

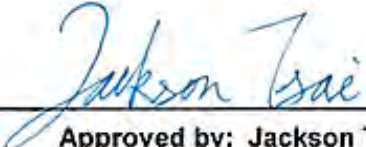


FCC RADIO TEST REPORT

FCC ID : TVE-5108TQ56462
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 432Gxxxxxx, FAP-432Gxxxxxx,
FORTIAP-432Gxxxxxx (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. 14, 2023, and testing was started from Nov. 20, 2023 and completed on Apr. 01, 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

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: HE1-D1-1 Ver2.5
FCC ID: TVE-5108TQ56462

Page Number : 3 of 37
Issued Date : Sep. 18, 2024
Report Version : 01



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 AP 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: Terry Chang

Report Producer: Julie Tseng



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	a, 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_Radio 3

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11a	20	4TX
6.525-6.875GHz	802.11a	20	4TX
5.925-6.425GHz	802.11ax HEW20	20	4TX
6.525-6.875GHz	802.11ax HEW20	20	4TX
5.925-6.425GHz	802.11ax HEW40	40	4TX
6.525-6.875GHz	802.11ax HEW40	40	4TX
5.925-6.425GHz	802.11ax HEW80	80	4TX
6.525-6.875GHz	802.11ax HEW80	80	4TX
5.925-6.425GHz	802.11ax HEW160	160	4TX
6.525-6.875GHz	802.11ax HEW160	160	4TX

Beamforming_Radio 3

Band	Mode	BWch	Nant
5.925-6.425GHz	802.11ax HEW20-BF	20	4TX
6.525-6.875GHz	802.11ax HEW20-BF	20	4TX
5.925-6.425GHz	802.11ax HEW40-BF	40	4TX
6.525-6.875GHz	802.11ax HEW40-BF	40	4TX
5.925-6.425GHz	802.11ax HEW80-BF	80	4TX
6.525-6.875GHz	802.11ax HEW80-BF	80	4TX
5.925-6.425GHz	802.11ax HEW160-BF	160	4TX
6.525-6.875GHz	802.11ax HEW160-BF	160	4TX



Note:

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

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support
1	1	SENAO	5718A0729300	Dipole	N-type	2.4G+5G
2	2	SENAO	5718A0729300	Dipole	N-type	2.4G+5G
3	1	SENAO	5718A0729300	Dipole	N-type	2.4G+5G
4	2	SENAO	5718A0729300	Dipole	N-type	2.4G+5G
5	1	SENAO	5718A0727300	Dipole	N-type	2.4G+5G+6G
6	2	SENAO	5718A0727300	Dipole	N-type	2.4G+5G+6G
7	3	SENAO	5718A0727300	Dipole	N-type	2.4G+5G+6G
8	4	SENAO	5718A0727300	Dipole	N-type	2.4G+5G+6G
9	1	SENAO	5718A0618300	Dipole	N-type	BT&Zigbee
10	1	Quectel	7102A0652000	Patch	I-Pex	GPS

Gain (dBi)							Remark		
Ant.	Port	2.4G	5G	6G	BT& Zigbee	GPS			
1	1	4.82	5.89	-	-	-	Radio 1_ 2.4G 4*4	Radio 2_ 5G 4*4	Radio 2 (Low Band) (5G Band1/2) 4*4
2	2	4.76	6.01	-	-	-			
3	3	5.03	6.4	-	-	-			
4	4	4.78	6.14	-	-	-			
5	1	4.26	5.75	5.8	-	-	Radio 3_ 6G 4*4	Radio 3 2.4G/5G/6G 2*2 Scan Radio	Radio 3 (High Band) (5G Band3/4) 4*4
6	2	4.45	5.54	5.95	-	-		-	
7	3	4.81	5.5	5.65	-	-		Radio 3 2.4G/5G/6G 2*2 Scan Radio	
8	4	4.86	5.72	5.8	-	-		-	
9	1	-	-	-	4.71	-	-		
10	1	-	-	-	-	2	-		

Note 1: The EUT has ten antennas.

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 $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{in}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

For 2.4GHz function:

< Radio 1 >

For IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX)

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

< Radio 3 > < Scan >

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

Ant.5 (port 1), Ant.7 (port 3) can be used as receiving.

For 5GHz function:

< Radio 2 >

For IEEE 802.11a/n/ac/ax mode (4TX/4RX)

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

< Radio 3 > < Scan >

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

Ant.5 (port 1), Ant.7 (port 3) can be used as receiving.

< Radio 2 > < Low Band >

For IEEE 802.11a/n/ac/ax mode (4TX/4RX)

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

< Radio 3 > < High Band >

For IEEE 802.11a/n/ac/ax mode (4TX/4RX)

Ant.5 (port 1), Ant.6 (port 2), Ant.7 (port 3), Ant.8 (port 4) could transmit/receive simultaneously.

For 6GHz function:

< Radio 3 >

For IEEE 802.11a/ax mode (4TX/4RX)

Ant.5 (port 1), Ant.6 (port 2), Ant.7 (port 3), Ant.8 (port 4) could transmit/receive simultaneously.

< Radio 3 > < Scan >

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

Ant.5 (port 1), Ant.7 (port 3) can be used as receiving.

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.



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	☐	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☒	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client		
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_Radio 3

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.956	0.2	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.934	0.3	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.926	0.33	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.935	0.29	5.446m	300
802.11ax HEW160_Nss1,(MCS0)_4TX	0.933	0.3	5.446m	300

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

Beamforming_Radio 3

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.958	0.19	3.929m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.929	0.32	3.441m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.941	0.26	3.694m	300
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.942	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 brand/model names in the following table are all refer to the identical product.

Brand Name	Model Name	Description
FORTINET	FortiAP 432Gxxxxxx, FAP-432Gxxxxxx, FORTIAP-432Gxxxxxx (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.

From the above models, model: FAP-432G was selected as representative model for the test and its data was recorded in this report.

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 662911 D01 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	21.1~22.3°C / 50~54%	01/Apr/2024
RF Conducted	TH07-HY	Xun Hsieh	23.4~23.7°C / 51~56%	20/Nov/2023~30/Jan/2024
RF Conducted (Beamforming)	TH07-HY	Xun Hsieh	23.1~23.5°C / 52~59%	24/Feb/2024~26/Feb/2024
Radiated (Below 1G)	03CH02-HY	Simon Cheng	21.5~22.5°C / 50~52%	28/Dec/2023
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Above 1G)	03CH24-HY	Simon Cheng	22.2~23.1°C / 48~51%	21/Dec/2023~12/Jan/2024
Radiated (Beamforming)	03CH24-HY	Simon Cheng	21.3~21.6°C / 50~52%	21/Feb/2024~22/Feb/2024
Radiated (Co-location)	03CH24-HY	Daniel Lin	20.8~21.1°C / 50~51%	12/Mar/2024~13/Mar/2024



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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%
Contention-Based Protocol	1 ms	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

Test Software Version	qdart_conn.win.1.0_installer_00099.1
------------------------------	--------------------------------------

Non-Beamforming_Radio 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5955MHz	17.5
6195MHz	20
6415MHz	17
6535MHz	17
6695MHz	21
6855MHz	19.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5955MHz	17
6195MHz	19.5
6415MHz	17
6535MHz	16.5
6695MHz	20.5
6855MHz	20
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5965MHz	18.5
6205MHz	19.5
6405MHz	17.5
6565MHz	16.5
6685MHz	20
6845MHz	20
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5985MHz	19
6225MHz	19.5
6385MHz	17.5
6625MHz	17
6705MHz	20.5
6785MHz	21
802.11ax HEW160_Nss1,(MCS0)_4TX	-
6025MHz	19
6185MHz	19
6345MHz	18
6665MHz	17.5

**Beamforming_Radio 3**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5955MHz	19
6195MHz	19
6415MHz	19
6535MHz	19
6695MHz	19
6855MHz	19
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5965MHz	19
6205MHz	19
6405MHz	19
6565MHz	19
6685MHz	19
6845MHz	19
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5985MHz	19
6225MHz	19
6385MHz	19
6625MHz	19
6705MHz	19
6785MHz	19
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
6025MHz	19
6185MHz	19
6345MHz	19
6665MHz	19

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 Frequency Stability
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	Y Plane
	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1:2.4G + Radio 2:5G full + BT
2	Radio 1:2.4G + Radio 2:5G Low band(Band1/2) + Radio 3: 5G High band(Band3/4) + BT
3	Radio 1:2.4G + Radio 2:5G full + Zigbee
4	Radio 1:2.4G + Radio 2:5G Low band(Band1/2) + Radio 3: 5G High band(Band3/4) + Zigbee
5	Radio 1:2.4G + Radio 2:5G full + Radio 3: 6G full + BT
6	Radio 1:2.4G + Radio 2:5G full + Radio 3: 6G full + Zigbee
Refer to Sporton Test Report No.: FA362304-04 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
PoE Adapter	Brand Name	Senao Inc.	Model Name	PIN060-54PR
	Power Rating	I/P: 100 - 240 Vac, 1.5 A, 50-60 Hz, O/P: 54 Vdc, 1.11 A		
AC CORD	Brand Name	I-SHENG	Model Name	AC CORD 600mm
	Signal Line	0.5 meter, shielded cable, w/o ferrite core		
BRACKET POLE MOUNT	Brand Name	CUN SHENG	Model Name	BRACKET POLE MOUNT LFP
BRACKET WALL MOUNT	Brand Name	Enrack	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

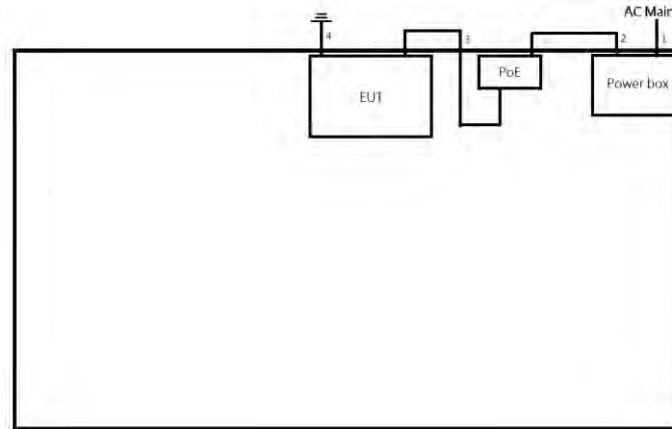
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power Sync	CAT-6E-01	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	Senao Inc.	PIN060-54PR	-	Provided by Customer

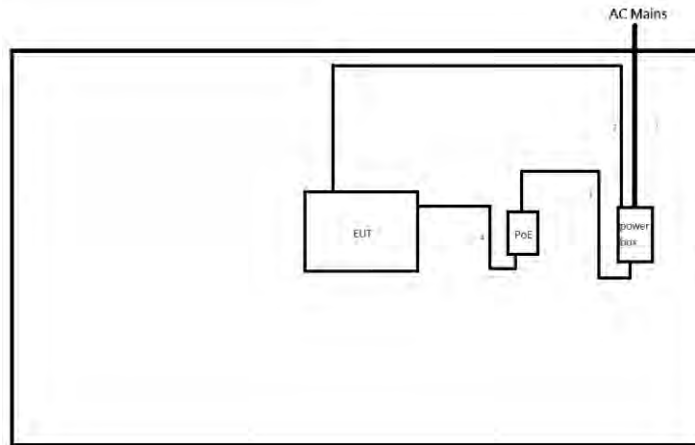
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power Sync	CAT-6E-01	-	-
2	RJ45 cable	Power Sync	CAT-6E-10	-	-
3	NB (Remote)	DELL	E5410	-	-
4	RJ45 cable (Remote)	Power Sync	CAT-6E-01	-	-

2.5 Test Setup Diagram

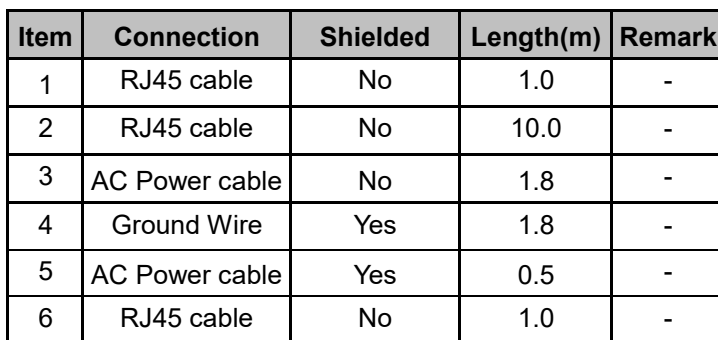
Test Setup Diagram – AC Line Conducted Emission Test



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	-





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

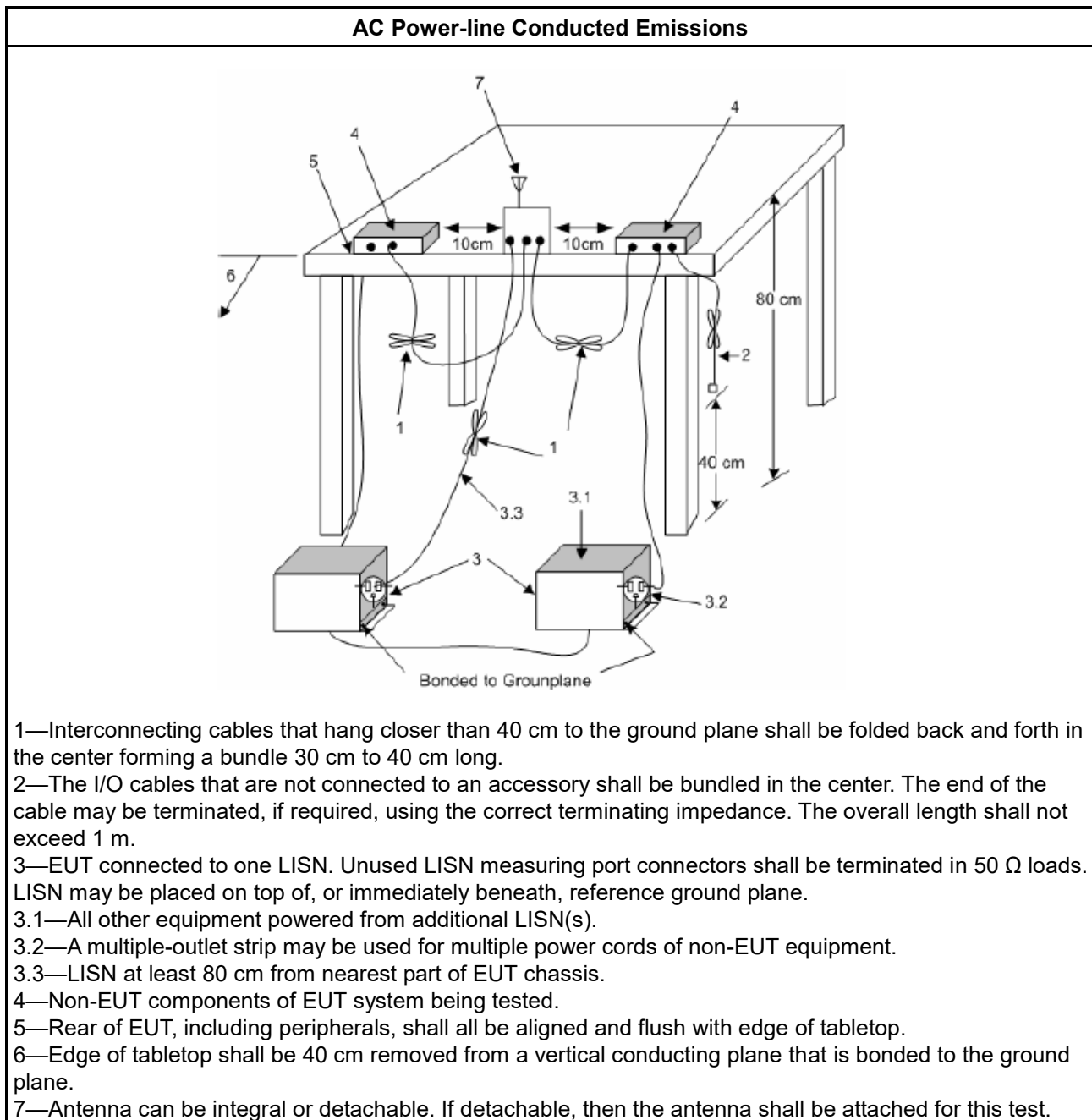
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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

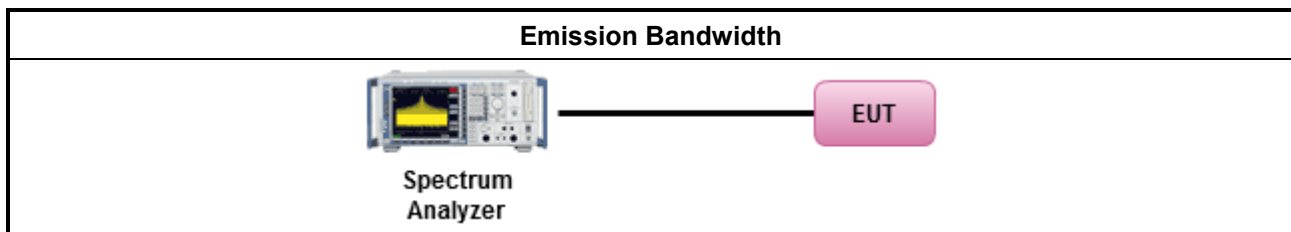
3.2.2 Measuring Instruments

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.



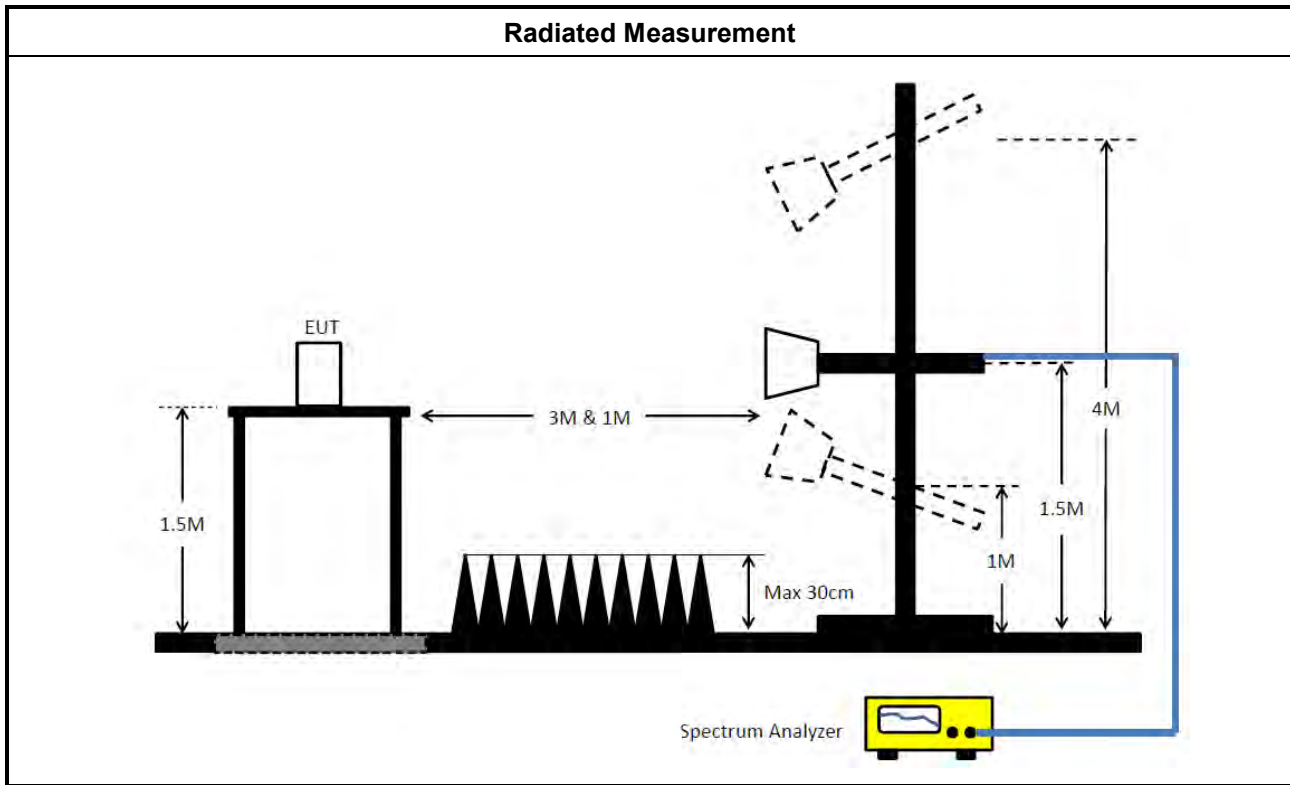
3.3.2 Measuring Instruments

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 the 6.425 ~ 6.525 GHz band:
☐	
☒	For the 6.525 ~ 6.875 GHz band:
☐	
☐	For the 6.875 ~ 7.125 GHz band:
☐	

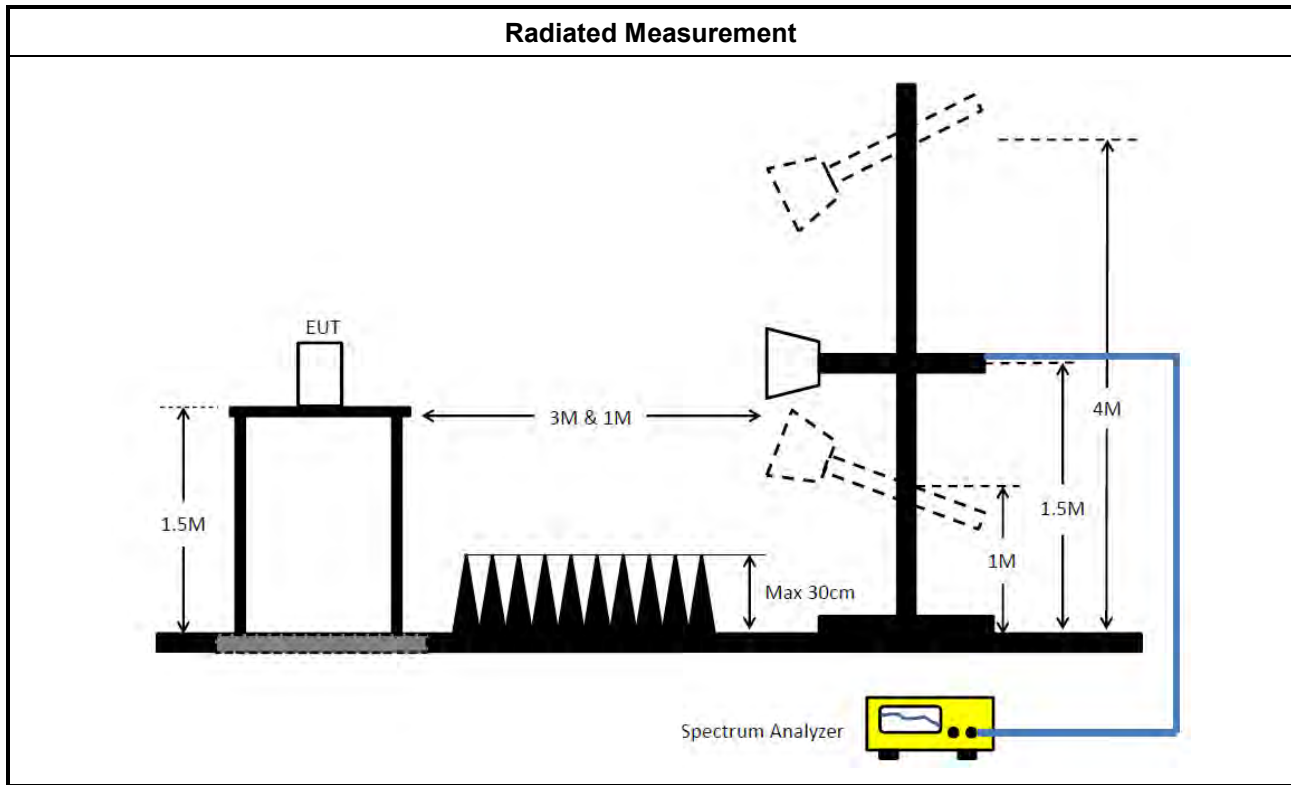
3.4.2 Measuring Instruments

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

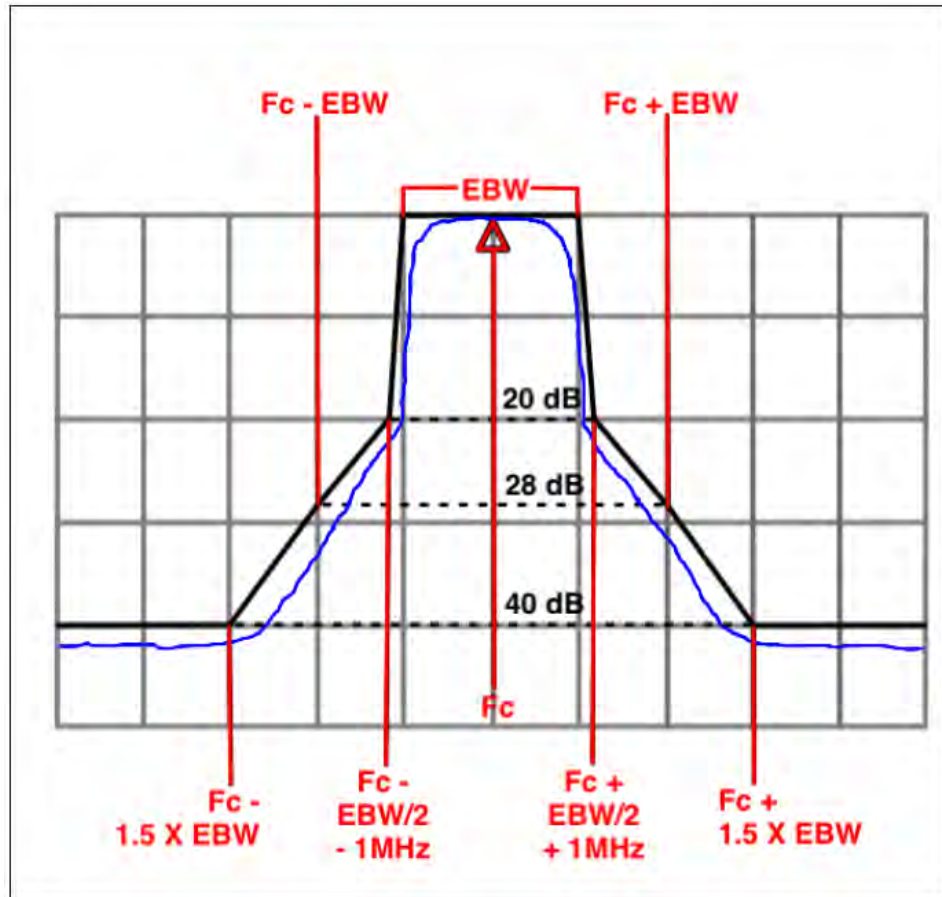
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance 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) = 54dBuV/m at 3m + 9.54dB = 63.54 dBuV/m at 1m.

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



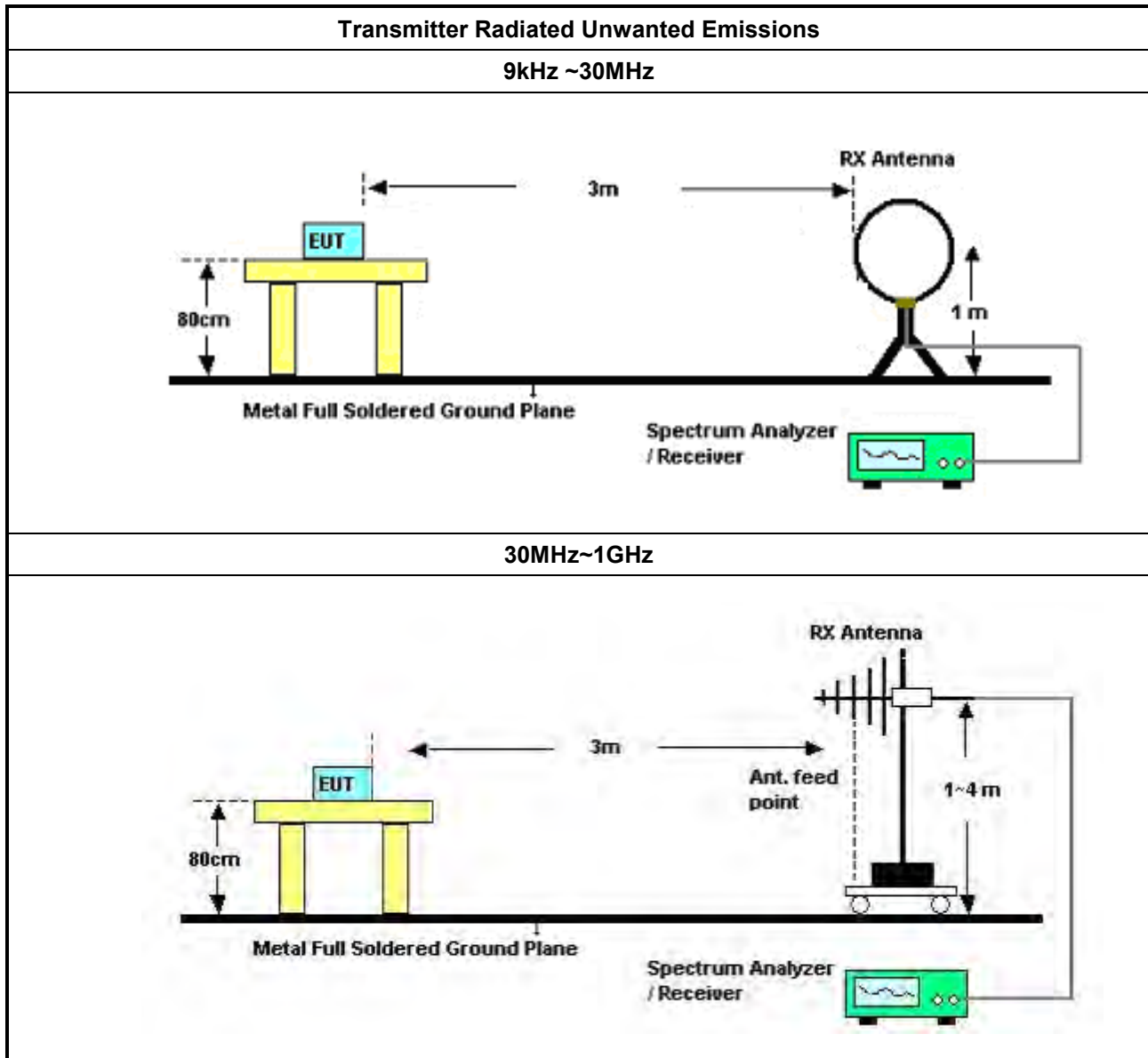
▪ Use the following spectrum analyzer settings:	
	▪ Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	▪ Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites 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.

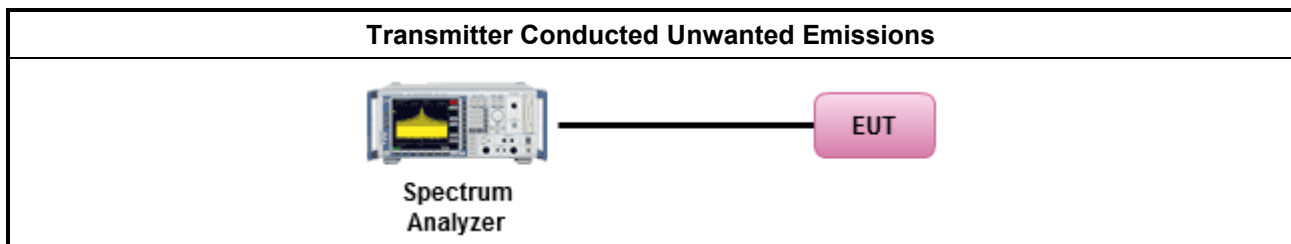
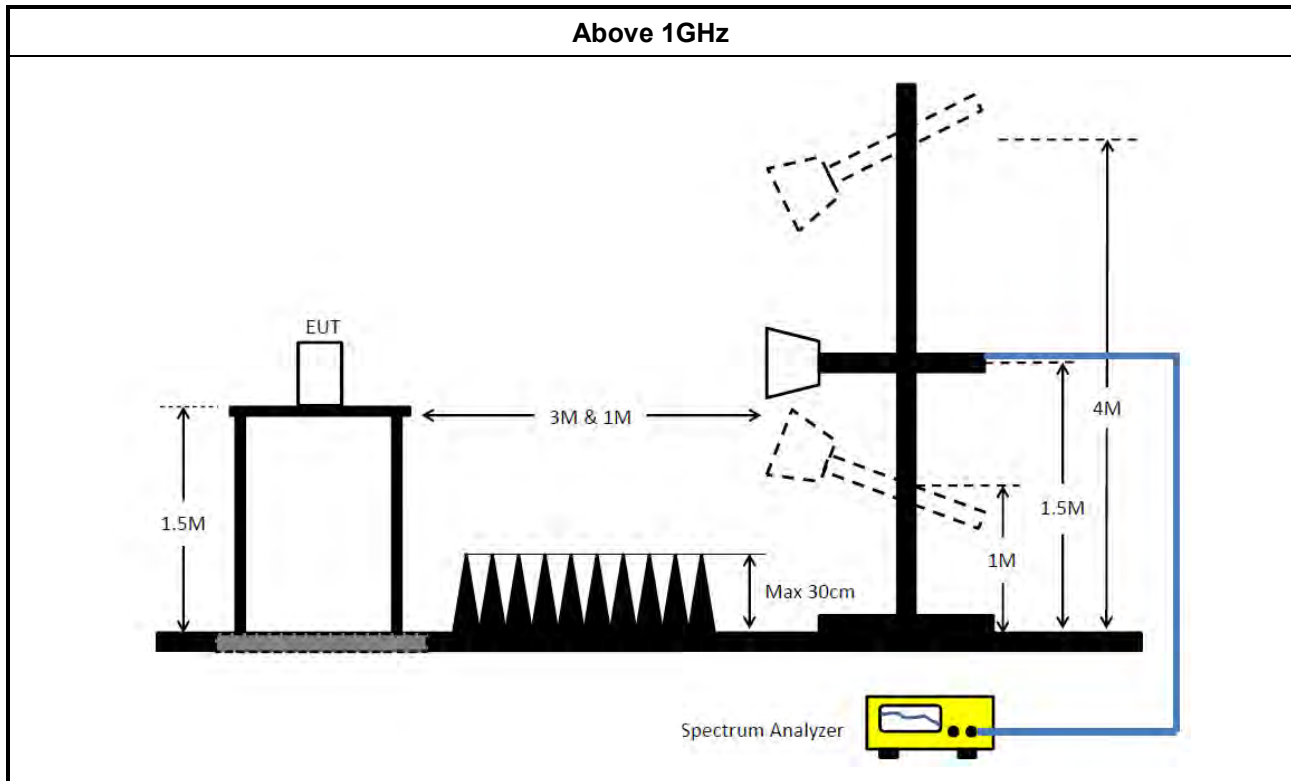
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier 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	101295	9kHz ~ 30MHz	05/Feb/2024	04/Feb/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
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
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 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	02/Feb/2024	01/Feb/2025
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	V5.11.16	N/A	N/A	N/A	N/A

**Instrument for Radiated Test – Non-Beamforming**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	03/Aug/2023	02/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	10/Aug/2023	09/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	17/Aug/2023	16/Aug/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	1GHz~40GHz	21/Jul/2023	20/Jul/2024
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	10/Aug/2023	09/Aug/2024
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	29/Jul/2023	28/Jul/2024
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	26/May/2023	25/May/2024
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	27/Aug/2023	26/Aug/2024
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	19/Dec/2023	18/Dec/2024
Amplifier	Aglient	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2023	26/Jun/2024
SENSE-15407-NII	Sporton	V5.11.15	N/A	N/A	N/A	N/A

Instrument for Radiated Test – Beamforming

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	03/Aug/2023	02/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	10/Aug/2023	09/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	17/Aug/2023	16/Aug/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	1GHz~40GHz	21/Jul/2023	20/Jul/2024
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	10/Aug/2023	09/Aug/2024
Microwave Prempplier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
SENSE-15407-NII	Sporton	V5.11.16	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	03CH02-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	17/Mar/2023	16/Mar/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2023	22/Sep/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	24/Oct/2023	23/Oct/2024
Microwave Preamplifier	EM	EM18G40GA	060604	18GHz ~40GHz	16/Mar/2023	15/Mar/2024
SENSE-EMI	Sporton	V5.11.3	NA	NA	NA	NA



Conducted Emissions at Powerline_Non-Beamforming_Radio 3 **Appendix A**

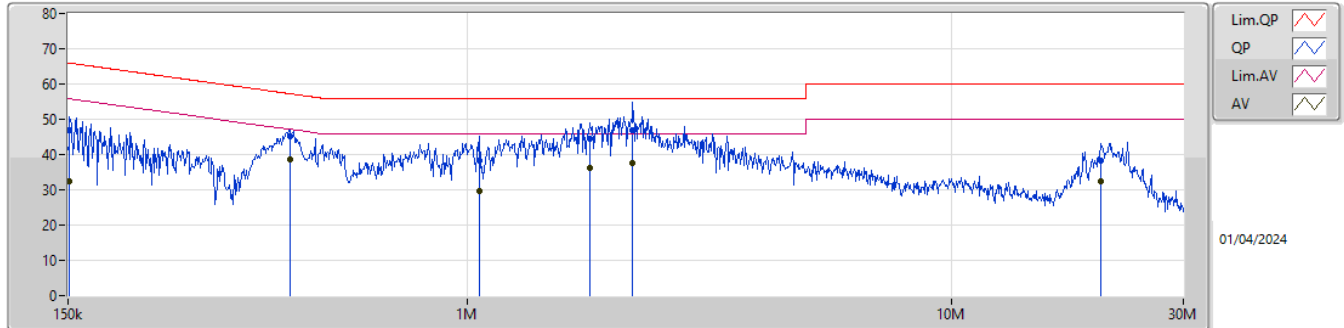
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	2.229M	37.98	46.00	-8.02	Neutral

Result

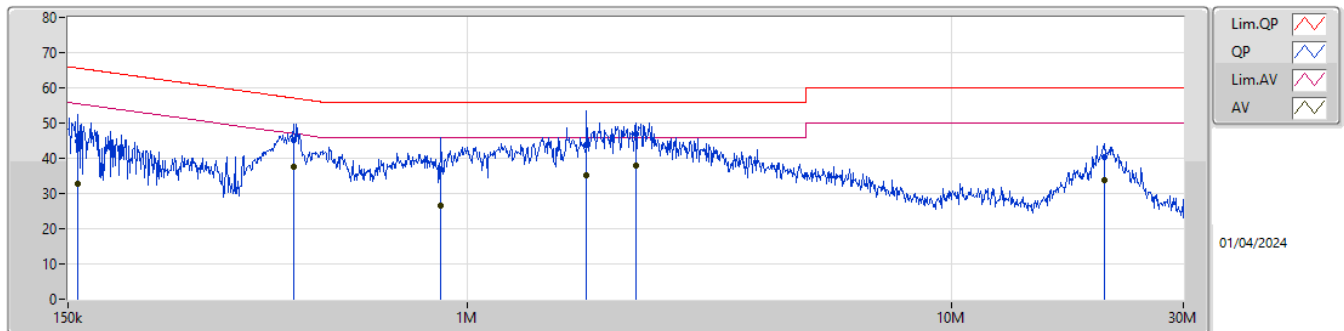
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.202k	47.01	65.92	-18.91	Line	-
Mode 1	Pass	AV	151.202k	32.33	55.92	-23.59	Line	-
Mode 1	Pass	QP	430.32k	45.32	57.24	-11.92	Line	-
Mode 1	Pass	AV	430.32k	38.57	47.24	-8.67	Line	-
Mode 1	Pass	QP	1.061M	38.23	56.00	-17.77	Line	-
Mode 1	Pass	AV	1.061M	29.78	46.00	-16.22	Line	-
Mode 1	Pass	QP	1.789M	44.57	56.00	-11.43	Line	-
Mode 1	Pass	AV	1.789M	36.31	46.00	-9.69	Line	-
Mode 1	Pass	QP	2.194M	46.98	56.00	-9.02	Line	-
Mode 1	Pass	AV	2.194M	37.72	46.00	-8.28	Line	-
Mode 1	Pass	QP	20.269M	38.33	60.00	-21.67	Line	-
Mode 1	Pass	AV	20.269M	32.43	50.00	-17.57	Line	-
Mode 1	Pass	QP	156.734k	44.71	65.64	-20.93	Neutral	-
Mode 1	Pass	AV	156.734k	32.61	55.64	-23.03	Neutral	-
Mode 1	Pass	QP	437.246k	45.31	57.11	-11.80	Neutral	-
Mode 1	Pass	AV	437.246k	37.59	47.11	-9.52	Neutral	-
Mode 1	Pass	QP	882.795k	36.84	56.00	-19.16	Neutral	-
Mode 1	Pass	AV	882.795k	26.69	46.00	-19.31	Neutral	-
Mode 1	Pass	QP	1.761M	43.77	56.00	-12.23	Neutral	-
Mode 1	Pass	AV	1.761M	35.25	46.00	-10.75	Neutral	-
Mode 1	Pass	QP	2.229M	47.02	56.00	-8.98	Neutral	-
Mode 1	Pass	AV	2.229M	37.98	46.00	-8.02	Neutral	-
Mode 1	Pass	QP	20.677M	40.39	60.00	-19.61	Neutral	-
Mode 1	Pass	AV	20.677M	33.89	50.00	-16.11	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	151.202k	47.01	65.92	-18.91	19.44	Line	-	27.57	9.61	0.07	9.76						
AV	151.202k	32.33	55.92	-23.59	19.44	Line	-	12.89	9.61	0.07	9.76						
QP	430.32k	45.32	57.24	-11.92	19.49	Line	-	25.83	9.61	0.12	9.76						
AV	430.32k	38.57	47.24	-8.67	19.49	Line	-	19.08	9.61	0.12	9.76						
QP	1.061M	38.23	56.00	-17.77	19.50	Line	-	18.73	9.61	0.09	9.80						
AV	1.061M	29.78	46.00	-16.22	19.50	Line	-	10.28	9.61	0.09	9.80						
QP	1.789M	44.57	56.00	-11.43	19.53	Line	-	25.04	9.62	0.11	9.80						
AV	1.789M	36.31	46.00	-9.69	19.53	Line	-	16.78	9.62	0.11	9.80						
QP	2.194M	46.98	56.00	-9.02	19.52	Line	-	27.46	9.62	0.10	9.80						
AV	2.194M	37.72	46.00	-8.28	19.52	Line	-	18.20	9.62	0.10	9.80						
QP	20.269M	38.33	60.00	-21.67	19.54	Line	-	18.79	9.59	0.12	9.83						
AV	20.269M	32.43	50.00	-17.57	19.54	Line	-	12.89	9.59	0.12	9.83						

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	156.734k	44.71	65.64	-20.93	19.44	Neutral	-	25.27	9.62	0.07	9.75						
AV	156.734k	32.61	55.64	-23.03	19.44	Neutral	-	13.17	9.62	0.07	9.75						
QP	437.246k	45.31	57.11	-11.80	19.49	Neutral	-	25.82	9.61	0.12	9.76						
AV	437.246k	37.59	47.11	-9.52	19.49	Neutral	-	18.10	9.61	0.12	9.76						
QP	882.795k	36.84	56.00	-19.16	19.49	Neutral	-	17.35	9.61	0.09	9.79						
AV	882.795k	26.69	46.00	-19.31	19.49	Neutral	-	7.20	9.61	0.09	9.79						
QP	1.761M	43.77	56.00	-12.23	19.53	Neutral	-	24.24	9.62	0.11	9.80						
AV	1.761M	35.25	46.00	-10.75	19.53	Neutral	-	15.72	9.62	0.11	9.80						
QP	2.229M	47.02	56.00	-8.98	19.52	Neutral	-	27.50	9.62	0.10	9.80						
AV	2.229M	37.98	46.00	-8.02	19.52	Neutral	-	18.46	9.62	0.10	9.80						
QP	20.677M	40.39	60.00	-19.61	19.65	Neutral	-	20.74	9.70	0.12	9.83						
AV	20.677M	33.89	50.00	-16.11	19.65	Neutral	-	14.24	9.70	0.12	9.83						

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	35.915M	17.085M	17M1D1D	18.59M	16.536M
802.11ax HEW20_Nss1,(MCS0)_4TX	27.83M	19.165M	19M2D1D	20.57M	19.015M
802.11ax HEW40_Nss1,(MCS0)_4TX	68.75M	38.031M	38M0D1D	39.05M	37.581M
802.11ax HEW80_Nss1,(MCS0)_4TX	130.46M	77.861M	77M9D1D	80.96M	77.061M
802.11ax HEW160_Nss1,(MCS0)_4TX	236.72M	156.322M	156MD1D	161.92M	154.323M
6.525-6.875GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	65.725M	36.986M	37M0D1D	19.36M	16.536M
802.11ax HEW20_Nss1,(MCS0)_4TX	73.37M	41.454M	41M5D1D	20.79M	18.991M
802.11ax HEW40_Nss1,(MCS0)_4TX	127.16M	75.962M	76M0D1D	39.49M	37.631M
802.11ax HEW80_Nss1,(MCS0)_4TX	249.48M	156.222M	156MD1D	80.52M	77.161M
802.11ax HEW160_Nss1,(MCS0)_4TX	308.88M	158.721M	159MD1D	162.8M	154.723M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	19.745M	16.558M	19.25M	16.558M	19.195M	16.536M	20.02M	16.536M
6195MHz	Pass	Inf	21.505M	16.646M	35.915M	17.085M	27.72M	16.756M	21.56M	16.69M
6415MHz	Pass	Inf	20.02M	16.536M	20.185M	16.558M	18.59M	16.536M	19.635M	16.536M
6535MHz	Pass	Inf	19.965M	16.536M	20.9M	16.58M	19.36M	16.536M	19.47M	16.536M
6695MHz	Pass	Inf	33.88M	17.393M	64.9M	36.568M	65.45M	36.304M	44.55M	27.838M
6855MHz	Pass	Inf	20.13M	16.58M	41.91M	25.441M	65.725M	36.986M	26.785M	16.756M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	20.79M	19.09M	21.34M	19.065M	20.735M	19.04M	21.12M	19.04M
6195MHz	Pass	Inf	20.57M	19.09M	27.83M	19.165M	23.485M	19.09M	23.705M	19.115M
6415MHz	Pass	Inf	20.735M	19.04M	21.065M	19.09M	20.9M	19.015M	21.615M	19.015M
6535MHz	Pass	Inf	21.615M	19.065M	21.065M	19.065M	20.79M	18.991M	21.065M	19.04M
6695MHz	Pass	Inf	25.355M	19.19M	55.11M	38.831M	73.37M	41.454M	49.17M	27.786M
6855MHz	Pass	Inf	24.75M	19.065M	52.8M	32.909M	70.015M	41.404M	40.205M	19.715M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	39.71M	37.581M	39.27M	37.781M	39.6M	37.631M	39.93M	37.681M
6205MHz	Pass	Inf	40.04M	37.731M	68.75M	38.031M	45.76M	37.881M	45.54M	37.881M
6405MHz	Pass	Inf	39.93M	37.681M	39.71M	37.881M	39.38M	37.631M	39.05M	37.681M
6565MHz	Pass	Inf	39.49M	37.631M	39.49M	37.731M	39.6M	37.631M	39.49M	37.731M
6685MHz	Pass	Inf	55.44M	37.931M	127.16M	75.262M	115.61M	74.863M	90.75M	55.022M
6845MHz	Pass	Inf	50.38M	37.781M	103.95M	68.766M	122.43M	75.962M	85.03M	40.53M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	82.94M	77.061M	82.72M	77.261M	81.18M	77.061M	82.28M	77.061M
6225MHz	Pass	Inf	86.46M	77.261M	130.46M	77.861M	86.46M	77.361M	97.24M	77.561M
6385MHz	Pass	Inf	80.96M	77.061M	88M	77.261M	81.4M	77.161M	81.84M	77.161M
6625MHz	Pass	Inf	81.18M	77.161M	106.7M	77.861M	91.3M	77.561M	80.52M	77.161M
6705MHz	Pass	Inf	165.22M	80.46M	239.36M	156.222M	230.34M	153.823M	197.12M	122.839M
6785MHz	Pass	Inf	172.04M	78.361M	249.48M	153.723M	248.38M	155.322M	198.66M	117.441M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	162.36M	154.323M	192.72M	155.522M	163.24M	154.723M	161.92M	154.923M
6185MHz	Pass	Inf	164.12M	155.122M	236.72M	156.322M	164.12M	155.722M	163.24M	155.122M
6345MHz	Pass	Inf	161.92M	154.523M	165.88M	155.322M	161.92M	154.923M	162.8M	155.322M
6665MHz	Pass	Inf	162.8M	154.723M	286M	157.921M	308.88M	158.721M	170.28M	155.122M

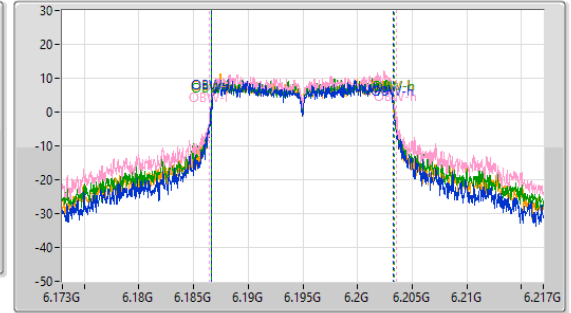
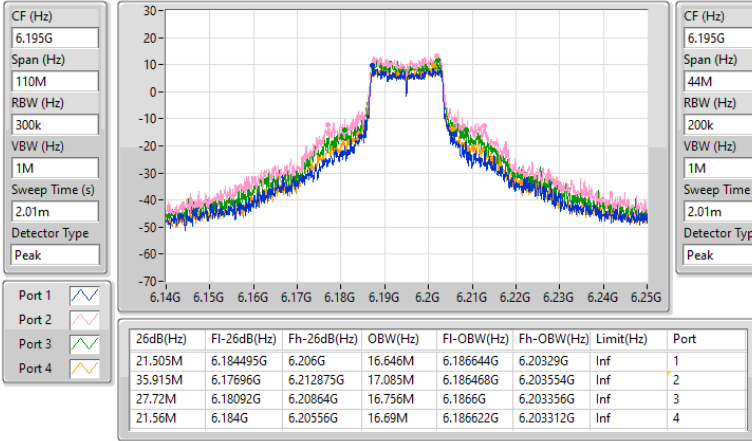
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6195MHz

29/01/2024

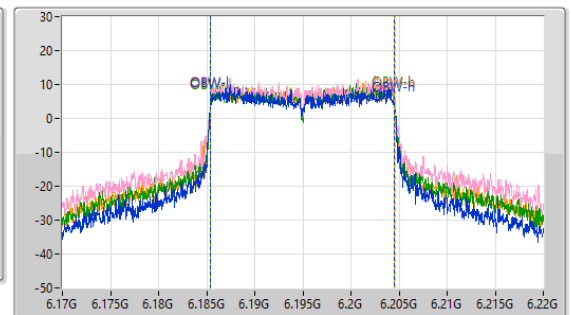
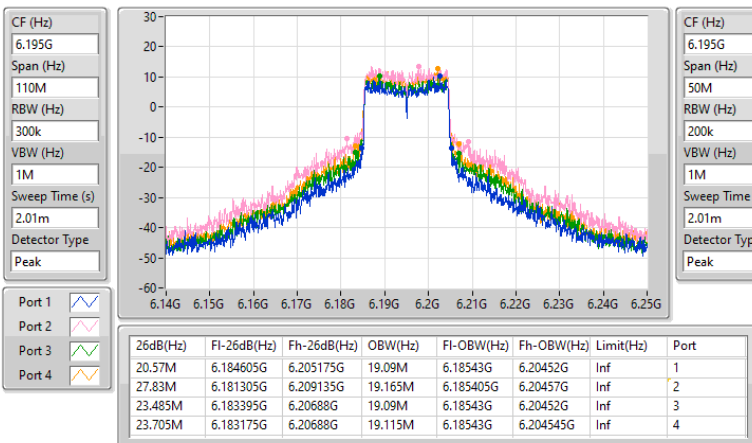


5.925-6.425GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6195MHz

29/01/2024

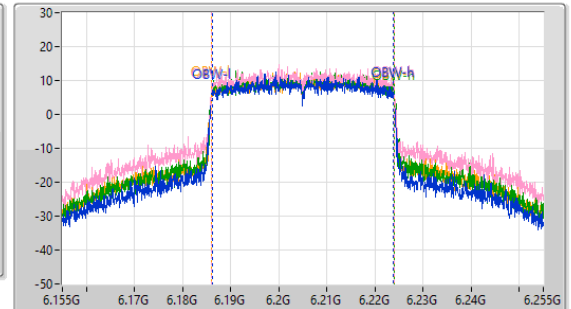
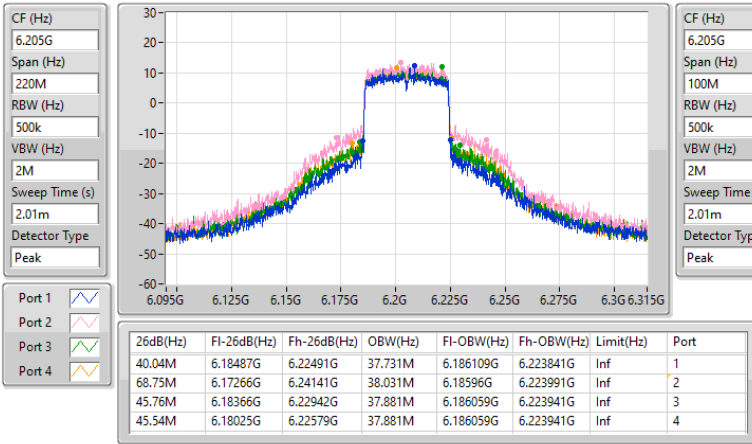


5.925-6.425GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6205MHz

29/01/2024

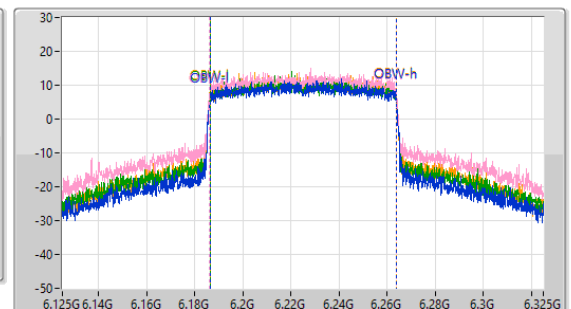
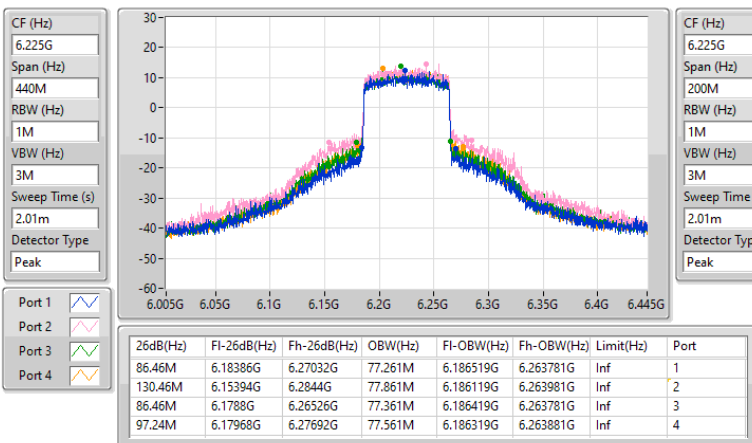


5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6225MHz

30/01/2024

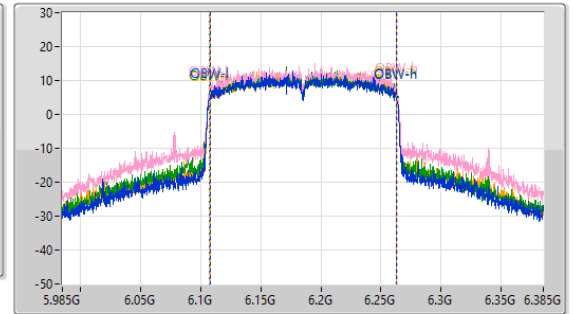
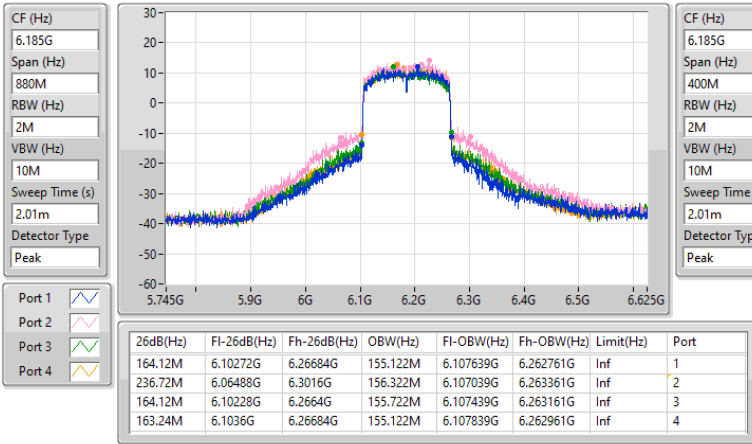


5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

EBW

6185MHz

30/01/2024

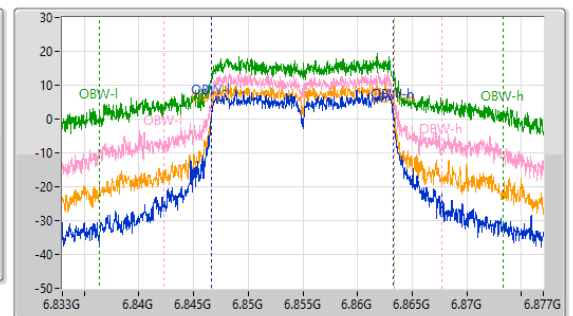
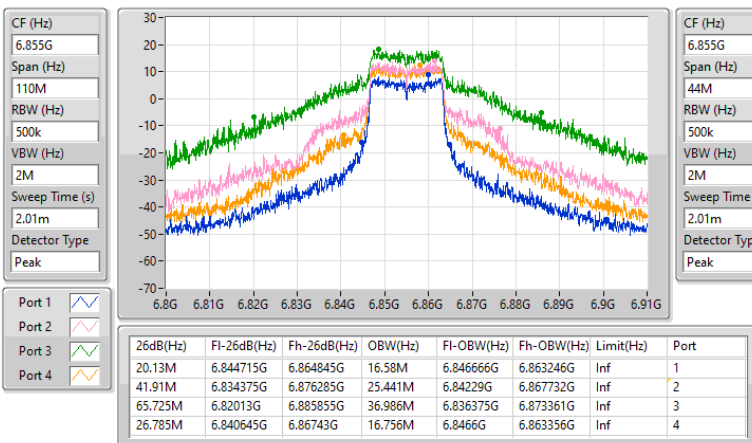


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

6855MHz

29/01/2024

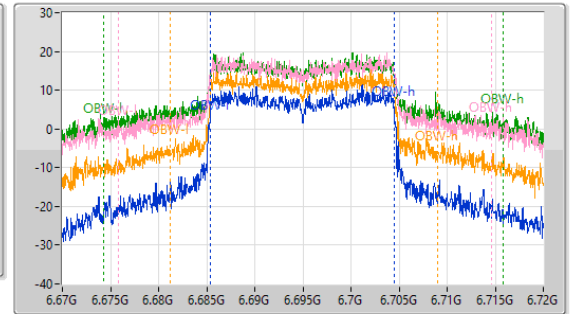
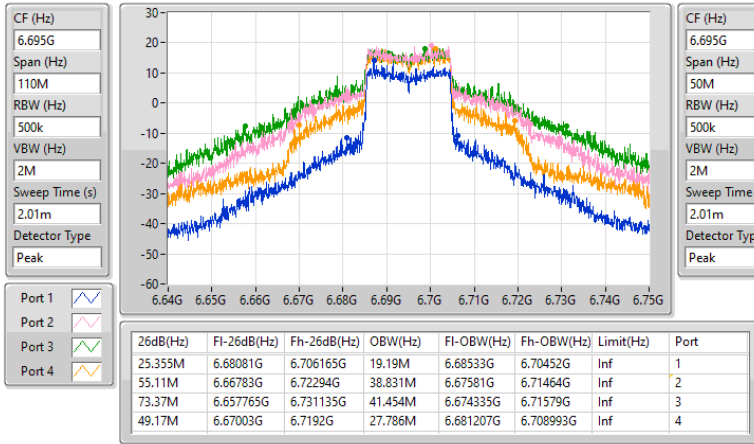


6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

6695MHz

29/01/2024

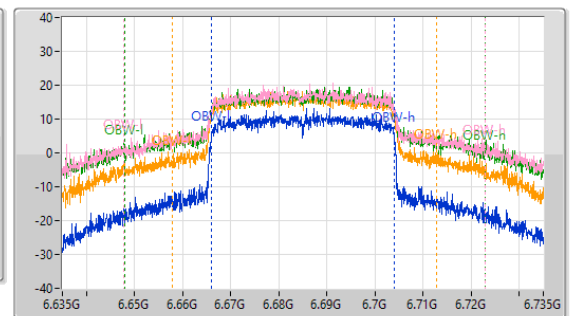
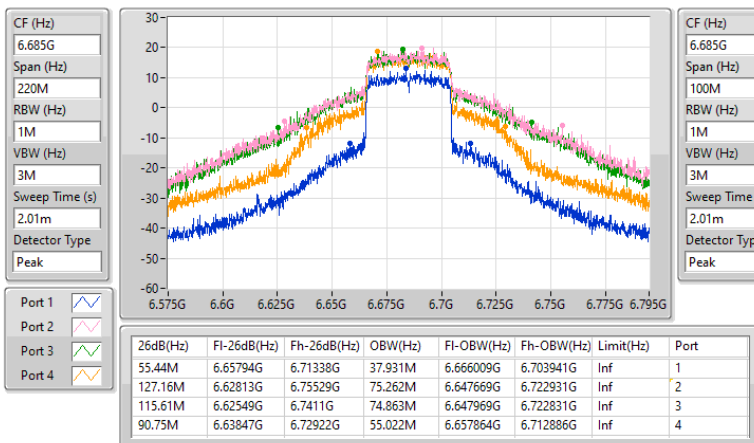


6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

6685MHz

29/01/2024

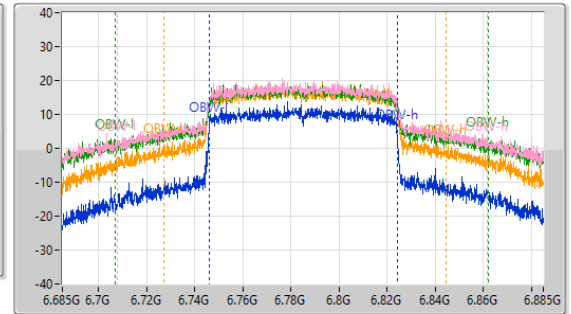
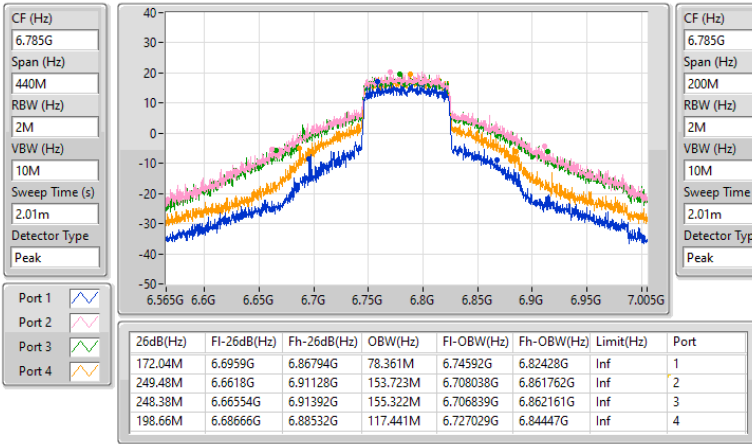


6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

6785MHz

30/01/2024

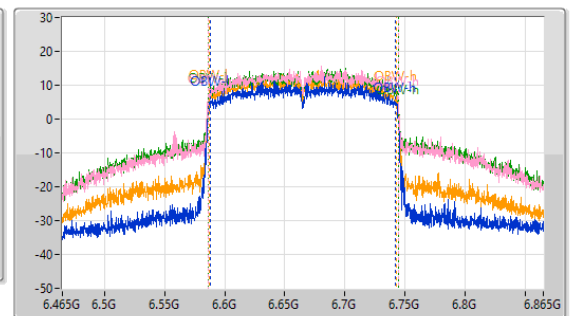
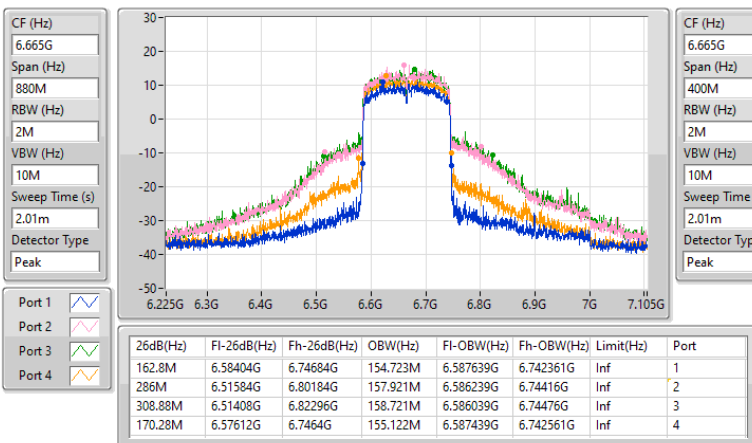


6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

EBW

6665MHz

30/01/2024



**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)_4TX	22.165M	19.115M	19M1D1D	19.91M	18.741M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	51.81M	37.68M	37M7D1D	38.94M	36.549M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	130.46M	77.158M	77M2D1D	79.2M	75.11M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	204.16M	155.579M	156MD1D	161.92M	153.774M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.75M	19.045M	19M0D1D	20.405M	18.991M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	79.75M	37.784M	37M8D1D	39.38M	37.062M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	138.16M	82.991M	83M0D1D	79.64M	75.724M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.56M	155.267M	155MD1D	162.8M	154.566M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	20.9M	18.766M	20.68M	19.04M	21.12M	18.966M	20.68M	18.941M
6195MHz	Pass	Inf	19.91M	18.991M	20.515M	19.015M	20.515M	19.115M	22.165M	19.015M
6415MHz	Pass	Inf	21.065M	18.741M	21.065M	19.015M	21.175M	19.09M	21.285M	18.966M
6535MHz	Pass	Inf	24.75M	18.991M	20.9M	19.015M	20.46M	18.991M	20.845M	19.04M
6695MHz	Pass	Inf	22.935M	19.017M	21.285M	18.993M	20.405M	19.045M	20.9M	19.014M
6855MHz	Pass	Inf	21.01M	19.002M	21.835M	19.032M	21.23M	19.024M	20.9M	19.028M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	47.63M	37.677M	38.94M	37.584M	39.38M	37.646M	39.93M	37.631M
6205MHz	Pass	Inf	51.81M	36.549M	40.26M	37.632M	39.38M	37.68M	39.71M	37.594M
6405MHz	Pass	Inf	40.37M	37.487M	39.38M	37.671M	39.82M	37.525M	39.49M	37.564M
6565MHz	Pass	Inf	57.2M	37.65M	40.04M	37.611M	40.04M	37.657M	40.26M	37.623M
6685MHz	Pass	Inf	79.75M	37.615M	40.04M	37.57M	40.15M	37.568M	40.04M	37.509M
6845MHz	Pass	Inf	42.68M	37.062M	40.04M	37.784M	39.71M	37.52M	39.38M	37.652M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	79.2M	75.11M	80.52M	77.02M	81.4M	77.063M	81.4M	76.882M
6225MHz	Pass	Inf	130.46M	77.158M	81.4M	76.943M	81.62M	77M	80.74M	76.87M
6385MHz	Pass	Inf	79.2M	75.422M	80.96M	76.883M	81.62M	76.737M	81.4M	76.855M
6625MHz	Pass	Inf	79.64M	76.42M	80.52M	76.922M	80.96M	76.848M	81.84M	76.697M
6705MHz	Pass	Inf	138.16M	75.724M	82.06M	76.914M	80.52M	77.079M	81.4M	77.202M
6785MHz	Pass	Inf	120.56M	82.991M	80.96M	76.9M	80.74M	76.686M	81.18M	76.679M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	162.36M	155.579M	161.92M	154.795M	164.12M	154.145M	162.8M	155.303M
6185MHz	Pass	Inf	204.16M	155.552M	163.68M	153.774M	162.36M	154.589M	163.68M	154.183M
6345MHz	Pass	Inf	168.52M	154.213M	162.8M	153.939M	162.8M	154.338M	163.68M	154.136M
6665MHz	Pass	Inf	162.8M	154.566M	163.68M	155.17M	164.56M	155.267M	162.8M	154.821M

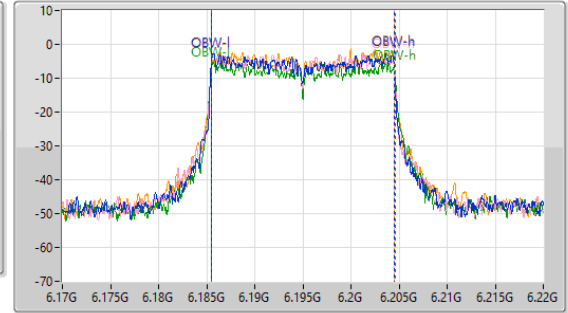
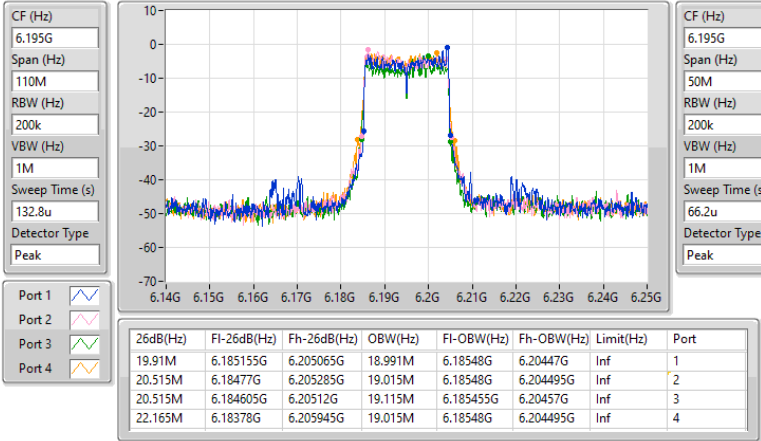
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6195MHz

24/02/2024

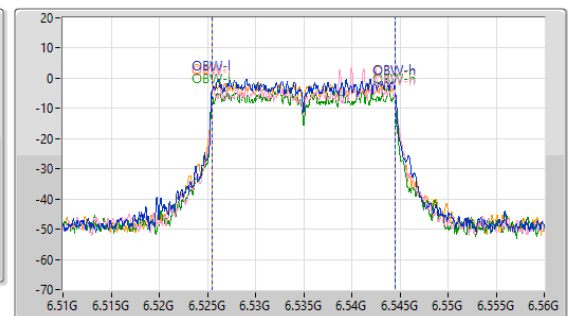
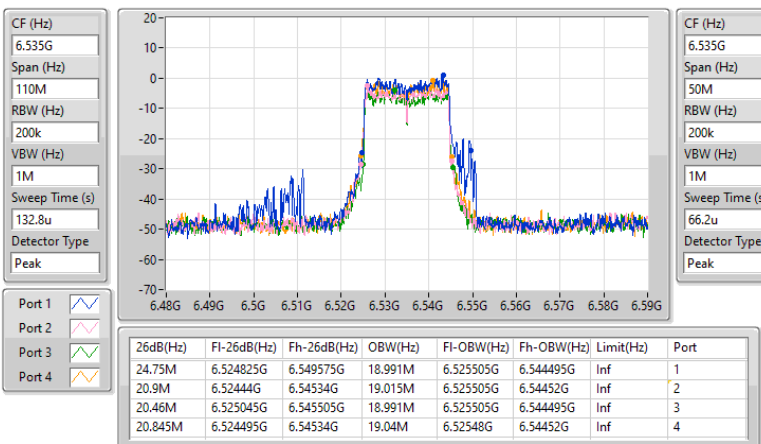


6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

6535MHz

24/02/2024

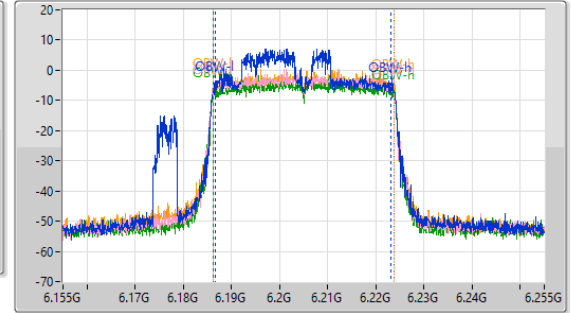
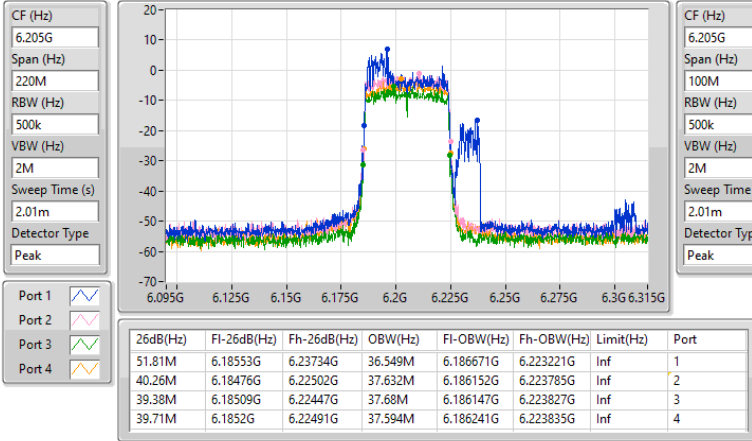


5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6205MHz

26/02/2024

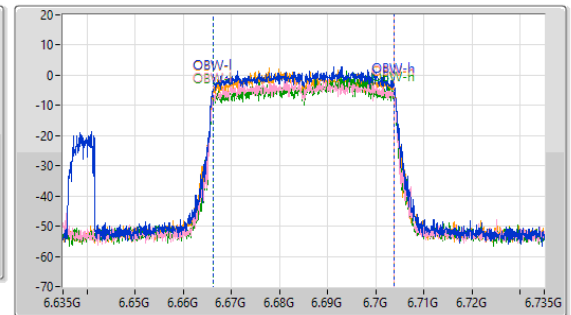
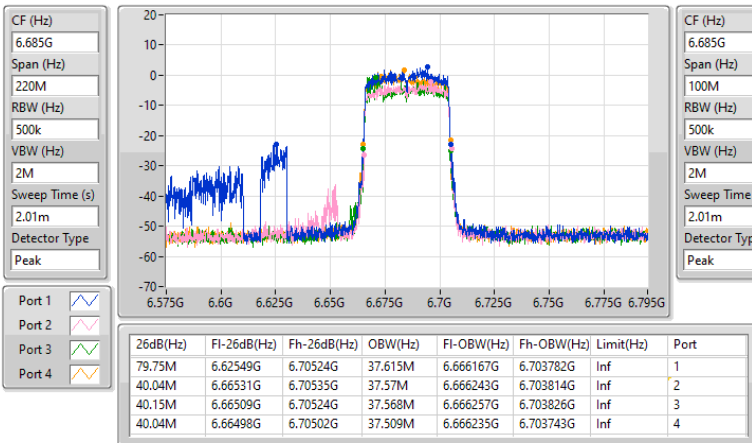


6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

6685MHz

26/02/2024

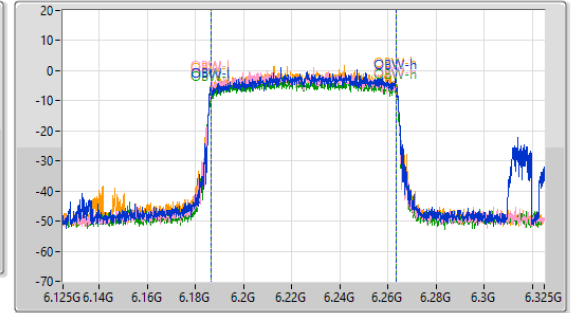
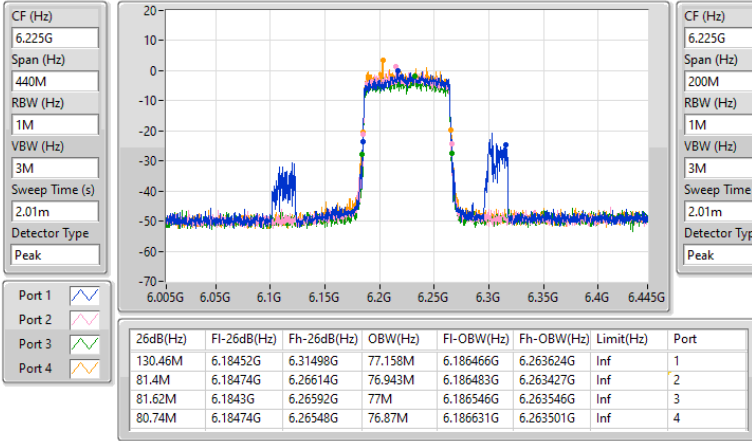


5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6225MHz

26/02/2024

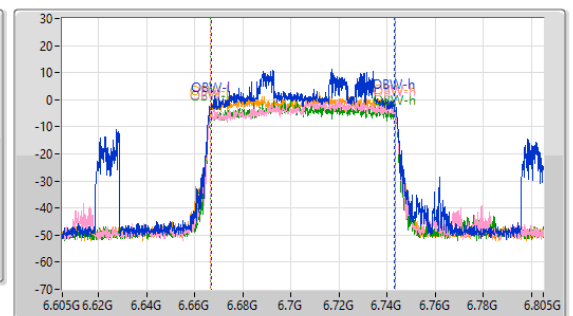
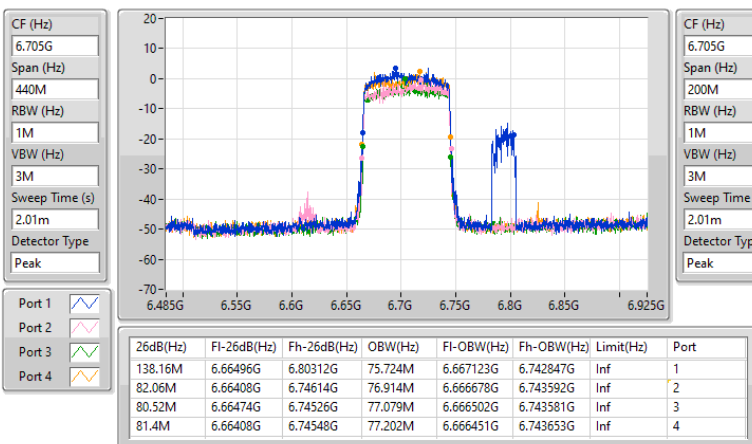


6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

6705MHz

26/02/2024

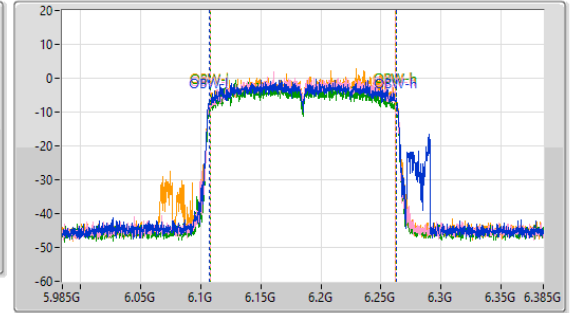
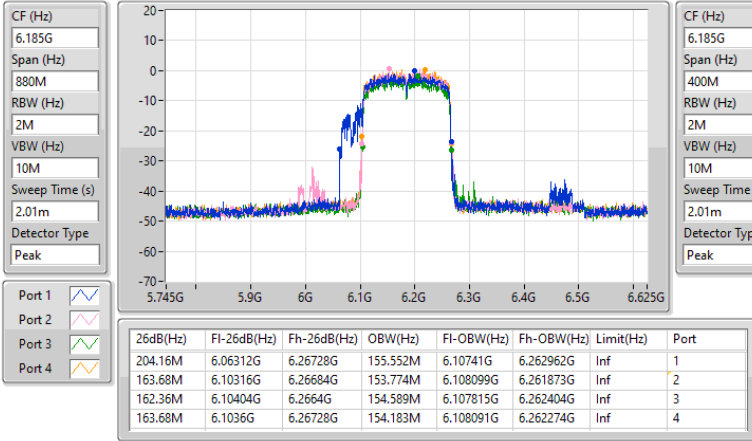


5.925-6.425GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6185MHz

26/02/2024

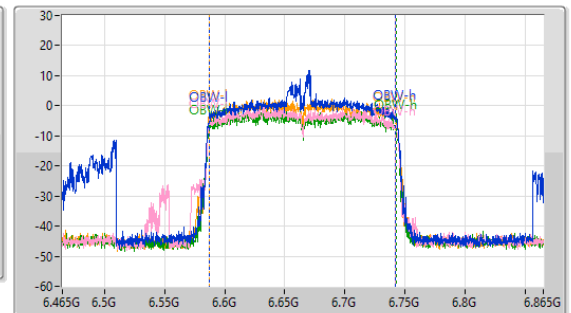
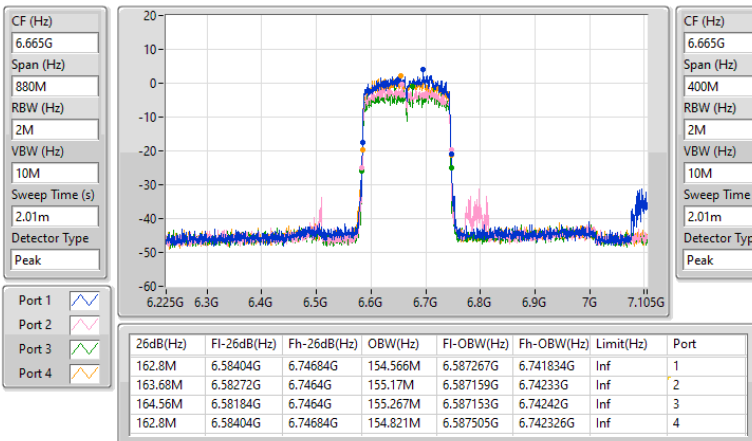


6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

6665MHz

26/02/2024





Average Power_Non-Beamforming_Radio 3

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	30.64	1.15878	30.64	1.15878
802.11ax HEW20_Nss1,(MCS0)_4TX	29.56	0.90365	29.56	0.90365
802.11ax HEW40_Nss1,(MCS0)_4TX	28.97	0.78886	28.97	0.78886
802.11ax HEW80_Nss1,(MCS0)_4TX	29.52	0.89536	29.52	0.89536
802.11ax HEW160_Nss1,(MCS0)_4TX	29.12	0.81658	29.12	0.81658
6.525-6.875GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	31.28	1.34276	31.28	1.34276
802.11ax HEW20_Nss1,(MCS0)_4TX	30.67	1.16681	30.67	1.16681
802.11ax HEW40_Nss1,(MCS0)_4TX	29.85	0.96605	29.85	0.96605
802.11ax HEW80_Nss1,(MCS0)_4TX	30.51	1.12460	30.51	1.12460
802.11ax HEW160_Nss1,(MCS0)_4TX	27.93	0.62087	27.93	0.62087



Average Power_Non-Beamforming_Radio 3

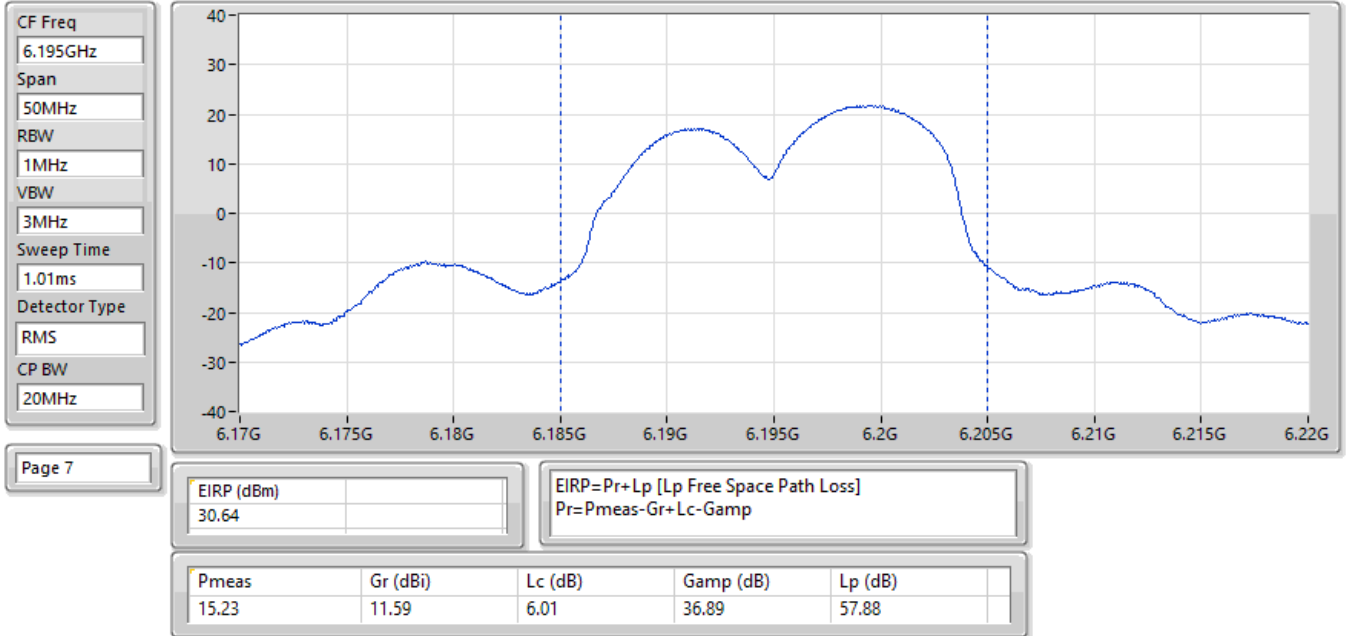
Appendix C.1

Result

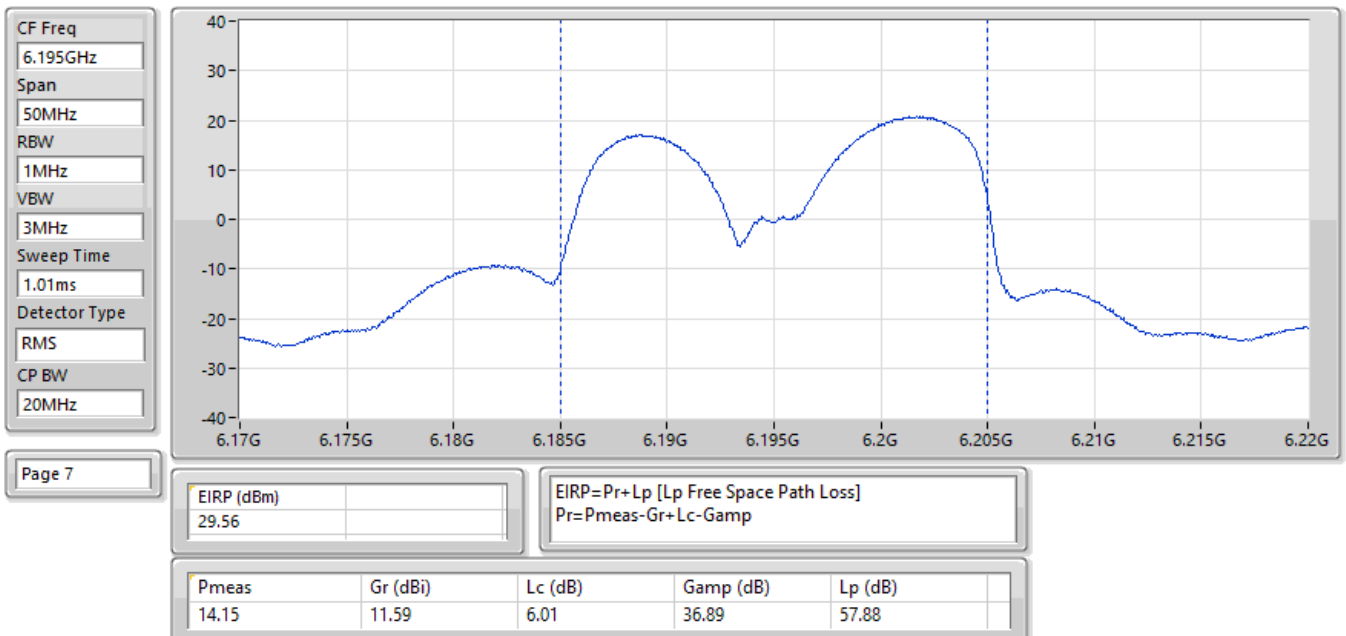
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
5955MHz	Pass	28.91	36.00
6195MHz	Pass	30.64	36.00
6415MHz	Pass	27.71	36.00
6535MHz	Pass	27.41	36.00
6695MHz	Pass	31.28	36.00
6855MHz	Pass	30.00	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	26.79	36.00
6195MHz	Pass	29.56	36.00
6415MHz	Pass	27.22	36.00
6535MHz	Pass	26.54	36.00
6695MHz	Pass	30.50	36.00
6855MHz	Pass	30.67	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	28.73	36.00
6205MHz	Pass	28.97	36.00
6405MHz	Pass	27.40	36.00
6565MHz	Pass	26.67	36.00
6685MHz	Pass	29.85	36.00
6845MHz	Pass	29.55	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	29.21	36.00
6225MHz	Pass	29.52	36.00
6385MHz	Pass	27.95	36.00
6625MHz	Pass	27.89	36.00
6705MHz	Pass	30.51	36.00
6785MHz	Pass	30.44	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	28.61	36.00
6185MHz	Pass	29.12	36.00
6345MHz	Pass	27.91	36.00
6665MHz	Pass	27.93	36.00

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

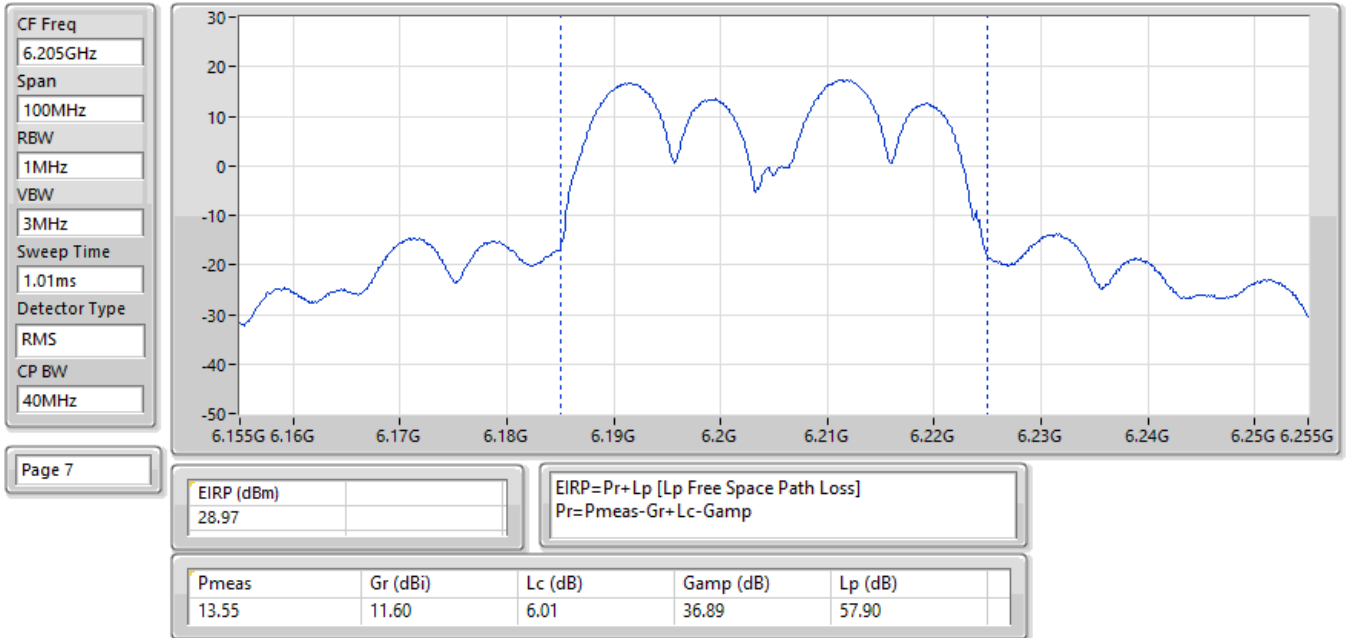
EIRP;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6195MHz;TX



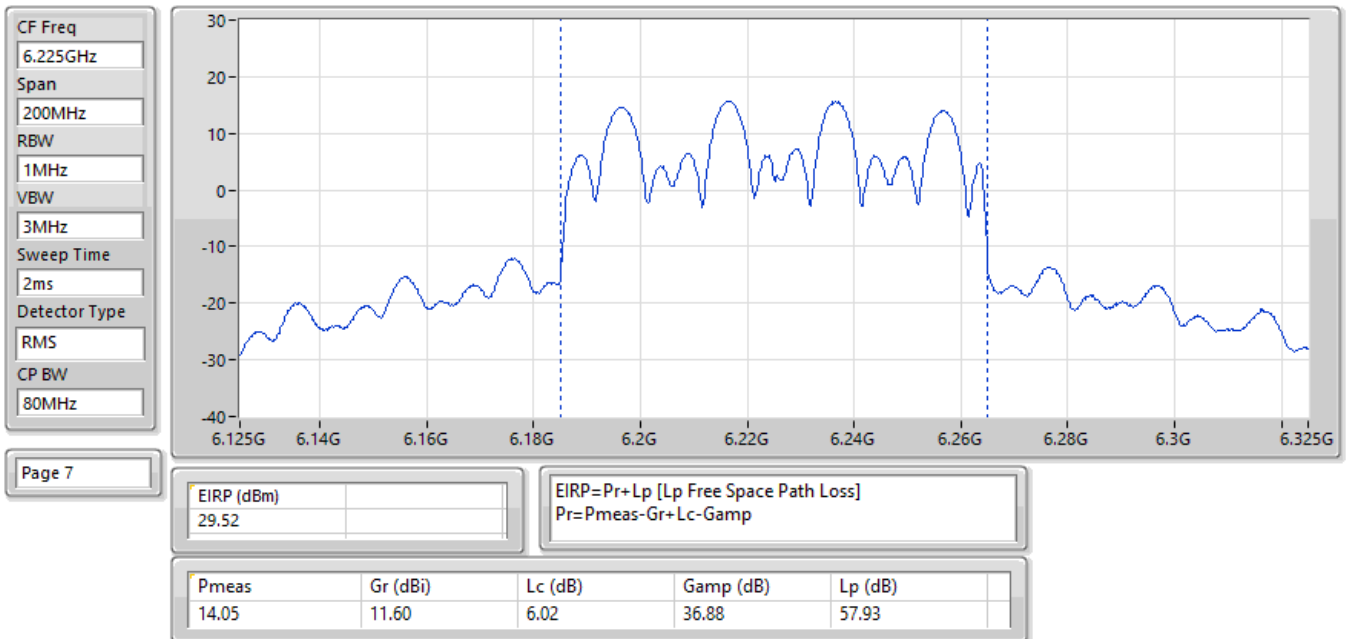
EIRP;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX



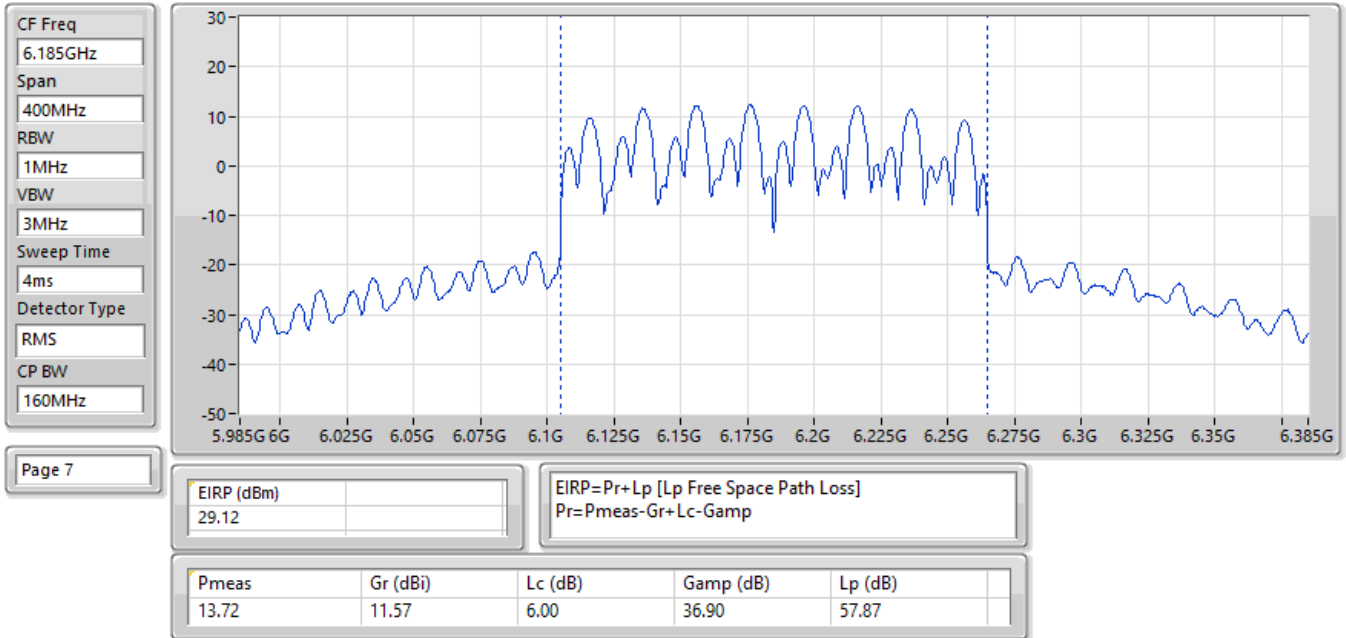
EIRP:Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX



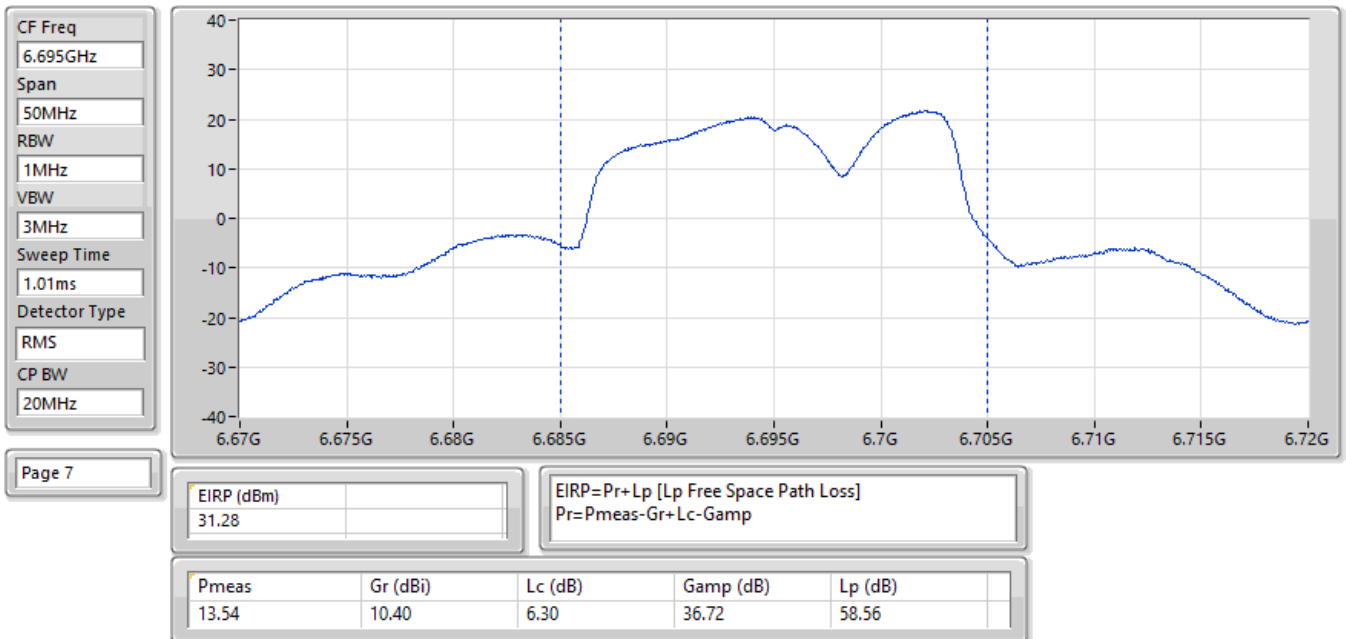
EIRP:Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX



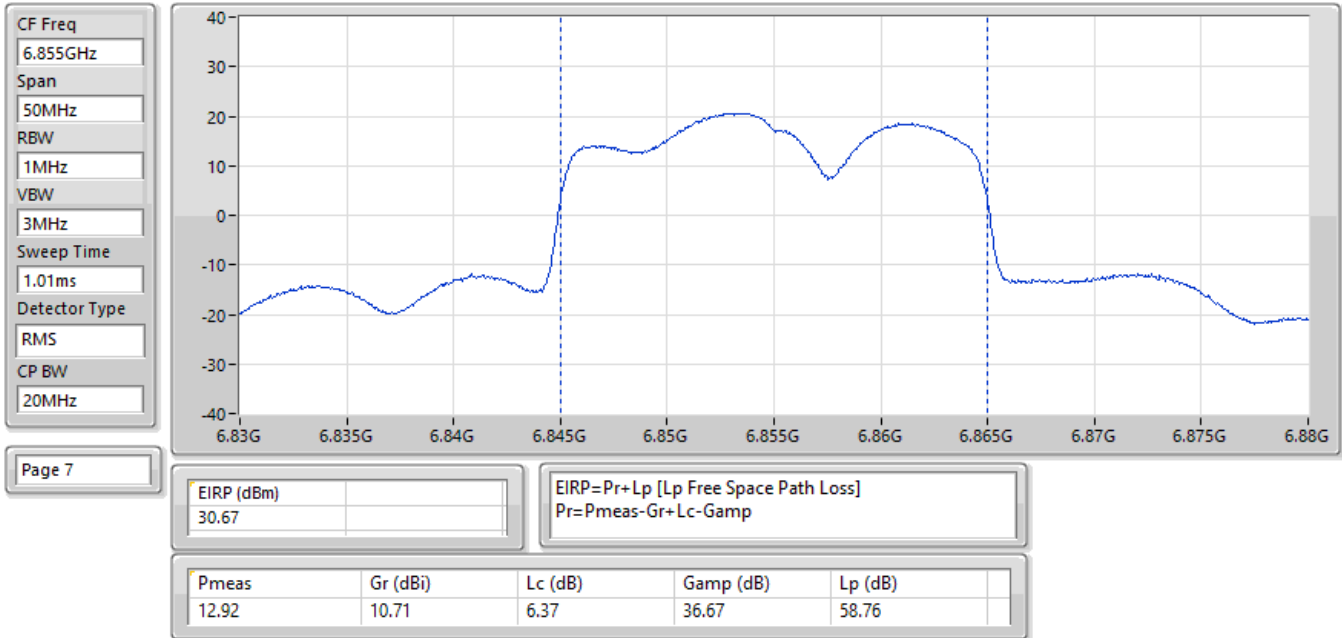
EIRP;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



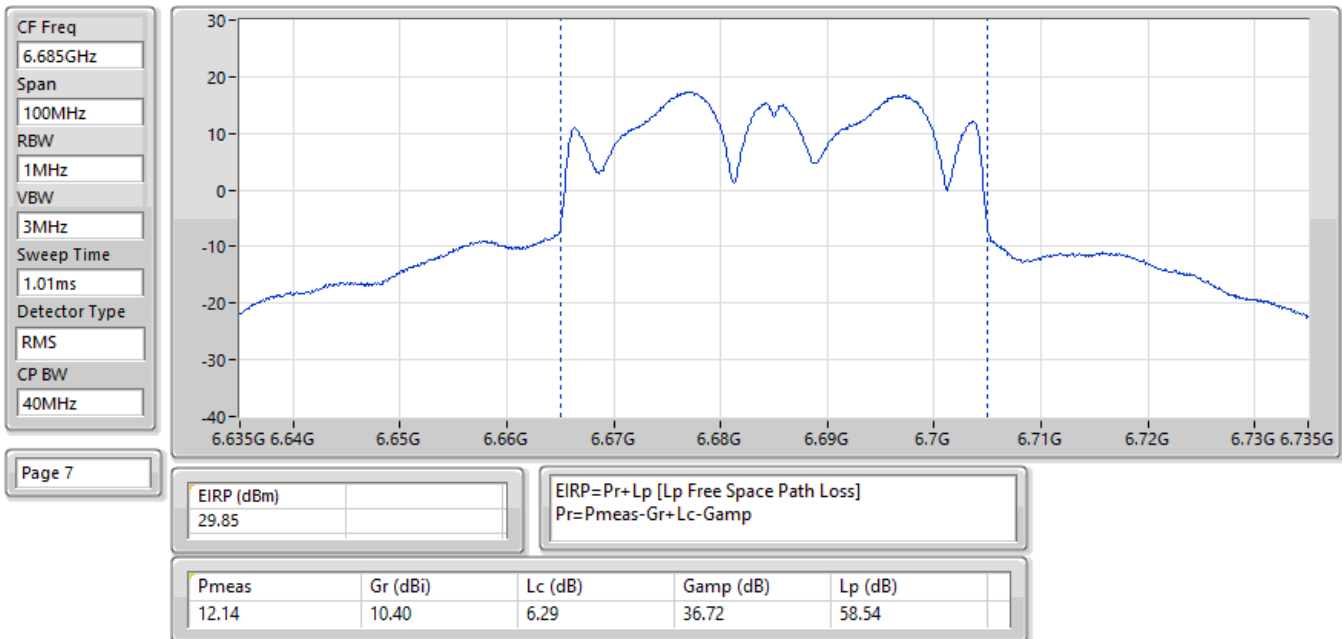
EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6695MHz;TX



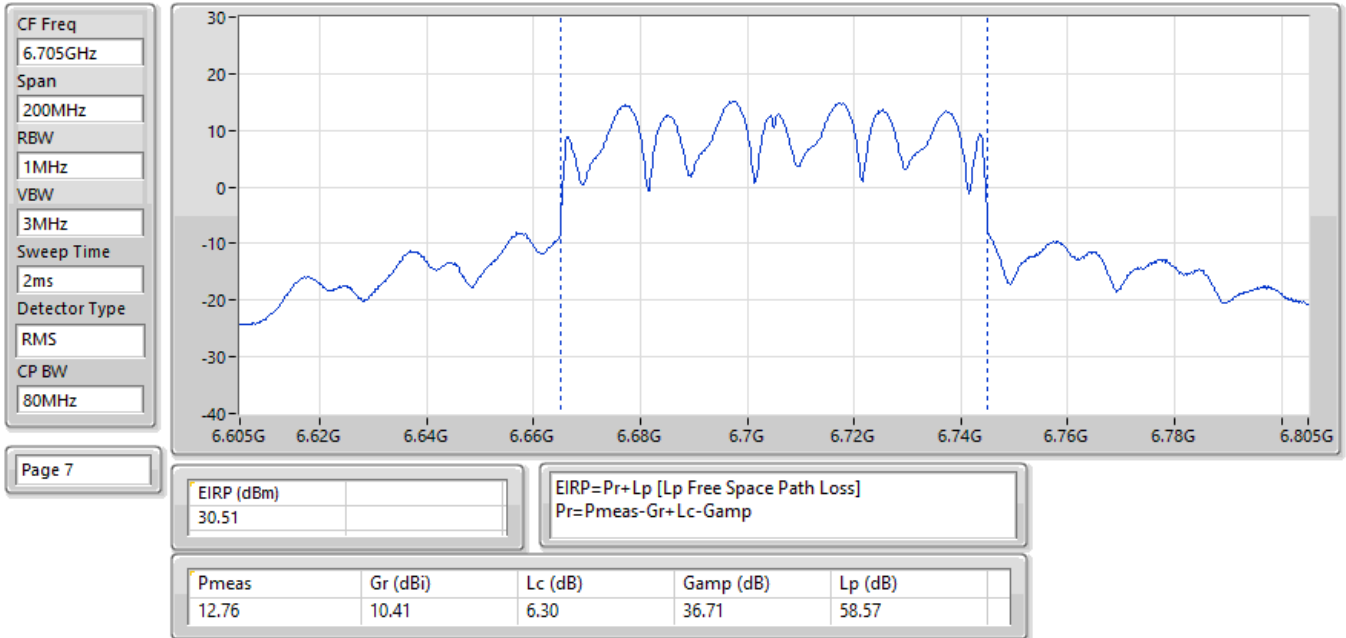
EIRP:Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6855MHz;TX



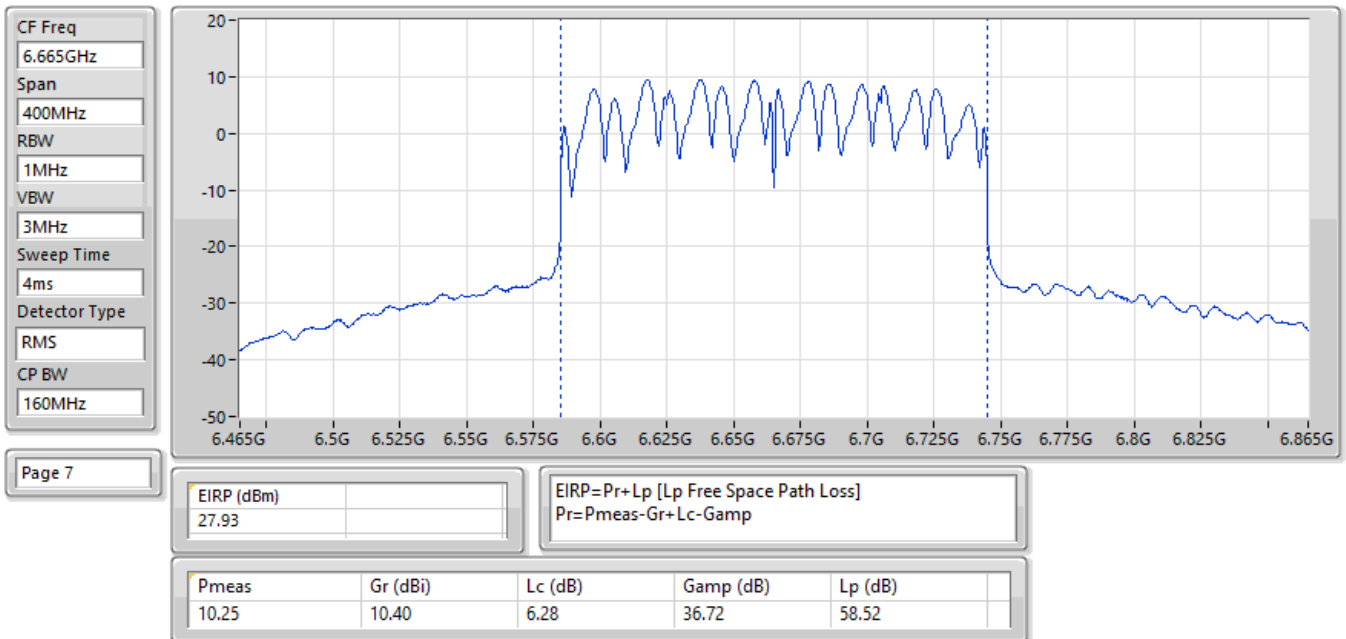
EIRP:Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



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



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





**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result
_Non-Beamforming_Radio 3**

Appendix C.2

Summary

Mode	Total Power (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.91	0.12331
802.11ax HEW20_Nss1,(MCS0)_4TX	20.82	0.12078
802.11ax HEW40_Nss1,(MCS0)_4TX	20.99	0.12560
802.11ax HEW80_Nss1,(MCS0)_4TX	20.82	0.12078
802.11ax HEW160_Nss1,(MCS0)_4TX	20.95	0.12445
6.525-6.875GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.98	0.12531
802.11ax HEW20_Nss1,(MCS0)_4TX	20.80	0.12023
802.11ax HEW40_Nss1,(MCS0)_4TX	20.96	0.11535
802.11ax HEW80_Nss1,(MCS0)_4TX	20.90	0.12303
802.11ax HEW160_Nss1,(MCS0)_4TX	20.91	0.12331



**MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result
_Non-Beamforming_Radio 3**

Appendix C.2

Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
5955MHz	Pass	20.61	21.00
6195MHz	Pass	20.70	21.00
6415MHz	Pass	20.91	21.00
6535MHz	Pass	20.98	21.00
6695MHz	Pass	20.49	21.00
6855MHz	Pass	20.65	21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	16.94	21.00
6195MHz	Pass	20.82	21.00
6415MHz	Pass	20.63	21.00
6535MHz	Pass	20.52	21.00
6695MHz	Pass	20.73	21.00
6855MHz	Pass	20.80	21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	17.85	21.00
6205MHz	Pass	20.49	21.00
6405MHz	Pass	20.99	21.00
6565MHz	Pass	20.61	21.00
6685MHz	Pass	20.62	21.00
6845MHz	Pass	20.96	21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	17.12	21.00
6225MHz	Pass	20.69	21.00
6385MHz	Pass	20.82	21.00
6625MHz	Pass	20.55	21.00
6705MHz	Pass	20.86	21.00
6785MHz	Pass	20.90	21.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	18.10	21.00
6185MHz	Pass	20.56	21.00
6345MHz	Pass	20.95	21.00
6665MHz	Pass	20.91	21.00

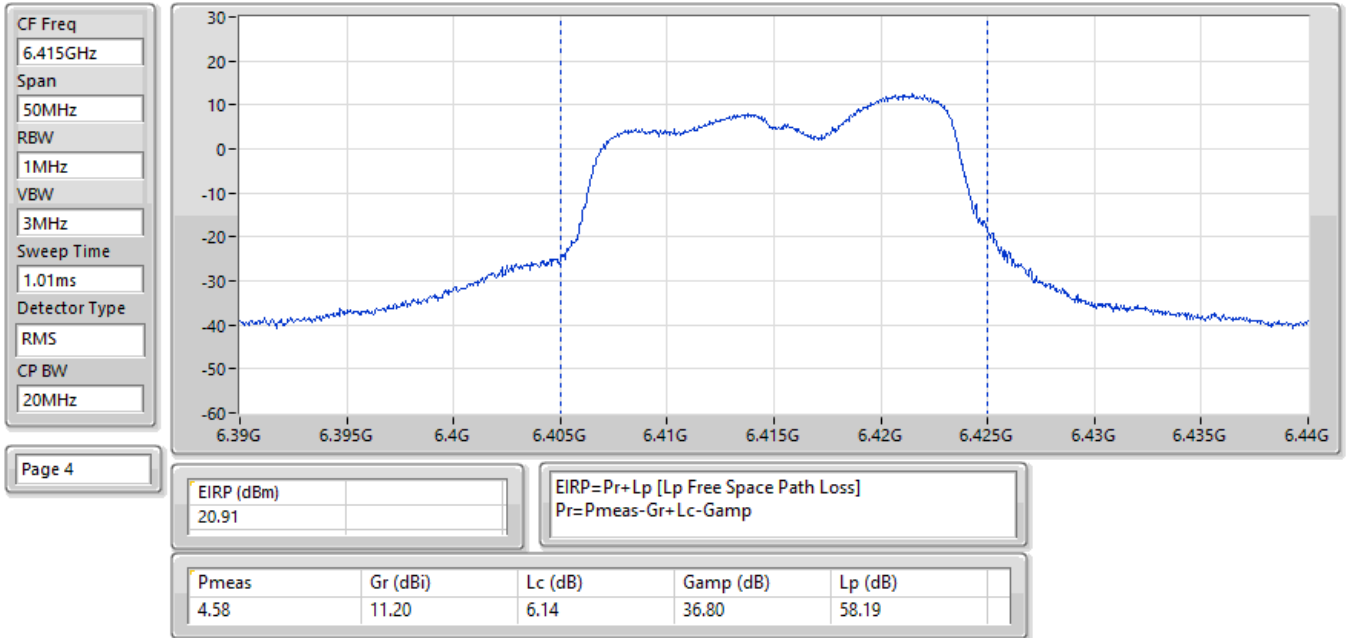
DG = Directional Gain; Port X = Port X output power



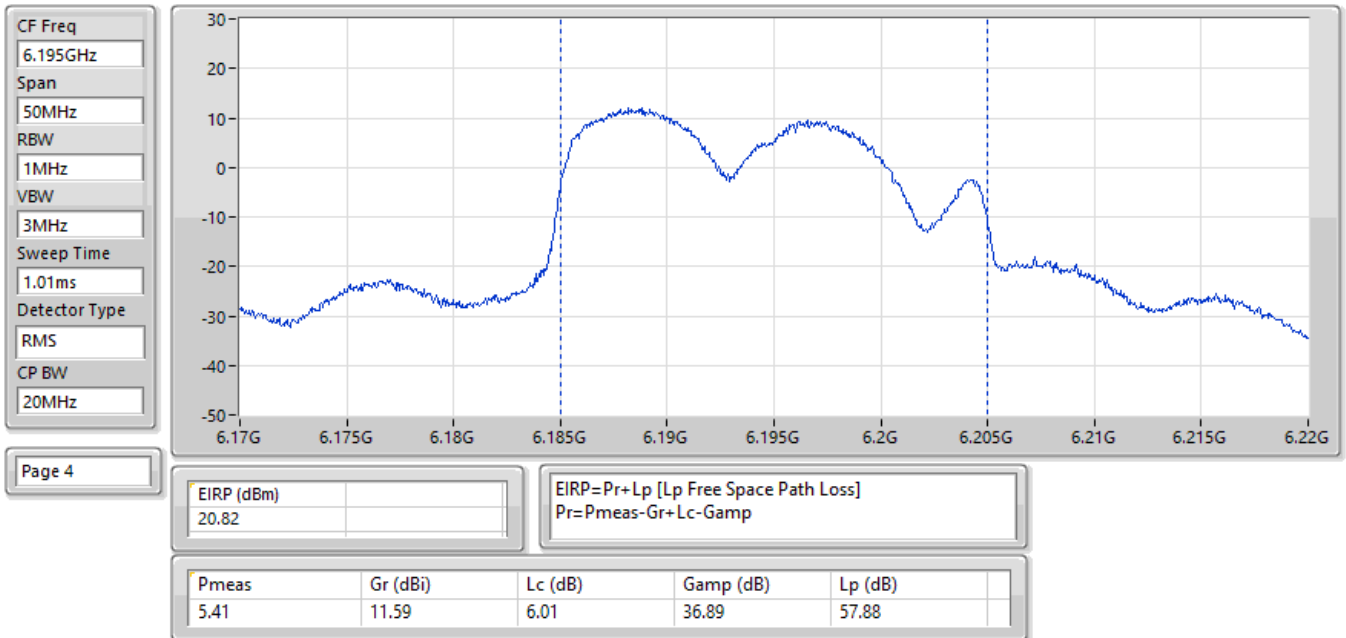
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming_Radio 3

Appendix C.2

EIRP:Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6415MHz;TX



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

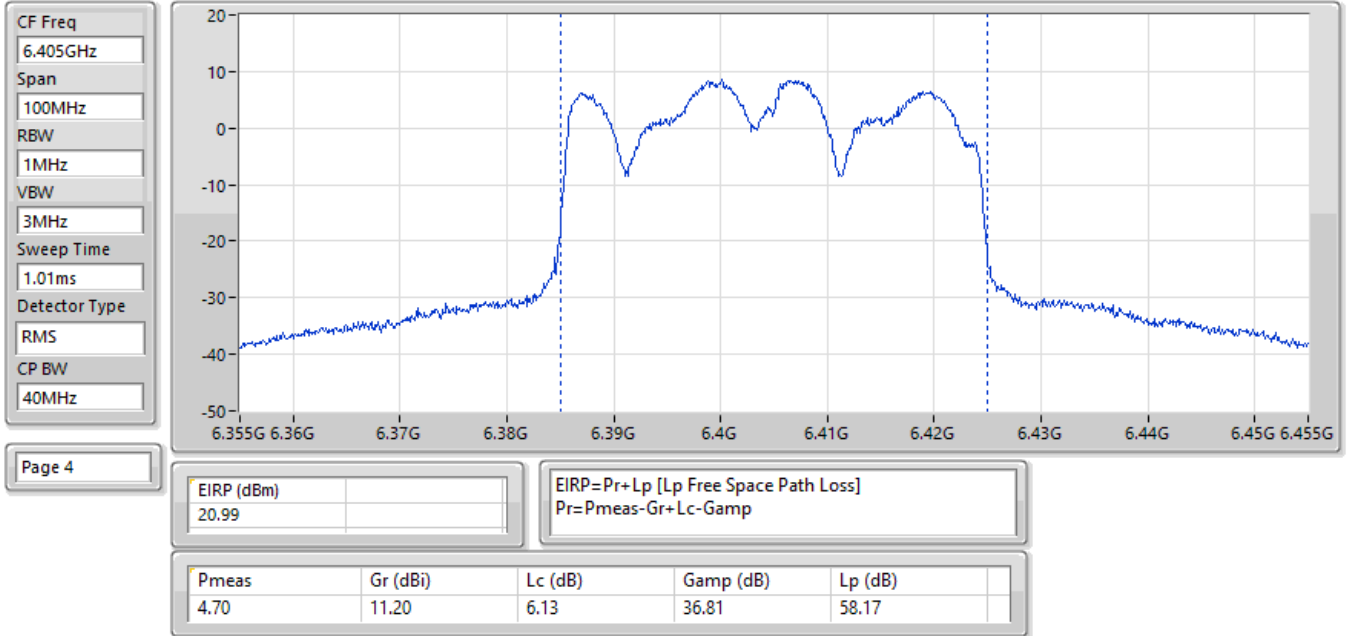




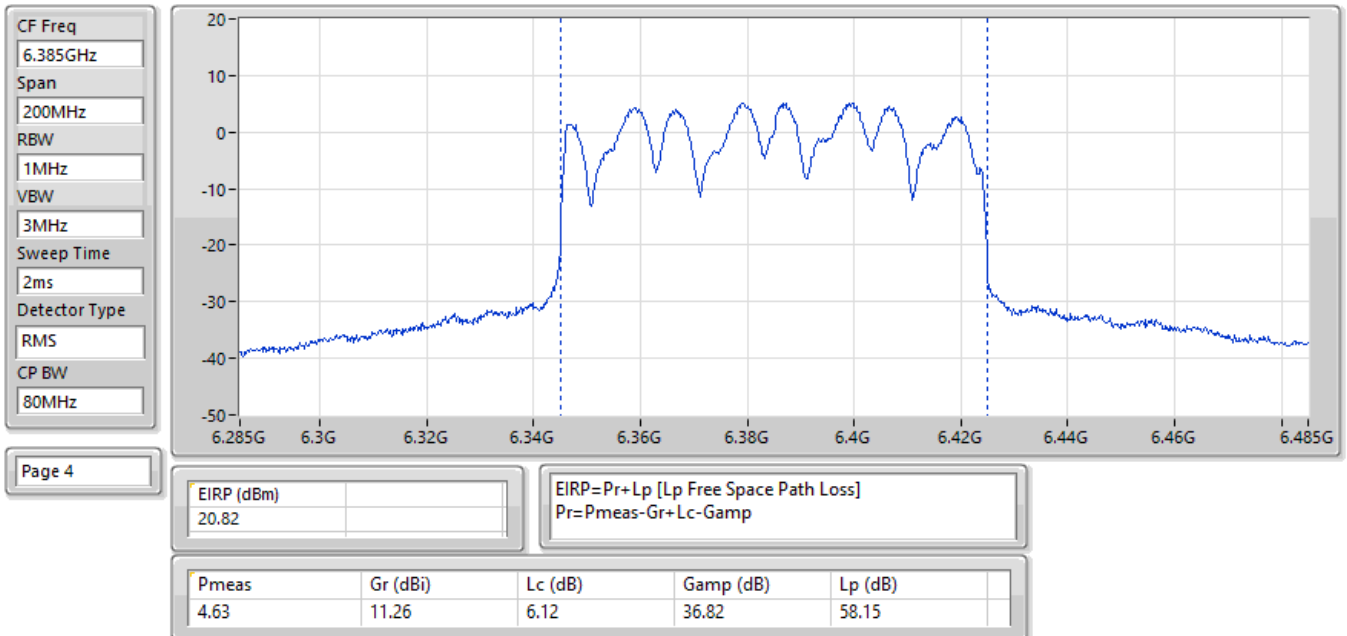
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming_Radio 3

Appendix C.2

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



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

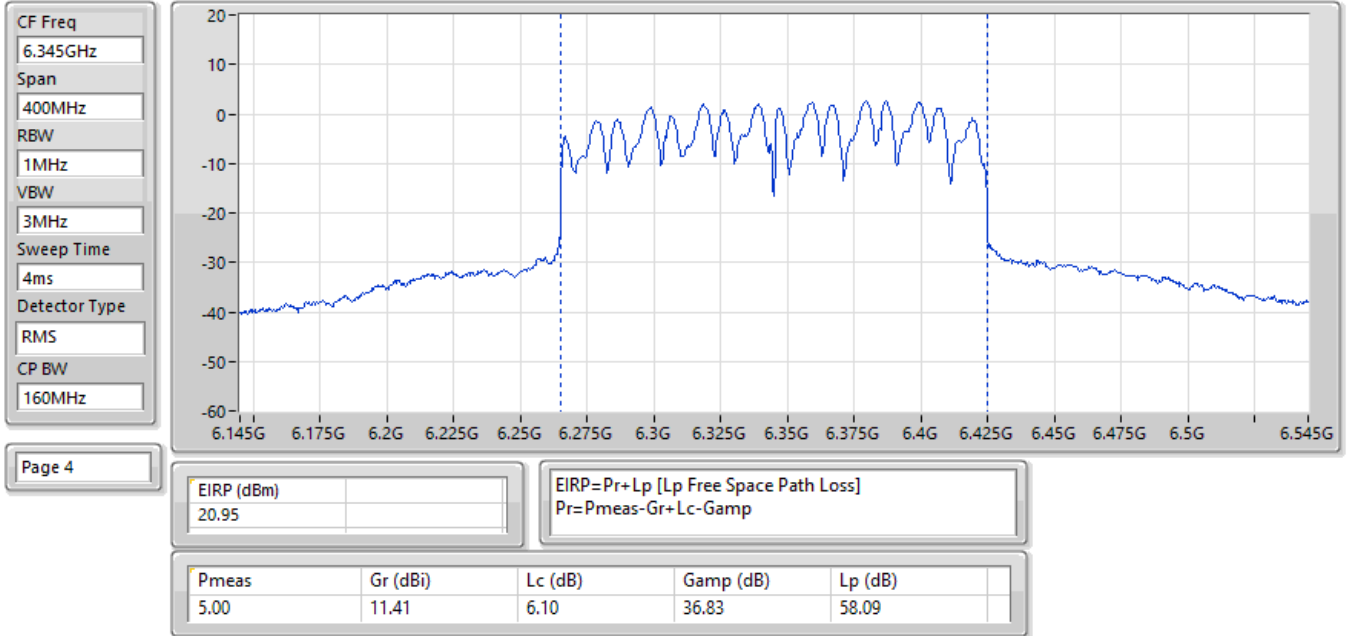




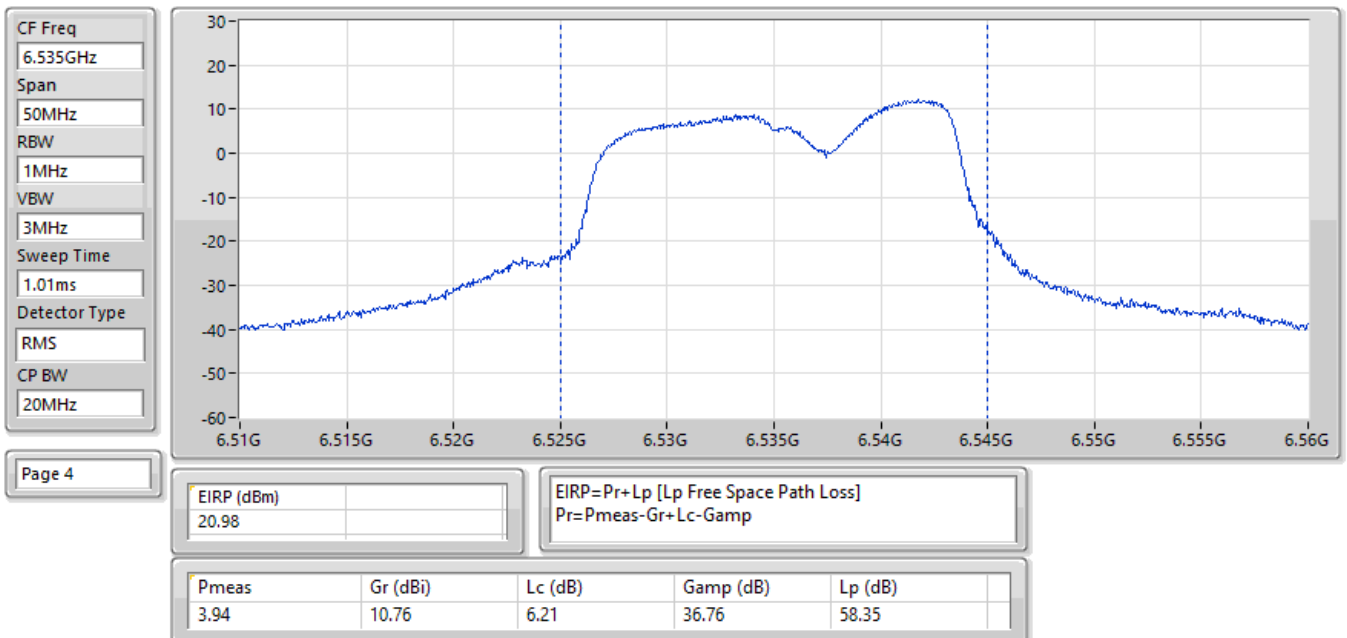
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming_Radio 3

Appendix C.2

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



EIRP;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6535MHz;TX

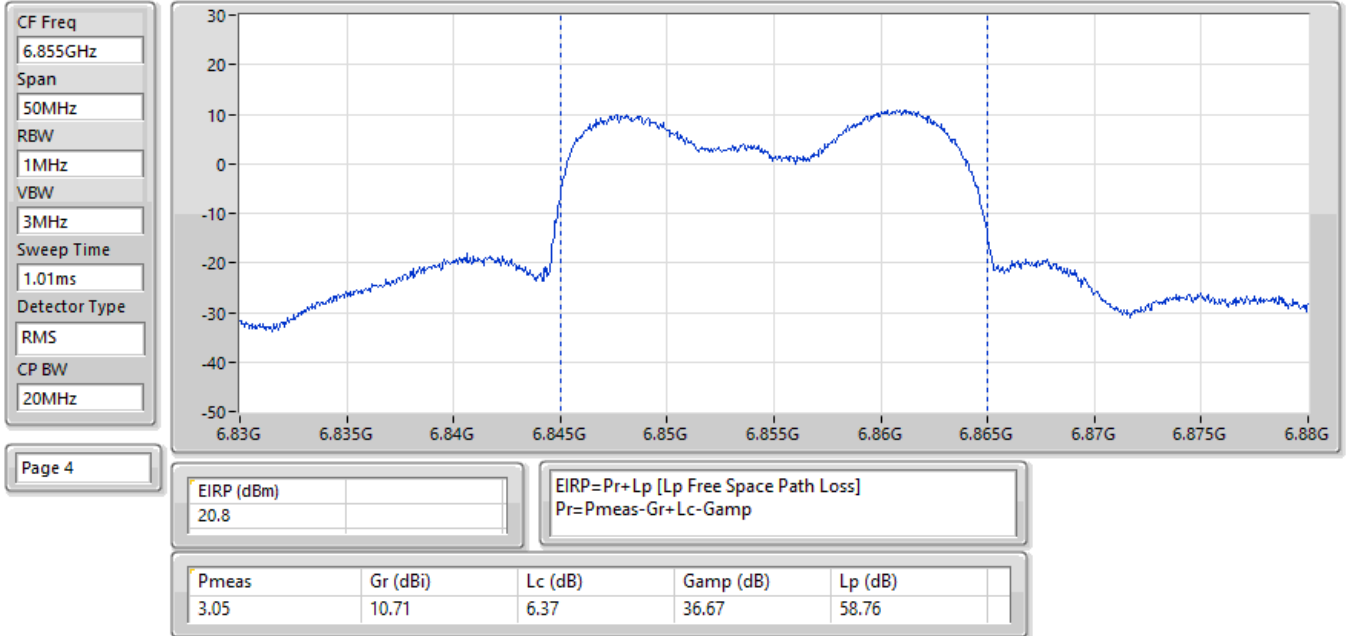




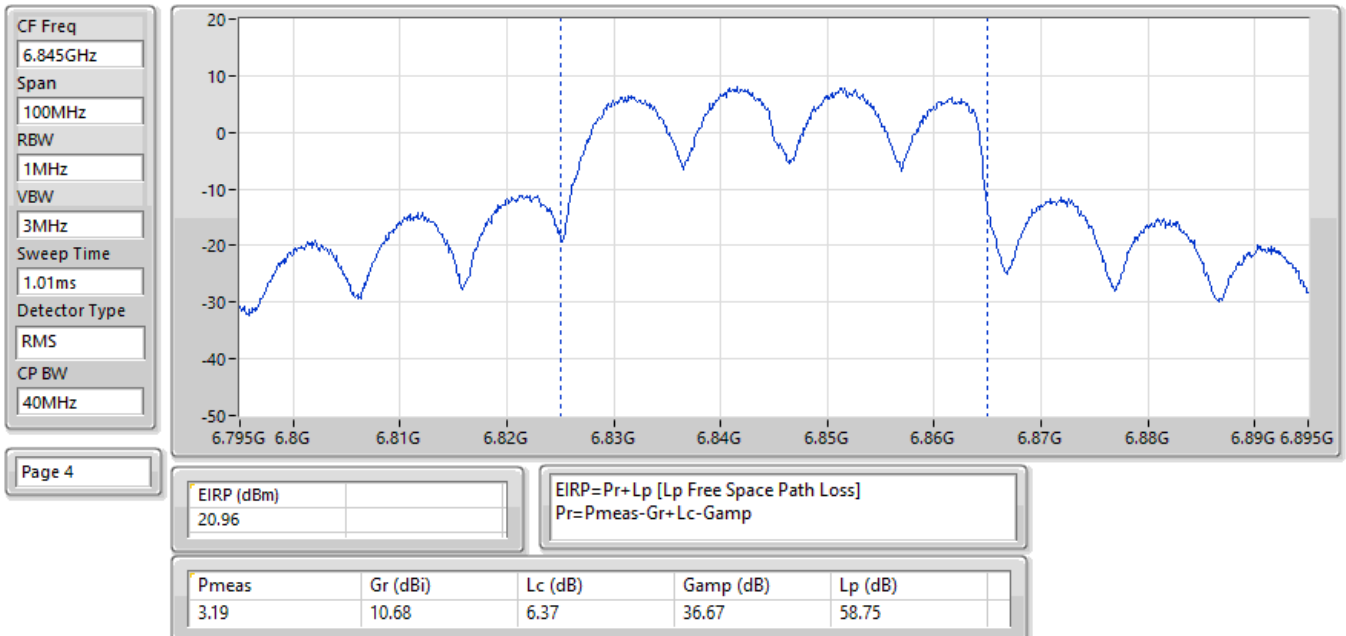
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming_Radio 3

Appendix C.2

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



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

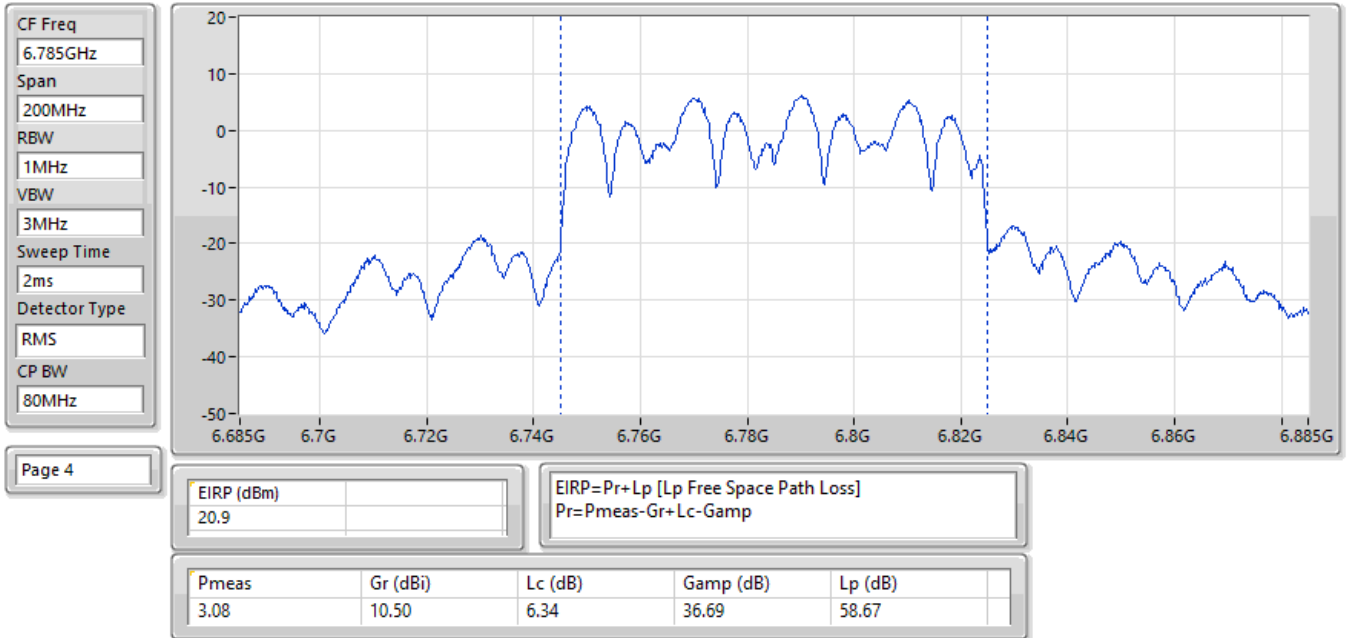




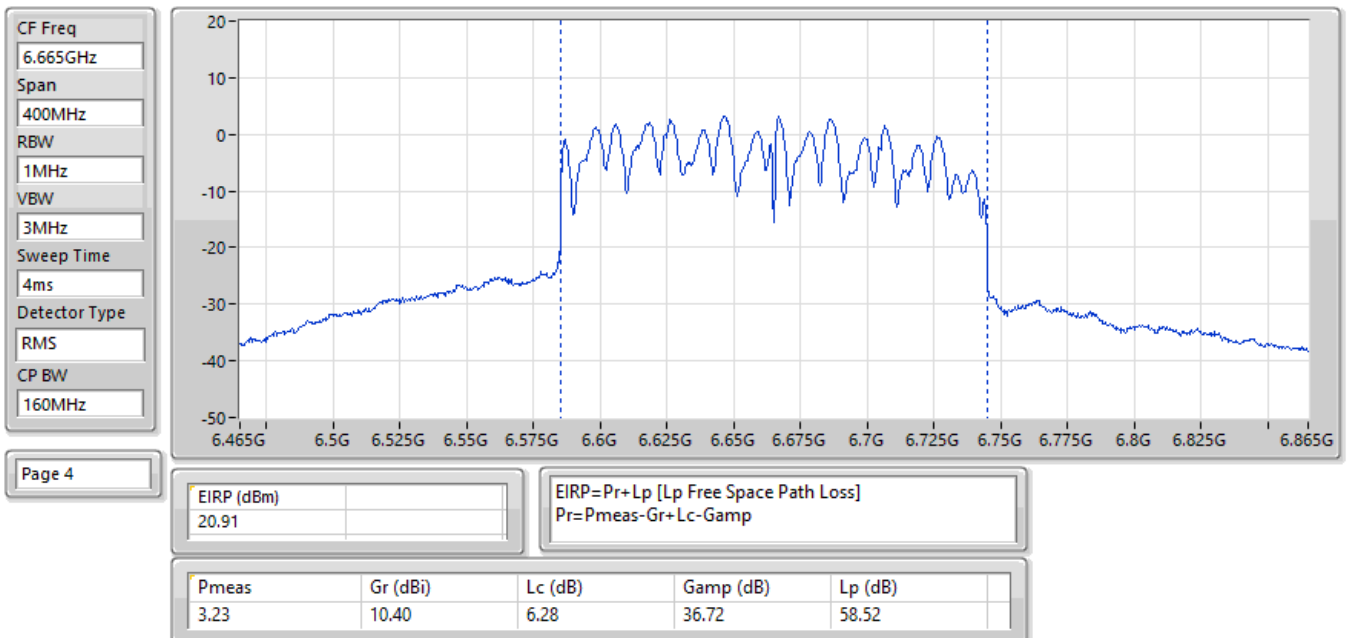
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Non-Beamforming_Radio 3

Appendix C.2

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



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





Summary

Mode	EIRP (dBm)
5.925-6.425GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.06
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.14
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.15
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.98
6.525-6.875GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.94
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.05
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.10
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.61



Radiated EIRP_Beamforming_Radio 3

Appendix C.3

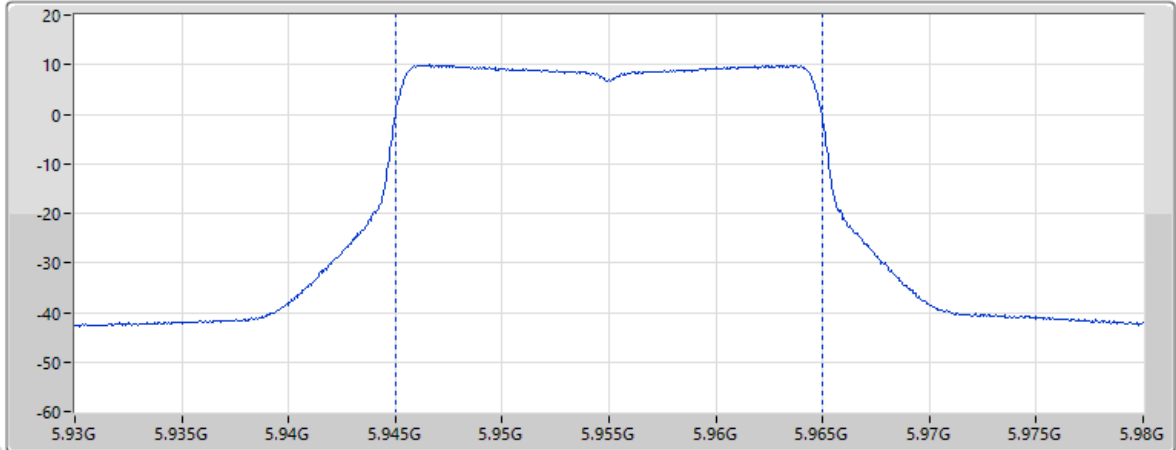
Result

Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	23.06	36.00
6195MHz	Pass	22.97	36.00
6415MHz	Pass	22.85	36.00
6535MHz	Pass	23.26	36.00
6695MHz	Pass	23.94	36.00
6855MHz	Pass	23.25	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	23.14	36.00
6205MHz	Pass	23.02	36.00
6405MHz	Pass	22.90	36.00
6565MHz	Pass	24.05	36.00
6685MHz	Pass	23.89	36.00
6845MHz	Pass	23.15	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	22.22	36.00
6225MHz	Pass	23.01	36.00
6385MHz	Pass	23.15	36.00
6625MHz	Pass	23.65	36.00
6705MHz	Pass	24.10	36.00
6785MHz	Pass	23.30	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	22.52	36.00
6185MHz	Pass	22.42	36.00
6345MHz	Pass	22.98	36.00
6665MHz	Pass	23.61	36.00

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

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

CF Freq
5.955GHz
Span
50MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
20MHz



Page 7

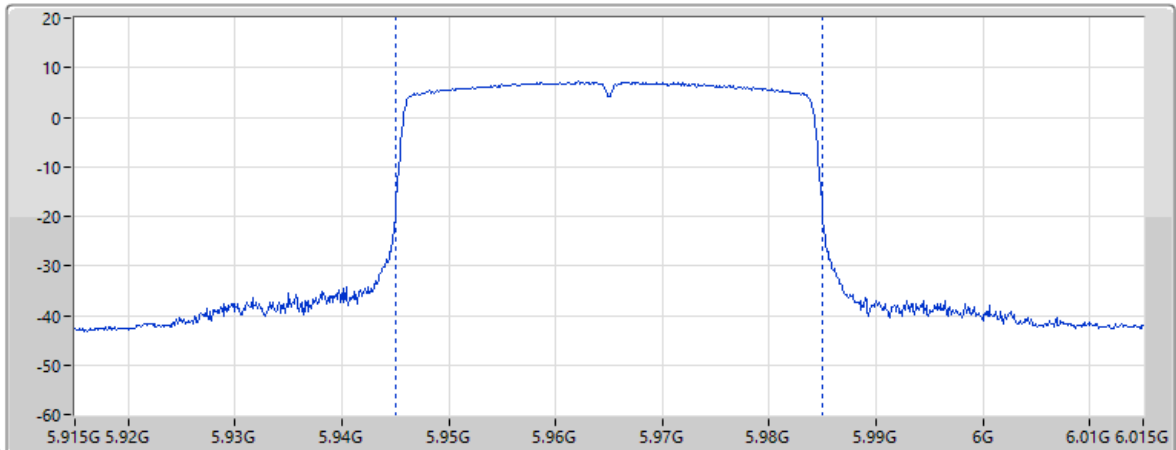
EIRP (dBm)
23.06

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

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.83	11.21	5.90	37.00	57.54

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

CF Freq
5.965GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS
CP BW
40MHz



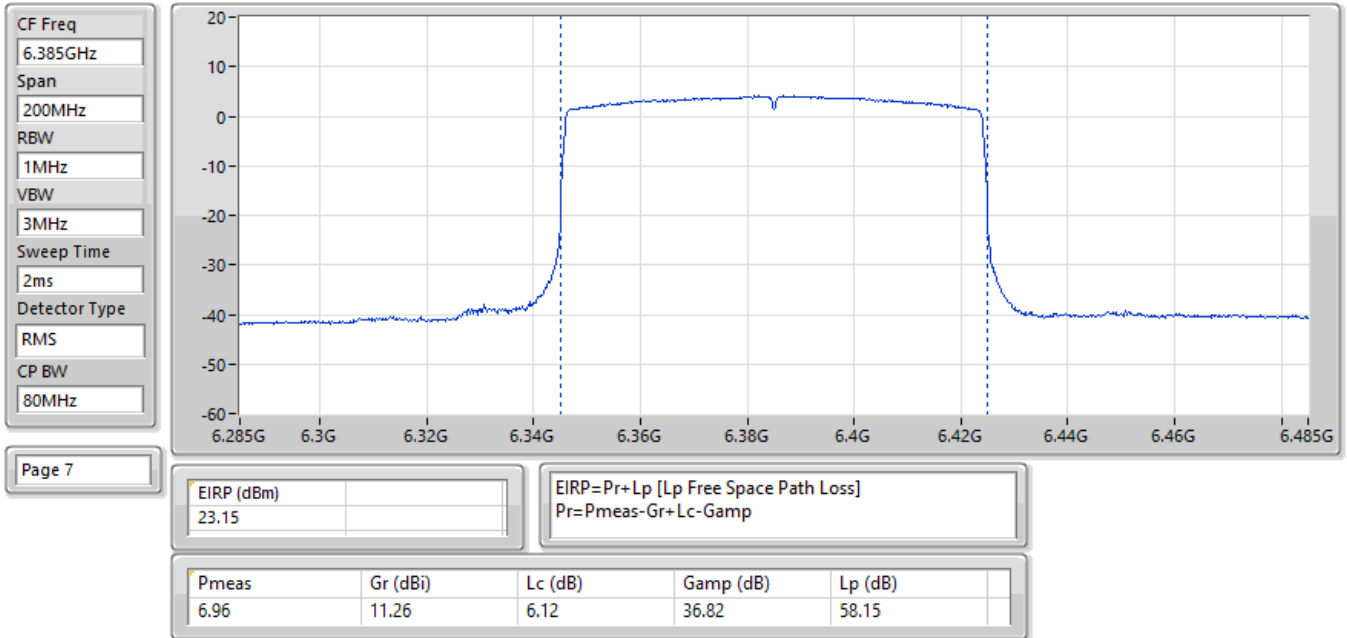
Page 7

EIRP (dBm)
23.14

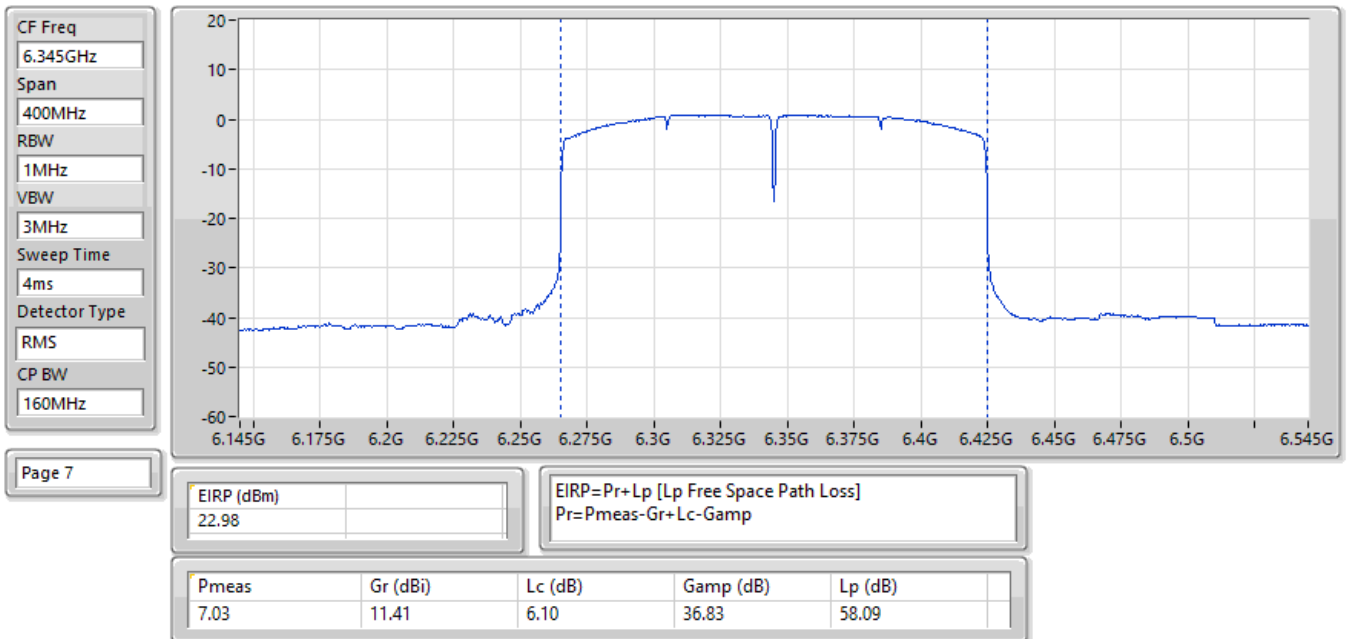
EIRP=Pr+Lp [Lp Free Space Path Loss]
Pr=Pmeas-Gr+Lc-Gamp

Pmeas	Gr (dBi)	Lc (dB)	Gamp (dB)	Lp (dB)
7.92	11.23	5.90	37.00	57.55

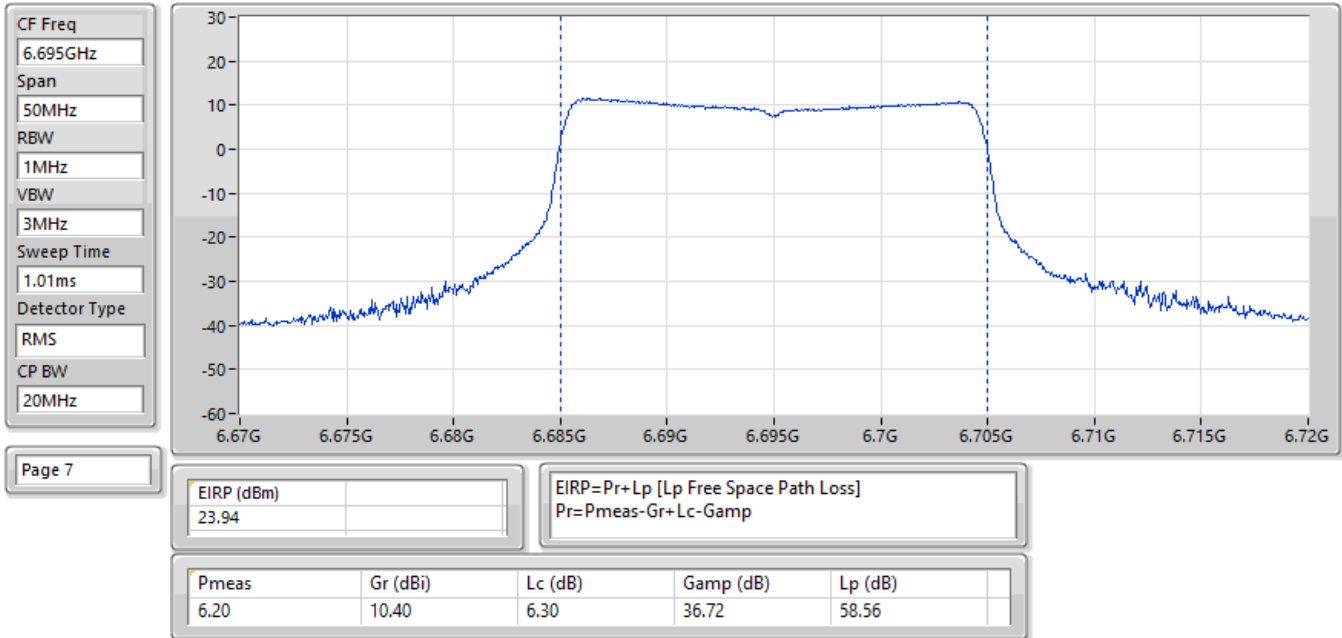
EIRP;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



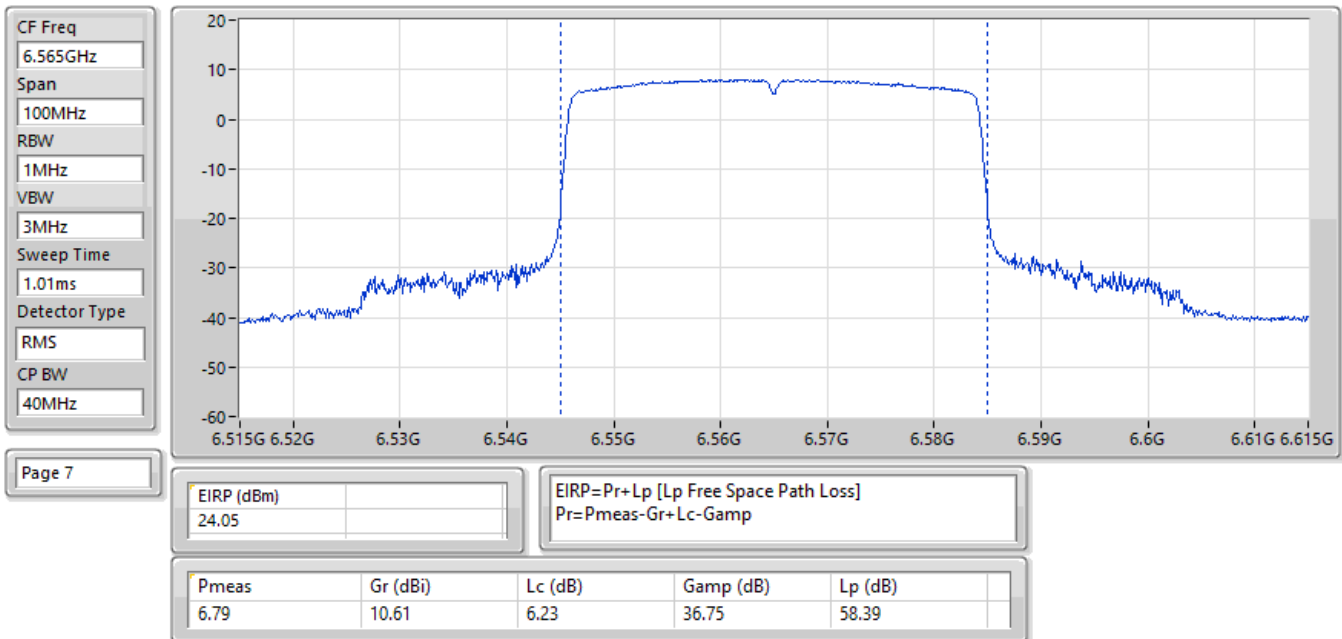
EIRP;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX



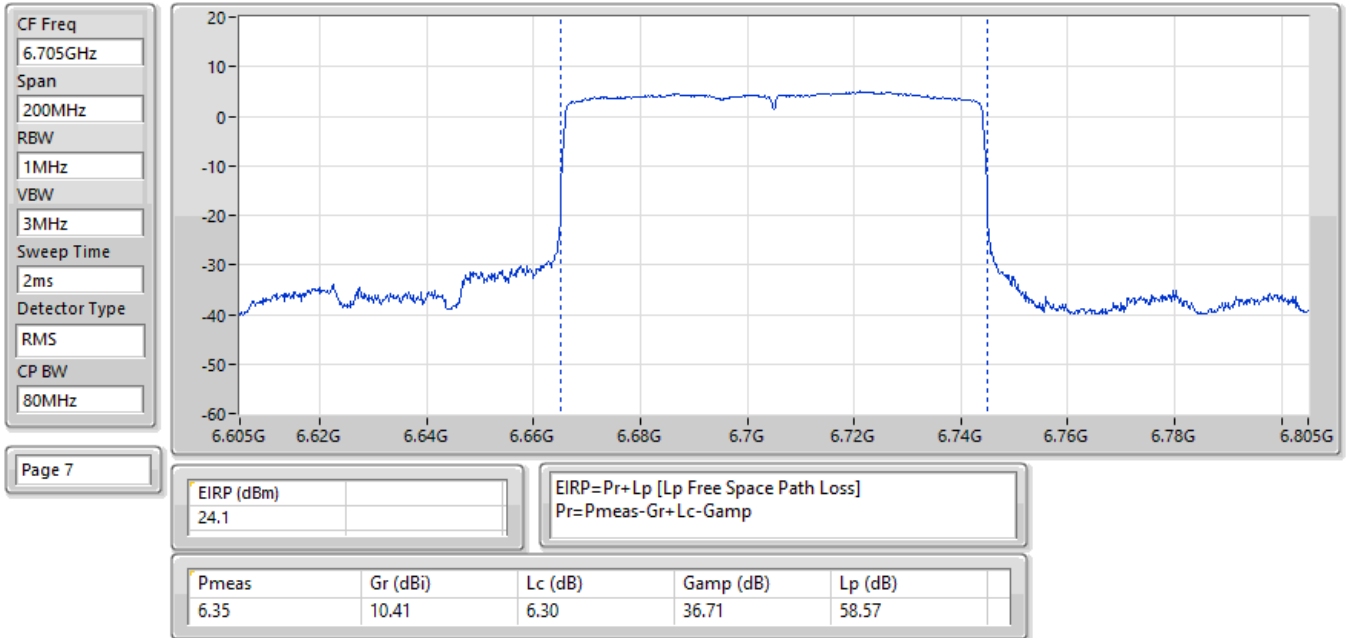
EIRP:Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



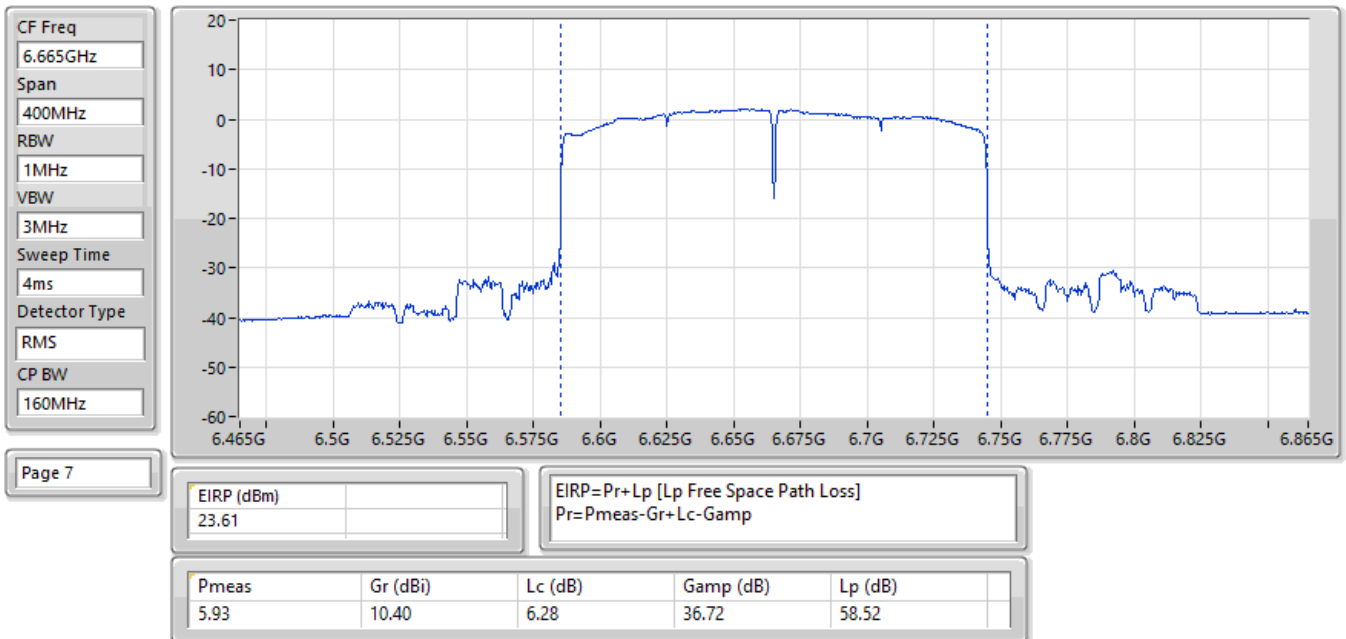
EIRP:Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX



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



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





MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result
Beamforming_Radio 3

Appendix C.4

Summary

Mode	Result	Level (dBm)	Limit (dBm)
5.925-6.425GHz	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	8.10	21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	12.74	21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	14.85	21.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	11.93	21.00
6.525-6.875GHz	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	12.83	21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	14.34	21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	11.65	21.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	14.85	21.00



MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result
Beamforming_Radio 3

Appendix C.4

Result

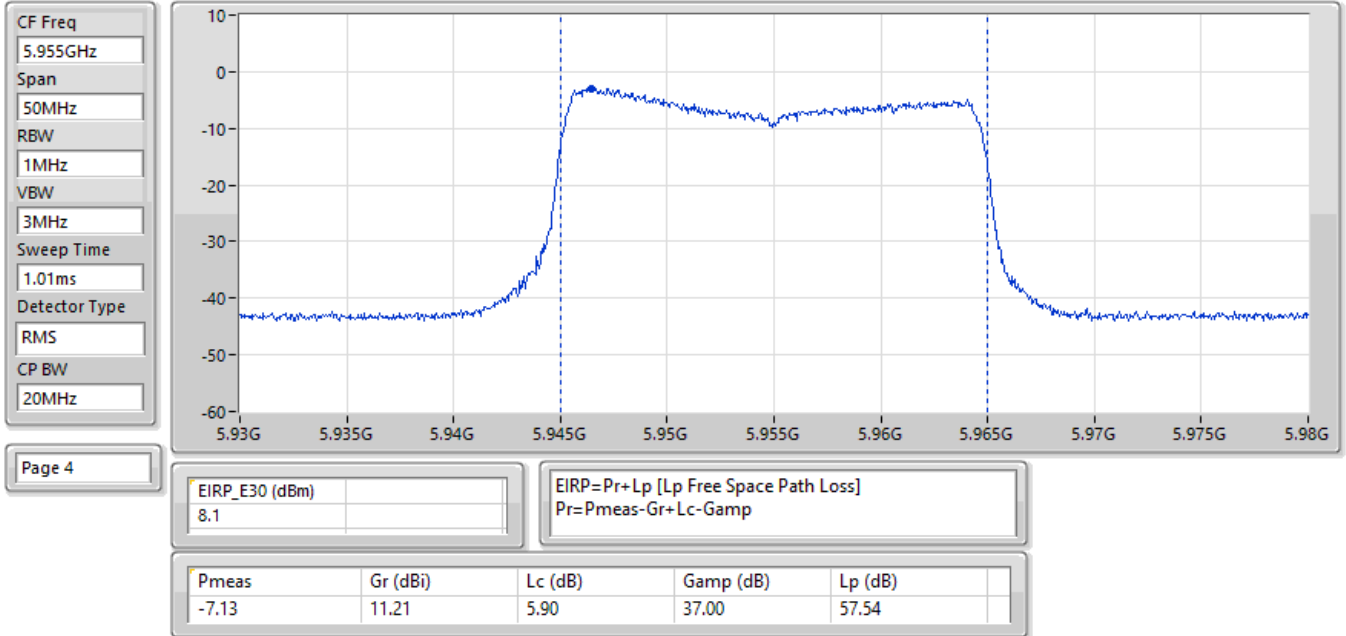
Mode	Result	Level (dBm)	Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	8.10	21.00
6695MHz	Pass	12.83	21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	12.74	21.00
6565MHz	Pass	14.34	21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
6385MHz	Pass	14.85	21.00
6705MHz	Pass	11.65	21.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6345MHz	Pass	11.93	21.00
6665MHz	Pass	14.85	21.00



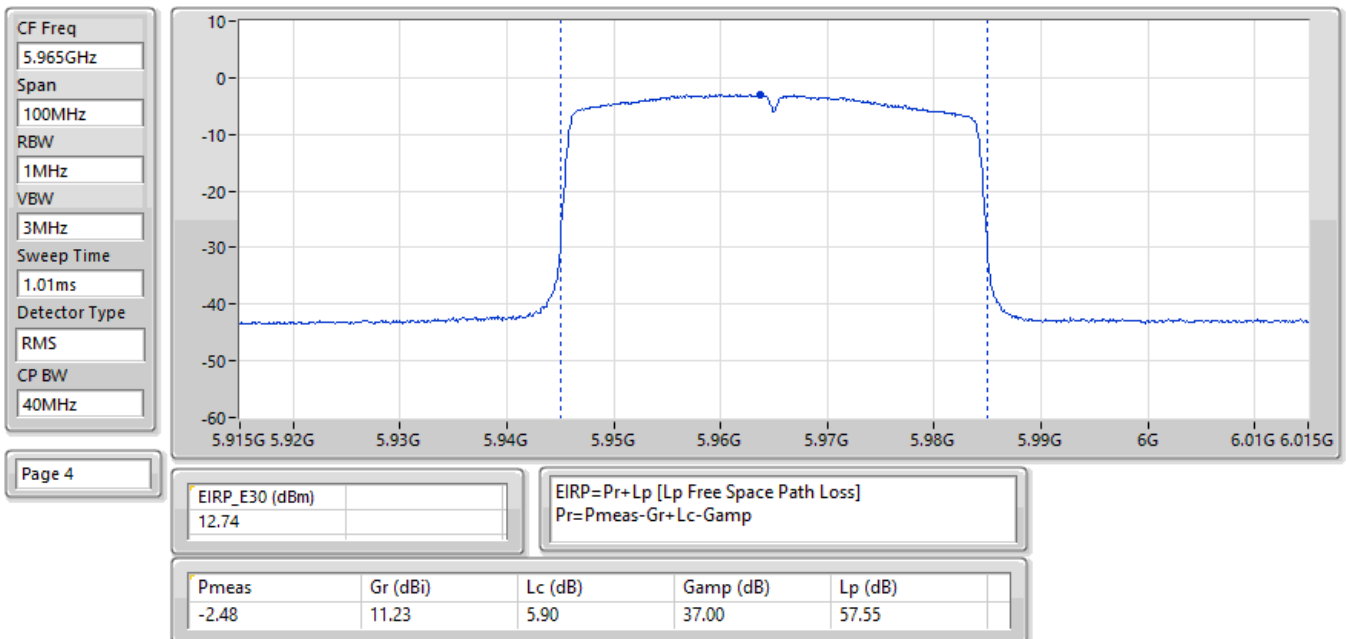
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Beamforming_Radio 3

Appendix C.4

EIRP Elevation above 30°;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX



EIRP Elevation above 30°;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX

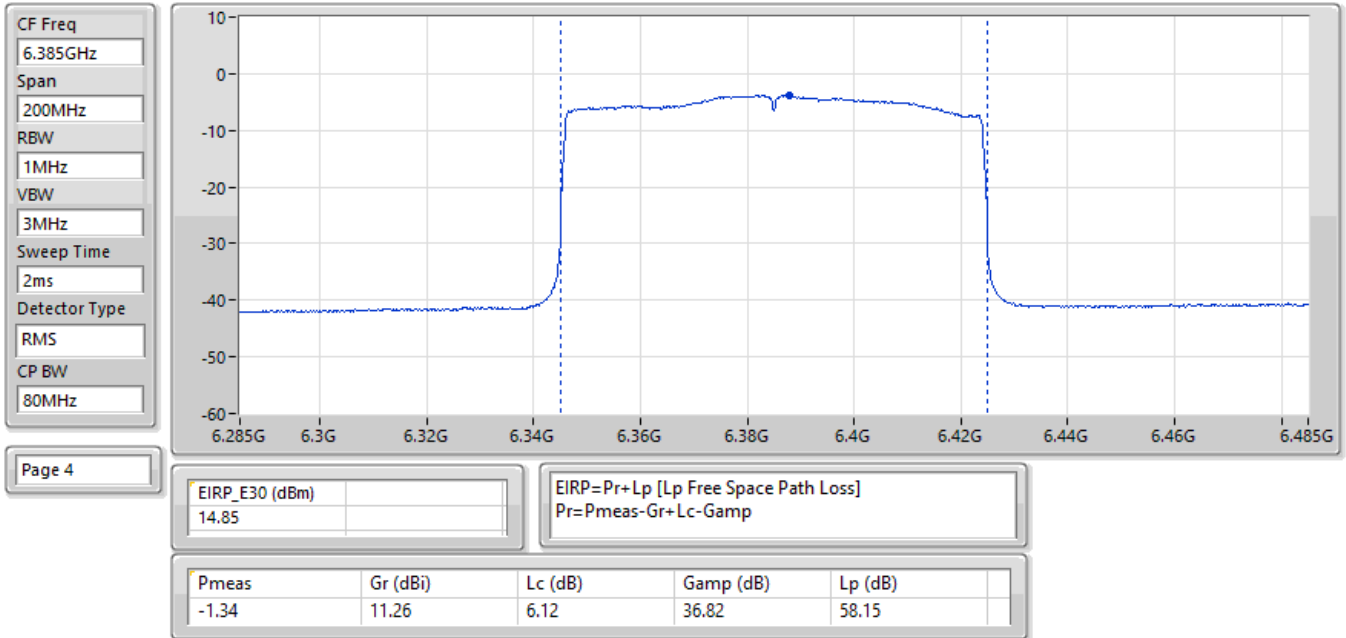




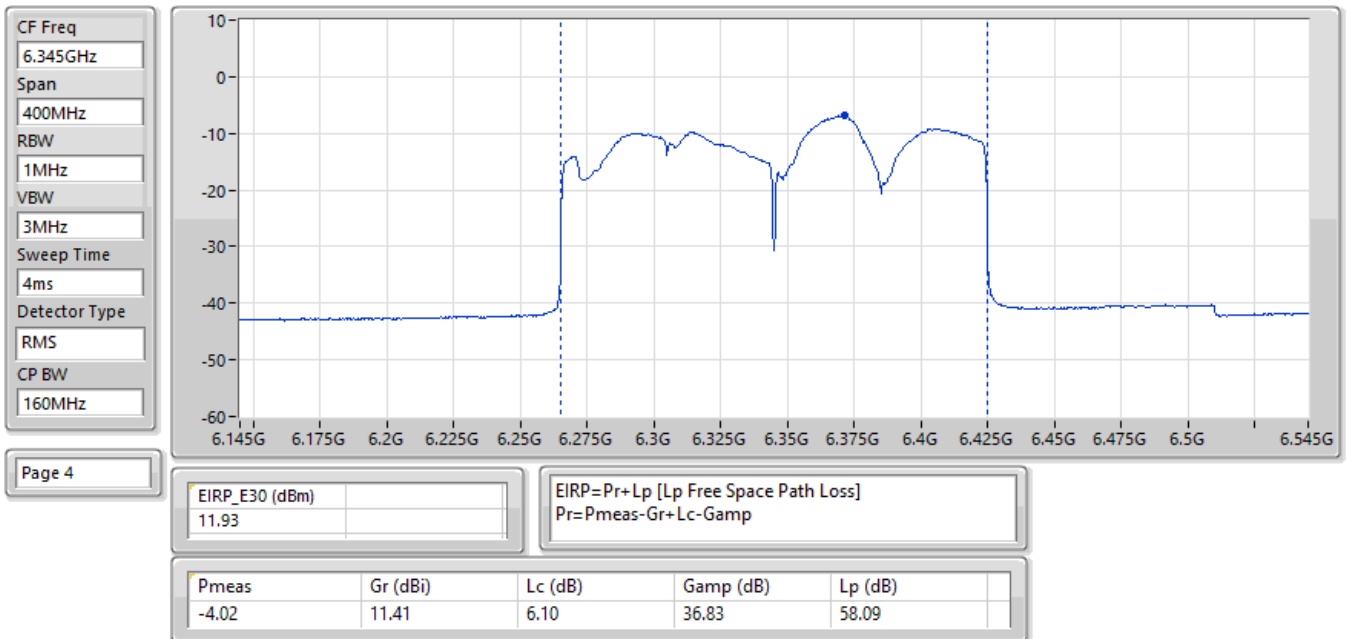
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Beamforming Radio 3

Appendix C.4

EIRP Elevation above 30°;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



EIRP Elevation above 30°;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6345MHz;TX

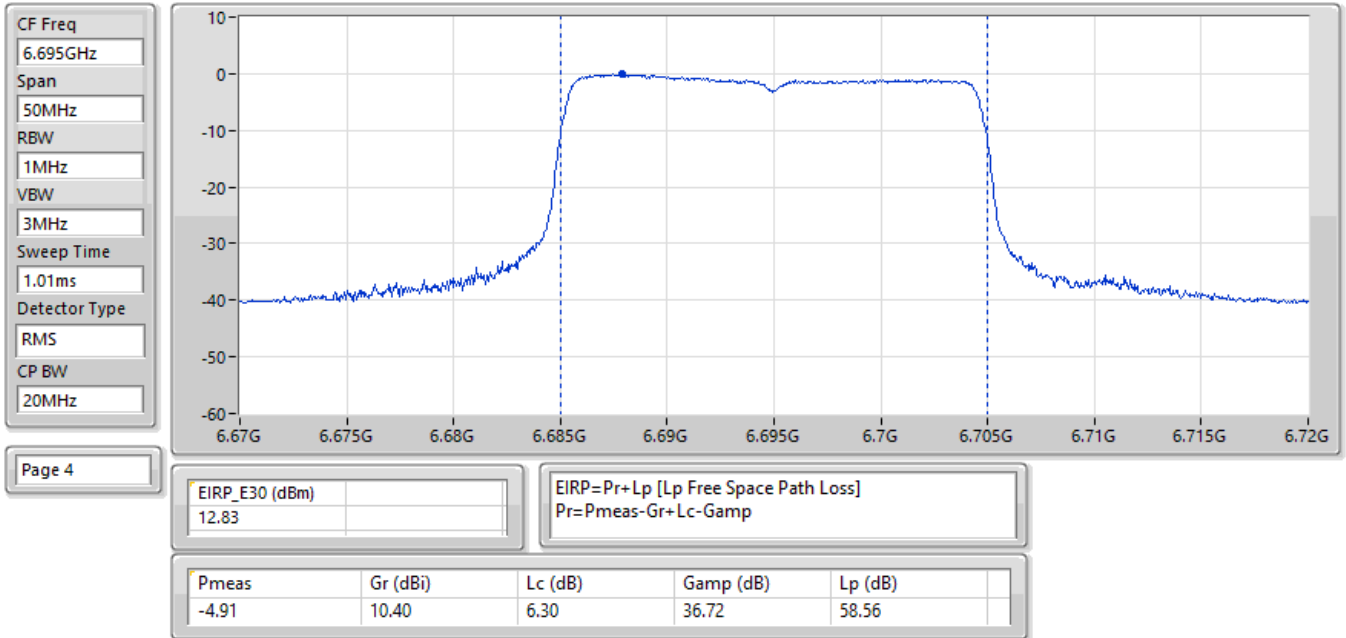




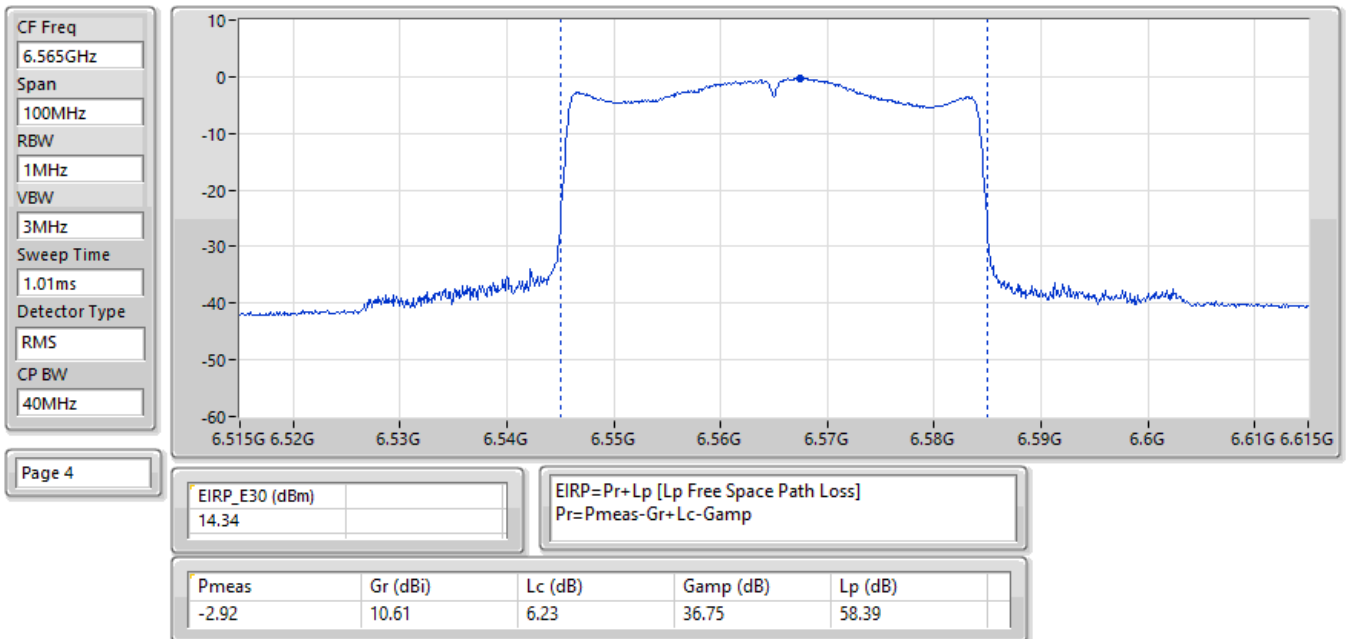
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Beamforming_Radio 3

Appendix C.4

EIRP Elevation above 30°;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



EIRP Elevation above 30°;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6565MHz;TX

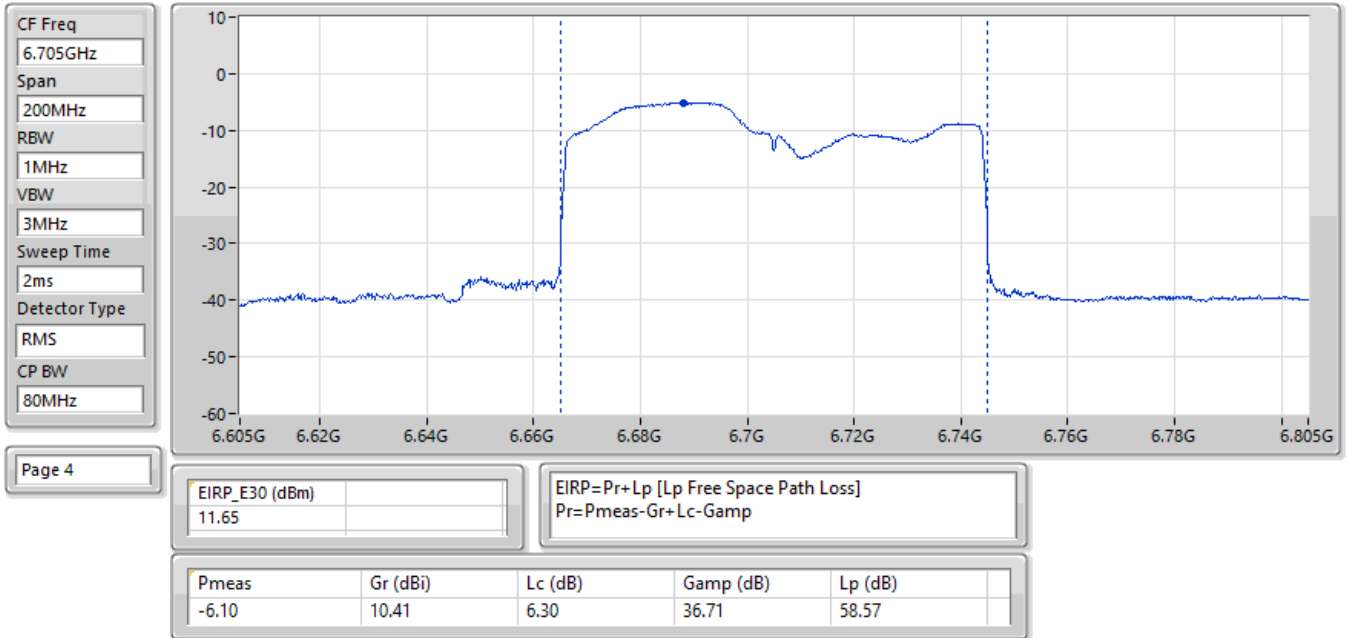




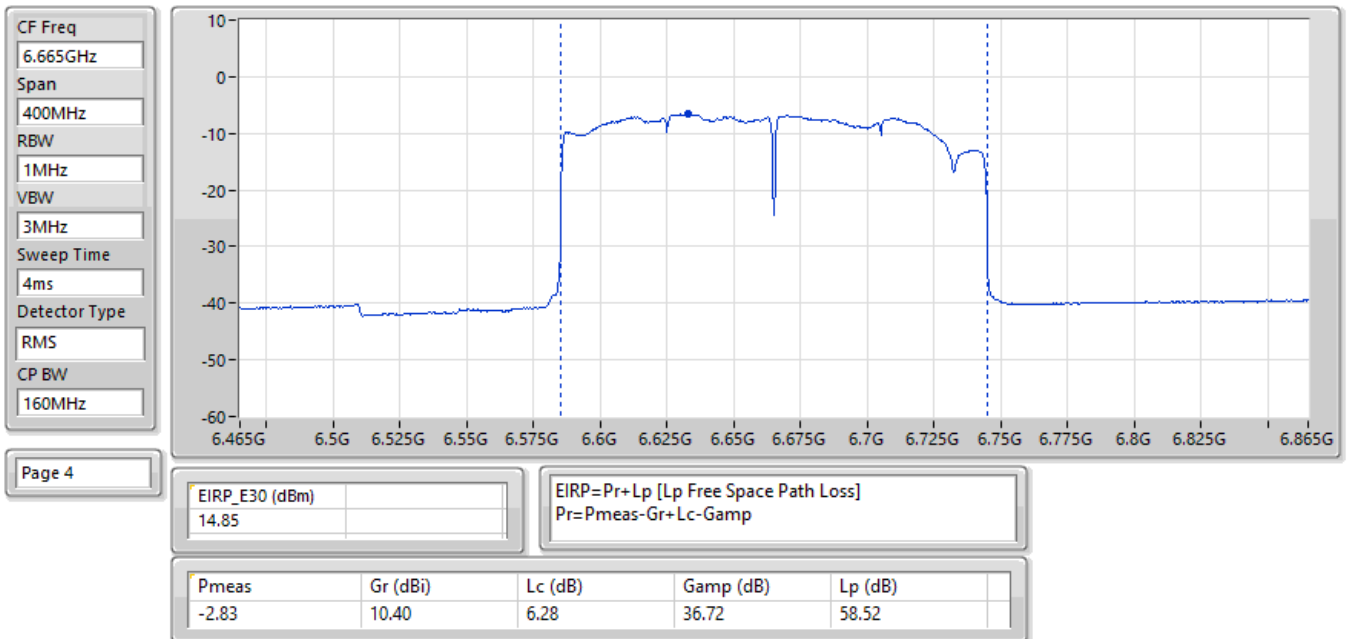
MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result Beamforming_Radio 3

Appendix C.4

EIRP Elevation above 30°;Band:6.7G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6705MHz;TX



EIRP Elevation above 30°;Band:6.7G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6665MHz;TX





Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11a_Nss1,(6Mbps)_4TX	22.54
802.11ax HEW20_Nss1,(MCS0)_4TX	21.87
802.11ax HEW40_Nss1,(MCS0)_4TX	18.07
802.11ax HEW80_Nss1,(MCS0)_4TX	15.89
802.11ax HEW160_Nss1,(MCS0)_4TX	12.52
6.525-6.875GHz	-
802.11a_Nss1,(6Mbps)_4TX	21.36
802.11ax HEW20_Nss1,(MCS0)_4TX	22.08
802.11ax HEW40_Nss1,(MCS0)_4TX	18.86
802.11ax HEW80_Nss1,(MCS0)_4TX	16.47
802.11ax HEW160_Nss1,(MCS0)_4TX	11.15

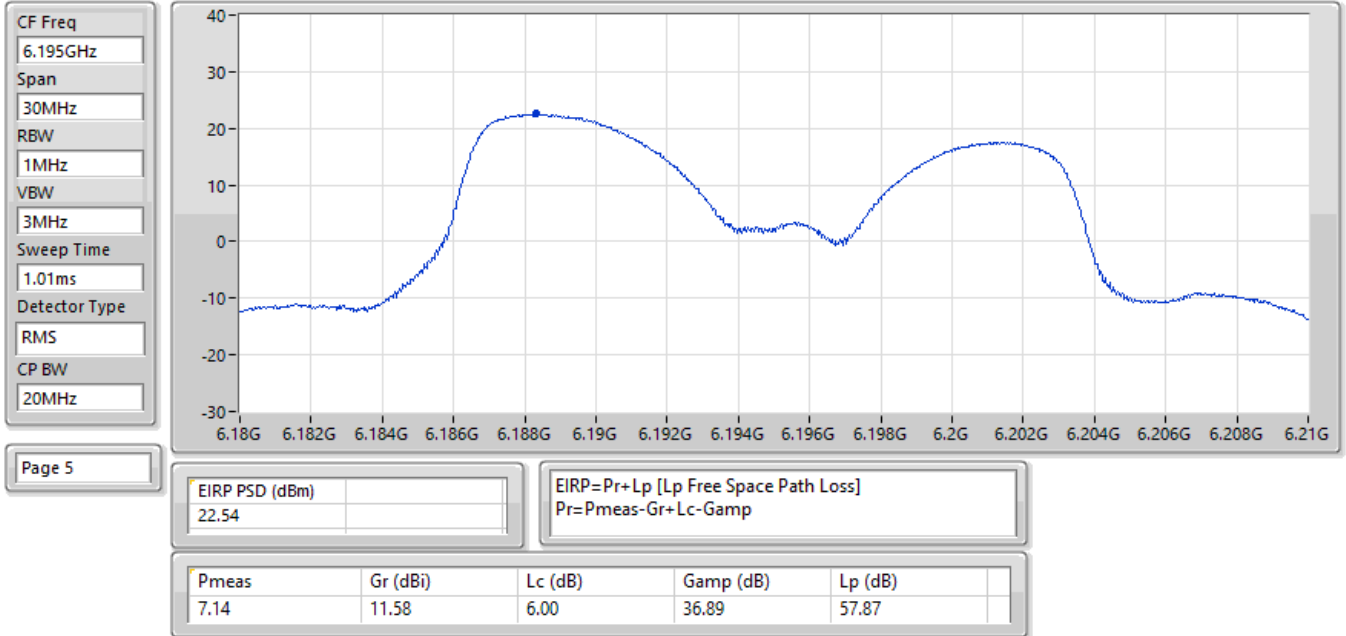
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

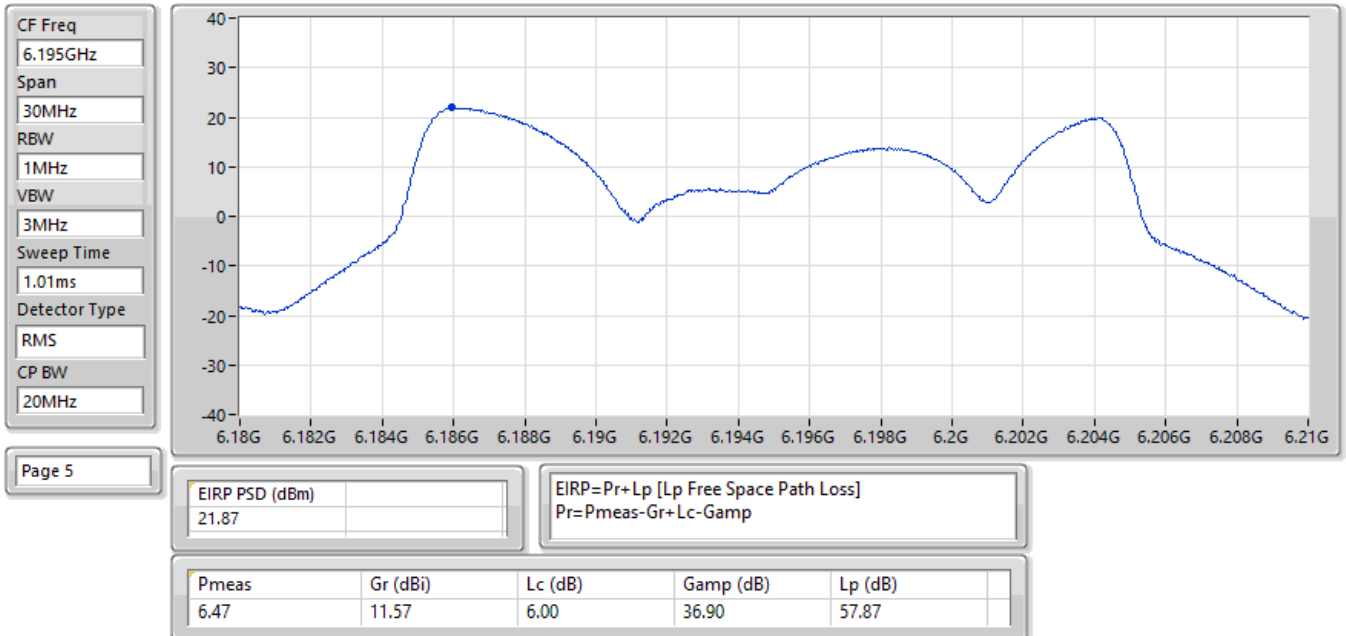
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
5955MHz	Pass	20.58	23.00
6195MHz	Pass	22.54	23.00
6415MHz	Pass	16.42	23.00
6535MHz	Pass	18.41	23.00
6695MHz	Pass	21.36	23.00
6855MHz	Pass	20.67	23.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	20.23	23.00
6195MHz	Pass	21.87	23.00
6415MHz	Pass	19.87	23.00
6535MHz	Pass	18.90	23.00
6695MHz	Pass	22.08	23.00
6855MHz	Pass	22.07	23.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	18.07	23.00
6205MHz	Pass	17.23	23.00
6405MHz	Pass	16.19	23.00
6565MHz	Pass	15.77	23.00
6685MHz	Pass	18.86	23.00
6845MHz	Pass	18.83	23.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	14.78	23.00
6225MHz	Pass	15.89	23.00
6385MHz	Pass	13.61	23.00
6625MHz	Pass	13.05	23.00
6705MHz	Pass	16.03	23.00
6785MHz	Pass	16.47	23.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	12.08	23.00
6185MHz	Pass	12.52	23.00
6345MHz	Pass	11.14	23.00
6665MHz	Pass	11.15	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;

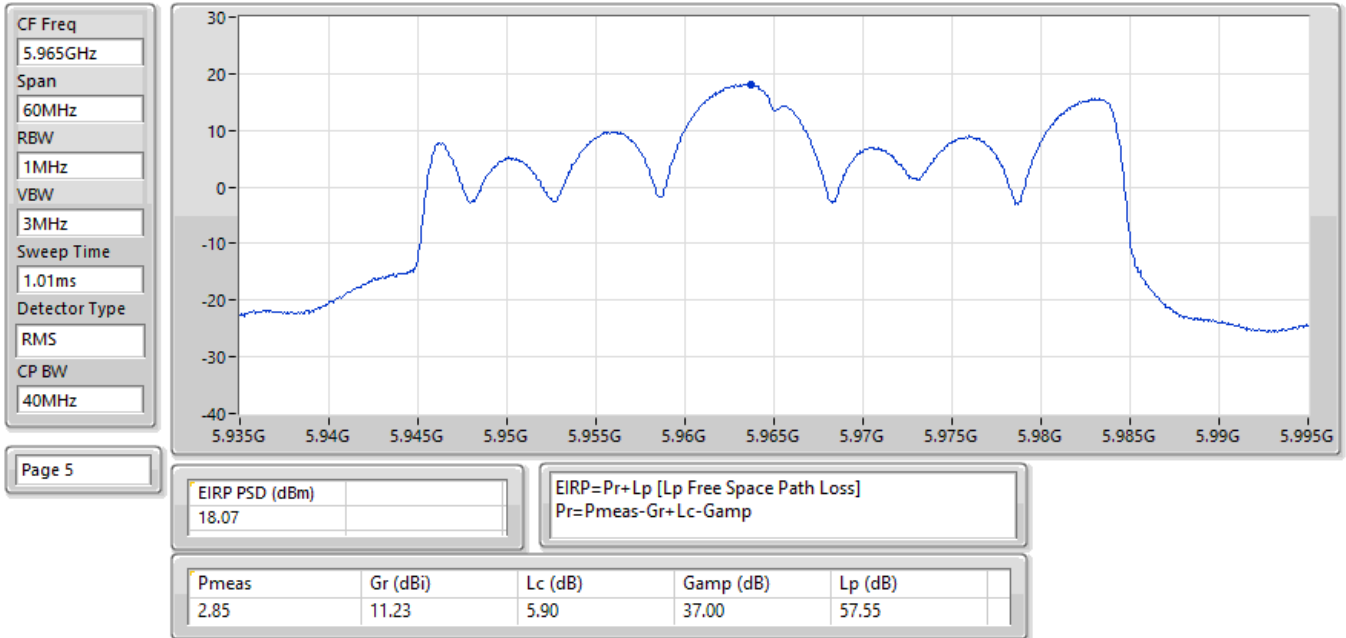
EIRP PSD;Band:6.2G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6195MHz;TX



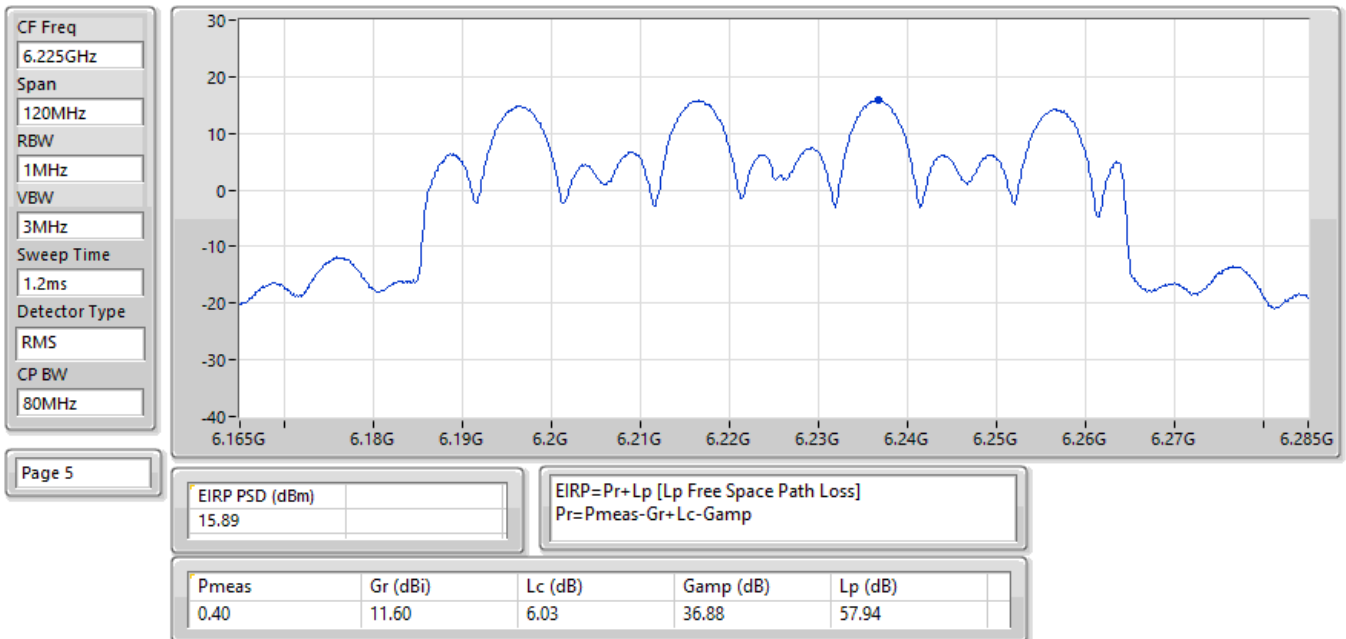
EIRP PSD;Band:6.2G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6195MHz;TX



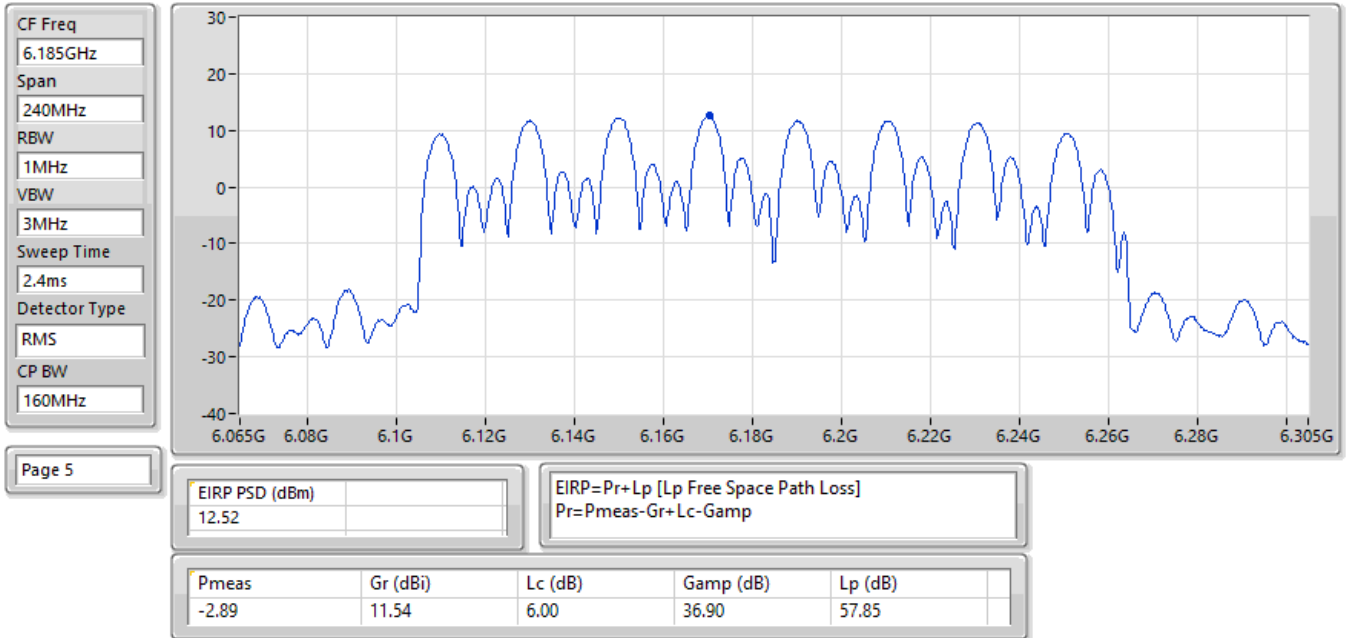
EIRP PSD;Band:6.2G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:5965MHz;TX



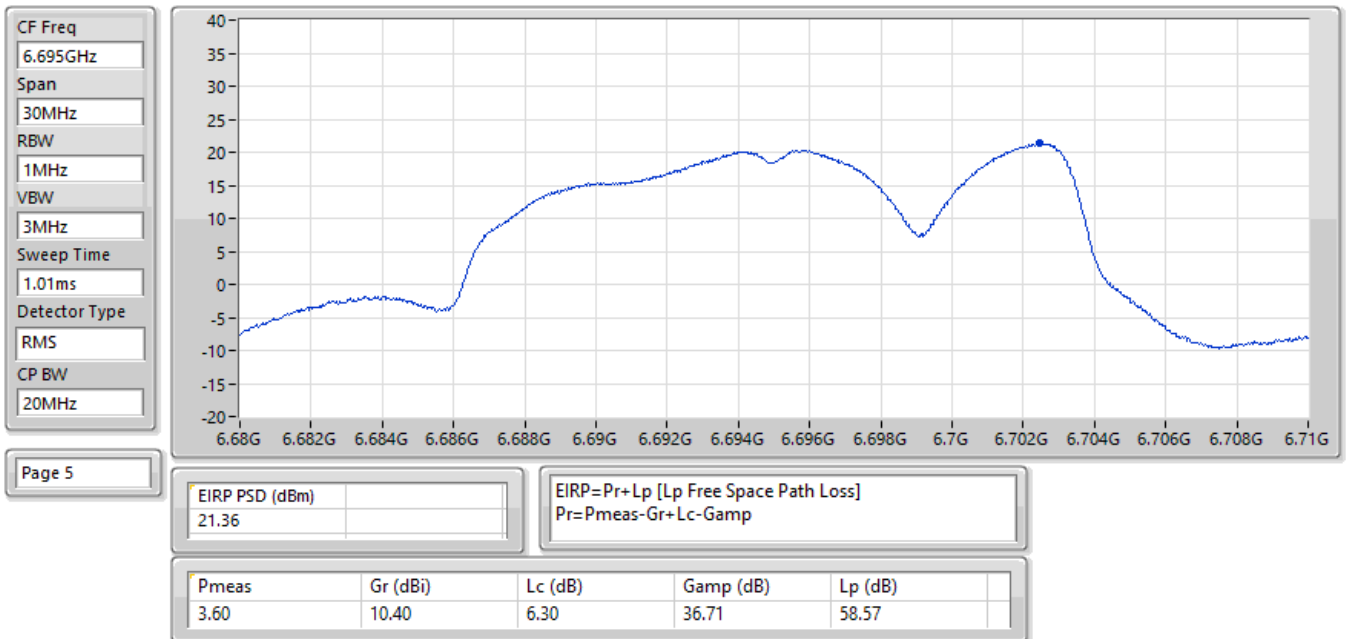
EIRP PSD;Band:6.2G;ax80;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6225MHz;TX



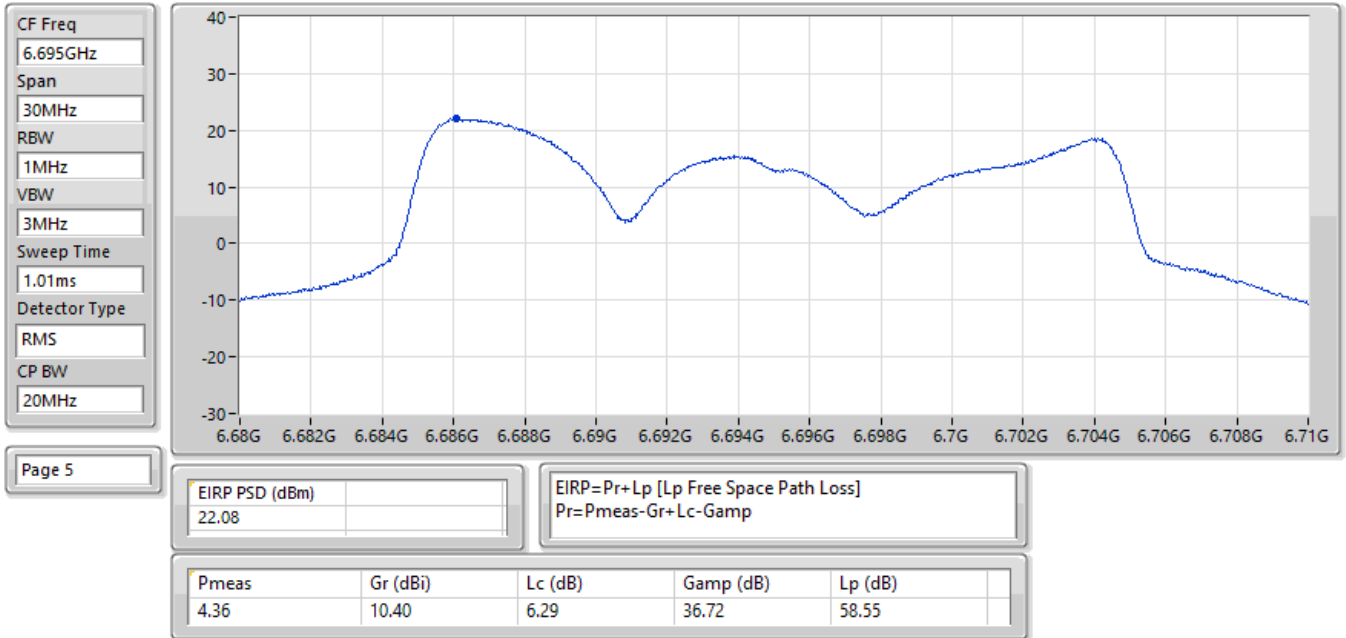
EIRP PSD;Band:6.2G;ax160;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



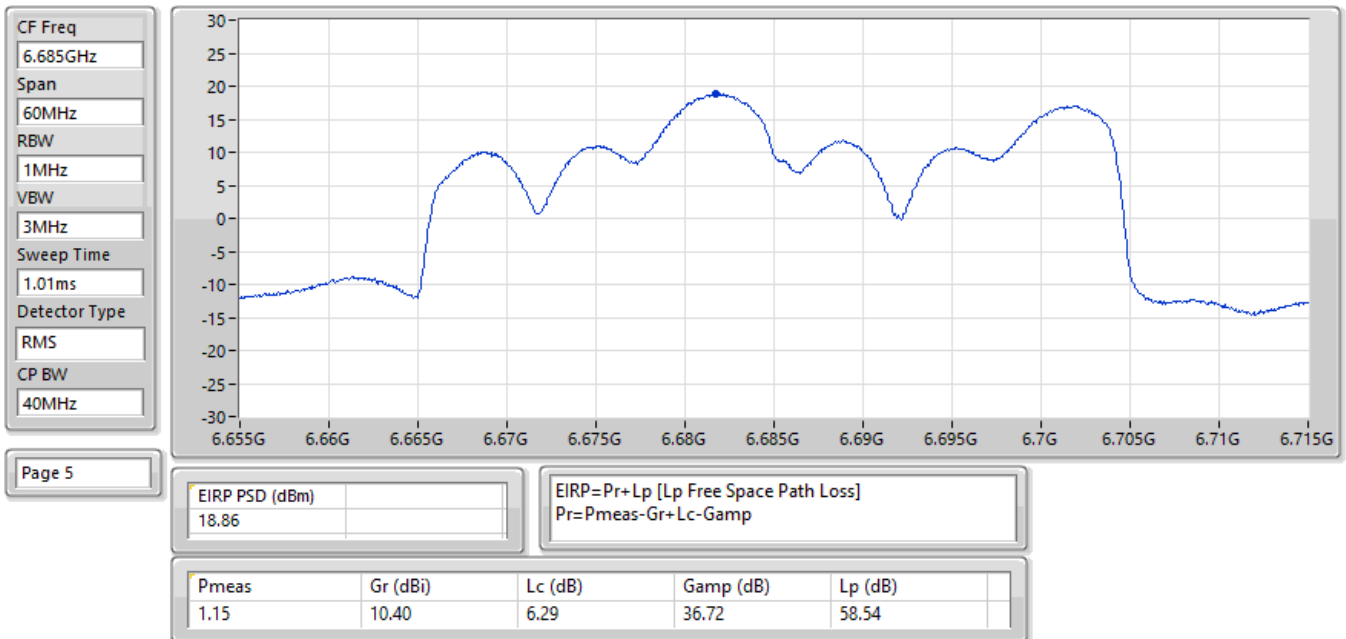
EIRP PSD;Band:6.7G;11a;BWch:20MHz;Nss:1,(6D);Nant:4;Ch:6695MHz;TX



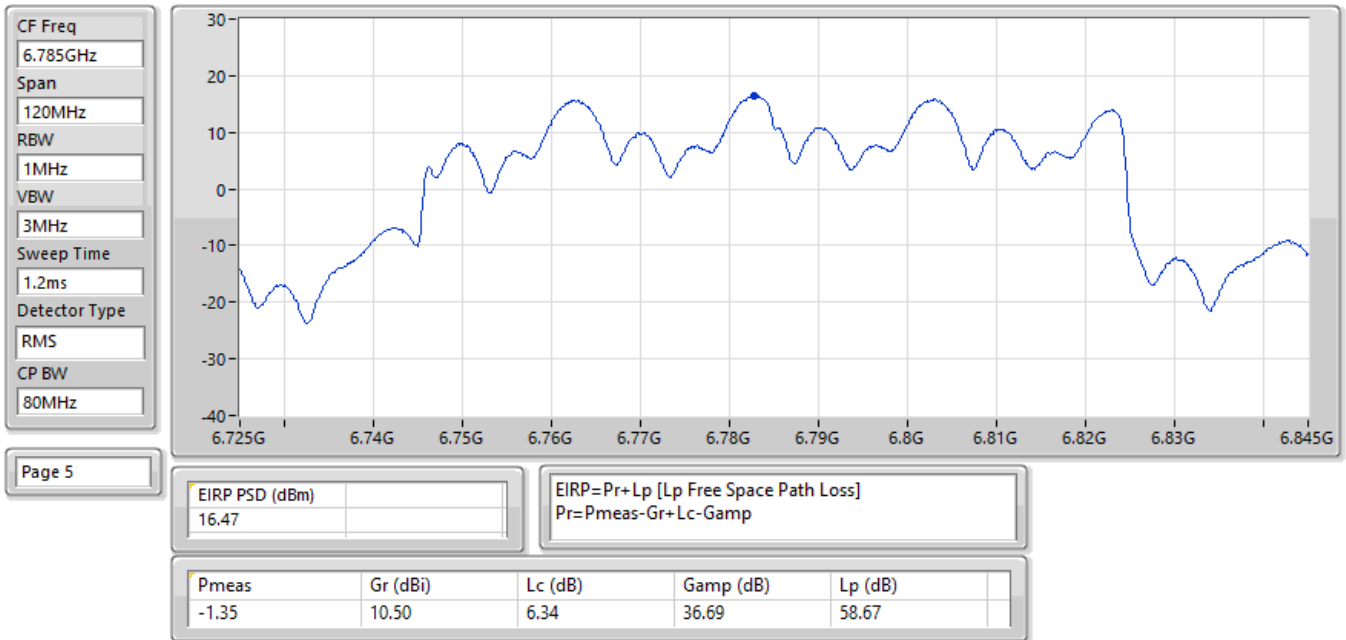
EIRP PSD;Band:6.7G;ax20;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6695MHz;TX



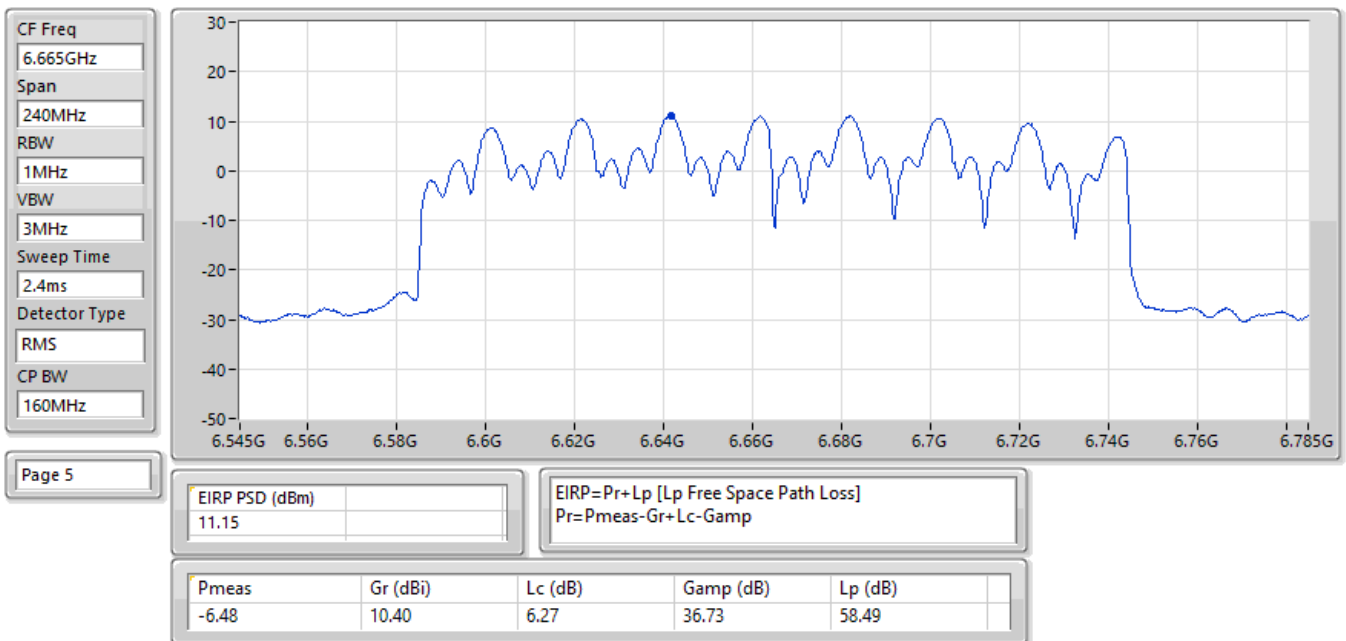
EIRP PSD;Band:6.7G;ax40;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



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



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





Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.45
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.14
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.58
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.08
6.525-6.875GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.77
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.95
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.86
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.40

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

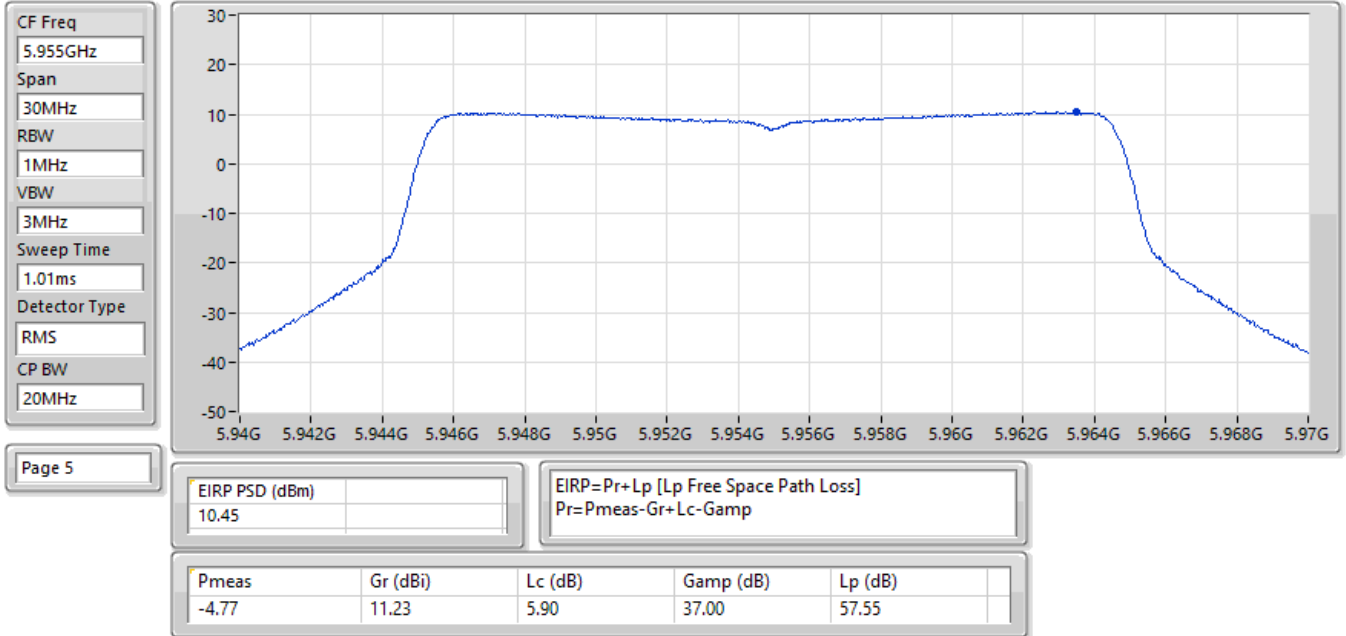
**Result**

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	10.45	23.00
6195MHz	Pass	10.07	23.00
6415MHz	Pass	10.17	23.00
6535MHz	Pass	11.77	23.00
6695MHz	Pass	11.52	23.00
6855MHz	Pass	10.55	23.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	6.97	23.00
6205MHz	Pass	7.14	23.00
6405MHz	Pass	6.88	23.00
6565MHz	Pass	7.22	23.00
6685MHz	Pass	7.95	23.00
6845MHz	Pass	7.56	23.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	3.63	23.00
6225MHz	Pass	3.96	23.00
6385MHz	Pass	4.58	23.00
6625MHz	Pass	4.75	23.00
6705MHz	Pass	4.86	23.00
6785MHz	Pass	4.40	23.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	0.69	23.00
6185MHz	Pass	1.08	23.00
6345MHz	Pass	0.90	23.00
6665MHz	Pass	2.40	23.00

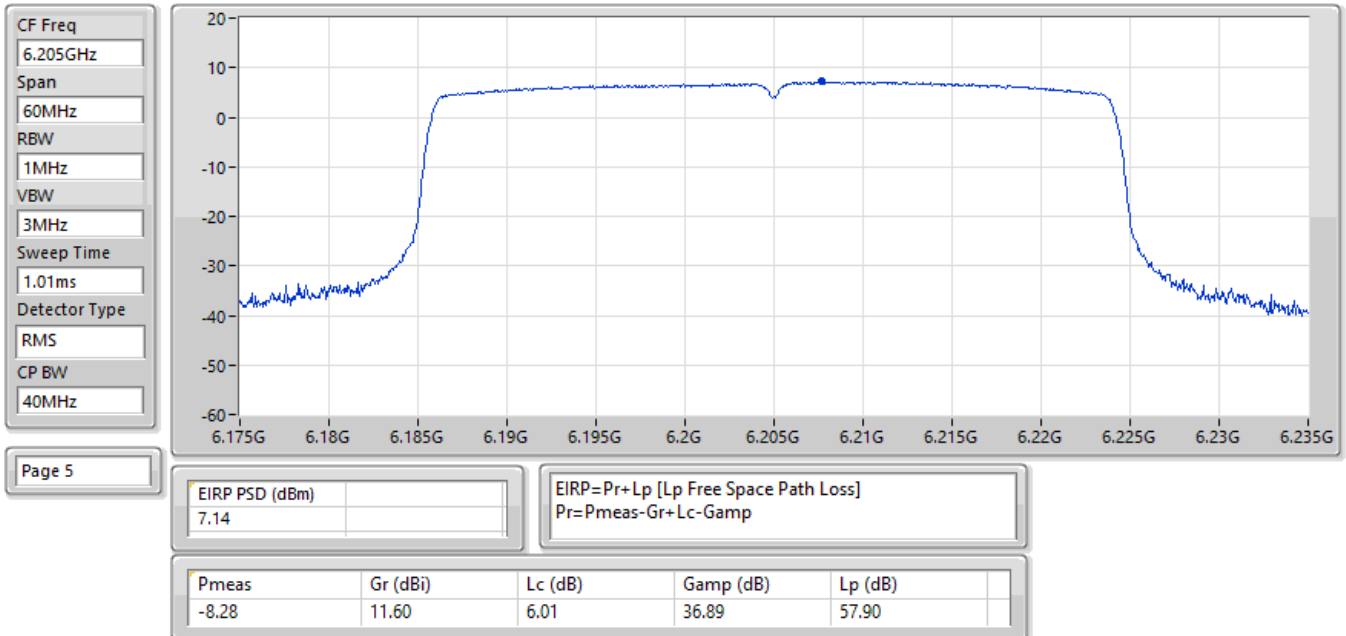
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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

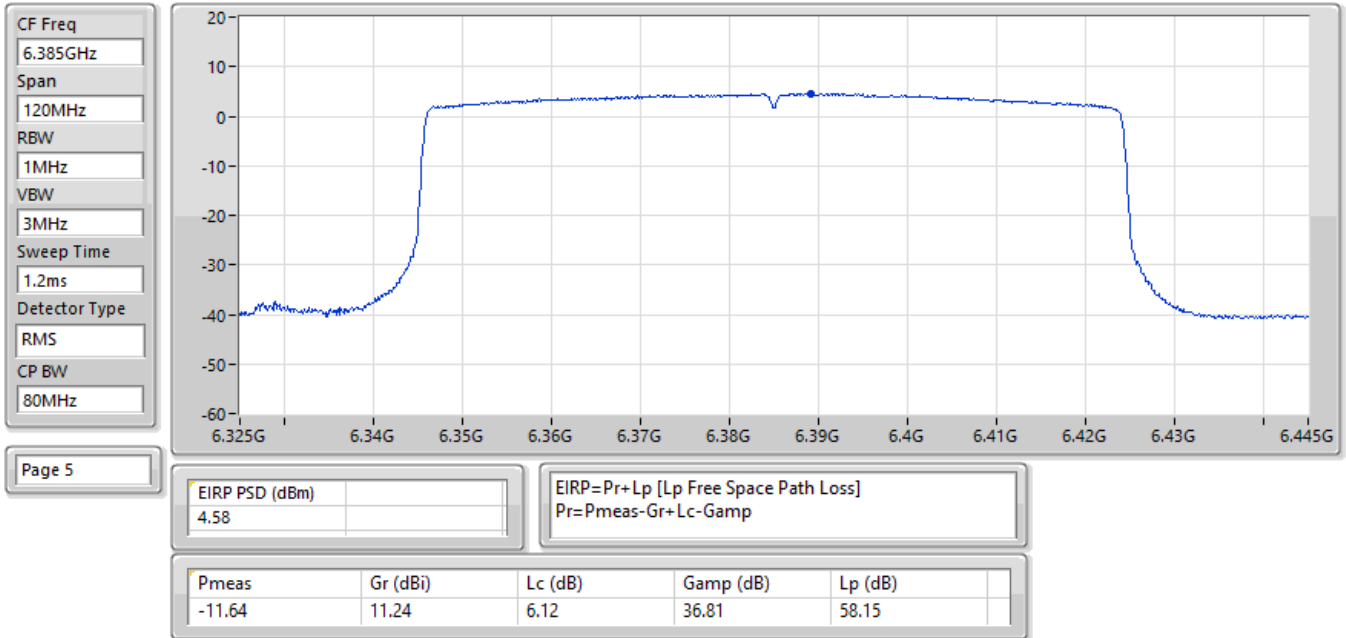
EIRP PSD;Band:6.2G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:5955MHz;TX



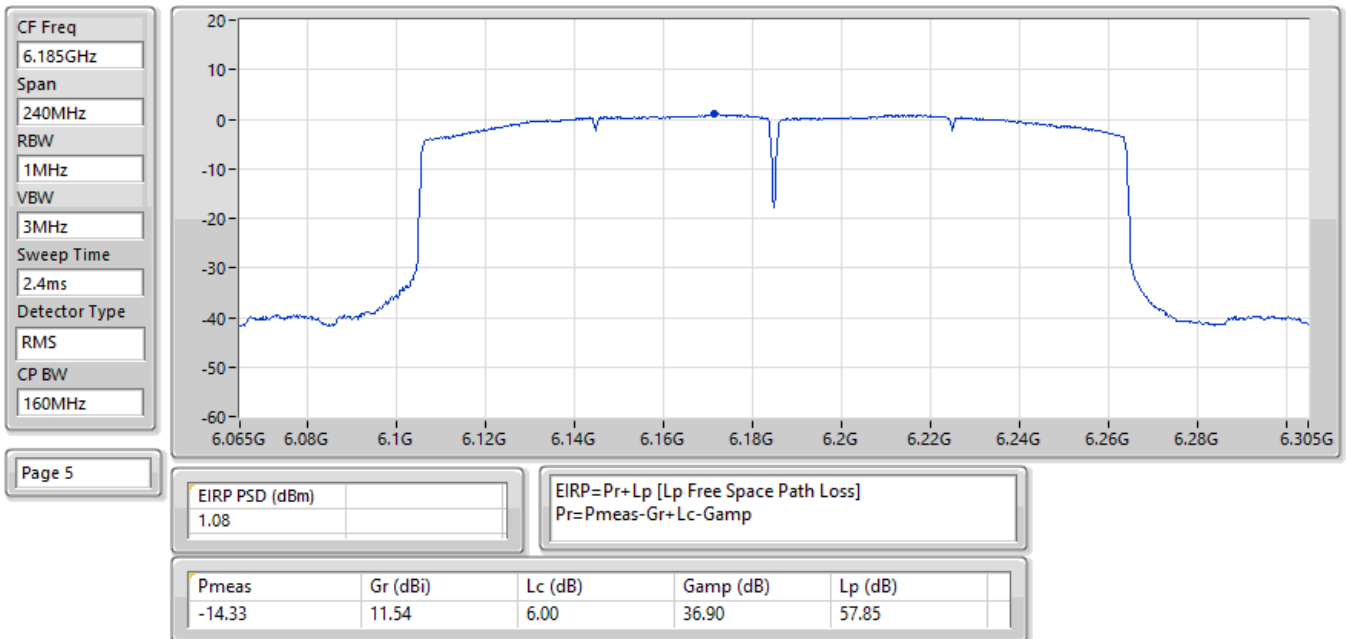
EIRP PSD;Band:6.2G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6205MHz;TX



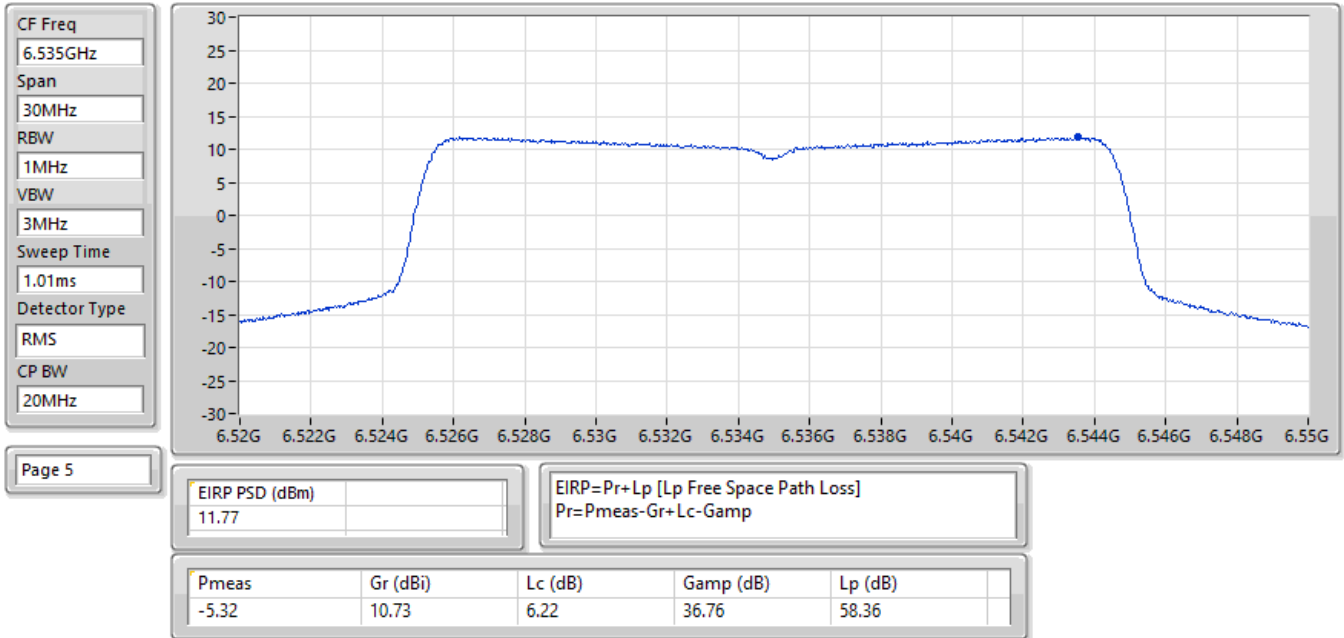
EIRP PSD;Band:6.2G;ax80,BF;BWch:80MHz;Nss:1,(M0);Nant:4;Ch:6385MHz;TX



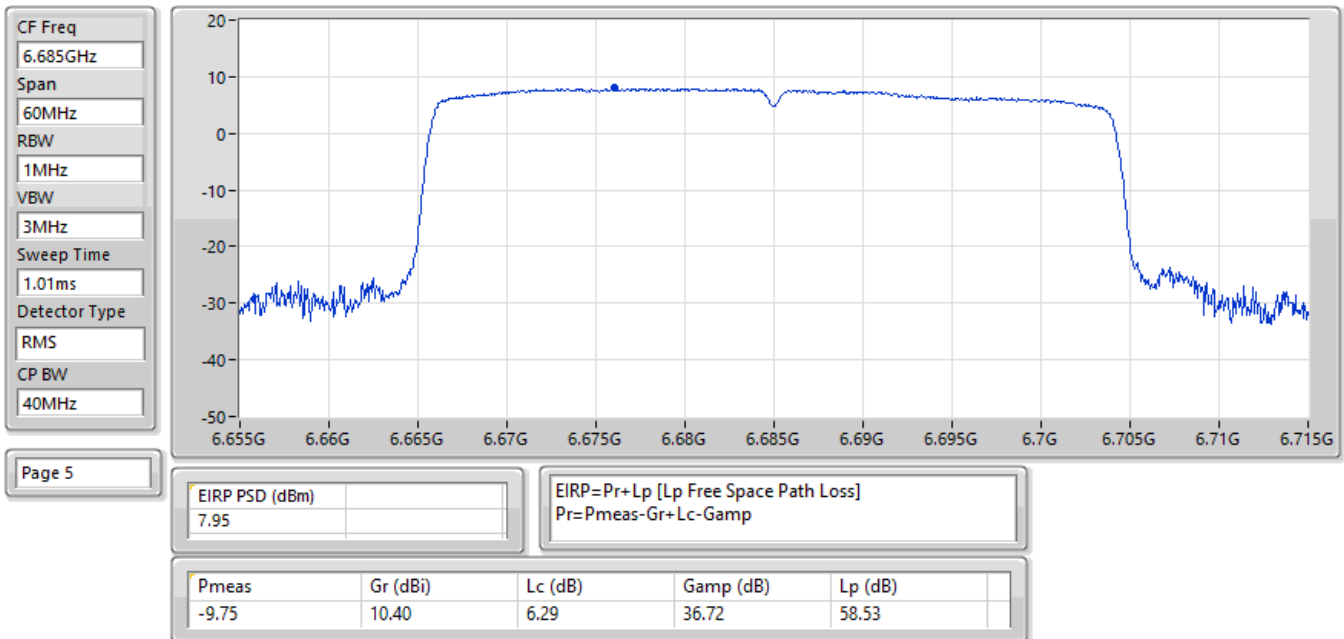
EIRP PSD;Band:6.2G;ax160,BF;BWch:160MHz;Nss:1,(M0);Nant:4;Ch:6185MHz;TX



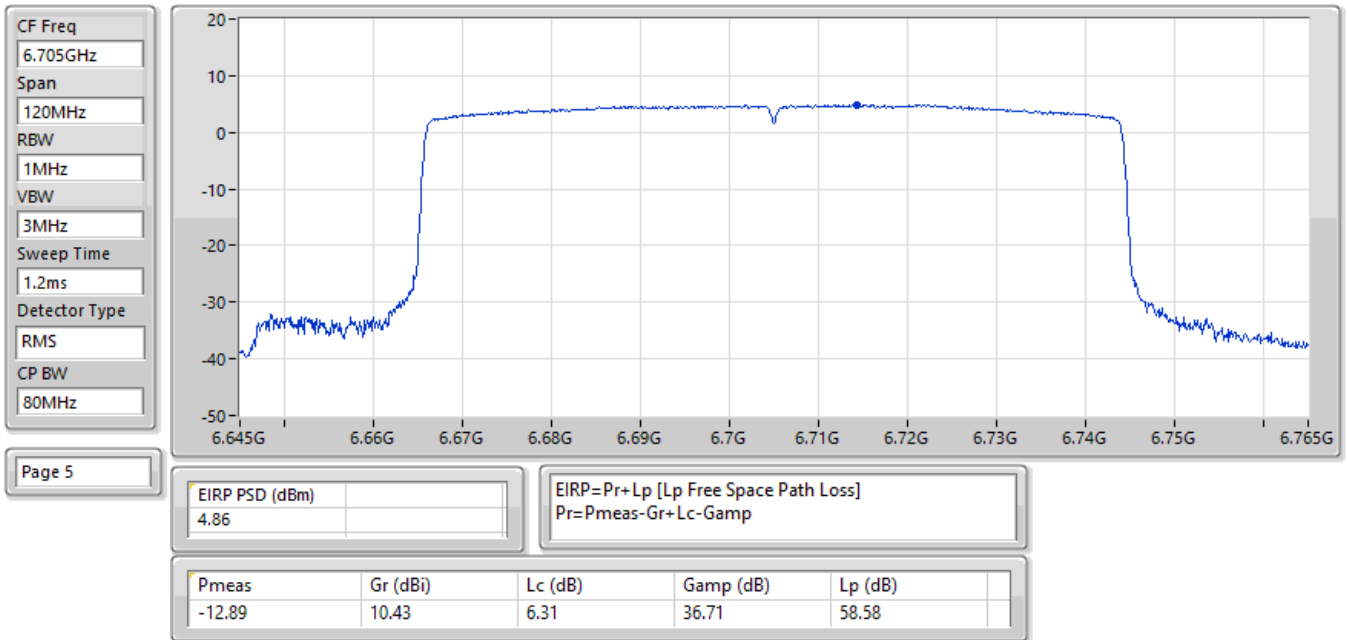
EIRP PSD;Band:6.7G;ax20,BF;BWch:20MHz;Nss:1,(M0);Nant:4;Ch:6535MHz;TX



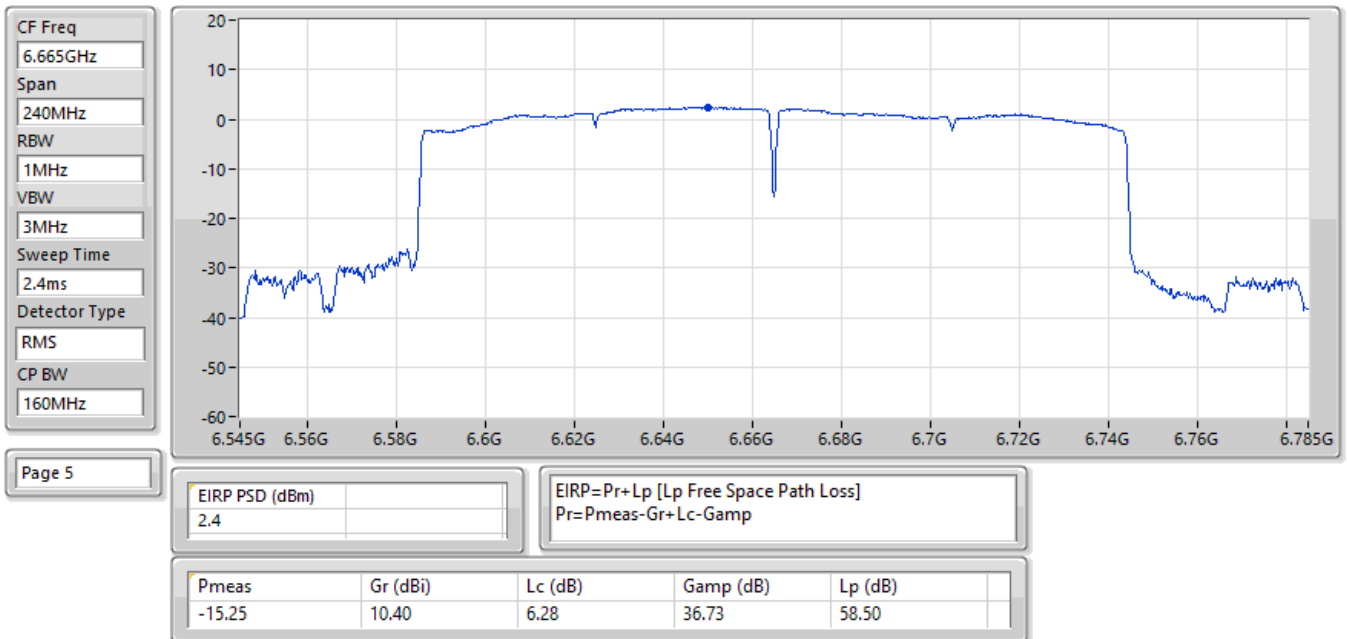
EIRP PSD;Band:6.7G;ax40,BF;BWch:40MHz;Nss:1,(M0);Nant:4;Ch:6685MHz;TX



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



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





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.925-6.425GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	6.202973G	4.92	6.212125G	-24.26	-19.45	-4.81	4
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	6.203723G	3.72	6.227025G	-41.75	-36.28	-5.47	1
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	5.967349G	0.91	6.02215G	-43.35	-38.02	-5.33	2
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	5.9939G	3.94	6.1136G	-39.78	-36.06	-3.72	2
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	6.357G	4.13	6.597G	-39.57	-35.87	-3.70	2
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	6.702323G	7.83	6.67665G	-19.26	-12.38	-6.88	1
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	6.702273G	7.21	6.732125G	-35.67	-31.92	-3.75	1
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	6.553953G	0.93	6.6235G	-43.06	-38.62	-4.44	2
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	6.623G	3.88	6.7611G	-38.50	-35.90	-2.60	3
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	6.659G	3.19	6.921G	-41.65	-36.81	-4.84	4

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.961848G	0.40	5.965875G	-32.45	-19.60	-12.85	1
5955MHz	Pass	5.961848G	1.38	5.983125G	-46.84	-37.68	-9.16	2
5955MHz	Pass	5.963098G	0.36	5.9444G	-30.59	-19.64	-10.95	3
5955MHz	Pass	5.961873G	0.93	5.985G	-51.49	-39.03	-12.46	4
6195MHz	Pass	6.202173G	4.63	6.163825G	-41.88	-34.17	-7.71	1
6195MHz	Pass	6.202498G	6.71	6.21415G	-23.16	-13.38	-9.78	2
6195MHz	Pass	6.202823G	4.88	6.212825G	-24.27	-16.96	-7.31	3
6195MHz	Pass	6.202973G	4.92	6.212125G	-24.26	-19.45	-4.81	4
6415MHz	Pass	6.421873G	0.89	6.403925G	-32.21	-19.17	-13.04	1
6415MHz	Pass	6.406877G	2.31	6.44555G	-47.46	-37.69	-9.77	2
6415MHz	Pass	6.407102G	0.44	6.4047G	-29.05	-19.56	-9.49	3
6415MHz	Pass	6.407477G	1.87	6.404025G	-28.75	-18.27	-10.48	4
6535MHz	Pass	6.542498G	-0.68	6.545975G	-32.89	-20.58	-12.31	1
6535MHz	Pass	6.542473G	3.35	6.50465G	-44.38	-35.50	-8.88	2
6535MHz	Pass	6.527852G	1.27	6.524325G	-29.41	-18.63	-10.78	3
6535MHz	Pass	6.541848G	1.27	6.524125G	-29.57	-18.86	-10.71	4
6695MHz	Pass	6.702323G	7.83	6.67665G	-19.26	-12.38	-6.88	1
6695MHz	Pass	6.702098G	10.39	6.66155G	-17.82	-9.61	-8.21	2
6695MHz	Pass	6.702298G	9.95	6.728925G	-18.88	-10.10	-8.78	3
6695MHz	Pass	6.702548G	9.22	6.718275G	-22.40	-10.78	-11.62	4
6855MHz	Pass	6.862248G	5.95	6.884925G	-40.68	-33.73	-6.95	1
6855MHz	Pass	6.861273G	9.05	6.833025G	-19.09	-10.96	-8.13	2
6855MHz	Pass	6.862398G	9.84	6.889175G	-17.70	-10.24	-7.46	3
6855MHz	Pass	6.862323G	8.14	6.837725G	-20.89	-13.72	-7.17	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.964073G	-0.41	5.94355G	-33.12	-20.46	-12.66	1
5955MHz	Pass	5.964098G	0.90	5.987525G	-50.24	-39.10	-11.14	2
5955MHz	Pass	5.962223G	-0.23	5.985775G	-52.37	-39.86	-12.51	3
5955MHz	Pass	5.962948G	0.04	5.9434G	-33.63	-19.99	-13.64	4
6195MHz	Pass	6.203723G	3.72	6.227025G	-41.75	-36.28	-5.47	1
6195MHz	Pass	6.204148G	5.71	6.214275G	-22.85	-16.99	-5.86	2
6195MHz	Pass	6.203973G	4.82	6.216825G	-28.86	-21.95	-6.91	3
6195MHz	Pass	6.204148G	5.06	6.217475G	-29.66	-22.04	-7.62	4
6415MHz	Pass	6.423273G	0.00	6.4464G	-51.73	-40.00	-11.73	1
6415MHz	Pass	6.423648G	2.24	6.403475G	-25.81	-17.56	-8.25	2
6415MHz	Pass	6.423198G	0.15	6.445975G	-52.20	-39.42	-12.78	3
6415MHz	Pass	6.424298G	1.65	6.402775G	-29.66	-18.69	-10.97	4
6535MHz	Pass	6.544123G	0.02	6.50245G	-53.63	-39.98	-13.65	1
6535MHz	Pass	6.525952G	2.21	6.504275G	-44.69	-36.79	-7.90	2
6535MHz	Pass	6.543773G	0.41	6.523525G	-32.20	-19.66	-12.54	3
6535MHz	Pass	6.543973G	0.68	6.546575G	-32.08	-19.35	-12.73	4
6695MHz	Pass	6.702273G	7.21	6.732125G	-35.67	-31.92	-3.75	1
6695MHz	Pass	6.703748G	9.84	6.724025G	-15.46	-10.30	-5.16	2
6695MHz	Pass	6.704048G	9.35	6.733375G	-19.25	-10.80	-8.45	3
6695MHz	Pass	6.703998G	8.90	6.66925G	-19.58	-11.16	-8.42	4
6855MHz	Pass	6.846377G	5.99	6.89115G	-39.67	-33.06	-6.61	1
6855MHz	Pass	6.862623G	9.03	6.8825G	-21.22	-11.00	-10.22	2
6855MHz	Pass	6.863973G	9.21	6.8189G	-16.86	-10.81	-6.05	3
6855MHz	Pass	6.863823G	8.31	6.876475G	-19.34	-11.85	-7.49	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.961951G	-0.49	6.02495G	-47.55	-40.49	-7.06	1
5965MHz	Pass	5.967349G	0.91	6.02215G	-43.35	-38.02	-5.33	2
5965MHz	Pass	5.9631G	-0.09	6.02265G	-45.78	-39.03	-6.75	3
5965MHz	Pass	5.9663G	0.02	6.02405G	-46.85	-39.47	-7.38	4

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6205MHz	Pass	6.199751G	3.19	6.26365G	-41.98	-35.96	-6.02	1
6205MHz	Pass	6.213098G	4.90	6.1695G	-22.15	-15.13	-7.02	2
6205MHz	Pass	6.209799G	3.97	6.1711G	-25.70	-19.69	-6.01	3
6205MHz	Pass	6.207649G	4.04	6.2351G	-23.95	-18.29	-5.66	4
6405MHz	Pass	6.407349G	-0.15	6.34565G	-50.51	-39.82	-10.69	1
6405MHz	Pass	6.408299G	1.63	6.4643G	-44.41	-38.21	-6.20	2
6405MHz	Pass	6.409499G	-0.80	6.346G	-52.31	-40.76	-11.55	3
6405MHz	Pass	6.401651G	0.94	6.46305G	-46.84	-38.74	-8.10	4
6565MHz	Pass	6.562451G	-1.54	6.6239G	-52.66	-41.34	-11.32	1
6565MHz	Pass	6.553953G	0.93	6.6235G	-43.06	-38.62	-4.44	2
6565MHz	Pass	6.56395G	-0.61	6.62455G	-48.44	-40.61	-7.83	3
6565MHz	Pass	6.5662G	-0.11	6.62265G	-50.85	-39.15	-11.70	4
6685MHz	Pass	6.681301G	7.08	6.71815G	-20.00	-14.25	-5.75	1
6685MHz	Pass	6.680201G	9.71	6.7508G	-16.68	-10.45	-6.23	2
6685MHz	Pass	6.690749G	9.38	6.74415G	-16.10	-10.67	-5.43	3
6685MHz	Pass	6.687949G	8.91	6.73175G	-18.52	-11.16	-7.36	4
6845MHz	Pass	6.841951G	6.10	6.87925G	-22.53	-16.57	-5.96	1
6845MHz	Pass	6.848349G	9.36	6.89875G	-17.19	-10.76	-6.43	2
6845MHz	Pass	6.840751G	9.33	6.9073G	-16.56	-10.68	-5.88	3
6845MHz	Pass	6.84325G	8.25	6.88855G	-20.16	-11.76	-8.40	4
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9968G	2.88	6.1053G	-41.45	-35.93	-5.52	1
5985MHz	Pass	5.9939G	3.94	6.1136G	-39.78	-36.06	-3.72	2
5985MHz	Pass	5.9914G	2.80	6.1062G	-42.09	-37.03	-5.06	3
5985MHz	Pass	5.9797G	2.98	6.1051G	-42.79	-36.05	-6.74	4
6225MHz	Pass	6.2231G	3.00	6.3553G	-42.17	-37.00	-5.17	1
6225MHz	Pass	6.2211G	5.38	6.2933G	-20.99	-14.88	-6.11	2
6225MHz	Pass	6.2198G	4.20	6.1309G	-30.55	-25.92	-4.63	3
6225MHz	Pass	6.2223G	3.93	6.2899G	-23.95	-18.64	-5.31	4
6385MHz	Pass	6.3777G	1.51	6.265G	-46.23	-38.06	-8.17	1
6385MHz	Pass	6.3915G	3.51	6.5167G	-42.56	-36.41	-6.15	2
6385MHz	Pass	6.3731G	1.21	6.5069G	-48.89	-38.73	-10.16	3
6385MHz	Pass	6.3785G	3.20	6.5079G	-45.16	-36.80	-8.36	4
6625MHz	Pass	6.6101G	1.10	6.7466G	-46.32	-38.85	-7.47	1
6625MHz	Pass	6.6335G	4.41	6.6883G	-22.04	-16.96	-5.08	2
6625MHz	Pass	6.623G	3.88	6.7611G	-38.50	-35.90	-2.60	3
6625MHz	Pass	6.6207G	2.68	6.7441G	-42.96	-36.82	-6.14	4
6705MHz	Pass	6.7209G	6.56	6.7899G	-19.71	-13.57	-6.14	1
6705MHz	Pass	6.73489G	8.45	6.8259G	-14.52	-11.56	-2.96	2
6705MHz	Pass	6.7102G	7.99	6.8213G	-15.50	-12.02	-3.48	3
6705MHz	Pass	6.6965G	7.72	6.805G	-17.35	-12.32	-5.03	4
6785MHz	Pass	6.7916G	6.52	6.8734G	-21.25	-13.61	-7.64	1
6785MHz	Pass	6.79G	8.52	6.9117G	-16.25	-11.54	-4.71	2
6785MHz	Pass	6.7803G	8.20	6.9103G	-17.24	-11.81	-5.43	3
6785MHz	Pass	6.7806G	7.71	6.8866G	-19.35	-12.39	-6.96	4
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.009G	2.52	6.2684G	-42.00	-37.46	-4.54	1
6025MHz	Pass	5.99421G	3.82	6.148G	-23.91	-18.33	-5.58	2
6025MHz	Pass	6.04719G	2.44	6.2706G	-42.12	-37.56	-4.56	3
6025MHz	Pass	5.99441G	2.51	6.268G	-42.26	-37.49	-4.77	4
6185MHz	Pass	6.2006G	2.76	6.4302G	-41.94	-37.10	-4.84	1
6185MHz	Pass	6.21739G	4.67	6.0642G	-21.08	-15.43	-5.65	2
6185MHz	Pass	6.21119G	3.25	6.4326G	-40.64	-36.75	-3.89	3
6185MHz	Pass	6.20739G	3.25	6.4282G	-41.17	-36.51	-4.66	4
6345MHz	Pass	6.36739G	1.17	6.5902G	-48.52	-38.83	-9.69	1
6345MHz	Pass	6.357G	4.13	6.597G	-39.57	-35.87	-3.70	2



Mask_Non-Beamforming_Radio 3

Appendix E.1

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6345MHz	Pass	6.31181G	2.03	6.585G	-45.77	-37.54	-8.23	3
6345MHz	Pass	6.37859G	3.50	6.5918G	-42.92	-36.50	-6.42	4
6665MHz	Pass	6.6706G	1.78	6.9092G	-45.08	-38.22	-6.86	1
6665MHz	Pass	6.69399G	4.85	6.8118G	-21.02	-15.31	-5.71	2
6665MHz	Pass	6.63081G	4.89	6.8208G	-21.17	-15.13	-6.04	3
6665MHz	Pass	6.659G	3.19	6.921G	-41.65	-36.81	-4.84	4

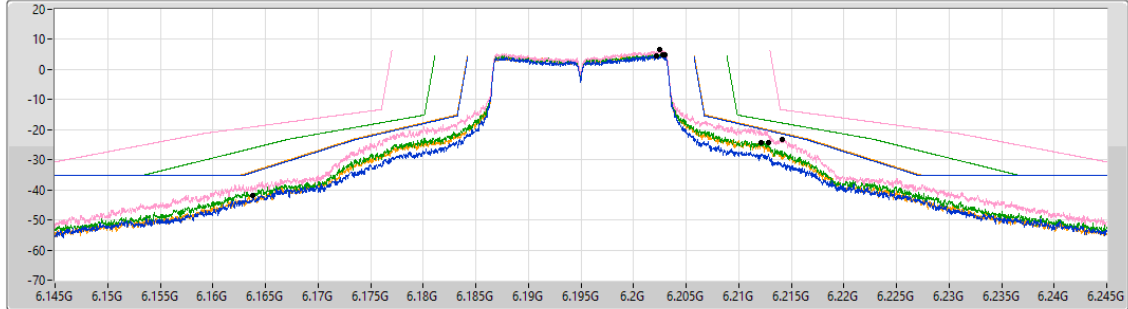
5.925-6.425GHz_802.11a_Nss1,(6Mbps)_4TX

MASK

6195MHz_TX

29/01/2024

CF (Hz)
6.195G
Span (Hz)
100M
RBW (Hz)
300k
VBW (Hz)
1M
Sweep Time (s)
4.01m
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.202173G	4.63	6.163825G	-41.88	-34.17	-7.71	1
6.202498G	6.71	6.21415G	-23.16	-13.38	-9.78	2
6.202823G	4.88	6.212825G	-24.27	-16.96	-7.31	3
6.202973G	4.92	6.212125G	-24.26	-19.45	-4.81	4

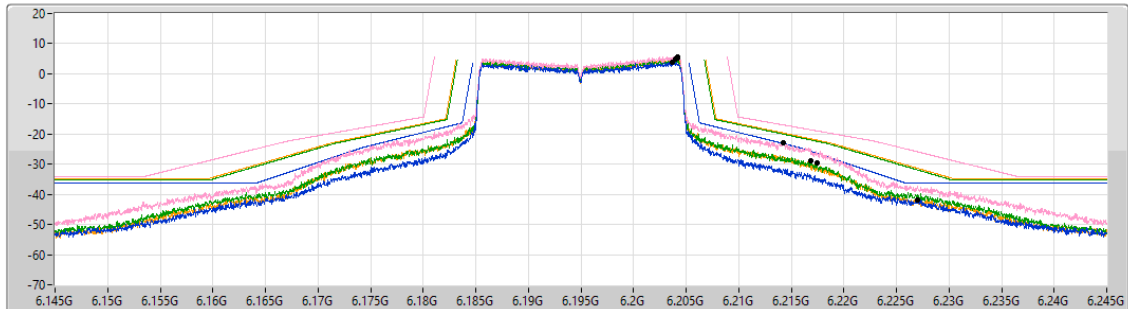
5.925-6.425GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6195MHz_TX

29/01/2024

CF (Hz)
6.195G
Span (Hz)
100M
RBW (Hz)
300k
VBW (Hz)
1M
Sweep Time (s)
4.01m
Detector Type
RMS



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.203723G	3.72	6.227025G	-41.75	-36.28	-5.47	1
6.204148G	5.71	6.214275G	-22.85	-16.99	-5.86	2
6.203973G	4.82	6.216825G	-28.86	-21.95	-6.91	3
6.204148G	5.06	6.217475G	-29.66	-22.04	-7.62	4

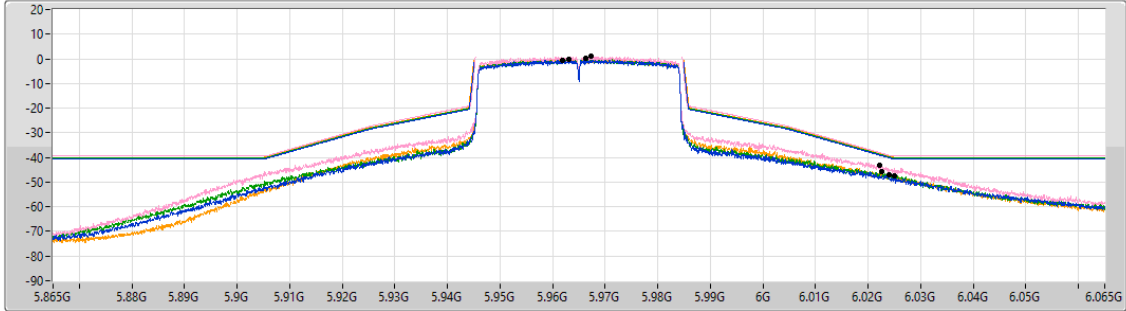
5.925-6.425GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

5965MHz_TX

29/01/2024

CF (Hz)
5.965G
Span (Hz)
200M
RBW (Hz)
300k
VBW (Hz)
1M
Sweep Time (s)
4.01m
Detector Type
RMS



Port 1
Port 2
Port 3
Port 4

Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.961951G	-0.49	6.02495G	-47.55	-40.49	-7.06	1
5.967349G	0.91	6.02215G	-43.35	-38.02	-5.33	2
5.9631G	-0.09	6.02265G	-45.78	-39.03	-6.75	3
5.9663G	0.02	6.02405G	-46.85	-39.47	-7.38	4

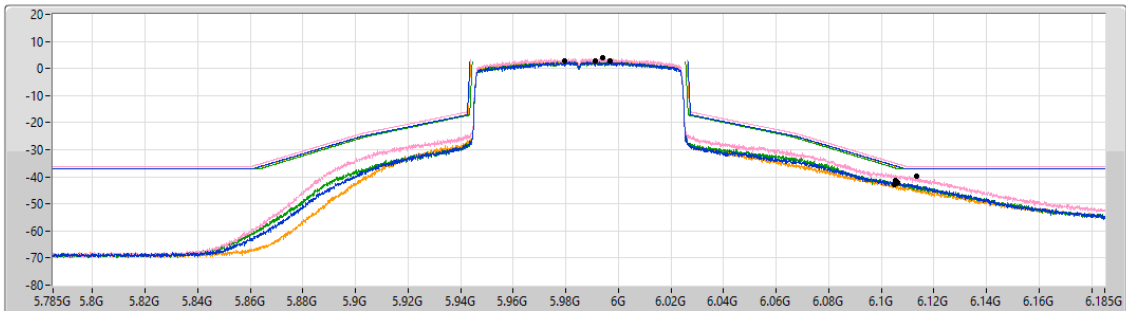
5.925-6.425GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

5985MHz_TX

29/01/2024

CF (Hz)
5.985G
Span (Hz)
400M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
4.01m
Detector Type
RMS



Port 1
Port 2
Port 3
Port 4

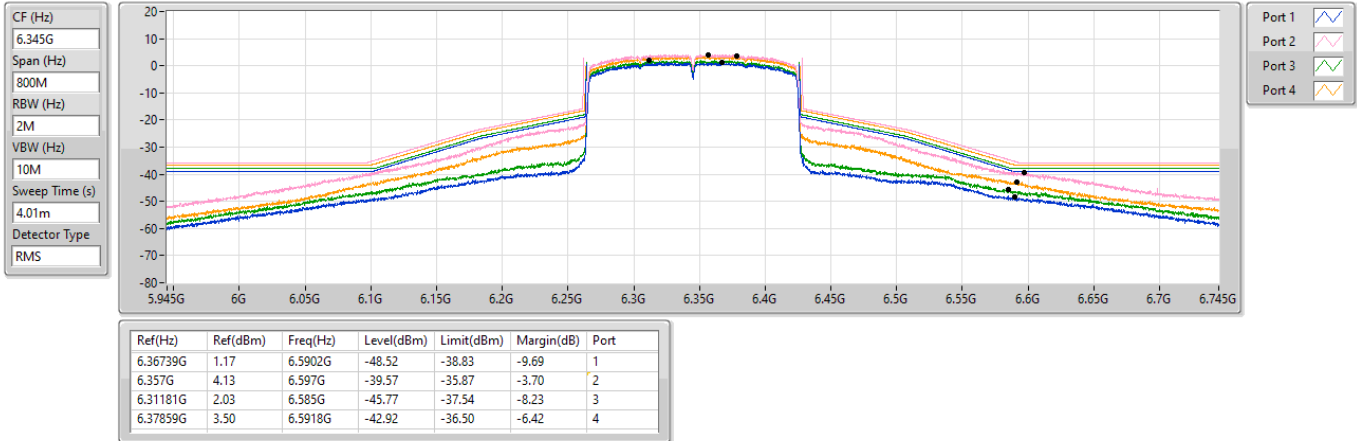
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.9968G	2.88	6.1053G	-41.45	-35.93	-5.52	1
5.9939G	3.94	6.1136G	-39.78	-36.06	-3.72	2
5.9914G	2.80	6.1062G	-42.09	-37.03	-5.06	3
5.9797G	2.98	6.1051G	-42.79	-36.05	-6.74	4

5.925-6.425GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

MASK

6345MHz_TX

30/01/2024

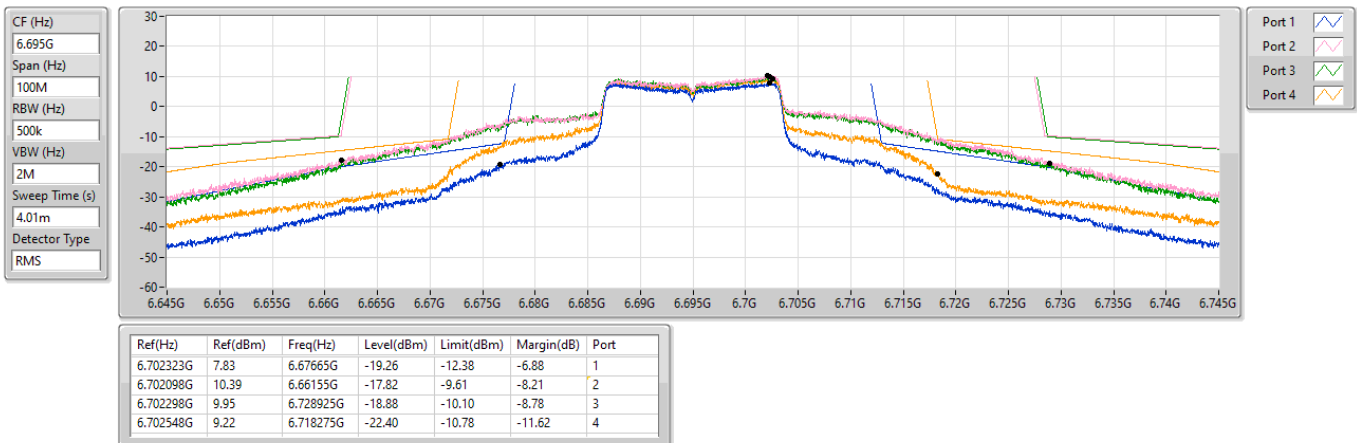


6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

MASK

6695MHz_TX

29/01/2024



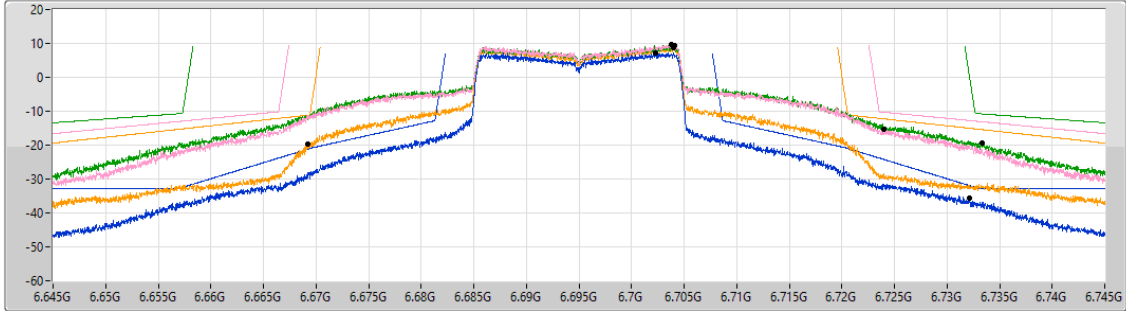
6.525-6.875GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

MASK

6695MHz_TX

29/01/2024

CF (Hz)
6.695G
Span (Hz)
100M
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
6.702273G	7.21	6.732125G	-35.67	-31.92	-3.75	1
6.703748G	9.84	6.724025G	-15.46	-10.30	-5.16	2
6.704048G	9.35	6.733375G	-19.25	-10.80	-8.45	3
6.703998G	8.90	6.66925G	-19.58	-11.16	-8.42	4

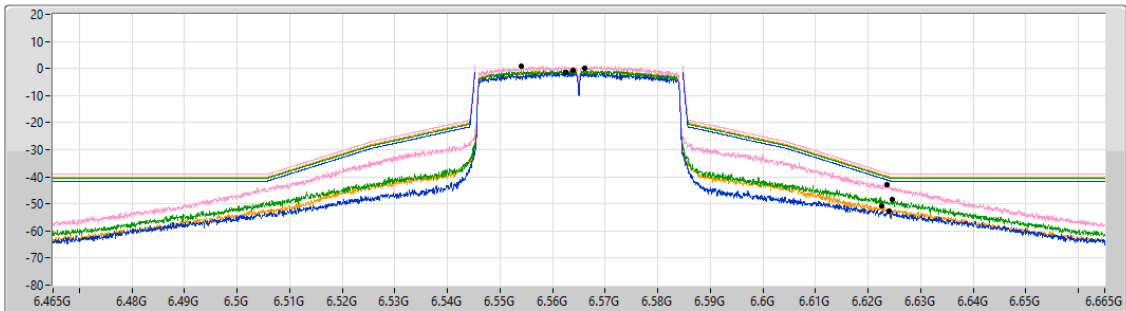
6.525-6.875GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

MASK

6565MHz_TX

29/01/2024

CF (Hz)
6.565G
Span (Hz)
200M
RBW (Hz)
300k
VBW (Hz)
1M
Sweep Time (s)
4.01m
Detector Type
RMS



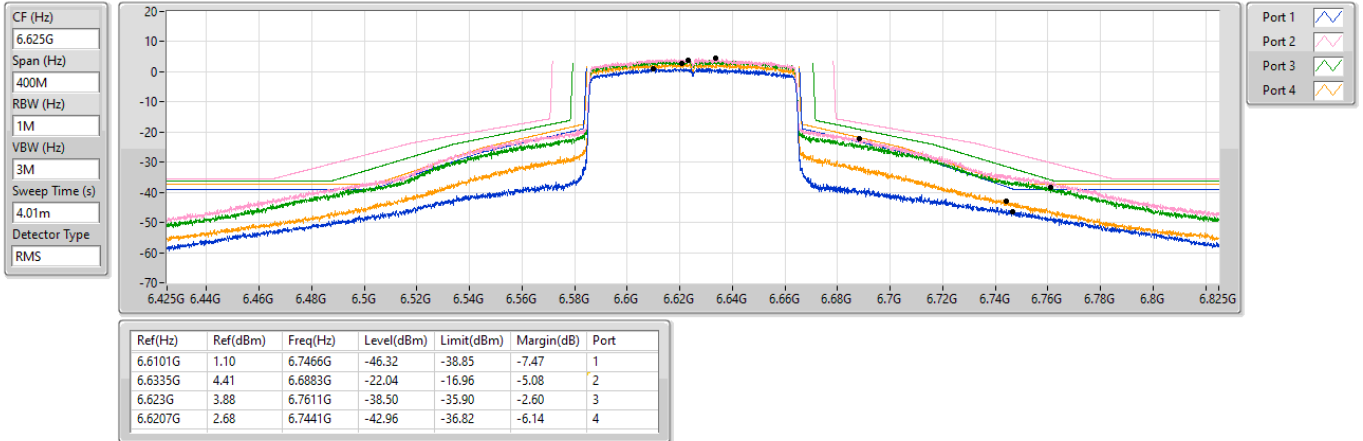
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.562451G	-1.54	6.6239G	-52.66	-41.34	-11.32	1
6.553953G	0.93	6.6235G	-43.06	-38.62	-4.44	2
6.56395G	-0.61	6.62455G	-48.44	-40.61	-7.83	3
6.5662G	-0.11	6.62265G	-50.85	-39.15	-11.70	4

6.525-6.875GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

MASK

6625MHz_TX

30/01/2024

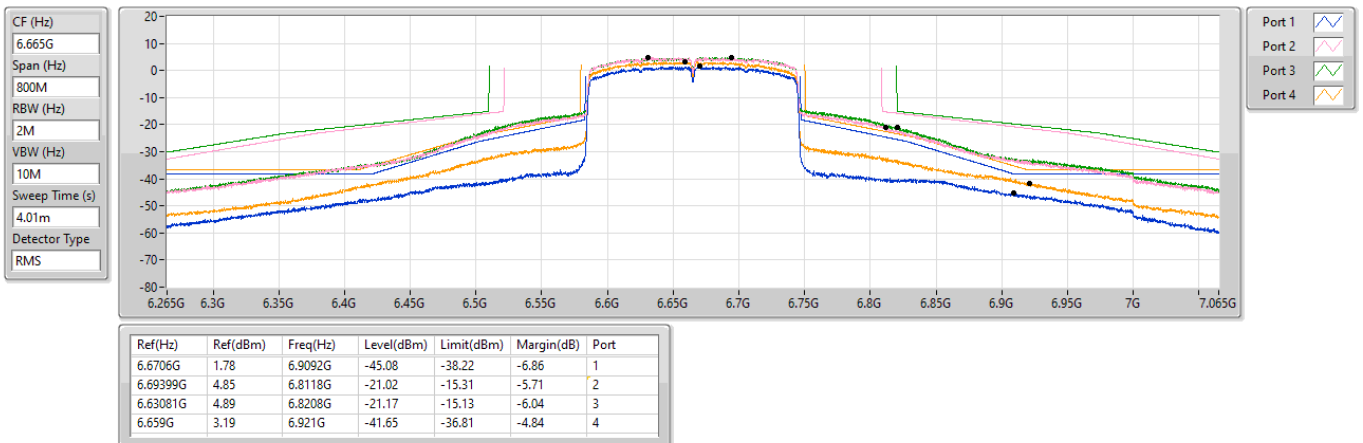


6.525-6.875GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

MASK

6665MHz_TX

30/01/2024





Summary

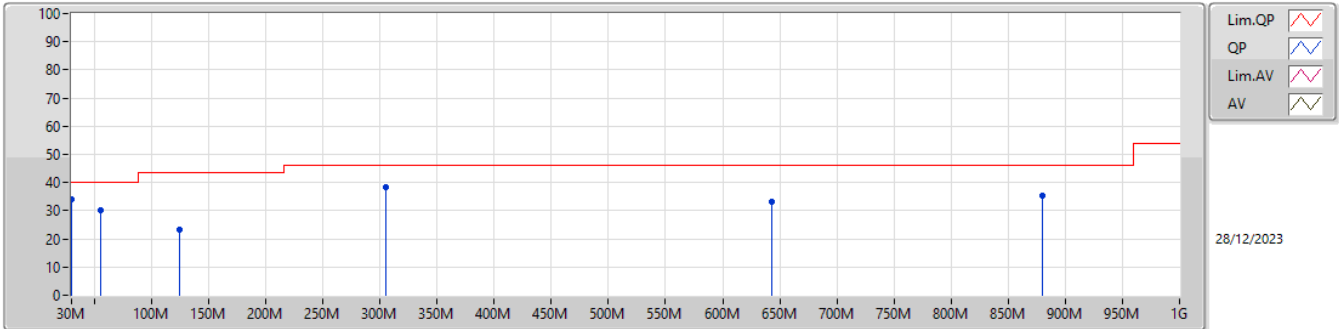
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	PK	30M	33.89	40.00	-6.11	3	Vertical	0	1.00

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)_4TX	-	-	-	-	-	-	-	-	-	-
6665MHz	Pass	PK	30M	33.89	40.00	-6.11	3	Vertical	0	1.00
6665MHz	Pass	PK	55.22M	30.28	40.00	-9.72	3	Vertical	0	1.00
6665MHz	Pass	PK	125.06M	23.48	43.50	-20.02	3	Vertical	0	1.00
6665MHz	Pass	PK	305.48M	38.15	46.00	-7.85	3	Vertical	0	1.00
6665MHz	Pass	PK	643.04M	33.09	46.00	-12.91	3	Vertical	0	1.00
6665MHz	Pass	PK	879.72M	35.40	46.00	-10.60	3	Vertical	0	1.00
6665MHz	Pass	PK	31.94M	31.24	40.00	-8.76	3	Horizontal	360	1.00
6665MHz	Pass	PK	103.72M	24.79	43.50	-18.71	3	Horizontal	360	1.00
6665MHz	Pass	PK	173.56M	25.54	43.50	-17.96	3	Horizontal	360	1.00
6665MHz	Pass	PK	307.42M	38.78	46.00	-7.22	3	Horizontal	360	1.00
6665MHz	Pass	PK	441.28M	30.64	46.00	-15.36	3	Horizontal	360	1.00
6665MHz	Pass	PK	596.48M	32.77	46.00	-13.23	3	Horizontal	360	1.00

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

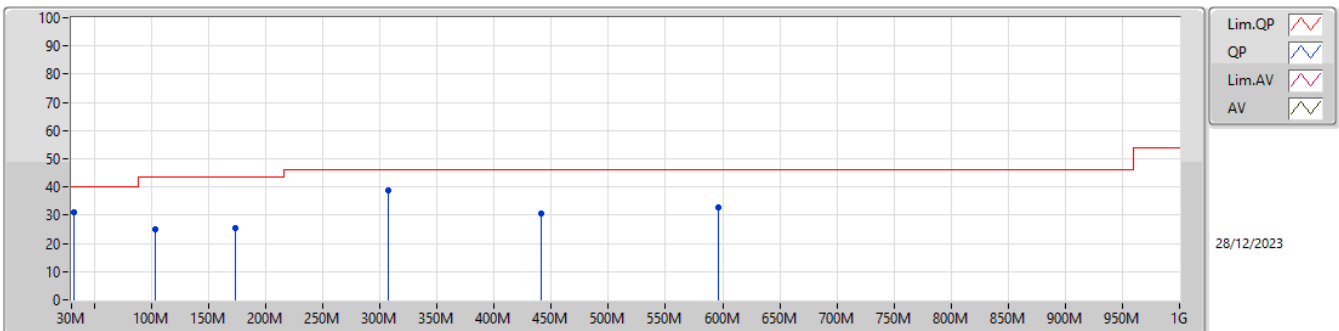
6665MHz_PoE



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)				
PK	30M	33.89	40.00	-6.11	-3.19	3	Vertical	0	1.00	37.08	22.98	1.23	27.40				
PK	55.22M	30.28	40.00	-9.72	-13.50	3	Vertical	0	1.00	43.78	12.05	1.62	27.17				
PK	125.06M	23.48	43.50	-20.02	-8.22	3	Vertical	0	1.00	31.70	17.31	2.27	27.80				
PK	305.48M	38.15	46.00	-7.85	-5.17	3	Vertical	0	1.00	43.32	18.46	3.68	27.31				
PK	643.04M	33.09	46.00	-12.91	1.18	3	Vertical	0	1.00	31.91	24.06	5.70	28.58				
PK	879.72M	35.40	46.00	-10.60	4.06	3	Vertical	0	1.00	31.34	25.40	6.59	27.93				

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

6665MHz_PoE



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)				
PK	31.94M	31.24	40.00	-8.76	-4.18	3	Horizontal	360	1.00	35.42	21.80	1.26	27.24				
PK	103.72M	24.79	43.50	-18.71	-9.29	3	Horizontal	360	1.00	34.08	16.52	2.03	27.84				
PK	173.56M	25.54	43.50	-17.96	-10.28	3	Horizontal	360	1.00	35.82	14.69	2.63	27.60				
PK	307.42M	38.78	46.00	-7.22	-5.13	3	Horizontal	360	1.00	43.91	18.51	3.69	27.33				
PK	441.28M	30.64	46.00	-15.36	-1.95	3	Horizontal	360	1.00	32.59	21.78	4.53	28.26				
PK	596.48M	32.77	46.00	-13.23	1.11	3	Horizontal	360	1.00	31.66	23.86	5.75	28.50				

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	12.39183G	43.24	54.00	-10.76	3	Horizontal	15	1.54
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.9244G	84.61	88.20	-3.59	3	Vertical	6	1.50
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.9239G	65.20	68.20	-3.00	3	Vertical	27	1.50
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.9155G	68.10	68.20	-0.10	3	Vertical	8	1.50
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.925G	63.34	68.20	-4.86	3	Vertical	350	1.50
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	13.38802G	43.66	54.00	-10.34	3	Horizontal	51	1.25
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	13.38898G	42.44	54.00	-11.56	3	Vertical	324	1.54
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	13.37015G	41.25	54.00	-12.75	3	Vertical	113	2.61
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	13.25051G	53.69	74.00	-20.31	3	Vertical	19	2.07
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	13.32983G	41.10	54.00	-12.90	3	Horizontal	100	1.05

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.9232G	56.85	68.20	-11.35	3	Vertical	360	1.50
5955MHz	Pass	AV	5.9616G	113.71	Inf	-Inf	3	Vertical	360	1.50
5955MHz	Pass	PK	5.9226G	71.42	88.20	-16.78	3	Vertical	360	1.50
5955MHz	Pass	PK	5.9619G	123.02	Inf	-Inf	3	Vertical	360	1.50
5955MHz	Pass	AV	11.91003G	40.65	54.00	-13.35	3	Vertical	24	1.00
5955MHz	Pass	PK	11.90976G	52.06	74.00	-21.94	3	Vertical	24	1.00
5955MHz	Pass	AV	11.91384G	39.77	54.00	-14.23	3	Horizontal	298	1.50
5955MHz	Pass	PK	11.91531G	52.35	74.00	-21.65	3	Horizontal	298	1.50
6195MHz	Pass	AV	12.39021G	40.76	54.00	-13.24	3	Vertical	8	1.56
6195MHz	Pass	PK	12.39168G	53.87	74.00	-20.13	3	Vertical	8	1.56
6195MHz	Pass	AV	12.39183G	43.24	54.00	-10.76	3	Horizontal	15	1.54
6195MHz	Pass	PK	12.3924G	56.34	74.00	-17.66	3	Horizontal	15	1.54
6415MHz	Pass	AV	12.82757G	40.14	68.20	-28.06	3	Vertical	317	1.91
6415MHz	Pass	PK	12.83606G	53.16	88.20	-35.04	3	Vertical	317	1.91
6415MHz	Pass	AV	12.83396G	40.40	68.20	-27.80	3	Horizontal	287	2.02
6415MHz	Pass	PK	12.83285G	53.01	88.20	-35.19	3	Horizontal	287	2.02
6535MHz	Pass	AV	13.07027G	40.35	68.20	-27.85	3	Vertical	0	1.68
6535MHz	Pass	PK	13.05503G	53.88	88.20	-34.32	3	Vertical	0	1.68
6535MHz	Pass	AV	13.07009G	41.53	68.20	-26.67	3	Horizontal	305	1.72
6535MHz	Pass	PK	13.07051G	54.09	88.20	-34.11	3	Horizontal	305	1.72
6695MHz	Pass	AV	13.38349G	42.69	54.00	-11.31	3	Vertical	321	1.49
6695MHz	Pass	PK	13.38187G	55.55	74.00	-18.45	3	Vertical	321	1.49
6695MHz	Pass	AV	13.38802G	43.66	54.00	-10.34	3	Horizontal	51	1.25
6695MHz	Pass	PK	13.38919G	56.35	74.00	-17.65	3	Horizontal	51	1.25
6855MHz	Pass	AV	13.69584G	41.02	68.20	-27.18	3	Vertical	148	1.50
6855MHz	Pass	PK	13.71831G	54.35	88.20	-33.85	3	Vertical	148	1.50
6855MHz	Pass	AV	13.70997G	41.58	68.20	-26.62	3	Horizontal	51	1.50
6855MHz	Pass	PK	13.70961G	55.05	88.20	-33.15	3	Horizontal	51	1.50
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.925G	57.00	68.20	-11.20	3	Vertical	6	1.50
5955MHz	Pass	AV	5.9463G	112.46	Inf	-Inf	3	Vertical	6	1.50
5955MHz	Pass	PK	5.9244G	84.61	88.20	-3.59	3	Vertical	6	1.50
5955MHz	Pass	PK	5.9472G	124.78	Inf	-Inf	3	Vertical	6	1.50
5955MHz	Pass	AV	11.91003G	40.77	54.00	-13.23	3	Vertical	27	1.00
5955MHz	Pass	PK	11.90994G	52.33	74.00	-21.67	3	Vertical	27	1.00
5955MHz	Pass	AV	11.91006G	39.36	54.00	-14.64	3	Horizontal	59	1.50
5955MHz	Pass	PK	11.91354G	52.54	74.00	-21.46	3	Horizontal	59	1.50
6195MHz	Pass	AV	12.39021G	40.71	54.00	-13.29	3	Vertical	9	1.28
6195MHz	Pass	PK	12.39012G	53.32	74.00	-20.68	3	Vertical	9	1.28
6195MHz	Pass	AV	12.39051G	42.31	54.00	-11.69	3	Horizontal	14	1.50
6195MHz	Pass	PK	12.39021G	54.57	74.00	-19.43	3	Horizontal	14	1.50
6415MHz	Pass	AV	12.83027G	40.14	68.20	-28.06	3	Vertical	321	1.50
6415MHz	Pass	PK	12.82934G	52.98	88.20	-35.22	3	Vertical	321	1.50
6415MHz	Pass	AV	12.83705G	40.70	68.20	-27.50	3	Horizontal	315	1.41
6415MHz	Pass	PK	12.81656G	53.59	88.20	-34.61	3	Horizontal	315	1.41
6535MHz	Pass	AV	13.06997G	40.67	68.20	-27.53	3	Vertical	30	1.51
6535MHz	Pass	PK	13.07531G	53.55	88.20	-34.65	3	Vertical	30	1.51
6535MHz	Pass	AV	13.07321G	39.92	68.20	-28.28	3	Horizontal	263	1.50
6535MHz	Pass	PK	13.06535G	53.25	88.20	-34.95	3	Horizontal	263	1.50
6695MHz	Pass	AV	13.38898G	42.44	54.00	-11.56	3	Vertical	324	1.54
6695MHz	Pass	PK	13.38862G	55.82	74.00	-18.18	3	Vertical	324	1.54
6695MHz	Pass	AV	13.38427G	41.20	54.00	-12.80	3	Horizontal	351	2.43
6695MHz	Pass	PK	13.39867G	54.46	74.00	-19.54	3	Horizontal	351	2.43
6855MHz	Pass	AV	13.71144G	41.53	68.20	-26.67	3	Vertical	345	1.00
6855MHz	Pass	PK	13.72119G	54.43	88.20	-33.77	3	Vertical	345	1.00
6855MHz	Pass	AV	13.71G	42.18	68.20	-26.02	3	Horizontal	57	1.50
6855MHz	Pass	PK	13.7082G	55.33	88.20	-32.87	3	Horizontal	57	1.50
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.9239G	65.20	68.20	-3.00	3	Vertical	27	1.50
5965MHz	Pass	AV	5.9632G	110.38	Inf	-Inf	3	Vertical	27	1.50



RSE TX above 1GHz_Non-Beamforming_Radio 3

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5965MHz	Pass	PK	5.9227G	82.35	88.20	-5.85	3	Vertical	27	1.50
5965MHz	Pass	PK	5.9641G	123.18	Inf	-Inf	3	Vertical	27	1.50
5965MHz	Pass	AV	11.92989G	39.83	54.00	-14.17	3	Vertical	152	2.91
5965MHz	Pass	PK	11.92901G	52.25	74.00	-21.75	3	Vertical	152	2.91
5965MHz	Pass	AV	11.9299G	40.03	54.00	-13.97	3	Horizontal	66	2.08
5965MHz	Pass	PK	11.92992G	51.99	74.00	-22.01	3	Horizontal	66	2.08
6205MHz	Pass	AV	12.40993G	38.91	54.00	-15.09	3	Vertical	309	1.67
6205MHz	Pass	PK	12.40953G	52.32	74.00	-21.68	3	Vertical	309	1.67
6205MHz	Pass	AV	12.41007G	39.11	54.00	-14.89	3	Horizontal	79	2.82
6205MHz	Pass	PK	12.41058G	51.87	74.00	-22.13	3	Horizontal	79	2.82
6405MHz	Pass	AV	12.80983G	40.39	68.20	-27.81	3	Vertical	235	1.54
6405MHz	Pass	PK	12.80944G	52.79	88.20	-35.41	3	Vertical	235	1.54
6405MHz	Pass	AV	12.80993G	40.23	68.20	-27.97	3	Horizontal	42	2.53
6405MHz	Pass	PK	12.81043G	52.75	88.20	-35.45	3	Horizontal	42	2.53
6565MHz	Pass	AV	13.12927G	40.14	68.20	-28.06	3	Vertical	206	1.99
6565MHz	Pass	PK	13.13057G	53.03	88.20	-35.17	3	Vertical	206	1.99
6565MHz	Pass	AV	13.12994G	40.98	68.20	-27.22	3	Horizontal	231	2.65
6565MHz	Pass	PK	13.13026G	53.49	88.20	-34.71	3	Horizontal	231	2.65
6685MHz	Pass	AV	13.37015G	41.25	54.00	-12.75	3	Vertical	113	2.61
6685MHz	Pass	PK	13.37064G	53.76	74.00	-20.24	3	Vertical	113	2.61
6685MHz	Pass	AV	13.36992G	41.18	54.00	-12.82	3	Horizontal	253	1.52
6685MHz	Pass	PK	13.37037G	53.80	74.00	-20.20	3	Horizontal	253	1.52
6845MHz	Pass	AV	13.68886G	42.51	68.20	-25.69	3	Vertical	157	1.56
6845MHz	Pass	PK	13.68902G	54.74	88.20	-33.46	3	Vertical	157	1.56
6845MHz	Pass	AV	13.68992G	44.07	68.20	-24.13	3	Horizontal	42	1.34
6845MHz	Pass	PK	13.68974G	55.75	88.20	-32.45	3	Horizontal	42	1.34
802.11ax HEW80_Nss1_(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.9155G	68.10	68.20	-0.10	3	Vertical	8	1.50
5985MHz	Pass	AV	5.976G	107.63	Inf	-Inf	3	Vertical	8	1.50
5985MHz	Pass	PK	5.916G	83.16	88.20	-5.04	3	Vertical	8	1.50
5985MHz	Pass	PK	5.976G	120.02	Inf	-Inf	3	Vertical	8	1.50
5985MHz	Pass	AV	11.96999G	40.25	54.00	-13.75	3	Vertical	322	1.42
5985MHz	Pass	PK	11.97015G	53.09	74.00	-20.91	3	Vertical	322	1.42
5985MHz	Pass	AV	11.96987G	40.28	54.00	-13.72	3	Horizontal	203	2.87
5985MHz	Pass	PK	11.97015G	52.87	74.00	-21.13	3	Horizontal	203	2.87
6225MHz	Pass	AV	12.44922G	38.84	54.00	-15.16	3	Vertical	348	2.78
6225MHz	Pass	PK	12.45017G	52.79	74.00	-21.21	3	Vertical	348	2.78
6225MHz	Pass	AV	12.44979G	38.91	54.00	-15.09	3	Horizontal	90	2.00
6225MHz	Pass	PK	12.45087G	52.95	74.00	-21.05	3	Horizontal	90	2.00
6385MHz	Pass	AV	12.76986G	40.23	68.20	-27.97	3	Vertical	95	1.58
6385MHz	Pass	PK	12.76964G	52.70	88.20	-35.50	3	Vertical	95	1.58
6385MHz	Pass	AV	12.76984G	40.19	68.20	-28.01	3	Horizontal	154	1.94
6385MHz	Pass	PK	12.76986G	52.21	88.20	-35.99	3	Horizontal	154	1.94
6625MHz	Pass	AV	13.24929G	40.66	68.20	-27.54	3	Vertical	19	2.07
6625MHz	Pass	PK	13.25051G	53.69	74.00	-20.31	3	Vertical	19	2.07
6625MHz	Pass	AV	13.24996G	41.11	68.20	-27.09	3	Horizontal	59	1.85
6625MHz	Pass	PK	13.25016G	53.16	74.00	-20.84	3	Horizontal	59	1.85
6705MHz	Pass	AV	13.4099G	41.37	68.20	-26.83	3	Vertical	186	1.22
6705MHz	Pass	PK	13.40982G	53.77	88.20	-34.43	3	Vertical	186	1.22
6705MHz	Pass	AV	13.41014G	41.13	68.20	-27.07	3	Horizontal	348	1.24
6705MHz	Pass	PK	13.40992G	54.32	88.20	-33.88	3	Horizontal	348	1.24
6785MHz	Pass	AV	13.56975G	41.71	68.20	-26.49	3	Vertical	35	2.70
6785MHz	Pass	PK	13.57016G	56.12	88.20	-32.08	3	Vertical	35	2.70
6785MHz	Pass	AV	13.56965G	41.61	68.20	-26.59	3	Horizontal	315	1.91
6785MHz	Pass	PK	13.5706G	54.54	88.20	-33.66	3	Horizontal	315	1.91
802.11ax HEW160_Nss1_(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	AV	5.925G	63.34	68.20	-4.86	3	Vertical	350	1.50
6025MHz	Pass	AV	6.0495G	104.78	Inf	-Inf	3	Vertical	350	1.50
6025MHz	Pass	PK	5.925G	77.03	88.20	-11.17	3	Vertical	350	1.50
6025MHz	Pass	PK	6.0505G	118.19	Inf	-Inf	3	Vertical	350	1.50
6025MHz	Pass	AV	12.04992G	40.17	54.00	-13.83	3	Vertical	349	1.85
6025MHz	Pass	PK	12.05019G	52.29	74.00	-21.71	3	Vertical	349	1.85



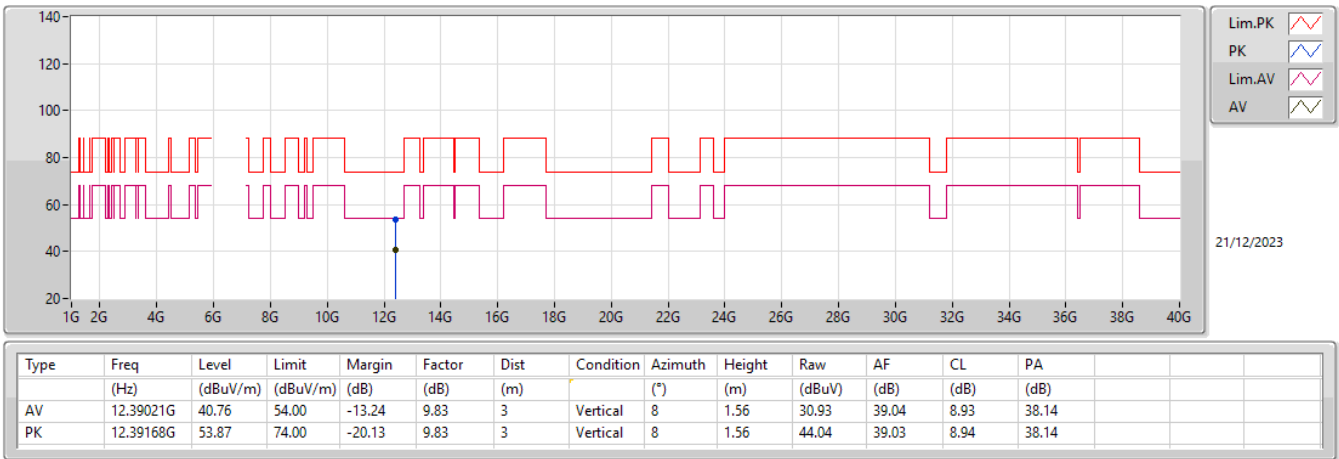
RSE TX above 1GHz_Non-Beamforming_Radio 3

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6025MHz	Pass	AV	12.04991G	40.94	54.00	-13.06	3	Horizontal	235	1.20
6025MHz	Pass	PK	12.05002G	53.70	74.00	-20.30	3	Horizontal	235	1.20
6185MHz	Pass	AV	12.36992G	39.36	54.00	-14.64	3	Vertical	19	2.50
6185MHz	Pass	PK	12.3699G	51.36	74.00	-22.64	3	Vertical	19	2.50
6185MHz	Pass	AV	12.36975G	39.19	54.00	-14.81	3	Horizontal	356	1.09
6185MHz	Pass	PK	12.36937G	52.47	74.00	-21.53	3	Horizontal	356	1.09
6345MHz	Pass	AV	12.69015G	40.16	54.00	-13.84	3	Vertical	324	1.04
6345MHz	Pass	PK	12.69052G	52.24	74.00	-21.76	3	Vertical	324	1.04
6345MHz	Pass	AV	12.69004G	40.24	54.00	-13.76	3	Horizontal	174	1.73
6345MHz	Pass	PK	12.69093G	52.76	74.00	-21.24	3	Horizontal	174	1.73
6665MHz	Pass	AV	13.32986G	40.80	54.00	-13.20	3	Vertical	22	2.54
6665MHz	Pass	PK	13.32947G	54.71	74.00	-19.29	3	Vertical	22	2.54
6665MHz	Pass	AV	13.32983G	41.10	54.00	-12.90	3	Horizontal	100	1.05
6665MHz	Pass	PK	13.32902G	53.68	74.00	-20.32	3	Horizontal	100	1.05

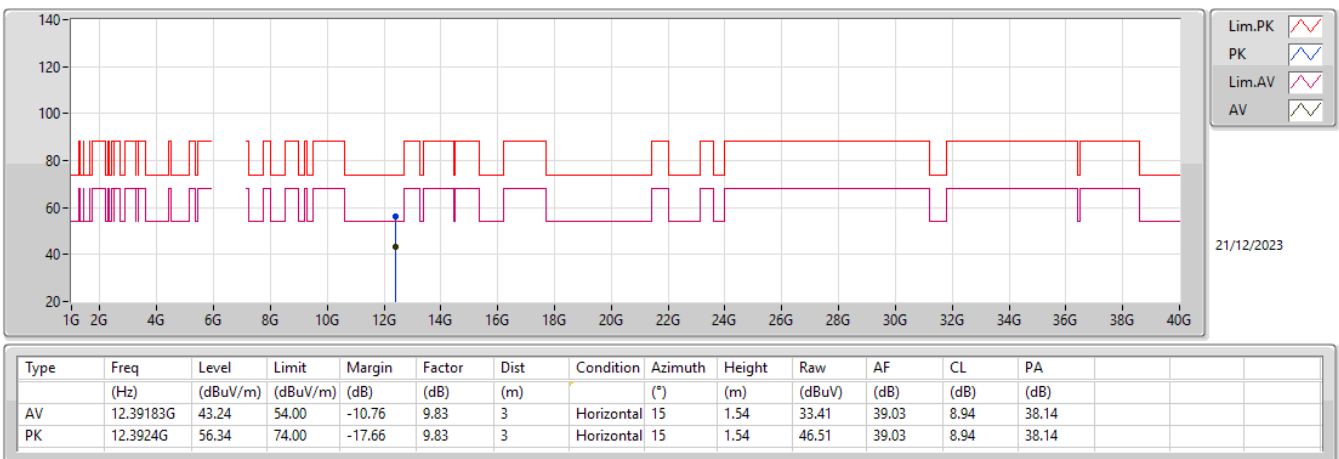
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6195MHz_TX



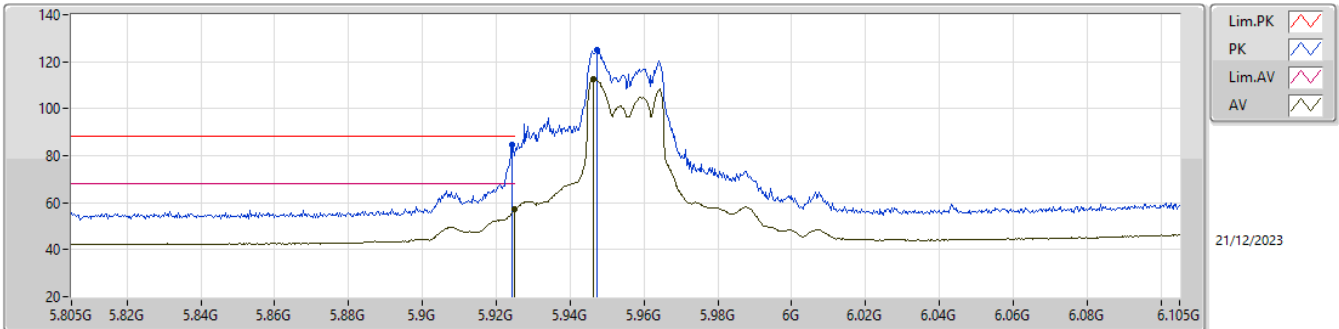
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6195MHz_TX



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

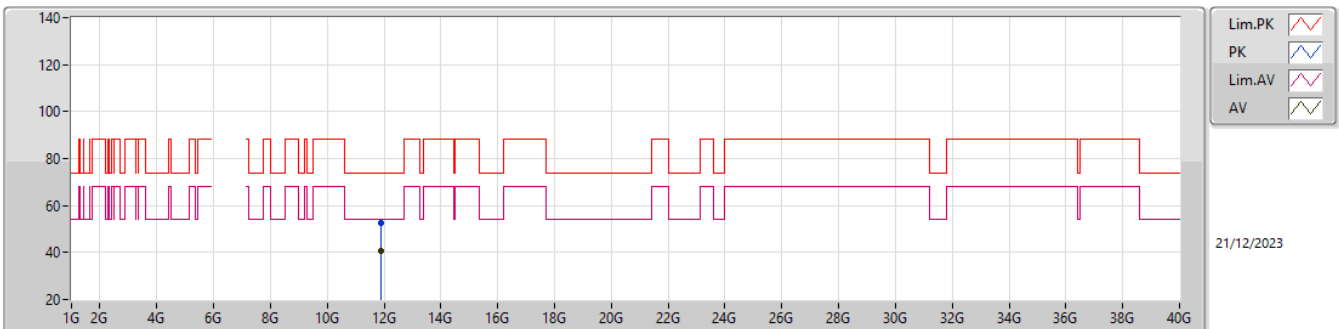
5955MHz_TX



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	5.925G	57.00	68.20	-11.20	3.35	3	Vertical	6	1.50	53.65	34.50	5.88	37.03
AV	5.9463G	112.46	Inf	-Inf	3.38	3	Vertical	6	1.50	109.08	34.50	5.89	37.01
PK	5.9244G	84.61	88.20	-3.59	3.35	3	Vertical	6	1.50	81.26	34.50	5.88	37.03
PK	5.9472G	124.78	Inf	-Inf	3.38	3	Vertical	6	1.50	121.40	34.50	5.89	37.01

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

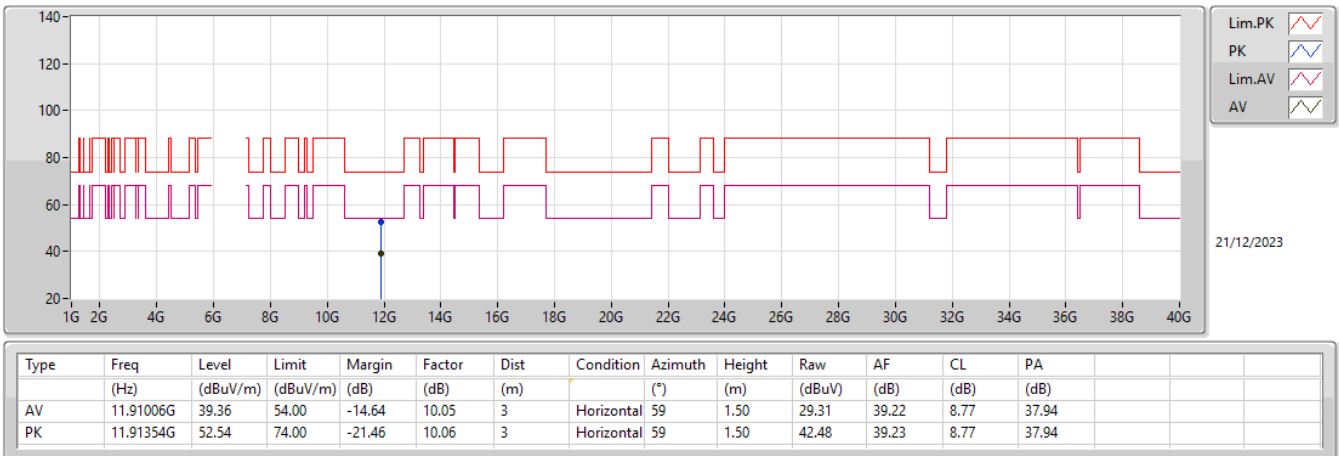
5955MHz_TX



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	11.91003G	40.77	54.00	-13.23	10.05	3	Vertical	27	1.00	30.72	39.22	8.77	37.94
PK	11.90994G	52.33	74.00	-21.67	10.05	3	Vertical	27	1.00	42.28	39.22	8.77	37.94

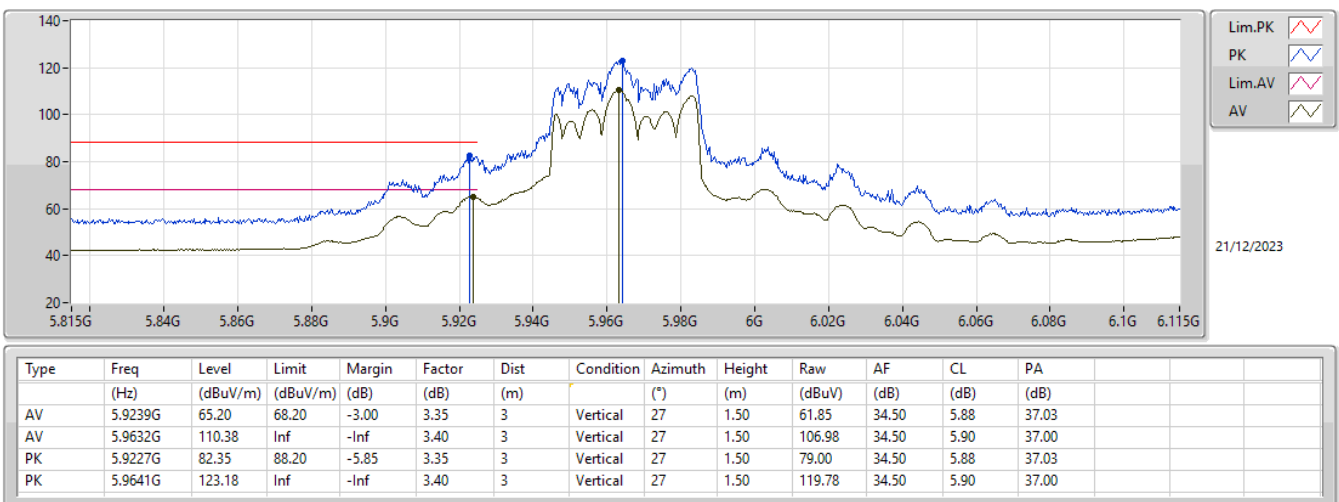
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5955MHz_TX



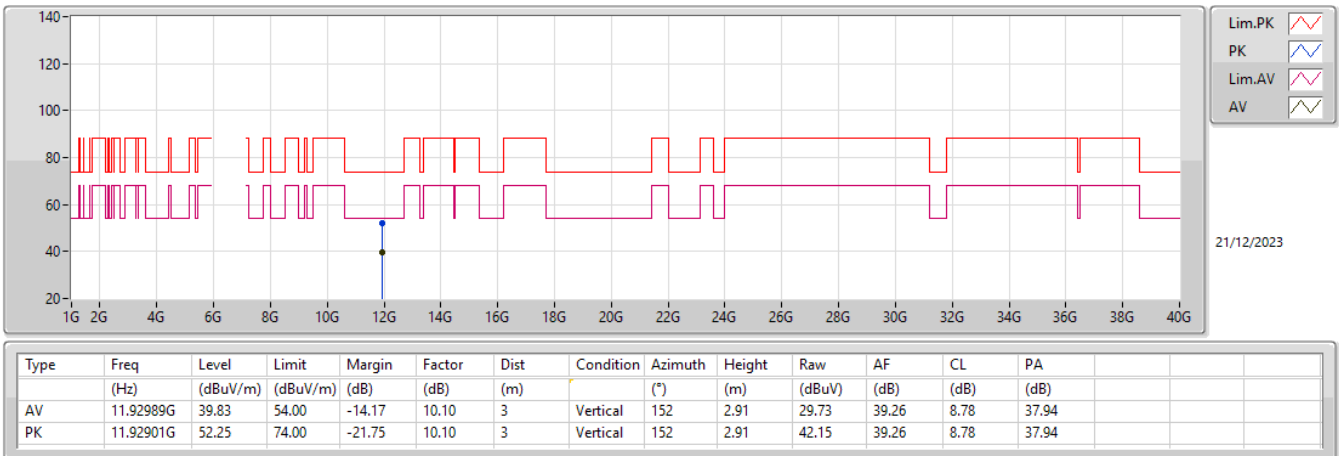
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5965MHz_TX



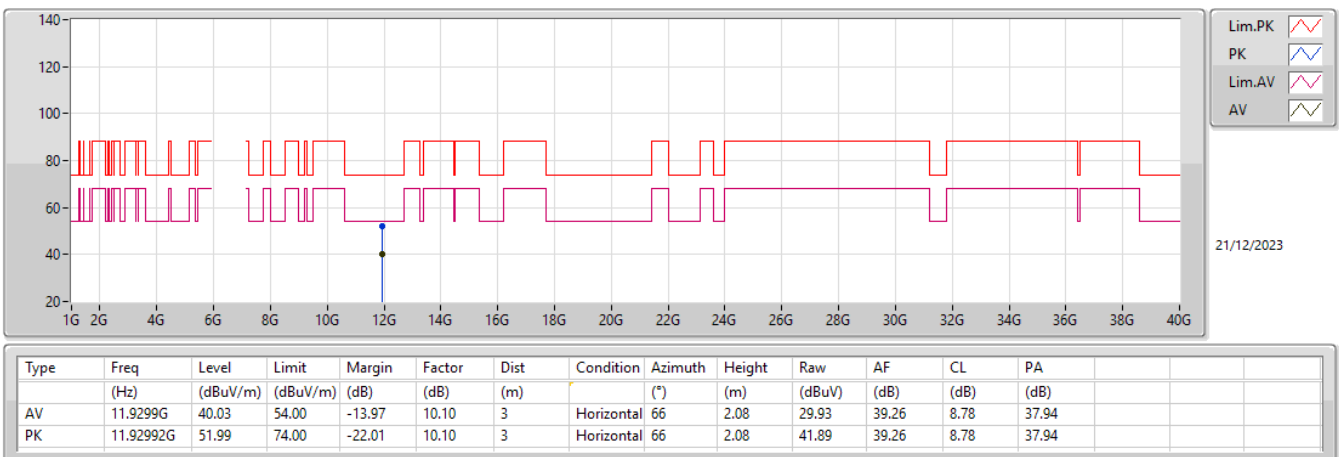
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5965MHz_TX



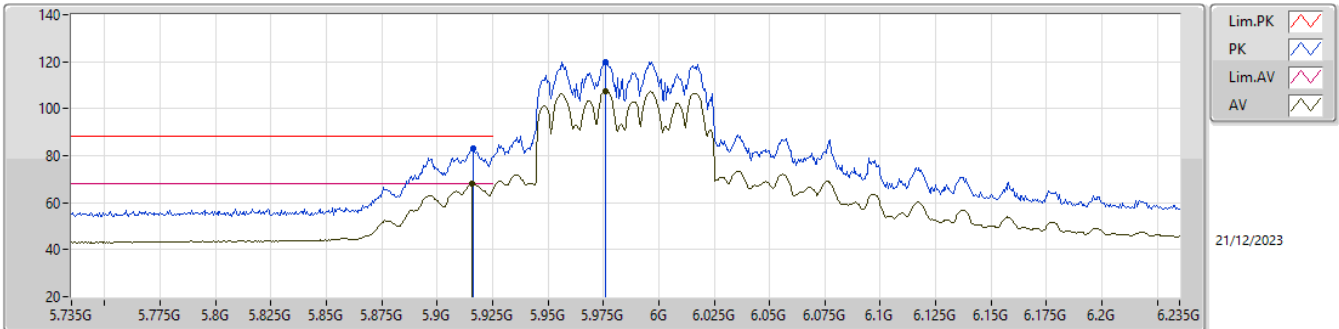
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5965MHz_TX



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

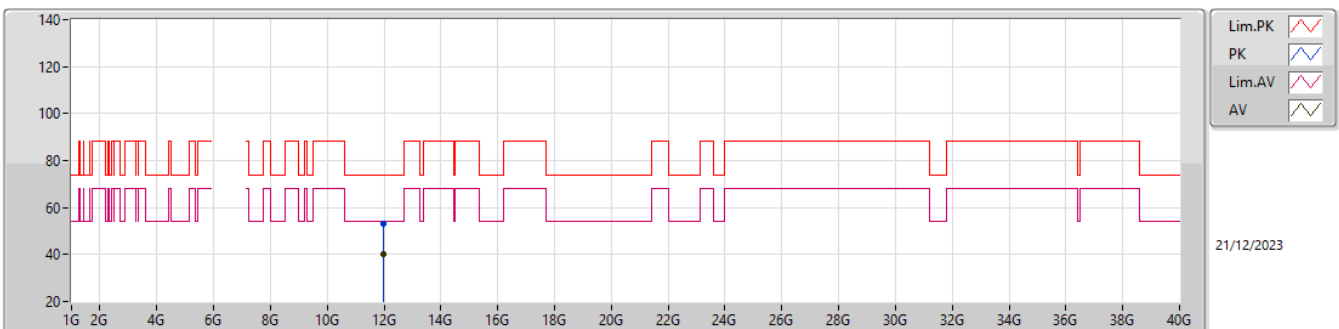
5985MHz_TX



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	5.9155G	68.10	68.20	-0.10	3.34	3	Vertical	8	1.50	64.76	34.50	5.87	37.03
AV	5.976G	107.63	Inf	-Inf	3.42	3	Vertical	8	1.50	104.21	34.50	5.91	36.99
PK	5.916G	83.16	88.20	-5.04	3.34	3	Vertical	8	1.50	79.82	34.50	5.87	37.03
PK	5.976G	120.02	Inf	-Inf	3.42	3	Vertical	8	1.50	116.60	34.50	5.91	36.99

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

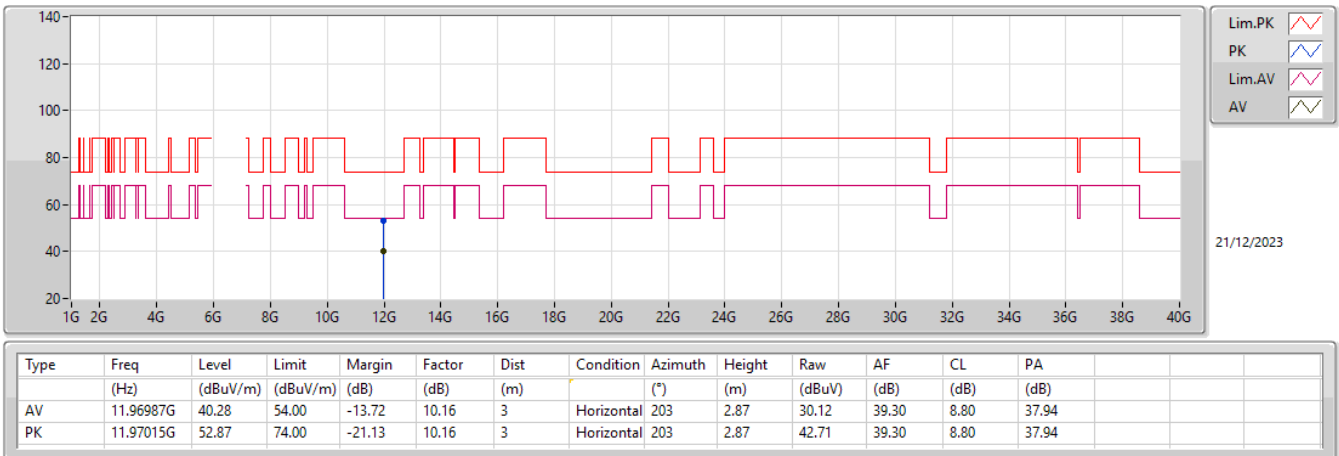
5985MHz_TX



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	11.96999G	40.25	54.00	-13.75	10.16	3	Vertical	322	1.42	30.09	39.30	8.80	37.94
PK	11.97015G	53.09	74.00	-20.91	10.16	3	Vertical	322	1.42	42.93	39.30	8.80	37.94

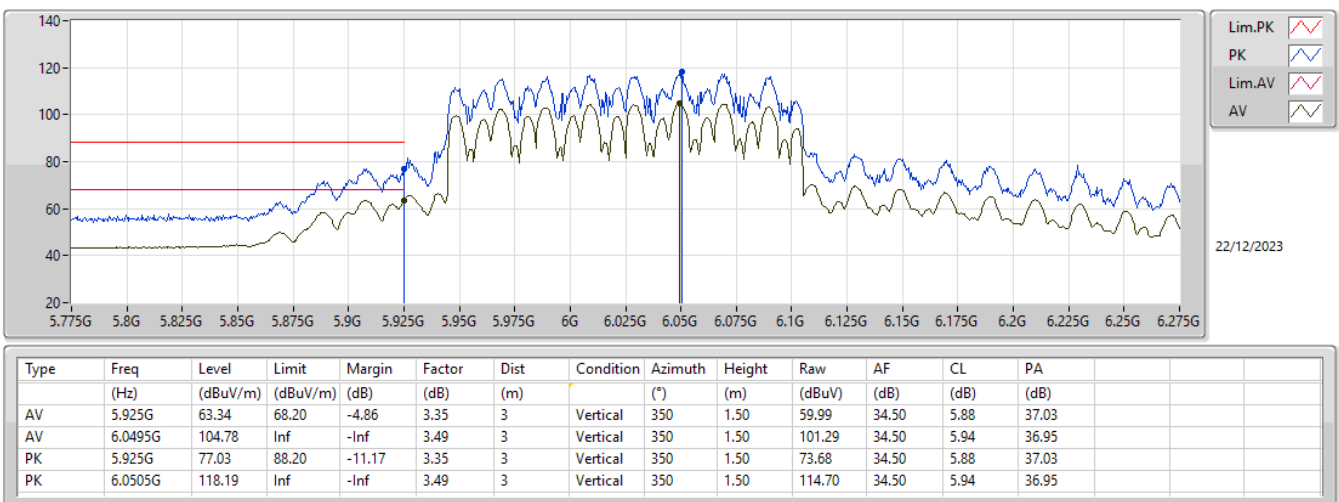
5.925-6.425GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5985MHz_TX



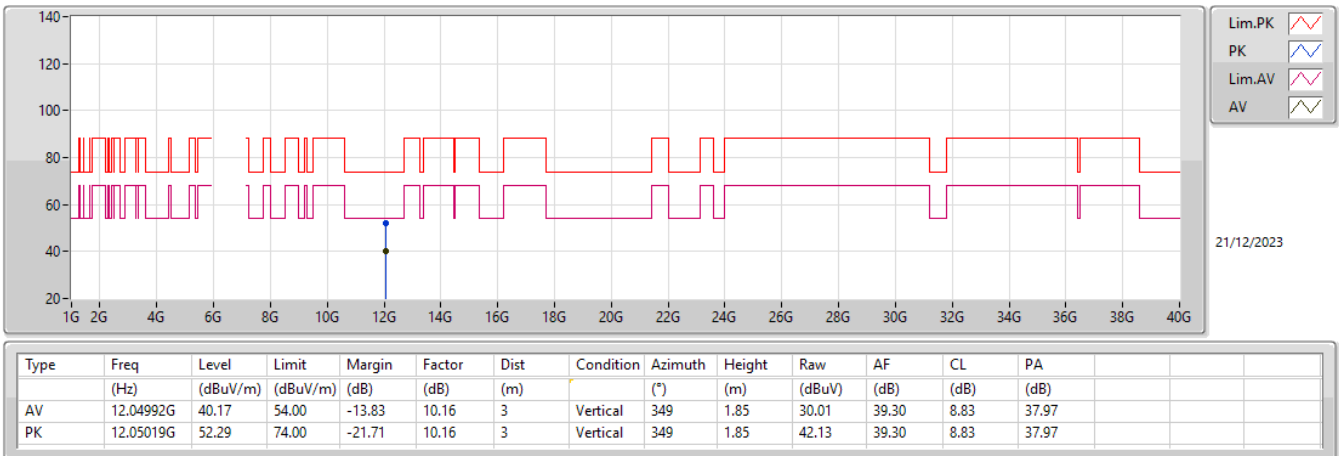
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6025MHz_TX



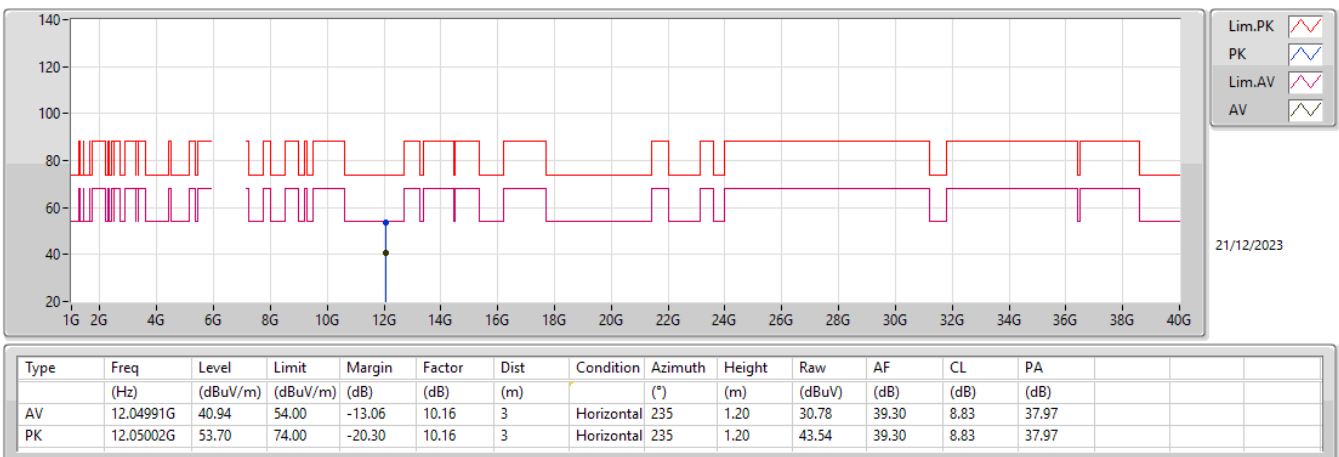
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6025MHz_TX



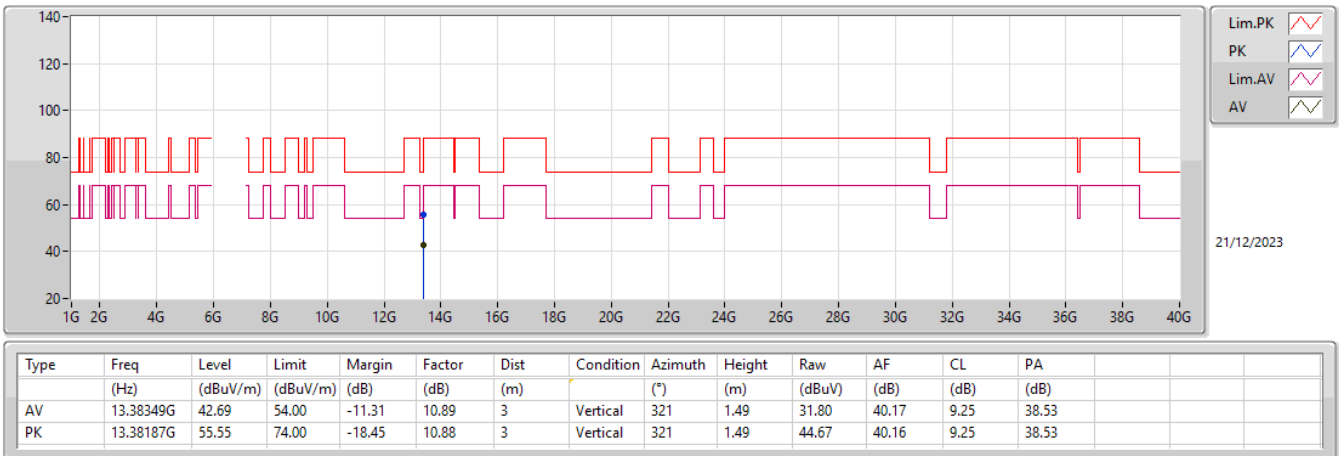
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6025MHz_TX



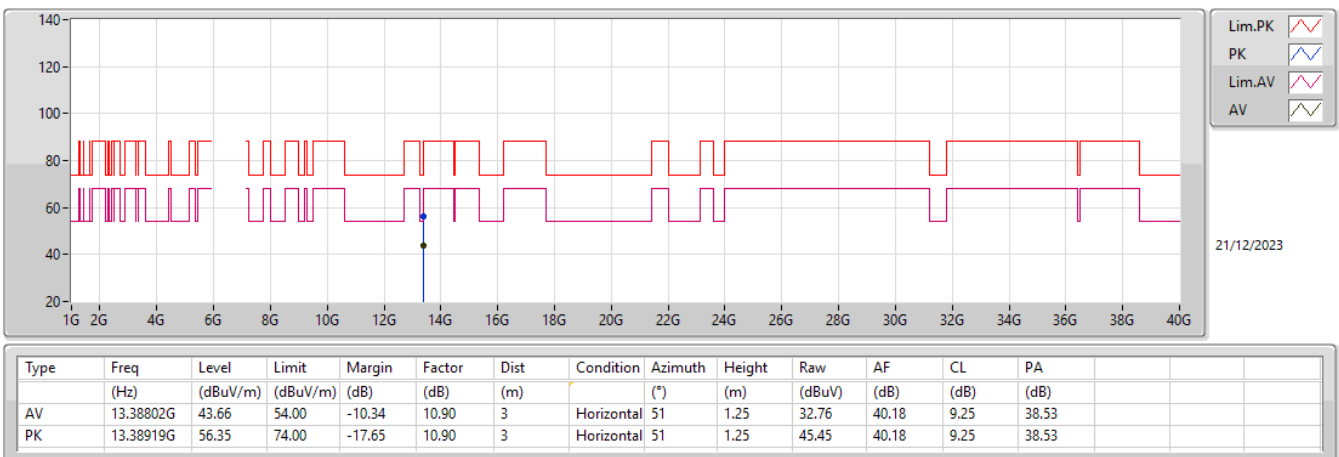
6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

6695MHz_TX



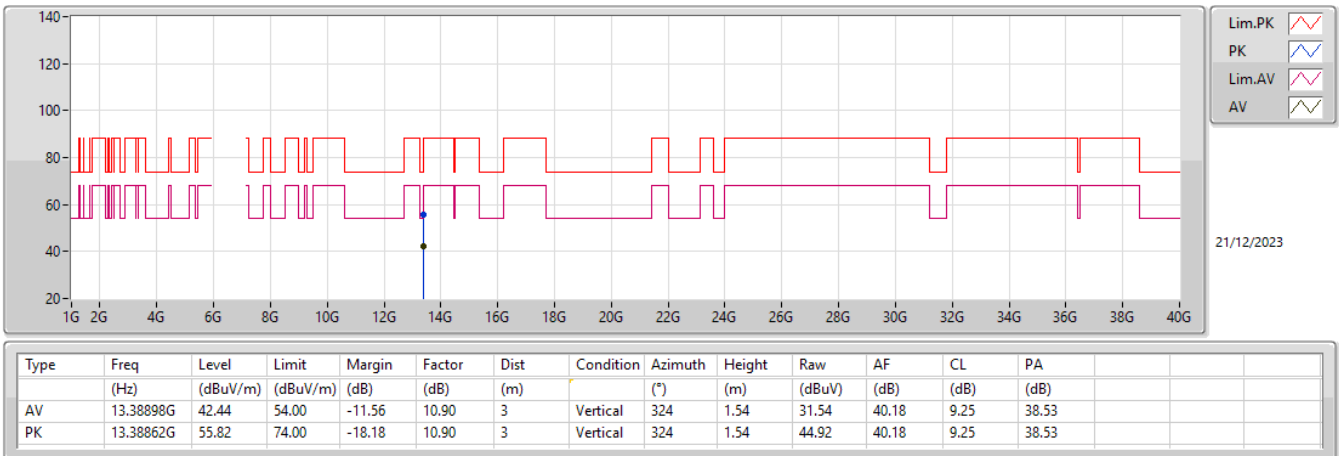
6.525-6.875GHz_802.11a_Nss1,(6Mbps)_4TX

6695MHz_TX



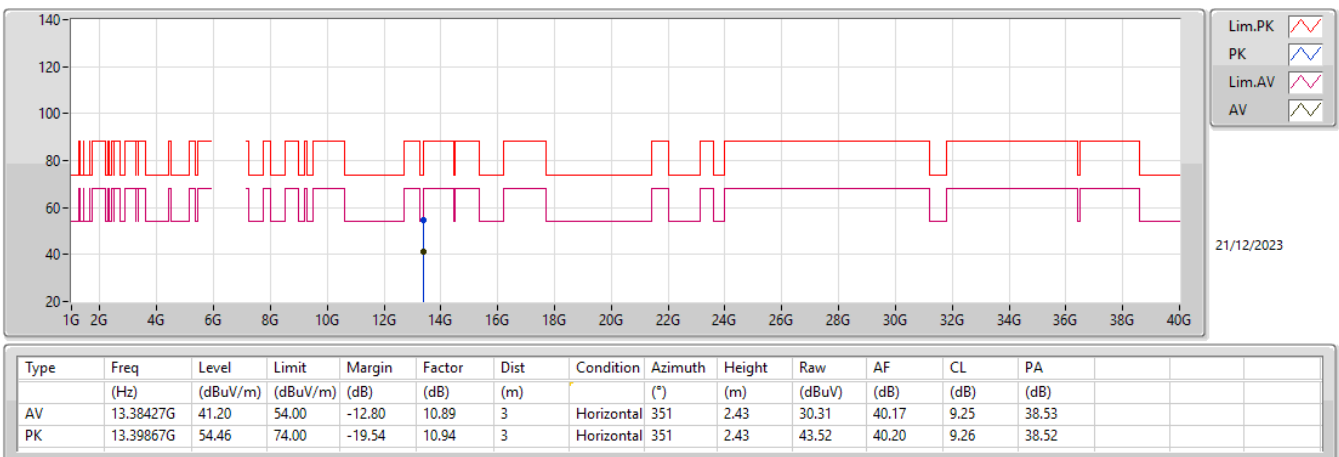
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX



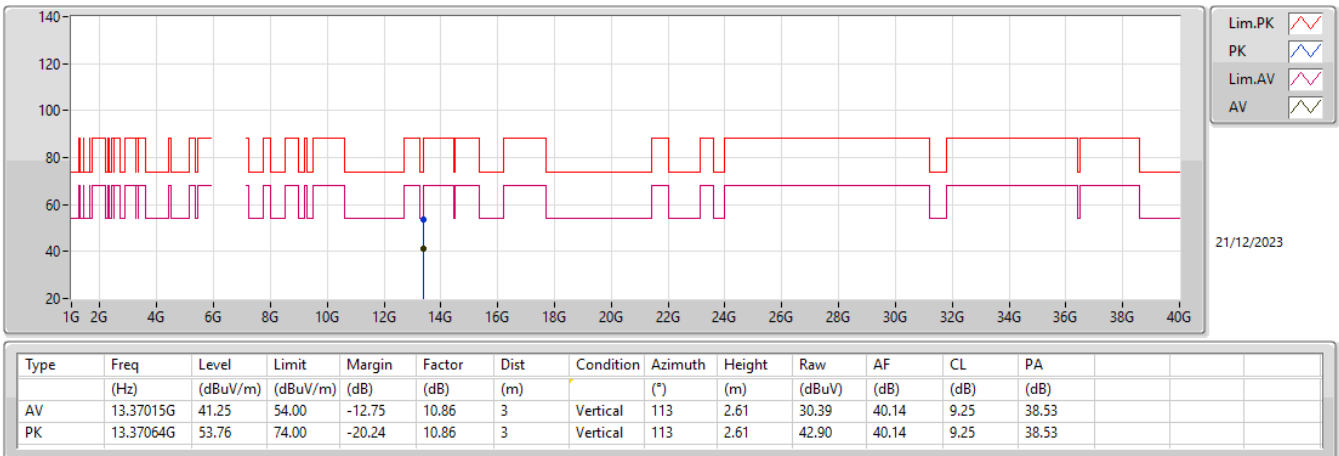
6.525-6.875GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

6695MHz_TX



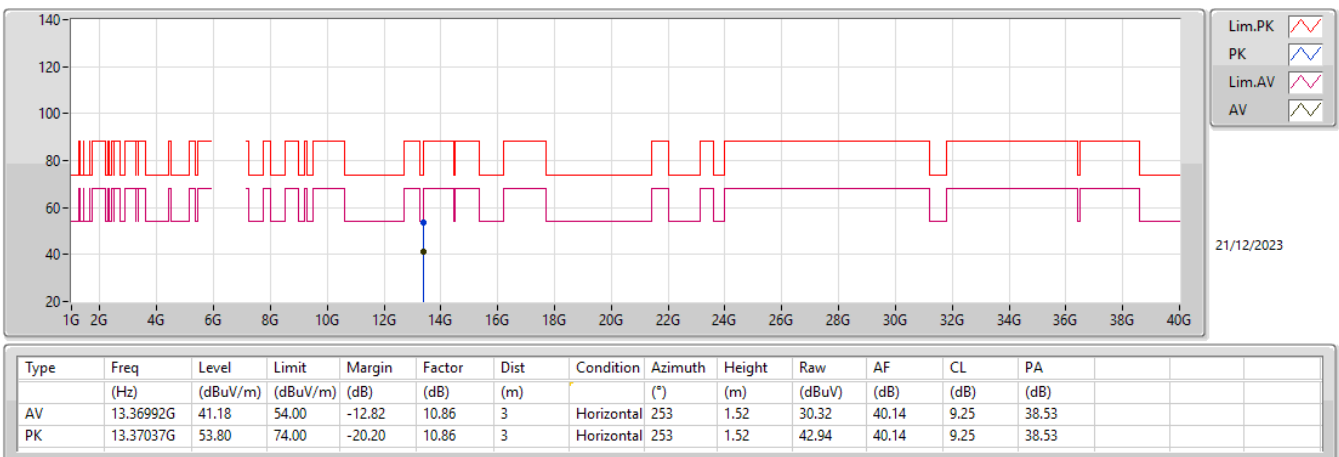
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6685MHz_TX



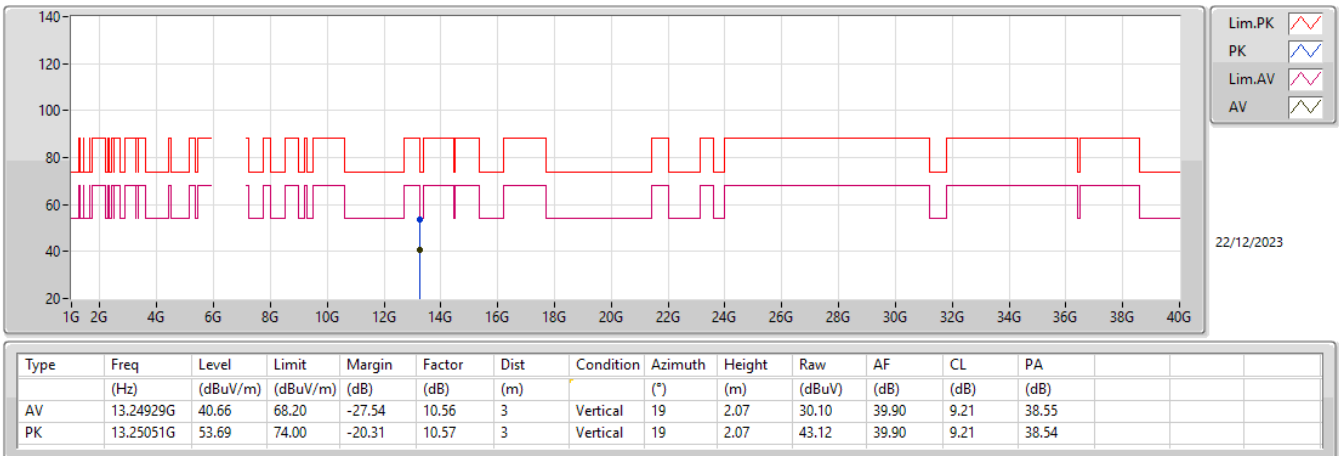
6.525-6.875GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

6685MHz_TX



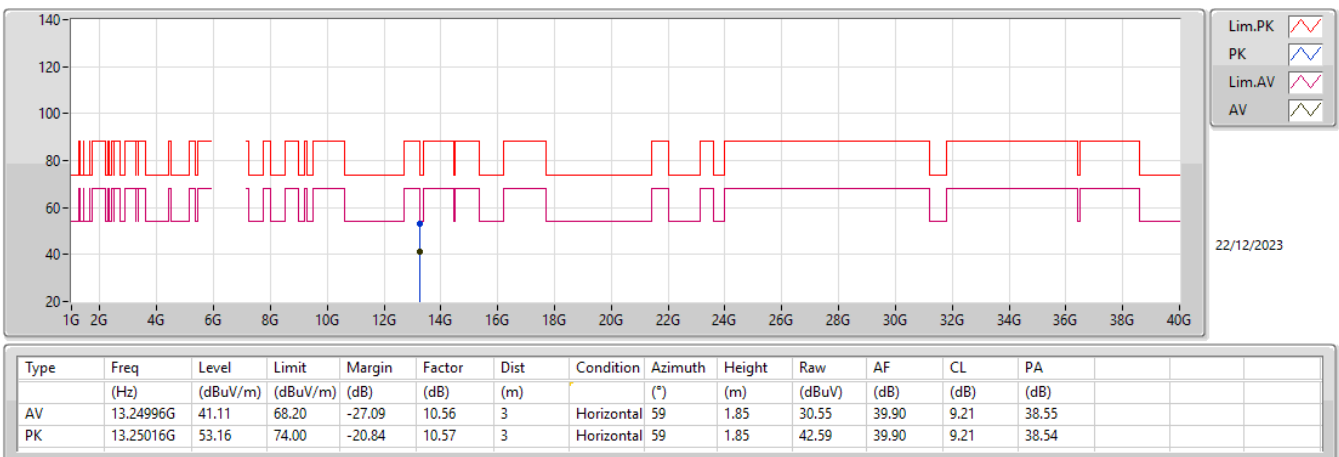
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6625MHz_TX



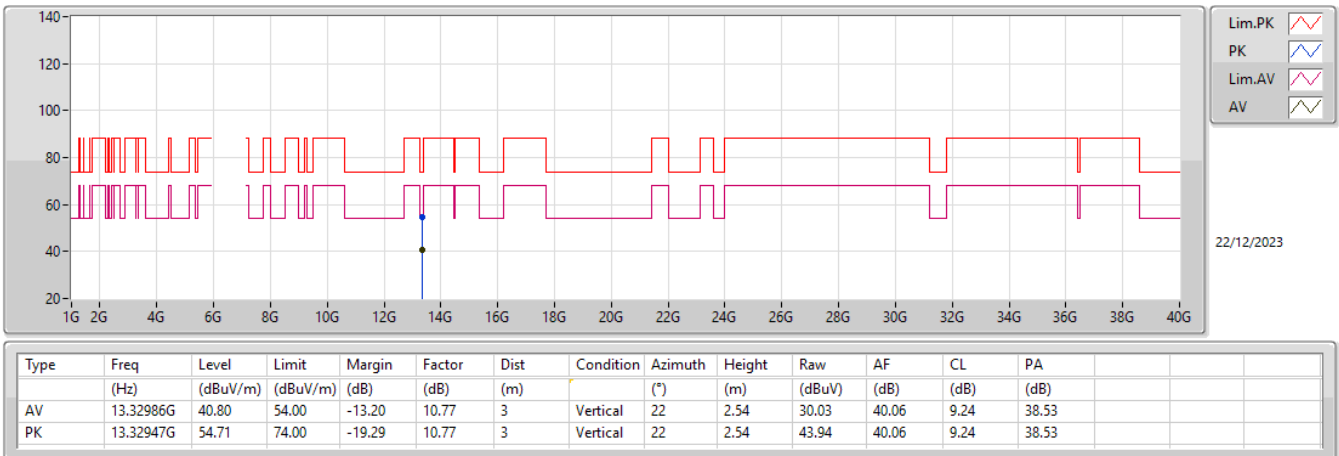
6.525-6.875GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

6625MHz_TX



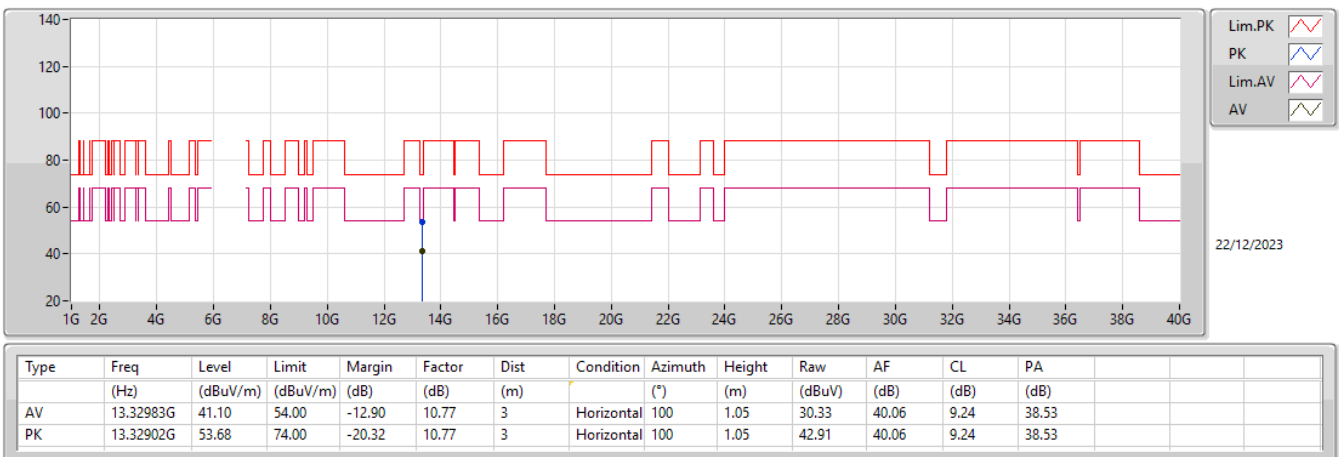
6.525-6.875GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

6665MHz_TX



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

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-BF_Nss1,(MCS0)_4TX	Pass	6.406627G	-10.68	6.46365G	-59.16	-50.68	-8.48	3
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	6.201301G	-7.85	6.2386G	-33.34	-30.00	-3.34	1
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	5.9795G	-7.66	6.0814G	-45.42	-40.87	-4.55	1
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	6.15701G	-11.07	6.5022G	-52.30	-51.07	-1.23	3
6.525-6.875GHz	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	6.701123G	-5.42	6.677725G	-33.48	-29.10	-4.38	1
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	6.560201G	-5.02	6.54285G	-27.55	-25.45	-2.10	1
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	6.6118G	-5.32	6.5782G	-27.64	-26.55	-1.09	1
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	6.64121G	-10.93	7.0092G	-51.14	-50.93	-0.21	3

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.947352G	-8.66	5.91845G	-59.69	-48.66	-11.03	1
5955MHz	Pass	5.946327G	-9.01	6.0048G	-60.56	-49.01	-11.55	2
5955MHz	Pass	5.961248G	-10.90	5.9898G	-60.95	-50.90	-10.05	3
5955MHz	Pass	5.963848G	-8.77	5.99825G	-60.59	-48.77	-11.82	4
6195MHz	Pass	6.187552G	-6.97	6.184175G	-34.94	-24.37	-10.57	1
6195MHz	Pass	6.185927G	-9.02	6.22655G	-59.83	-49.02	-10.81	2
6195MHz	Pass	6.186527G	-10.92	6.242625G	-59.84	-50.92	-8.92	3
6195MHz	Pass	6.204298G	-8.61	6.232125G	-59.79	-48.61	-11.18	4
6415MHz	Pass	6.407252G	-6.30	6.383975G	-55.40	-45.64	-9.76	1
6415MHz	Pass	6.407602G	-9.79	6.4608G	-59.29	-49.79	-9.50	2
6415MHz	Pass	6.406627G	-10.68	6.46365G	-59.16	-50.68	-8.48	3
6415MHz	Pass	6.406102G	-8.19	6.452125G	-59.17	-48.19	-10.98	4
6535MHz	Pass	6.542473G	-5.52	6.54855G	-35.31	-25.64	-9.67	1
6535MHz	Pass	6.542273G	-9.17	6.56655G	-59.19	-49.17	-10.02	2
6535MHz	Pass	6.543023G	-10.00	6.5827G	-59.37	-50.00	-9.37	3
6535MHz	Pass	6.541748G	-7.30	6.575325G	-59.32	-47.30	-12.02	4
6695MHz	Pass	6.701123G	-5.42	6.677725G	-33.48	-29.10	-4.38	1
6695MHz	Pass	6.702548G	-10.28	6.662625G	-62.38	-50.28	-12.10	2
6695MHz	Pass	6.703423G	-10.91	6.663825G	-62.68	-50.91	-11.77	3
6695MHz	Pass	6.704223G	-7.95	6.68335G	-42.27	-28.12	-14.15	4
6855MHz	Pass	6.861323G	-7.25	6.886G	-50.46	-45.49	-4.97	1
6855MHz	Pass	6.863923G	-10.96	6.890825G	-61.44	-50.96	-10.48	2
6855MHz	Pass	6.847202G	-12.62	6.90085G	-61.53	-52.62	-8.91	3
6855MHz	Pass	6.864323G	-8.83	6.903975G	-61.42	-48.83	-12.59	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.962251G	-7.56	6.0027G	-37.64	-32.08	-5.56	1
5965MHz	Pass	5.96415G	-8.28	6.0319G	-58.82	-48.28	-10.54	2
5965MHz	Pass	5.969199G	-10.05	6.02915G	-59.05	-50.05	-9.00	3
5965MHz	Pass	5.958052G	-8.06	6.04925G	-58.63	-48.06	-10.57	4
6205MHz	Pass	6.201301G	-7.85	6.2386G	-33.34	-30.00	-3.34	1
6205MHz	Pass	6.207399G	-8.39	6.29455G	-58.32	-48.39	-9.93	2
6205MHz	Pass	6.202901G	-10.87	6.29245G	-58.74	-50.87	-7.87	3
6205MHz	Pass	6.213848G	-8.04	6.29645G	-58.50	-48.04	-10.46	4
6405MHz	Pass	6.389354G	-7.00	6.4355G	-34.30	-27.62	-6.68	1
6405MHz	Pass	6.399001G	-9.05	6.4684G	-57.80	-49.05	-8.75	2
6405MHz	Pass	6.394853G	-9.93	6.48035G	-57.91	-49.93	-7.98	3
6405MHz	Pass	6.410149G	-7.78	6.4892G	-57.91	-47.78	-10.13	4
6565MHz	Pass	6.560201G	-5.02	6.54285G	-27.55	-25.45	-2.10	1
6565MHz	Pass	6.559501G	-8.16	6.4866G	-57.66	-48.16	-9.50	2
6565MHz	Pass	6.56305G	-8.90	6.49115G	-57.85	-48.90	-8.95	3
6565MHz	Pass	6.569399G	-5.93	6.50165G	-57.41	-45.93	-11.48	4
6685MHz	Pass	6.692298G	-5.69	6.72735G	-33.49	-25.99	-7.50	1
6685MHz	Pass	6.68325G	-8.71	6.7827G	-58.60	-48.71	-9.89	2
6685MHz	Pass	6.687699G	-10.16	6.7821G	-58.60	-50.16	-8.44	3
6685MHz	Pass	6.676302G	-7.00	6.7396G	-53.58	-43.73	-9.85	4
6845MHz	Pass	6.858547G	-3.05	6.757G	-47.85	-43.05	-4.80	1
6845MHz	Pass	6.840101G	-10.33	6.93995G	-57.03	-50.33	-6.70	2
6845MHz	Pass	6.8466G	-11.21	6.93105G	-57.13	-51.21	-5.92	3
6845MHz	Pass	6.831653G	-7.92	6.9421G	-57.09	-47.92	-9.17	4
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.9795G	-7.66	6.0814G	-45.42	-40.87	-4.55	1
5985MHz	Pass	5.9807G	-8.35	6.1291G	-55.87	-48.35	-7.52	2
5985MHz	Pass	5.9867G	-9.82	6.1439G	-56.18	-49.82	-6.36	3
5985MHz	Pass	5.9939G	-8.01	6.1564G	-55.66	-48.01	-7.65	4

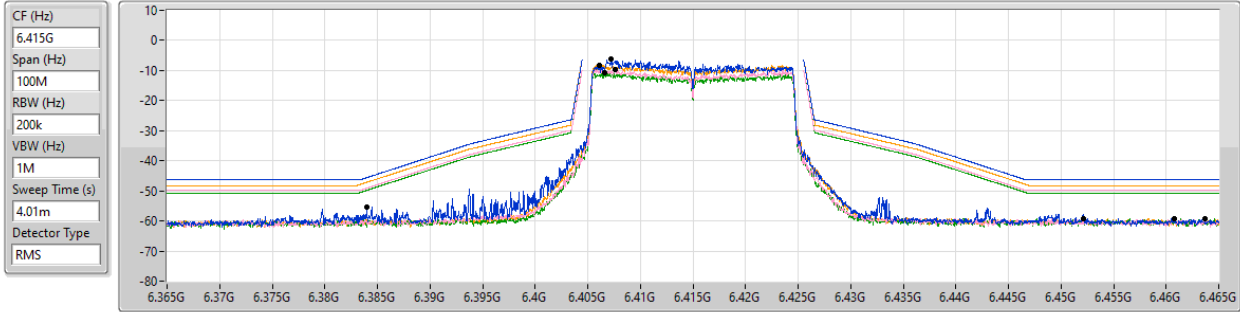
Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
6225MHz	Pass	6.2159G	-7.96	6.425G	-55.43	-47.96	-7.47	1
6225MHz	Pass	6.236G	-9.00	6.3666G	-55.41	-49.00	-6.41	2
6225MHz	Pass	6.2232G	-10.75	6.3515G	-55.46	-50.75	-4.71	3
6225MHz	Pass	6.23G	-8.21	6.3693G	-55.31	-48.21	-7.10	4
6385MHz	Pass	6.3809G	-7.22	6.518G	-53.73	-47.22	-6.51	1
6385MHz	Pass	6.39G	-9.27	6.5099G	-55.06	-49.27	-5.79	2
6385MHz	Pass	6.3826G	-9.97	6.5096G	-55.36	-49.97	-5.39	3
6385MHz	Pass	6.3939G	-8.04	6.5082G	-55.02	-48.04	-6.98	4
6625MHz	Pass	6.6118G	-5.32	6.5782G	-27.64	-26.55	-1.09	1
6625MHz	Pass	6.6094G	-9.08	6.502G	-55.08	-49.08	-6.00	2
6625MHz	Pass	6.6192G	-10.44	6.4893G	-55.29	-50.44	-4.85	3
6625MHz	Pass	6.6217G	-6.55	6.49G	-54.80	-46.55	-8.25	4
6705MHz	Pass	6.7124G	-4.85	6.6227G	-33.44	-26.29	-7.15	1
6705MHz	Pass	6.7071G	-8.60	6.9044G	-54.60	-48.60	-6.00	2
6705MHz	Pass	6.7076G	-9.62	6.8958G	-54.78	-49.62	-5.16	3
6705MHz	Pass	6.7192G	-6.85	6.8823G	-54.19	-46.85	-7.34	4
6785MHz	Pass	6.7799G	-5.61	6.8828G	-35.85	-30.54	-5.31	1
6785MHz	Pass	6.7701G	-9.31	6.9758G	-54.15	-49.31	-4.84	2
6785MHz	Pass	6.7815G	-9.72	6.969G	-53.84	-49.72	-4.12	3
6785MHz	Pass	6.7824G	-6.44	6.9649G	-53.89	-46.44	-7.45	4
802.11ax HEW160-BF_Nss1.(MCS0)_4TX	-	-	-	-	-	-	-	-
6025MHz	Pass	6.0168G	-7.47	6.106G	-31.04	-27.48	-3.56	1
6025MHz	Pass	5.99381G	-9.46	6.3632G	-52.78	-49.46	-3.32	2
6025MHz	Pass	6.0178G	-10.26	6.4152G	-52.78	-50.26	-2.52	3
6025MHz	Pass	5.98021G	-9.15	6.3654G	-52.65	-49.15	-3.50	4
6185MHz	Pass	6.21139G	-8.24	6.4024G	-47.01	-44.46	-2.55	1
6185MHz	Pass	6.16061G	-9.10	6.5084G	-51.98	-49.10	-2.88	2
6185MHz	Pass	6.15701G	-11.07	6.5022G	-52.30	-51.07	-1.23	3
6185MHz	Pass	6.1652G	-8.76	6.5066G	-52.08	-48.76	-3.32	4
6345MHz	Pass	6.32141G	-8.71	6.017G	-51.68	-48.71	-2.97	1
6345MHz	Pass	6.36899G	-8.91	6.7084G	-53.03	-48.91	-4.12	2
6345MHz	Pass	6.36839G	-10.90	6.6828G	-53.42	-50.90	-2.52	3
6345MHz	Pass	6.3374G	-7.77	6.6266G	-53.26	-47.77	-5.49	4
6665MHz	Pass	6.69199G	-5.08	7.0474G	-46.47	-45.08	-1.39	1
6665MHz	Pass	6.64061G	-9.98	6.9984G	-51.04	-49.98	-1.06	2
6665MHz	Pass	6.64121G	-10.93	7.0092G	-51.14	-50.93	-0.21	3
6665MHz	Pass	6.62081G	-7.26	7.0098G	-51.17	-47.26	-3.91	4

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

MASK

6415MHz_TX

24/02/2024



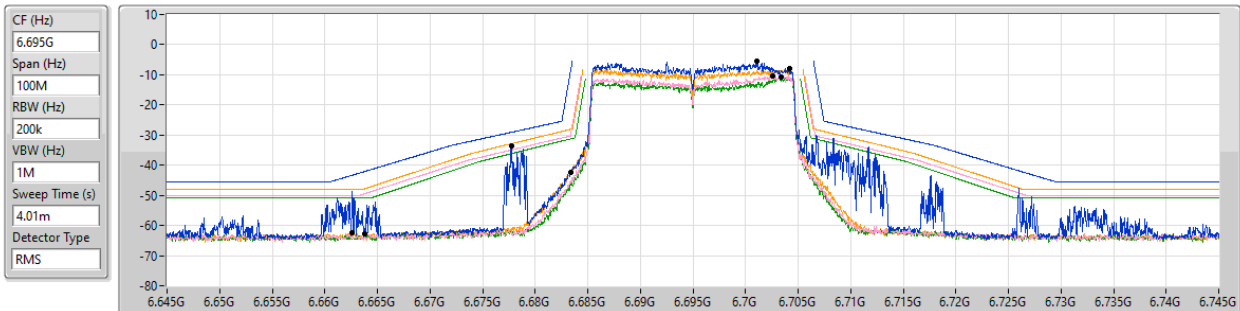
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.407252G	-6.30	6.383975G	-55.40	-45.64	-9.76	1
6.407602G	-9.79	6.4608G	-59.29	-49.79	-9.50	2
6.406627G	-10.68	6.46365G	-59.16	-50.68	-8.48	3
6.406102G	-8.19	6.452125G	-59.17	-48.19	-10.98	4

6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

MASK

6695MHz_TX

26/02/2024



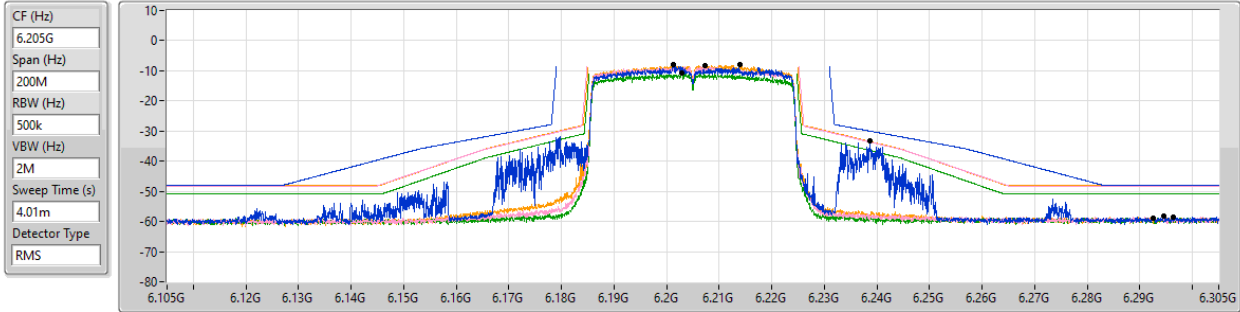
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.701123G	-5.42	6.677725G	-33.48	-29.10	-4.38	1
6.702548G	-10.28	6.662625G	-62.38	-50.28	-12.10	2
6.703423G	-10.91	6.663825G	-62.68	-50.91	-11.77	3
6.704223G	-7.95	6.68335G	-42.27	-28.12	-14.15	4

5.925-6.425GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

MASK

6205MHz_TX

26/02/2024



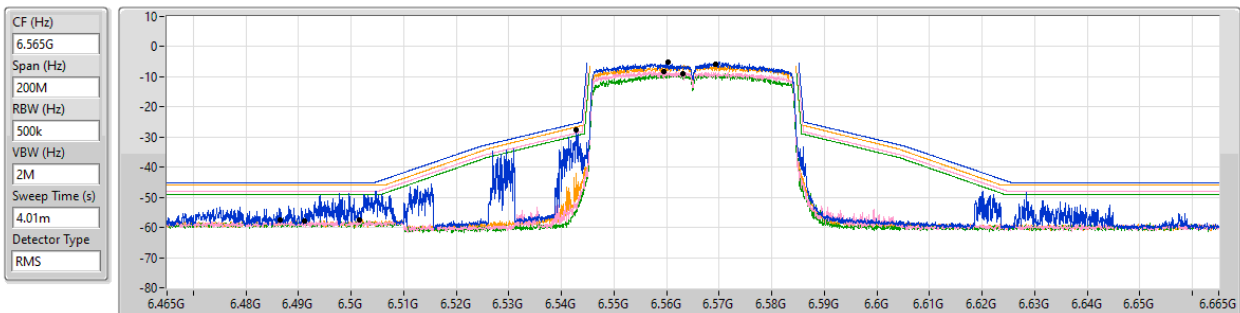
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.201301G	-7.85	6.2386G	-33.34	-30.00	-3.34	1
6.207399G	-8.39	6.29455G	-58.32	-48.39	-9.93	2
6.202901G	-10.87	6.29245G	-58.74	-50.87	-7.87	3
6.213848G	-8.04	6.29645G	-58.50	-48.04	-10.46	4

6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

MASK

6565MHz_TX

26/02/2024



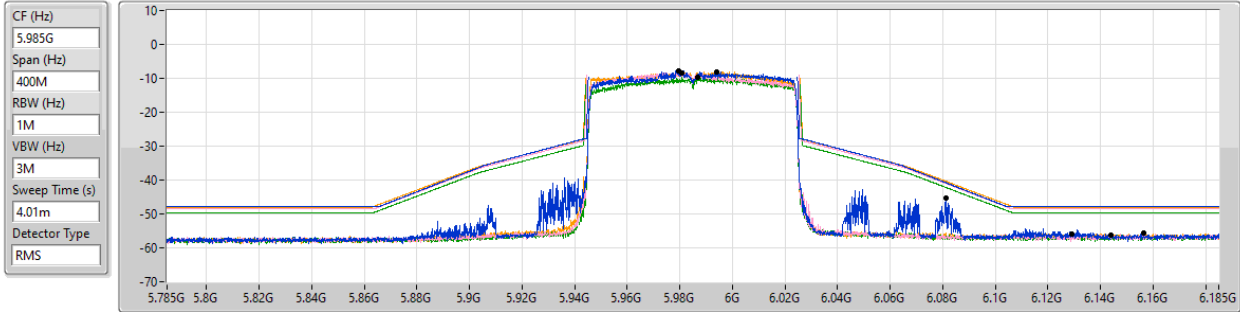
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.560201G	-5.02	6.54285G	-27.55	-25.45	-2.10	1
6.559501G	-8.16	6.4866G	-57.66	-48.16	-9.50	2
6.56305G	-8.90	6.49115G	-57.85	-48.90	-8.95	3
6.569399G	-5.93	6.50165G	-57.41	-45.93	-11.48	4

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

MASK

5985MHz_TX

26/02/2024



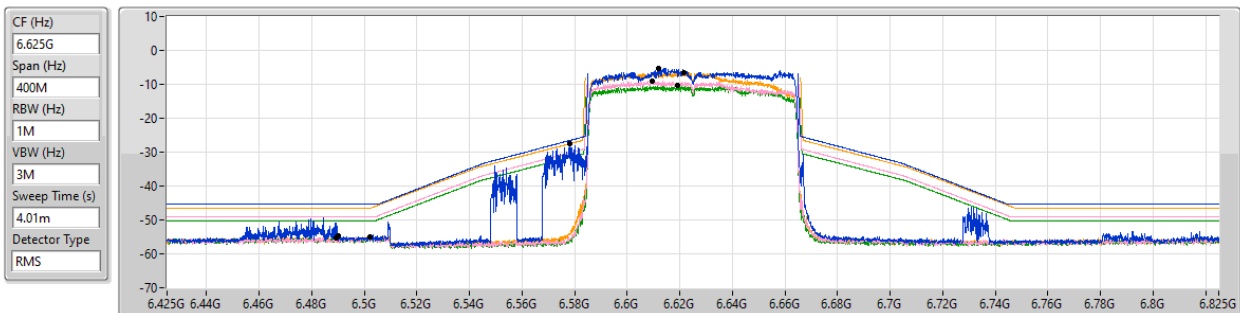
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
5.9795G	-7.66	6.0814G	-45.42	-40.87	-4.55	1
5.9807G	-8.35	6.1291G	-55.87	-48.35	-7.52	2
5.9867G	-9.82	6.1439G	-56.18	-49.82	-6.36	3
5.9939G	-8.01	6.1564G	-55.66	-48.01	-7.65	4

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

MASK

6625MHz_TX

26/02/2024



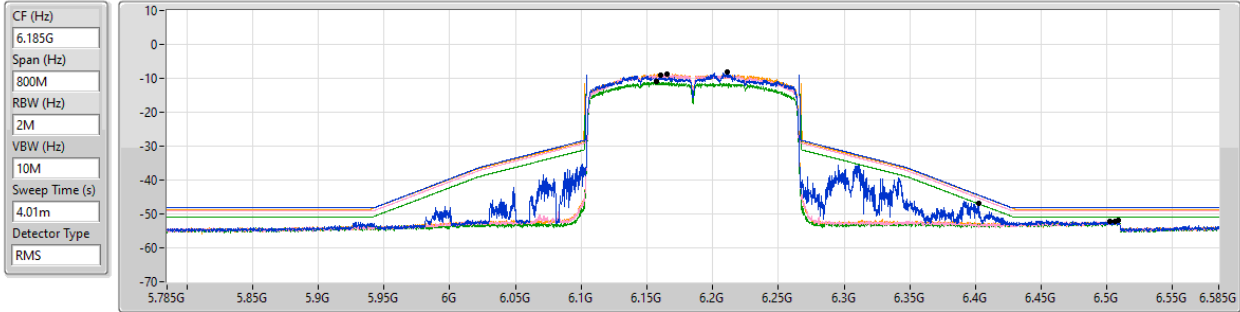
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.6118G	-5.32	6.5782G	-27.64	-26.55	-1.09	1
6.6094G	-9.08	6.502G	-55.08	-49.08	-6.00	2
6.6192G	-10.44	6.4893G	-55.29	-50.44	-4.85	3
6.6217G	-6.55	6.49G	-54.80	-46.55	-8.25	4

5.925-6.425GHz_802.11ax_HEW160-BF_Nss1,(MCS0)_4TX

MASK

6185MHz_TX

26/02/2024



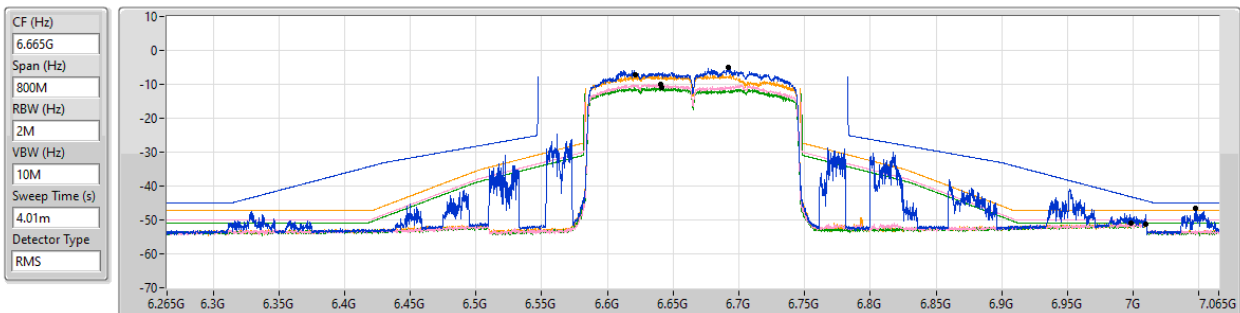
Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.21139G	-8.24	6.4024G	-47.01	-44.46	-2.55	1
6.16061G	-9.10	6.5084G	-51.98	-49.10	-2.88	2
6.15701G	-11.07	6.5022G	-52.30	-51.07	-1.23	3
6.1652G	-8.76	6.5066G	-52.08	-48.76	-3.32	4

6.525-6.875GHz_802.11ax_HEW160-BF_Nss1,(MCS0)_4TX

MASK

6665MHz_TX

26/02/2024



Ref(Hz)	Ref(dBm)	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Port
6.69199G	-5.08	7.0474G	-46.47	-45.08	-1.39	1
6.64061G	-9.98	6.9984G	-51.04	-49.98	-1.06	2
6.64121G	-10.93	7.0092G	-51.14	-50.93	-0.21	3
6.62081G	-7.26	7.0098G	-51.17	-47.26	-3.91	4

**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)_4TX	Pass	AV	11.90992G	43.54	54.00	-10.46	3	Vertical	24	1.15
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.9242G	77.97	88.20	-10.23	3	Vertical	13	1.50
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	11.96982G	40.30	54.00	-13.70	3	Horizontal	15	1.42
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	AV	12.68989G	40.15	54.00	-13.85	3	Horizontal	310	1.50
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	13.38988G	42.16	54.00	-11.84	3	Horizontal	52	2.85
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	13.36988G	41.72	54.00	-12.28	3	Vertical	28	1.50
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	13.25003G	41.05	54.00	-12.95	3	Horizontal	328	1.48
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	Pass	AV	13.32985G	42.10	54.00	-11.90	3	Horizontal	52	2.77

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)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	AV	5.9202G	47.16	68.20	-21.04	3	Vertical	345	1.50
5955MHz	Pass	AV	5.9631G	103.21	Inf	-Inf	3	Vertical	345	1.50
5955MHz	Pass	PK	5.9238G	65.87	88.20	-22.33	3	Vertical	345	1.50
5955MHz	Pass	PK	5.9616G	116.01	Inf	-Inf	3	Vertical	345	1.50
5955MHz	Pass	AV	5.9247G	44.08	68.20	-24.12	3	Horizontal	149	1.50
5955MHz	Pass	AV	5.9637G	84.68	Inf	-Inf	3	Horizontal	149	1.50
5955MHz	Pass	PK	5.8488G	57.74	88.20	-30.46	3	Horizontal	149	1.50
5955MHz	Pass	PK	5.9613G	97.09	Inf	-Inf	3	Horizontal	149	1.50
5955MHz	Pass	AV	11.90992G	43.54	54.00	-10.46	3	Vertical	24	1.15
5955MHz	Pass	PK	11.90987G	53.47	74.00	-20.53	3	Vertical	24	1.15
5955MHz	Pass	AV	11.90996G	40.47	54.00	-13.53	3	Horizontal	15	2.75
5955MHz	Pass	PK	11.91022G	52.27	74.00	-21.73	3	Horizontal	15	2.75
6195MHz	Pass	AV	12.38767G	38.57	54.00	-15.43	3	Vertical	130	1.50
6195MHz	Pass	PK	12.38631G	52.32	74.00	-21.68	3	Vertical	130	1.50
6195MHz	Pass	AV	12.39008G	38.91	54.00	-15.09	3	Horizontal	9	1.50
6195MHz	Pass	PK	12.38535G	52.20	74.00	-21.80	3	Horizontal	9	1.50
6415MHz	Pass	AV	12.83018G	39.69	68.20	-28.51	3	Vertical	352	1.50
6415MHz	Pass	PK	12.83224G	53.16	88.20	-35.04	3	Vertical	352	1.50
6415MHz	Pass	AV	12.82997G	40.41	68.20	-27.79	3	Horizontal	304	1.46
6415MHz	Pass	PK	12.83406G	53.25	88.20	-34.95	3	Horizontal	304	1.46
6535MHz	Pass	AV	13.06992G	40.61	68.20	-27.59	3	Vertical	51	1.58
6535MHz	Pass	PK	13.06705G	52.90	88.20	-35.30	3	Vertical	51	1.58
6535MHz	Pass	AV	13.07002G	40.23	68.20	-27.97	3	Horizontal	44	1.54
6535MHz	Pass	PK	13.0716G	53.02	88.20	-35.18	3	Horizontal	44	1.54
6695MHz	Pass	AV	13.38995G	41.35	54.00	-12.65	3	Vertical	0	1.47
6695MHz	Pass	PK	13.39037G	54.60	74.00	-19.40	3	Vertical	0	1.47
6695MHz	Pass	AV	13.38988G	42.16	54.00	-11.84	3	Horizontal	52	2.85
6695MHz	Pass	PK	13.38833G	54.73	74.00	-19.27	3	Horizontal	52	2.85
6855MHz	Pass	AV	13.70983G	41.53	68.20	-26.67	3	Vertical	61	1.55
6855MHz	Pass	PK	13.70631G	54.46	88.20	-33.74	3	Vertical	61	1.55
6855MHz	Pass	AV	13.70997G	42.46	68.20	-25.74	3	Horizontal	39	2.40
6855MHz	Pass	PK	13.71214G	54.50	88.20	-33.70	3	Horizontal	39	2.40
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	AV	5.9245G	54.10	68.20	-14.10	3	Vertical	13	1.50
5965MHz	Pass	AV	5.9662G	100.03	Inf	-Inf	3	Vertical	13	1.50
5965MHz	Pass	PK	5.9242G	77.97	88.20	-10.23	3	Vertical	13	1.50
5965MHz	Pass	PK	5.9695G	113.69	Inf	-Inf	3	Vertical	13	1.50
5965MHz	Pass	AV	5.9218G	48.39	68.20	-19.81	3	Horizontal	151	1.22
5965MHz	Pass	AV	5.9608G	82.49	Inf	-Inf	3	Horizontal	151	1.22
5965MHz	Pass	PK	5.9227G	67.57	88.20	-20.63	3	Horizontal	151	1.22
5965MHz	Pass	PK	5.9689G	97.85	Inf	-Inf	3	Horizontal	151	1.22
5965MHz	Pass	AV	11.92992G	43.24	54.00	-10.76	3	Vertical	24	1.16
5965MHz	Pass	PK	11.92972G	54.38	74.00	-19.62	3	Vertical	24	1.16
5965MHz	Pass	AV	11.92988G	39.68	54.00	-14.32	3	Horizontal	316	1.50
5965MHz	Pass	PK	11.93662G	52.18	74.00	-21.82	3	Horizontal	316	1.50
6205MHz	Pass	AV	12.41948G	38.57	54.00	-15.43	3	Vertical	51	2.97
6205MHz	Pass	PK	12.40218G	52.37	74.00	-21.63	3	Vertical	51	2.97
6205MHz	Pass	AV	12.4188G	38.57	54.00	-15.43	3	Horizontal	0	1.50
6205MHz	Pass	PK	12.40344G	53.21	74.00	-20.79	3	Horizontal	0	1.50
6405MHz	Pass	AV	12.8098G	40.19	68.20	-28.01	3	Vertical	23	1.04
6405MHz	Pass	PK	12.8039G	52.56	88.20	-35.64	3	Vertical	23	1.04
6405MHz	Pass	AV	12.80988G	40.39	68.20	-27.81	3	Horizontal	307	1.49
6405MHz	Pass	PK	12.80598G	53.27	88.20	-34.93	3	Horizontal	307	1.49
6565MHz	Pass	AV	13.13002G	41.47	68.20	-26.73	3	Vertical	51	1.62
6565MHz	Pass	PK	13.1395G	53.58	88.20	-34.62	3	Vertical	51	1.62
6565MHz	Pass	AV	13.12986G	40.62	68.20	-27.58	3	Horizontal	43	1.50
6565MHz	Pass	PK	13.12354G	53.35	88.20	-34.85	3	Horizontal	43	1.50
6685MHz	Pass	AV	13.36988G	41.72	54.00	-12.28	3	Vertical	28	1.50
6685MHz	Pass	PK	13.37938G	53.51	74.00	-20.49	3	Vertical	28	1.50
6685MHz	Pass	AV	13.36994G	41.03	54.00	-12.97	3	Horizontal	314	1.50



RSE TX above 1GHz_Beamforming_Radio 3

Appendix E.5

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
6685MHz	Pass	PK	13.36544G	53.96	74.00	-20.04	3	Horizontal	314	1.50
6845MHz	Pass	AV	13.68988G	41.53	68.20	-26.67	3	Vertical	59	1.54
6845MHz	Pass	PK	13.69432G	54.64	88.20	-33.56	3	Vertical	59	1.54
6845MHz	Pass	AV	13.6828G	40.81	68.20	-27.39	3	Horizontal	360	1.50
6845MHz	Pass	PK	13.68038G	53.93	88.20	-34.27	3	Horizontal	360	1.50
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	AV	5.9245G	52.85	68.20	-15.35	3	Vertical	345	1.50
5985MHz	Pass	AV	5.9835G	96.79	Inf	-Inf	3	Vertical	345	1.50
5985MHz	Pass	PK	5.924G	73.08	88.20	-15.12	3	Vertical	345	1.50
5985MHz	Pass	PK	5.9775G	111.07	Inf	-Inf	3	Vertical	345	1.50
5985MHz	Pass	AV	5.9245G	46.72	68.20	-21.48	3	Horizontal	151	1.28
5985MHz	Pass	AV	6.0095G	78.91	Inf	-Inf	3	Horizontal	151	1.28
5985MHz	Pass	PK	5.911G	60.19	88.20	-28.01	3	Horizontal	151	1.28
5985MHz	Pass	PK	5.989G	94.61	Inf	-Inf	3	Horizontal	151	1.28
5985MHz	Pass	AV	11.96982G	39.43	54.00	-14.57	3	Vertical	349	1.64
5985MHz	Pass	PK	11.97301G	52.57	74.00	-21.43	3	Vertical	349	1.64
5985MHz	Pass	AV	11.96982G	40.30	54.00	-13.70	3	Horizontal	15	1.42
5985MHz	Pass	PK	11.96811G	53.03	74.00	-20.97	3	Horizontal	15	1.42
6225MHz	Pass	AV	12.44509G	38.95	54.00	-15.05	3	Vertical	310	1.72
6225MHz	Pass	PK	12.45245G	51.83	74.00	-22.17	3	Vertical	310	1.72
6225MHz	Pass	AV	12.44667G	38.87	54.00	-15.13	3	Horizontal	284	1.89
6225MHz	Pass	PK	12.44503G	52.30	74.00	-21.70	3	Horizontal	284	1.89
6385MHz	Pass	AV	12.76986G	40.79	68.20	-27.41	3	Vertical	20	1.50
6385MHz	Pass	PK	12.7699G	53.90	88.20	-34.30	3	Vertical	20	1.50
6385MHz	Pass	AV	12.76996G	40.74	68.20	-27.46	3	Horizontal	307	1.50
6385MHz	Pass	PK	12.77182G	53.17	88.20	-35.03	3	Horizontal	307	1.50
6625MHz	Pass	AV	13.24992G	41.54	68.20	-26.66	3	Vertical	354	1.46
6625MHz	Pass	PK	13.25239G	53.86	74.00	-20.14	3	Vertical	354	1.46
6625MHz	Pass	AV	13.25003G	41.05	54.00	-12.95	3	Horizontal	328	1.48
6625MHz	Pass	PK	13.24566G	53.97	88.20	-34.23	3	Horizontal	328	1.48
6705MHz	Pass	AV	13.40989G	41.72	68.20	-26.48	3	Vertical	29	1.50
6705MHz	Pass	PK	13.41247G	55.38	88.20	-32.82	3	Vertical	29	1.50
6705MHz	Pass	AV	13.40992G	41.57	68.20	-26.63	3	Horizontal	314	1.56
6705MHz	Pass	PK	13.40555G	54.47	88.20	-33.73	3	Horizontal	314	1.56
6785MHz	Pass	AV	13.56997G	41.41	68.20	-26.79	3	Vertical	62	1.49
6785MHz	Pass	PK	13.56937G	54.46	88.20	-33.74	3	Vertical	62	1.49
6785MHz	Pass	AV	13.56994G	41.53	68.20	-26.67	3	Horizontal	46	1.50
6785MHz	Pass	PK	13.56993G	54.25	88.20	-33.95	3	Horizontal	46	1.50
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	AV	5.912G	51.76	68.20	-16.44	3	Vertical	13	1.58
6025MHz	Pass	AV	6.029G	93.53	Inf	-Inf	3	Vertical	13	1.58
6025MHz	Pass	PK	5.9205G	69.19	88.20	-19.01	3	Vertical	13	1.58
6025MHz	Pass	PK	6.019G	107.13	Inf	-Inf	3	Vertical	13	1.58
6025MHz	Pass	AV	5.911G	45.50	68.20	-22.70	3	Horizontal	160	1.28
6025MHz	Pass	AV	6.06G	78.17	Inf	-Inf	3	Horizontal	160	1.28
6025MHz	Pass	PK	5.8695G	57.62	88.20	-30.58	3	Horizontal	160	1.28
6025MHz	Pass	PK	6.056G	92.57	Inf	-Inf	3	Horizontal	160	1.28
6025MHz	Pass	AV	12.0502G	39.19	54.00	-14.81	3	Vertical	221	1.50
6025MHz	Pass	PK	12.05427G	51.84	74.00	-22.16	3	Vertical	221	1.50
6025MHz	Pass	AV	12.04981G	39.62	54.00	-14.38	3	Horizontal	301	1.82
6025MHz	Pass	PK	12.04743G	52.68	74.00	-21.32	3	Horizontal	301	1.82
6185MHz	Pass	AV	12.36627G	39.02	54.00	-14.98	3	Vertical	197	1.50
6185MHz	Pass	PK	12.36992G	53.01	74.00	-20.99	3	Vertical	197	1.50
6185MHz	Pass	AV	12.36981G	39.10	54.00	-14.90	3	Horizontal	7	1.50
6185MHz	Pass	PK	12.36887G	52.36	74.00	-21.64	3	Horizontal	7	1.50
6345MHz	Pass	AV	12.68742G	39.71	54.00	-14.29	3	Vertical	66	1.50
6345MHz	Pass	PK	12.68835G	52.83	74.00	-21.17	3	Vertical	66	1.50
6345MHz	Pass	AV	12.68989G	40.15	54.00	-13.85	3	Horizontal	310	1.50
6345MHz	Pass	PK	12.68796G	53.74	74.00	-20.26	3	Horizontal	310	1.50
6665MHz	Pass	AV	13.32997G	42.01	54.00	-11.99	3	Vertical	28	1.50
6665MHz	Pass	PK	13.33022G	54.30	74.00	-19.70	3	Vertical	28	1.50
6665MHz	Pass	AV	13.32985G	42.10	54.00	-11.90	3	Horizontal	52	2.77



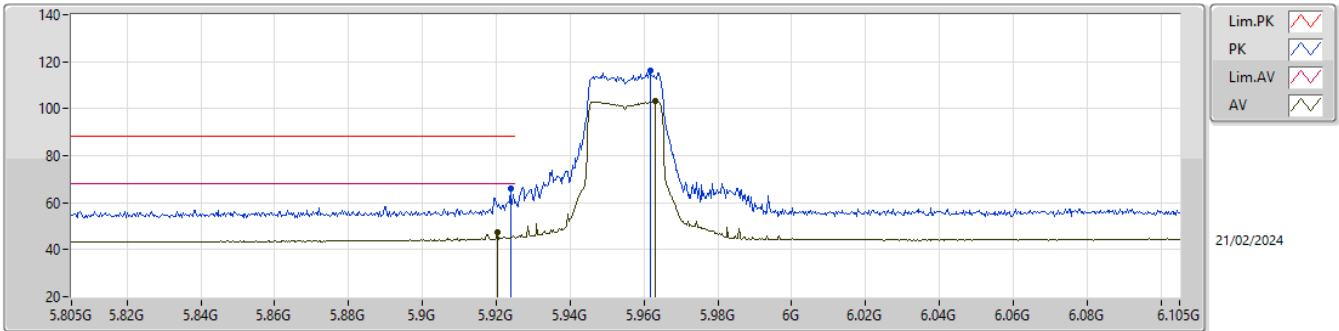
RSE TX above 1GHz_Beamforming_Radio 3

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	13.3334G	54.76	74.00	-19.24	3	Horizontal	52	2.77

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

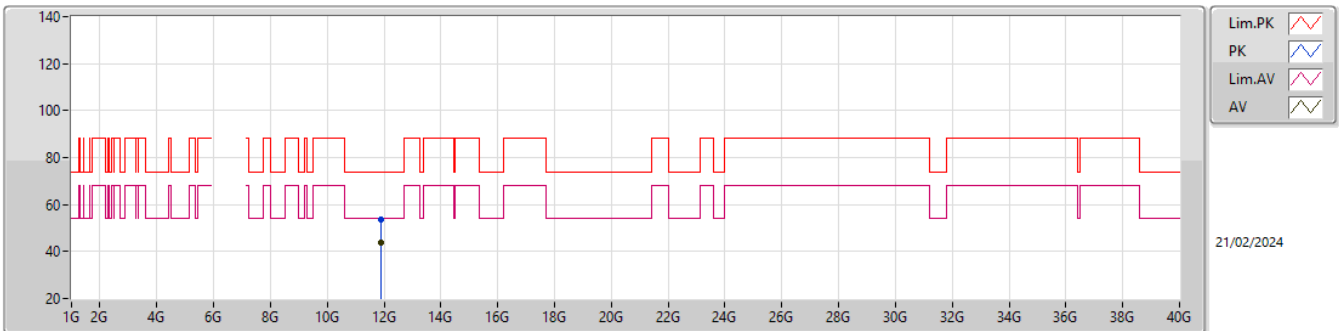
5955MHz_TX



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	5.9202G	47.16	68.20	-21.04	3.35	3	Vertical	345	1.50	43.81	34.50	5.88	37.03
AV	5.9631G	103.21	Inf	-Inf	3.40	3	Vertical	345	1.50	99.81	34.50	5.90	37.00
PK	5.9238G	65.87	88.20	-22.33	3.35	3	Vertical	345	1.50	62.52	34.50	5.88	37.03
PK	5.9616G	116.01	Inf	-Inf	3.40	3	Vertical	345	1.50	112.61	34.50	5.90	37.00

5.925-6.425GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

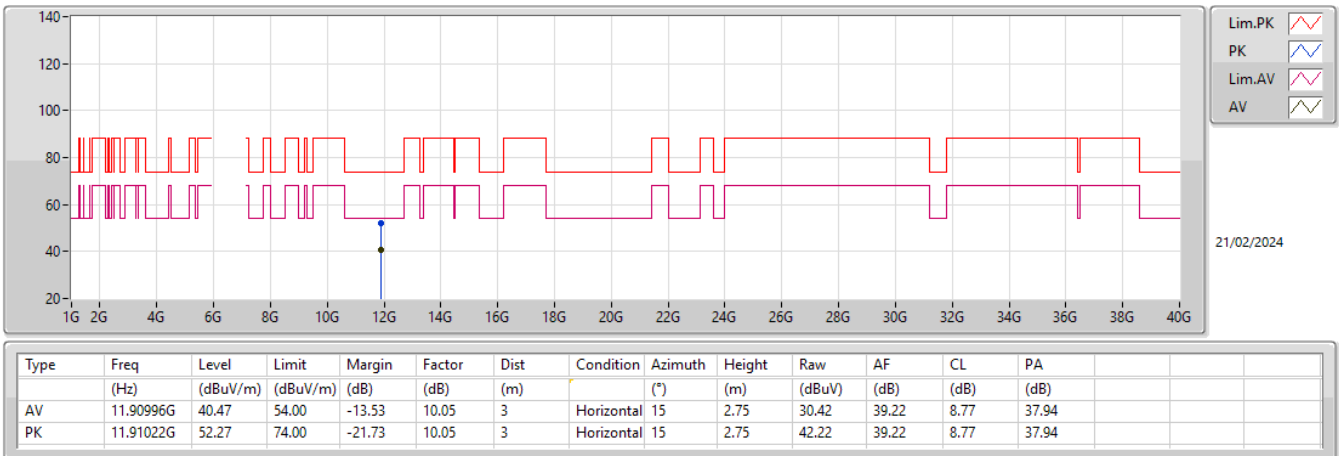
5955MHz_TX



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	11.90992G	43.54	54.00	-10.46	10.05	3	Vertical	24	1.15	33.49	39.22	8.77	37.94
PK	11.90987G	53.47	74.00	-20.53	10.05	3	Vertical	24	1.15	43.42	39.22	8.77	37.94

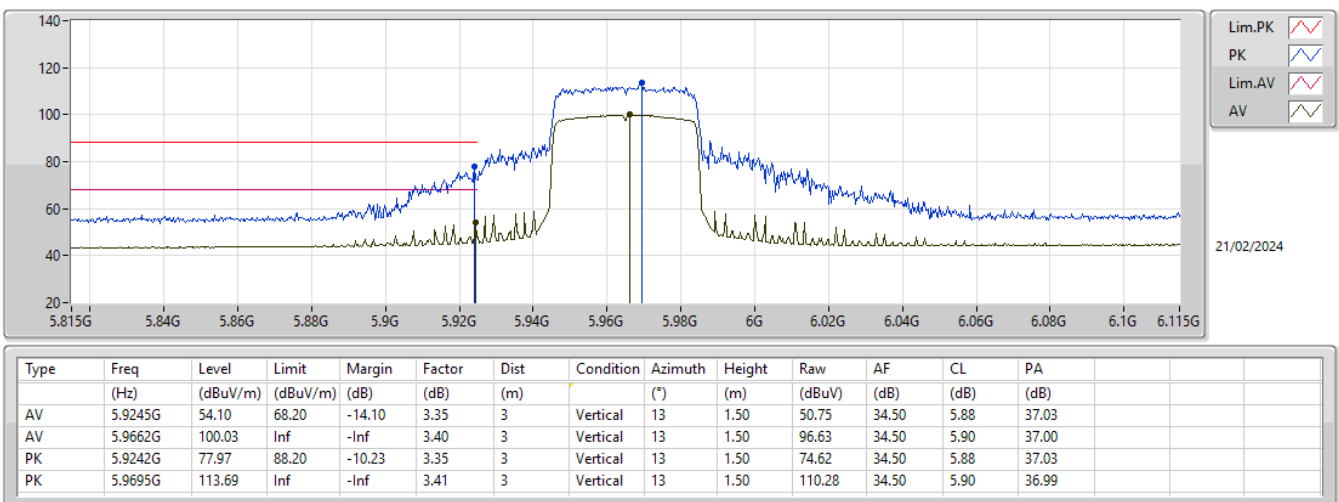
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5955MHz_TX



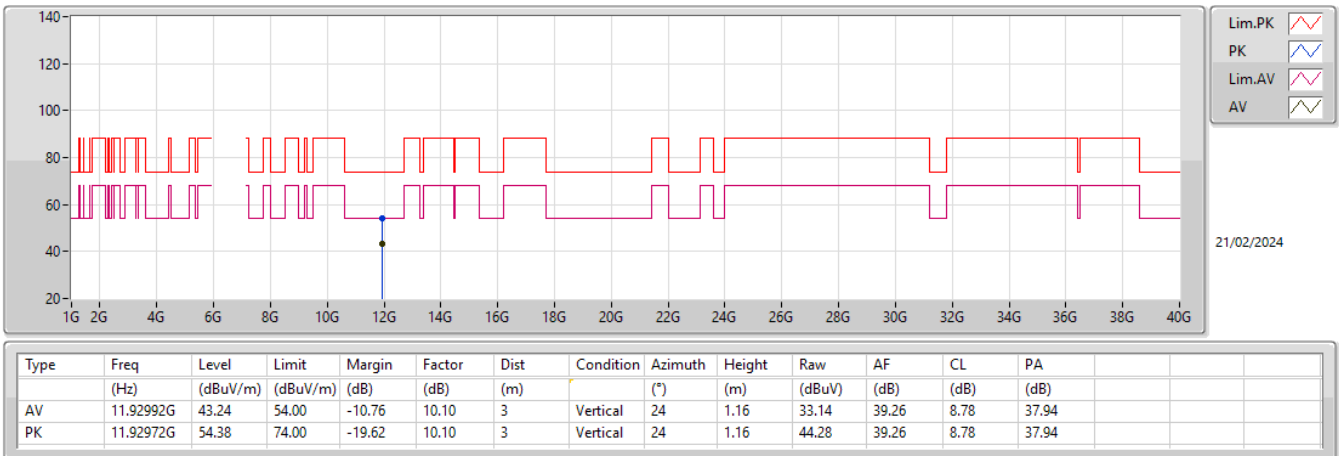
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5965MHz_TX



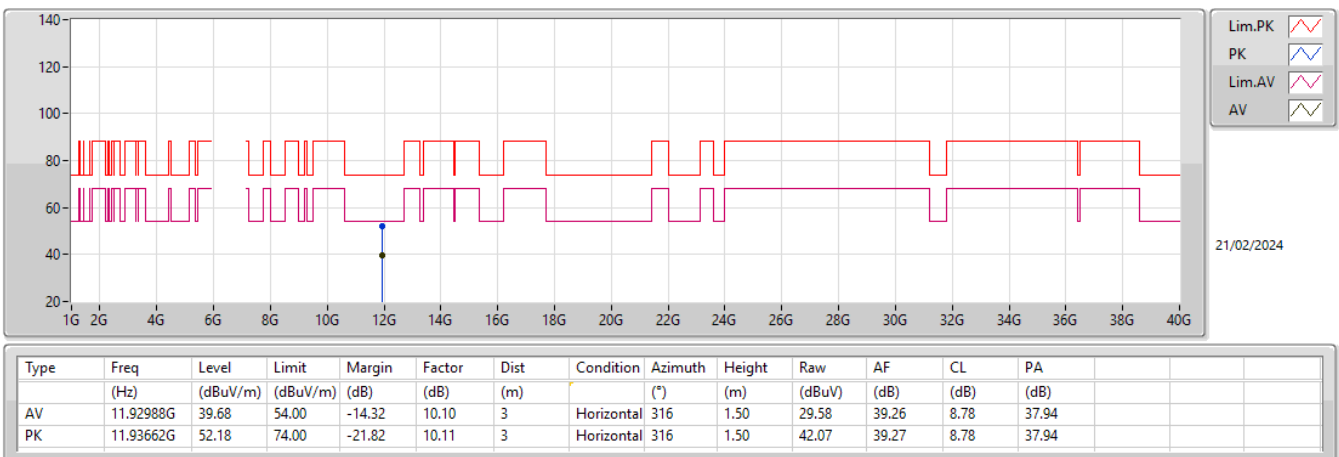
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5965MHz_TX



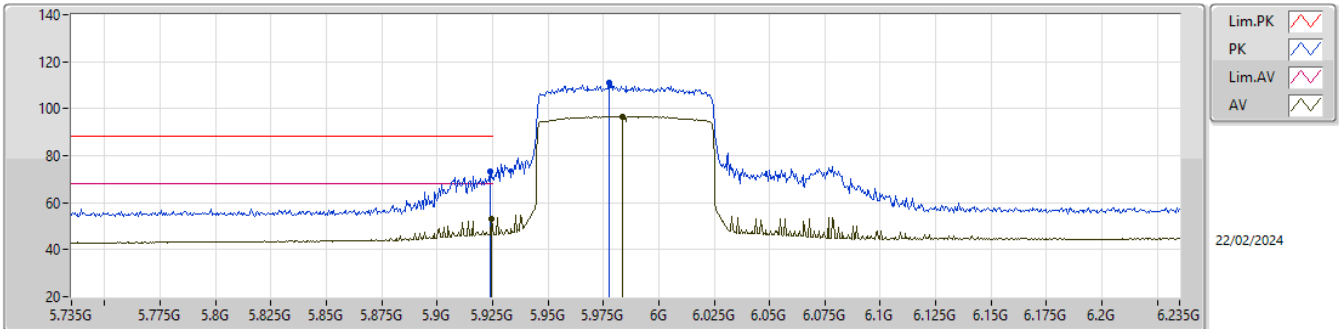
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5965MHz_TX



5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

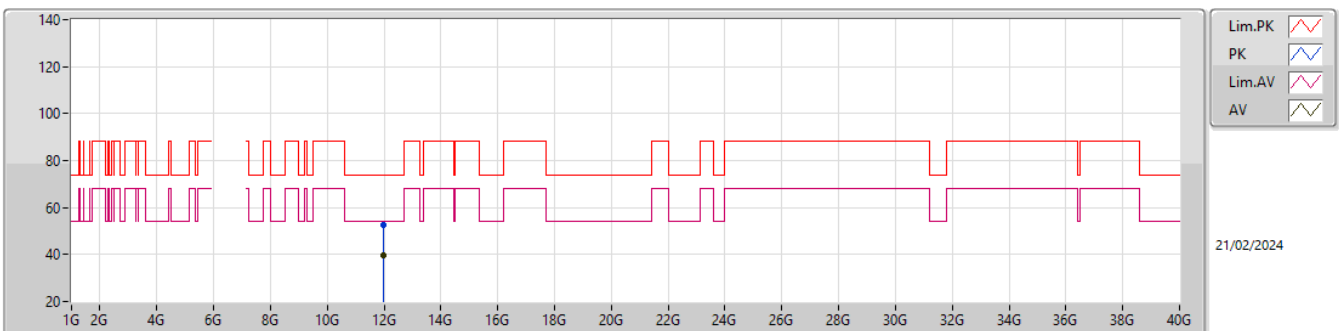
5985MHz_TX



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	52.85	68.20	-15.35	3.35	3	Vertical	345	1.50	49.50	34.50	5.88	37.03
AV	5.9835G	96.79	Inf	-Inf	3.43	3	Vertical	345	1.50	93.36	34.50	5.91	36.98
PK	5.924G	73.08	88.20	-15.12	3.35	3	Vertical	345	1.50	69.73	34.50	5.88	37.03
PK	5.9775G	111.07	Inf	-Inf	3.42	3	Vertical	345	1.50	107.65	34.50	5.91	36.99

5.925-6.425GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

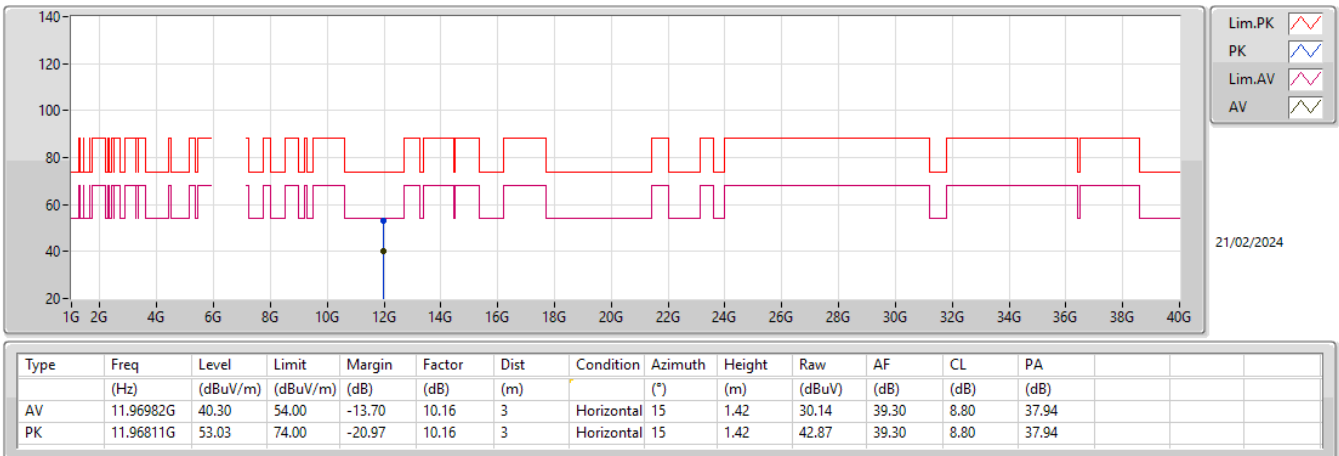
5985MHz_TX



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	11.96982G	39.43	54.00	-14.57	10.16	3	Vertical	349	1.64	29.27	39.30	8.80	37.94
PK	11.97301G	52.57	74.00	-21.43	10.16	3	Vertical	349	1.64	42.41	39.30	8.80	37.94

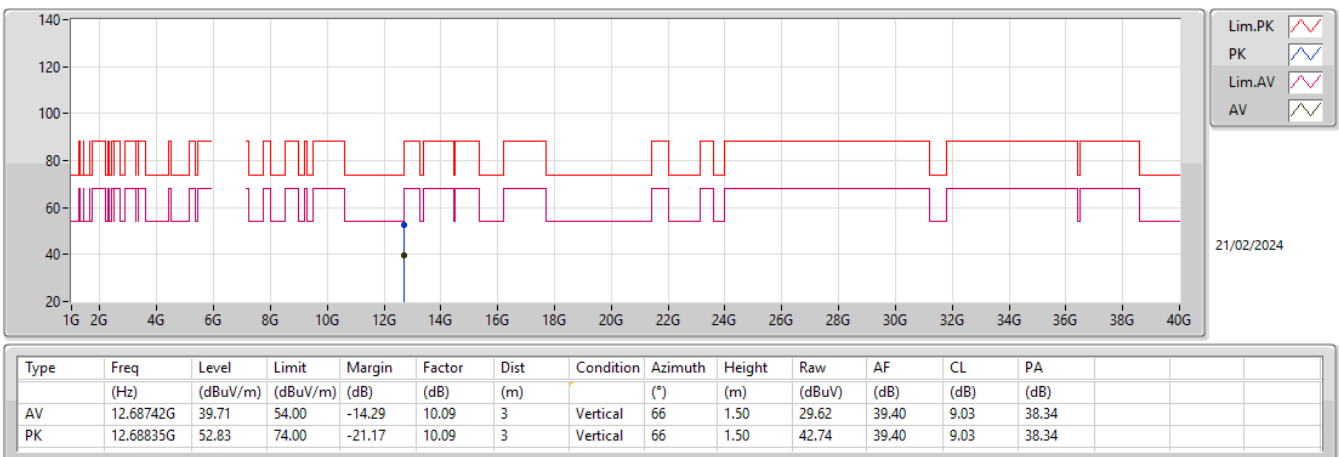
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5985MHz_TX



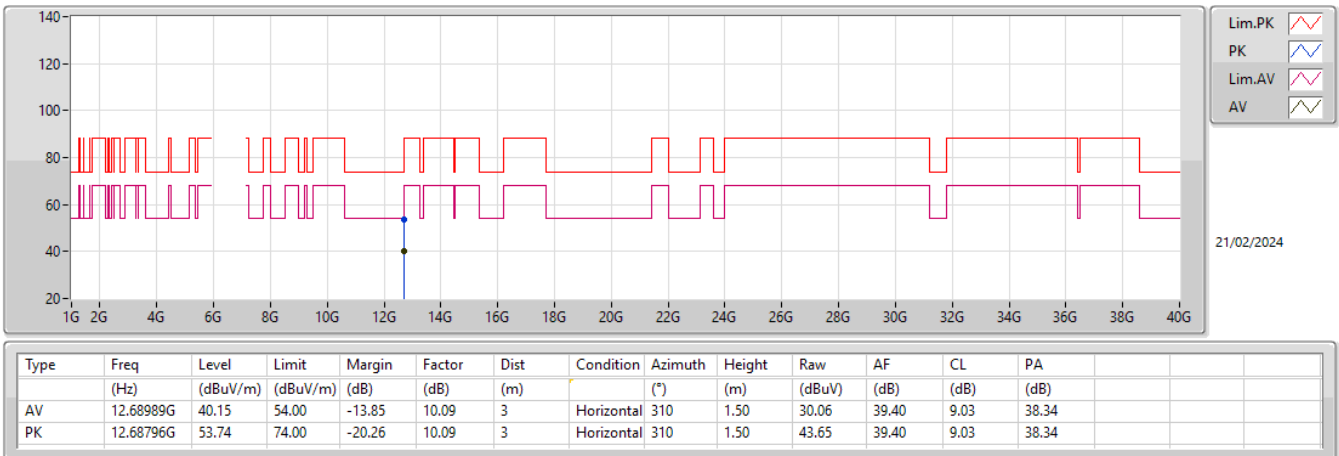
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6345MHz_TX



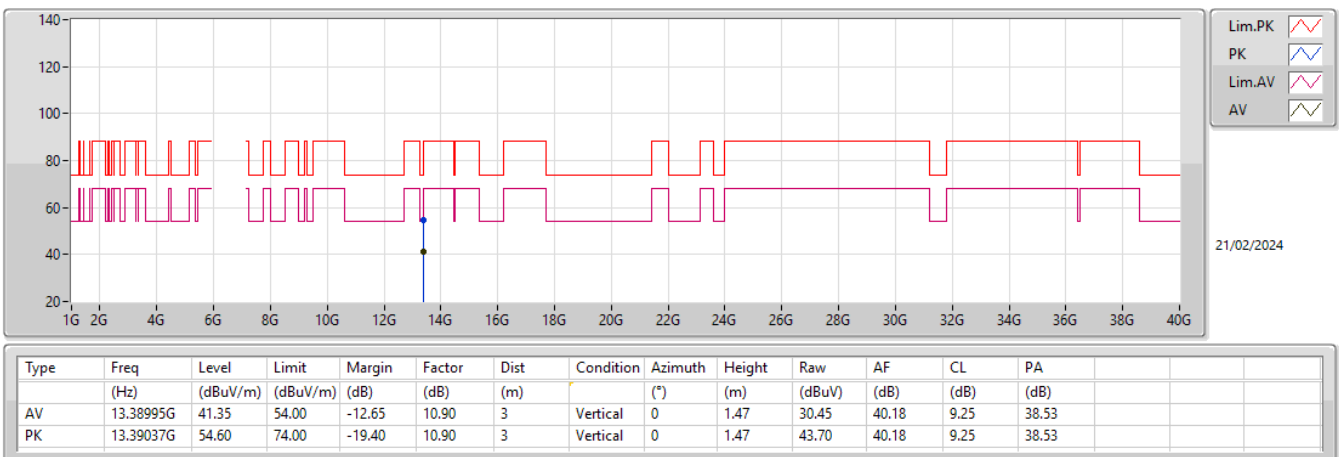
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6345MHz_TX



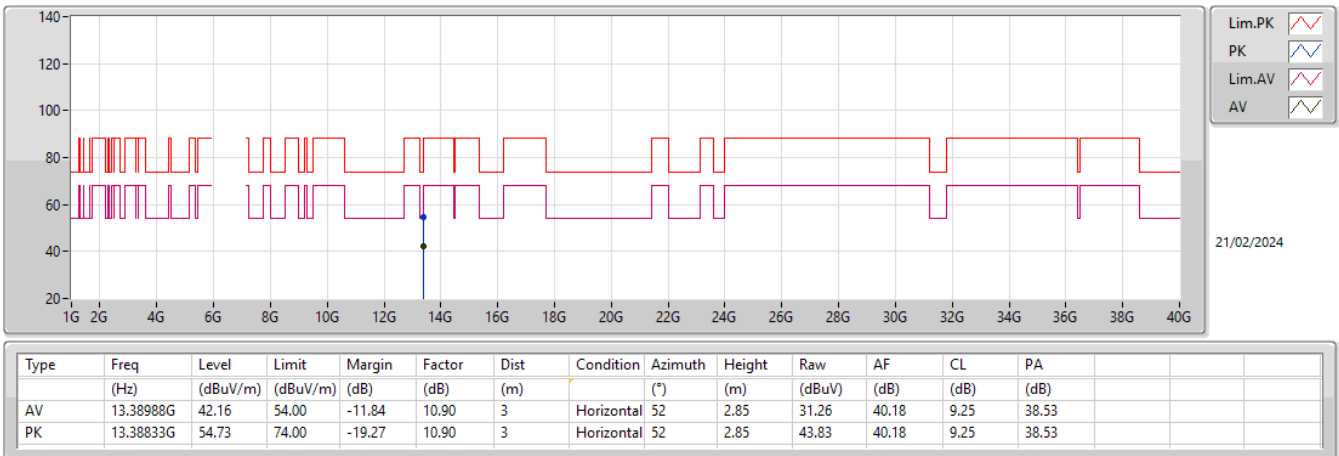
6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6695MHz_TX



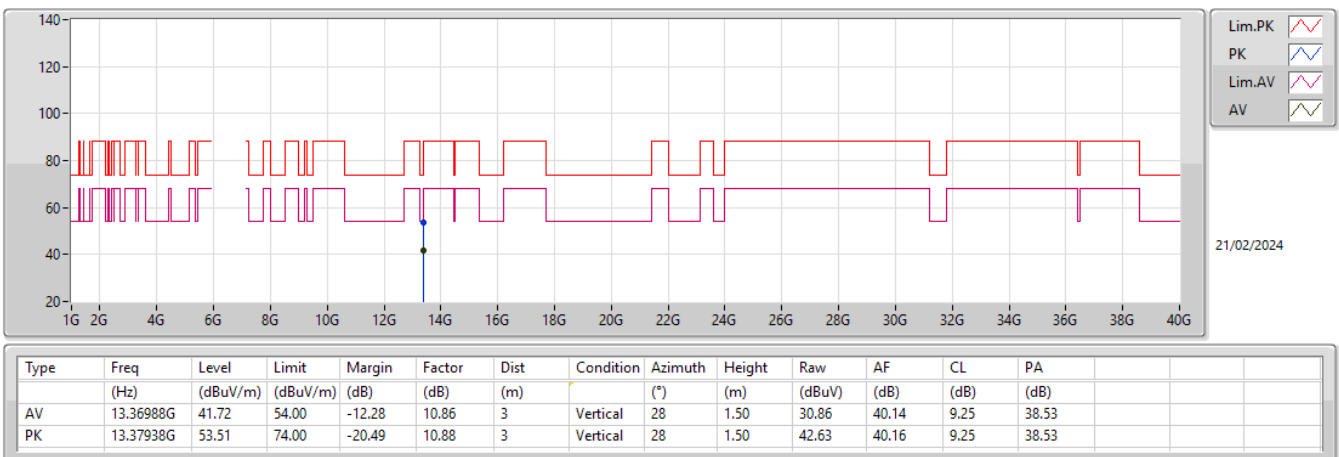
6.525-6.875GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6695MHz_TX



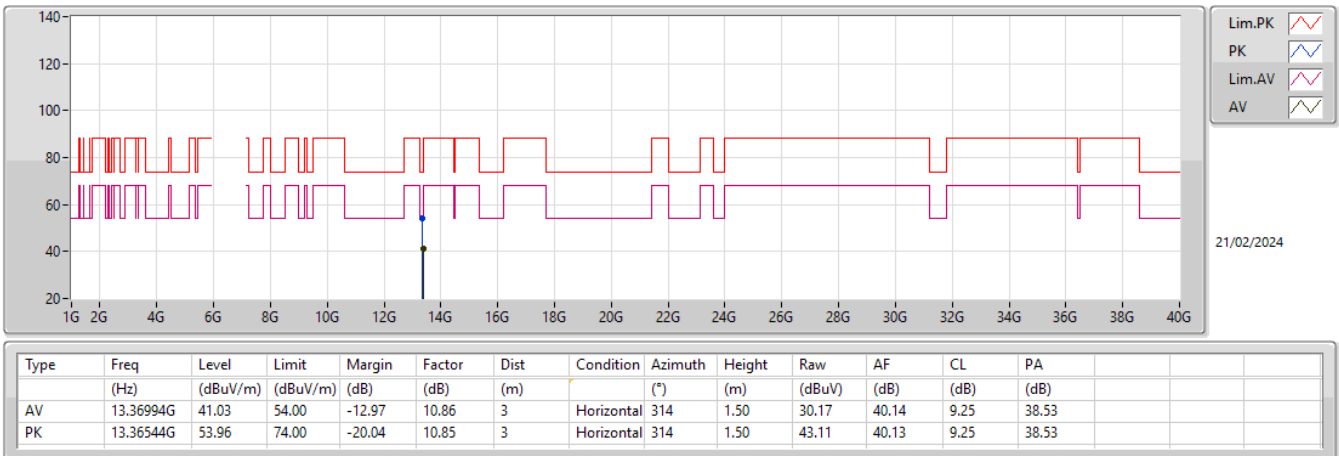
6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6685MHz_TX



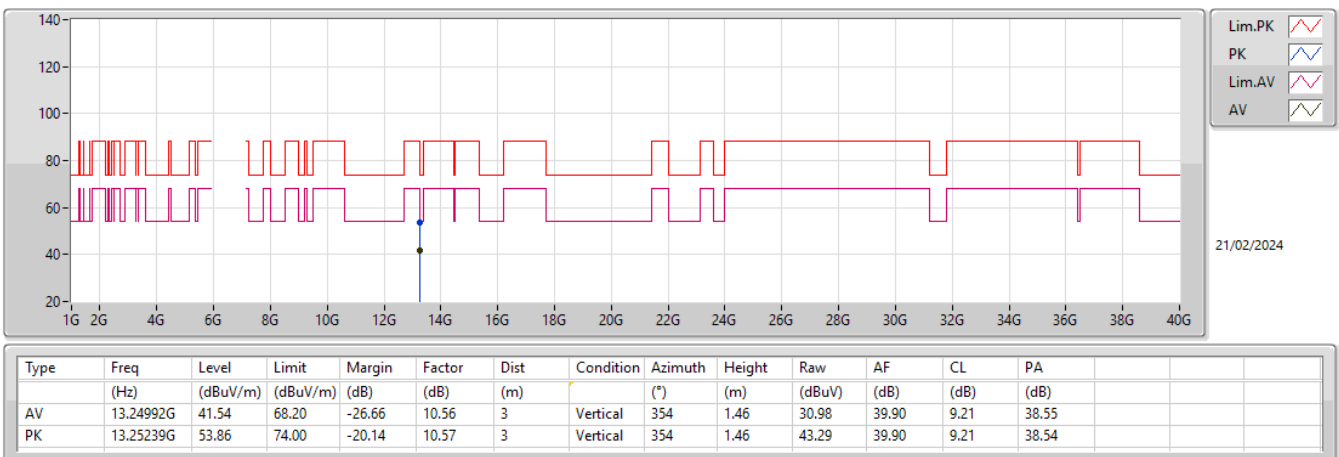
6.525-6.875GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6685MHz_TX



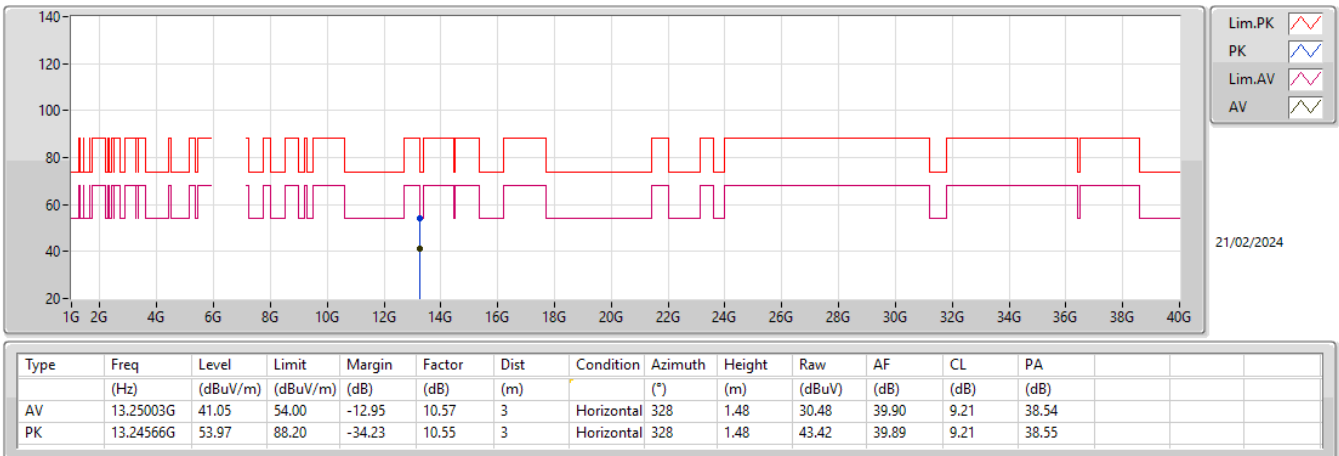
6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6625MHz_TX



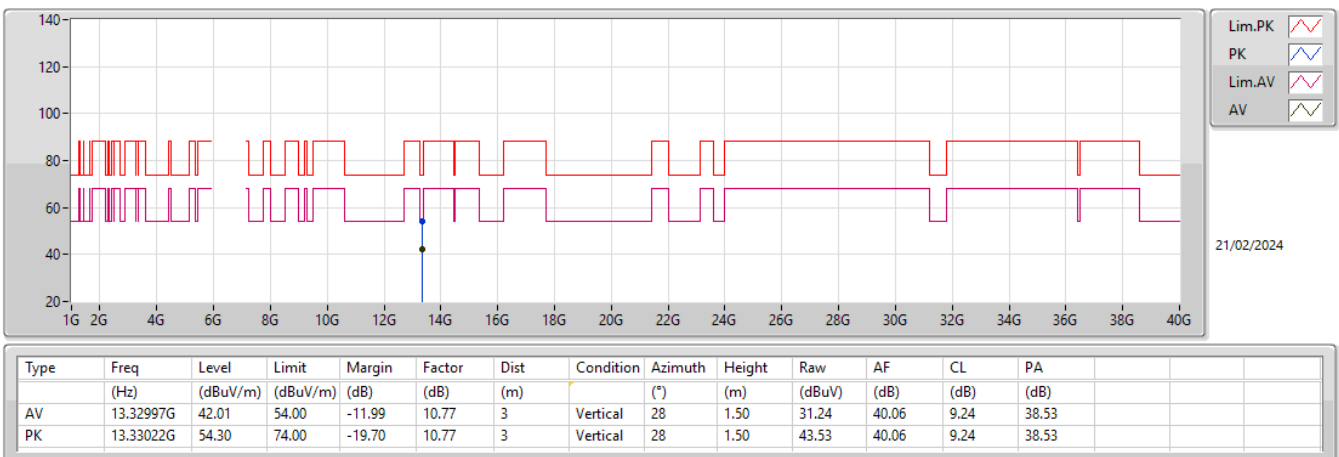
6.525-6.875GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

6625MHz_TX



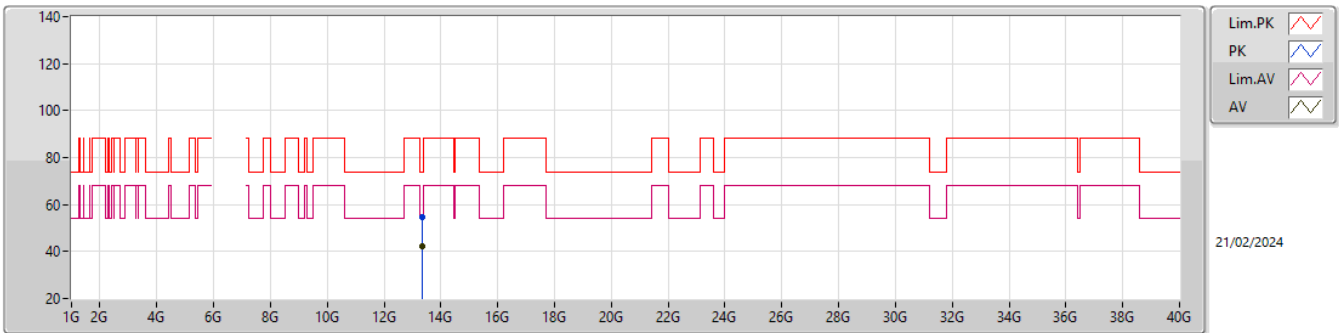
6.525-6.875GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

6665MHz_TX



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

6665MHz_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	13.32985G	42.10	54.00	-11.90	10.77	3	Horizontal	52	2.77	31.33	40.06	9.24	38.53				
PK	13.3334G	54.76	74.00	-19.24	10.78	3	Horizontal	52	2.77	43.98	40.07	9.24	38.53				

Summary

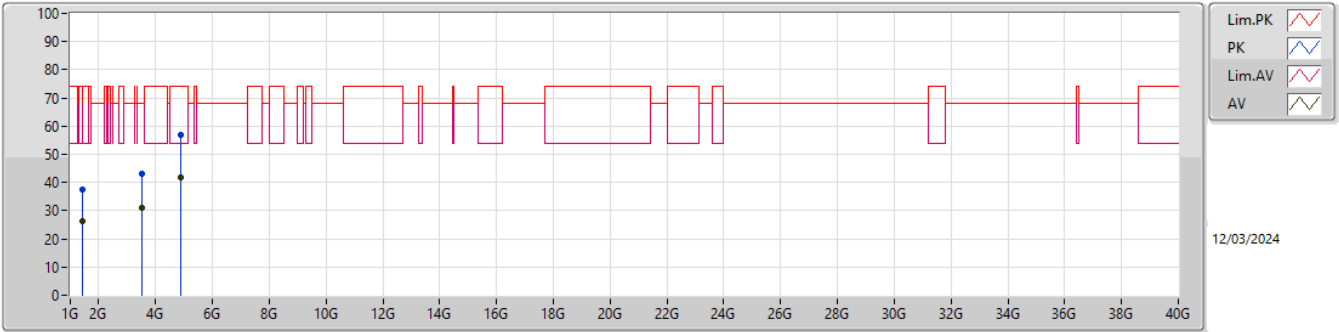
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87394G	41.82	54.00	-12.18	Vertical
Mode 2	Pass	AV	4.874G	42.01	54.00	-11.99	Vertical
Mode 3	Pass	AV	7.31014G	42.93	54.00	-11.07	Vertical
Mode 4	Pass	AV	4.87397G	43.09	54.00	-10.91	Vertical
Mode 5	Pass	AV	4.87396G	42.42	54.00	-11.58	Vertical
Mode 6	Pass	AV	4.8737G	50.06	54.00	-3.94	Vertical

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.41266G	26.31	54.00	-27.69	3	Vertical	95	2.64
Mode 1	Pass	AV	3.53248G	30.86	68.20	-37.34	3	Vertical	358	2.00
Mode 1	Pass	AV	4.87394G	41.82	54.00	-12.18	3	Vertical	0	2.17
Mode 1	Pass	PK	1.41422G	37.45	74.00	-36.55	3	Vertical	95	2.64
Mode 1	Pass	PK	3.53281G	42.94	68.20	-25.26	3	Vertical	358	2.00
Mode 1	Pass	PK	4.874G	56.99	74.00	-17.01	3	Vertical	0	2.17
Mode 1	Pass	AV	1.32744G	25.99	54.00	-28.01	3	Horizontal	15	1.10
Mode 1	Pass	AV	3.09788G	30.81	68.20	-37.39	3	Horizontal	14	2.35
Mode 1	Pass	AV	4.61682G	33.16	54.00	-20.84	3	Horizontal	180	2.81
Mode 1	Pass	PK	1.3327G	38.45	74.00	-35.55	3	Horizontal	15	1.10
Mode 1	Pass	PK	3.0972G	42.77	68.20	-25.43	3	Horizontal	14	2.35
Mode 1	Pass	PK	4.6167G	45.09	74.00	-28.91	3	Horizontal	180	2.81
Mode 2	Pass	AV	1.24004G	26.17	68.20	-42.03	3	Vertical	201	2.19
Mode 2	Pass	AV	2.75358G	30.47	54.00	-23.53	3	Vertical	54	1.46
Mode 2	Pass	AV	4.874G	42.01	54.00	-11.99	3	Vertical	359	2.17
Mode 2	Pass	PK	1.24211G	37.86	68.20	-30.34	3	Vertical	201	2.19
Mode 2	Pass	PK	2.76174G	42.14	74.00	-31.86	3	Vertical	54	1.46
Mode 2	Pass	PK	4.874G	57.43	74.00	-16.57	3	Vertical	359	2.17
Mode 2	Pass	AV	1.32693G	25.99	54.00	-28.01	3	Horizontal	223	2.88
Mode 2	Pass	AV	3.21567G	30.74	68.20	-37.46	3	Horizontal	320	1.21
Mode 2	Pass	AV	4.99585G	35.36	54.00	-18.64	3	Horizontal	71	2.10
Mode 2	Pass	PK	1.3324G	38.60	74.00	-35.40	3	Horizontal	223	2.88
Mode 2	Pass	PK	3.22681G	42.15	68.20	-26.05	3	Horizontal	320	1.21
Mode 2	Pass	PK	5.00032G	46.78	74.00	-27.22	3	Horizontal	71	2.10
Mode 3	Pass	AV	1.59743G	26.59	54.00	-27.41	3	Vertical	36	2.86
Mode 3	Pass	AV	4.87388G	41.63	54.00	-12.37	3	Vertical	159	2.05
Mode 3	Pass	AV	7.31014G	42.93	54.00	-11.07	3	Vertical	312	1.60
Mode 3	Pass	PK	1.59767G	48.54	74.00	-25.46	3	Vertical	36	2.86
Mode 3	Pass	PK	4.874G	54.82	74.00	-19.18	3	Vertical	159	2.05
Mode 3	Pass	PK	7.30972G	58.51	74.00	-15.49	3	Vertical	312	1.60
Mode 3	Pass	AV	1.59469G	26.14	54.00	-27.86	3	Horizontal	168	2.59
Mode 3	Pass	AV	4.9392G	34.94	54.00	-19.06	3	Horizontal	54	1.07
Mode 3	Pass	AV	7.30913G	41.62	54.00	-12.38	3	Horizontal	14	1.48
Mode 3	Pass	PK	1.59673G	46.14	74.00	-27.86	3	Horizontal	168	2.59
Mode 3	Pass	PK	4.94097G	46.78	74.00	-27.22	3	Horizontal	54	1.07
Mode 3	Pass	PK	7.31134G	57.38	74.00	-16.62	3	Horizontal	14	1.48
Mode 4	Pass	AV	1.1981G	25.50	54.00	-28.50	3	Vertical	72	2.18
Mode 4	Pass	AV	3.59547G	30.43	68.20	-37.77	3	Vertical	305	1.50
Mode 4	Pass	AV	4.87397G	43.09	54.00	-10.91	3	Vertical	0	2.06
Mode 4	Pass	PK	1.19827G	39.22	74.00	-34.78	3	Vertical	72	2.18
Mode 4	Pass	PK	3.59459G	43.19	68.20	-25.01	3	Vertical	305	1.50
Mode 4	Pass	PK	4.87405G	58.46	74.00	-15.54	3	Vertical	0	2.06
Mode 4	Pass	AV	1.03488G	26.98	54.00	-27.02	3	Horizontal	48	1.50
Mode 4	Pass	AV	2.11151G	26.94	68.20	-41.26	3	Horizontal	222	1.50
Mode 4	Pass	AV	4.87407G	34.78	54.00	-19.22	3	Horizontal	308	1.36
Mode 4	Pass	PK	1.04446G	40.54	74.00	-33.46	3	Horizontal	48	1.50
Mode 4	Pass	PK	2.11147G	39.70	68.20	-28.50	3	Horizontal	222	1.50
Mode 4	Pass	PK	4.87423G	47.55	74.00	-26.45	3	Horizontal	308	1.36
Mode 5	Pass	AV	1.59846G	30.17	54.00	-23.83	3	Vertical	150	1.50
Mode 5	Pass	AV	4.87396G	42.42	54.00	-11.58	3	Vertical	0	2.20

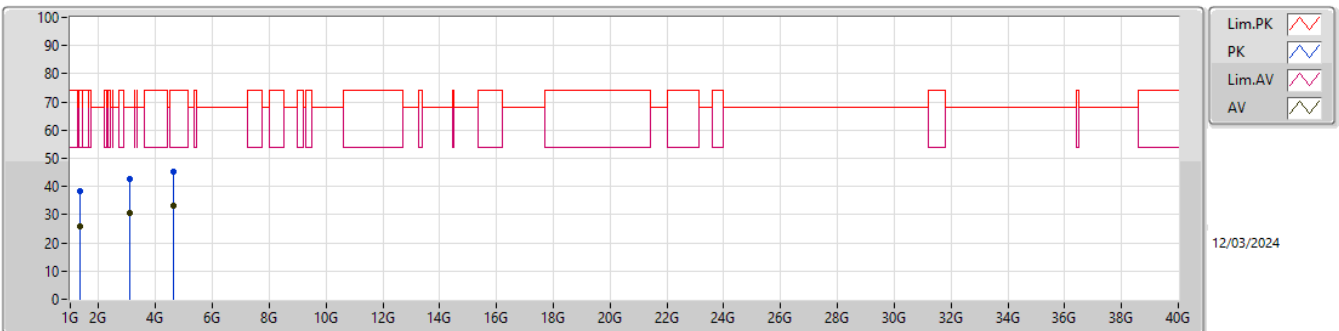
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 5	Pass	AV	7.70686G	38.82	54.00	-15.18	3	Vertical	142	2.70
Mode 5	Pass	PK	1.59672G	47.89	74.00	-26.11	3	Vertical	150	1.50
Mode 5	Pass	PK	4.87396G	57.39	74.00	-16.61	3	Vertical	0	2.20
Mode 5	Pass	PK	7.70962G	50.25	74.00	-23.75	3	Vertical	142	2.70
Mode 5	Pass	AV	1.59334G	29.06	54.00	-24.94	3	Horizontal	277	2.70
Mode 5	Pass	AV	4.34852G	33.06	54.00	-20.94	3	Horizontal	129	1.14
Mode 5	Pass	AV	7.71862G	38.76	54.00	-15.24	3	Horizontal	299	1.28
Mode 5	Pass	PK	1.59366G	47.55	74.00	-26.45	3	Horizontal	277	2.70
Mode 5	Pass	PK	4.3604G	45.11	74.00	-28.89	3	Horizontal	129	1.14
Mode 5	Pass	PK	7.72234G	50.18	74.00	-23.82	3	Horizontal	299	1.28
Mode 6	Pass	AV	1.595G	25.99	54.00	-28.01	3	Vertical	178	2.63
Mode 6	Pass	AV	3.7501G	31.65	54.00	-22.35	3	Vertical	355	1.48
Mode 6	Pass	AV	4.8737G	50.06	54.00	-3.94	3	Vertical	168	2.06
Mode 6	Pass	PK	1.59338G	47.61	74.00	-26.39	3	Vertical	178	2.63
Mode 6	Pass	PK	3.75016G	43.82	74.00	-30.18	3	Vertical	355	1.48
Mode 6	Pass	PK	4.87382G	55.54	74.00	-18.46	3	Vertical	168	2.06
Mode 6	Pass	AV	1.59706G	25.89	54.00	-28.11	3	Horizontal	24	1.95
Mode 6	Pass	AV	3.0001G	29.99	68.20	-38.21	3	Horizontal	24	2.83
Mode 6	Pass	AV	4.87454G	34.90	54.00	-19.10	3	Horizontal	316	1.19
Mode 6	Pass	PK	1.5982G	45.42	74.00	-28.58	3	Horizontal	24	1.95
Mode 6	Pass	PK	2.98726G	41.40	88.20	-46.80	3	Horizontal	24	2.83
Mode 6	Pass	PK	4.87418G	47.13	74.00	-26.87	3	Horizontal	316	1.19

Radiated Emissions above 1GHz_Mode 1



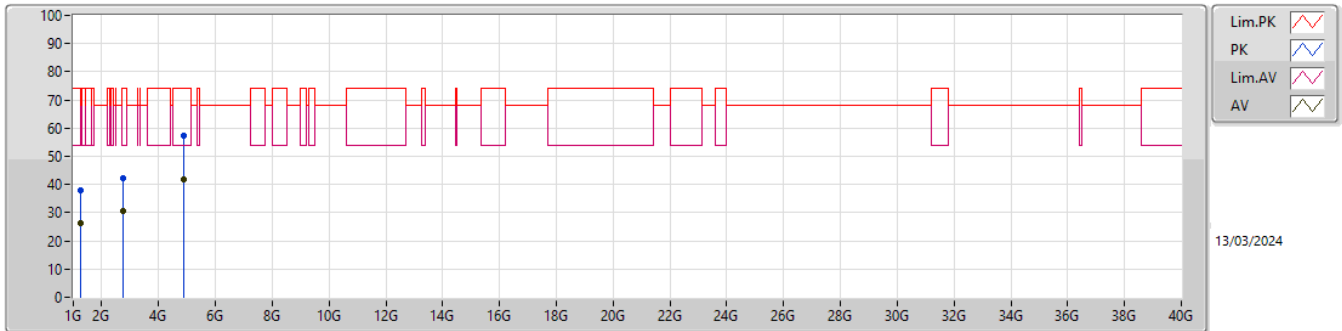
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.41266G	26.31	54.00	-27.69	-5.88	3	Vertical	95	2.64	32.19	25.80	3.43	35.11
AV	3.53248G	30.86	68.20	-37.34	-0.01	3	Vertical	358	2.00	30.87	29.30	5.67	34.98
AV	4.87394G	41.82	54.00	-12.18	4.28	3	Vertical	0	2.17	37.54	32.50	6.59	34.81
PK	1.41422G	37.45	74.00	-36.55	-5.88	3	Vertical	95	2.64	43.33	25.80	3.43	35.11
PK	3.53281G	42.94	68.20	-25.26	-0.01	3	Vertical	358	2.00	42.95	29.30	5.67	34.98
PK	4.874G	56.99	74.00	-17.01	4.28	3	Vertical	0	2.17	52.71	32.50	6.59	34.81

Radiated Emissions above 1GHz_Mode 1



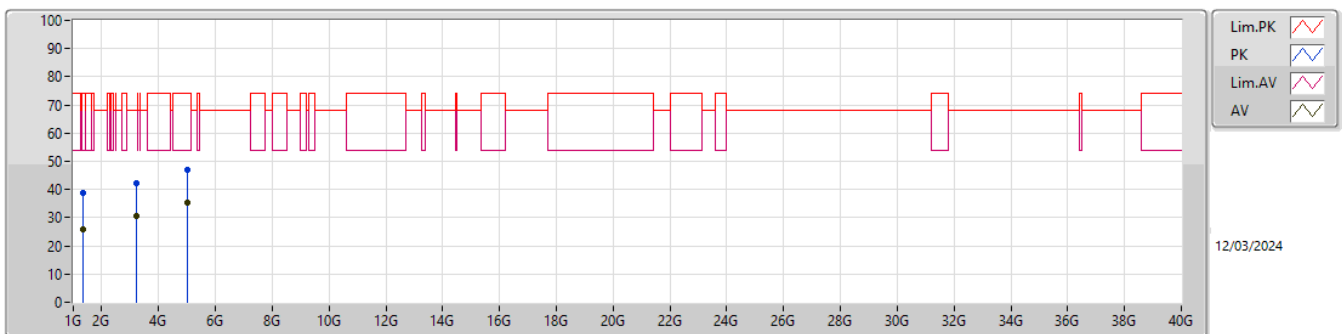
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.32744G	25.99	54.00	-28.01	-6.11	3	Horizontal	15	1.10	32.10	25.83	3.32	35.26
AV	3.09788G	30.81	68.20	-37.39	-0.28	3	Horizontal	14	2.35	31.09	29.50	5.25	35.03
AV	4.61682G	33.16	54.00	-20.84	3.04	3	Horizontal	180	2.81	30.12	31.53	6.39	34.88
PK	1.3327G	38.45	74.00	-35.55	-6.16	3	Horizontal	15	1.10	44.61	25.77	3.32	35.25
PK	3.0972G	42.77	68.20	-25.43	-0.29	3	Horizontal	14	2.35	43.06	29.49	5.25	35.03
PK	4.6167G	45.09	74.00	-28.91	3.07	3	Horizontal	180	2.81	42.02	31.55	6.40	34.88

Radiated Emissions above 1GHz_Mode 2



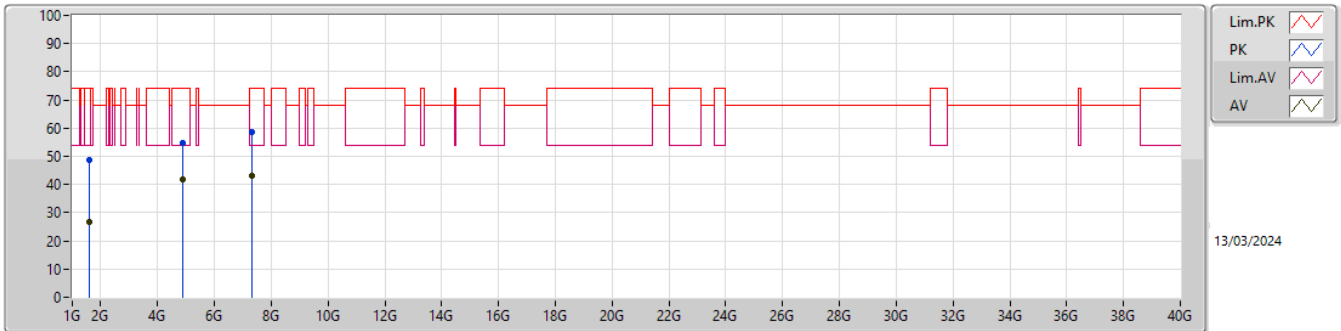
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	1.24004G	26.17	68.20	-42.03	-6.60	3	Vertical	201	2.19	32.77	25.60	3.20	35.40				
AV	2.75358G	30.47	54.00	-23.53	-1.84	3	Vertical	54	1.46	32.31	28.24	4.93	35.01				
AV	4.874G	42.01	54.00	-11.99	4.28	3	Vertical	359	2.17	37.73	32.50	6.59	34.81				
PK	1.24211G	37.86	68.20	-30.34	-6.60	3	Vertical	201	2.19	44.46	25.60	3.20	35.40				
PK	2.76174G	42.14	74.00	-31.86	-1.77	3	Vertical	54	1.46	43.91	28.30	4.94	35.01				
PK	4.874G	57.43	74.00	-16.57	4.28	3	Vertical	359	2.17	53.15	32.50	6.59	34.81				

Radiated Emissions above 1GHz_Mode 2



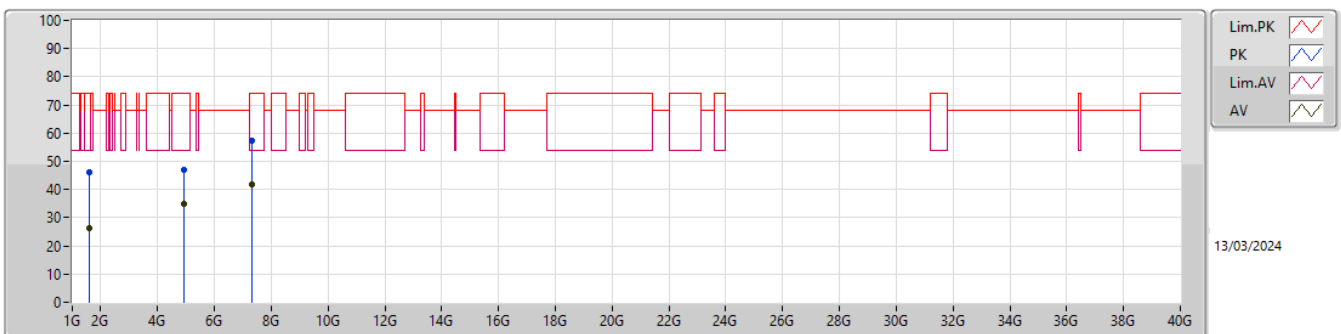
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	1.32693G	25.99	54.00	-28.01	-6.11	3	Horizontal	223	2.88	32.10	25.83	3.32	35.26				
AV	3.21567G	30.74	68.20	-37.46	-0.03	3	Horizontal	320	1.21	30.77	29.64	5.35	35.02				
AV	4.99585G	35.36	54.00	-18.64	5.03	3	Horizontal	71	2.10	30.33	33.08	6.72	34.77				
PK	1.3324G	38.60	74.00	-35.40	-6.15	3	Horizontal	223	2.88	44.75	25.78	3.32	35.25				
PK	3.22681G	42.15	68.20	-26.05	-0.07	3	Horizontal	320	1.21	42.22	29.59	5.36	35.02				
PK	5.00032G	46.78	74.00	-27.22	5.05	3	Horizontal	71	2.10	41.73	33.10	6.72	34.77				

Radiated Emissions above 1GHz_Mode 3



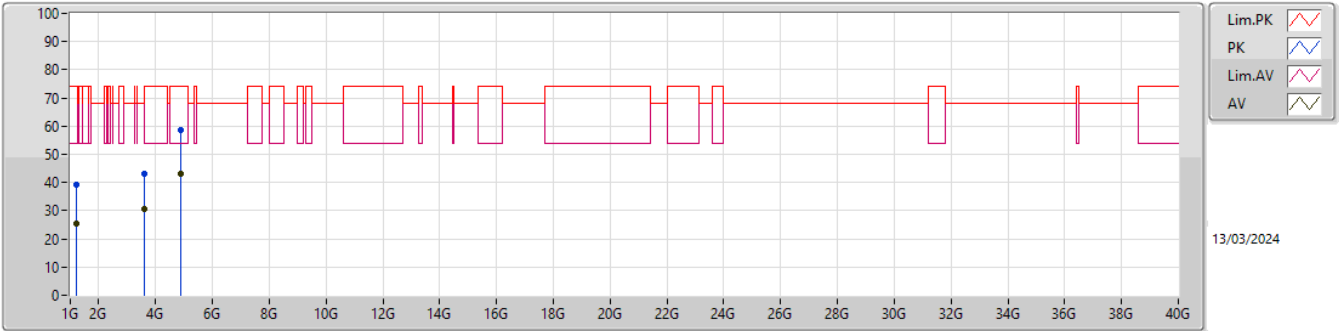
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.59743G	26.59	54.00	-27.41	-5.94	3	Vertical	36	2.86	32.53	25.33	3.67	34.94
AV	4.87388G	41.63	54.00	-12.37	4.28	3	Vertical	159	2.05	37.35	32.50	6.59	34.81
AV	7.31014G	42.93	54.00	-11.07	10.03	3	Vertical	312	1.60	32.90	36.66	8.29	34.92
PK	1.59767G	48.54	74.00	-25.46	-5.95	3	Vertical	36	2.86	54.49	25.32	3.67	34.94
PK	4.874G	54.82	74.00	-19.18	4.28	3	Vertical	159	2.05	50.54	32.50	6.59	34.81
PK	7.30972G	58.51	74.00	-15.49	10.03	3	Vertical	312	1.60	48.48	36.66	8.29	34.92

Radiated Emissions above 1GHz_Mode 3



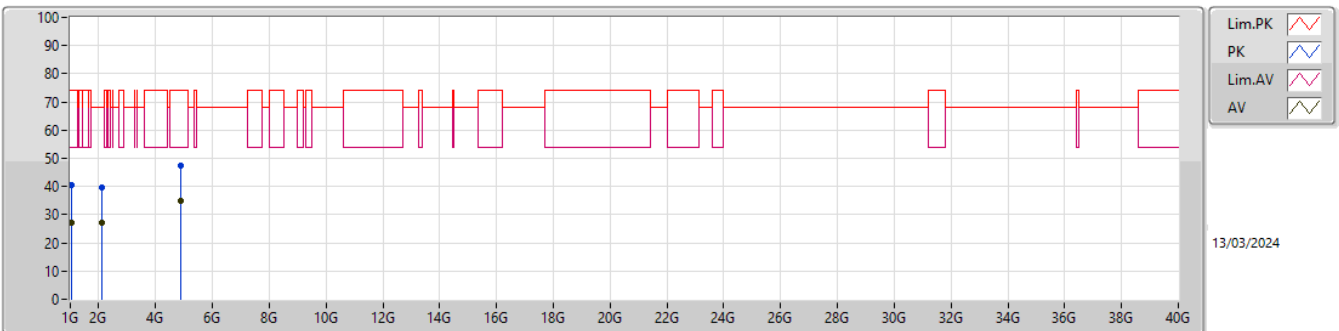
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.59469G	26.14	54.00	-27.86	-5.93	3	Horizontal	168	2.59	32.07	25.35	3.66	34.94
AV	4.9392G	34.94	54.00	-19.06	4.71	3	Horizontal	54	1.07	30.23	32.84	6.66	34.79
AV	7.30913G	41.62	54.00	-12.38	10.03	3	Horizontal	14	1.48	31.59	36.66	8.29	34.92
PK	1.59673G	46.14	74.00	-27.86	-5.94	3	Horizontal	168	2.59	52.08	25.33	3.67	34.94
PK	4.94097G	46.78	74.00	-27.22	4.72	3	Horizontal	54	1.07	42.06	32.85	6.66	34.79
PK	7.31134G	57.38	74.00	-16.62	10.02	3	Horizontal	14	1.48	47.36	36.65	8.29	34.92

Radiated Emissions above 1GHz_Mode 4



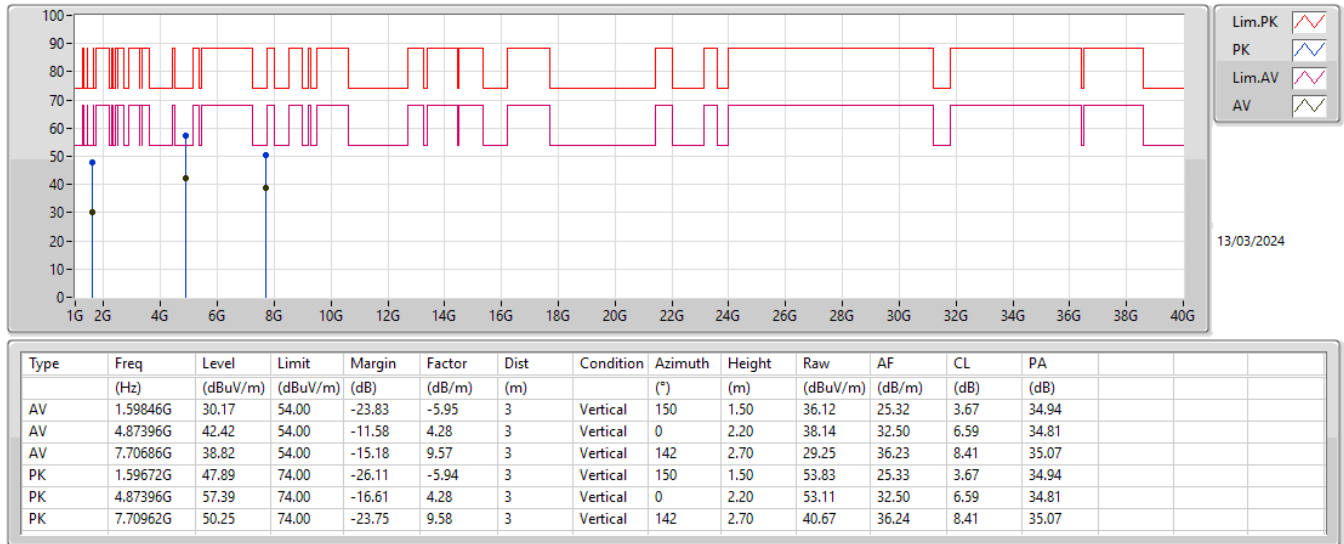
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	1.1981G	25.50	54.00	-28.50	-6.48	3	Vertical	72	2.18	31.98	25.84	3.15	35.47				
AV	3.59547G	30.43	68.20	-37.77	0.24	3	Vertical	305	1.50	30.19	29.48	5.72	34.96				
AV	4.87397G	43.09	54.00	-10.91	4.28	3	Vertical	0	2.06	38.81	32.50	6.59	34.81				
PK	1.19827G	39.22	74.00	-34.78	-6.49	3	Vertical	72	2.18	45.71	25.83	3.15	35.47				
PK	3.59459G	43.19	68.20	-25.01	0.24	3	Vertical	305	1.50	42.95	29.48	5.72	34.96				
PK	4.87405G	58.46	74.00	-15.54	4.28	3	Vertical	0	2.06	54.18	32.50	6.59	34.81				

Radiated Emissions above 1GHz_Mode 4

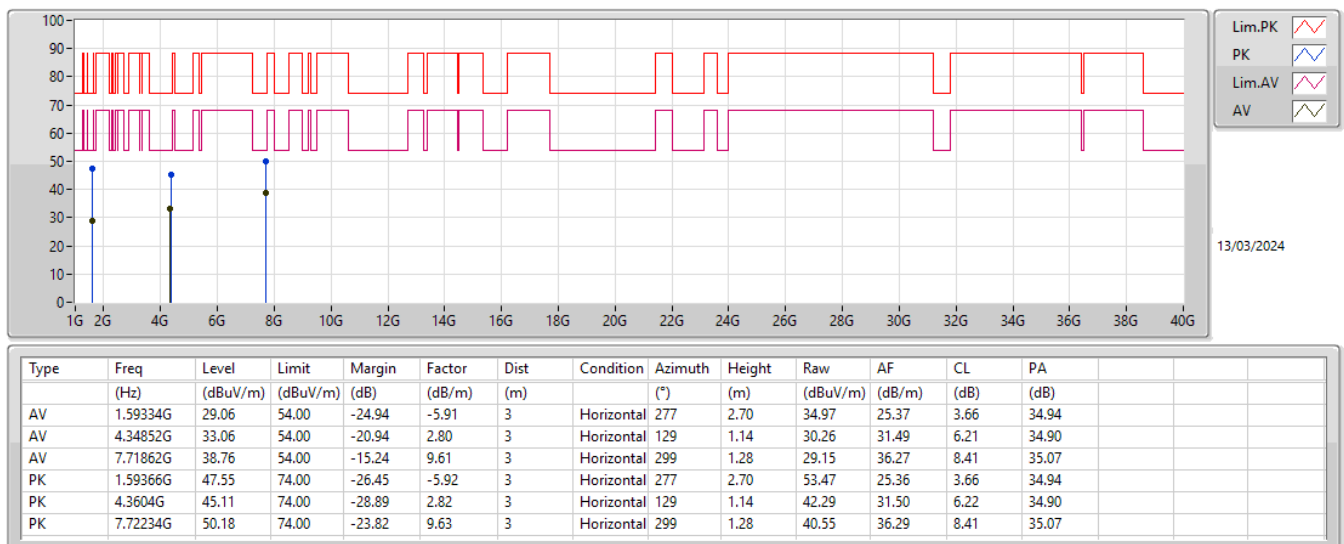


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)				
AV	1.03488G	26.98	54.00	-27.02	-7.97	3	Horizontal	48	1.50	34.95	24.85	2.92	35.74				
AV	2.11151G	26.94	68.20	-41.26	-3.20	3	Horizontal	222	1.50	30.14	27.42	4.24	34.86				
AV	4.87407G	34.78	54.00	-19.22	4.28	3	Horizontal	308	1.36	30.50	32.50	6.59	34.81				
PK	1.04446G	40.54	74.00	-33.46	-8.04	3	Horizontal	48	1.50	48.58	24.76	2.93	35.73				
PK	2.11147G	39.70	68.20	-28.50	-3.21	3	Horizontal	222	1.50	42.91	27.41	4.24	34.86				
PK	4.87423G	47.55	74.00	-26.45	4.28	3	Horizontal	308	1.36	43.27	32.50	6.59	34.81				

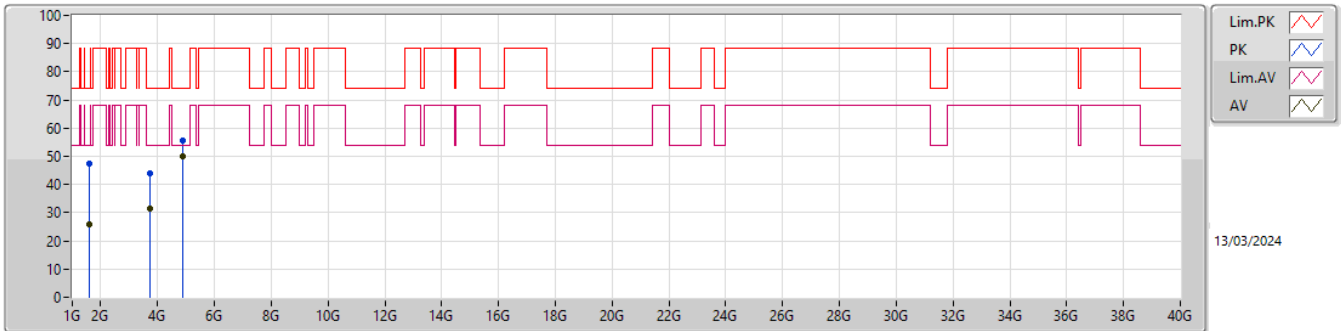
Radiated Emissions above 1GHz_Mode 5



Radiated Emissions above 1GHz_Mode 5

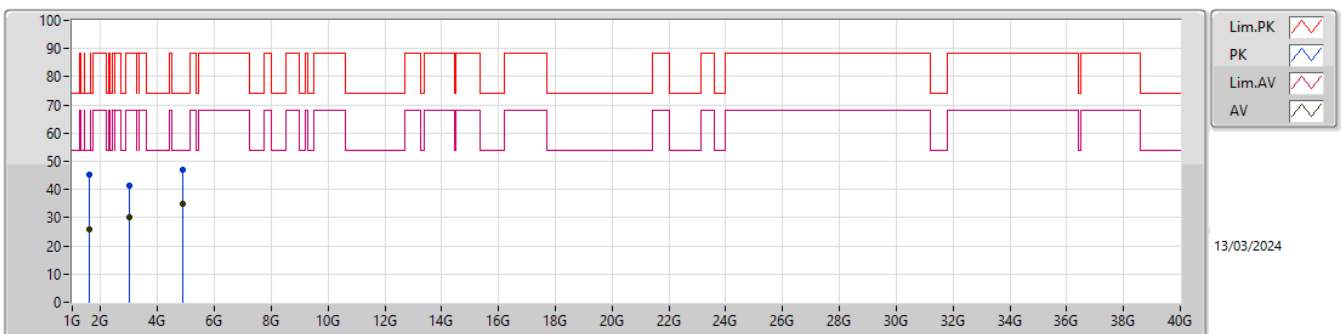


Radiated Emissions above 1GHz_Mode 6



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	1.595G	25.99	54.00	-28.01	-5.93	3	Vertical	178	2.63	31.92	25.35	3.66	34.94
AV	3.7501G	31.65	54.00	-22.35	0.92	3	Vertical	355	1.48	30.73	30.00	5.83	34.91
AV	4.8737G	50.06	54.00	-3.94	4.27	3	Vertical	168	2.06	45.79	32.49	6.59	34.81
PK	1.59338G	47.61	74.00	-26.39	-5.91	3	Vertical	178	2.63	53.52	25.37	3.66	34.94
PK	3.75016G	43.82	74.00	-30.18	0.92	3	Vertical	355	1.48	42.90	30.00	5.83	34.91
PK	4.87382G	55.54	74.00	-18.46	4.28	3	Vertical	168	2.06	51.26	32.50	6.59	34.81

Radiated Emissions above 1GHz_Mode 6



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	1.59706G	25.89	54.00	-28.11	-5.94	3	Horizontal	24	1.95	31.83	25.33	3.67	34.94
AV	3.0001G	29.99	68.20	-38.21	-0.37	3	Horizontal	24	2.83	30.36	29.50	5.17	35.04
AV	4.87454G	34.90	54.00	-19.10	4.28	3	Horizontal	316	1.19	30.62	32.50	6.59	34.81
PK	1.5982G	45.42	74.00	-28.58	-5.95	3	Horizontal	24	1.95	51.37	25.32	3.67	34.94
PK	2.98726G	41.40	88.20	-46.80	-0.48	3	Horizontal	24	2.83	41.88	29.40	5.16	35.04
PK	4.87418G	47.13	74.00	-26.87	4.28	3	Horizontal	316	1.19	42.85	32.50	6.59	34.81