



# RADIO TEST REPORT

**FCC ID** : Z3WAIR4985  
**Equipment** : Wi-Fi 6E Smart Mesh System  
**Brand Name** : Airties  
**Model Name** : Air 4985  
**Applicant** : Airties Wireless Networks  
Sehit Mehmet Mikdat Uluunlu Sokagi No:23  
Esentepe, Sisli İstanbul, 34394 Turkey  
**Manufacturer** : Airties Wireless Networks  
Sehit Mehmet Mikdat Uluunlu Sokagi No:23  
Esentepe, Sisli İstanbul, 34394 Turkey  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Aug. 19, 2022, and testing was started from Aug. 24, 2022 and completed on Oct. 06, 2022. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

**Sporton International Inc. Hsinchu Laboratory**

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



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**Appendix I. Test Photos**

**Photographs of EUT v01**





### 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	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-
3.7	15.407(g)	Frequency Stability	PASS	-

**Declaration of Conformity:**

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

**Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Sam Chen**

**Report Producer: Penny Kao**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20)	5955-7115	1-233 [59]
5925-7125	ax (HEW40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160)	6025-6985	15-207 [7]

Band	Mode	BWch (MHz)	Nant
UNII 5-8	ax (HEW20)	20	2TX
UNII 5-8	ax (HEW20)-BF	20	2TX
UNII 5-8	ax (HEW40)	40	2TX
UNII 5-8	ax (HEW40)-BF	40	2TX
UNII 5-8	ax (HEW80)	80	2TX
UNII 5-8	ax (HEW80)-BF	80	2TX
UNII 5-8	ax (HEW160)	160	2TX
UNII 5-8	ax (HEW160)-BF	160	2TX

**Note:**

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



**1.1.2 Antenna Information**

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz					
1	1	-	1	AirTies	ANT A00	PCB	N/A	Note1
2	2	-	2	AirTies	ANT A11	PCB	N/A	
3	-	1	-	AirTies	ANT A0X	PCB	N/A	
4	-	2	-	AirTies	ANT A1X	PCB	N/A	
5	-	3	-	AirTies	ANT A2X	PCB	N/A	
6	-	4	-	AirTies	ANT A3X	PCB	N/A	

Note1:

**<Antenna Gain>**

Ant.	Port			Antenna Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz			
					UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
1	1	-	1	4.21	-	-	-	-	1.32	1.46	1.76	2.61
2	2	-	2	4.42	-	-	-	-	1.62	1.98	2.47	2.12
3	-	1	-	-	3.49	3.27	2.85	2.09	-	-	-	-
4	-	2	-	-	3.58	2.61	4.52	2.72	-	-	-	-
5	-	3	-	-	2.41	2.6	3.51	5.47	-	-	-	-
6	-	4	-	-	4.45	4.89	4.53	4.93	-	-	-	-

**< Directional Gain>**

Item	Directional Gain (dBi)									
	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz				
		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8	
2T1S	4.52	-	-	-	-	3.75	3.57	4.12	4.26	
4T1S	-	4.57	4.92	5.39	5.58	-	-	-	-	

Note 2: The above information (except gain) was declared by manufacturer.

The directional gain is measured which follows the procedure of KDB 662911 D03.

Note 3: The EUT has six antennas.:

**For 2.4GHz function:**

**For 802.11 b/g/n/VHT/ax (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

**For 5GHz function:**

**For 802.11a/n/ac/ax (4TX/4RX):**

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

**For 6GHz function:**

**For 802.11ax (2TX/2RX):**

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.



1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.949	0.23	2.921m	1k
802.11ax HEW40-BF	0.948	0.23	4.349m	300
802.11ax HEW80-BF	0.942	0.26	4.136m	300
802.11ax HEW160-BF	0.966	0.15	5.148m	300

Note:

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

1.1.4 EUT Operational Condition

<b>EUT Power Type</b>	From Power Adapter			
<b>Beamforming Function</b>	<input checked="" type="checkbox"/> With beamforming	<input type="checkbox"/> Without beamforming		
	The product has beamforming function for 11n/VHT/ax in 2.4GHz, 11n/ac/ax in 5GHz and ax in 6GHz.			
<b>Device Type</b>	<input checked="" type="checkbox"/> Indoor Access Point	<input checked="" type="checkbox"/> Subordinate		
	<input type="checkbox"/> Indoor Client	<input type="checkbox"/> Standard Power Access Point		
	<input type="checkbox"/> Dual Client	<input type="checkbox"/> Standard Client		
	<input type="checkbox"/> Fixed Client			
<b>Channel Puncturing Function</b>	<input type="checkbox"/> Supported	<input checked="" type="checkbox"/> Unsupported		
<b>Support RU</b>	<input checked="" type="checkbox"/> Full RU	<input type="checkbox"/> Partial RU		
<b>Test Software Version</b>	Mtool V3.2.1.3			
<b>Software / Firmware Version for CBP</b>	4.144.6.0_wltest			
<b>SW version</b>	4.144.8.0_wltest			
<b>HW version</b>	PCB-4985-D01-M01-R02			
<b>Serial Number (AC Conduction &amp; Radiated below 1GHz)</b>	J48LB2HV100110			
<b>Serial Number (Contention-Based Protocol test)</b>	J48LA2GH100045			
<b>Serial Number (Other test items)</b>	J48LB2HV100071			

Note: The above information was declared by manufacturer.





**1.1.5 Table for EUT supports functions**

<b>Function</b>	<b>Support Band</b>
AP Router	WLAN 2.4GHz, WLAN 5GHz UNII 1~3 and WLAN 6GHz UNII 5~8
Mesh	WLAN 5GHz UNII 1~3 and WLAN 6GHz UNII 5~8

Note 1: After evaluating, AP Router was selected to test and record in the report.

Note 2: The above information was declared by manufacturer.



### 1.2 Applicable Standards

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

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

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

- ◆ FCC KDB 987594 D02 v01r01
- ◆ FCC KDB 662911 D03 v01
- ◆ FCC KDB 412172 D01 v01r01
- ◆ FCC KDB 414788 D01 v01r01

### 1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	25.3-26.2 / 74-77	Aug. 29, 2022~ Sep. 06, 2022
Radiated Below 1GHz	03CH05-CB	Chris Lee	25.1~26.4 / 61~66	Sep. 16, 2022~ Sep. 19, 2022
Radiated Above 1GHz	03CH01-CB	Gordon Hong	25.1~25.7 / 61~64	Aug. 24, 2022~ Sep. 02, 2022
Radiated Co-location	03CH05-CB	Gordon Hong	25.4~26.5 / 62~65	Sep. 17, 2022
AC Conduction	CO02-CB	Allen Chung	22~23 / 58~59	Sep. 21, 2022
RF Conducted <Contention-Based Protocol test>	DF02-CB	Kevin Huang	23.4~24.3 / 57~58	Sep. 20, 2022~ Oct. 06, 2022
Radiated (Maximum Equivalent Isotopically Radiated Power and Peak Power Spectral Density)	03CH03-CB	Stim Sung	25~26.3 / 63~66	Aug. 27, 2022~ Sep. 02, 2022



## 1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5955MHz	44
6175MHz	44
6415MHz	45
6435MHz	44
6475MHz	45
6515MHz	43
6535MHz	45
6695MHz	45
6855MHz	44
6875MHz Straddle 6.525-6.875GHz	48
6895MHz	41
6995MHz	43
7095MHz	51
7115MHz	46
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5965MHz	51
6165MHz	59
6405MHz	58
6445MHz	51
6485MHz	55
6525MHz Straddle 6.425-6.525GHz	59
6565MHz	59
6685MHz	58
6845MHz	55
6885MHz Straddle 6.525-6.875GHz	60
6925MHz	52
7005MHz	59
7085MHz	60
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5985MHz	74
6145MHz	71
6385MHz	73
6465MHz	73
6545MHz Straddle 6.425-6.525GHz	66



<b>Mode</b>	<b>Power Setting</b>
6625MHz	72
6705MHz	68
6785MHz	71
6865MHz Straddle 6.525-6.875GHz	72
6945MHz	70
7025MHz	68
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
6025MHz	79
6185MHz	79
6345MHz	76
6505MHz Straddle 6.425-6.525GHz	79
6665MHz	79
6825MHz Straddle 6.525-6.875GHz	78
6985MHz	80

**Note:**

- ◆ The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been evaluated to be the worst case, so it was selected to test.



## 2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Emission Bandwidth Contention Based Protocol Frequency Stability
<b>Test Condition</b>	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
<b>Test Condition</b>	Radiated measurement The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at Y axis, thus the measurement will follow this same test
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Unwanted Emissions
<b>Test Condition</b>	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.
<b>Operating Mode &lt; 1GHz</b>	Normal Link
1	AP Router Mode: EUT in X axis + Adapter
2	AP Router Mode: EUT in Y axis + Adapter
3	AP Router Mode: EUT in Z axis + Adapter
For operating mode 3 is the worst case and it was record in this test report.	
<b>Operating Mode &gt; 1GHz</b>	CTX The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at X axis, thus the measurement will follow this same test
1	EUT in X axis



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

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Simultaneous Transmission Analysis - Radiated Emission Co-location
<b>Test Condition</b>	Radiated measurement
<b>Operating Mode</b>	Normal Link
	The EUT was performed at X axis, Y axis and Z axis position. The worst case was found at Z axis for Emissions in Radiated measurement <Above 1GHz>; Thus the measurement will follow this same test
1	EUT in Z axis_WLAN 2.4GHz + WLAN 6GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
<b>Tests Item</b>	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
<b>Operating Mode</b>	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA281911 for Co-location RF Exposure Evaluation.	

### 2.3 EUT Operation during Test

For CTX Mode:

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Access Manual Tool 3.2.1.3.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN module and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.



### 2.4 Accessories

Accessories				
No.	Equipment Name	Brand Name	Model Name	Rating
1	Adapter	MOSO	MS-V2000R120-024H0-US	Input: 100-240V~50/60Hz, 0.7A max. Output: 12.0V, 2.0A
Others				
RJ-45 cable*1: Non-shielded, 1.5m				

### 2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	2.5G WAN NB	DELL	E6430	N/A
B	LAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	6G NB	DELL	E6430	N/A
F	6G Client	INTEL	AX210	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook(LAN)	DELL	E4300	N/A
B	Notebook(WiFi 2.4G)	DELL	E4300	N/A
C	Notebook(WiFi 5G)	DELL	E4300	N/A
D	Notebook(WiFi 6E)	DELL	E4300	N/A
E	Notebook(WAN)	DELL	E4300	N/A

For Radiated (above 1GHz):  
Beamforming mode

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	WLAN module	Intel	AX210	N/A
C	Notebook	DELL	E4300	N/A





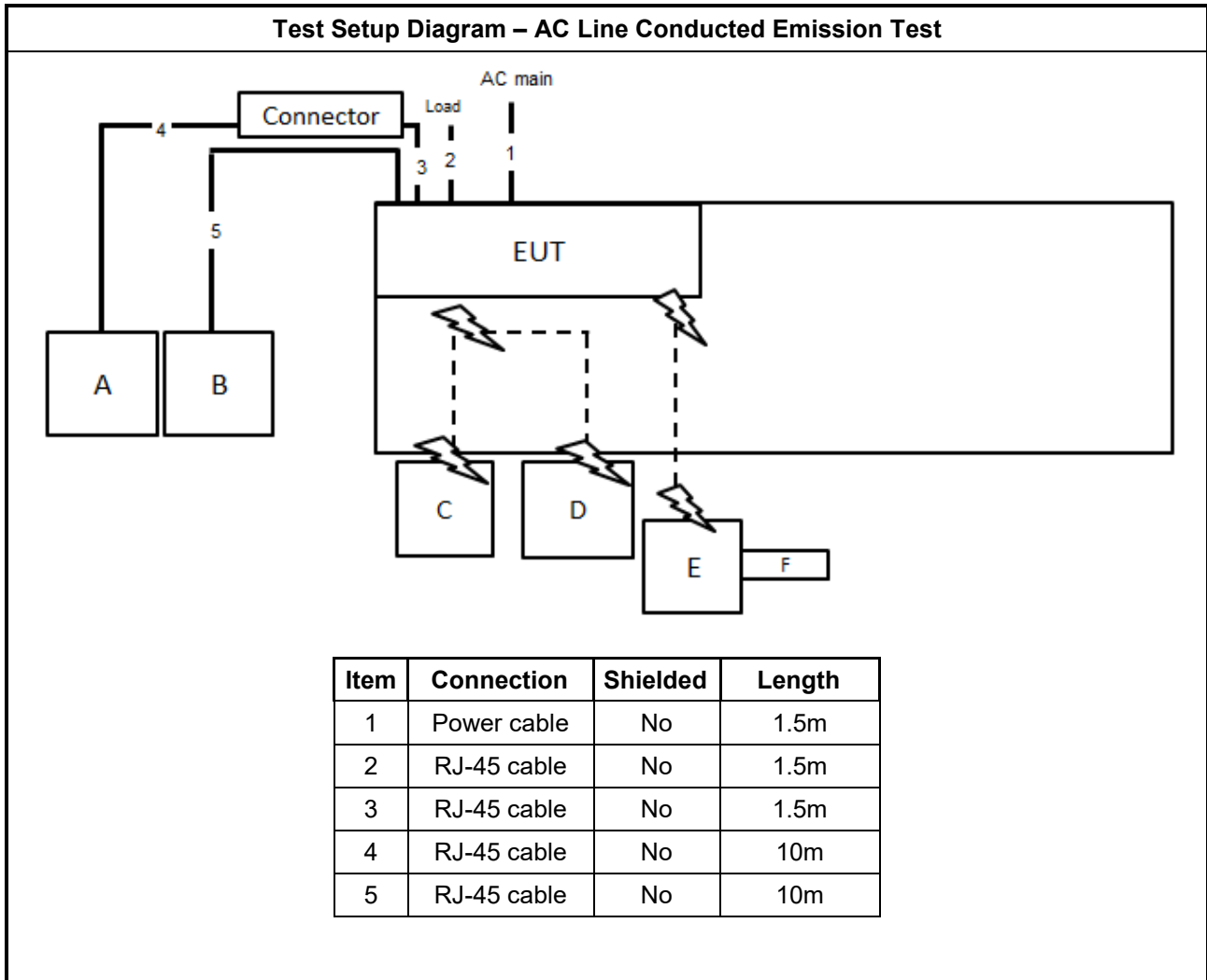
**For RF Conducted, Maximum Equivalent Isotropically Radiated Power and Peak Power Spectral Density:**

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

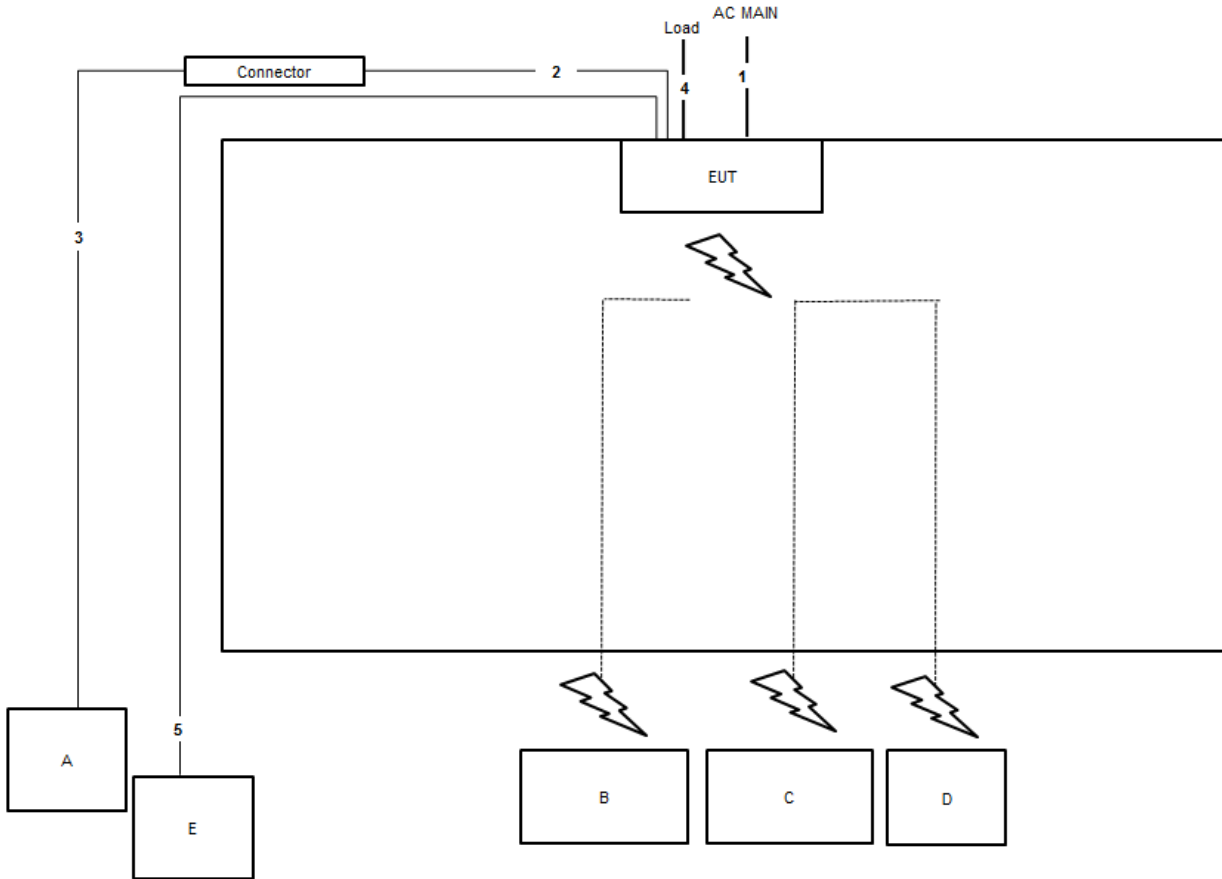
**For Contention-Based Protocol test**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Intel	AX210NGW	N/A

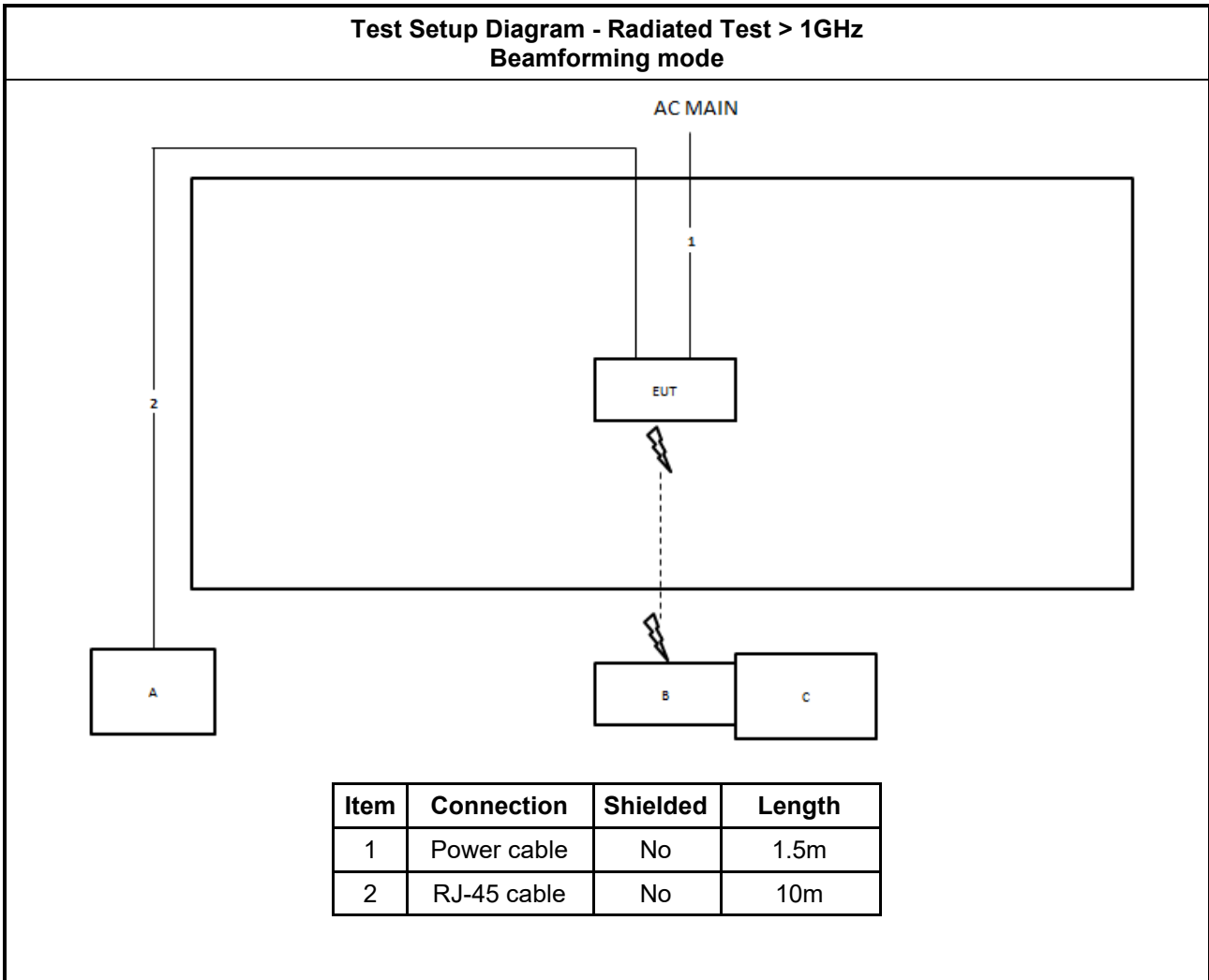
## 2.6 Test Setup Diagram



**Test Setup Diagram - Radiated Test < 1GHz**



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





### 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.

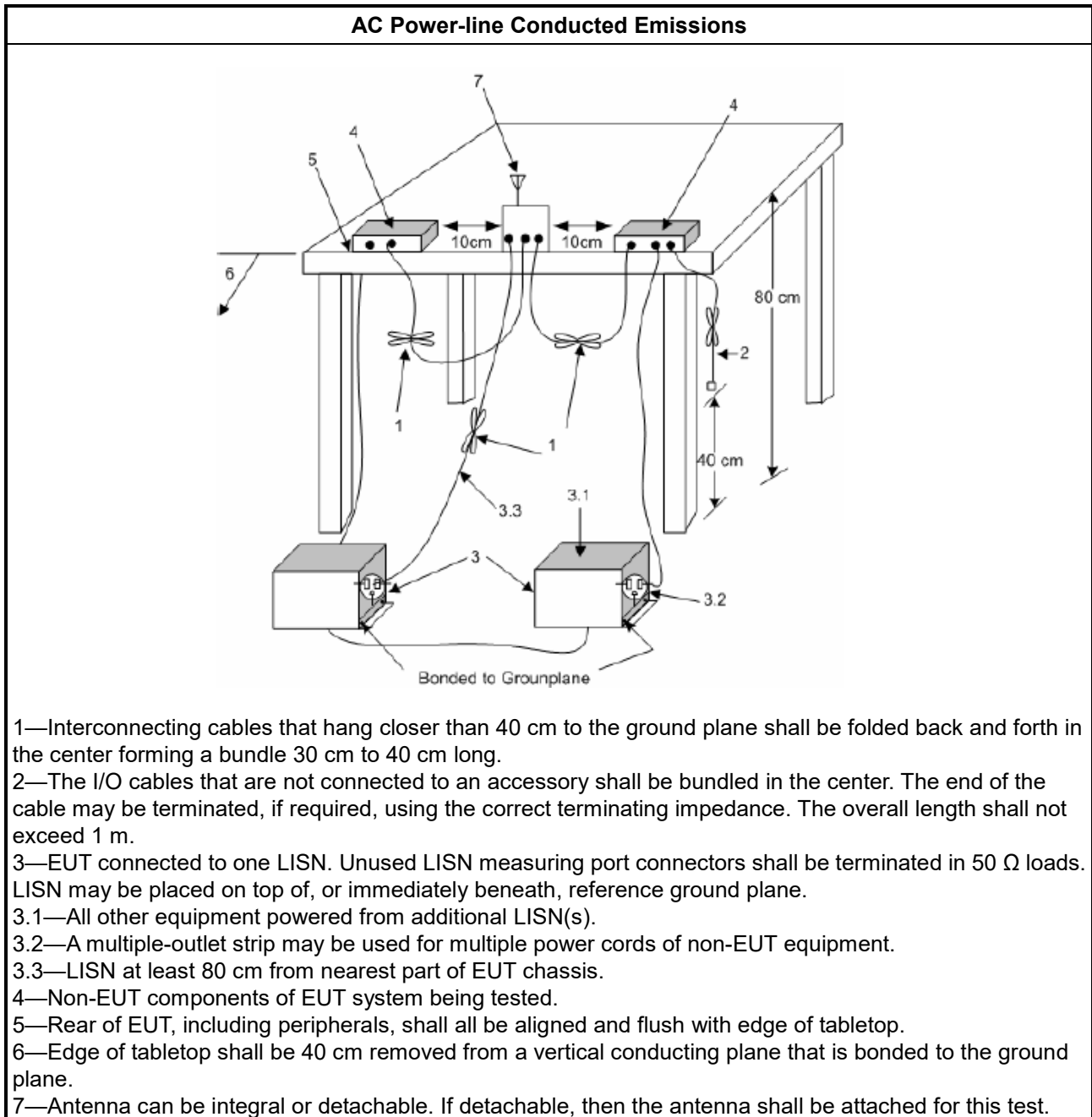
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

### 3.1.4 Test Setup





### **3.1.5 Measurement Results Calculation**

The measured Level is calculated using:

- a. Corrected Reading (dBuV) = LISN Factor + Cable Loss + Read Level = Level
- b. Margin = - Limit + (Read Level + LISN Factor + Cable Loss)

### **3.1.6 Test Result of AC Power-line Conducted Emissions**

Refer as Appendix A

### 3.2 Emission Bandwidth

#### 3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5925-6425 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6425-6525 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6525-6875 GHz band, N/A
<input checked="" type="checkbox"/>	For the 6875-7125 GHz band, N/A
<b>RLAN Devices</b>	
<input type="checkbox"/>	For the 5925-6425 GHz band, N/A
<input type="checkbox"/>	For the 6425-6525 GHz band, N/A
<input type="checkbox"/>	For the 6525-6875 GHz band, N/A
<input type="checkbox"/>	For the 6875-7125 GHz band, N/A

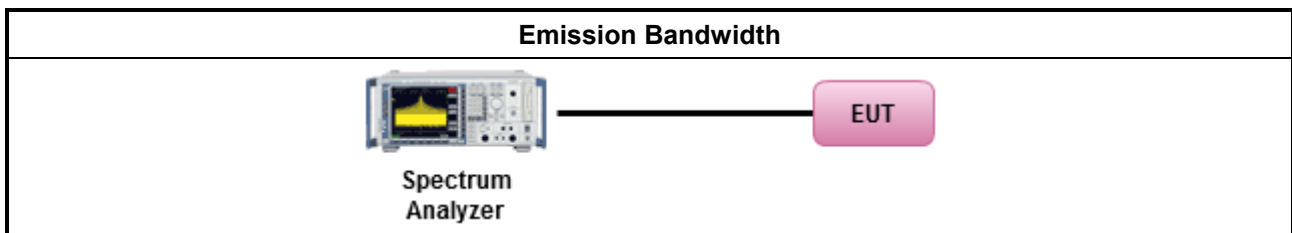
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

Test Method							
<ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:           <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td>According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.</td> </tr> </table> </li> </ul>		<input checked="" type="checkbox"/>	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.	<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.
<input checked="" type="checkbox"/>	According to FCC KDB 987594 D02 clause II.C, measurement procedure shall refer to FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.						
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.						
<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.						

#### 3.2.4 Test Setup



#### 3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B





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

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

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.925 ~ 6.425 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For standard power access point and fixed client device : e.i.r.p &lt; 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).</li> <li>▪ For indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For subordinate device control of an indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of a standard power access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of an indoor access point : e.i.r.p &lt; 24 dBm.</li> </ul>
<input checked="" type="checkbox"/> For the 6.425 ~ 6.525 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of an indoor access point : e.i.r.p &lt; 24 dBm.</li> </ul>
<input checked="" type="checkbox"/> For the 6.525 ~ 6.875 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For standard power access point and fixed client device : e.i.r.p &lt; 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).</li> <li>▪ For indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For subordinate device control of an indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of a standard power access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of an indoor access point : e.i.r.p &lt; 24 dBm.</li> </ul>
<input checked="" type="checkbox"/> For the 6.875 ~ 7.125 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For indoor access point : e.i.r.p &lt; 30 dBm.</li> <li>▪ For client device control of an indoor access point : e.i.r.p &lt; 24 dBm.</li> </ul>
<b>RLAN Devices</b>	
<input type="checkbox"/> For the 5.925 ~ 7.125 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For RLAN devices(Indoor) other than client devices &lt; 30 dBm / occupied bandwidth.</li> <li>▪ For client devices(Indoor) &lt; 24 dBm / occupied bandwidth.</li> </ul>



3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
<input type="checkbox"/>	According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.
Average over on/off periods with duty factor	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
<input type="checkbox"/>	For conducted measurement.
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>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.</li> <li>If multiple transmit chains, EIRP calculation could be following as methods:  <math display="block">P_{total} = P_1 + P_2 + \dots + P_n</math> (calculated in linear unit [mW] and transfer to log unit [dBm])  <math display="block">EIRP_{total} = P_{total} + DG</math> </li> </ul>
<input checked="" type="checkbox"/>	For radiated measurement.
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> <li>Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.</li> </ul>

Note :

The test is the final test result, It includes antenna /cable loss factor & FSL factor.

The EIRP calculation refer to "KDB 412172 D01 Determining ERP and EIRP v01r01"

EIRP Formula :

EIRP(dBm) = PR(dBm) + LP(FSL factor)

where;

PR(dBm) : Power measurement level include antenna/cable loss

LP : Free Space Loss(dB)

PR Formula :

PR(dBm) = P Meas(dBm) – GR(dBi) + LC(dB)

where;

P Meas(dBm) : Power measurement level

GR(dBi) : Gain of the receive(measurement) antenna (dBi)

LC(dB) : Measurement cable loss (dB)

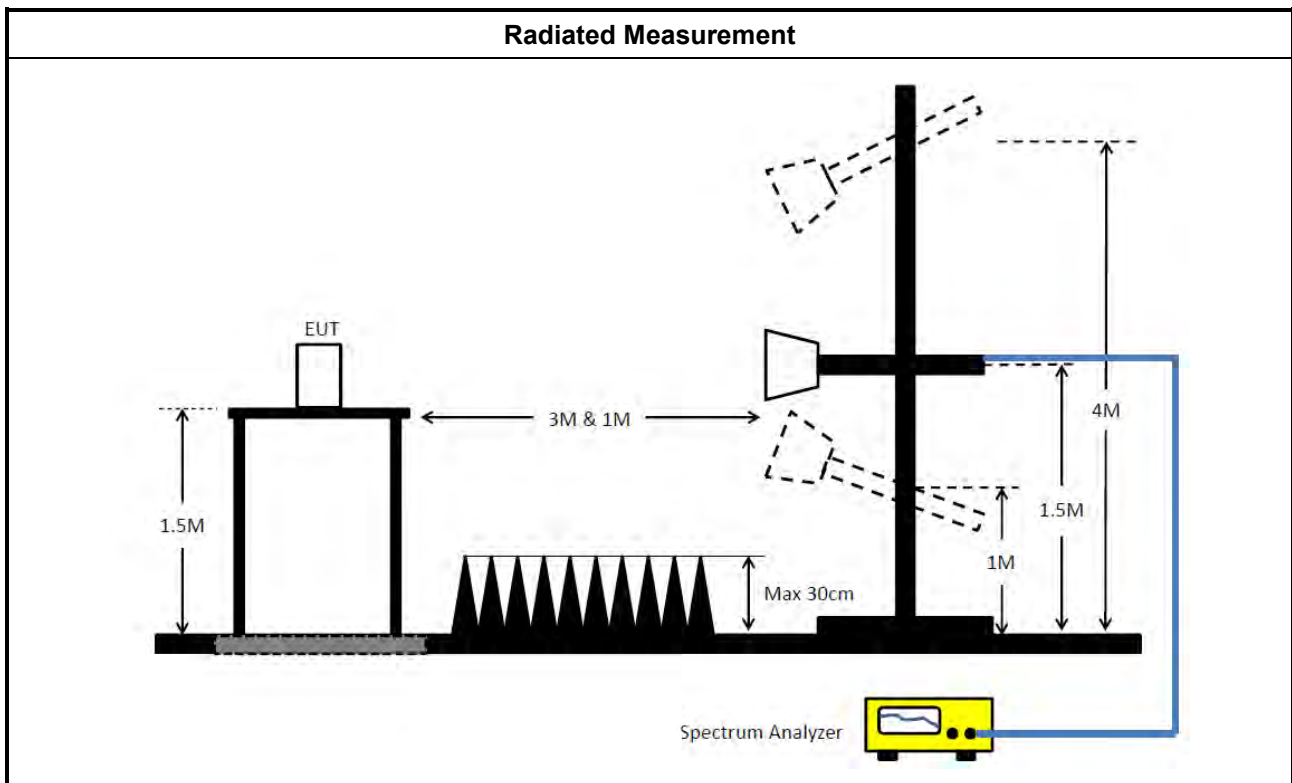
LP(FSL factor) Formula :  
 $LP(dB) = 20 \log F + 20 \log D - 27.54$   
 where;  
 F(MHz) : EUT center frequency  
 D(m) : Measurement distance

For Example:  
 Test mode HE20 Non BF 4T1S 6175MHz EIRP measurement  
 PR Formula :  
 $PR(dBm) = -36.52 - 10.91 + 6.48 = -40.95$

LP(FSL factor) Formula :  
 $LP(dB) = 20 \log(5955) + 20 \log(3) - 27.5 = 57.54$

EIRP Formula :  
 $EIRP(dBm) = -40.95 + 57.54 = 16.59$

**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	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.925 ~ 6.425 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For standard power access point and fixed client device : e.i.r.p PSD &lt; 23 dBm/MHz.</li> <li>▪ For indoor access point : e.i.r.p PSD &lt; 5 dBm/MHz.</li> <li>▪ For subordinate device control of an indoor access point : e.i.r.p PSD &lt; 5 dBm/MHz.</li> <li>▪ For client device control of a standard power access point : e.i.r.p PSD &lt; 17 dBm/MHz.</li> <li>▪ For client device control of an indoor access point : e.i.r.p PSD &lt; -1 dBm/MHz.</li> </ul>
<input checked="" type="checkbox"/> For the 6.425 ~ 6.525 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For indoor access point : e.i.r.p PSD &lt; 5 dBm/MHz.</li> <li>▪ For client device control of an indoor access point : e.i.r.p PSD &lt; -1 dBm/MHz.</li> </ul>
<input checked="" type="checkbox"/> For the 6.525 ~ 6.875 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For standard power access point and fixed client device : e.i.r.p PSD &lt; 23 dBm/MHz.</li> <li>▪ For indoor access point : e.i.r.p PSD &lt; 5 dBm/MHz.</li> <li>▪ For subordinate device control of an indoor access point : e.i.r.p PSD &lt; 5 dBm/MHz.</li> <li>▪ For client device control of a standard power access point : e.i.r.p PSD &lt; 17 dBm/MHz.</li> <li>▪ For client device control of an indoor access point : e.i.r.p PSD &lt; -1 dBm/MHz.</li> </ul>
<input checked="" type="checkbox"/> For the 6.875 ~ 7.125 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For indoor access point : e.i.r.p PSD &lt; 5 dBm/MHz.</li> <li>▪ For client device control of an indoor access point : e.i.r.p PSD &lt; -1 dBm/MHz.</li> </ul>
<b>RLAN Devices</b>	
<input type="checkbox"/> For the 5.925 ~ 7.125 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ For RLAN devices(Indoor) other than client devices &lt; 5 dBm / MHz.</li> <li>▪ For client devices(Indoor) &lt; -1 dBm / MHz.</li> </ul>

#### 3.4.2 Measuring Instruments

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



**3.4.3 Test Procedures**

<b>Test Method</b>	
	<ul style="list-style-type: none"> <li>▪ According to FCC KDB 987594 D02 clause II.F, the measurement procedure shall refer to KDB 789033. Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:</li> </ul>
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input type="checkbox"/>	For conducted measurement.
	<ul style="list-style-type: none"> <li>▪ If the EUT supports multiple transmit chains using options given below:               <ul style="list-style-type: none"> <li><input type="checkbox"/> 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.</li> <li><input type="checkbox"/> 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,</li> <li><input type="checkbox"/> 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.</li> </ul> </li> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:  <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>                (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>
<input checked="" type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"</li> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>



<b>Test Method</b>	
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

**Note :**

The test is the final test result, It includes antenna /cable loss factor & FSL factor.  
The EIRP PSD calculation refer to "KDB 412172 D01 Determining ERP and EIRP v01r01"

EIRP PSD Formula :

$$\text{EIRP PSD(dBm/MHz)} = \text{PR(dBm/MHz)} + \text{LP(FSL factor)}$$

where;

PR(dBm/MHz) : Power measurement level include antenna/cable loss

LP : Free Space Loss(dB)

PR Formula :

$$\text{PR(dBm/MHz)} = \text{P Meas(dBm/MHz)} - \text{GR(dBi)} + \text{LC(dB)}$$

where;

P Meas(dBm/MHz) : PSD measurement level

GR(dBi) : Gain of the receive(measurement) antenna (dBi)

LC(dB) : Measurement cable loss (dB)

LP(FSL factor) Formula :

$$\text{LP(dB)} = 20 \log F + 20 \log D - 27.54$$

where;

F(MHz) : EUT center frequency

D(m) : Measurement distance

For Example:

Test mode HE20 Non BF 4T1S 6175MHz EIRP PSD measurement

PR Formula :

$$\text{PR(dBm/MHz)} = -48.32 - 10.92 + 6.48 = -52.76$$

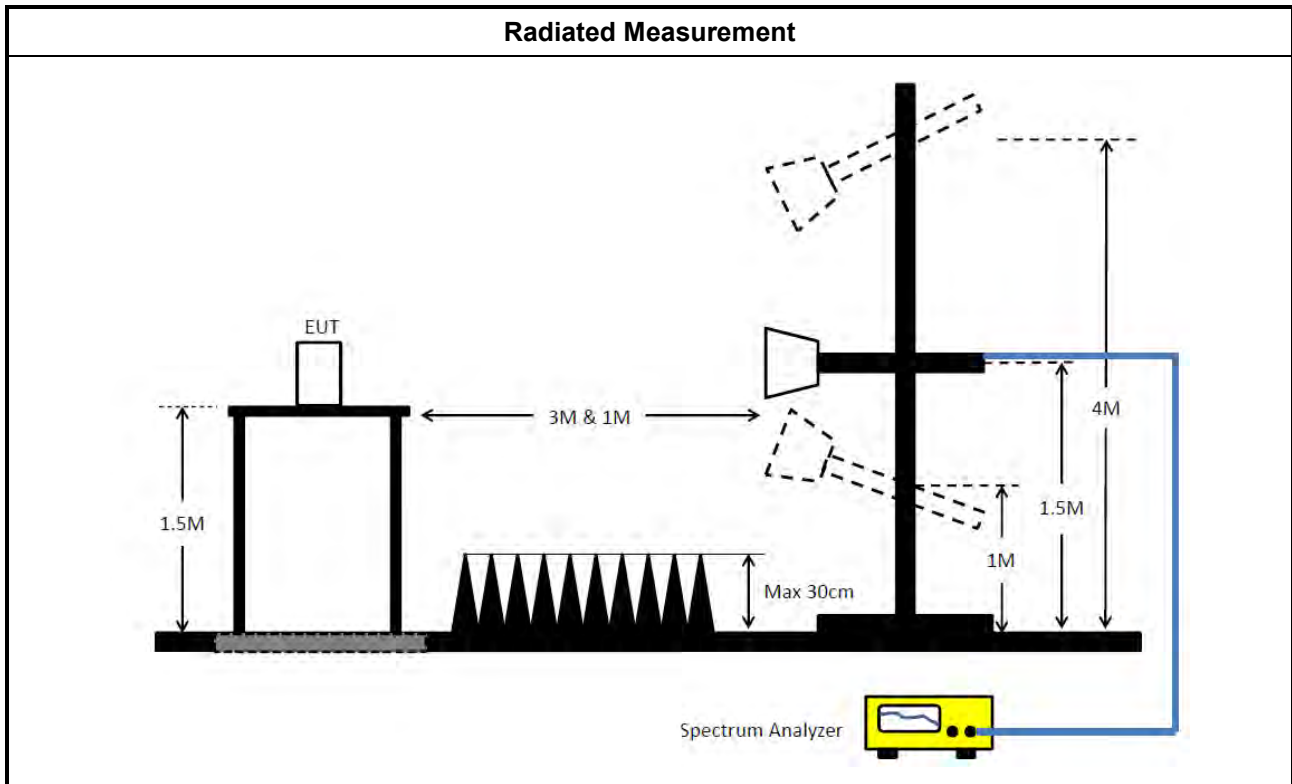
LP(FSL factor) Formula :

$$\text{LP(dB)} = 20 \log(5953.5) + 20 \log(3) - 27.5 = 57.55$$

EIRP PSD Formula

$$\text{EIRP PSD(dBm/MHz)} = -52.76 + 57.55 = 4.79$$

**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.

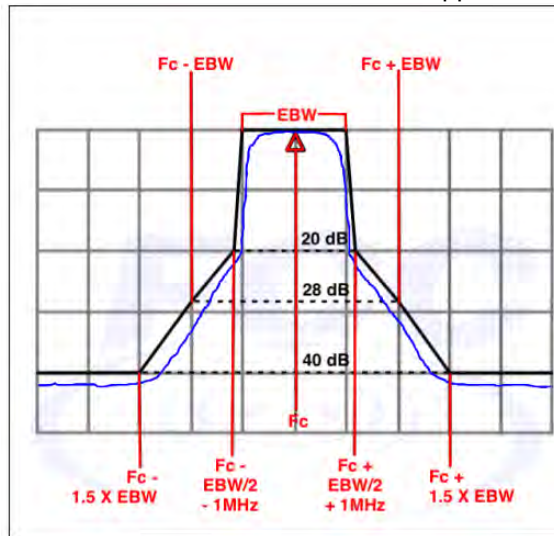
Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m( $20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$ ).  
 EX. Above 18GHz emission limit calculation (3m to 1m) = 54dBuV/m at 3m + 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. Note 2:-27 dBm EIRP OOB is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
Frequency	Emission MASK Limit



5.945 – 7.125 GHz

Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.





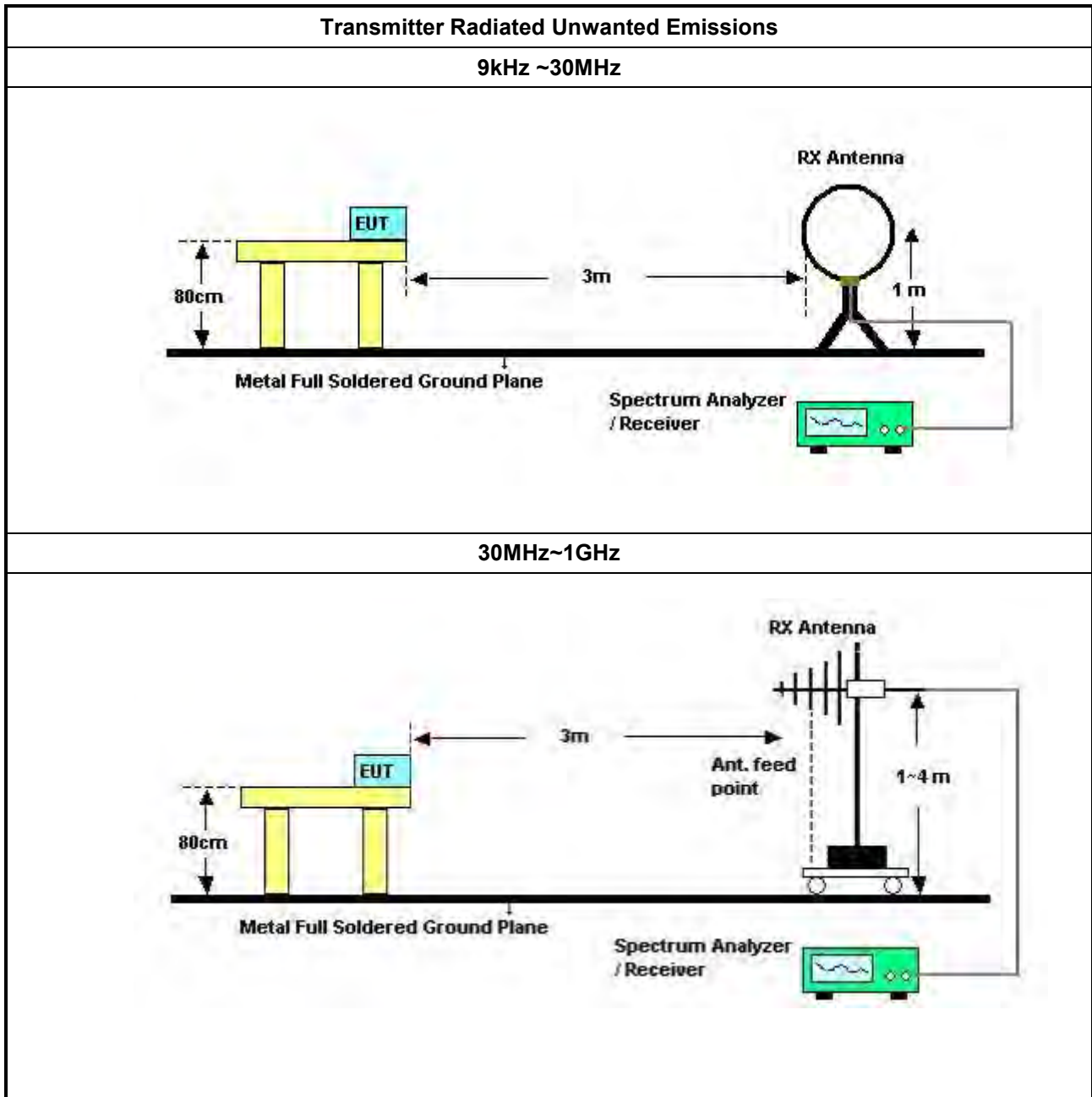
**3.5.2 Measuring Instruments**

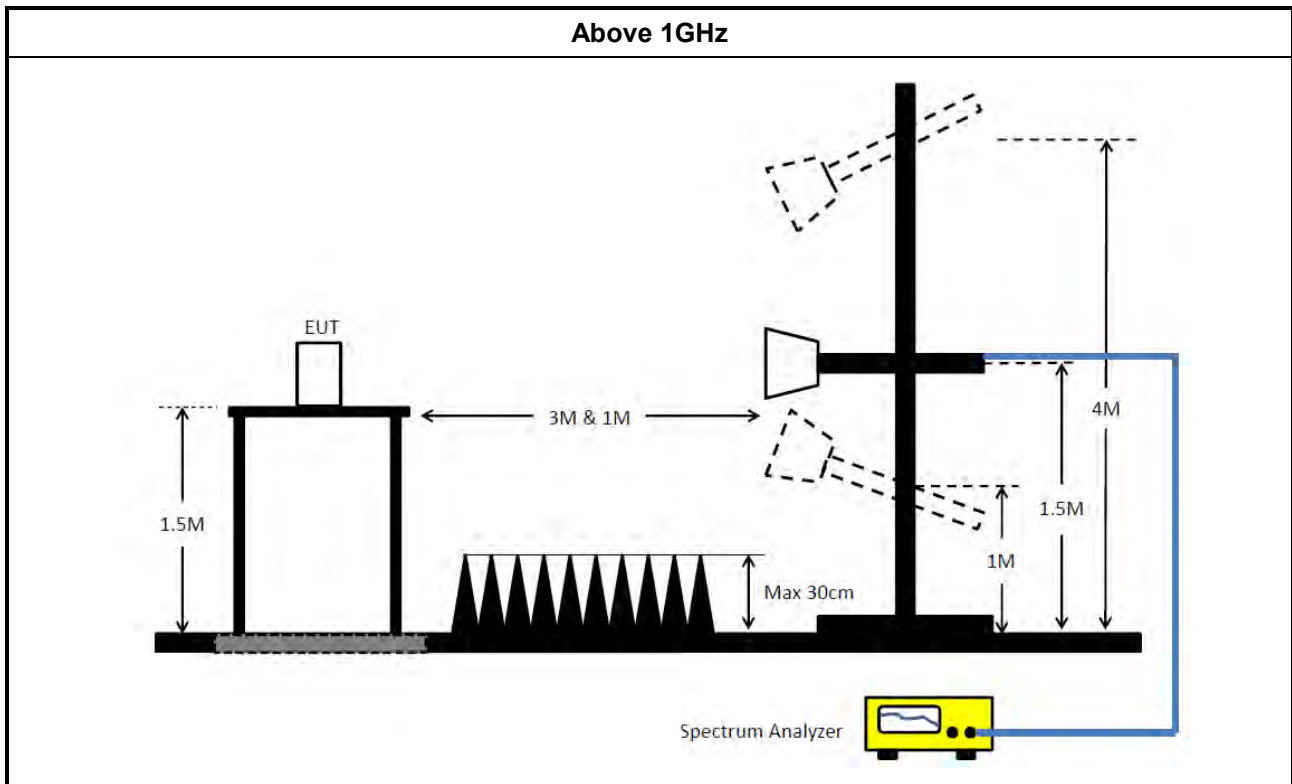
Refer a test equipment and calibration data table in this test report.

**3.5.3 Test Procedures**

<b>Test Method</b>	
<ul style="list-style-type: none"> <li>▪ According to FCC KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).</li> </ul>	
<ul style="list-style-type: none"> <li>▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].</li> </ul>	
<ul style="list-style-type: none"> <li>▪ For the transmitter unwanted emissions shall be measured using following options below:</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.</li> </ul>
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
<input checked="" type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.( For restricted band average measurement)
<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
<ul style="list-style-type: none"> <li>▪ Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ For emission MASK shall be measured using following options below:</li> </ul>	
<input checked="" type="checkbox"/>	Refer as FCC KDB 987594 D02, J) In-Band Emissions
<ul style="list-style-type: none"> <li>▪ For radiated measurement.</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul>
<ul style="list-style-type: none"> <li>▪ The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>	

**3.5.4 Test Setup**





**3.5.5 Measurement Results Calculation**

The measured Level is calculated using:

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

**3.5.6 Transmitter Unwanted Emissions (Below 30MHz)**

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

**3.5.7 Test Result of Transmitter Unwanted Emissions**

Refer as Appendix E

### 3.6 Contention Based Protocol

#### 3.6.1 Contention Based Protocol Limit

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

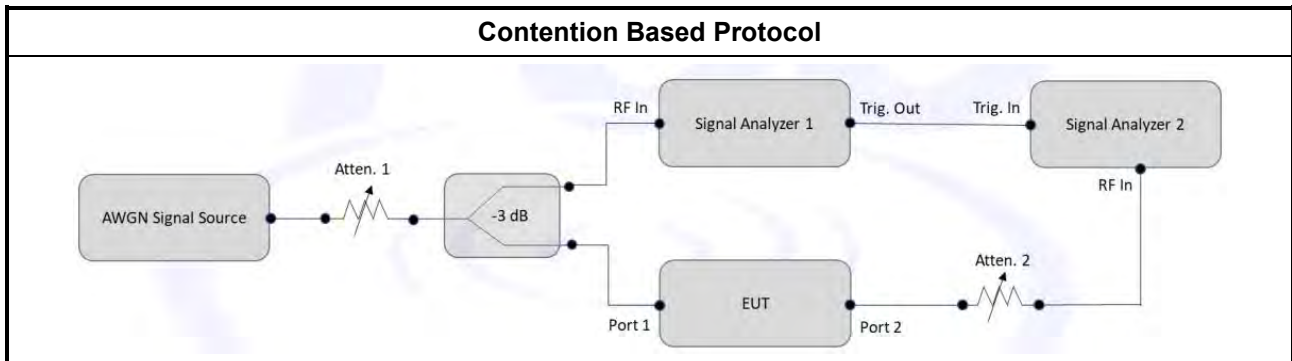
#### 3.6.2 Measuring Instruments

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

#### 3.6.3 Test Procedures

Test Method	
▪	For Contention Based Protocol shall be measured using following options below:
<input checked="" type="checkbox"/>	Refer as FCC KDB 987594 D02, I) In-Band Emissions

#### 3.6.4 Test Setup



#### 3.6.5 Test Result of Contention Based Protocol

Refer as Appendix F

### 3.7 Frequency Stability

#### 3.7.1 Frequency Stability Limit

Frequency Stability Limit	
▪	In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

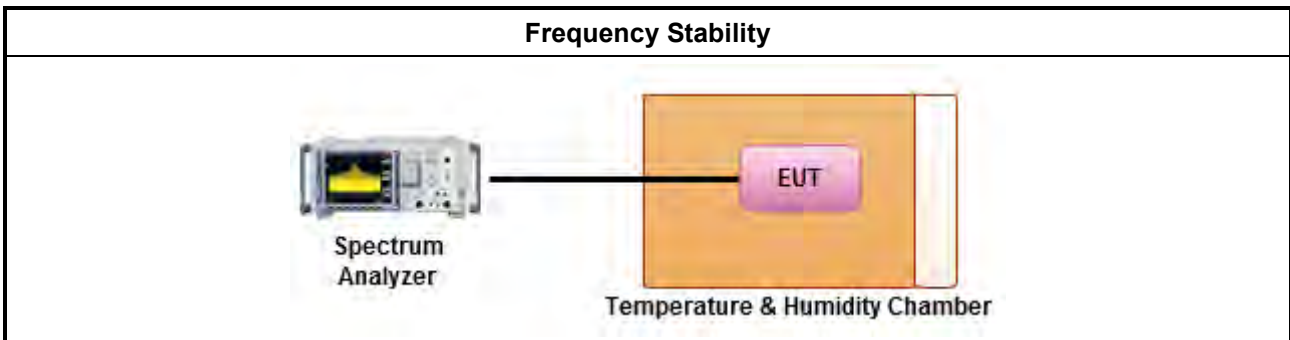
#### 3.7.2 Measuring Instruments

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

#### 3.7.3 Test Procedures

Test Method	
▪	Refer as ANSI C63.10, clause 6.8 for frequency stability tests
▪	Frequency stability with respect to ambient temperature
▪	Frequency stability when varying supply voltage
▪	Extreme temperature is -30°C~50°C.

#### 3.7.4 Test Setup



#### 3.7.5 Test Result of Frequency Stability

Refer as Appendix G



## 4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 22, 2021	Dec. 21, 2022	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 06, 2022	May 05, 2023	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 19, 2021	Oct. 18, 2022	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 18, 2022	Mar. 17, 2023	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 05, 2022	Jul. 04, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)





Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 06, 2021	Nov. 05, 2022	Conducted (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Jan. 05, 2022	Jan. 04, 2023	Conducted (DF02-CB)
Vector Signal generator	R&S	SMW200A	109426	100kHz- 7.5GHz	Dec. 28, 2021	Dec. 27, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -07	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -07	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 25, 2021	Nov. 24, 2022	Conducted (DF02-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1531344	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1728002	300MHz~40GHz	Jul. 31, 2022	Jul. 30, 2023	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

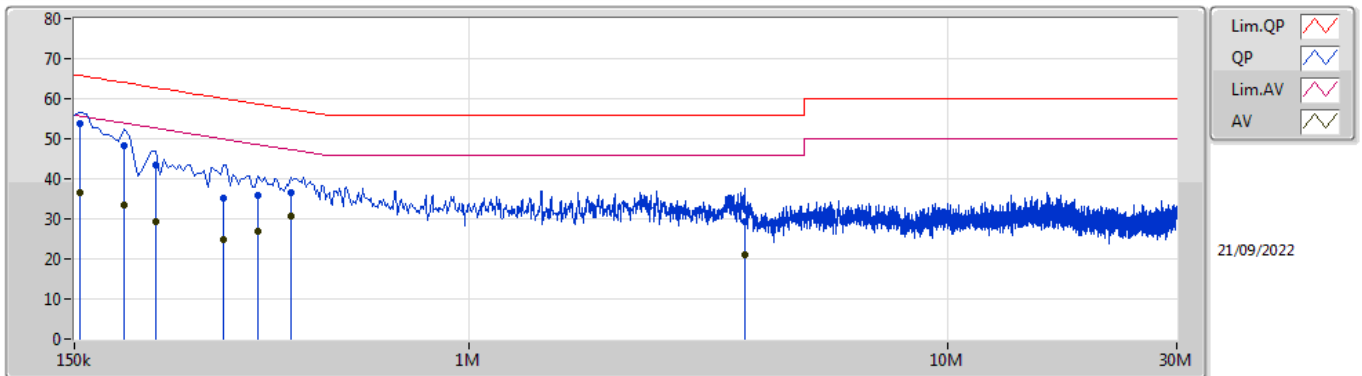
NCR means Non-Calibration required.



**Summary**

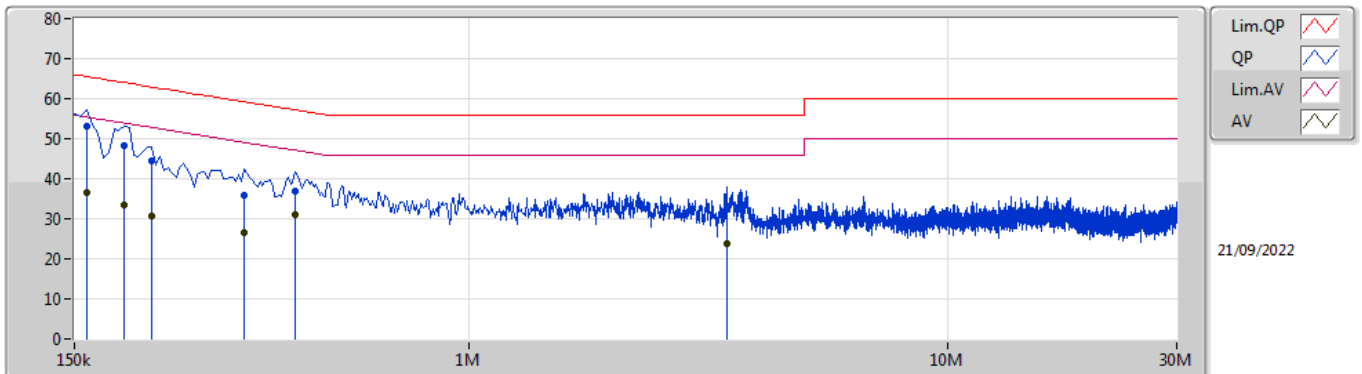
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.5k	53.91	65.75	-11.84	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	154.5k	53.91	65.75	-11.84	10.24	Line	"Worst"	43.67	0.12	0.02	10.10
AV	154.5k	36.52	55.75	-19.23	10.24	Line	-	26.28	0.12	0.02	10.10
QP	190.5k	48.39	64.01	-15.62	10.21	Line	-	38.18	0.12	0.02	10.07
AV	190.5k	33.49	54.01	-20.52	10.21	Line	-	23.28	0.12	0.02	10.07
QP	222k	43.44	62.75	-19.31	10.21	Line	-	33.23	0.12	0.02	10.07
AV	222k	29.37	52.75	-23.38	10.21	Line	-	19.16	0.12	0.02	10.07
QP	307.5k	35.19	60.03	-24.84	10.23	Line	-	24.96	0.12	0.02	10.09
AV	307.5k	24.72	50.03	-25.31	10.23	Line	-	14.49	0.12	0.02	10.09
QP	361.5k	35.73	58.70	-22.97	10.24	Line	-	25.49	0.12	0.02	10.10
AV	361.5k	26.73	48.70	-21.97	10.24	Line	-	16.49	0.12	0.02	10.10
QP	424.5k	36.47	57.36	-20.89	10.25	Line	-	26.22	0.12	0.02	10.11
AV	424.5k	30.54	47.36	-16.82	10.25	Line	-	20.29	0.12	0.02	10.11
QP	3.773M	29.35	56.00	-26.65	10.49	Line	-	18.86	0.23	0.07	10.19
AV	3.773M	20.92	46.00	-25.08	10.49	Line	-	10.43	0.23	0.07	10.19

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	159k	52.98	65.52	-12.54	10.28	Neutral	"Worst"	42.70	0.16	0.02	10.10
AV	159k	36.46	55.52	-19.06	10.28	Neutral	-	26.18	0.16	0.02	10.10
QP	190.5k	48.43	64.01	-15.58	10.25	Neutral	-	38.18	0.16	0.02	10.07
AV	190.5k	33.47	54.01	-20.54	10.25	Neutral	-	23.22	0.16	0.02	10.07
QP	217.5k	44.65	62.92	-18.27	10.25	Neutral	-	34.40	0.16	0.02	10.07
AV	217.5k	30.60	52.92	-22.32	10.25	Neutral	-	20.35	0.16	0.02	10.07
QP	339k	35.71	59.23	-23.52	10.28	Neutral	-	25.43	0.16	0.02	10.10
AV	339k	26.39	49.23	-22.84	10.28	Neutral	-	16.11	0.16	0.02	10.10
QP	433.5k	36.87	57.19	-20.32	10.29	Neutral	-	26.58	0.16	0.02	10.11
AV	433.5k	30.93	47.19	-16.26	10.29	Neutral	-	20.64	0.16	0.02	10.11
QP	3.458M	32.29	56.00	-23.71	10.46	Neutral	-	21.83	0.21	0.07	10.18
AV	3.458M	23.87	46.00	-22.13	10.46	Neutral	-	13.41	0.21	0.07	10.18

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.55M	19.22M	19M2D1D	22.05M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.88M	37.961M	38MOD1D	40.44M	37.781M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	85.32M	77.481M	77M5D1D	82.44M	77.241M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	187.68M	156.642M	157MD1D	163.92M	155.442M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.36M	19.22M	19M2D1D	22.05M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.04M	37.961M	38MOD1D	40.56M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.36M	77.601M	77M6D1D	82.8M	77.361M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	251.76M	156.402M	156MD1D	187.2M	156.162M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.97M	19.19M	19M2D1D	22.02M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	41.28M	37.961M	38MOD1D	40.38M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	85.08M	77.601M	77M6D1D	82.44M	77.361M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	165.12M	156.402M	156MD1D	164.16M	155.922M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.55M	19.22M	19M2D1D	21.99M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42.06M	37.961M	38MOD1D	40.74M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	84.6M	77.601M	77M6D1D	82.32M	77.481M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	272.16M	156.882M	157MD1D	263.04M	156.642M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5955MHz_TnomVnom	Pass	Inf	22.05M	19.16M	23.55M	19.22M
6175MHz_TnomVnom	Pass	Inf	22.71M	19.19M	23.16M	19.22M
6415MHz_TnomVnom	Pass	Inf	22.2M	19.19M	23.34M	19.22M
6435MHz_TnomVnom	Pass	Inf	22.14M	19.19M	23.4M	19.22M
6475MHz_TnomVnom	Pass	Inf	22.05M	19.16M	23.34M	19.22M
6515MHz_TnomVnom	Pass	Inf	22.14M	19.19M	24.36M	19.22M
6535MHz_TnomVnom	Pass	Inf	22.08M	19.19M	23.28M	19.19M
6695MHz_TnomVnom	Pass	Inf	22.23M	19.16M	23.97M	19.19M
6855MHz_TnomVnom	Pass	Inf	22.02M	19.19M	22.2M	19.19M
6875MHz Straddle 6.525-6.875GHz_TnomVnom	Pass	Inf	22.05M	19.16M	22.2M	19.19M
6875MHz Straddle 6.875-7.125GHz_TnomVnom						
6895MHz_TnomVnom	Pass	Inf	21.99M	19.19M	22.26M	19.19M
6995MHz_TnomVnom	Pass	Inf	22.14M	19.16M	22.29M	19.22M
7095MHz_TnomVnom	Pass	Inf	22.05M	19.19M	23.37M	19.22M
7115MHz_TnomVnom	Pass	Inf	22.41M	19.16M	23.55M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5965MHz_TnomVnom	Pass	Inf	41.04M	37.781M	41.82M	37.841M
6165MHz_TnomVnom	Pass	Inf	40.44M	37.901M	40.86M	37.901M
6405MHz_TnomVnom	Pass	Inf	41.88M	37.901M	40.68M	37.961M
6445MHz_TnomVnom	Pass	Inf	41.04M	37.841M	40.86M	37.841M
6485MHz_TnomVnom	Pass	Inf	40.68M	37.841M	40.56M	37.961M
6525MHz Straddle 6.425-6.525GHz_TnomVnom	Pass	Inf	40.56M	37.841M	41.04M	37.901M
6525MHz Straddle 6.525-6.875GHz_TnomVnom						
6565MHz_TnomVnom	Pass	Inf	40.44M	37.841M	40.62M	37.901M
6685MHz_TnomVnom	Pass	Inf	40.38M	37.901M	40.92M	37.901M
6845MHz_TnomVnom	Pass	Inf	40.8M	37.901M	40.8M	37.961M
6885MHz Straddle 6.525-6.875GHz_TnomVnom	Pass	Inf	40.98M	37.841M	41.28M	37.901M
6885MHz Straddle 6.875-7.125GHz_TnomVnom						
6925MHz_TnomVnom	Pass	Inf	40.74M	37.901M	41.16M	37.961M
7005MHz_TnomVnom	Pass	Inf	41.88M	37.901M	42.06M	37.901M
7085MHz_TnomVnom	Pass	Inf	42.06M	37.961M	40.98M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5985MHz_TnomVnom	Pass	Inf	82.44M	77.241M	83.4M	77.241M
6145MHz_TnomVnom	Pass	Inf	84.12M	77.481M	83.88M	77.481M
6385MHz_TnomVnom	Pass	Inf	85.32M	77.481M	84.12M	77.361M
6465MHz_TnomVnom	Pass	Inf	83.4M	77.481M	84.36M	77.601M
6545MHz Straddle 6.425-6.525GHz_TnomVnom	Pass	Inf	82.8M	77.361M	84.36M	77.481M
6545MHz Straddle 6.525-6.875GHz_TnomVnom						
6625MHz_TnomVnom	Pass	Inf	83.88M	77.481M	85.08M	77.601M
6705MHz_TnomVnom	Pass	Inf	83.88M	77.601M	83.28M	77.601M
6785MHz_TnomVnom	Pass	Inf	83.4M	77.481M	84M	77.361M
6865MHz Straddle 6.525-6.875GHz_TnomVnom	Pass	Inf	82.44M	77.481M	82.56M	77.361M
6865MHz Straddle 6.875-7.125GHz_TnomVnom						
6945MHz_TnomVnom	Pass	Inf	82.32M	77.601M	84.36M	77.481M
7025MHz_TnomVnom	Pass	Inf	83.64M	77.481M	84.6M	77.481M
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
6025MHz_TnomVnom	Pass	Inf	164.4M	156.162M	163.92M	155.442M
6185MHz_TnomVnom	Pass	Inf	163.92M	156.162M	187.68M	156.642M
6345MHz_TnomVnom	Pass	Inf	164.16M	156.162M	164.4M	155.922M
6505MHz Straddle 6.425-6.525GHz_TnomVnom	Pass	Inf	251.76M	156.402M	187.2M	156.162M
6505MHz Straddle 6.525-6.875GHz_TnomVnom						
6665MHz_TnomVnom	Pass	Inf	164.4M	156.162M	165.12M	156.402M
6825MHz Straddle 6.525-6.875GHz_TnomVnom	Pass	Inf	164.16M	156.162M	164.64M	155.922M
6825MHz Straddle 6.875-7.125GHz_TnomVnom						



Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
6985MHz_TnomVnom	Pass	Inf	272.16M	156.642M	263.04M	156.882M

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



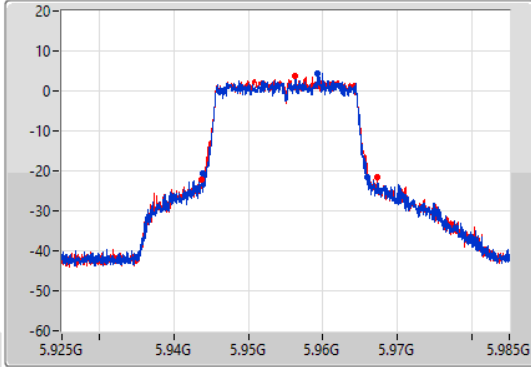
### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

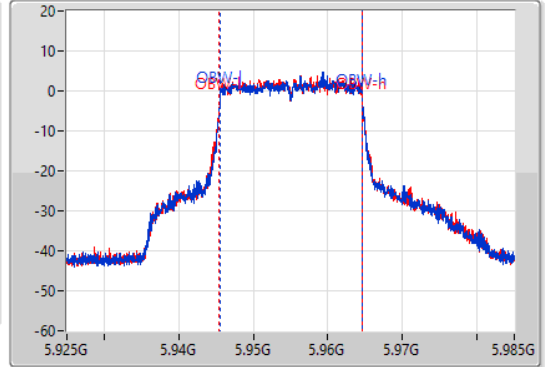
5955MHz

06/09/2022

CF: 5.955GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 5.955GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.94387G	5.96592G	19.16M	5.945525G	5.964685G	Inf	1
23.55M	5.94372G	5.96727G	19.22M	5.945465G	5.964685G	Inf	2

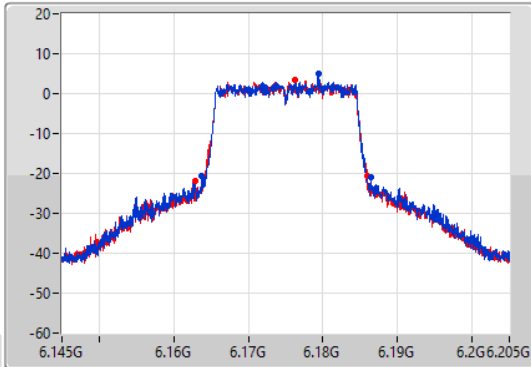
### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

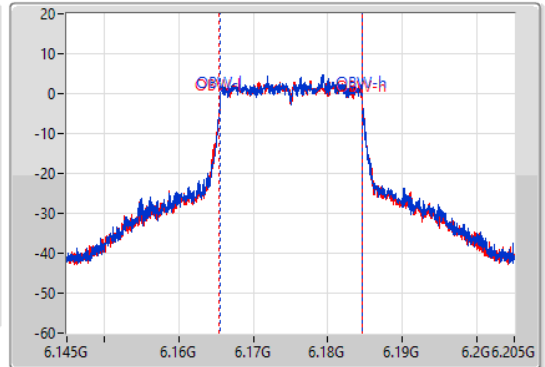
6175MHz

06/09/2022

CF: 6.175GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



CF: 6.175GHz  
 Span: 60MHz  
 RBW: 300kHz  
 VBW: 1MHz  
 Sweep Time: 100ms  
 Detector Type: Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.71M	6.16378G	6.18649G	19.19M	6.165495G	6.184685G	Inf	1
23.16M	6.16282G	6.18598G	19.22M	6.165465G	6.184685G	Inf	2

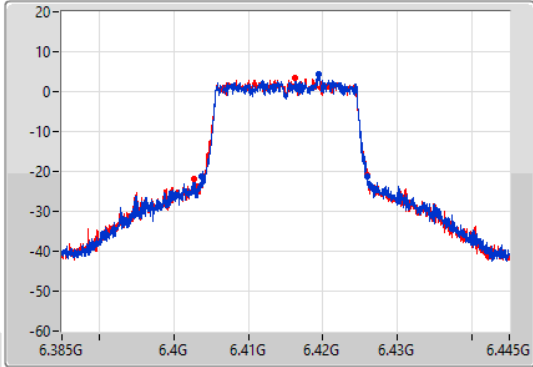
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

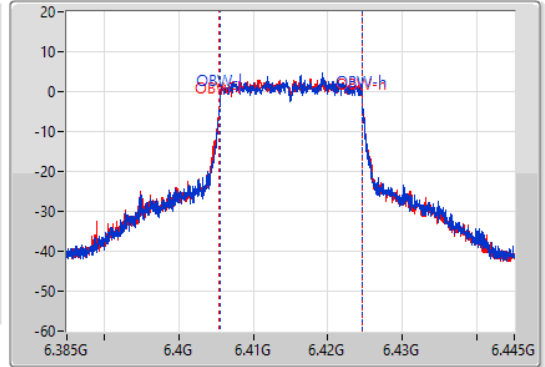
6415MHz

06/09/2022

CF  
6.415GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.415GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.2M	6.40375G	6.42595G	19.19M	6.405495G	6.424685G	Inf	1
23.34M	6.40267G	6.42601G	19.22M	6.405435G	6.424655G	Inf	2

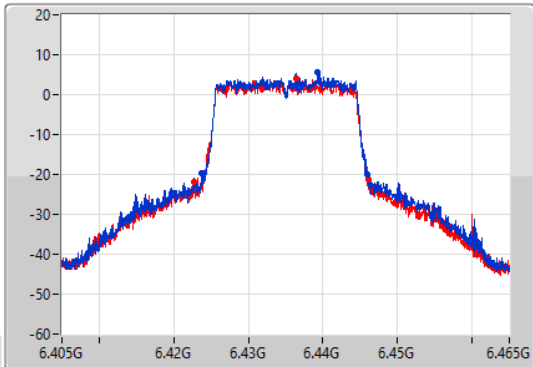
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

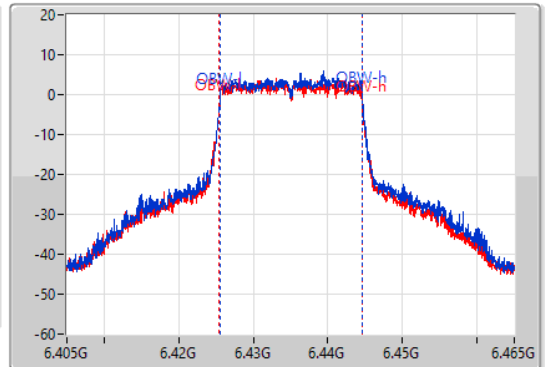
6435MHz

06/09/2022

CF  
6.435GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.435GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



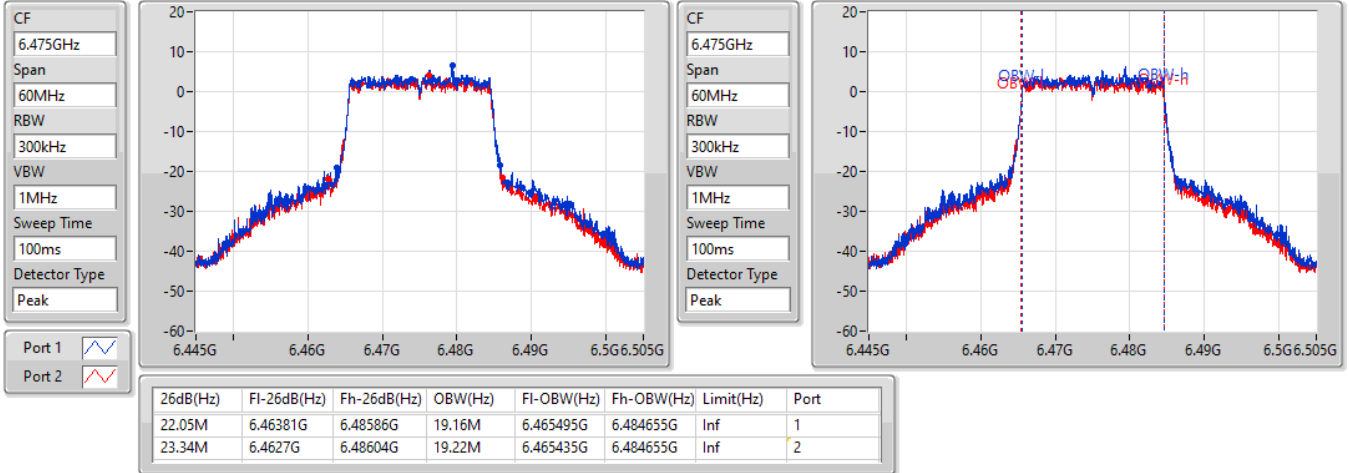
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.14M	6.42378G	6.44592G	19.19M	6.425495G	6.444685G	Inf	1
23.4M	6.42264G	6.44604G	19.22M	6.425435G	6.444655G	Inf	2

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

6475MHz

06/09/2022

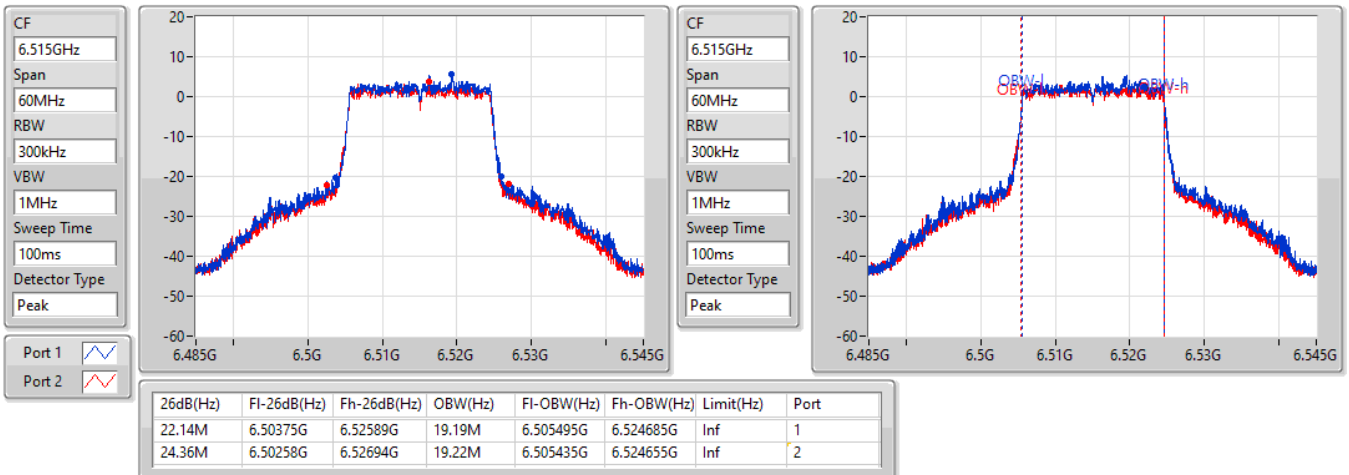


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

6515MHz

06/09/2022



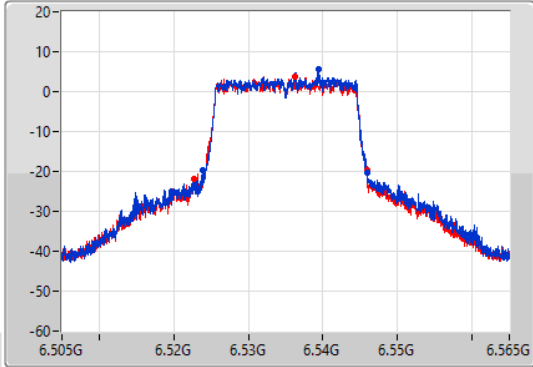
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

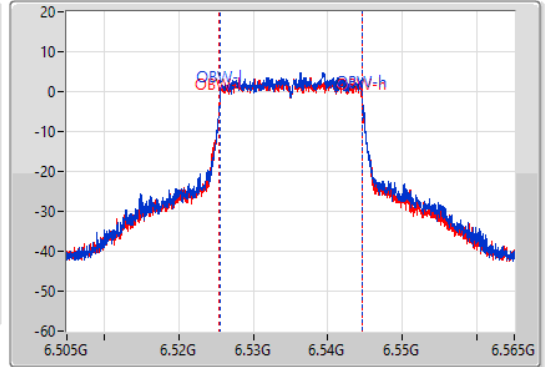
6535MHz

06/09/2022

CF  
6.535GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.535GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.08M	6.52384G	6.54592G	19.19M	6.525495G	6.544685G	Inf	1
23.28M	6.52267G	6.54595G	19.19M	6.525465G	6.544655G	Inf	2

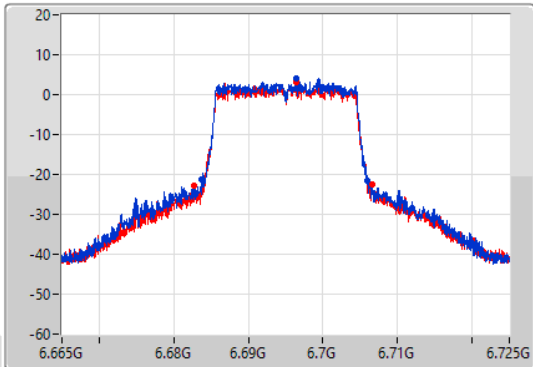
802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

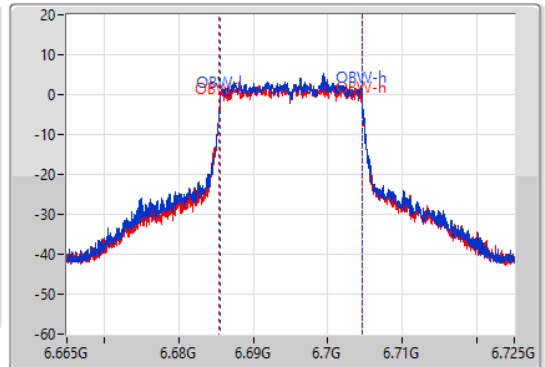
6695MHz

06/09/2022

CF  
6.695GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.695GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



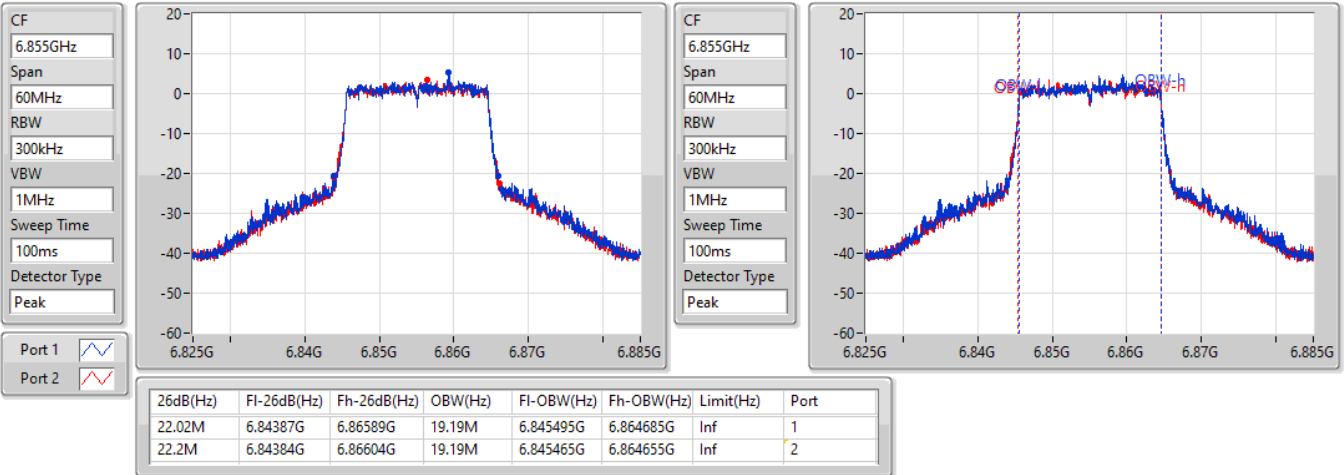
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.23M	6.68375G	6.70598G	19.16M	6.685495G	6.704655G	Inf	1
23.97M	6.68267G	6.70664G	19.19M	6.685465G	6.704655G	Inf	2

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

6855MHz

06/09/2022

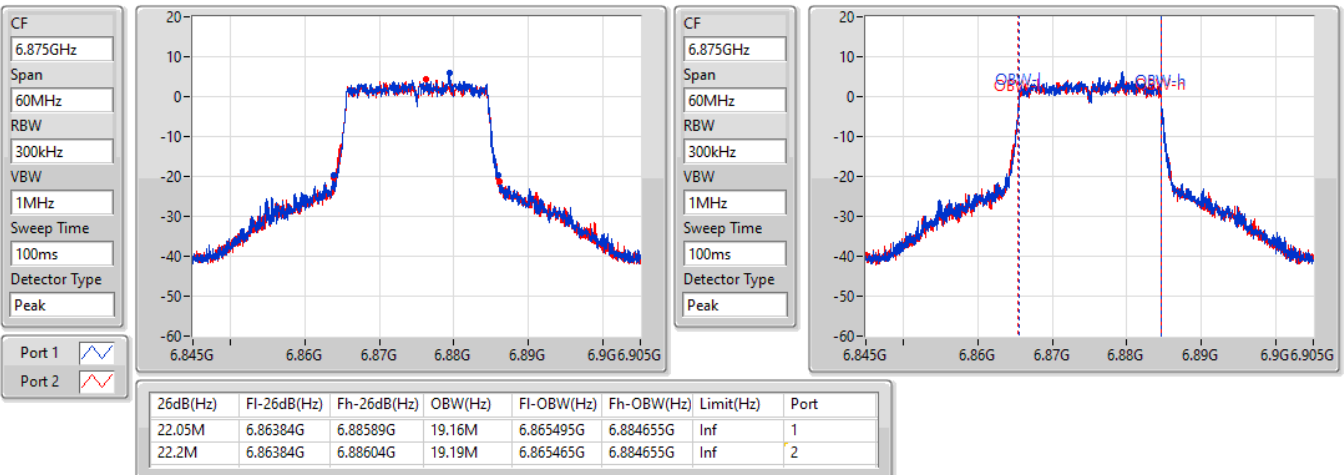


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

6875MHz Straddle 6.525-6.875GHz

06/09/2022

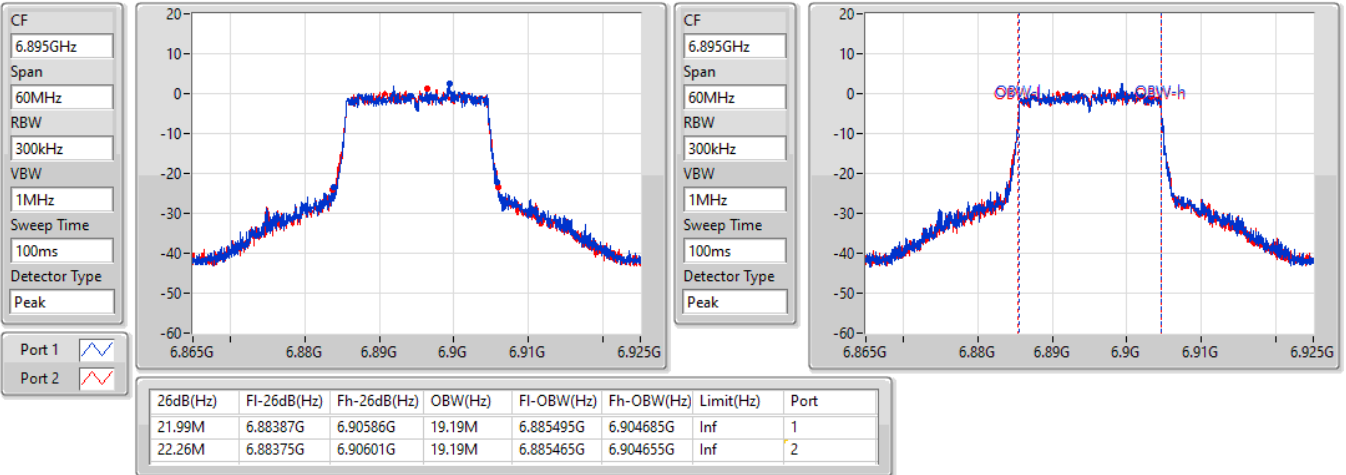


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

6895MHz

06/09/2022

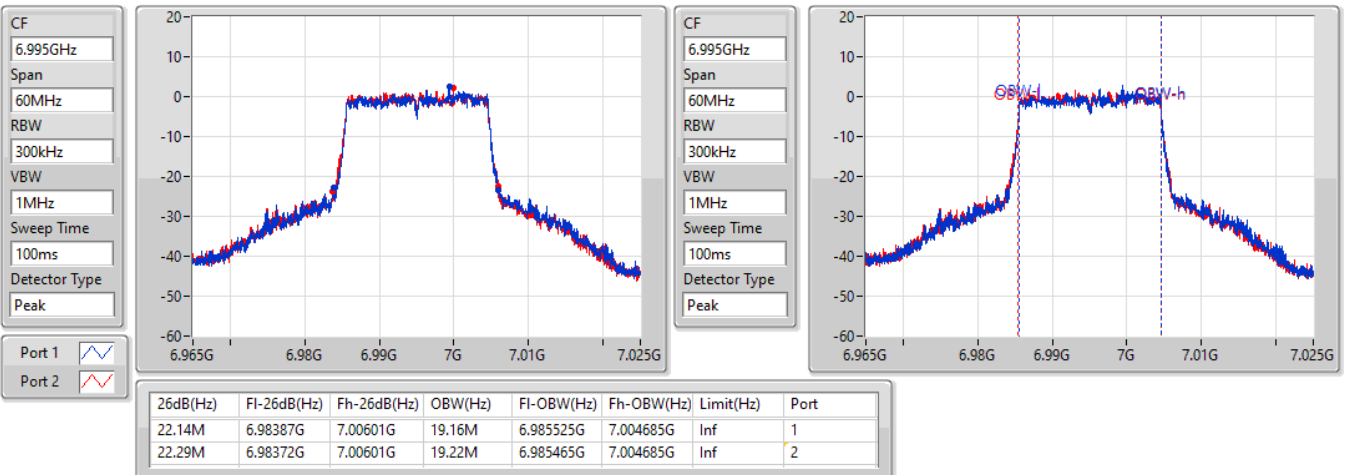


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

6995MHz

06/09/2022



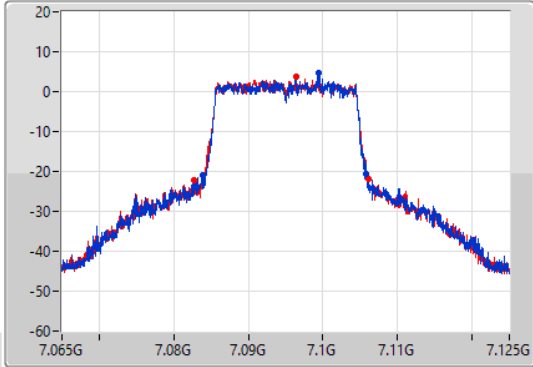
### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

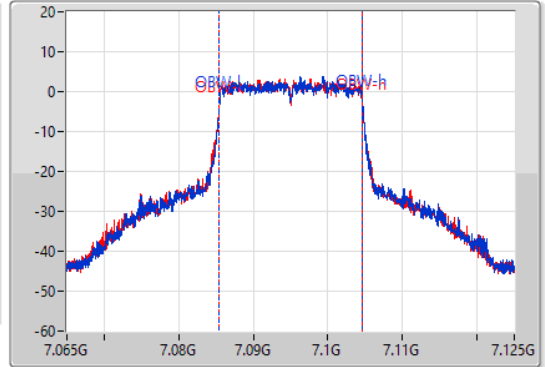
7095MHz

06/09/2022

CF  
7.095GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
7.095GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	7.08381G	7.10586G	19.19M	7.085465G	7.104655G	Inf	1
23.37M	7.08267G	7.10604G	19.22M	7.085405G	7.104625G	Inf	2

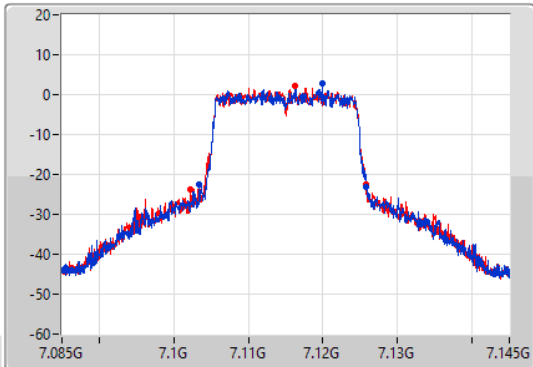
### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

EBW

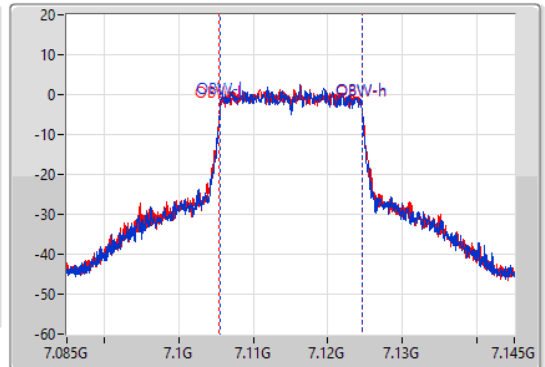
7115MHz

06/09/2022

CF  
7.115GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
7.115GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.41M	7.10345G	7.12586G	19.16M	7.105495G	7.124655G	Inf	1
23.55M	7.10228G	7.12583G	19.19M	7.105435G	7.124625G	Inf	2

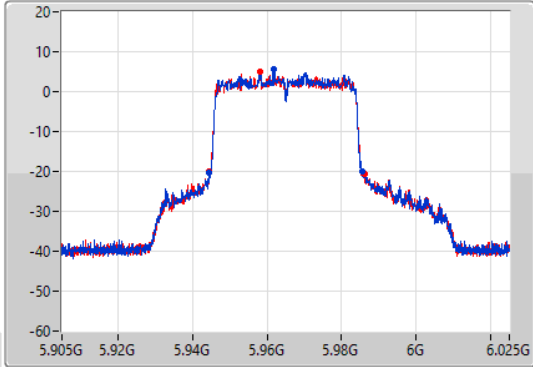
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

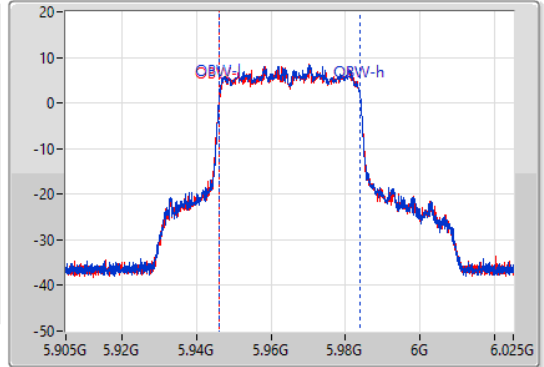
5965MHz

06/09/2022

CF  
5.965GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.965GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.9446G	5.98564G	37.781M	5.946229G	5.98401G	Inf	1
41.82M	5.94448G	5.9863G	37.841M	5.946169G	5.98401G	Inf	2

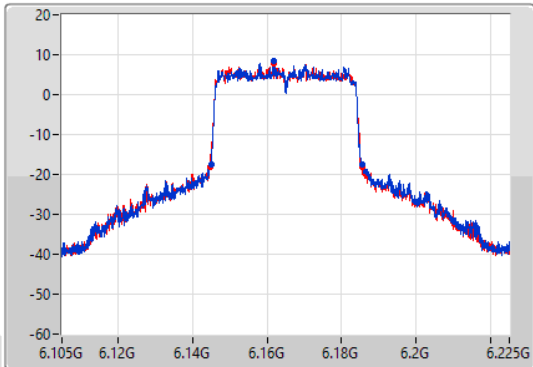
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

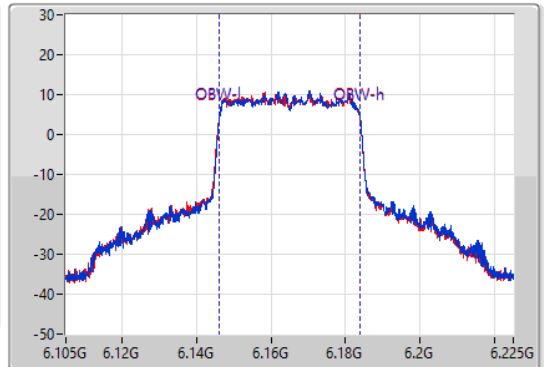
6165MHz

06/09/2022

CF  
6.165GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.165GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	6.14496G	6.1854G	37.901M	6.146109G	6.18401G	Inf	1
40.86M	6.14466G	6.18552G	37.901M	6.146049G	6.183951G	Inf	2

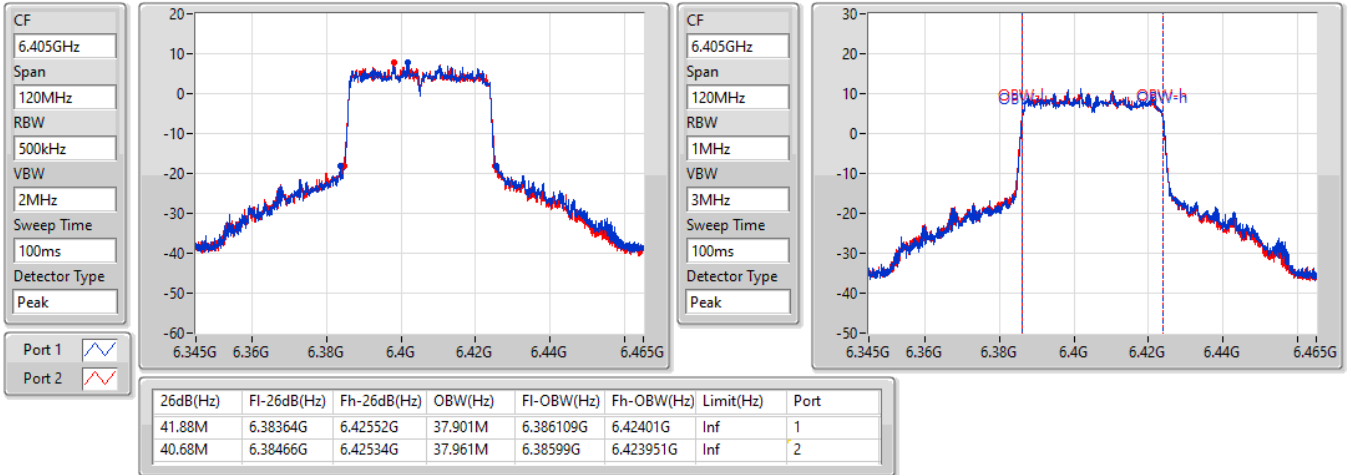


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

6405MHz

06/09/2022

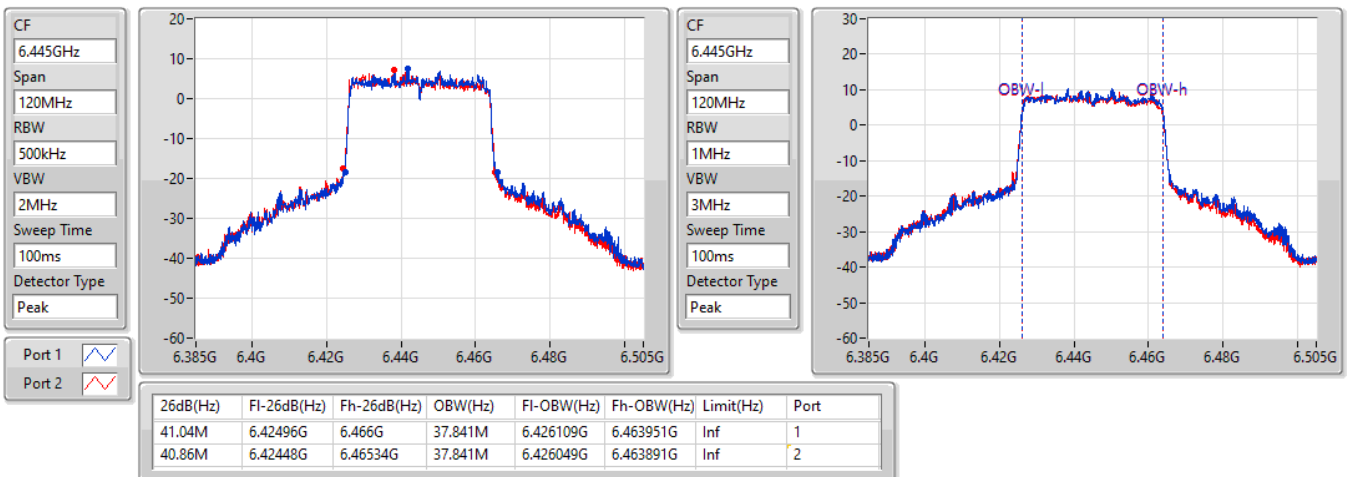


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

6445MHz

06/09/2022

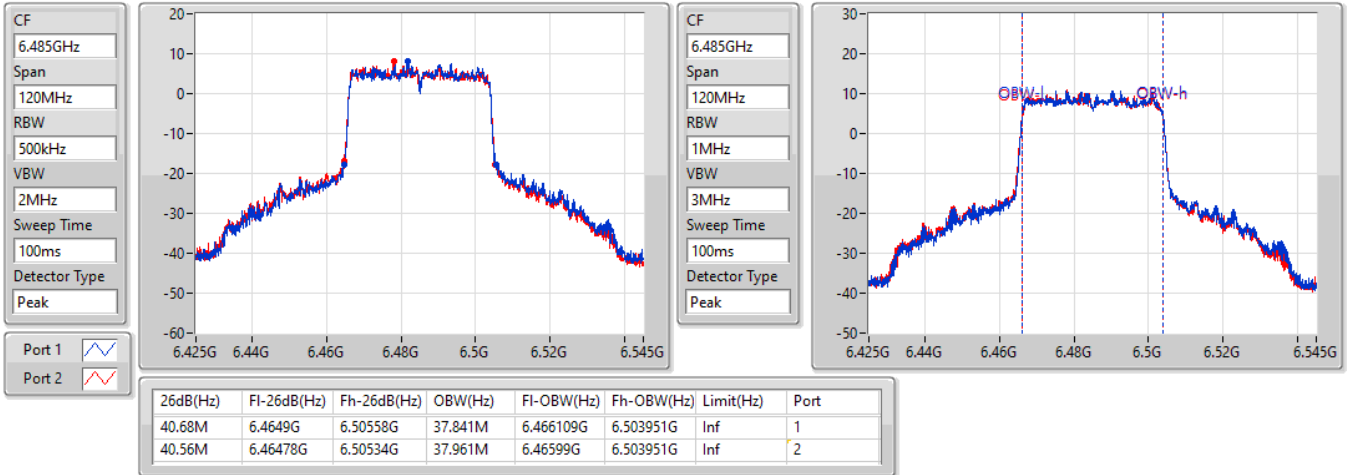


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

6485MHz

06/09/2022

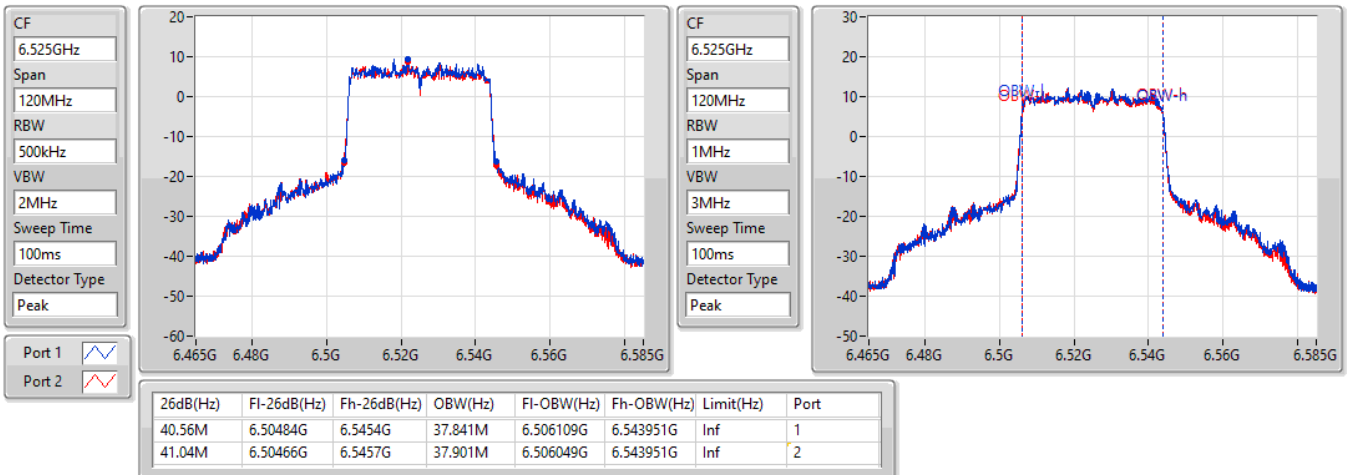


802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

6525MHz Straddle 6.425-6.525GHz

06/09/2022



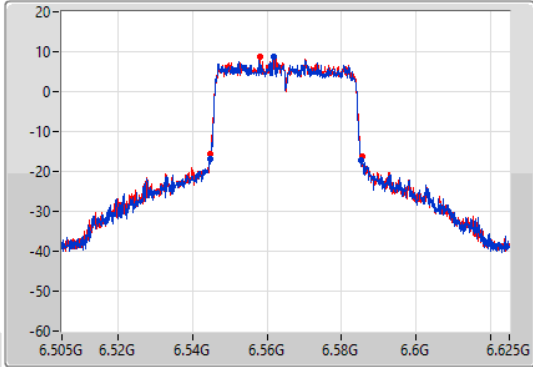
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

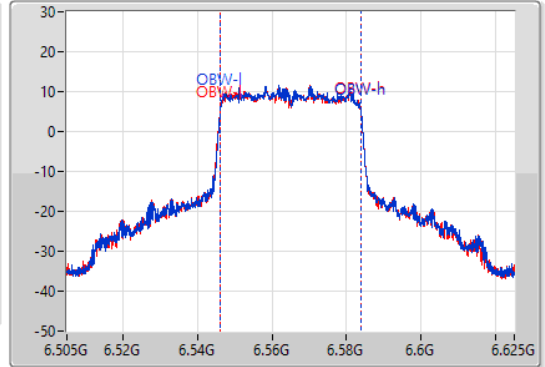
6565MHz

06/09/2022

CF  
6.565GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.565GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	6.5449G	6.58534G	37.841M	6.546109G	6.583951G	Inf	1
40.62M	6.54478G	6.5854G	37.901M	6.546049G	6.583951G	Inf	2

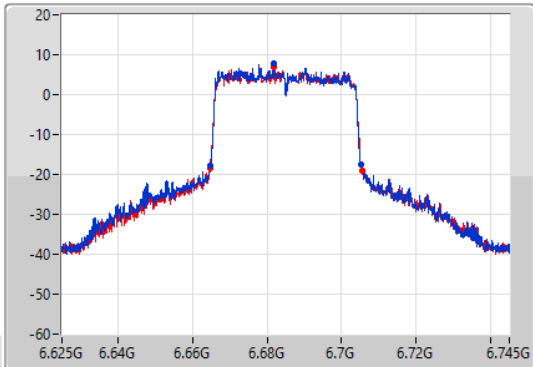
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

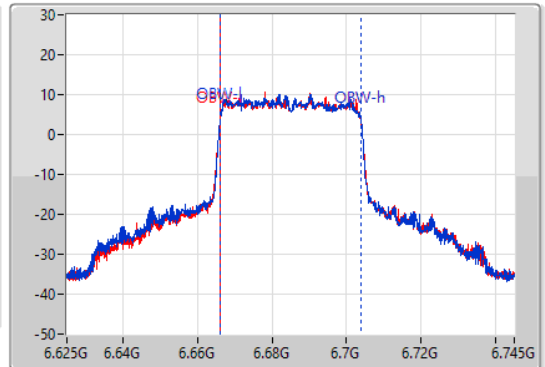
6685MHz

06/09/2022

CF  
6.685GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.685GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	6.66484G	6.70522G	37.901M	6.666049G	6.703951G	Inf	1
40.92M	6.66466G	6.70558G	37.901M	6.666049G	6.703951G	Inf	2

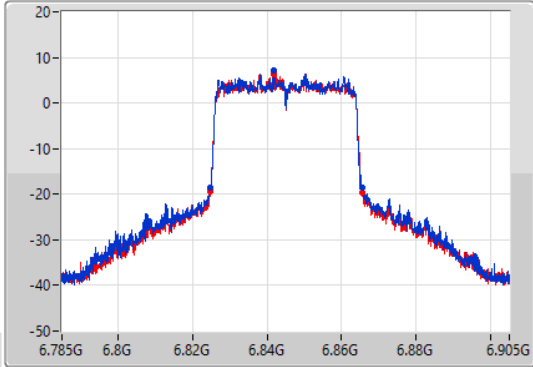
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

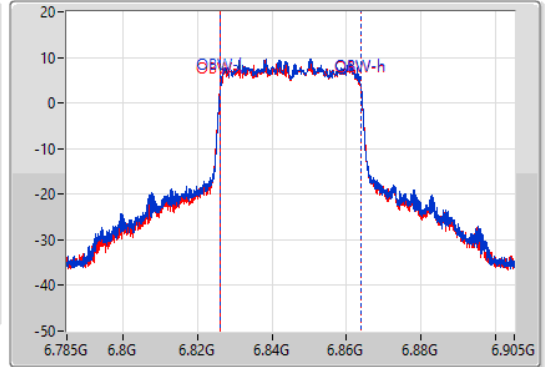
6845MHz

06/09/2022

CF  
6.845GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.845GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	6.8249G	6.8657G	37.901M	6.826109G	6.86401G	Inf	1
40.8M	6.82472G	6.86552G	37.961M	6.826049G	6.86401G	Inf	2

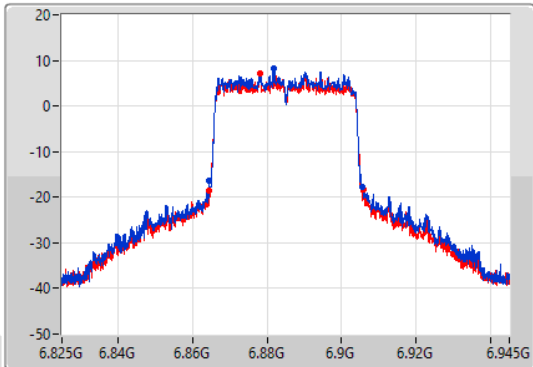
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

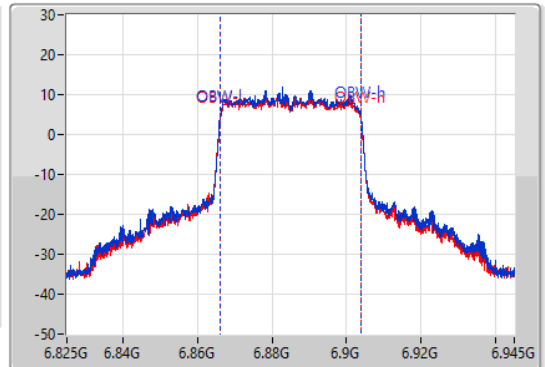
6885MHz Straddle 6.525-6.875GHz

06/09/2022

CF  
6.885GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.885GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	6.8646G	6.90558G	37.841M	6.866109G	6.903951G	Inf	1
41.28M	6.86448G	6.90576G	37.901M	6.866049G	6.903951G	Inf	2

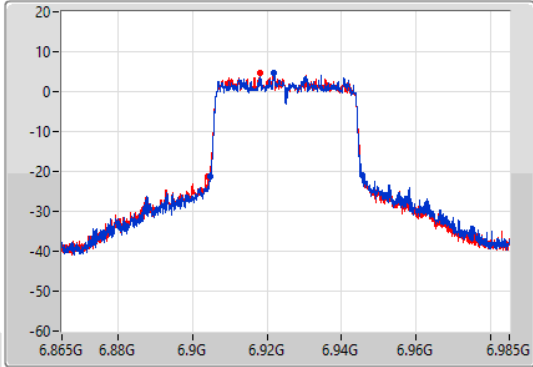
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

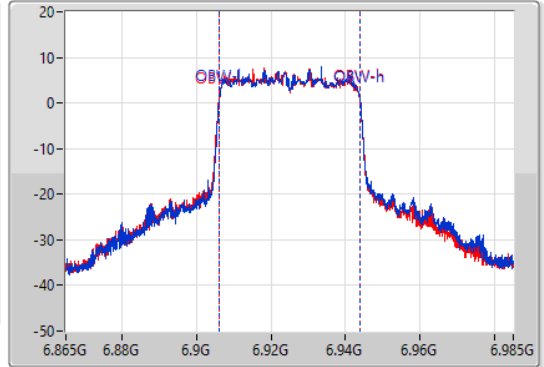
6925MHz

06/09/2022

CF  
6.925GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.925GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	6.9049G	6.94564G	37.901M	6.906109G	6.94401G	Inf	1
41.16M	6.90424G	6.9454G	37.961M	6.90599G	6.943951G	Inf	2

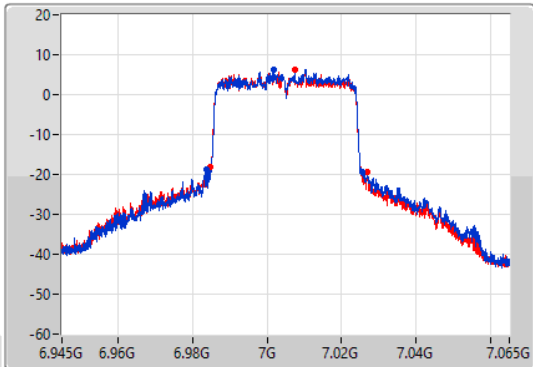
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

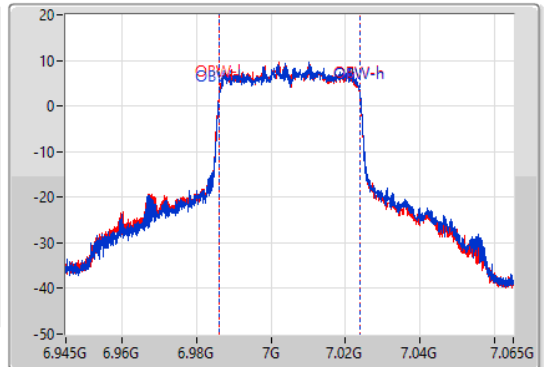
7005MHz

06/09/2022

CF  
7.005GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
7.005GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.88M	6.9837G	7.02558G	37.901M	6.986109G	7.02401G	Inf	1
42.06M	6.98478G	7.02684G	37.901M	6.986049G	7.023951G	Inf	2

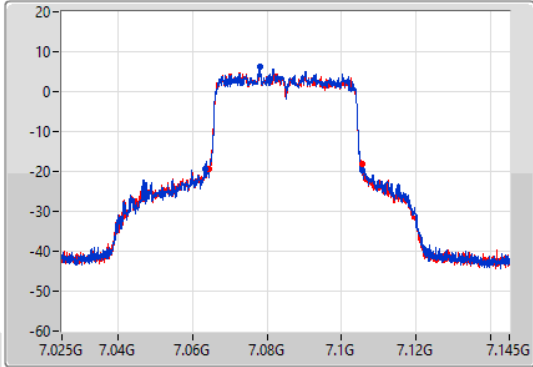
802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

EBW

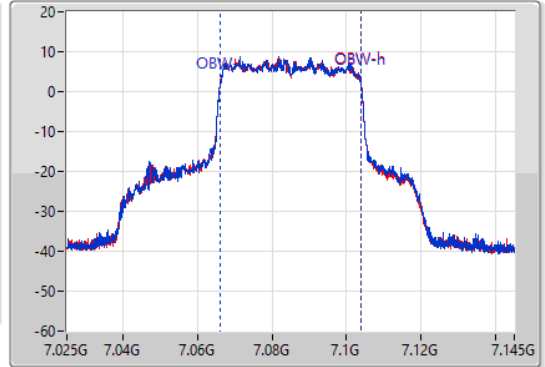
7085MHz

06/09/2022

CF  
7.085GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
7.085GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.06M	7.06346G	7.10552G	37.961M	7.06599G	7.103951G	Inf	1
40.98M	7.06448G	7.10546G	37.961M	7.06599G	7.103951G	Inf	2

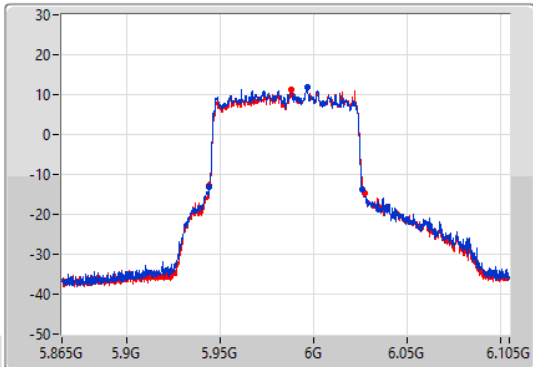
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

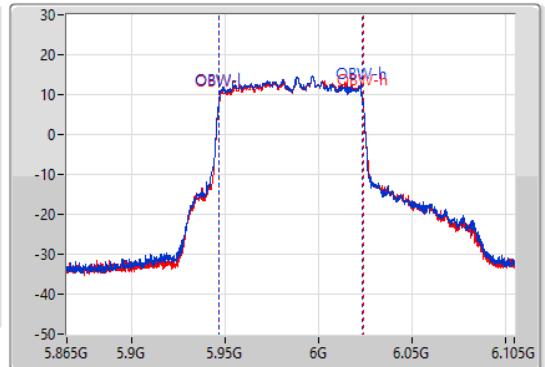
5985MHz

06/09/2022

CF  
5.985GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.985GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



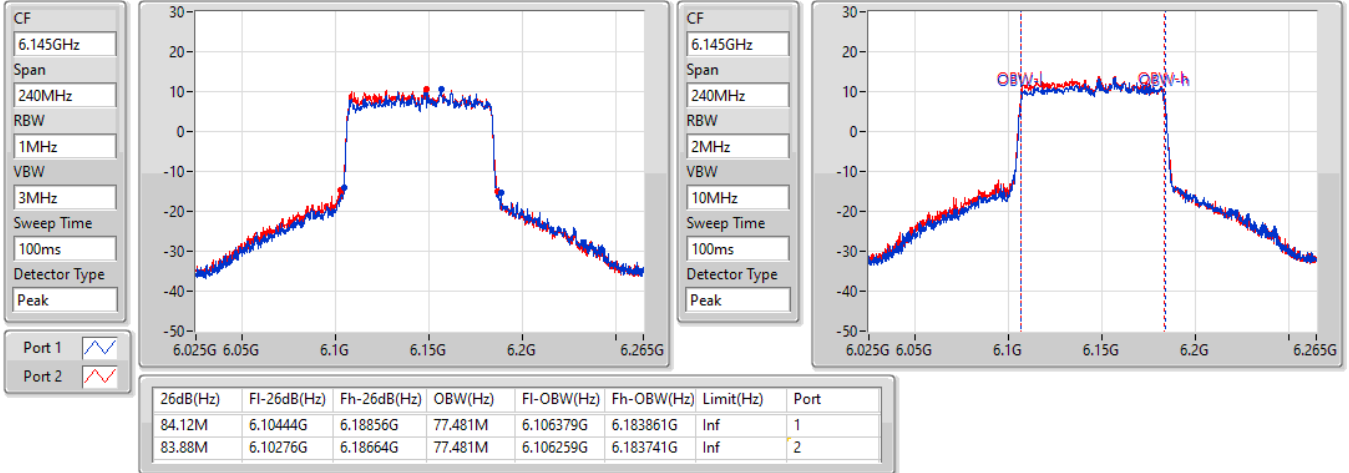
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.94372G	6.02616G	77.241M	5.946499G	6.023741G	Inf	1
83.4M	5.94408G	6.02748G	77.241M	5.946619G	6.023861G	Inf	2

802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

6145MHz

06/09/2022

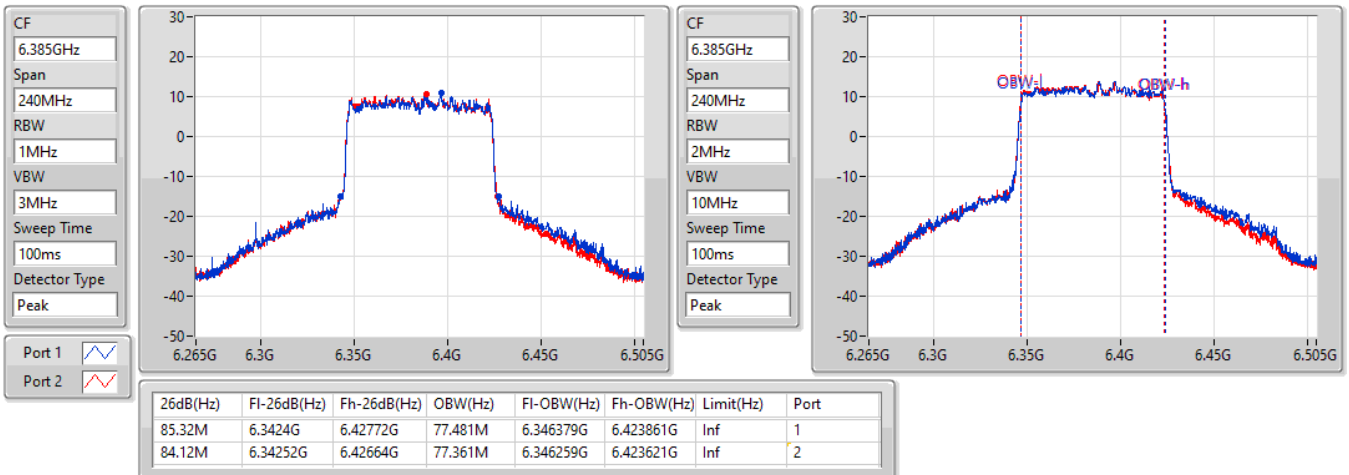


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

6385MHz

06/09/2022

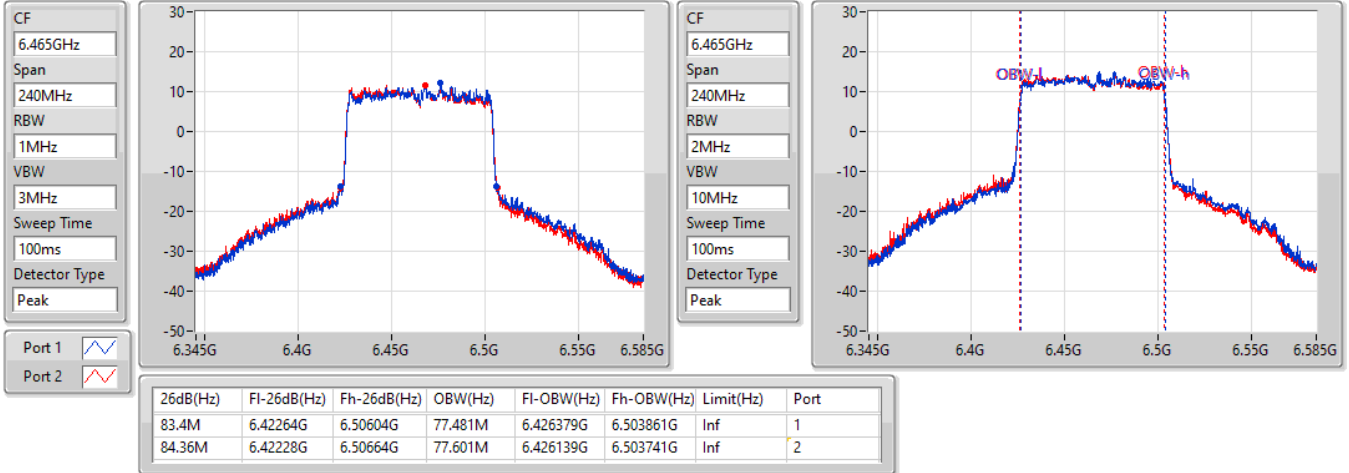


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

6465MHz

06/09/2022

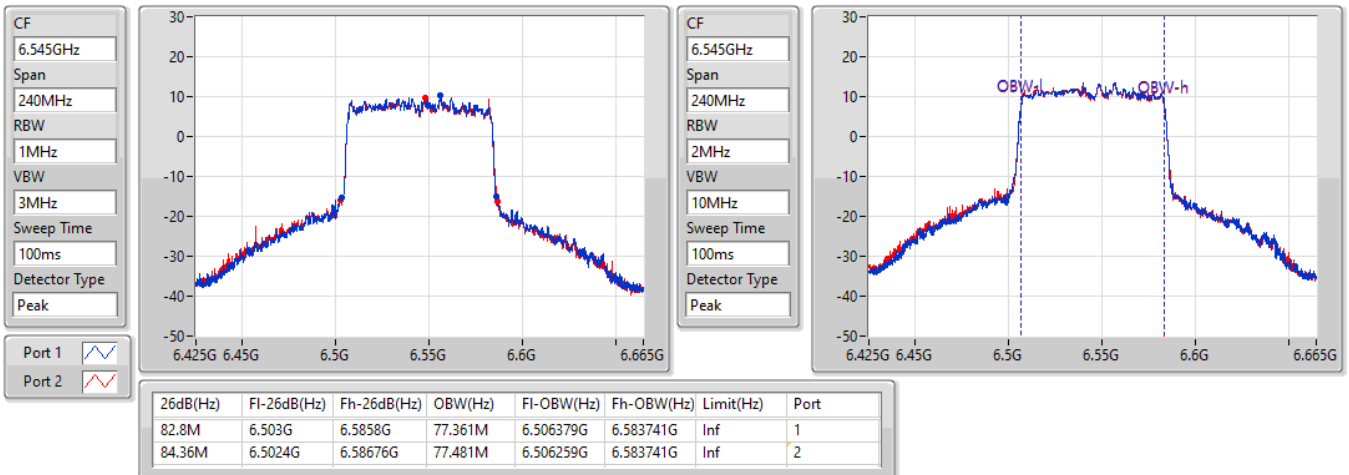


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

6545MHz Straddle 6.425-6.525GHz

06/09/2022





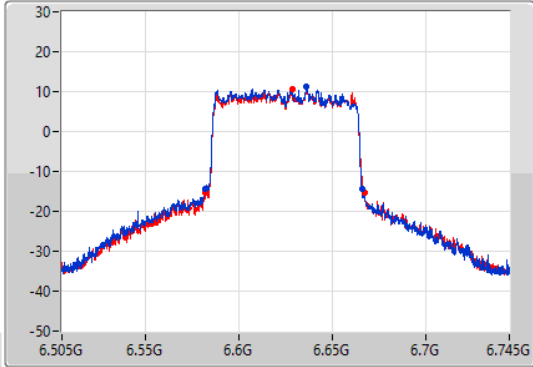
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

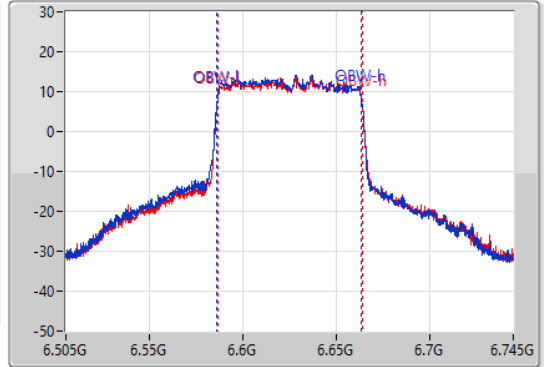
6625MHz

06/09/2022

CF  
6.625GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.625GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.88M	6.58216G	6.66604G	77.481M	6.586139G	6.663621G	Inf	1
85.08M	6.58216G	6.66724G	77.601M	6.586259G	6.663861G	Inf	2

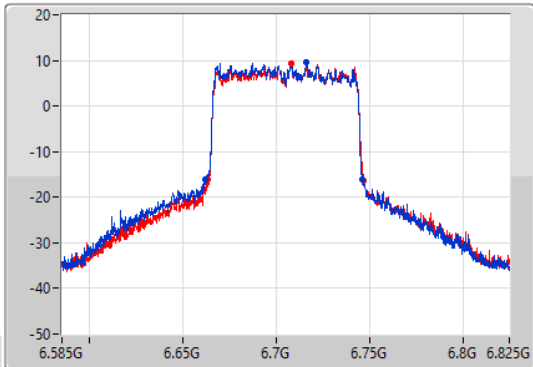
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

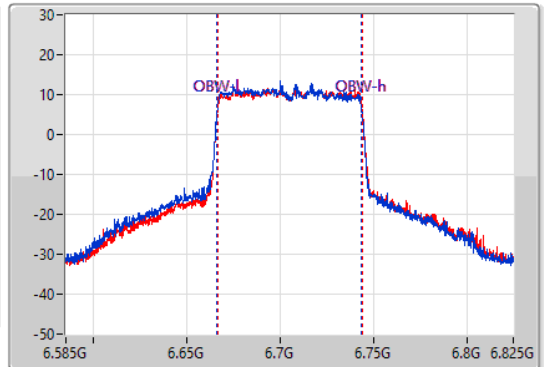
6705MHz

06/09/2022

CF  
6.705GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.705GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



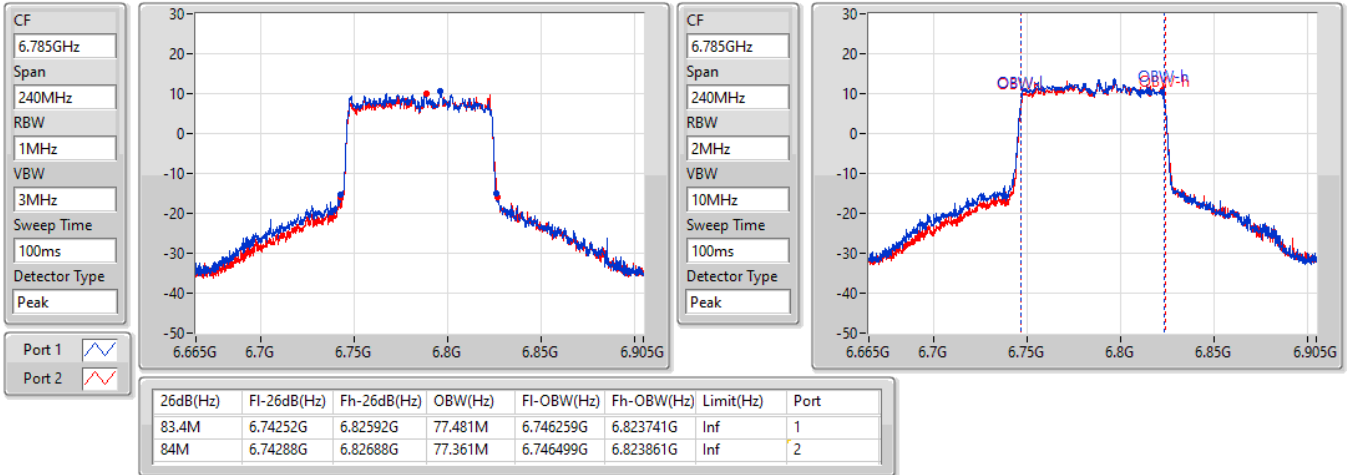
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.88M	6.66216G	6.74604G	77.601M	6.666139G	6.743741G	Inf	1
83.28M	6.66348G	6.74676G	77.601M	6.666379G	6.743981G	Inf	2

802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

6785MHz

06/09/2022

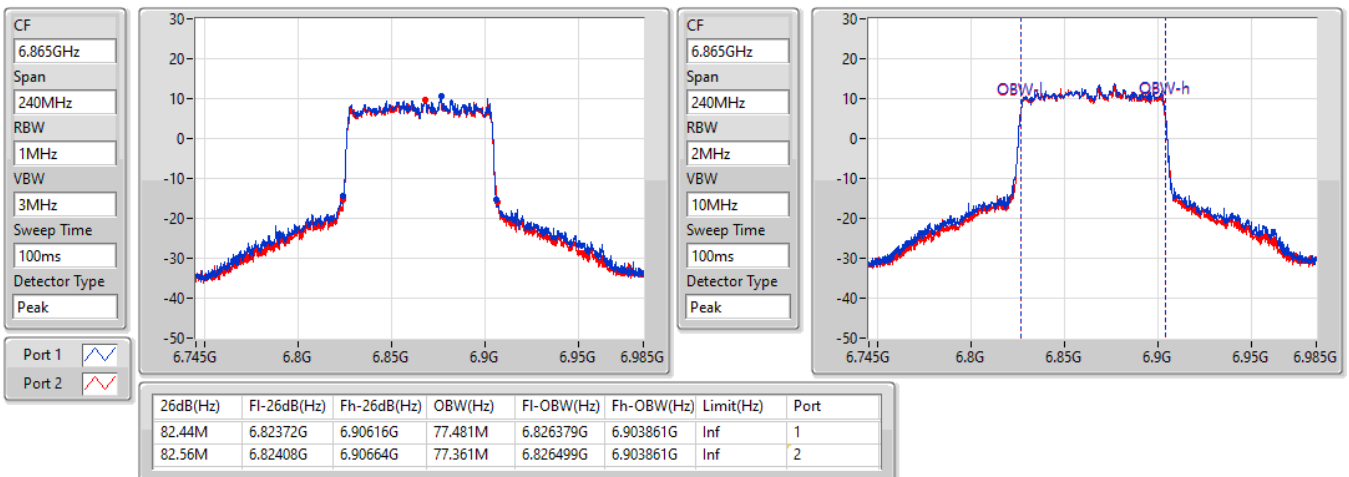


802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

6865MHz Straddle 6.525-6.875GHz

06/09/2022



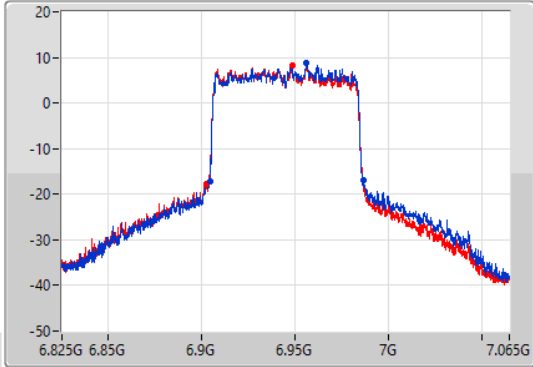
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

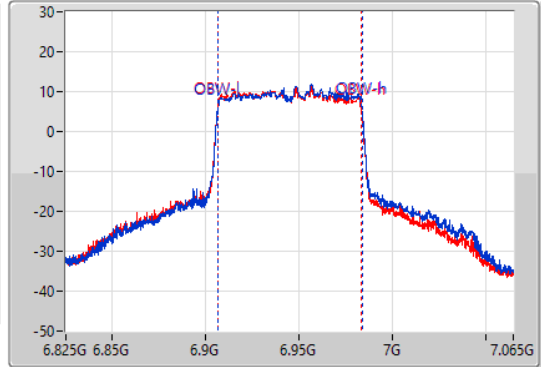
6945MHz

06/09/2022

CF  
6.945GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.945GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	6.90432G	6.98664G	77.601M	6.906379G	6.983981G	Inf	1
84.36M	6.9024G	6.98676G	77.481M	6.906259G	6.983741G	Inf	2

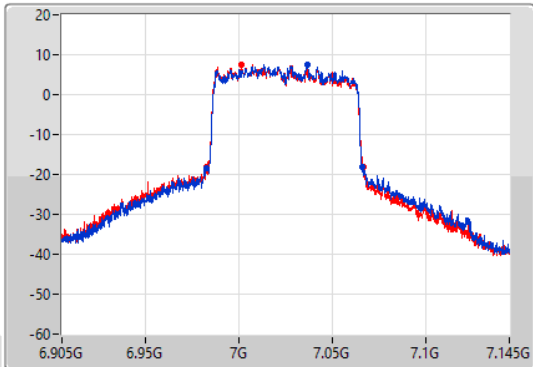
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

EBW

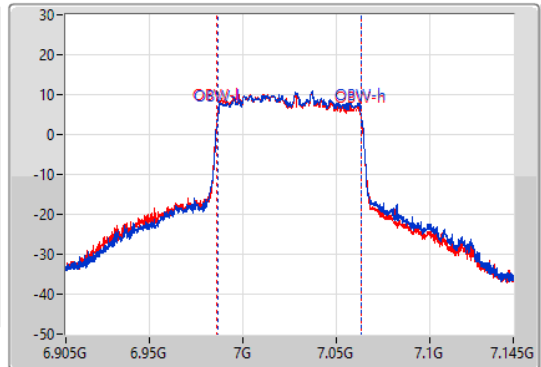
7025MHz

06/09/2022

CF  
7.025GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
7.025GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



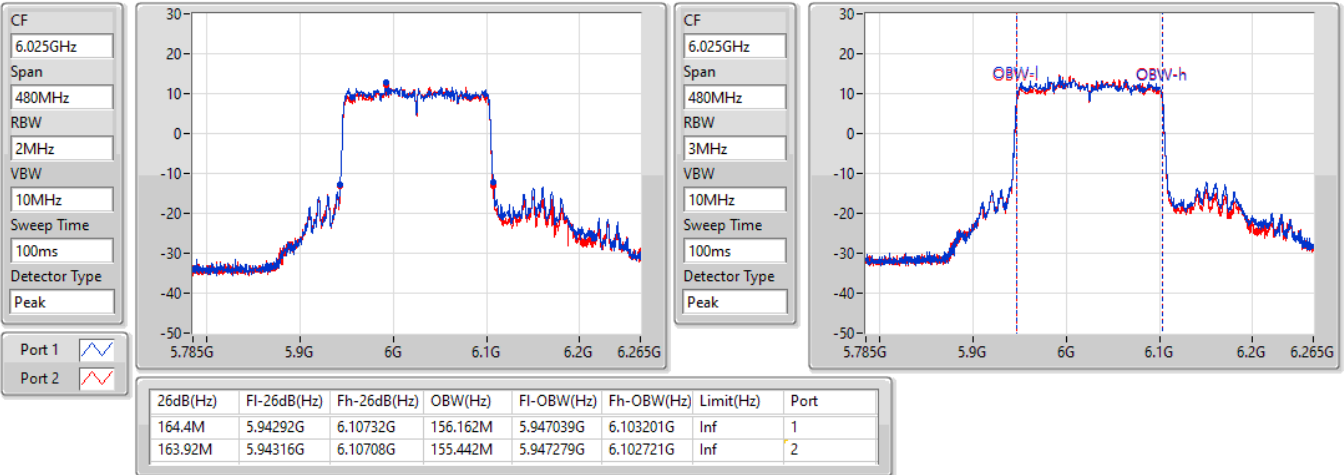
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.64M	6.9824G	7.06604G	77.481M	6.986259G	7.063741G	Inf	1
84.6M	6.9824G	7.067G	77.481M	6.986139G	7.063621G	Inf	2

802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

6025MHz

06/09/2022

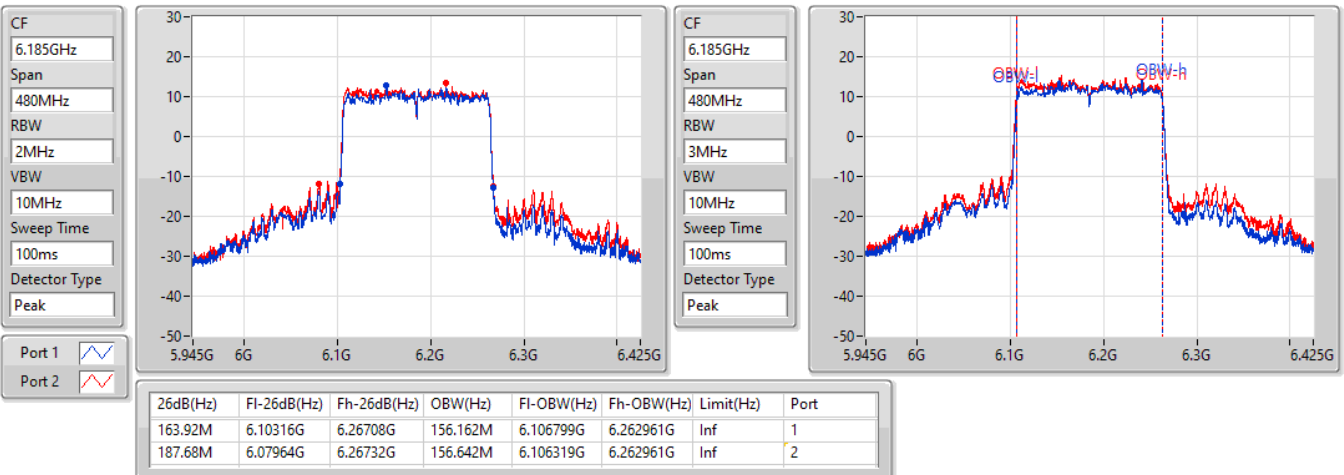


802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

6185MHz

06/09/2022



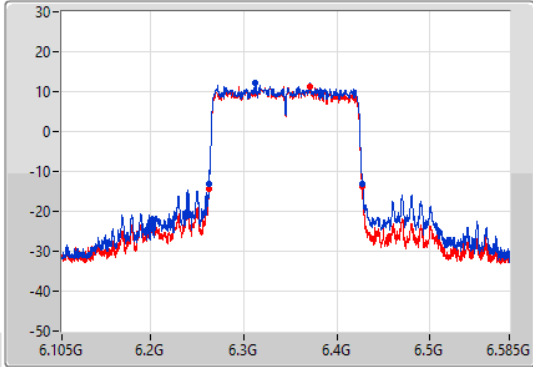
802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

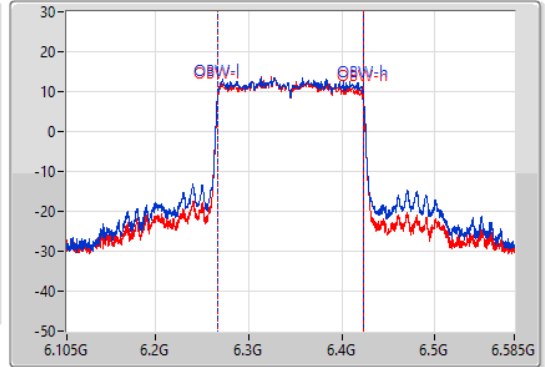
6345MHz

06/09/2022

CF  
6.345GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.345GHz  
Span  
480MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.16M	6.26316G	6.42732G	156.162M	6.266799G	6.422961G	Inf	1
164.4M	6.26268G	6.42708G	155.922M	6.266799G	6.422721G	Inf	2

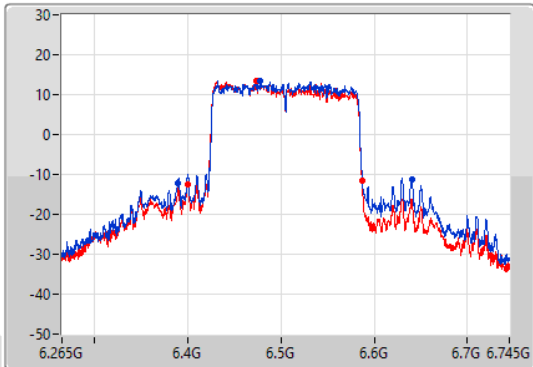
802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

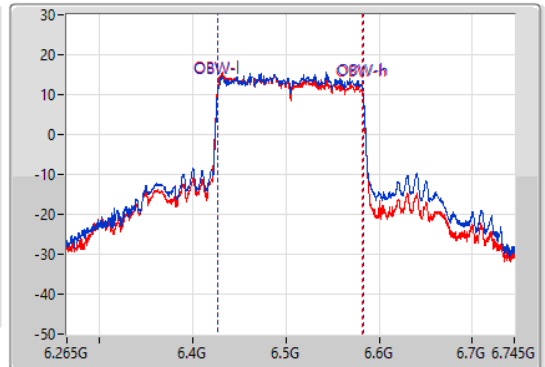
6505MHz Straddle 6.425-6.525GHz

06/09/2022

CF  
6.505GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.505GHz  
Span  
480MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
251.76M	6.38908G	6.64084G	156.402M	6.426559G	6.582961G	Inf	1
187.2M	6.39964G	6.58684G	156.162M	6.426319G	6.582481G	Inf	2

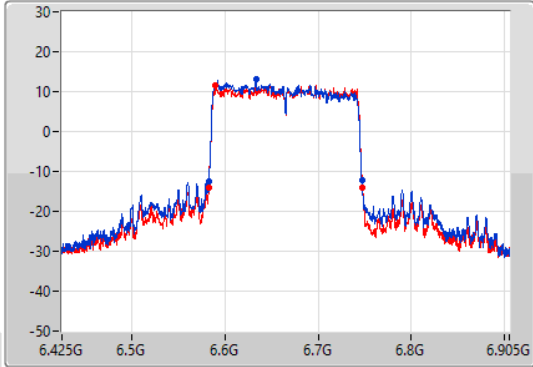
802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

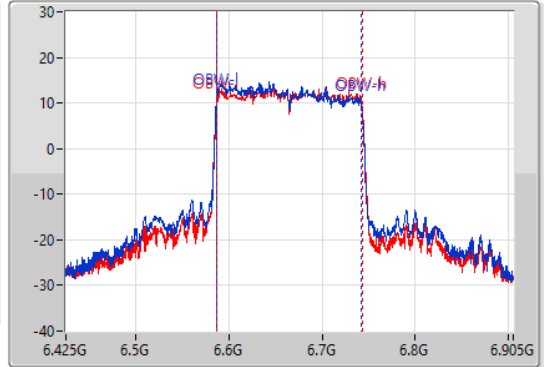
6665MHz

06/09/2022

CF  
6.665GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.665GHz  
Span  
480MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.4M	6.58244G	6.74684G	156.162M	6.586319G	6.742481G	Inf	1
165.12M	6.58244G	6.74756G	156.402M	6.586559G	6.742961G	Inf	2

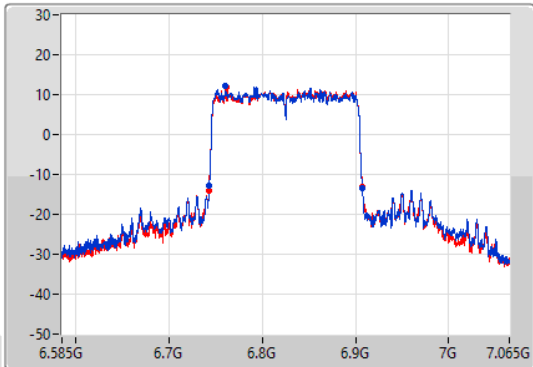
802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

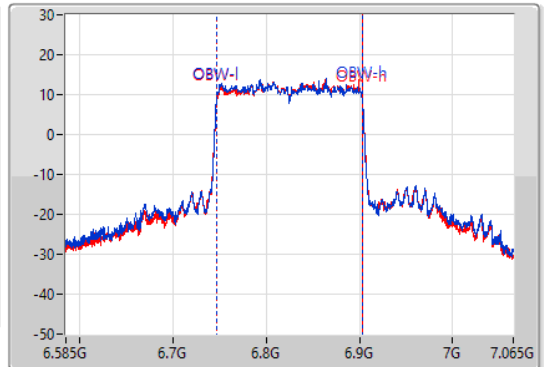
6825MHz Straddle 6.525-6.875GHz

06/09/2022

CF  
6.825GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
6.825GHz  
Span  
480MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak




26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.16M	6.74316G	6.90732G	156.162M	6.746799G	6.902961G	Inf	1
164.64M	6.74268G	6.90732G	155.922M	6.747039G	6.902961G	Inf	2

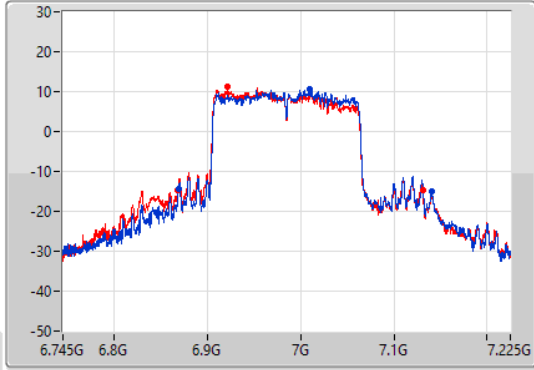
802.11ax HEW160-BF\_Nss1,(MCS0)\_2TX

EBW

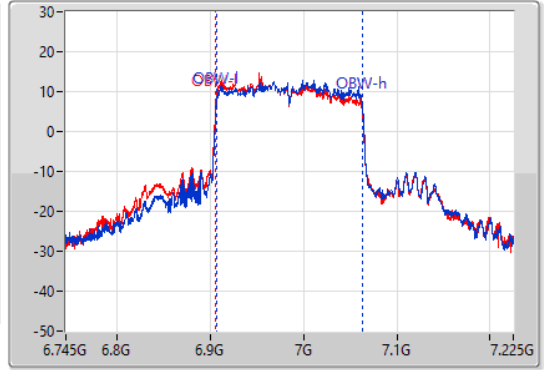
6985MHz

06/09/2022

CF  
6.985GHz  
Span  
480MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak  
Port 1   
Port 2 



CF  
6.985GHz  
Span  
480MHz  
RBW  
3MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
272.16M	6.86884G	7.141G	156.642M	6.906559G	7.063201G	Inf	1
263.04M	6.86812G	7.13116G	156.882M	6.90584G	7.062721G	Inf	2



Summary

Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.59	0.04560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.49	0.11194
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.44	0.27797
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	26.97	0.49774
6.425-6.525GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.88	0.04875
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.80	0.09550
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.35	0.21627
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	25.89	0.38815
6.525-6.875GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.73	0.04710
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.34	0.10814
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.22	0.26424
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	26.97	0.49774
6.875-7.125GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.28	0.05346
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.03	0.10069
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.50	0.14125
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	25.76	0.37670

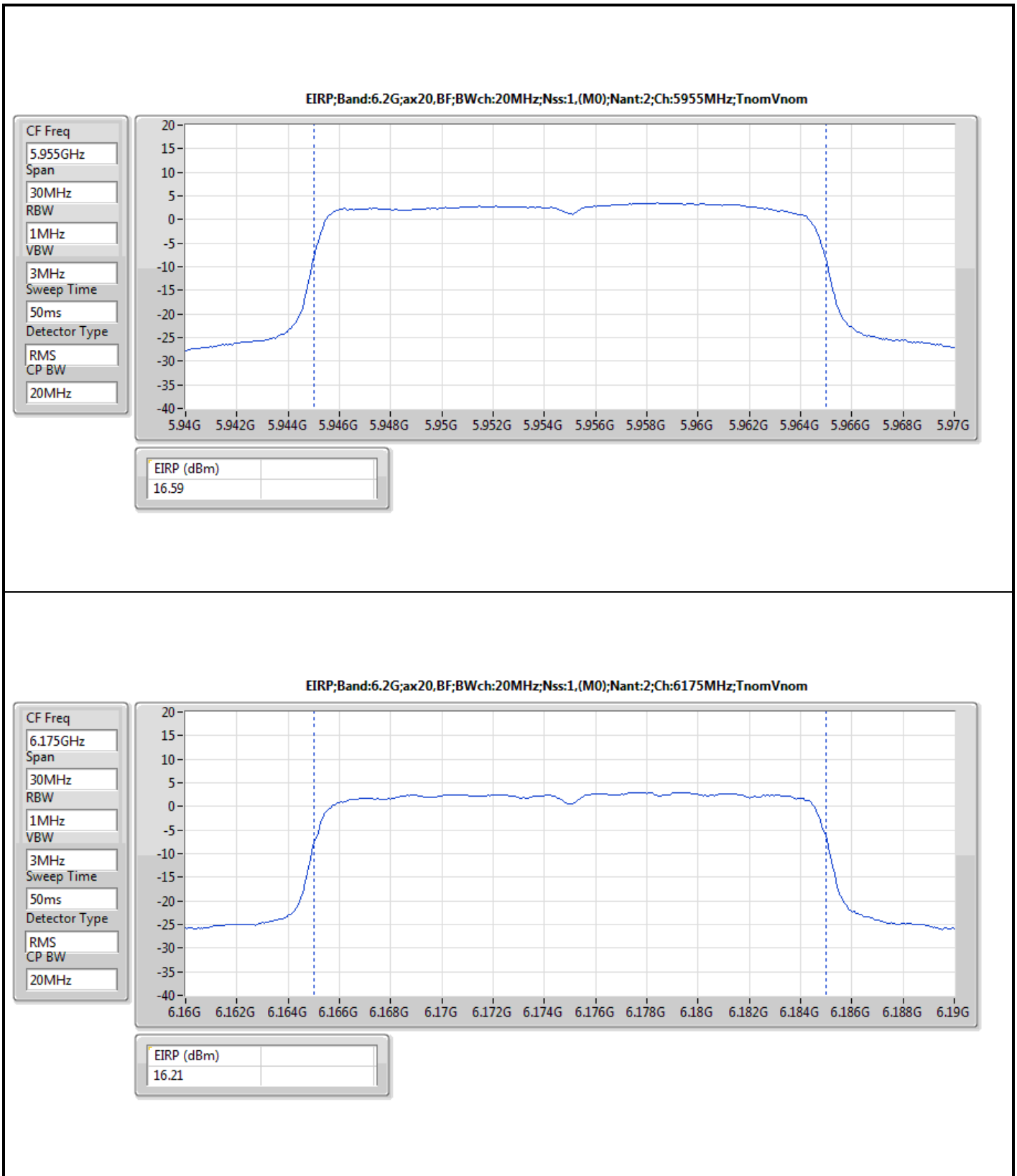


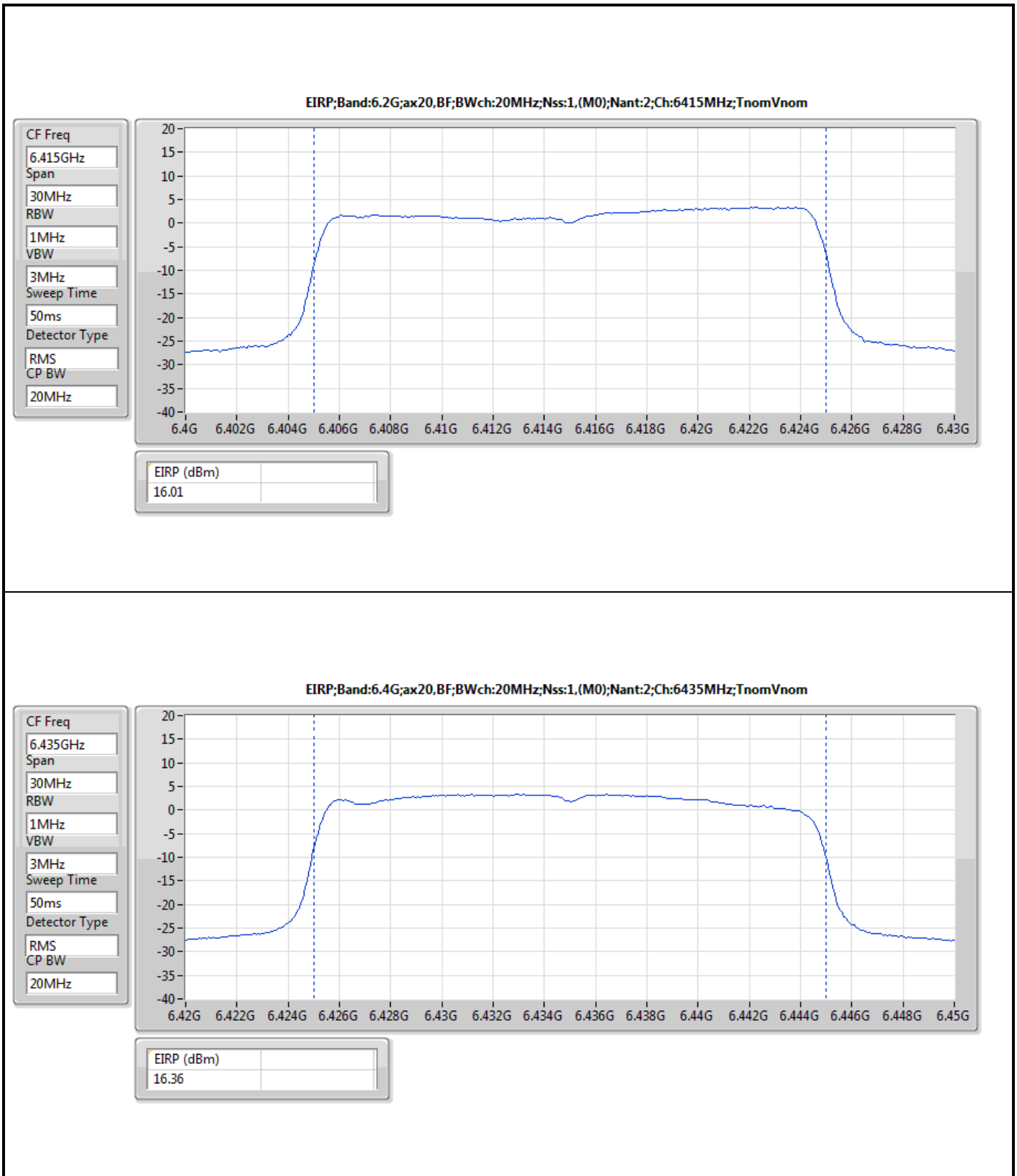


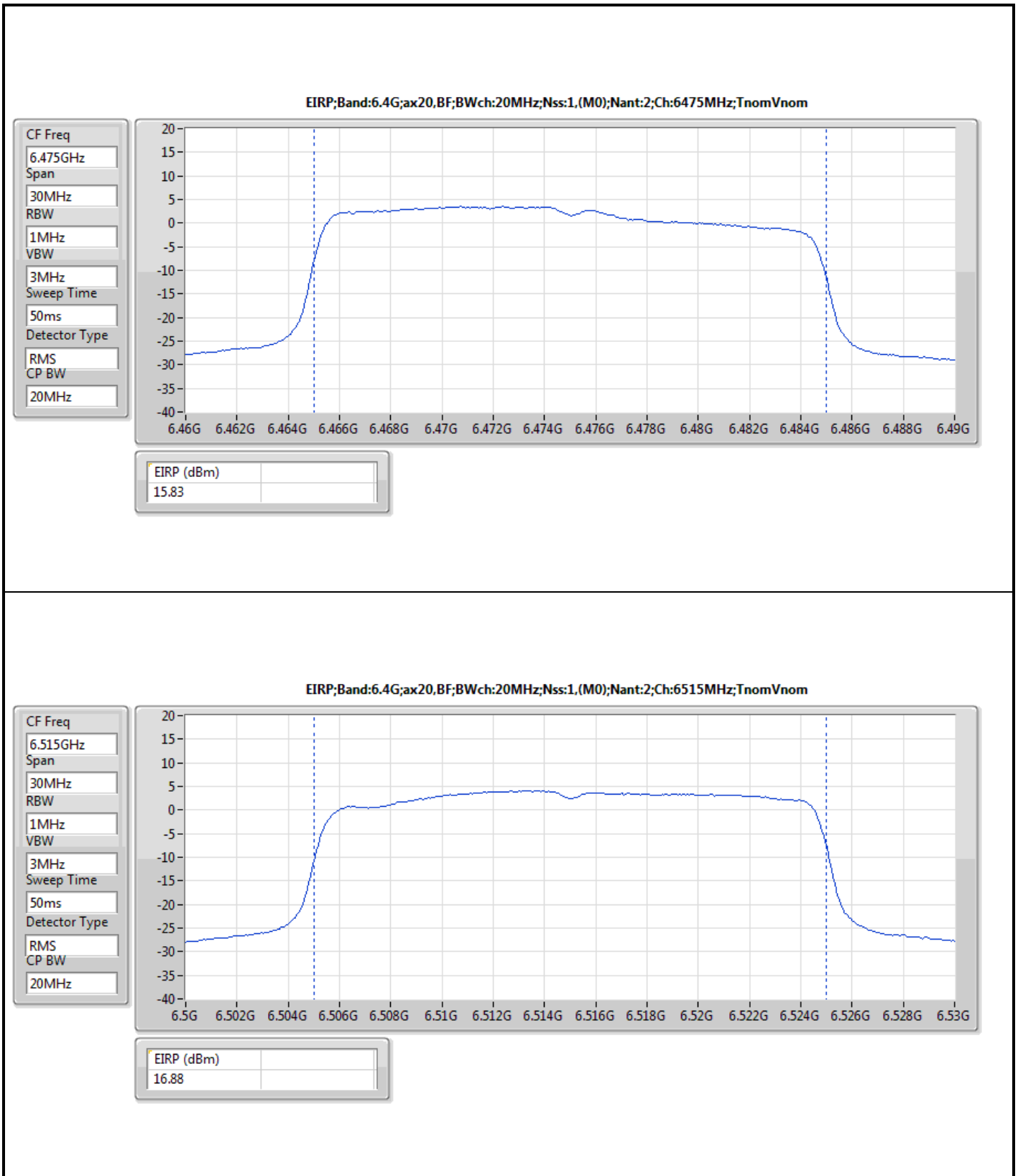
Result

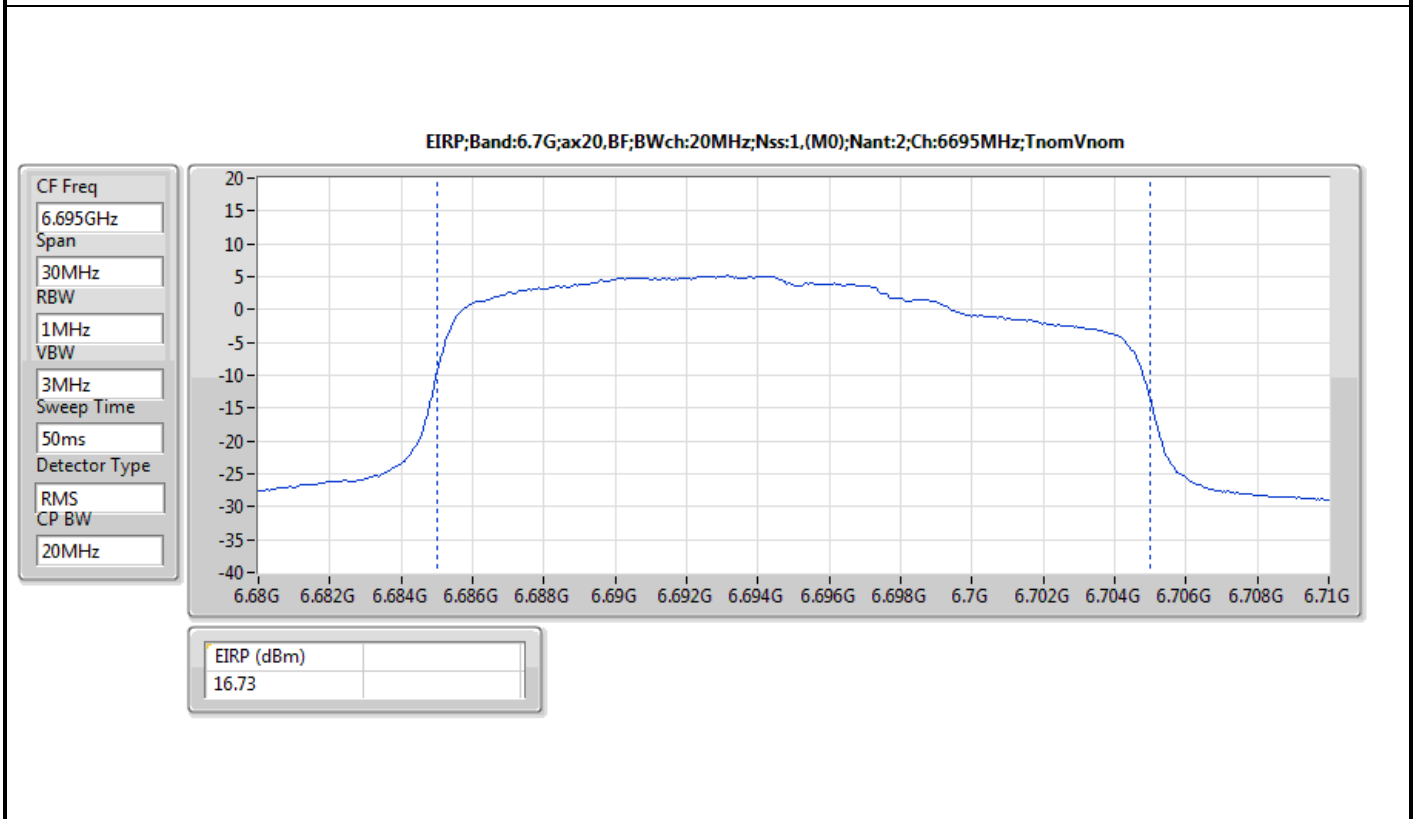
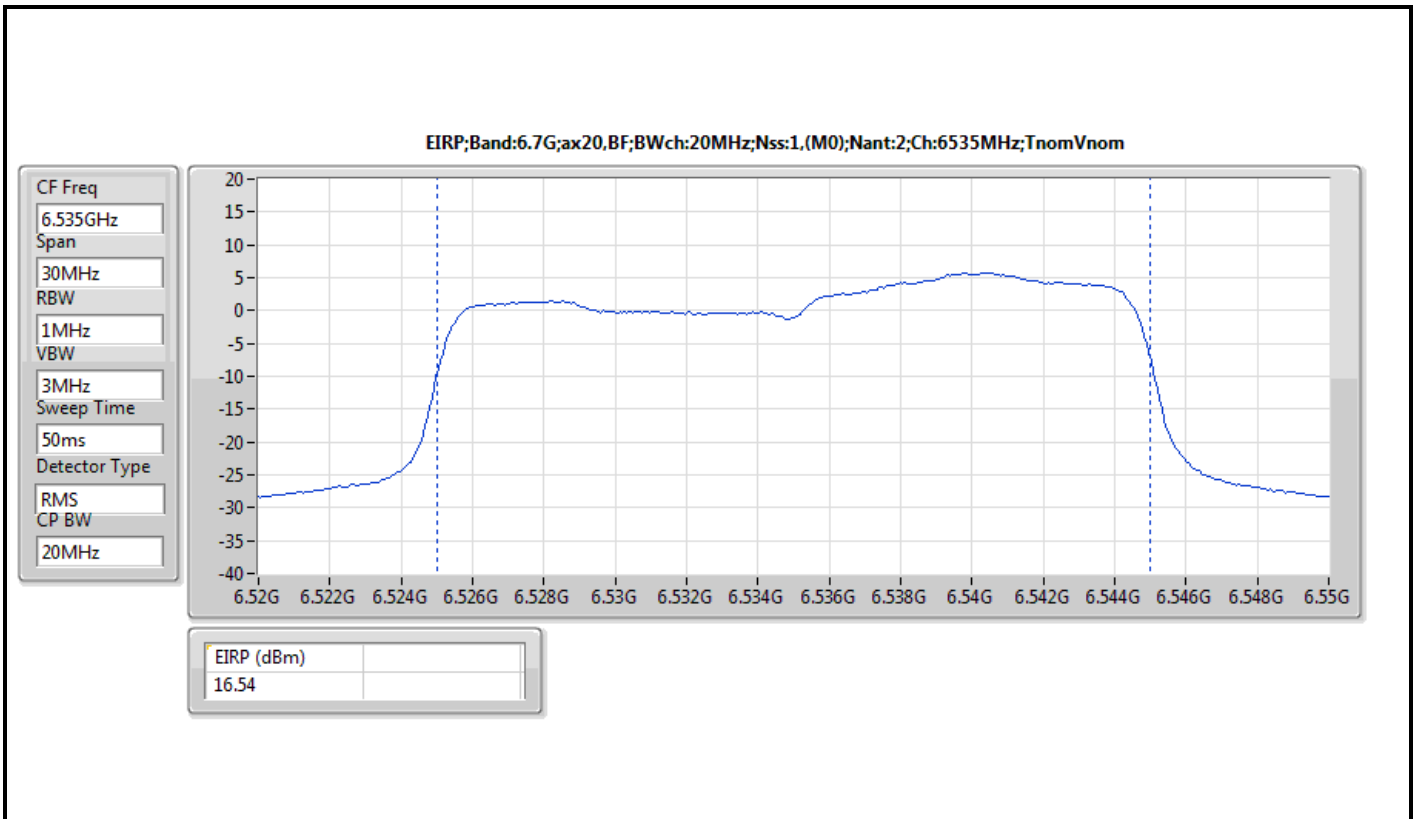
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	16.59	30.00
6175MHz	Pass	16.21	30.00
6415MHz	Pass	16.01	30.00
6435MHz	Pass	16.36	30.00
6475MHz	Pass	15.83	30.00
6515MHz	Pass	16.88	30.00
6535MHz	Pass	16.54	30.00
6695MHz	Pass	16.73	30.00
6855MHz	Pass	16.32	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	16.50	30.00
6895MHz	Pass	15.47	30.00
6995MHz	Pass	17.28	30.00
7095MHz	Pass	16.51	30.00
7115MHz	Pass	14.50	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	18.42	30.00
6165MHz	Pass	20.49	30.00
6405MHz	Pass	19.67	30.00
6445MHz	Pass	18.53	30.00
6485MHz	Pass	19.03	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	19.80	30.00
6565MHz	Pass	20.26	30.00
6685MHz	Pass	19.16	30.00
6845MHz	Pass	20.34	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	19.31	30.00
6925MHz	Pass	18.91	30.00
7005MHz	Pass	20.03	30.00
7085MHz	Pass	19.44	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	24.44	30.00
6145MHz	Pass	24.17	30.00
6385MHz	Pass	23.47	30.00
6465MHz	Pass	23.35	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	22.13	30.00
6625MHz	Pass	24.22	30.00
6705MHz	Pass	23.85	30.00
6785MHz	Pass	23.81	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	23.83	30.00
6945MHz	Pass	21.49	30.00
7025MHz	Pass	21.50	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	25.80	30.00
6185MHz	Pass	26.97	30.00
6345MHz	Pass	25.62	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	25.89	30.00
6665MHz	Pass	26.97	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	26.41	30.00
6985MHz	Pass	25.76	30.00

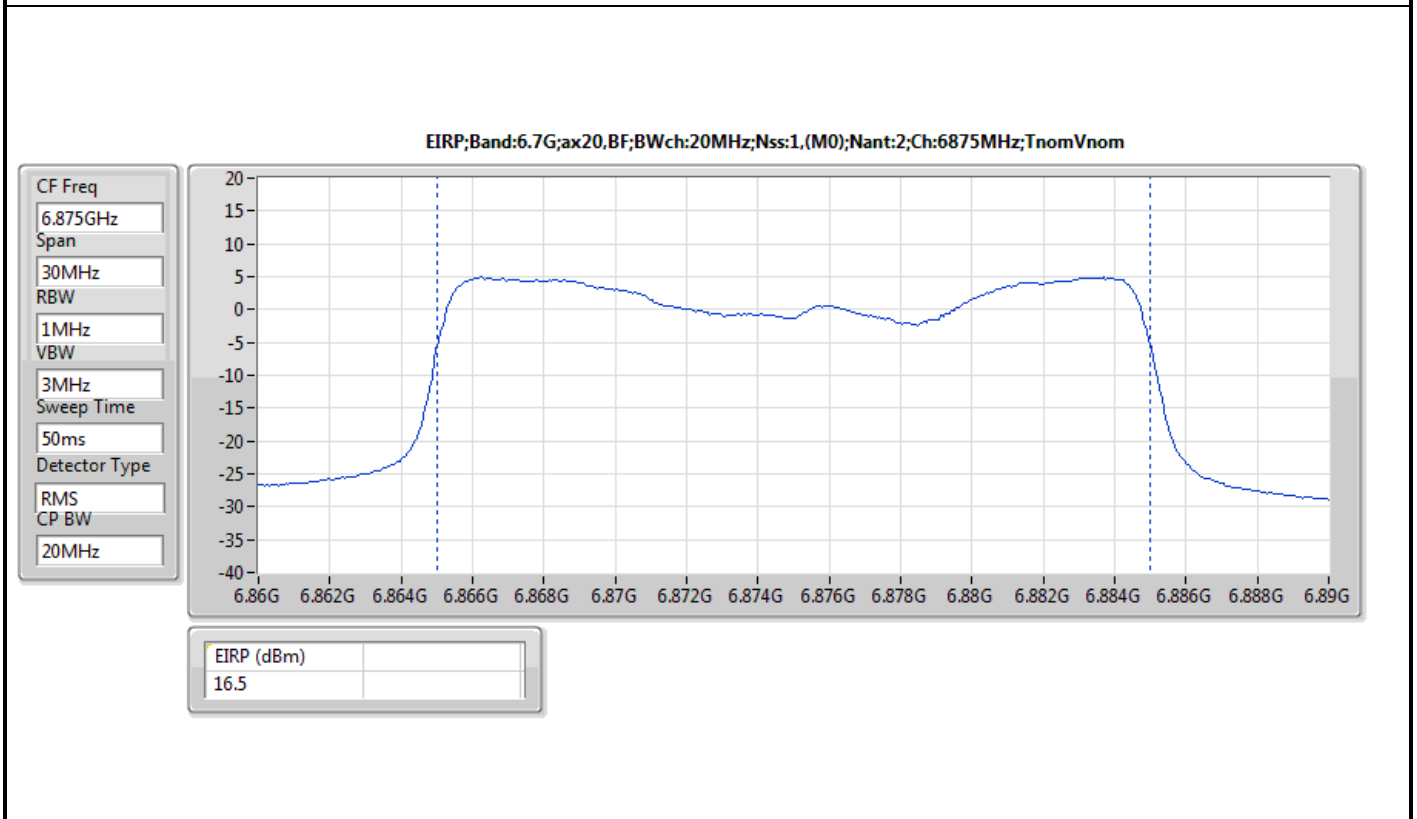
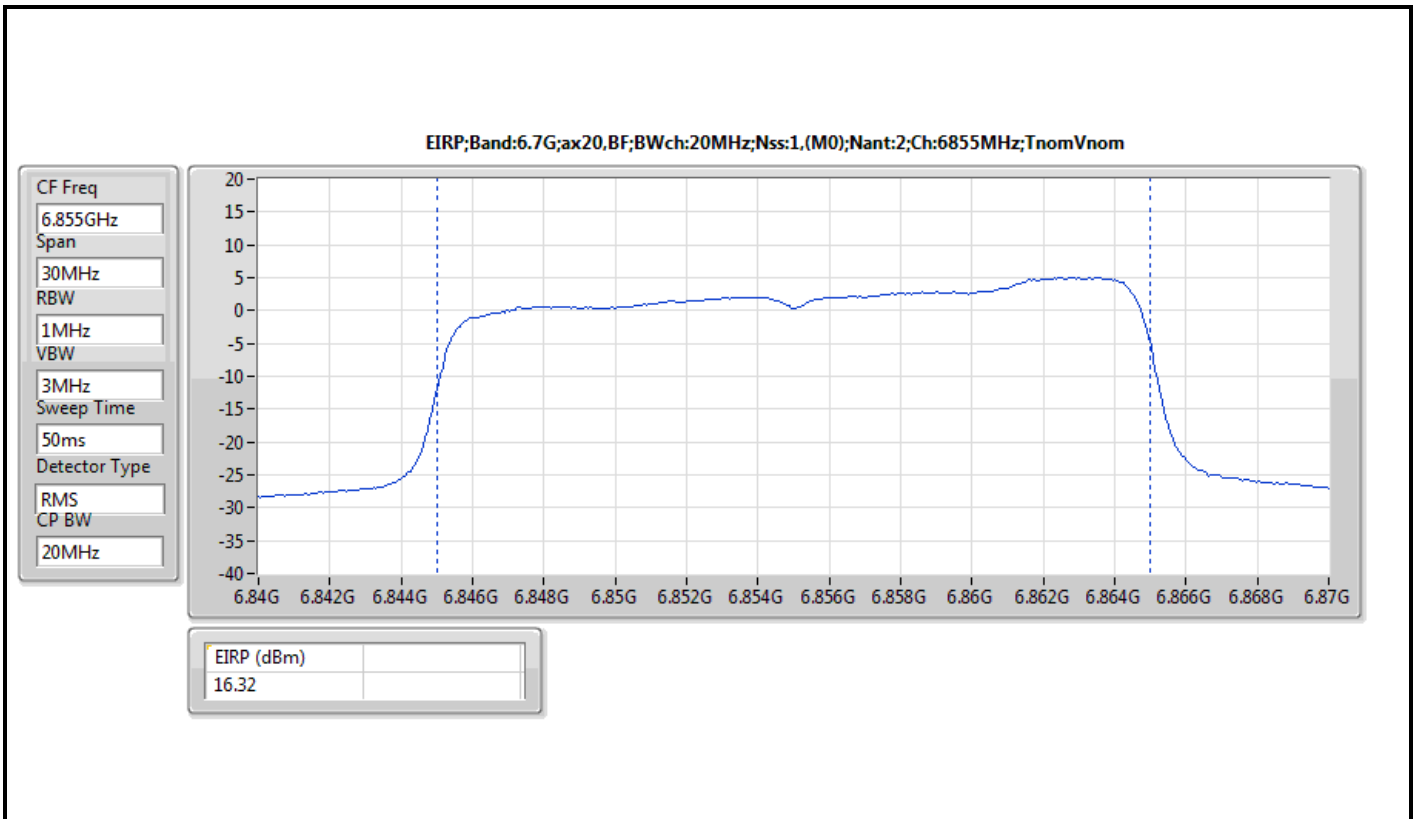
DG = Directional Gain; Port X = Port X output power

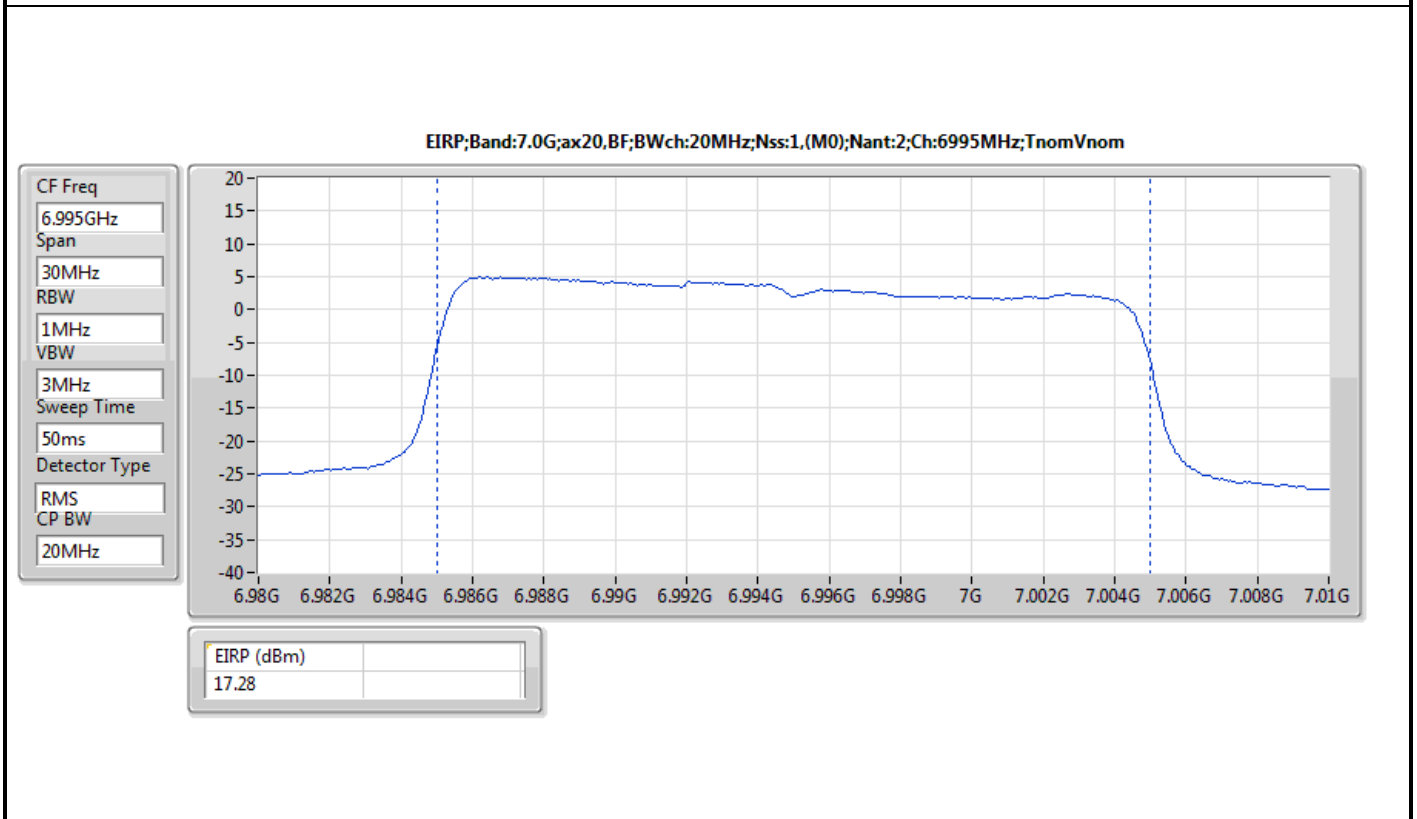
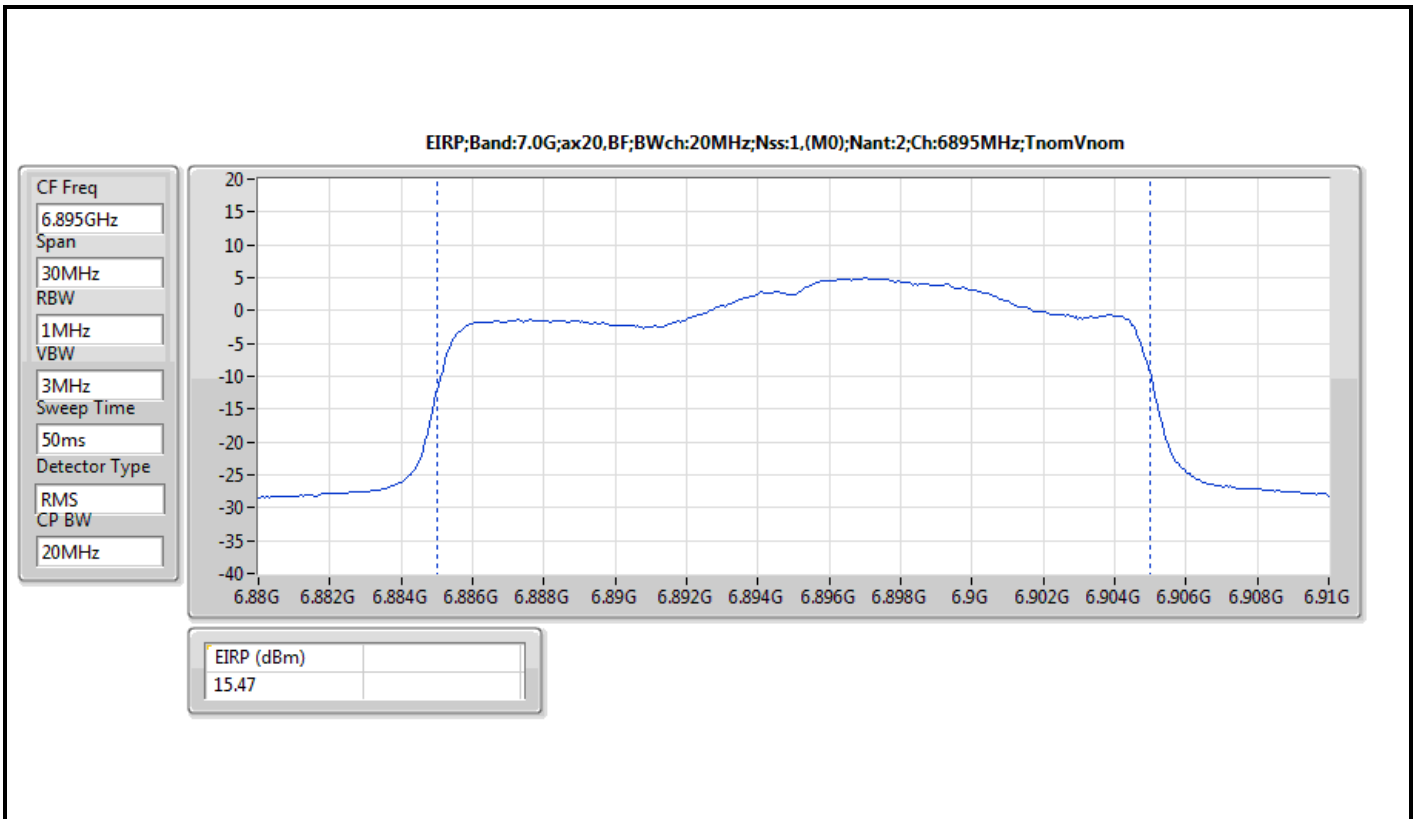


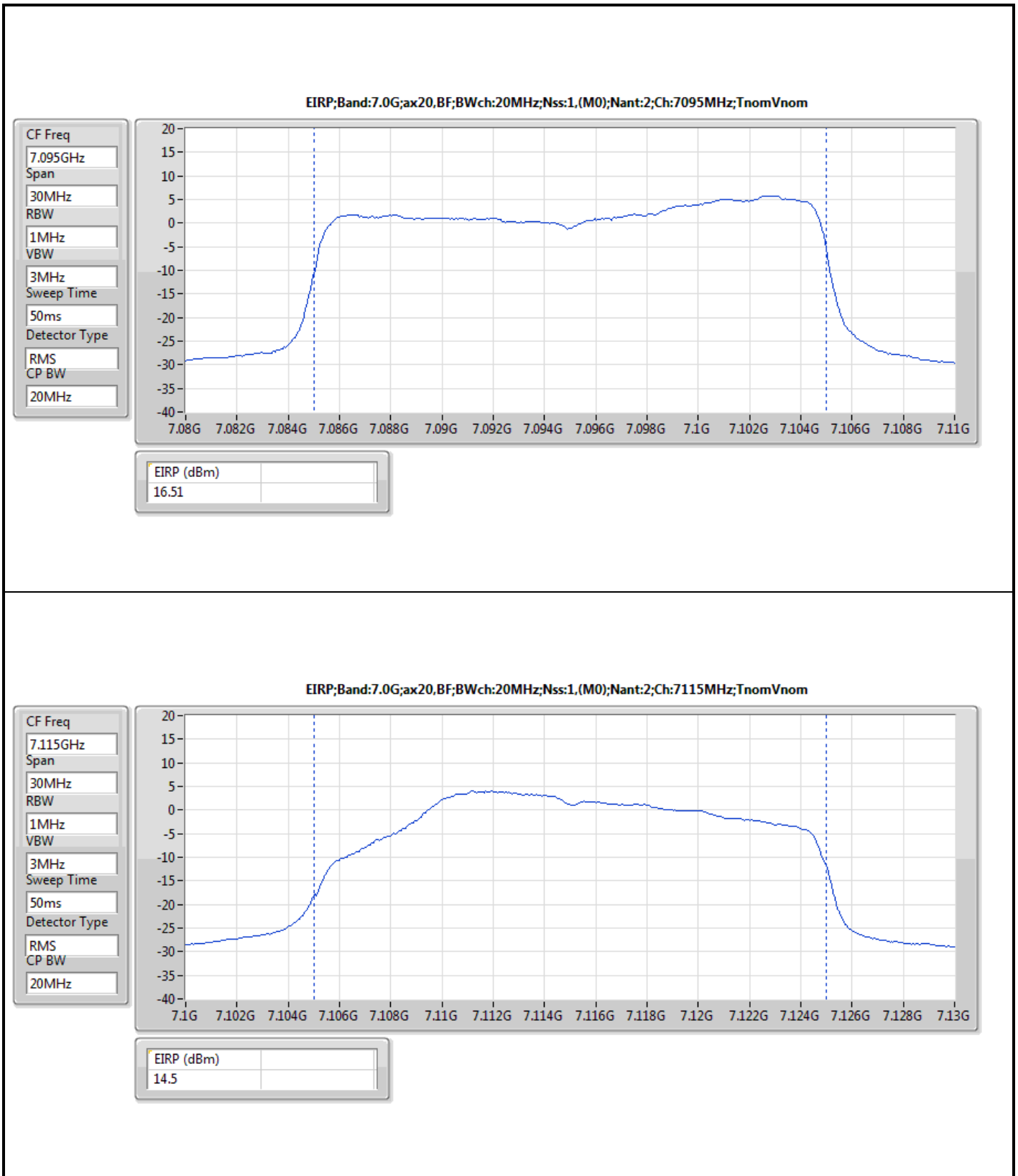






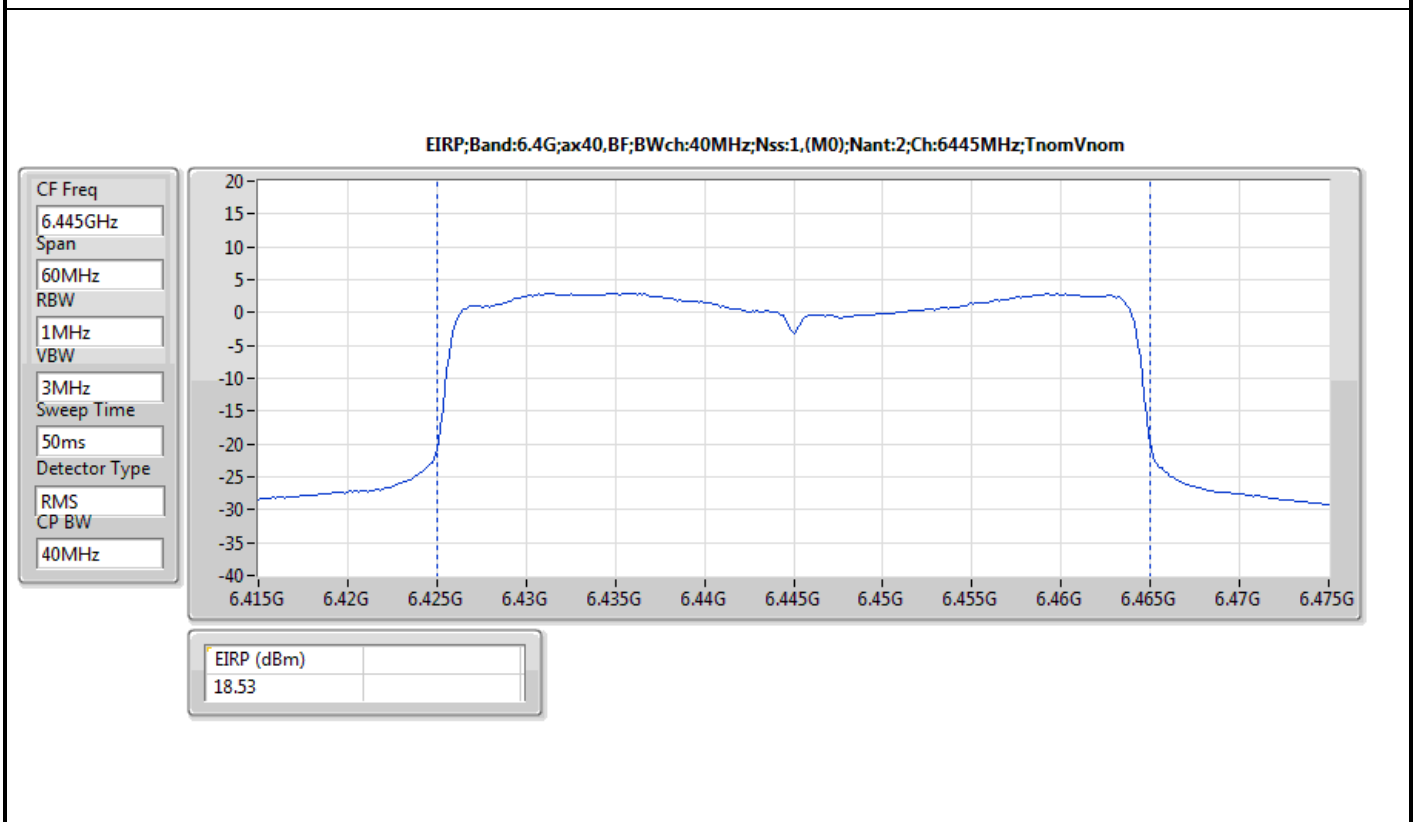
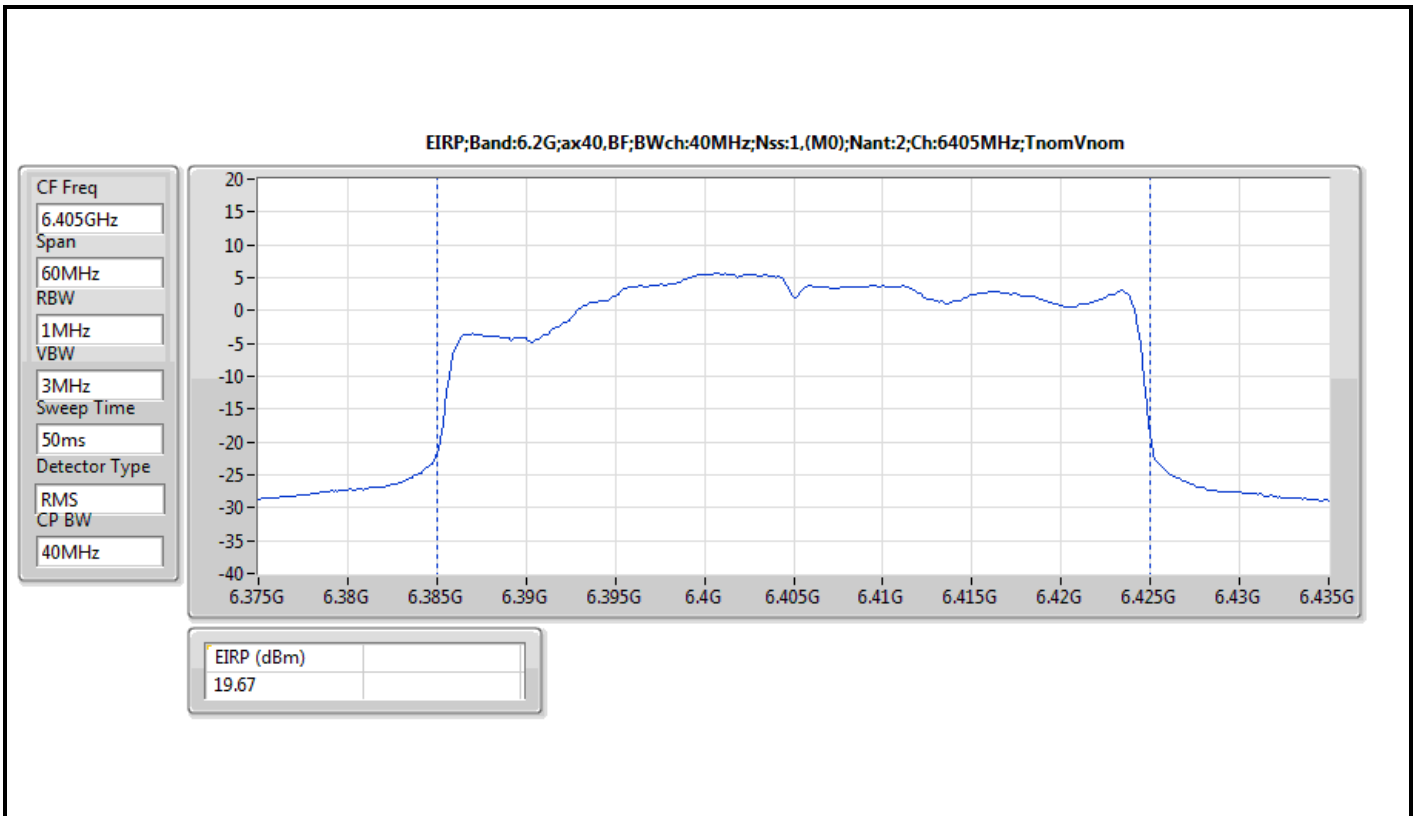


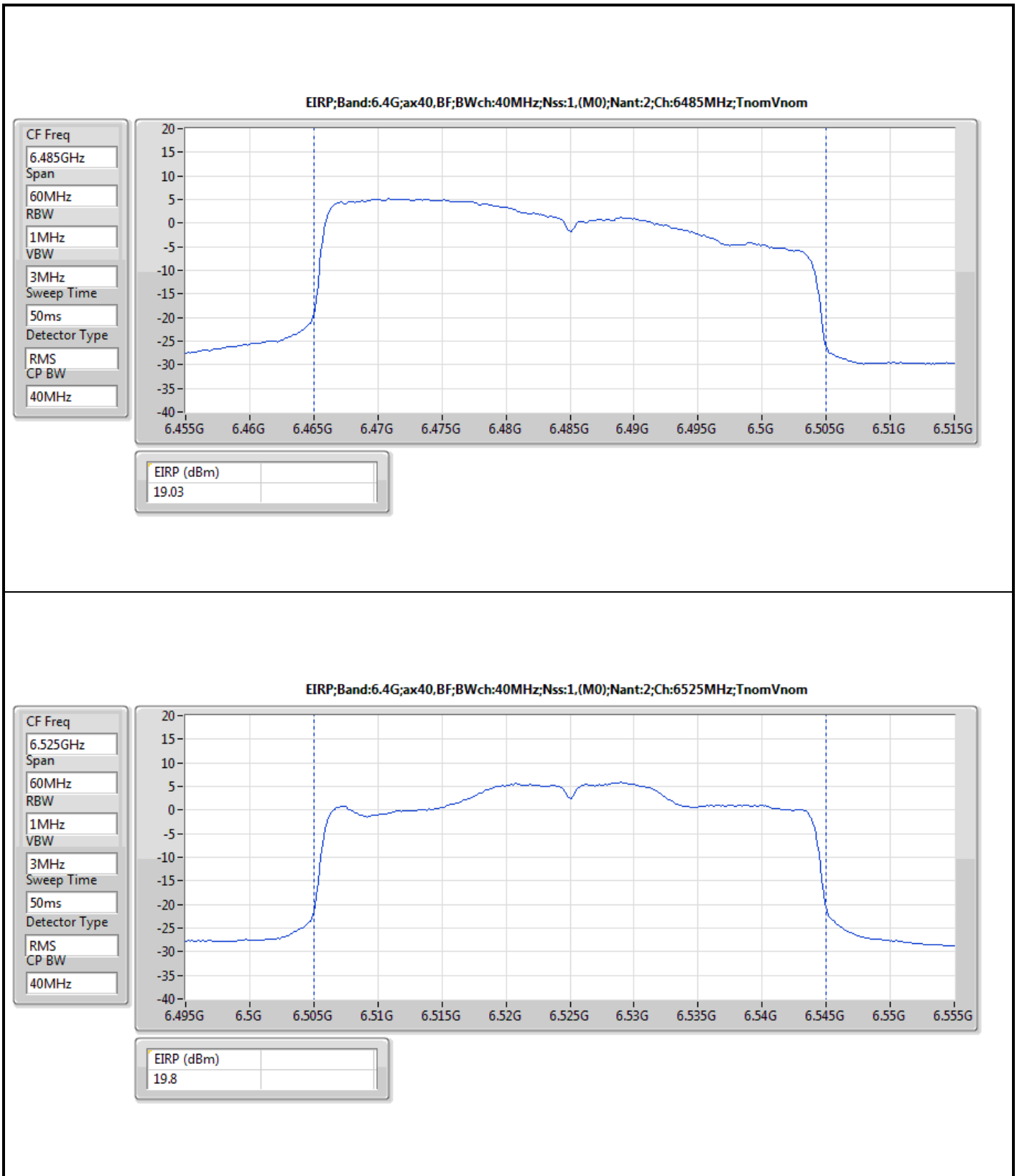


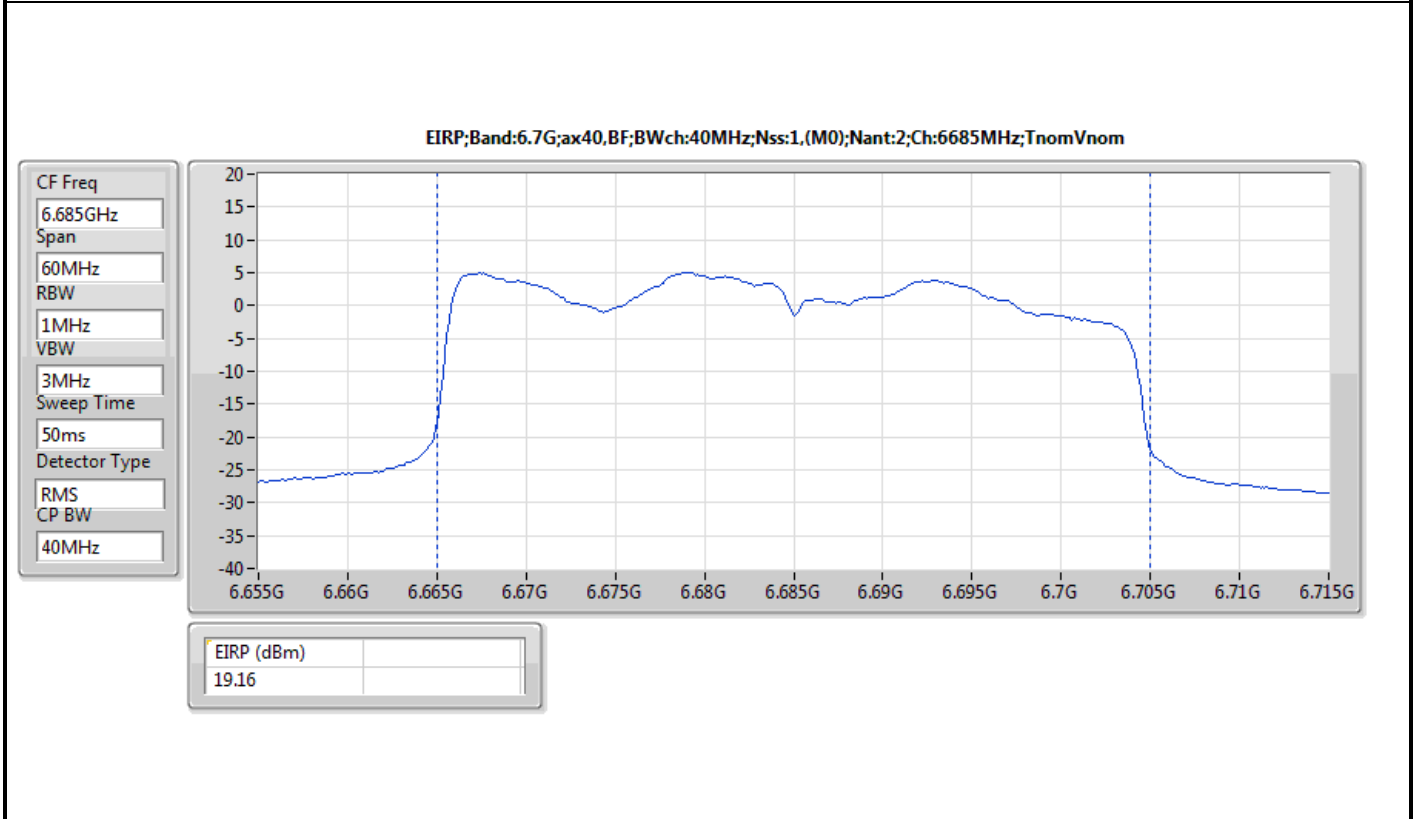
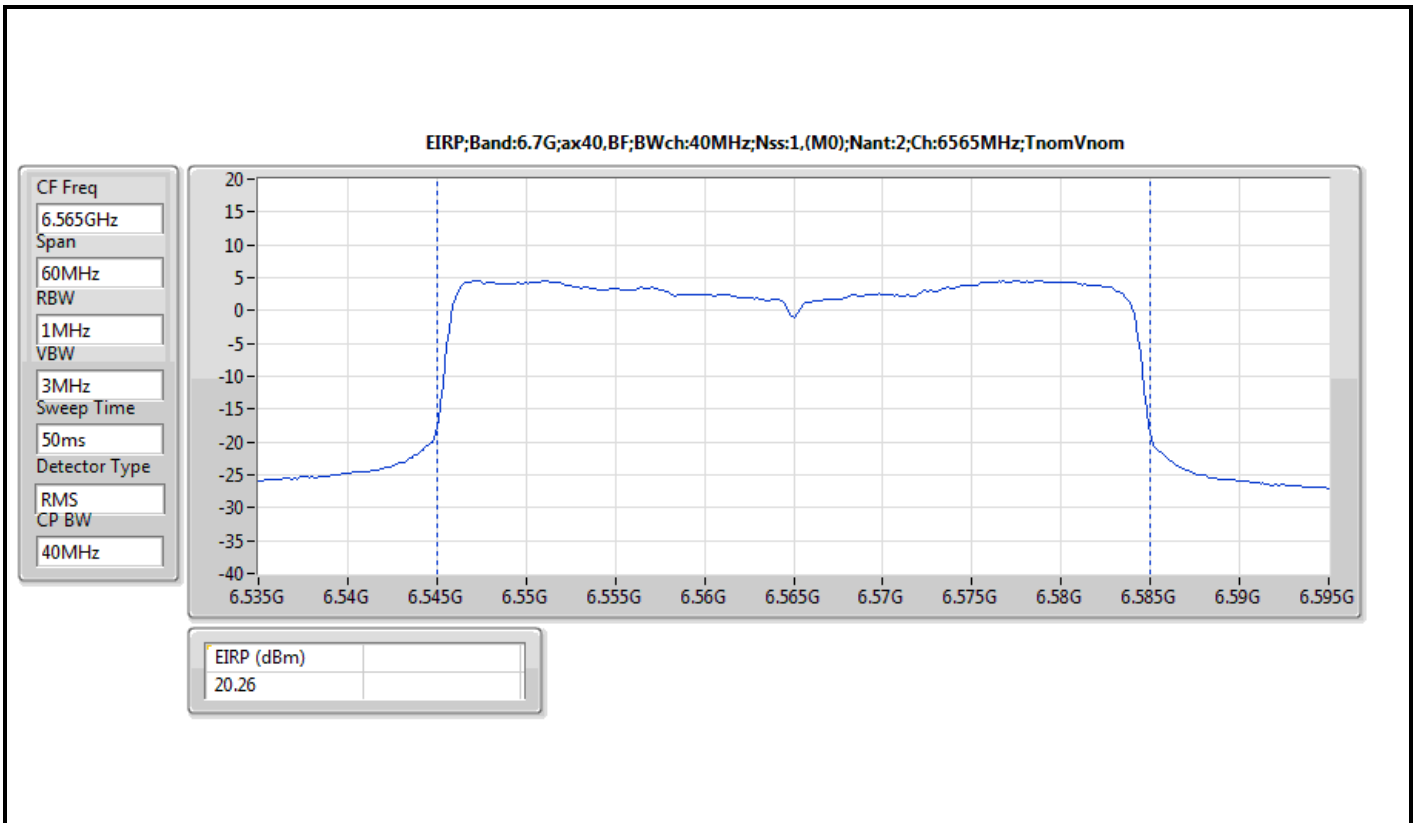


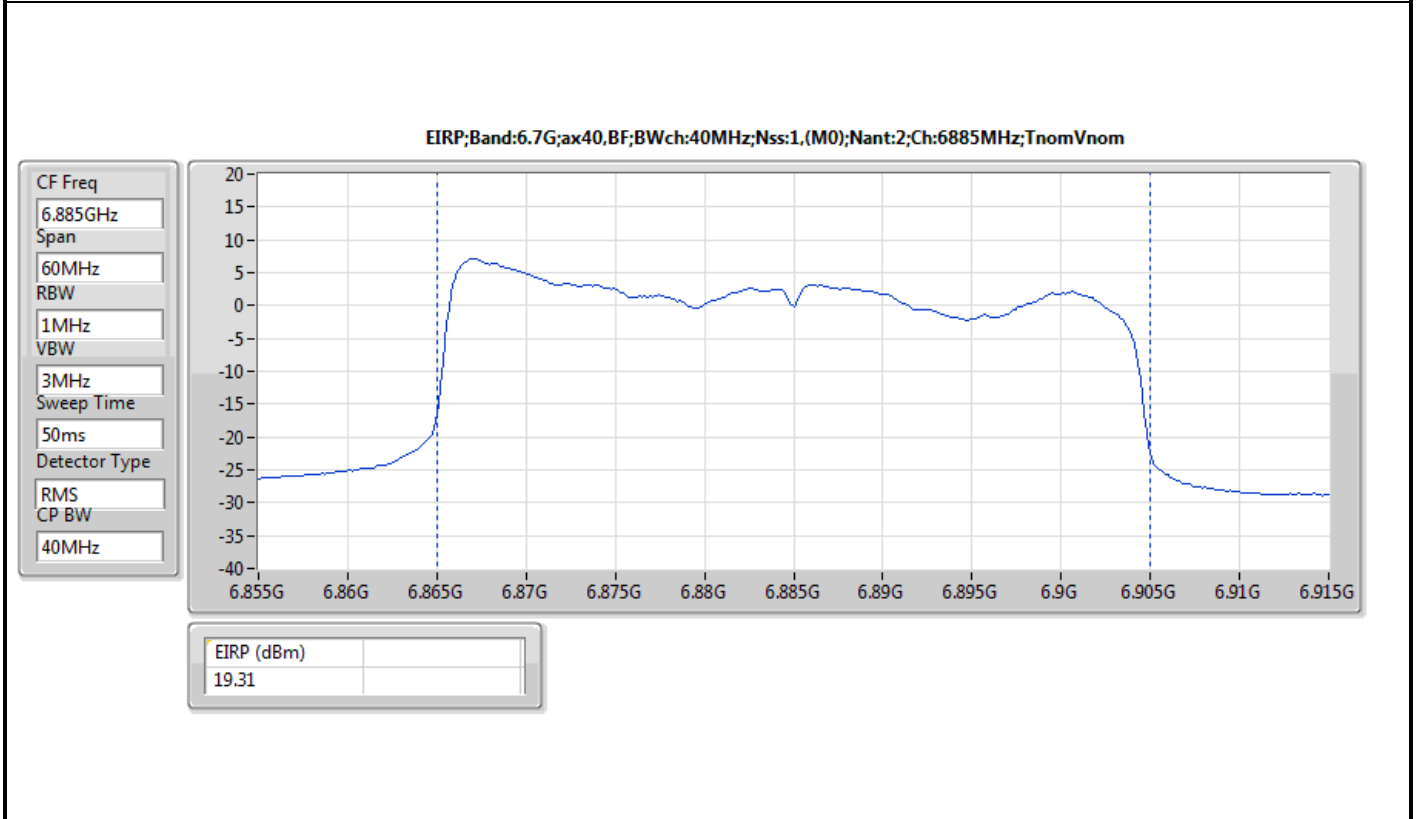
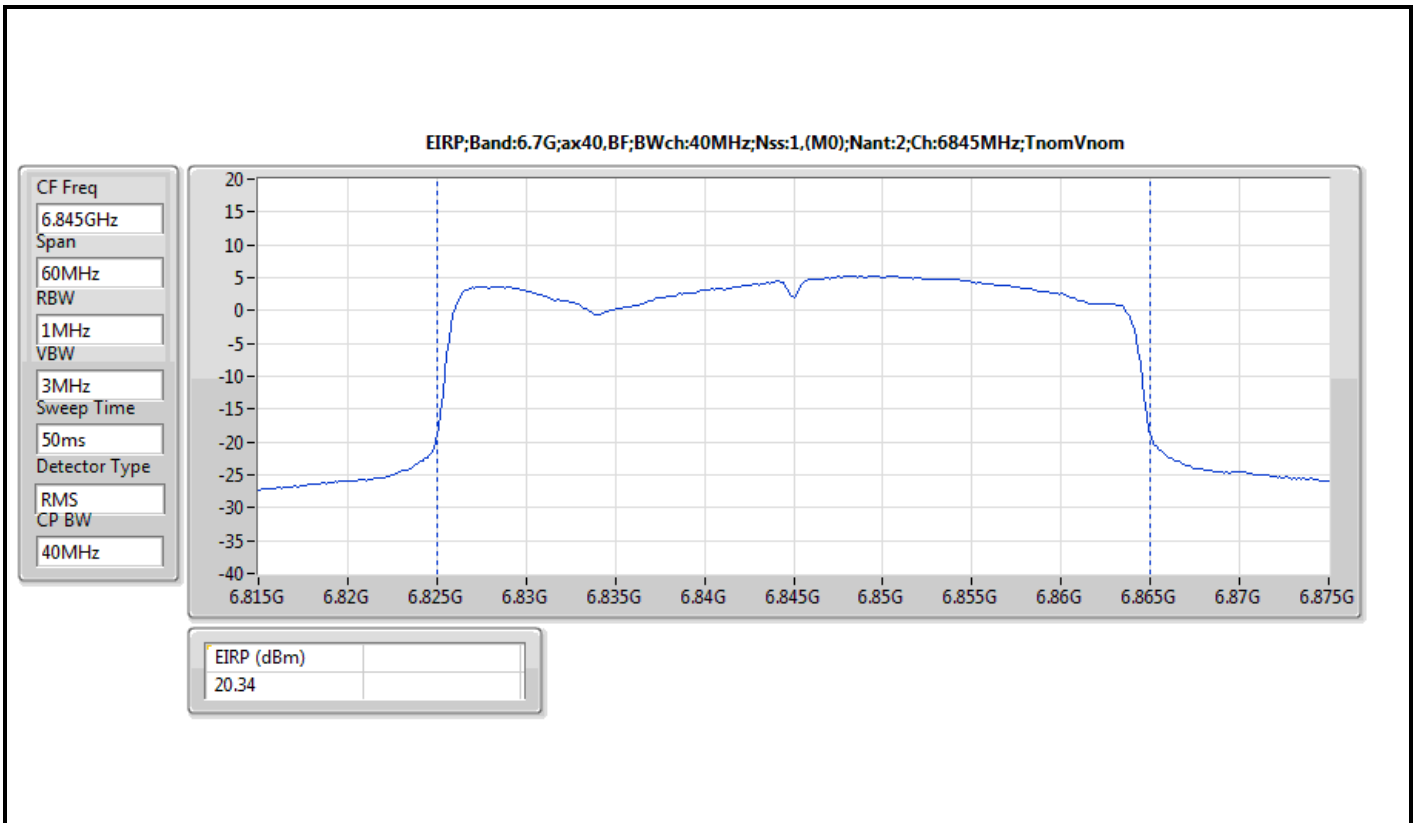


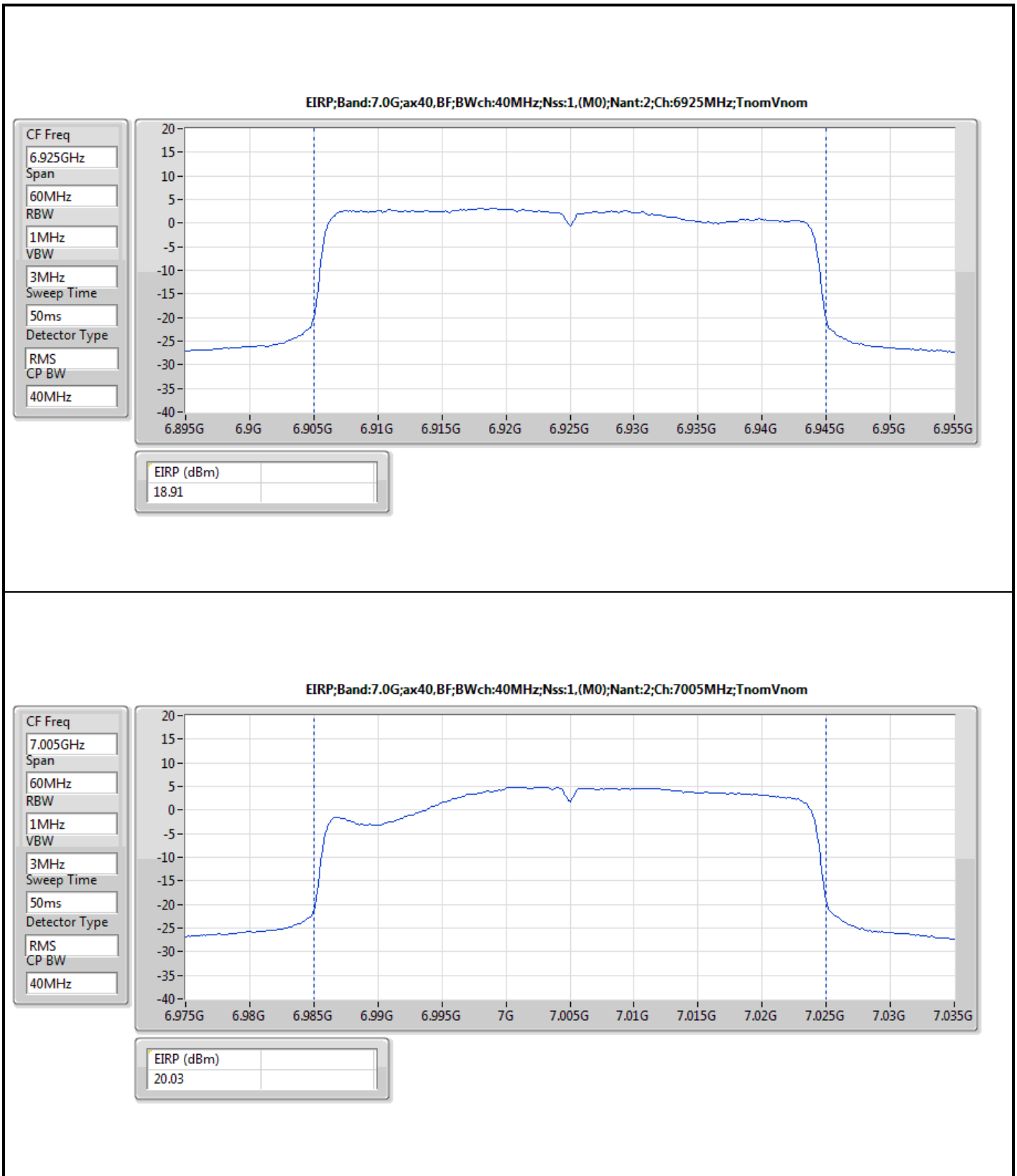


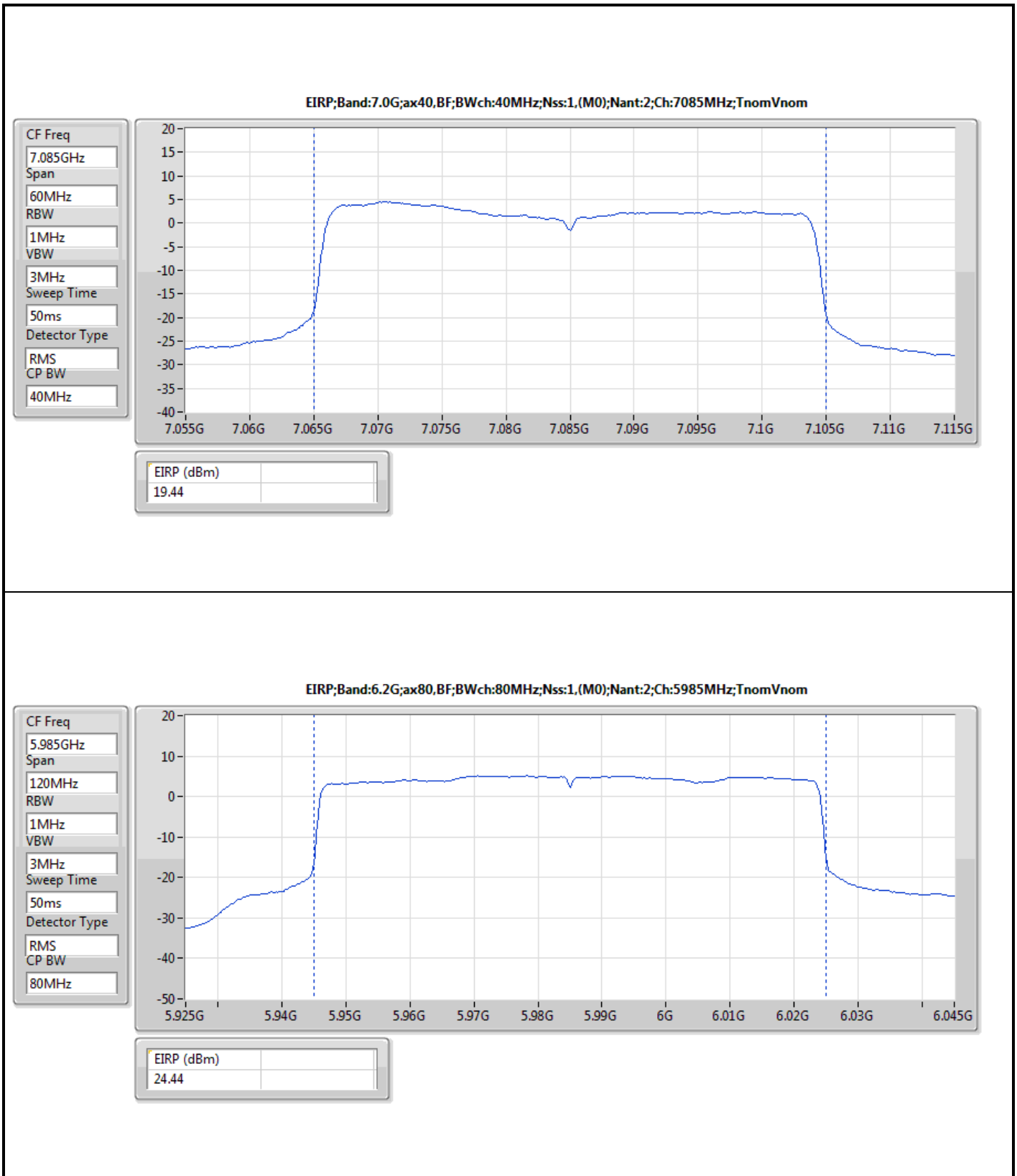


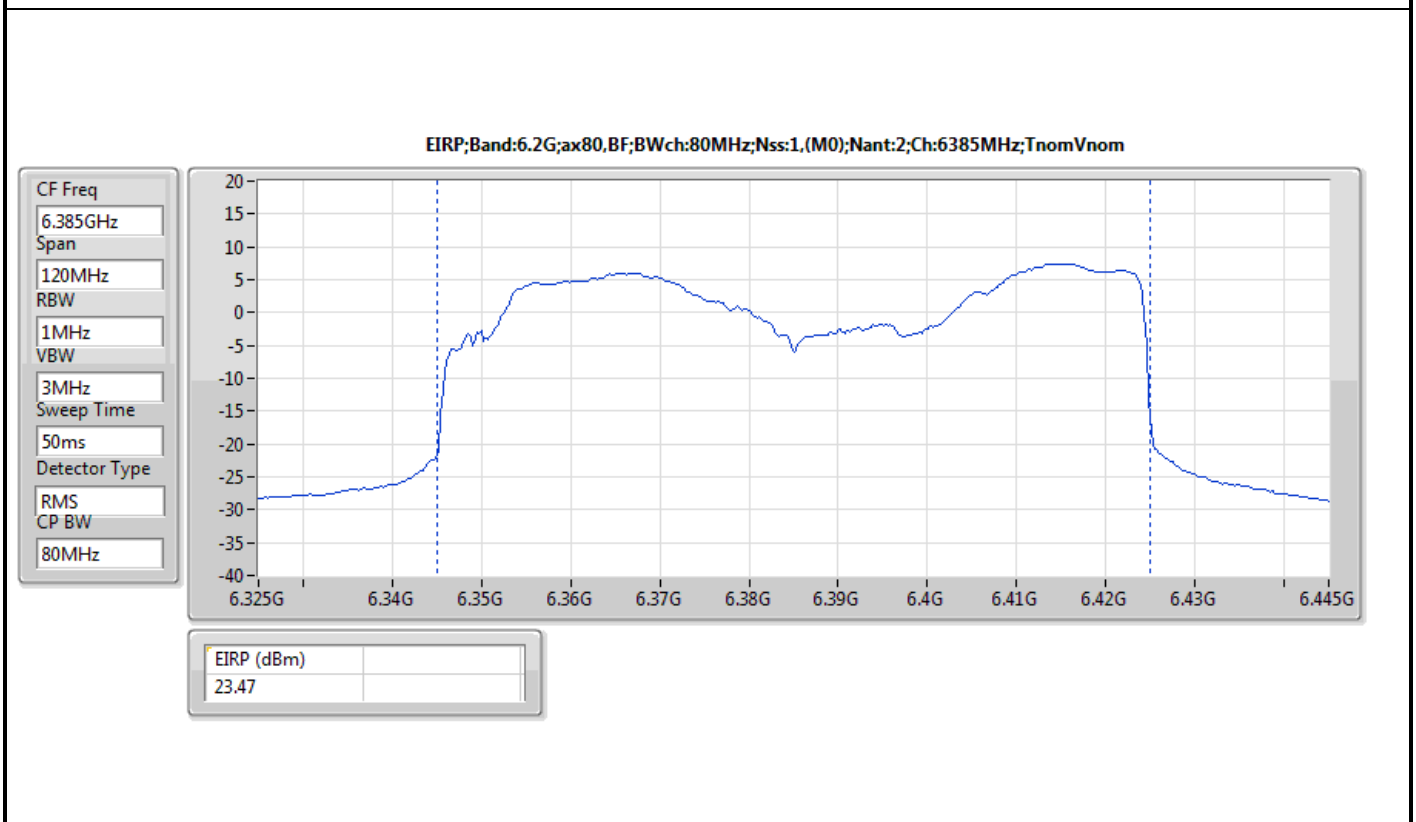
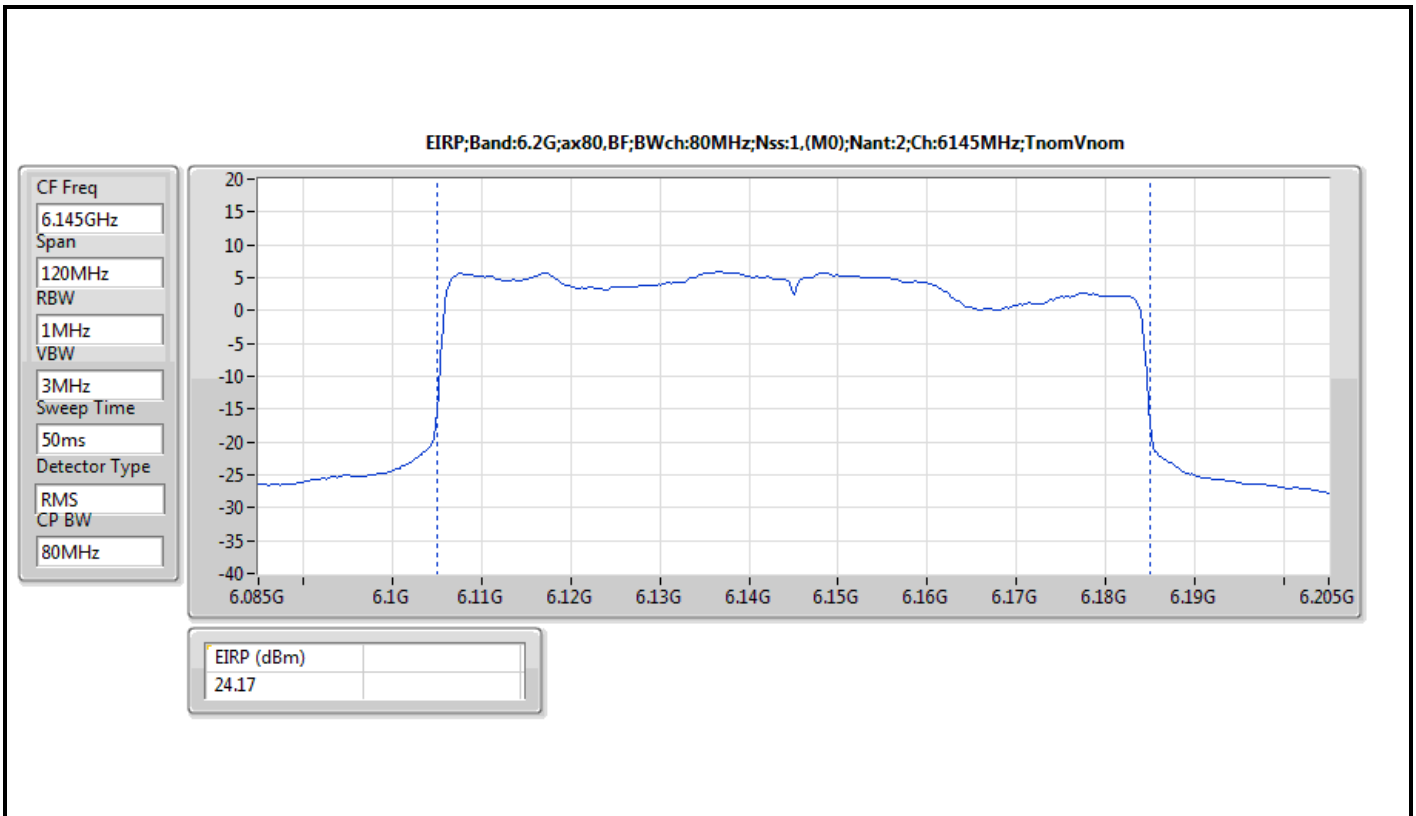




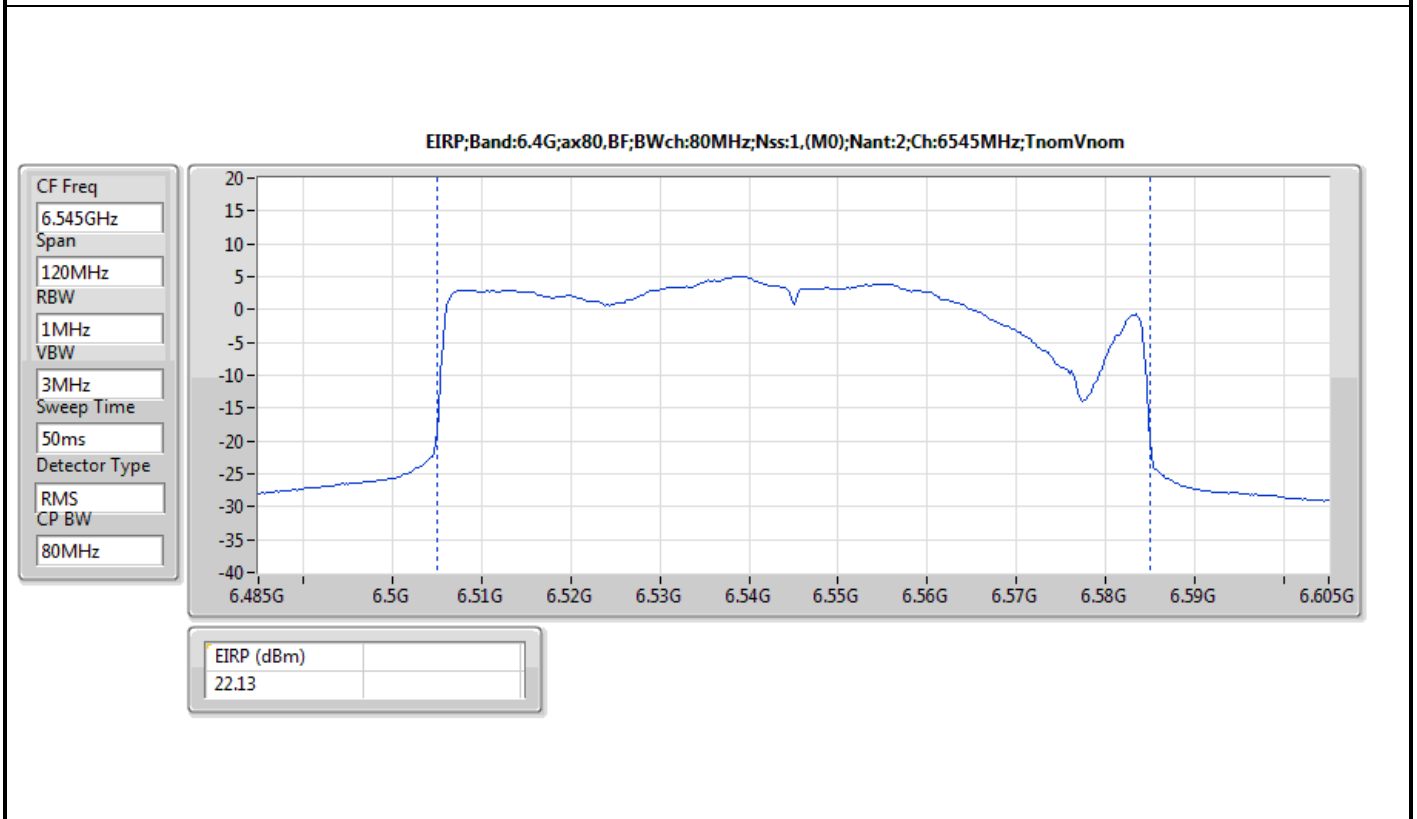
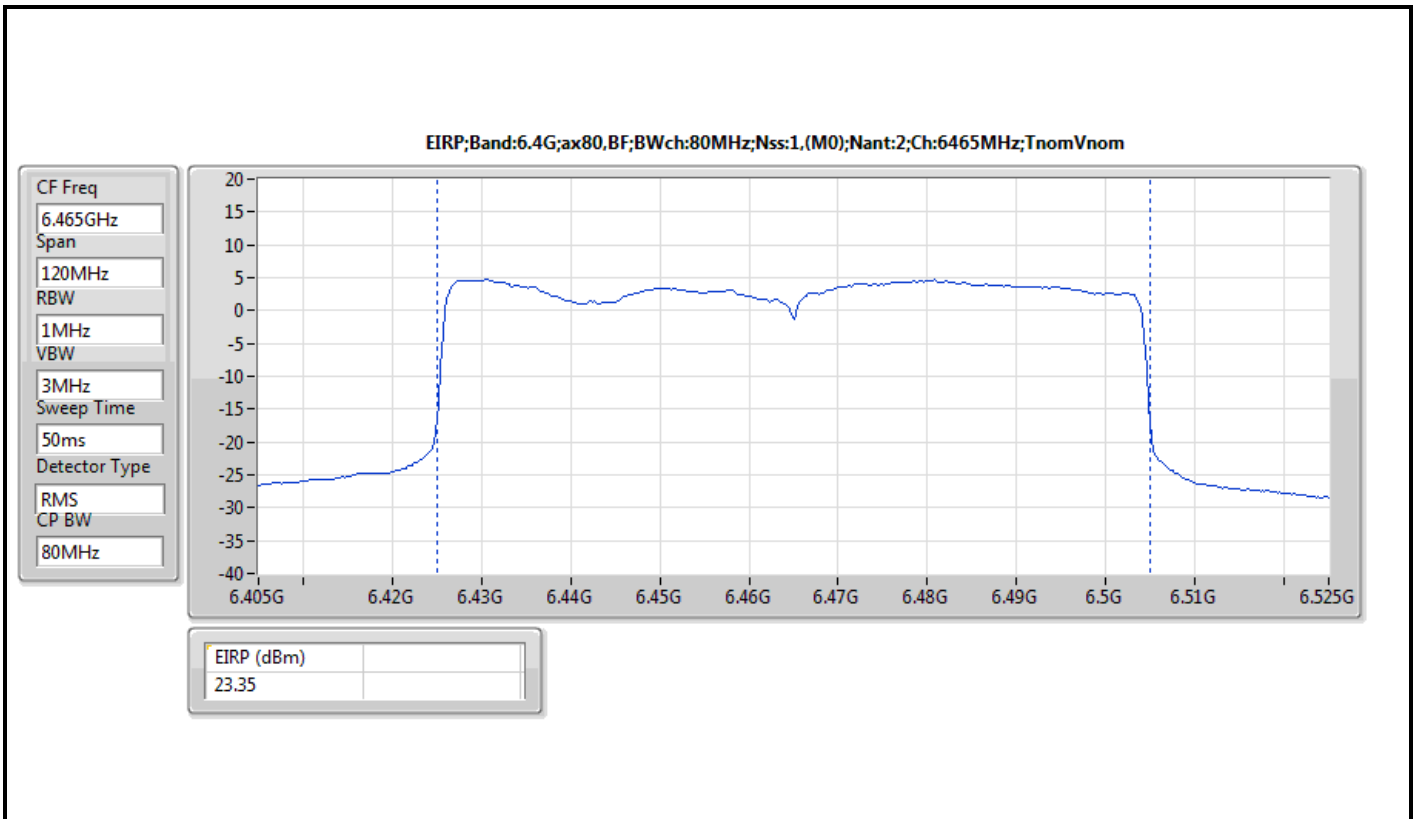


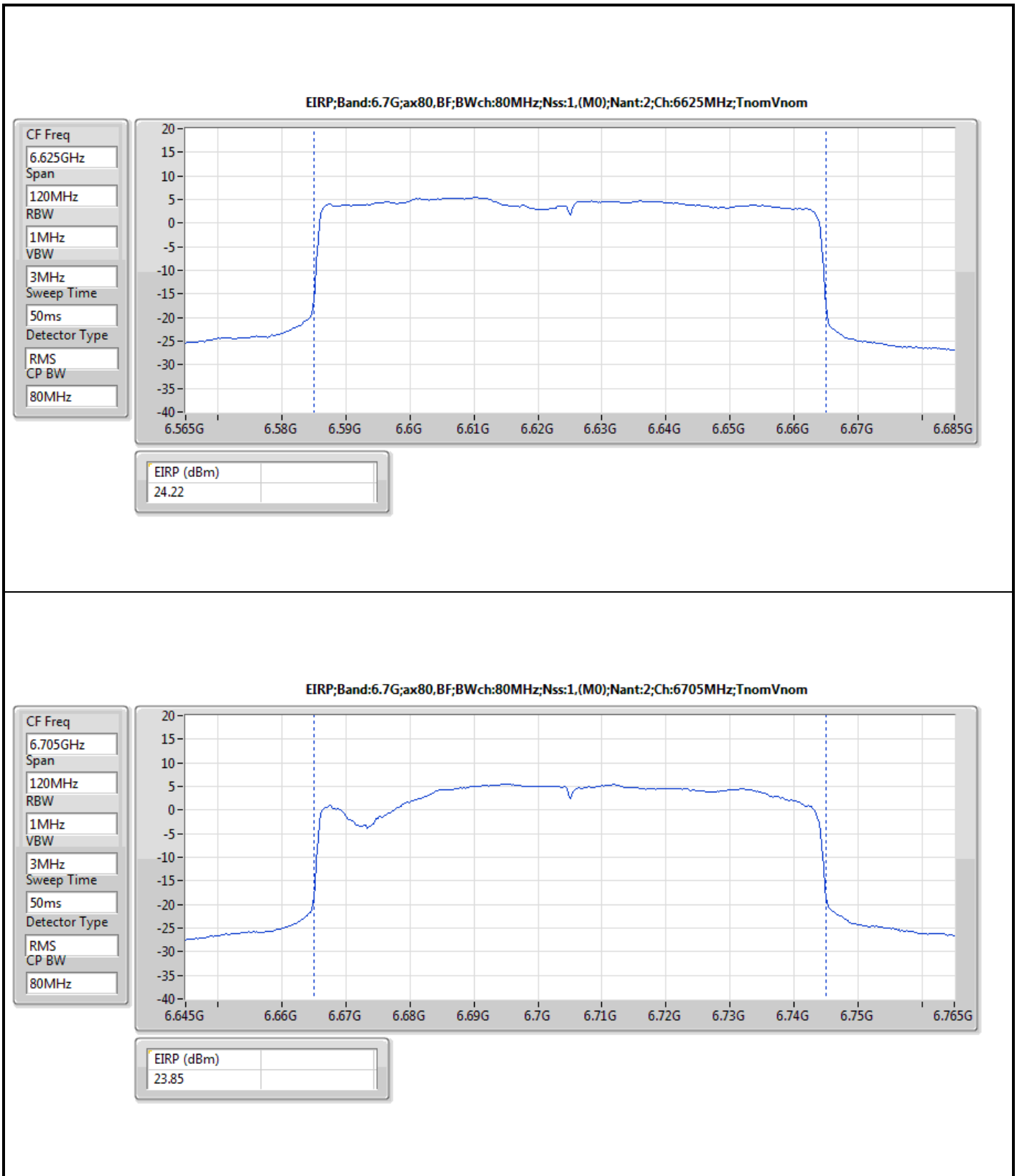












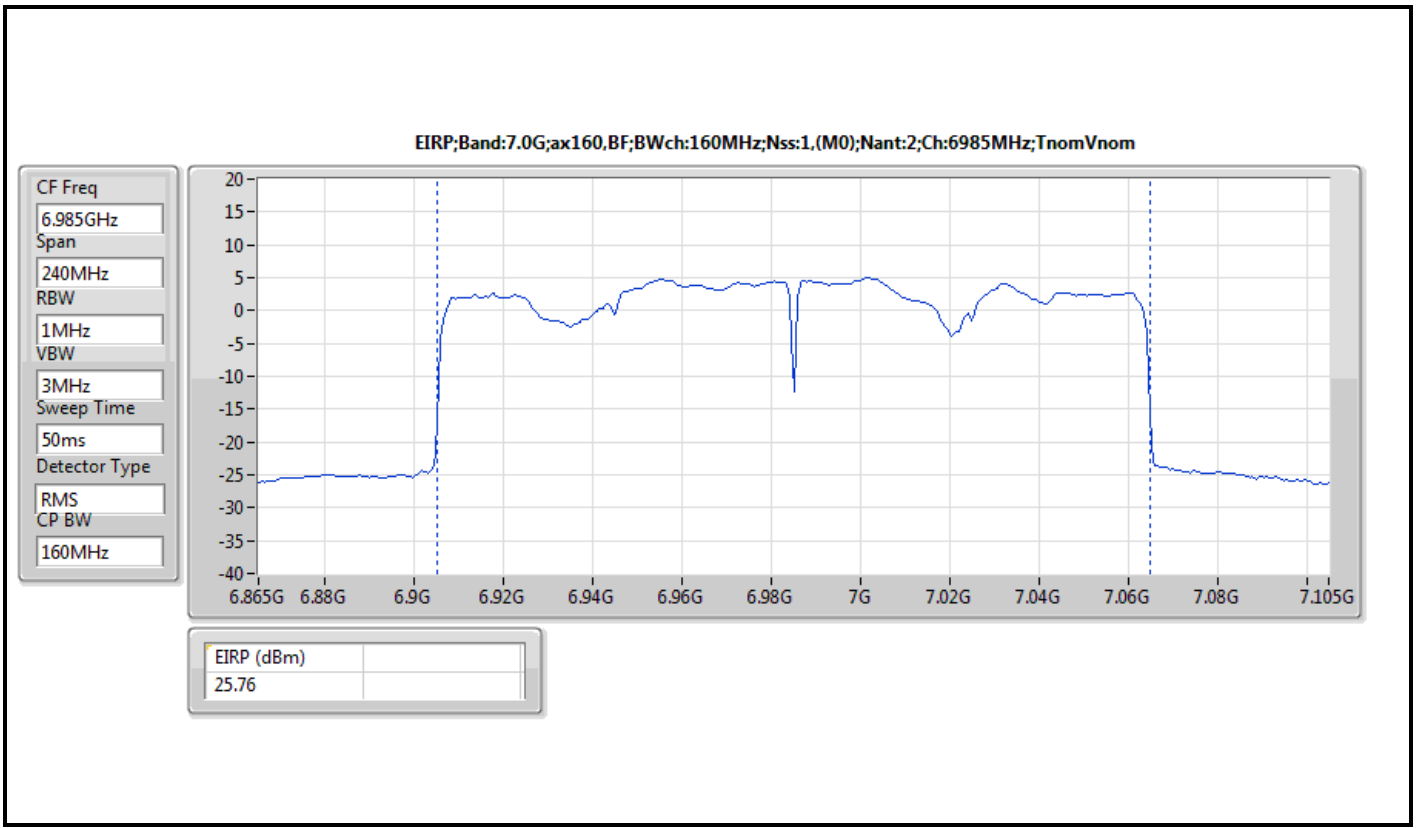














Summary

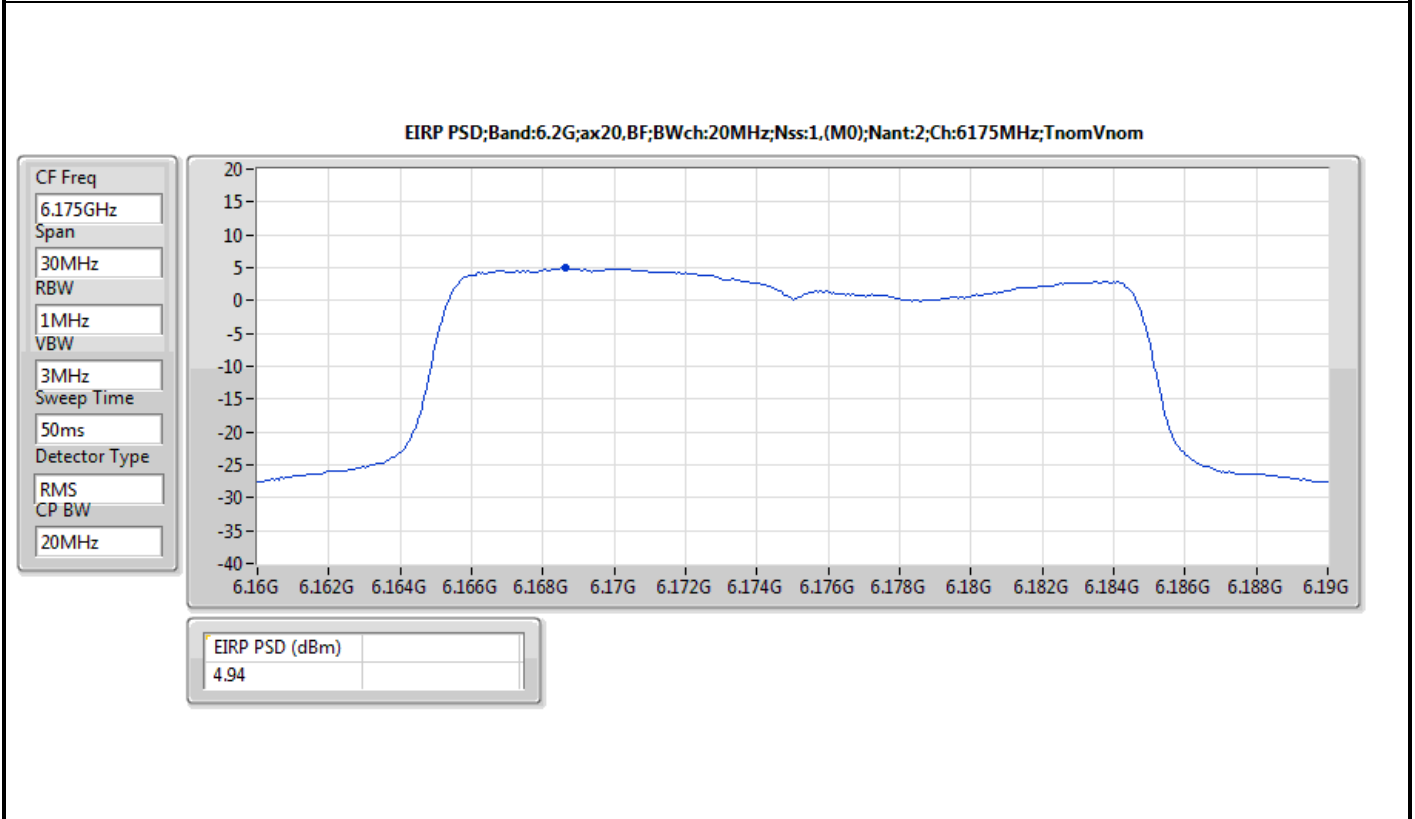
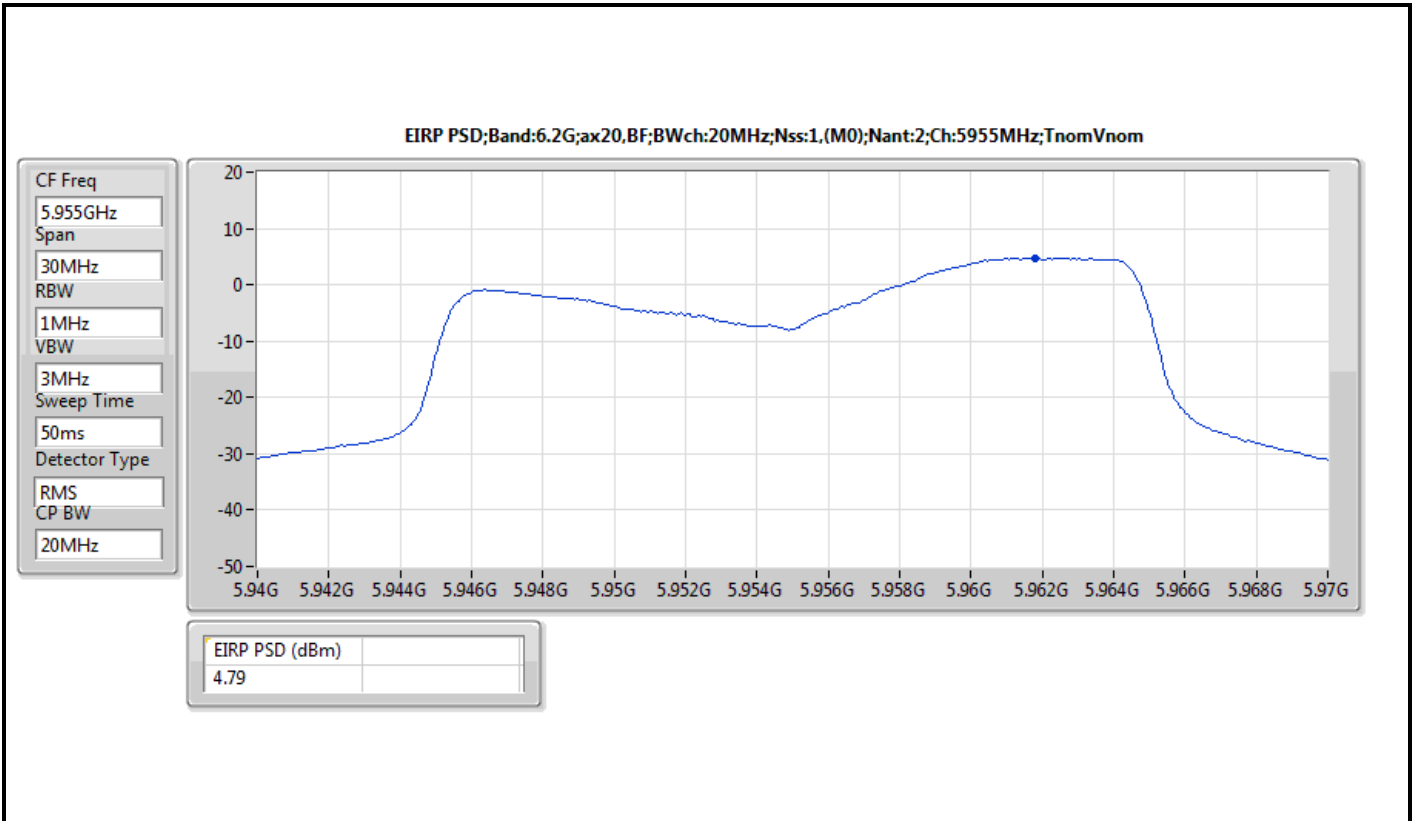
Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.94
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.92
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.86
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	4.82
6.425-6.525GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.93
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.95
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.97
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	4.86
6.525-6.875GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.95
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.95
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.98
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	4.90
6.875-7.125GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.93
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.95
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	4.84

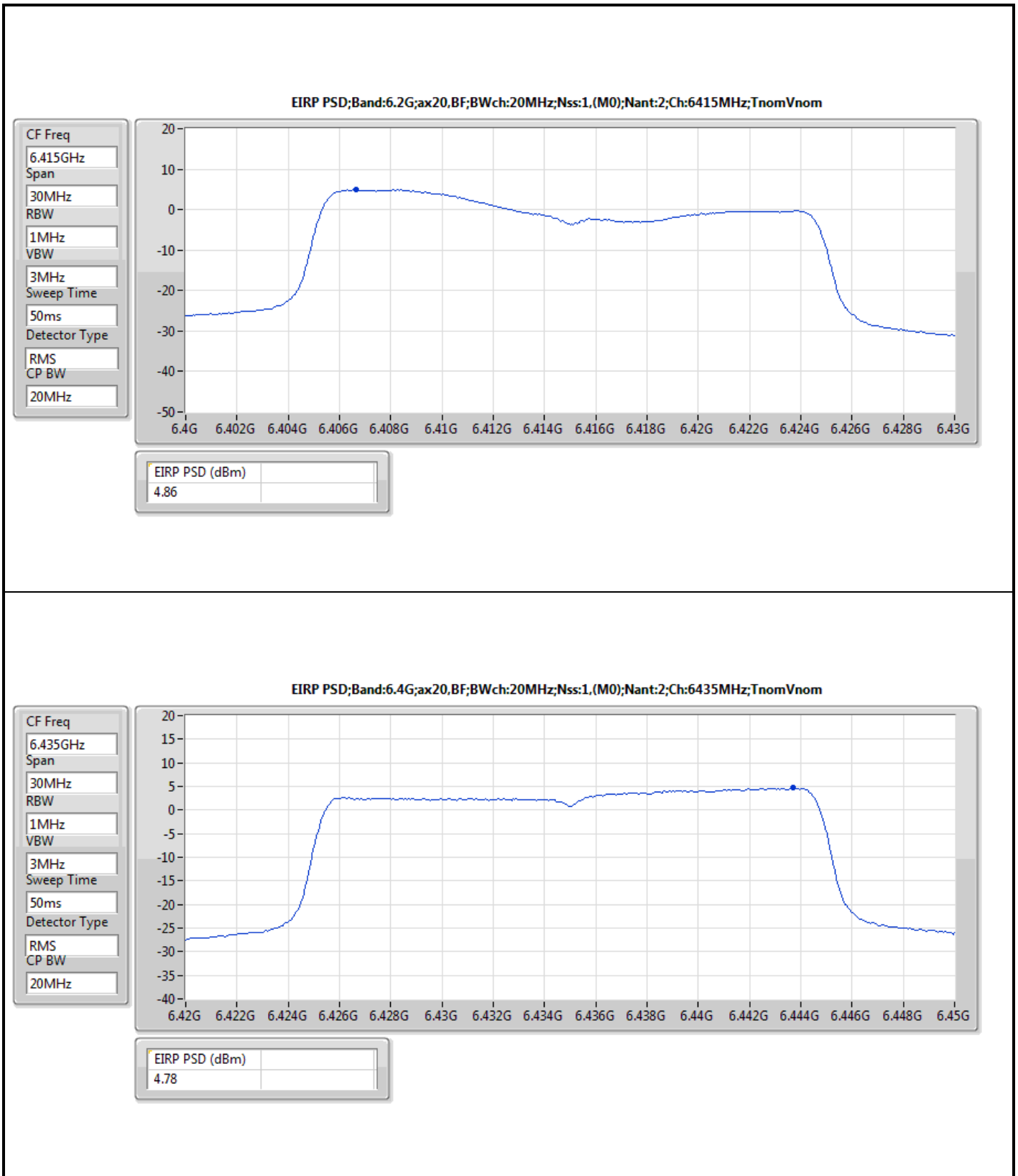
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

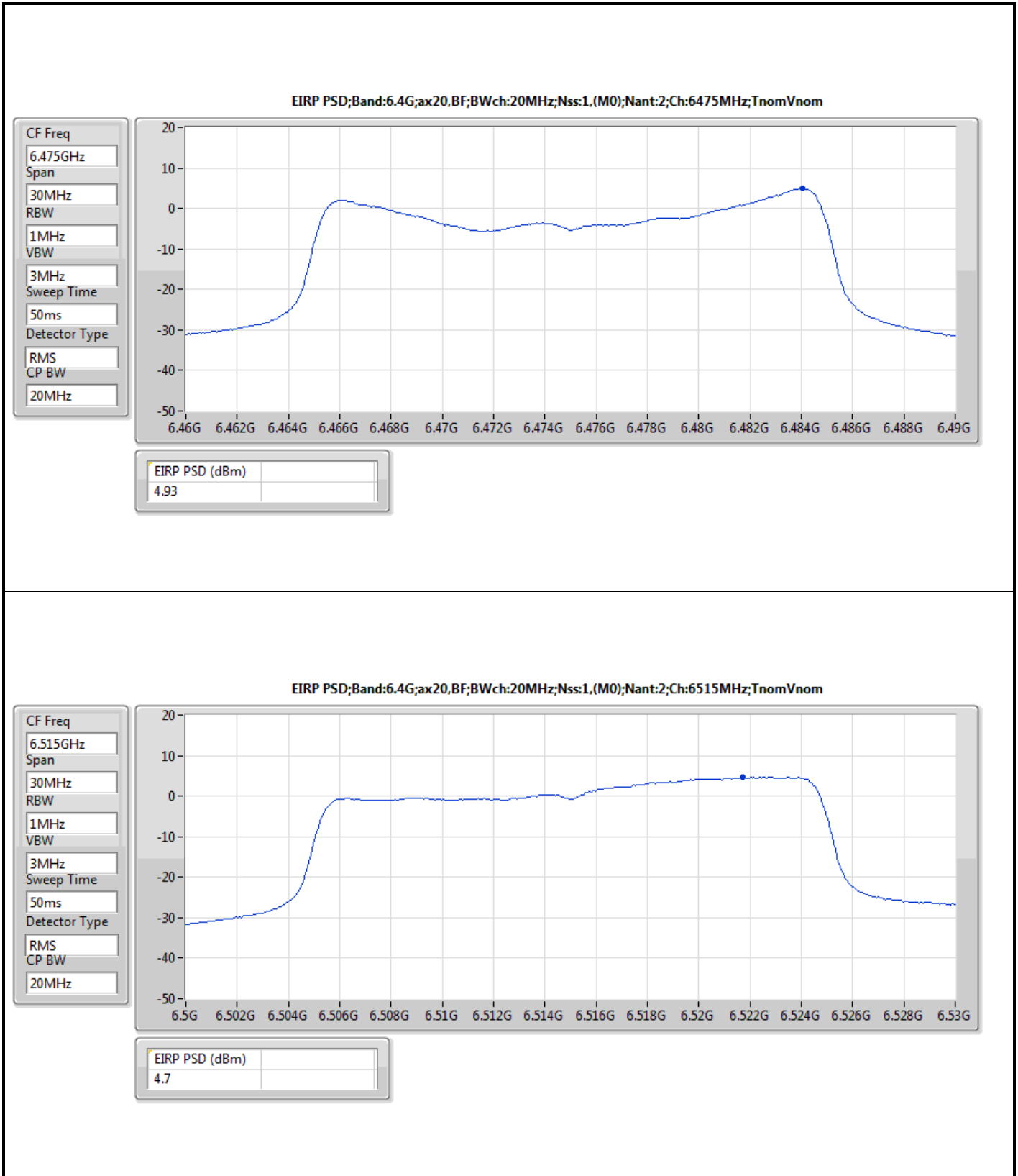
Result

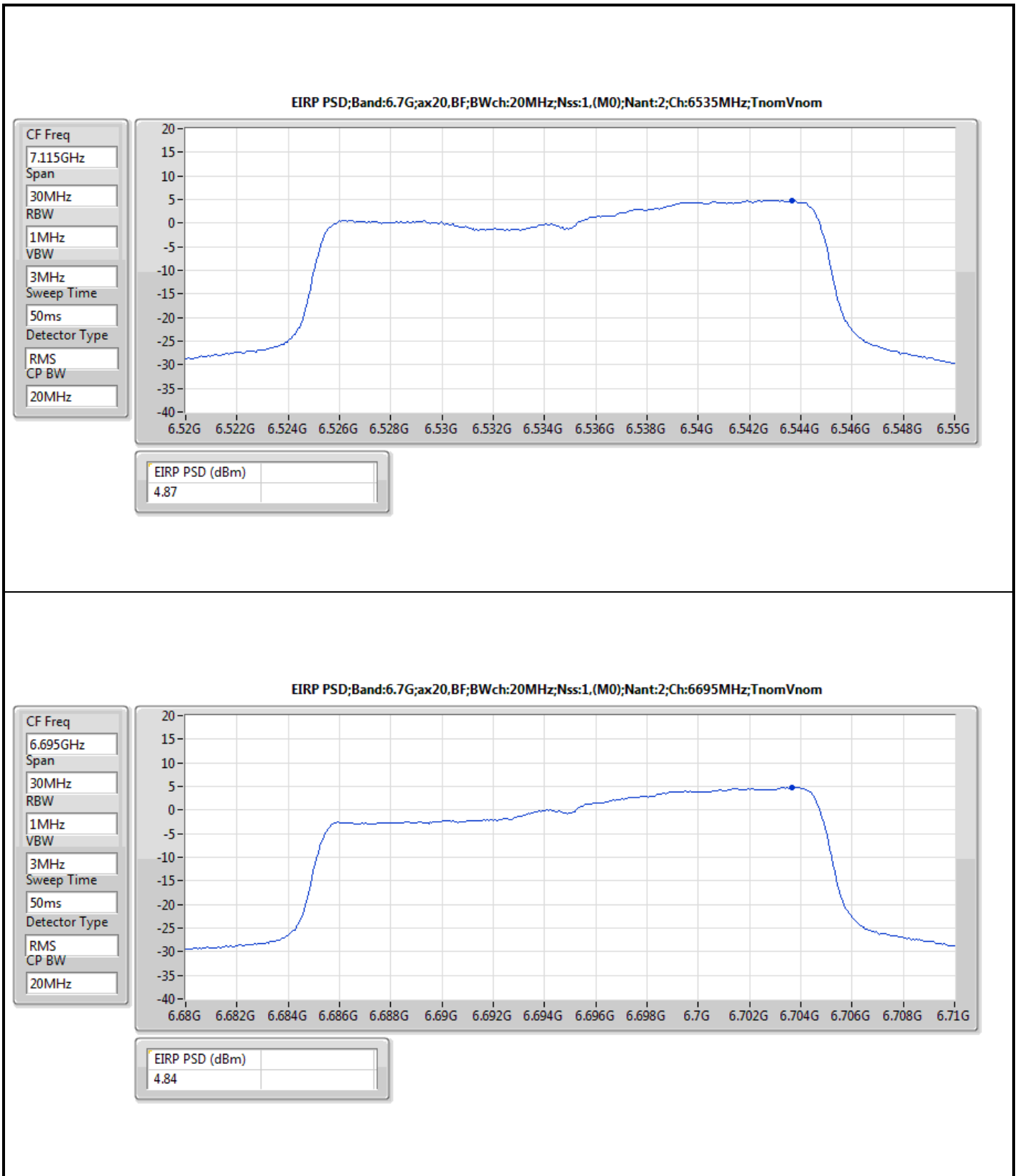
Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-
5955MHz	Pass	4.79	5.00
6175MHz	Pass	4.94	5.00
6415MHz	Pass	4.86	5.00
6435MHz	Pass	4.78	5.00
6475MHz	Pass	4.93	5.00
6515MHz	Pass	4.70	5.00
6535MHz	Pass	4.87	5.00
6695MHz	Pass	4.84	5.00
6855MHz	Pass	4.88	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.95	5.00
6895MHz	Pass	4.99	5.00
6995MHz	Pass	4.93	5.00
7095MHz	Pass	4.86	5.00
7115MHz	Pass	3.04	5.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-
5965MHz	Pass	4.77	5.00
6165MHz	Pass	4.92	5.00
6405MHz	Pass	4.83	5.00
6445MHz	Pass	4.78	5.00
6485MHz	Pass	4.94	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.95	5.00
6565MHz	Pass	4.83	5.00
6685MHz	Pass	4.86	5.00
6845MHz	Pass	4.95	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.95	5.00
6925MHz	Pass	4.78	5.00
7005MHz	Pass	4.92	5.00
7085MHz	Pass	4.93	5.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-
5985MHz	Pass	4.86	5.00
6145MHz	Pass	4.85	5.00
6385MHz	Pass	4.84	5.00
6465MHz	Pass	4.97	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.79	5.00
6625MHz	Pass	4.90	5.00
6705MHz	Pass	4.98	5.00
6785MHz	Pass	4.75	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.86	5.00
6945MHz	Pass	4.79	5.00
7025MHz	Pass	4.95	5.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-
6025MHz	Pass	4.82	5.00
6185MHz	Pass	4.81	5.00
6345MHz	Pass	4.79	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.86	5.00
6665MHz	Pass	4.85	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.90	5.00
6985MHz	Pass	4.84	5.00

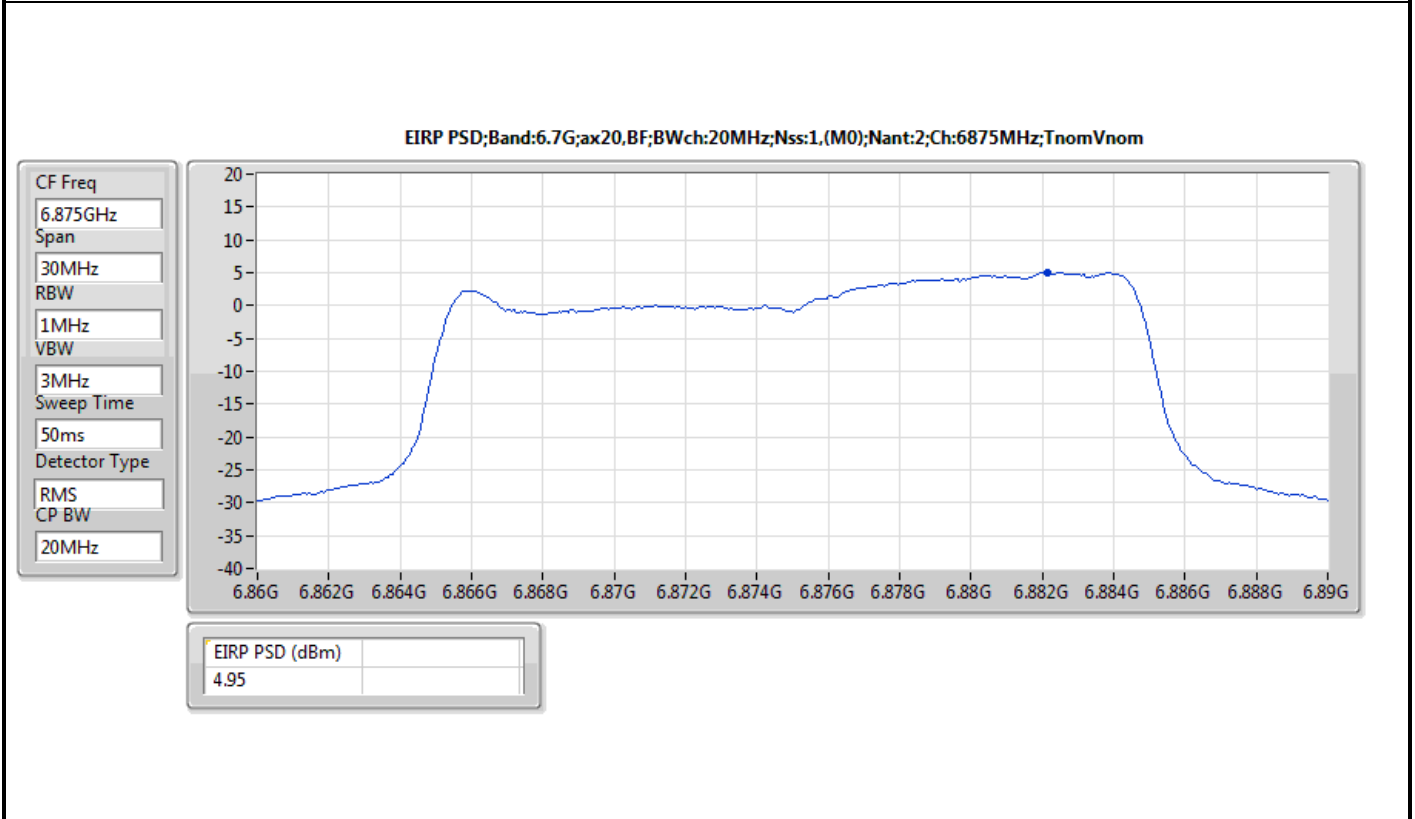
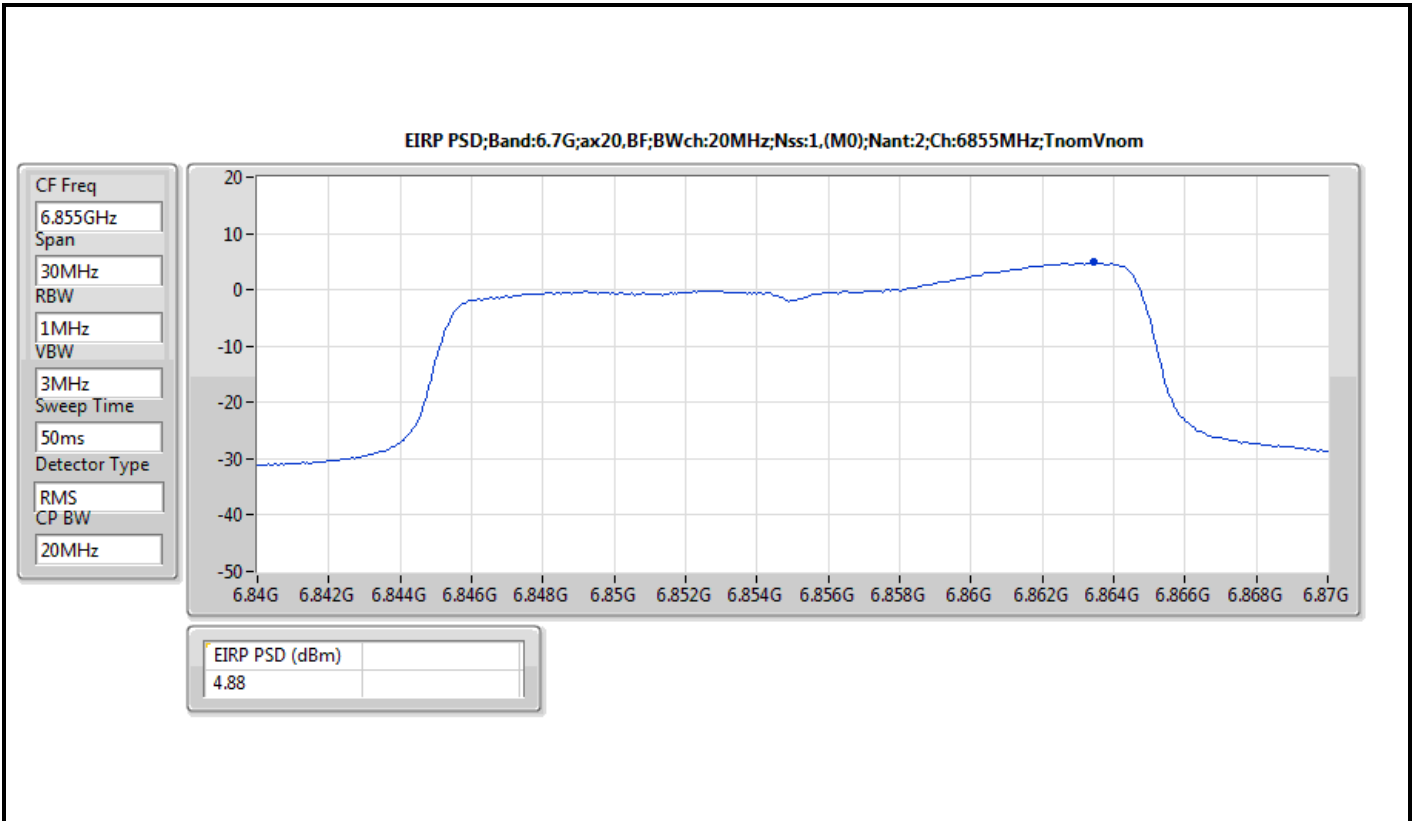
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

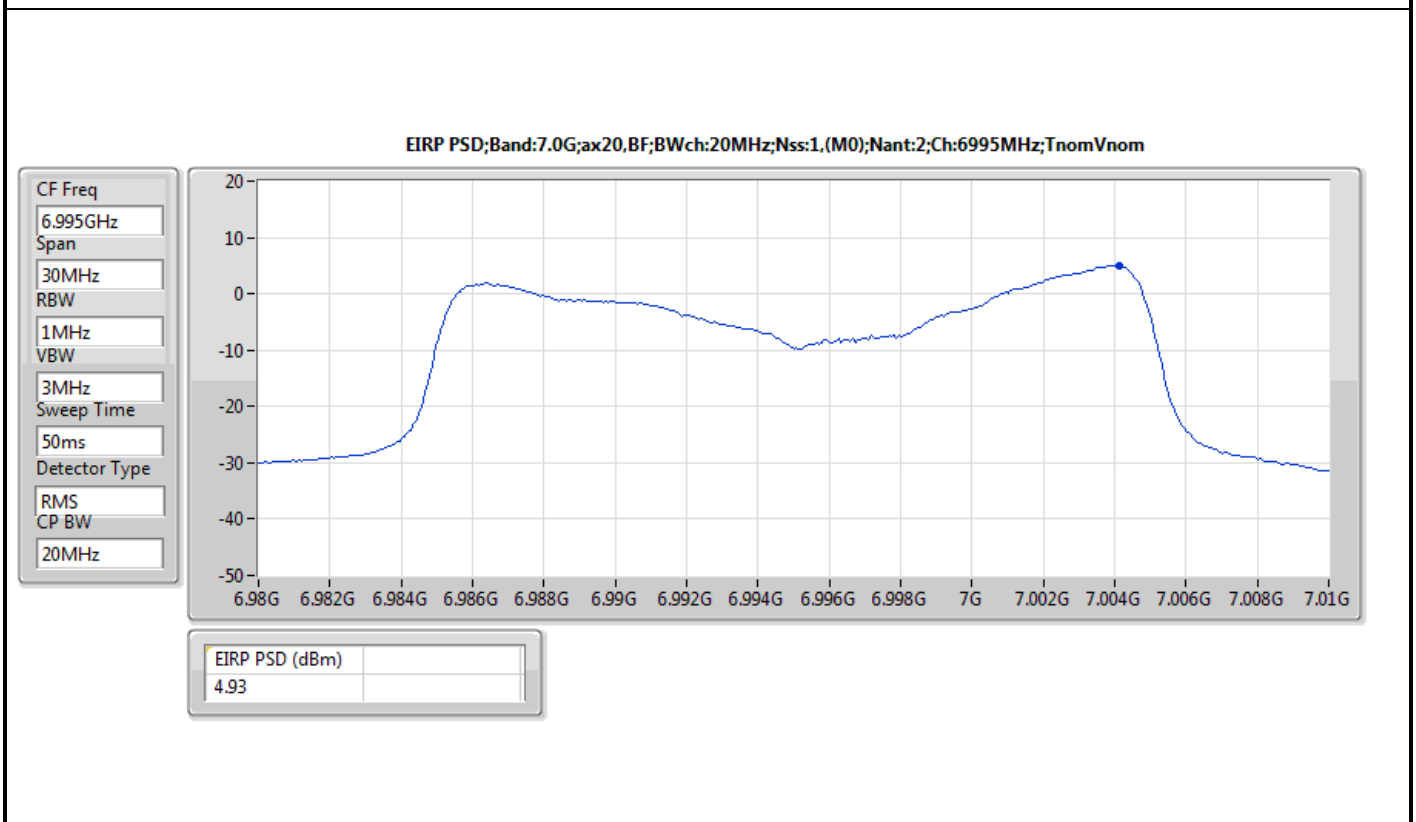
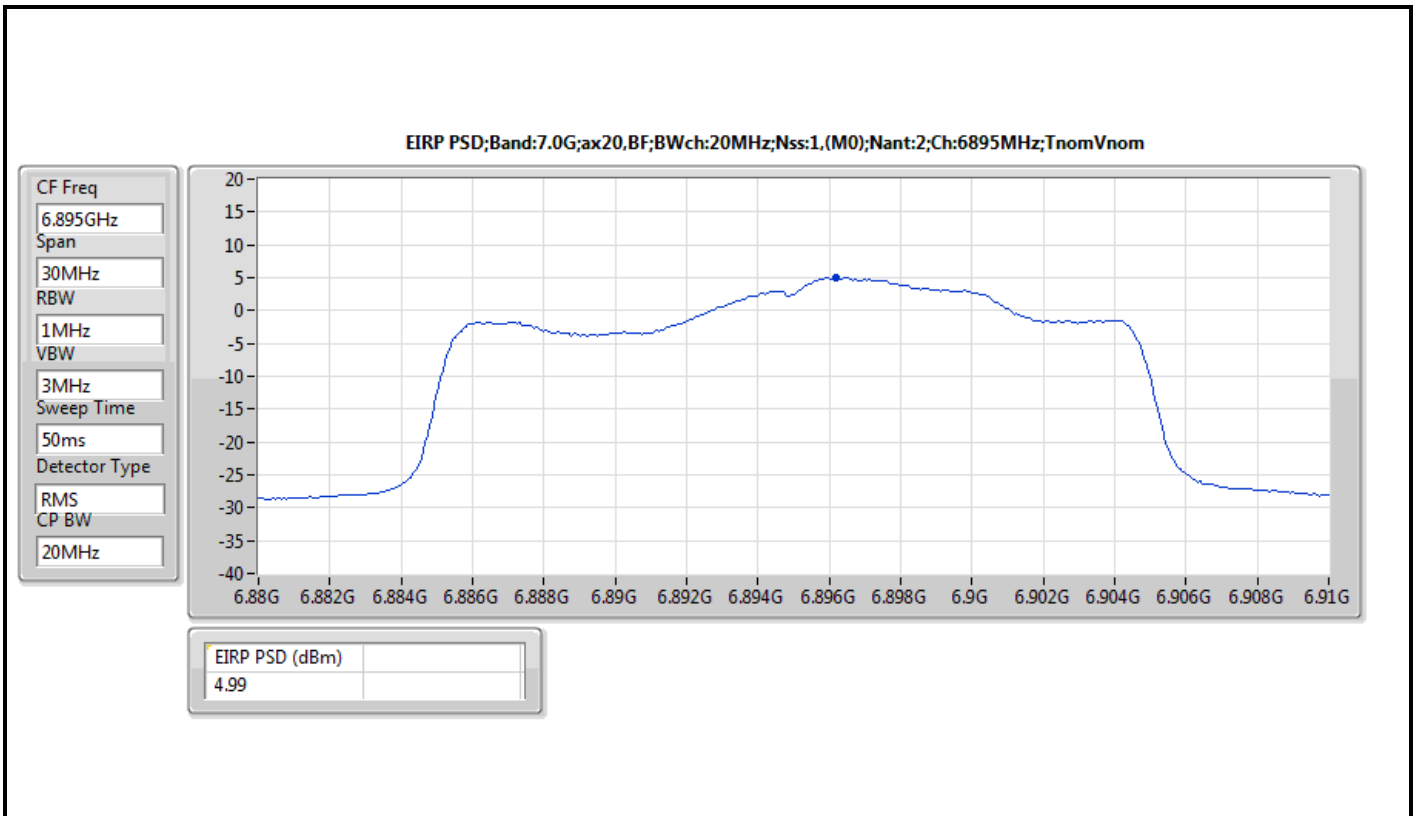






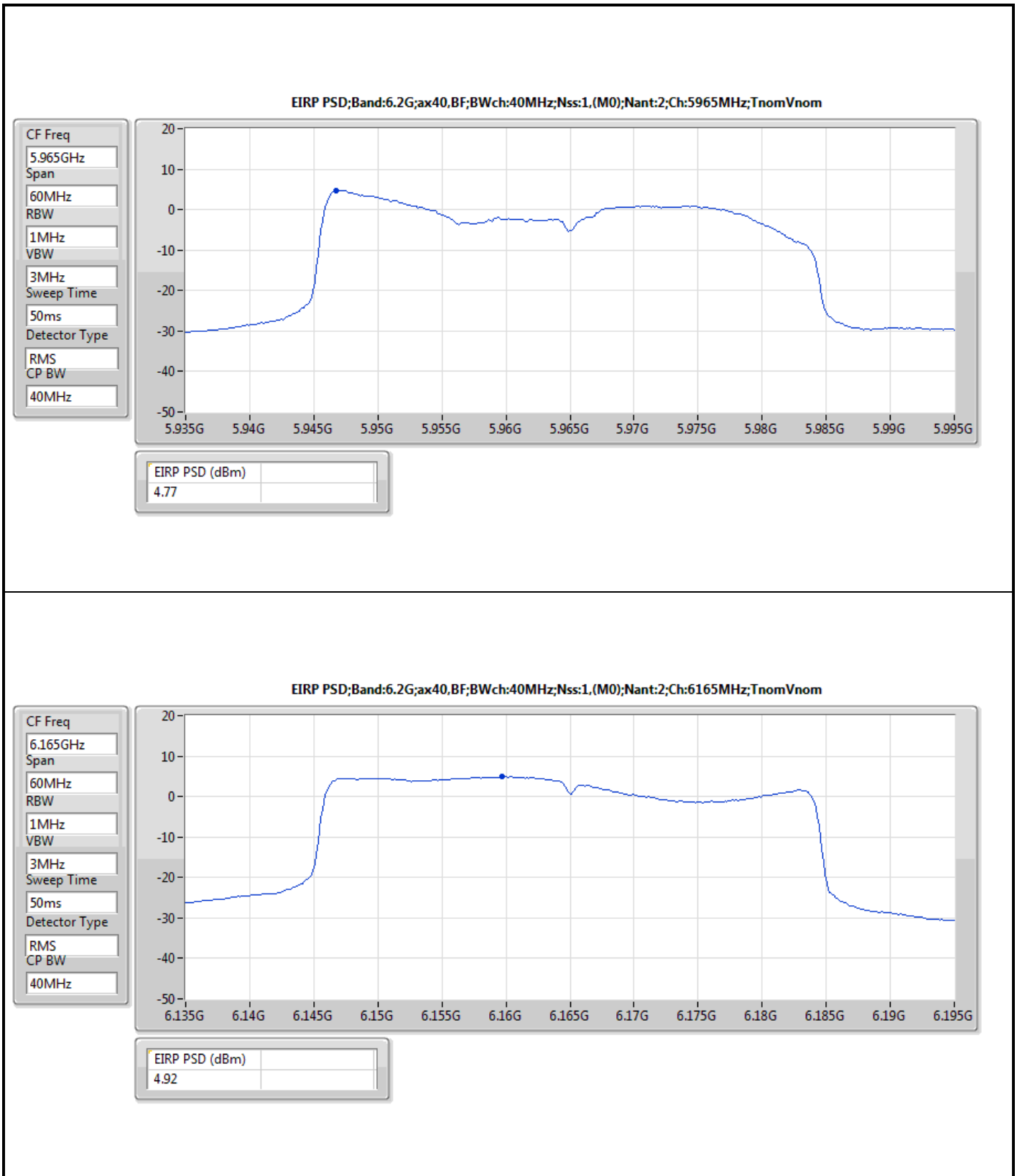




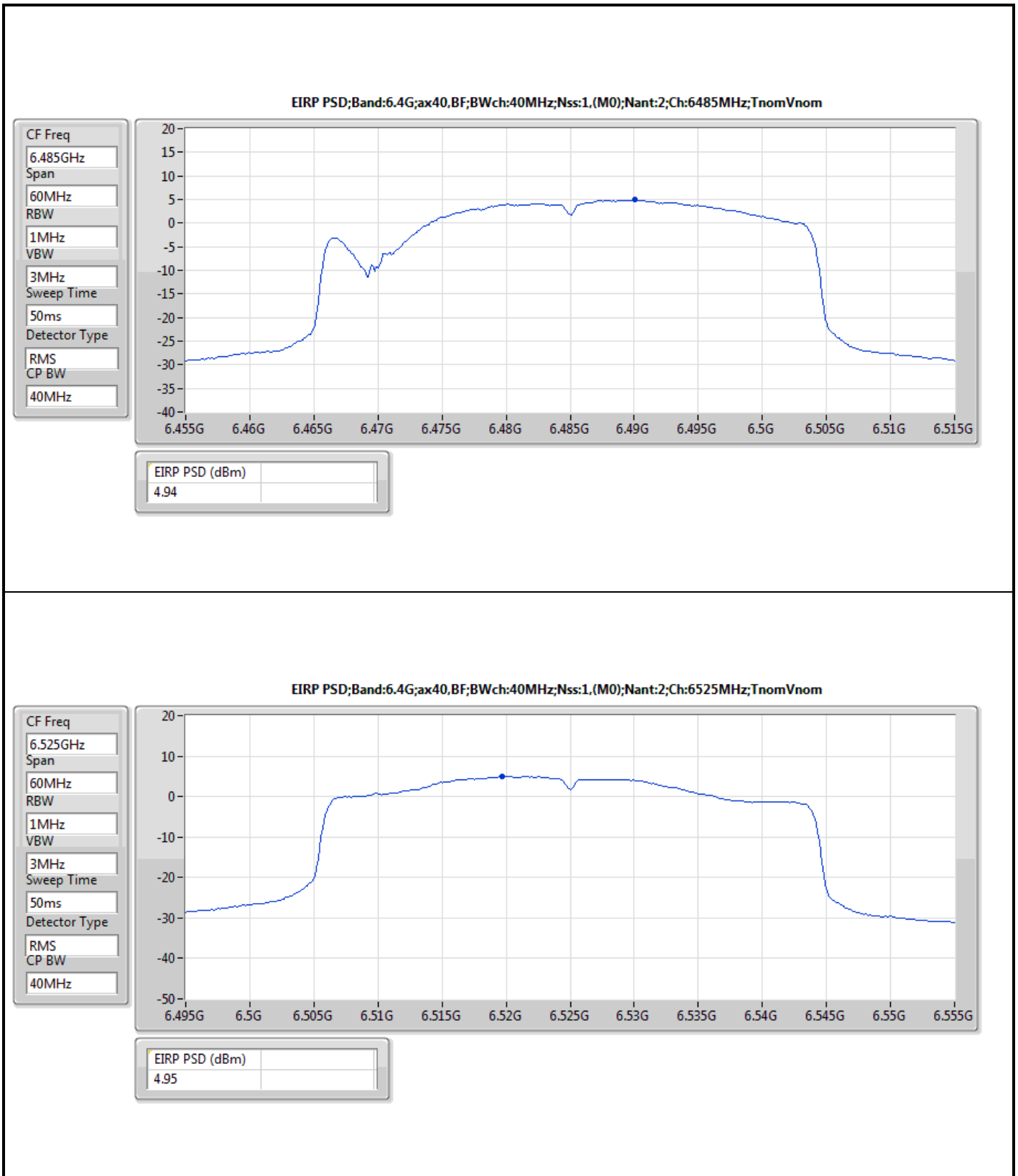


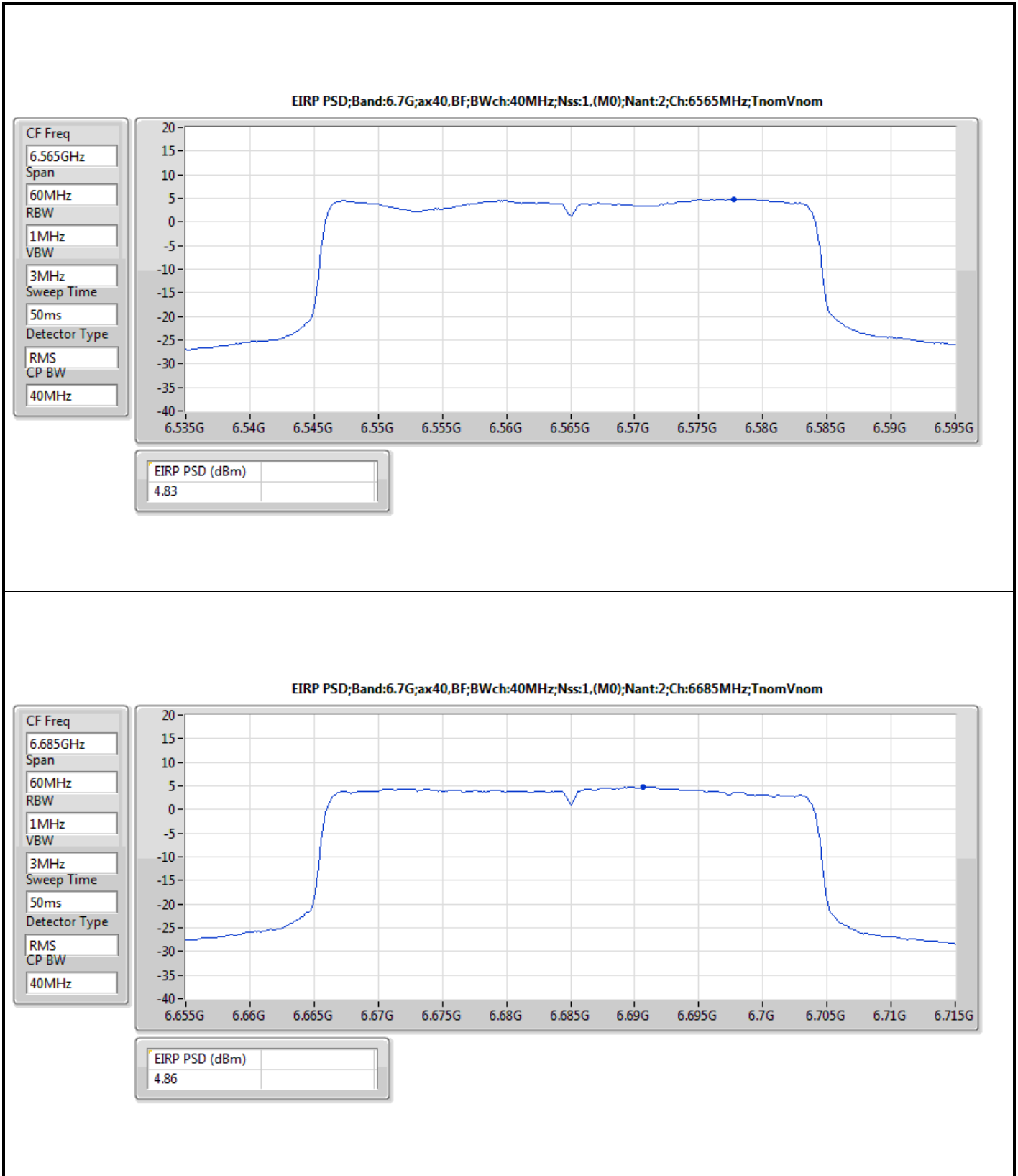




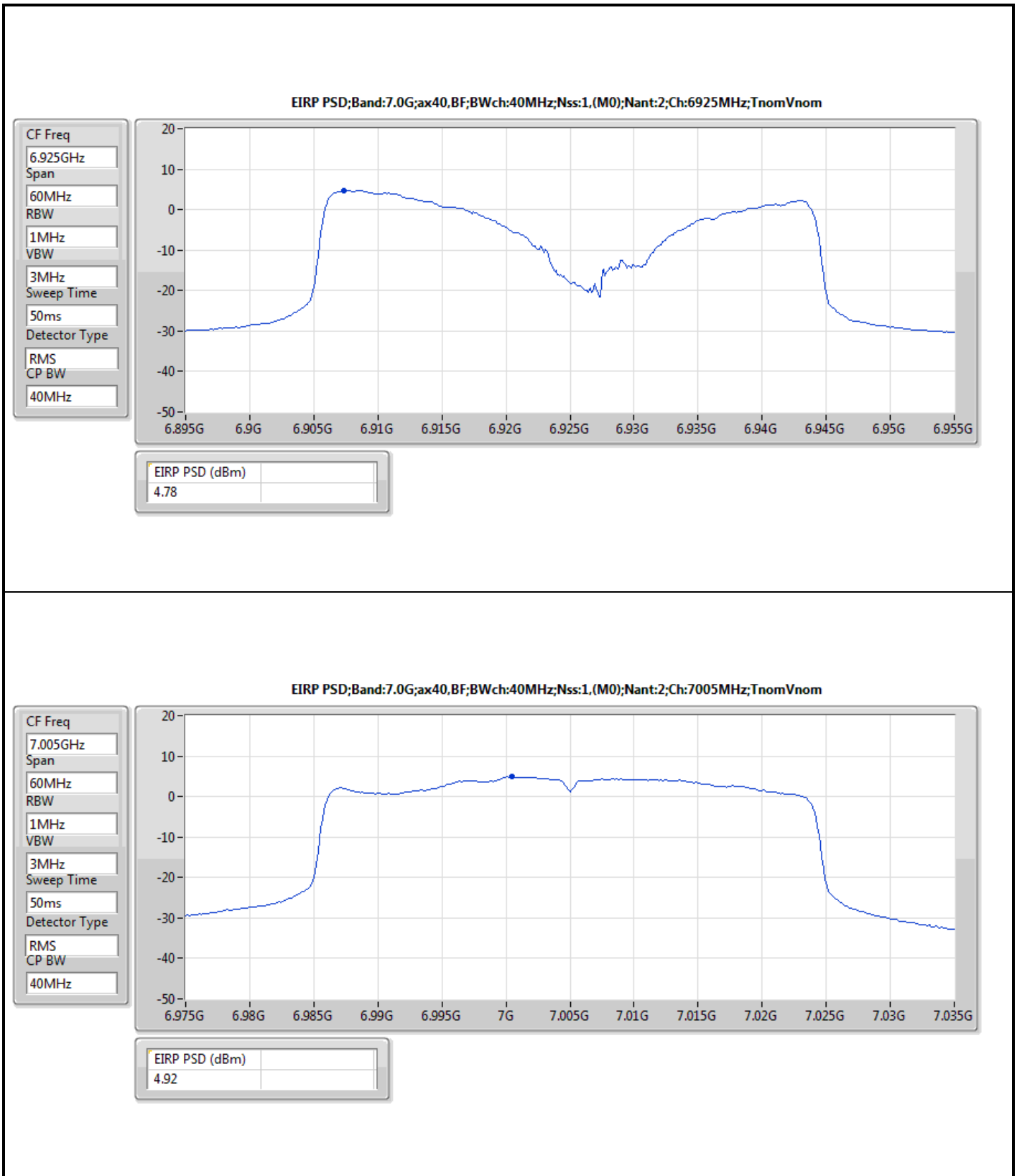






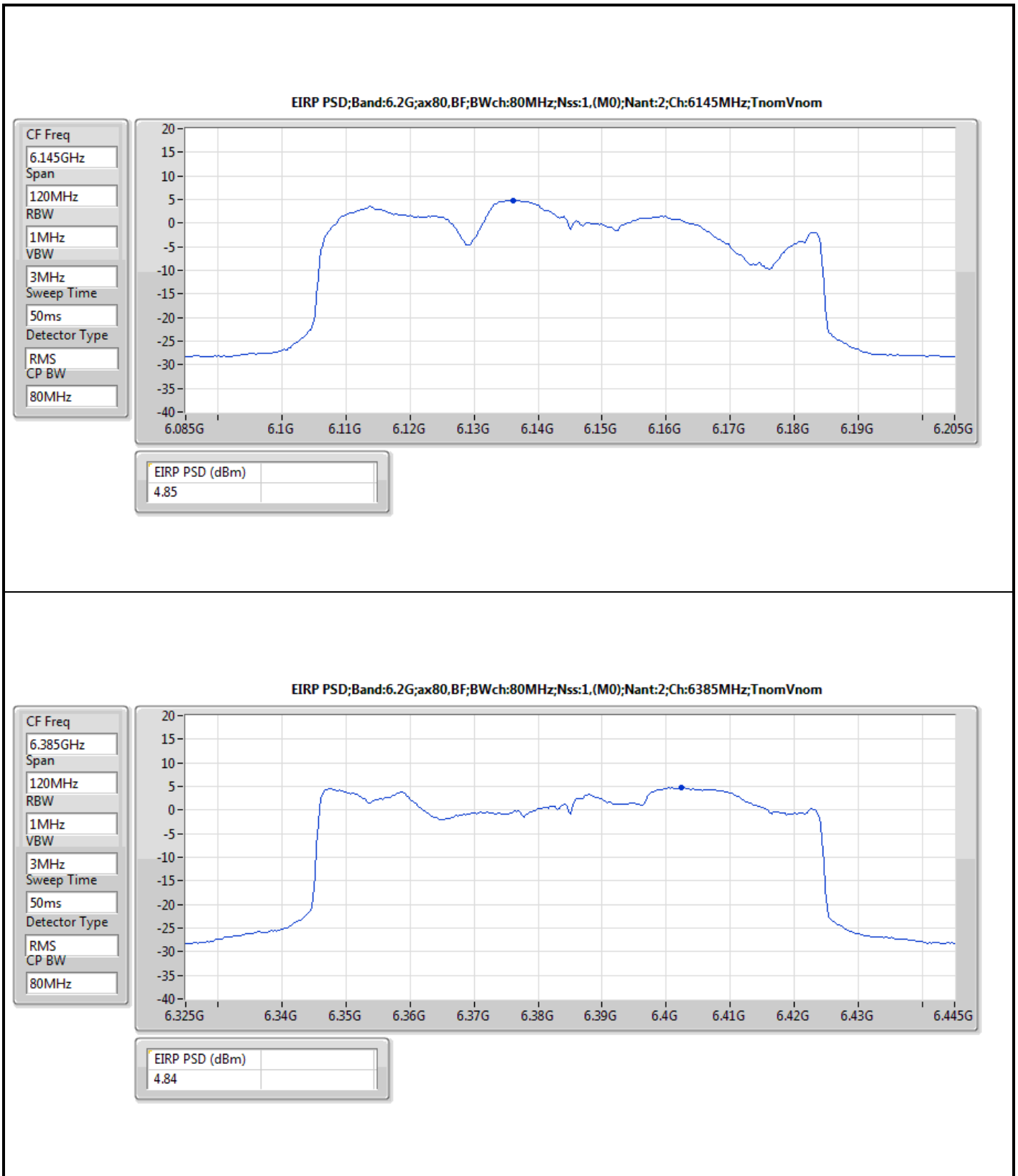


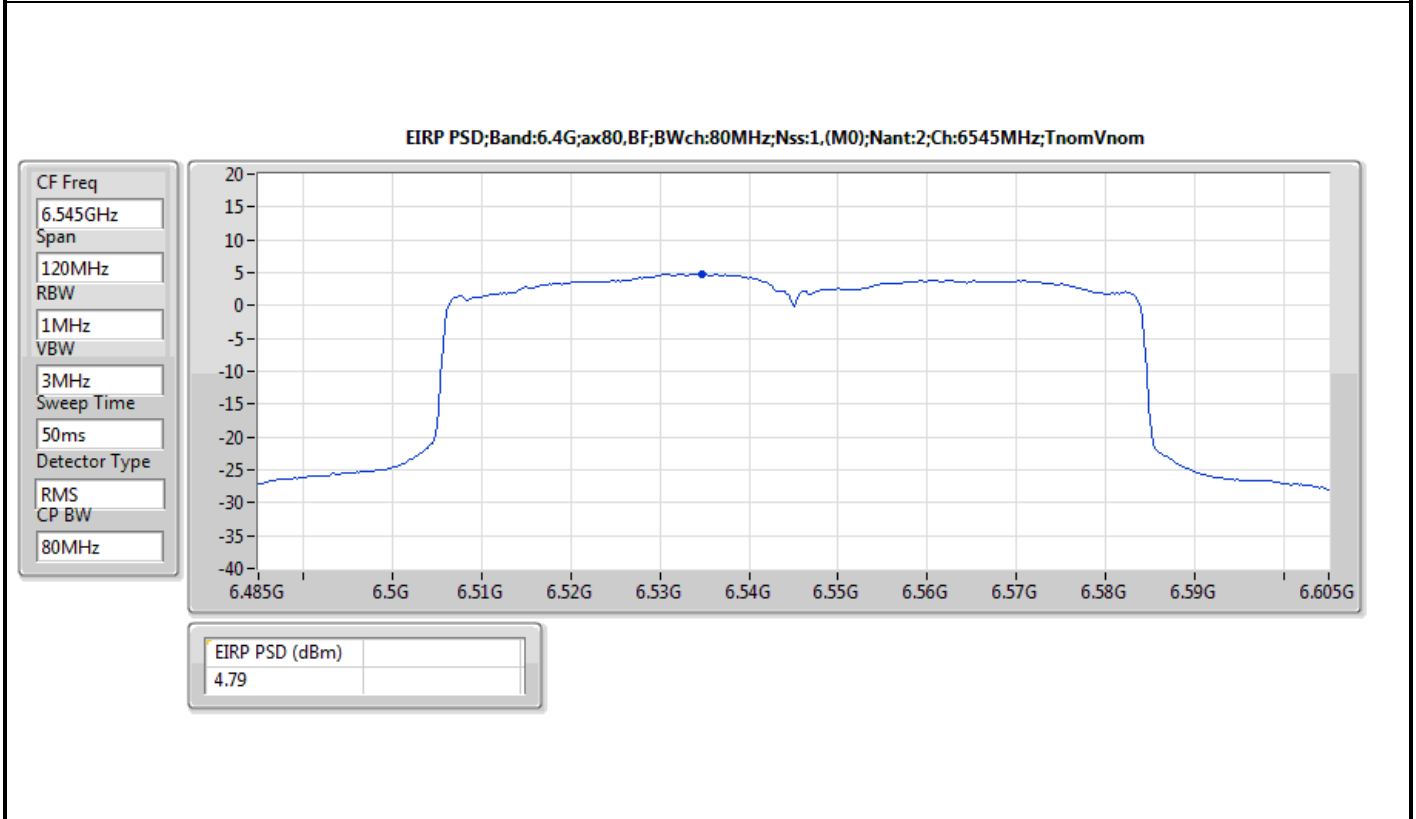
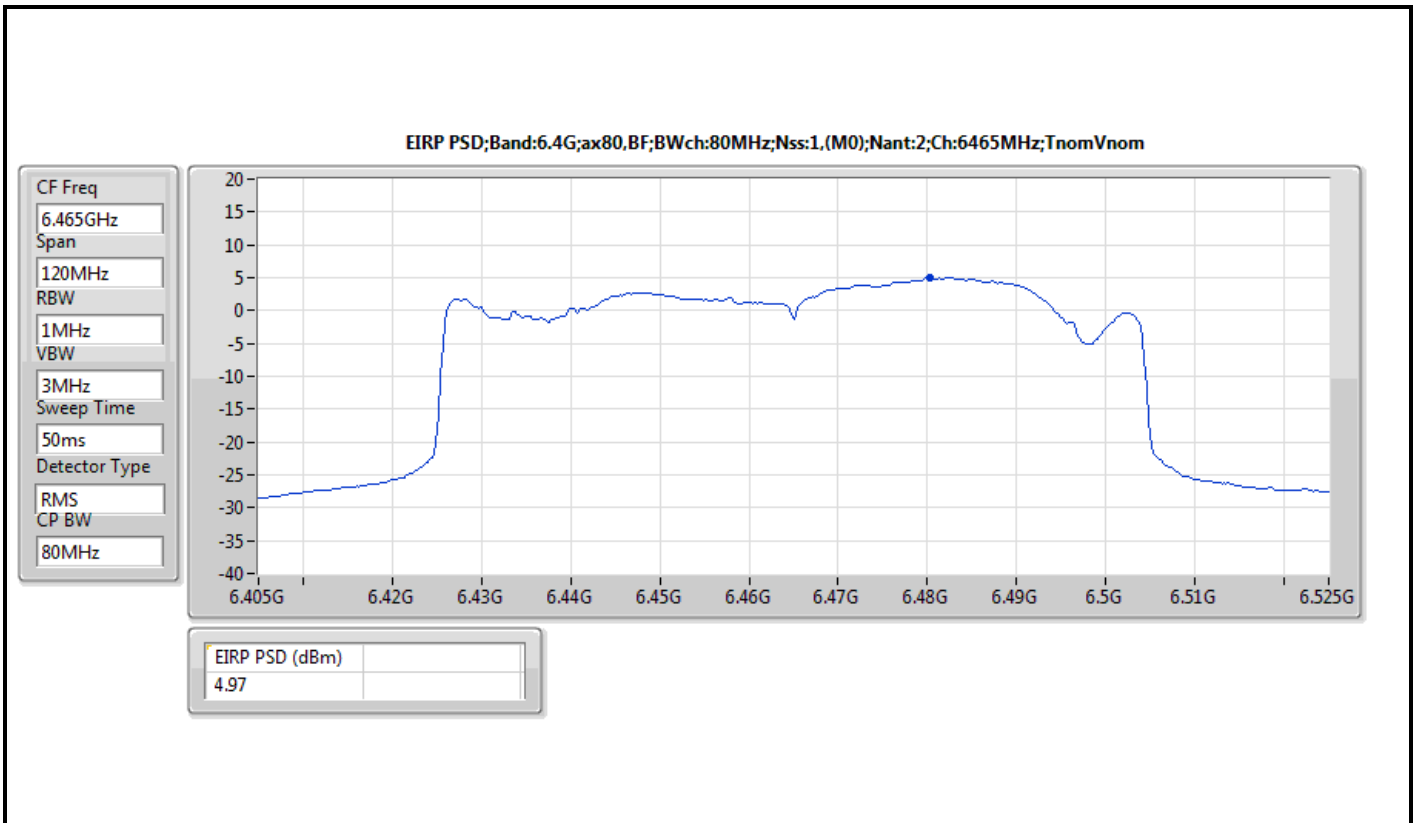


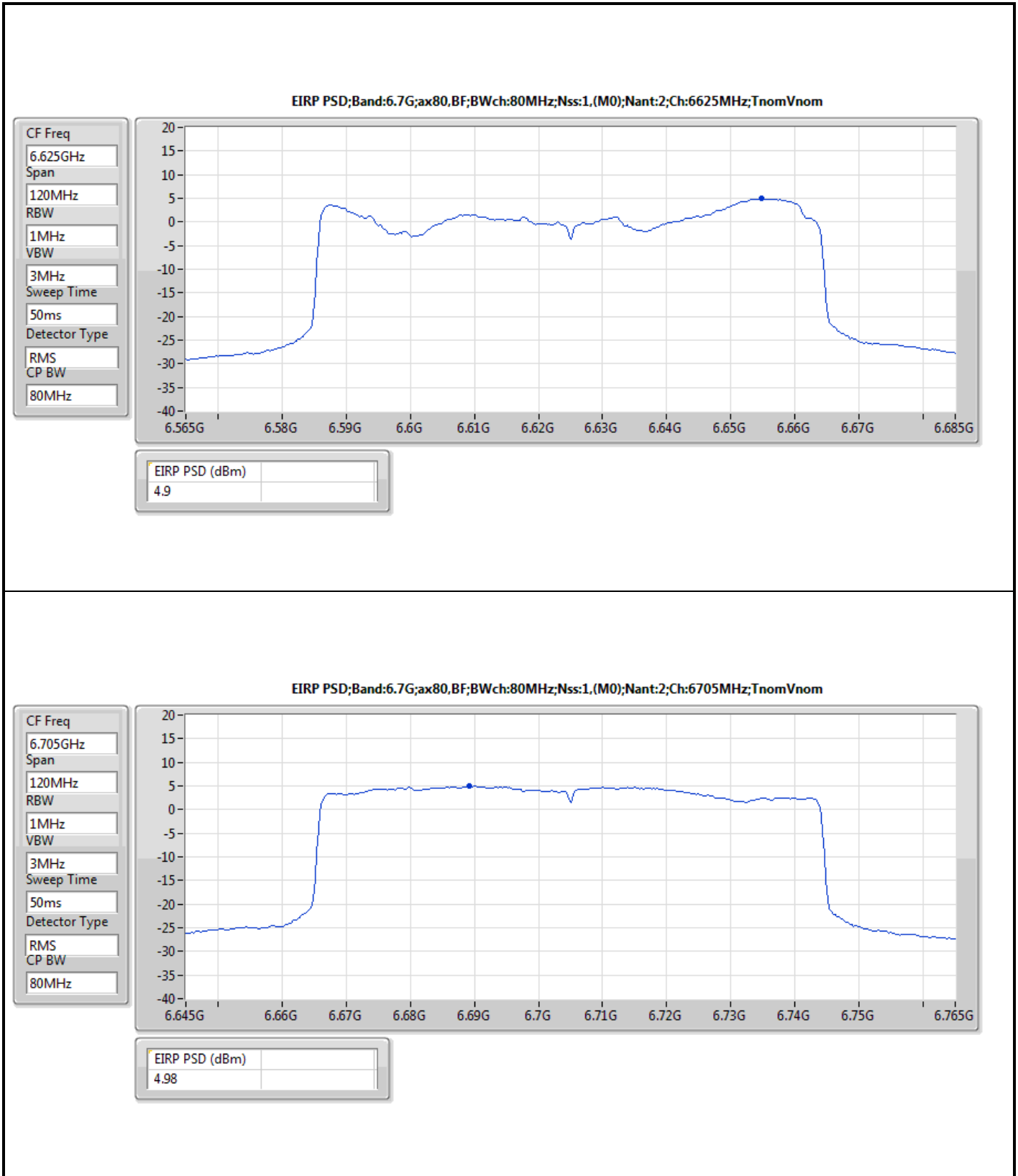


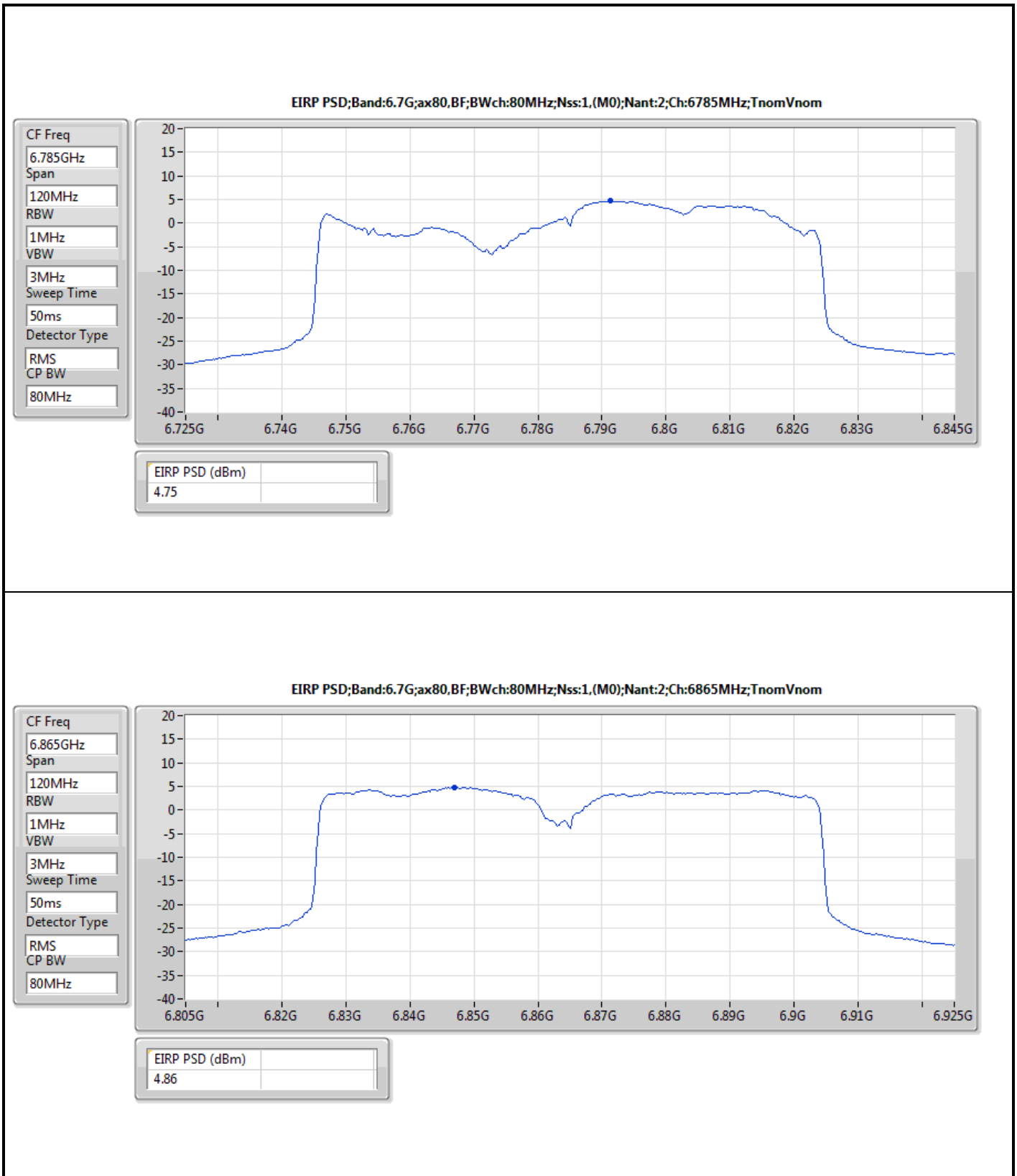


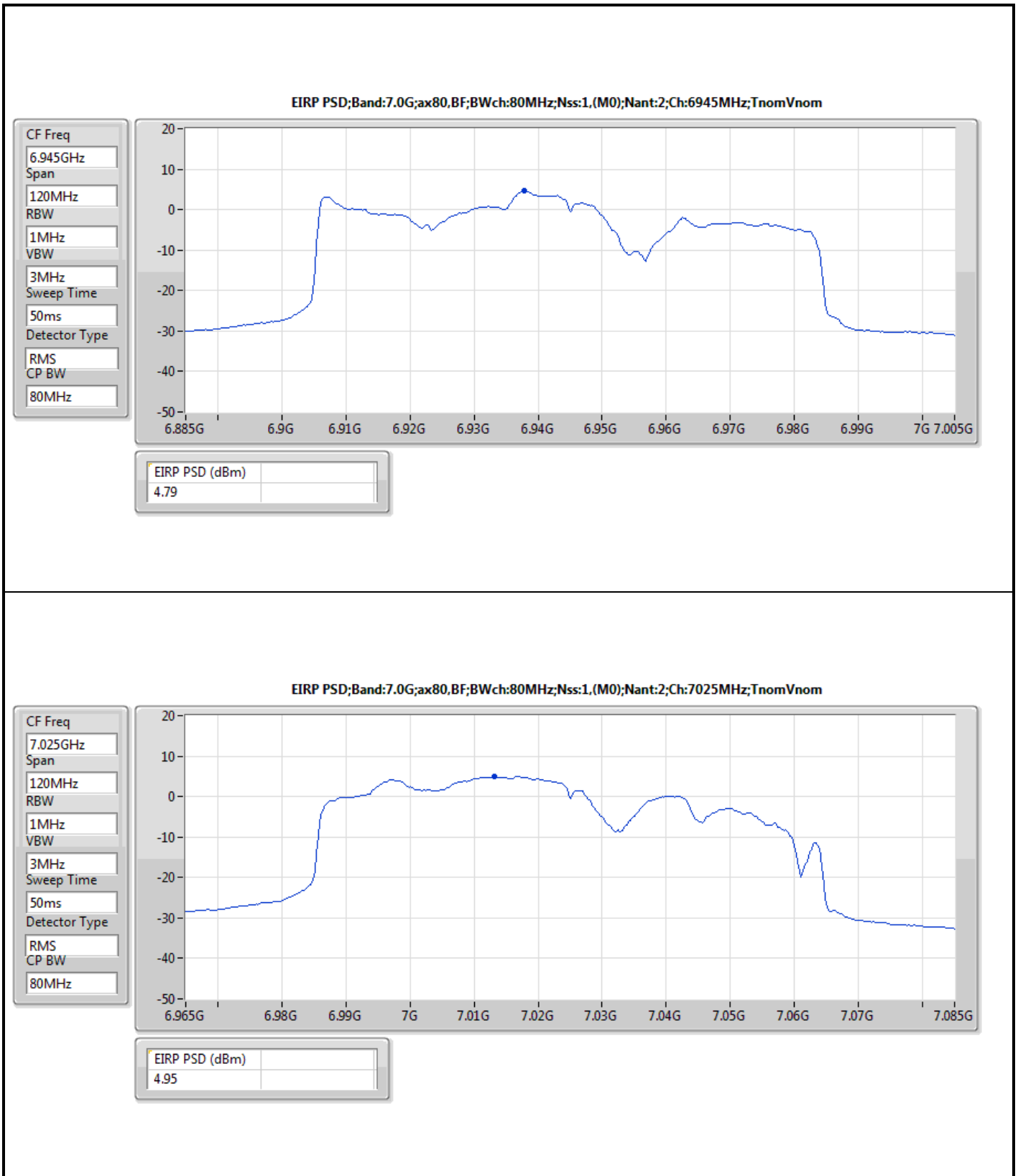










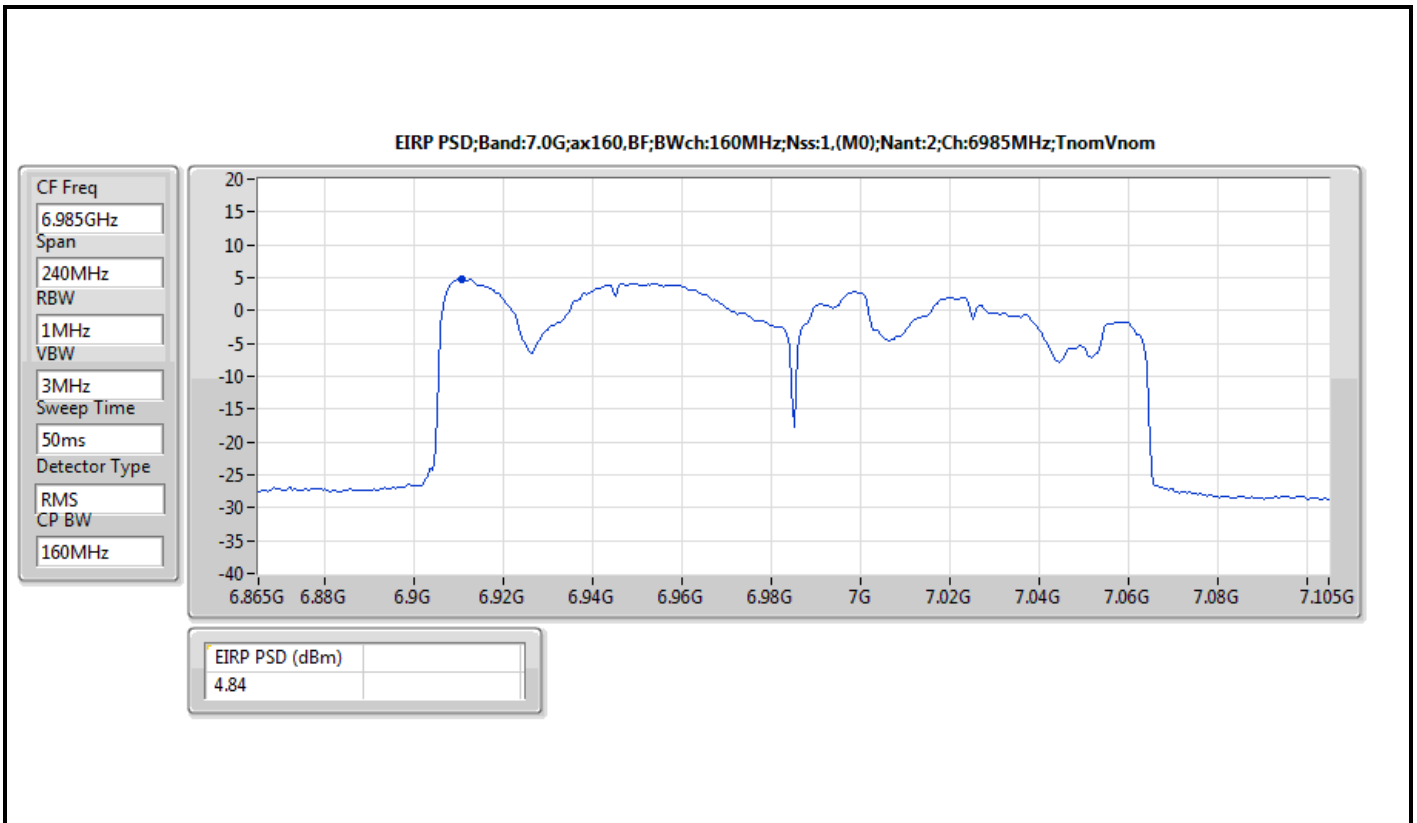










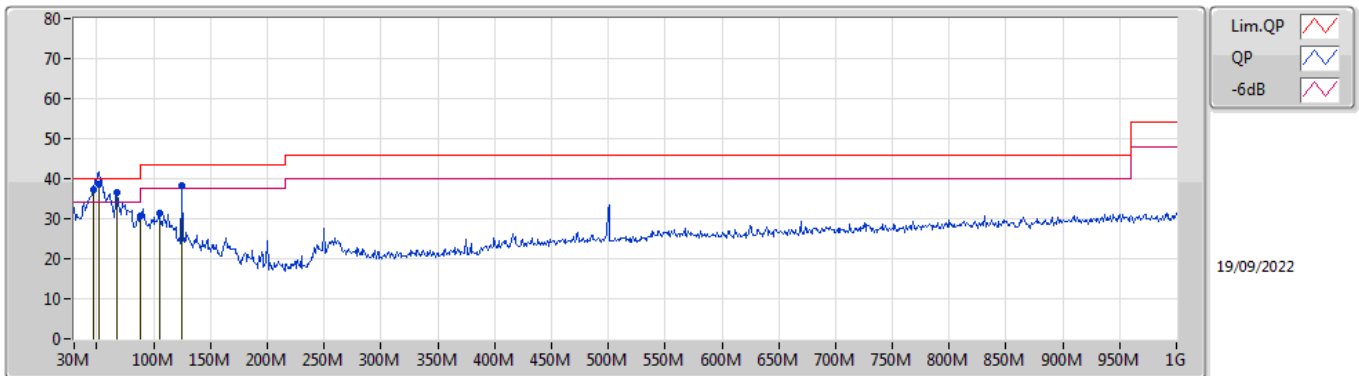




**Summary**

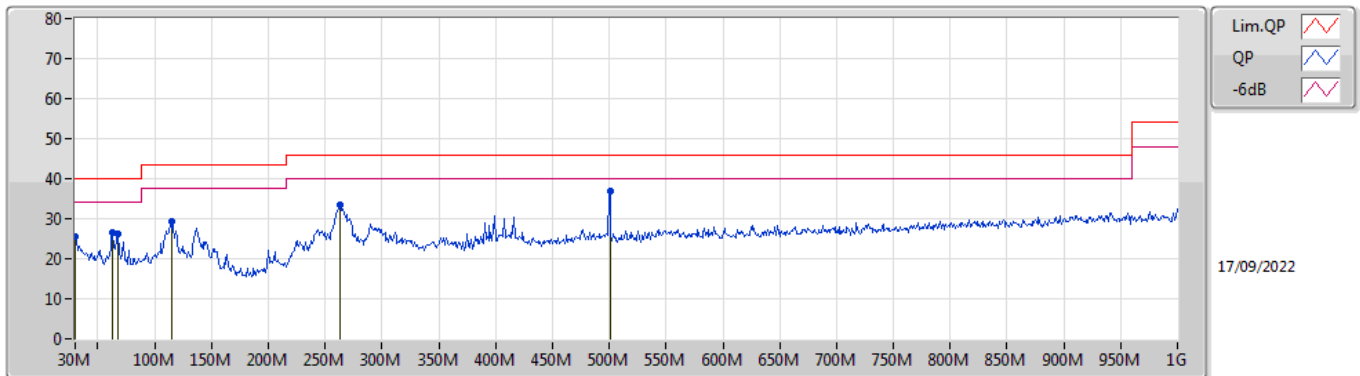
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	51.34M	38.63	40.00	-1.37	Vertical

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	46.49M	37.12	40.00	-2.88	-15.48	3	Vertical	357	1.00	-	52.60	15.33	1.03	31.84
QP	51.34M	38.63	40.00	-1.37	-17.27	3	Vertical	360	1.00	"Worst"	55.90	13.50	1.10	31.87
PK	67.83M	36.49	40.00	-3.51	-18.50	3	Vertical	323	1.00	-	54.99	12.19	1.26	31.95
PK	88M	30.78	43.50	-12.72	-16.34	3	Vertical	360	1.00	-	47.12	14.15	1.46	31.95
PK	104.69M	31.24	43.50	-12.26	-13.20	3	Vertical	34	1.00	-	44.44	17.25	1.52	31.97
PK	125.06M	38.20	43.50	-5.30	-12.44	3	Vertical	261	1.00	-	50.64	17.89	1.65	31.98

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	30M	25.62	40.00	-14.38	-6.76	3	Horizontal	106	1.00	-	32.38	23.99	0.80	31.55
PK	62.98M	26.38	40.00	-13.62	-18.51	3	Horizontal	193	1.00	-	44.89	12.22	1.20	31.93
PK	67.83M	26.21	40.00	-13.79	-18.50	3	Horizontal	106	1.00	-	44.71	12.19	1.26	31.95
PK	115.36M	29.35	43.50	-14.15	-12.51	3	Horizontal	229	1.00	-	41.86	17.88	1.58	31.97
PK	262.8M	33.51	46.00	-12.49	-10.29	3	Horizontal	266	1.00	-	43.80	19.19	2.55	32.03
PK	500.45M	36.77	46.00	-9.23	-5.60	3	Horizontal	250	1.00	"Worst"	42.37	23.20	3.60	32.40

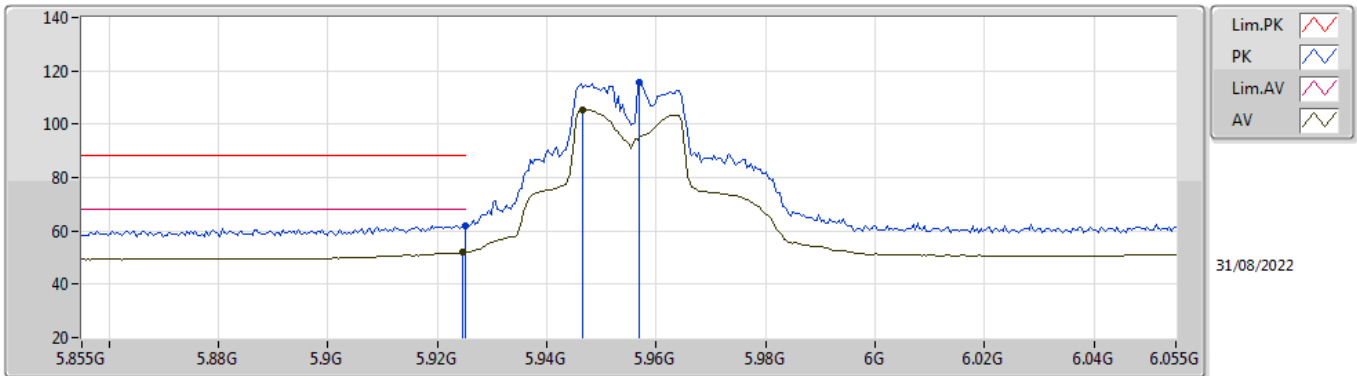


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.875-7.125GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	RMS	7.1255G	68.19	68.20	-0.01	3	Vertical	195	2.20	-

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5955MHz\_TnomVnom

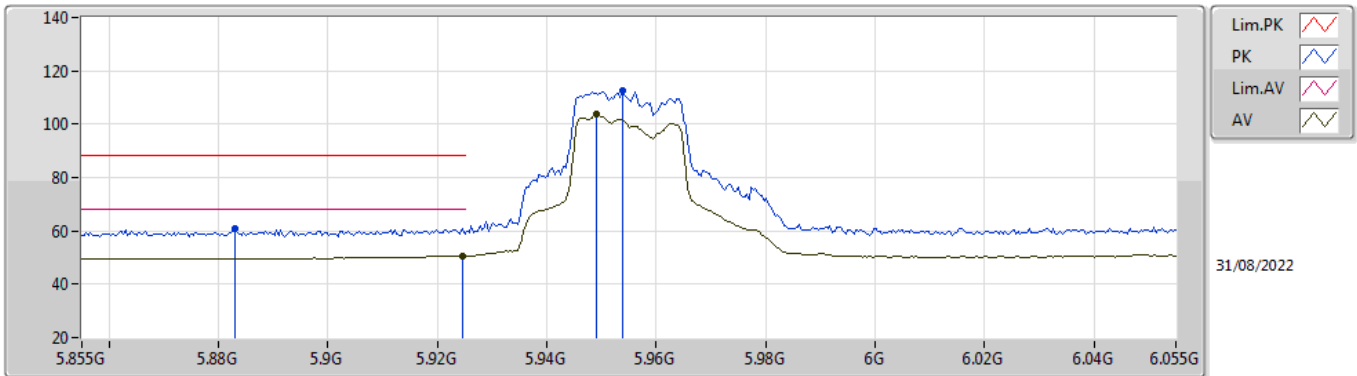


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.925G	62.09	88.20	-26.11	53.30	3	Vertical	360	2.10	-	35.00	6.60	32.81
RMS	5.9246G	51.86	68.20	-16.34	43.07	3	Vertical	360	2.10	-	35.00	6.60	32.81
PK	5.957G	115.46	Inf	-Inf	106.55	3	Vertical	360	2.10	-	35.13	6.60	32.82
RMS	5.9466G	105.55	Inf	-Inf	96.68	3	Vertical	360	2.10	-	35.09	6.60	32.82

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 5955MHz\_TnomVnom

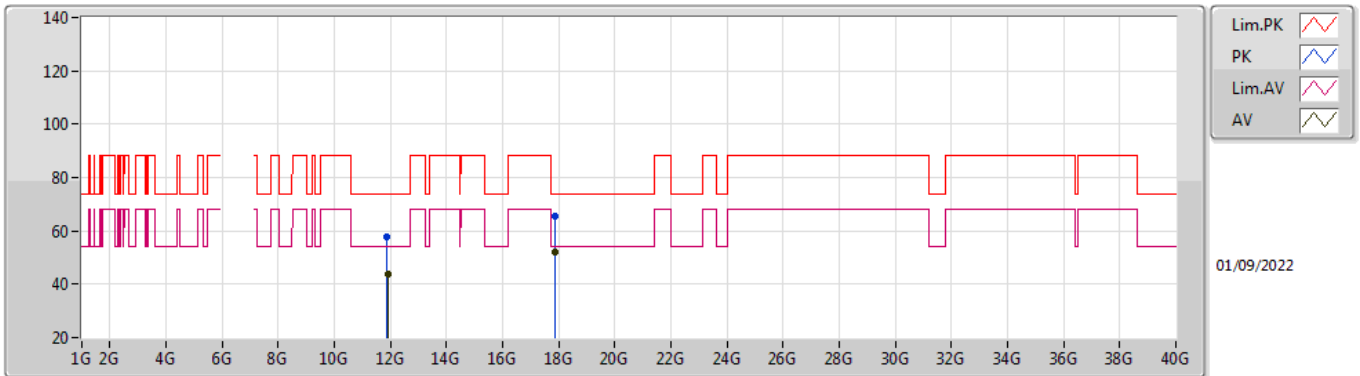


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.883G	60.75	88.20	-27.45	52.07	3	Horizontal	172	2.04	-	34.87	6.60	32.79
RMS	5.9246G	50.56	68.20	-17.64	41.77	3	Horizontal	172	2.04	-	35.00	6.60	32.81
PK	5.9538G	112.71	Inf	-Inf	103.81	3	Horizontal	172	2.04	-	35.12	6.60	32.82
RMS	5.949G	103.60	Inf	-Inf	94.72	3	Horizontal	172	2.04	-	35.10	6.60	32.82

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5955MHz\_TnomVnom



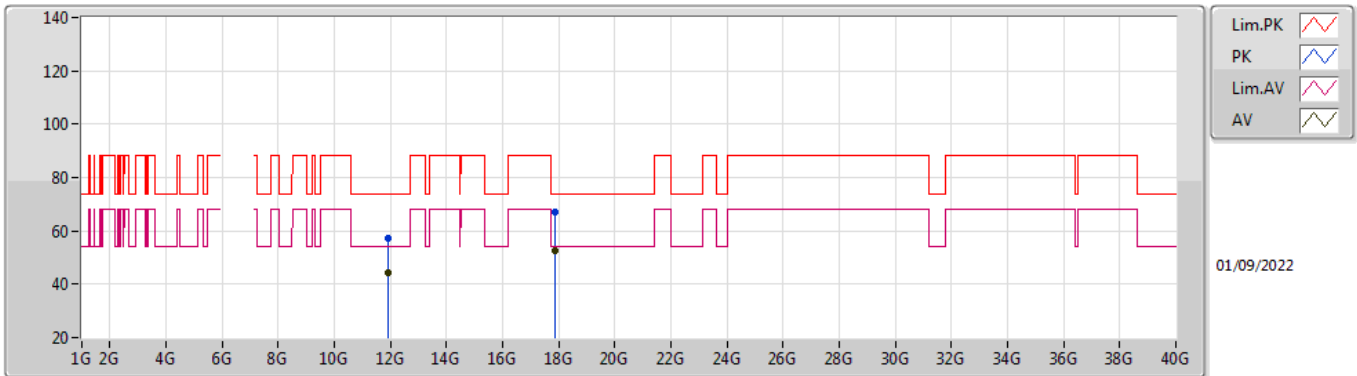
EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.8927G	57.87	74.00	-16.13	41.98	3	Vertical	195	1.80	-	38.50	8.97	31.58
AV	11.8998G	43.88	54.00	-10.12	27.99	3	Vertical	195	1.80	-	38.50	8.97	31.58
PK	17.8732G	65.69	74.00	-8.31	42.60	3	Vertical	229	1.80	-	42.69	11.06	30.66
AV	17.8871G	52.02	54.00	-1.98	28.87	3	Vertical	229	1.80	-	42.75	11.07	30.67



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 5955MHz\_TnomVnom

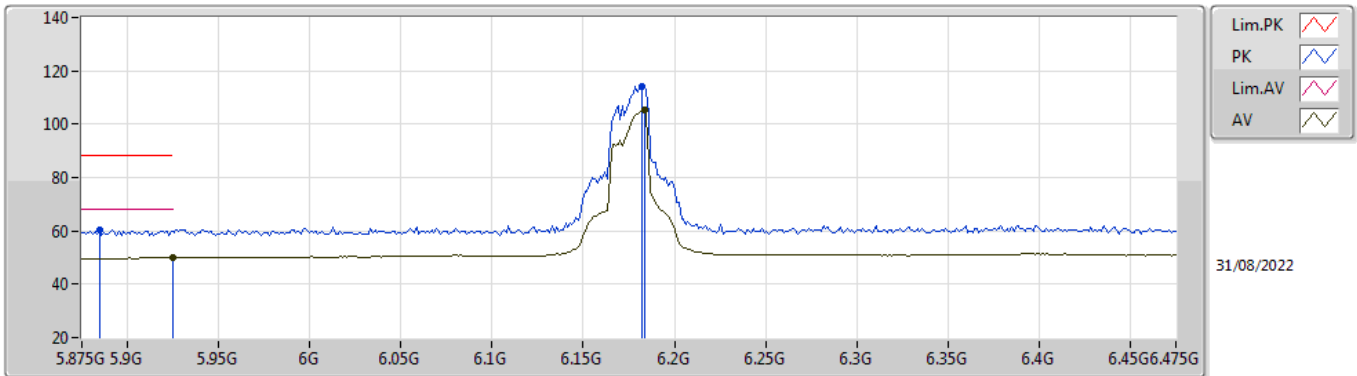


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.9209G	57.46	74.00	-16.54	41.55	3	Horizontal	119	1.60	-	38.50	8.98	31.57
AV	11.9003G	44.26	54.00	-9.74	28.36	3	Horizontal	119	1.60	-	38.50	8.98	31.58
PK	17.8717G	66.89	74.00	-7.11	43.80	3	Horizontal	302	1.80	-	42.69	11.06	30.66
AV	17.8775G	52.67	54.00	-1.33	29.57	3	Horizontal	302	1.80	-	42.71	11.06	30.67

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6175MHz\_TnomVnom

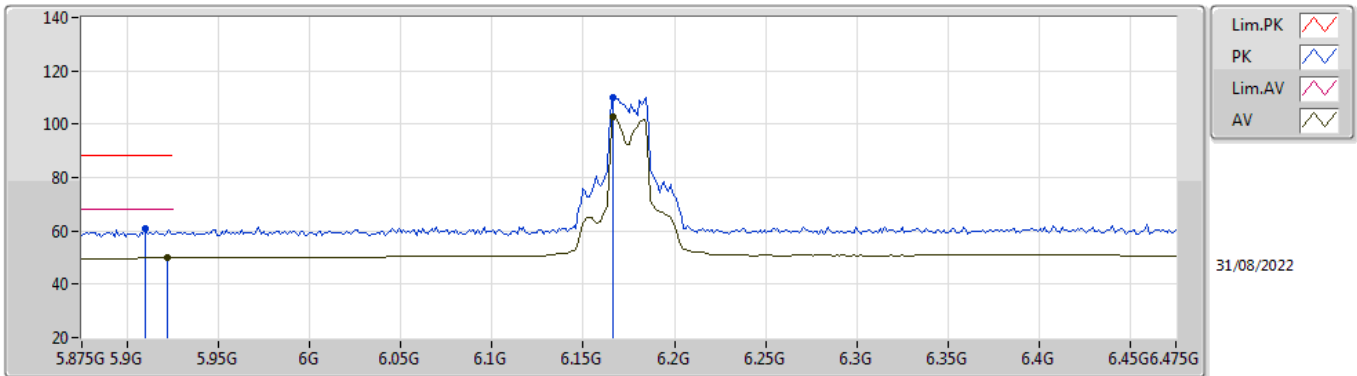


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8846G	60.26	88.20	-27.94	51.58	3	Vertical	204	1.80	-	34.87	6.60	32.79
RMS	5.925G	50.18	68.20	-18.02	41.39	3	Vertical	204	1.80	-	35.00	6.60	32.81
PK	6.1822G	114.27	Inf	-Inf	104.82	3	Vertical	204	1.80	-	35.43	6.87	32.85
RMS	6.1834G	105.22	Inf	-Inf	95.76	3	Vertical	204	1.80	-	35.43	6.88	32.85

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6175MHz\_TnomVnom

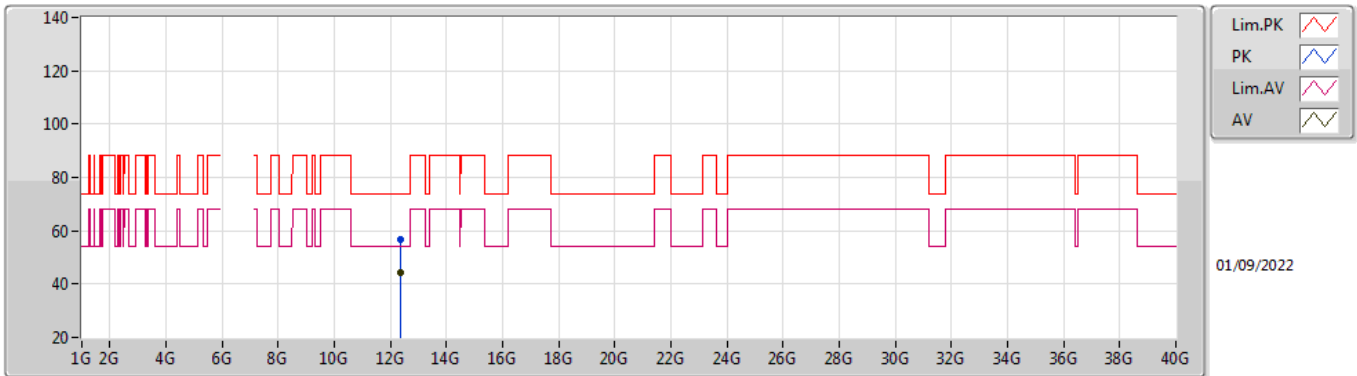


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9098G	60.95	88.20	-27.25	52.21	3	Horizontal	6	1.38	-	34.94	6.60	32.80
RMS	5.9218G	49.96	68.20	-18.24	41.18	3	Horizontal	6	1.38	-	34.99	6.60	32.81
PK	6.1666G	110.14	Inf	-Inf	100.77	3	Horizontal	6	1.38	-	35.37	6.85	32.85
RMS	6.1666G	102.80	Inf	-Inf	93.43	3	Horizontal	6	1.38	-	35.37	6.85	32.85

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6175MHz\_TnomVnom

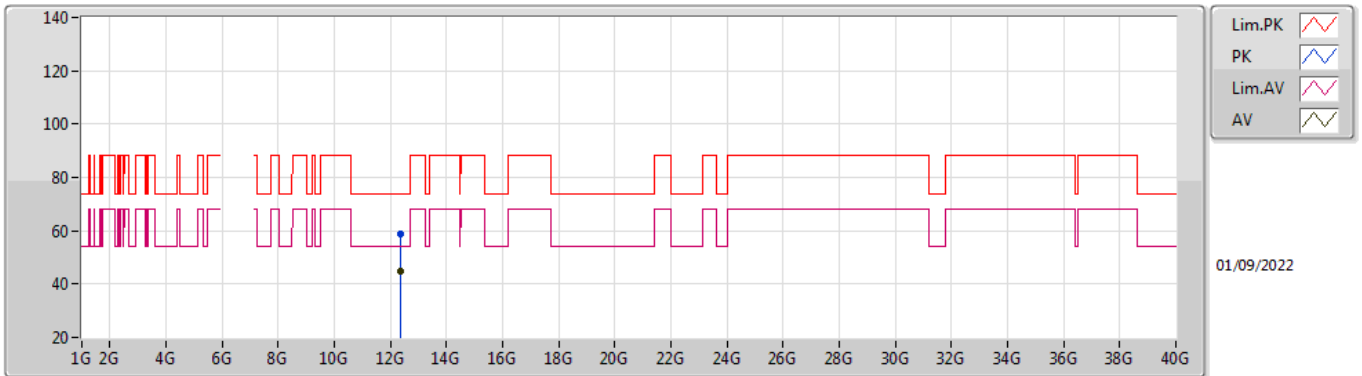


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.3665G	56.92	74.00	-17.08	40.71	3	Vertical	306	1.11	-	38.63	9.16	31.58
AV	12.3412G	44.49	54.00	-9.51	28.33	3	Vertical	306	1.11	-	38.58	9.15	31.57

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6175MHz\_TnomVnom

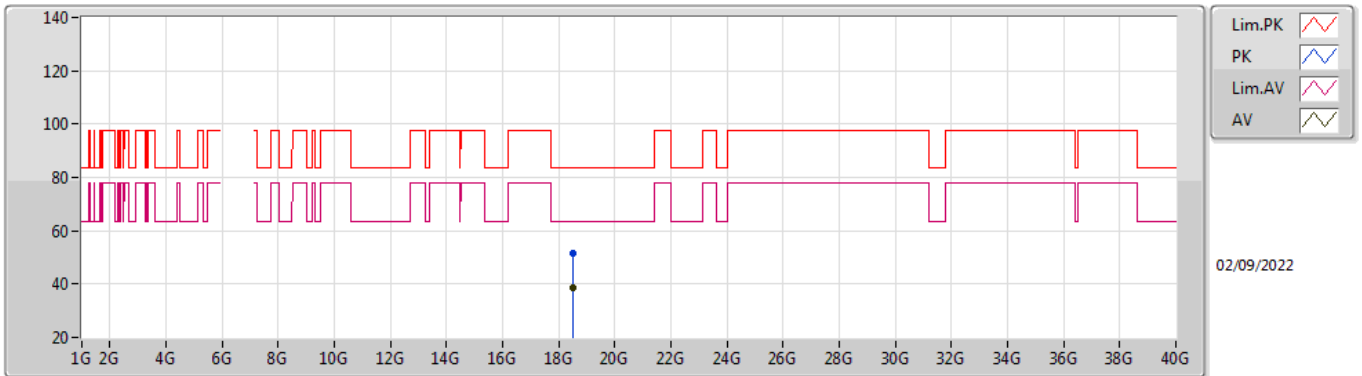


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.3628G	58.99	74.00	-15.01	42.78	3	Horizontal	156	2.96	-	38.63	9.16	31.58
AV	12.3634G	44.74	54.00	-9.26	28.53	3	Horizontal	156	2.96	-	38.63	9.16	31.58

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6175MHz\_TnomVnom

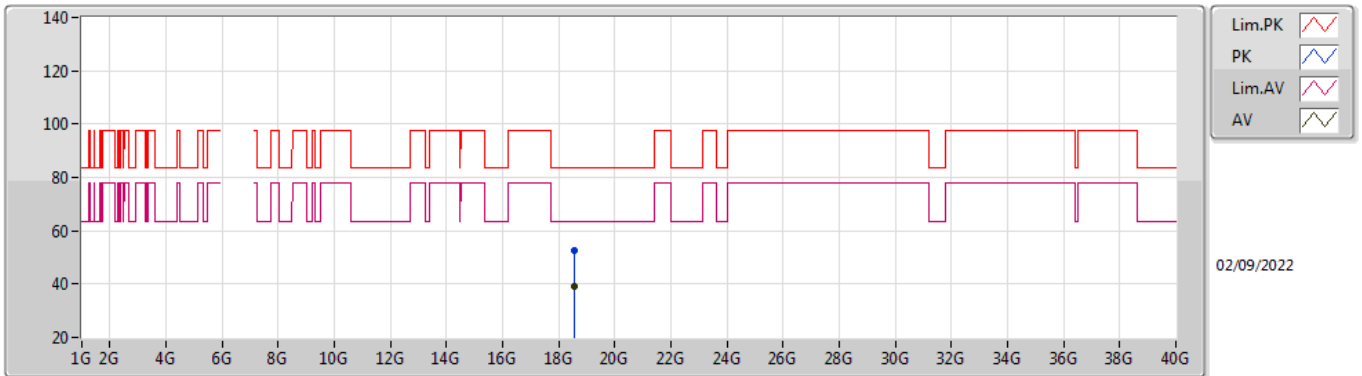


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	18.523G	51.62	83.54	-31.92	49.80	1	Vertical	330	1.60	-	37.84	14.58	50.60
AV	18.5149G	38.85	63.54	-24.69	37.05	1	Vertical	330	1.60	-	37.82	14.58	50.60

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6175MHz\_TnomVnom

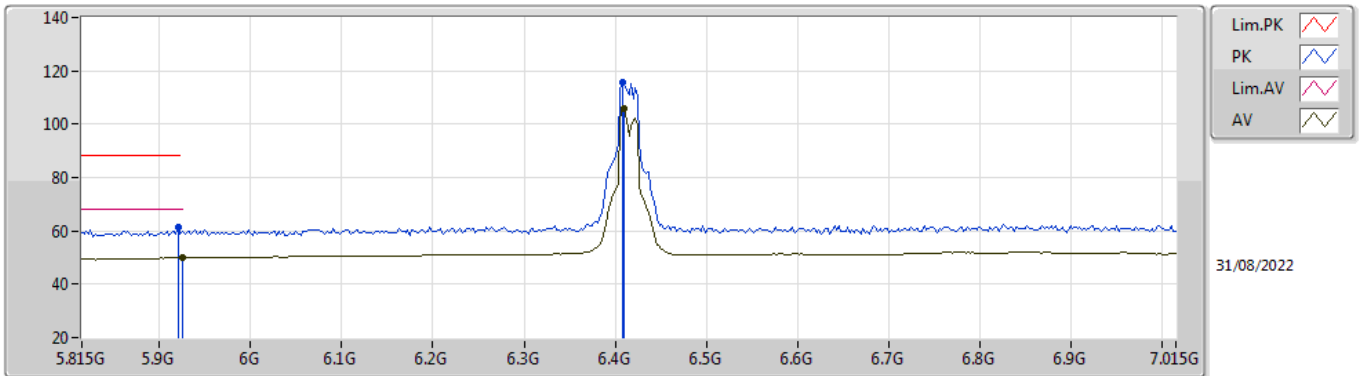


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	18.5359G	52.35	83.54	-31.19	50.50	1	Horizontal	308	1.60	-	37.86	14.59	50.60
AV	18.5389G	38.92	63.54	-24.62	37.07	1	Horizontal	308	1.60	-	37.86	14.59	50.60

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6415MHz\_TnomVnom



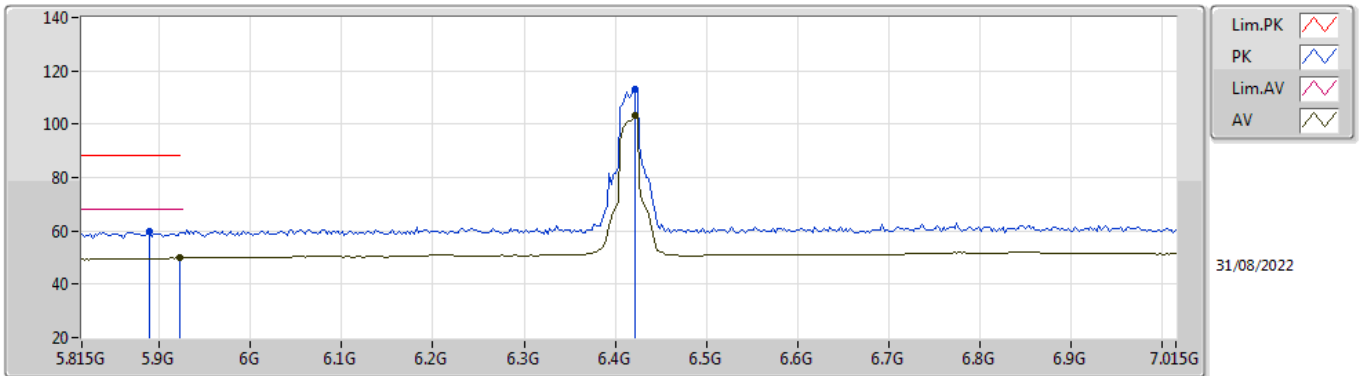
EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9206G	61.30	88.20	-26.90	52.53	3	Vertical	0	2.29	-	34.98	6.60	32.81
RMS	5.925G	49.98	68.20	-18.22	41.19	3	Vertical	0	2.29	-	35.00	6.60	32.81
PK	6.4078G	115.59	Inf	-Inf	105.88	3	Vertical	0	2.29	-	35.57	7.00	32.86
RMS	6.4102G	105.93	Inf	-Inf	96.23	3	Vertical	0	2.29	-	35.56	7.00	32.86



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6415MHz\_TnomVnom

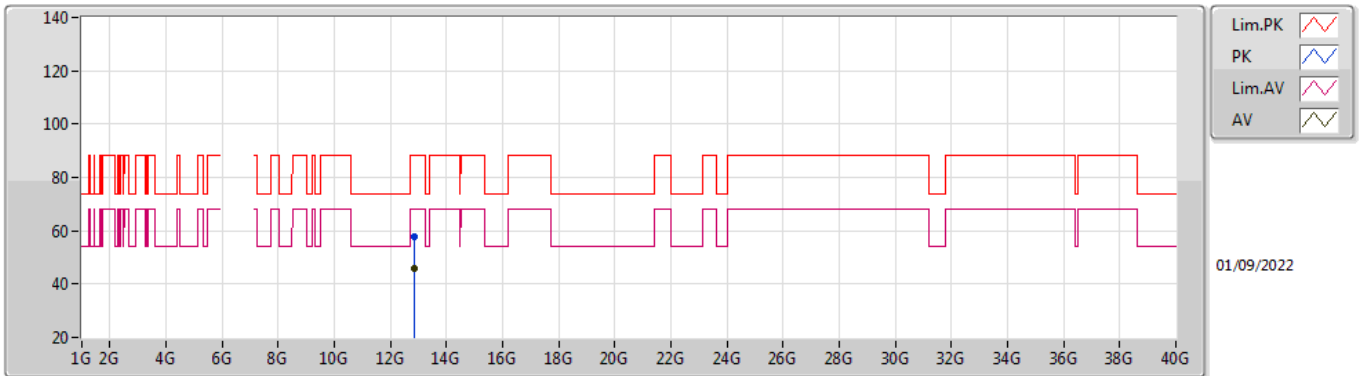


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8894G	59.81	88.20	-28.39	51.13	3	Horizontal	6	2.36	-	34.88	6.60	32.80
RMS	5.923G	49.90	68.20	-18.30	41.12	3	Horizontal	6	2.36	-	34.99	6.60	32.81
PK	6.4222G	113.29	Inf	-Inf	103.64	3	Horizontal	6	2.36	-	35.51	7.00	32.86
RMS	6.4222G	103.36	Inf	-Inf	93.71	3	Horizontal	6	2.36	-	35.51	7.00	32.86

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6415MHz\_TnomVnom

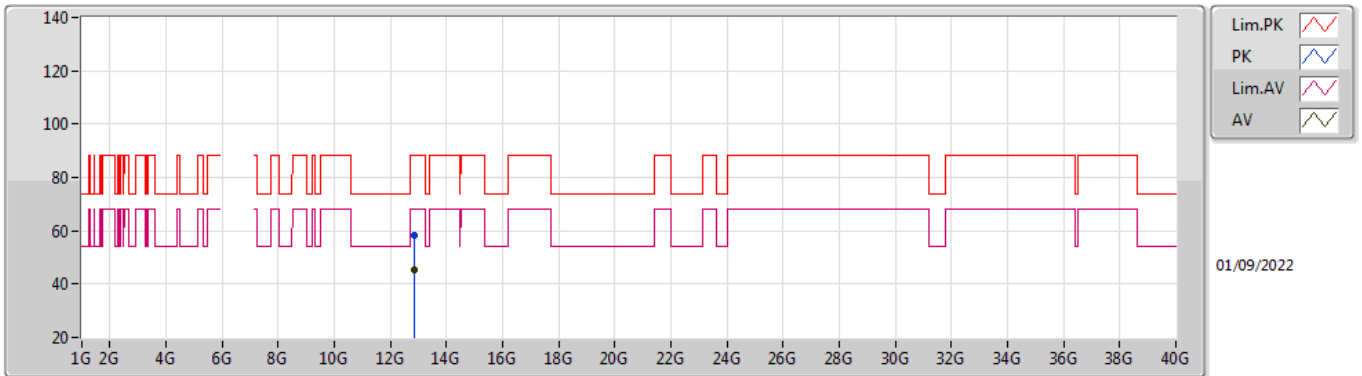


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.8293G	57.98	88.20	-30.22	40.27	3	Vertical	195	1.23	-	39.23	9.37	30.89
RMS	12.8512G	45.94	68.20	-22.26	28.15	3	Vertical	195	1.23	-	39.25	9.38	30.84

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6415MHz\_TnomVnom

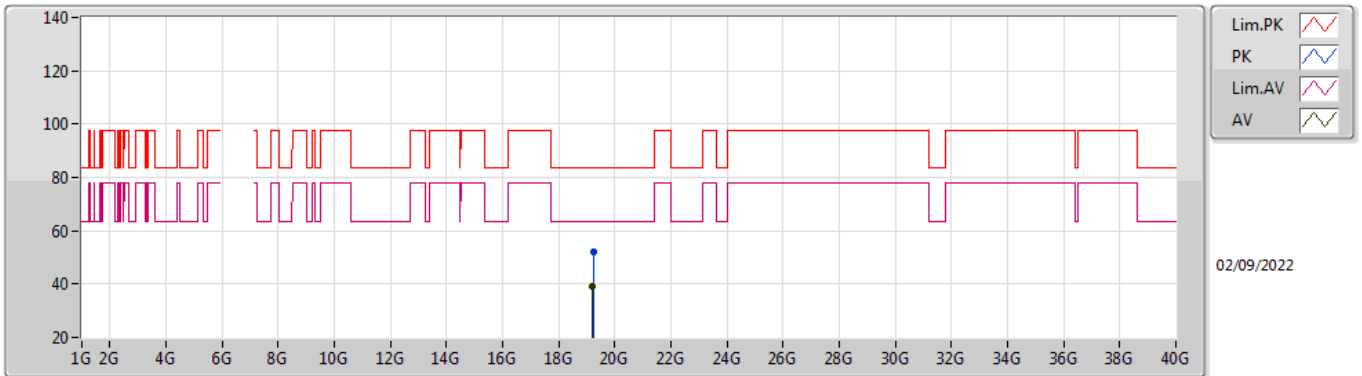


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.8401G	58.19	88.20	-30.01	40.43	3	Horizontal	56	1.95	-	39.24	9.38	30.86
RMS	12.8458G	45.58	68.20	-22.62	27.80	3	Horizontal	56	1.95	-	39.25	9.38	30.85

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6415MHz\_TnomVnom

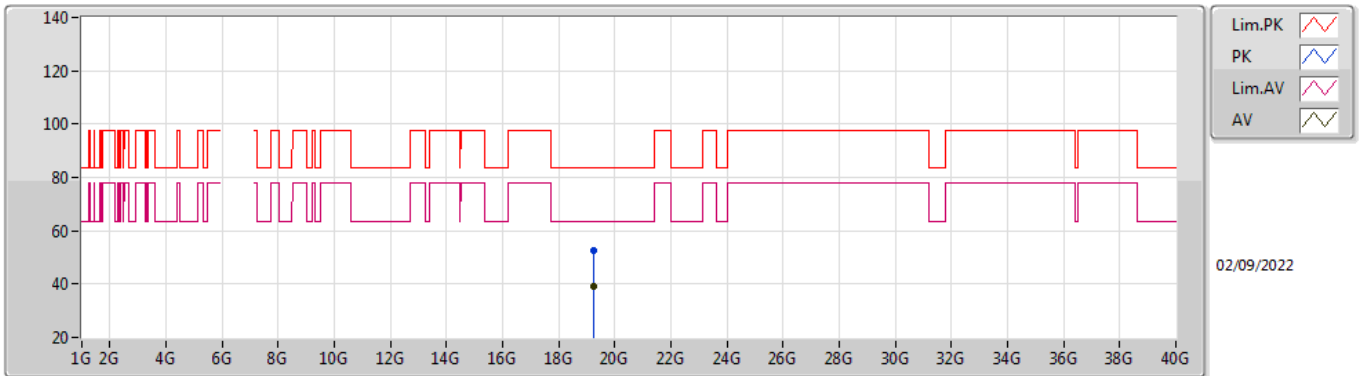


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.2475G	51.94	83.54	-31.60	49.70	1	Vertical	182	1.57	-	38.00	14.84	50.60
AV	19.2205G	39.32	63.54	-24.22	37.08	1	Vertical	182	1.57	-	38.01	14.83	50.60

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6415MHz\_TnomVnom

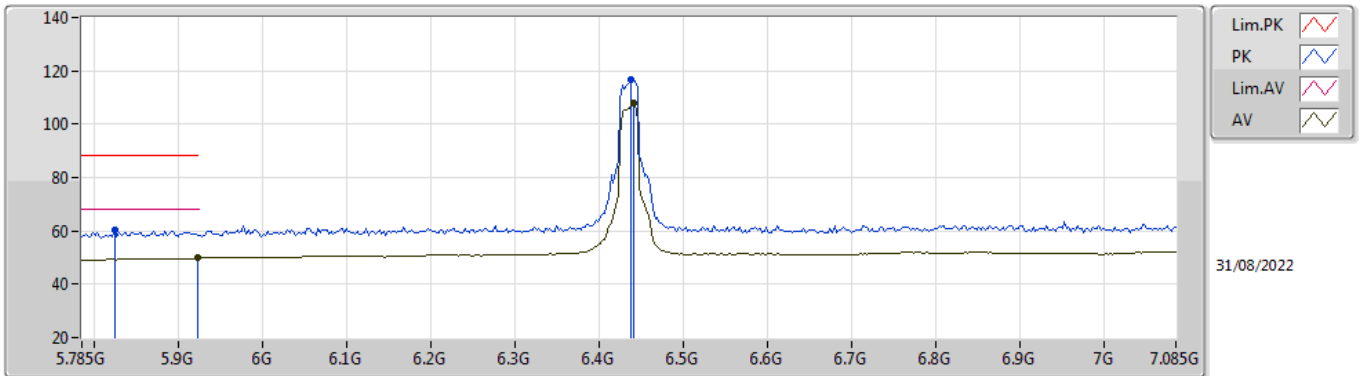


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.2374G	52.61	83.54	-30.93	50.37	1	Horizontal	33	1.54	-	38.01	14.83	50.60
AV	19.2367G	39.21	63.54	-24.33	36.97	1	Horizontal	33	1.54	-	38.01	14.83	50.60

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6435MHz\_TnomVnom

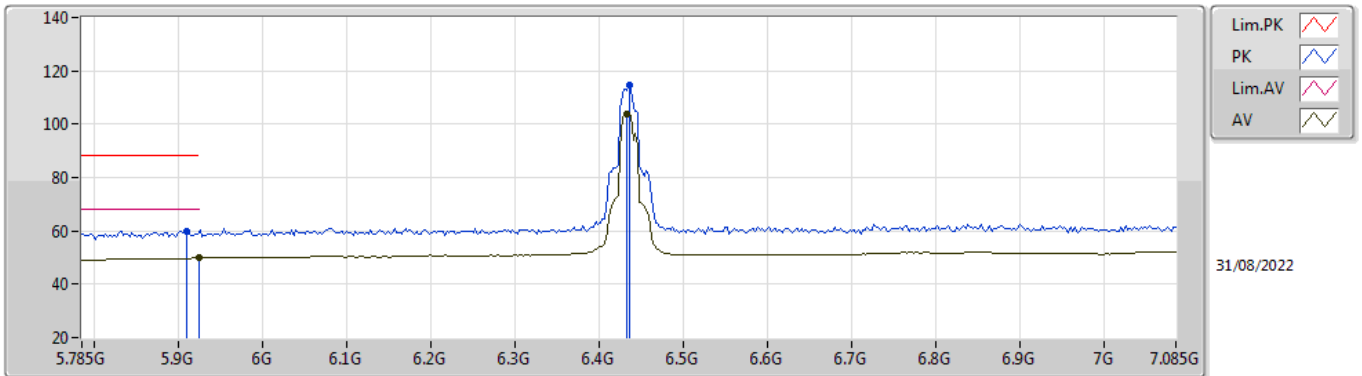


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.824G	60.23	88.20	-27.97	51.81	3	Vertical	169	1.80	-	34.59	6.60	32.77
RMS	5.9228G	50.02	68.20	-18.18	41.24	3	Vertical	169	1.80	-	34.99	6.60	32.81
PK	6.4376G	116.60	Inf	-Inf	107.01	3	Vertical	169	1.80	-	35.45	7.00	32.86
RMS	6.4402G	107.92	Inf	-Inf	98.34	3	Vertical	169	1.80	-	35.44	7.00	32.86

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6435MHz\_TnomVnom

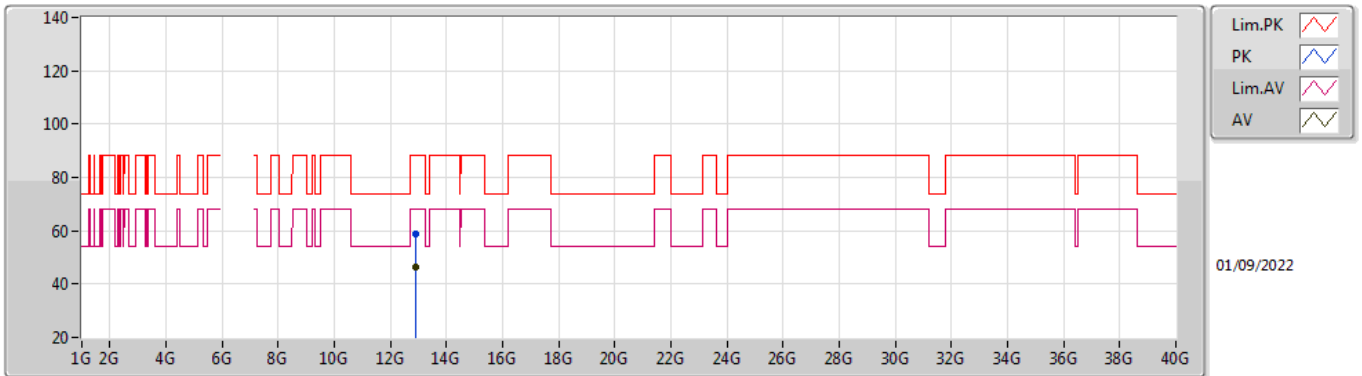


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9098G	60.08	88.20	-28.12	51.34	3	Horizontal	194	1.75	-	34.94	6.60	32.80
RMS	5.925G	49.98	68.20	-18.22	41.19	3	Horizontal	194	1.75	-	35.00	6.60	32.81
PK	6.435G	114.71	Inf	-Inf	105.11	3	Horizontal	194	1.75	-	35.46	7.00	32.86
RMS	6.4324G	103.84	Inf	-Inf	94.23	3	Horizontal	194	1.75	-	35.47	7.00	32.86

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6435MHz\_TnomVnom



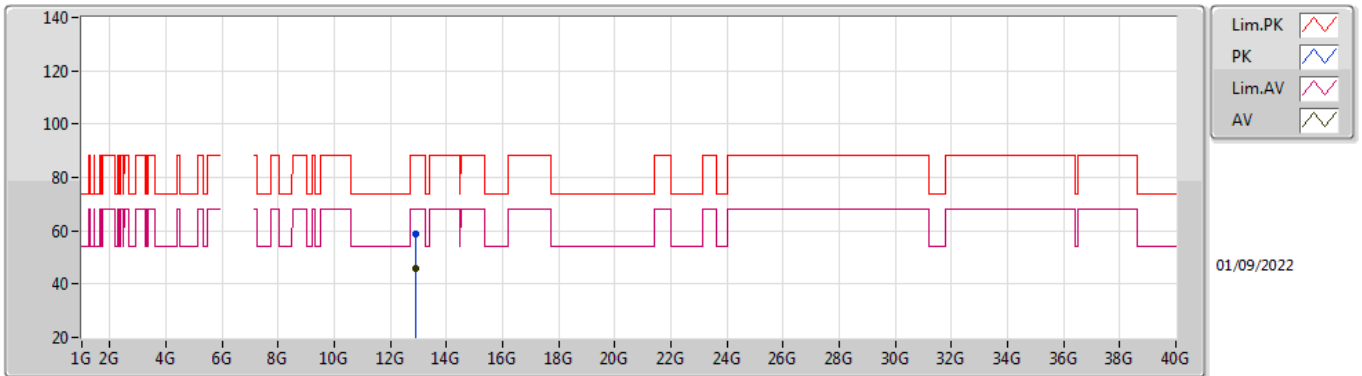
EUT X\_2TX  
 Setting 80  
 01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.8861G	59.05	88.20	-29.15	41.12	3	Vertical	270	1.39	-	39.29	9.40	30.76
RMS	12.8877G	46.17	68.20	-22.03	28.24	3	Vertical	270	1.39	-	39.29	9.40	30.76



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6435MHz\_TnomVnom

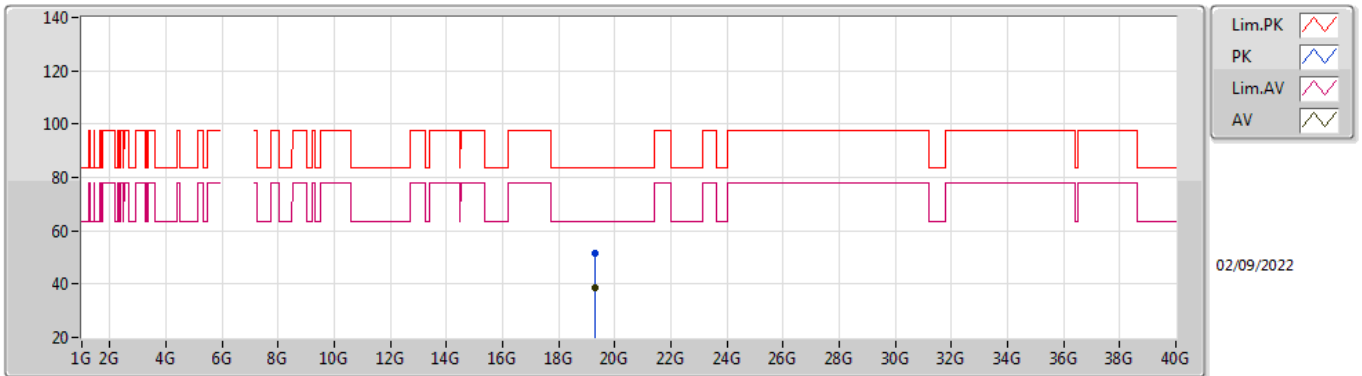


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.8906G	58.89	88.20	-29.31	40.95	3	Horizontal	336	2.56	-	39.29	9.40	30.75
RMS	12.8826G	46.02	68.20	-22.18	28.11	3	Horizontal	336	2.56	-	39.28	9.40	30.77

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6435MHz\_TnomVnom

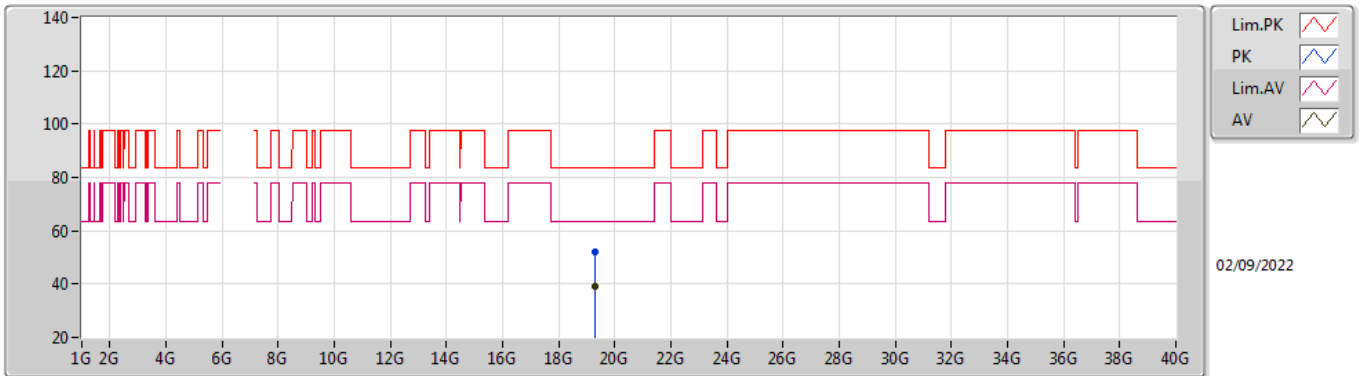


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.287G	51.77	83.54	-31.77	49.52	1	Vertical	221	1.56	-	38.00	14.85	50.60
AV	19.3193G	38.85	63.54	-24.69	36.59	1	Vertical	221	1.56	-	38.00	14.86	50.60

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6435MHz\_TnomVnom

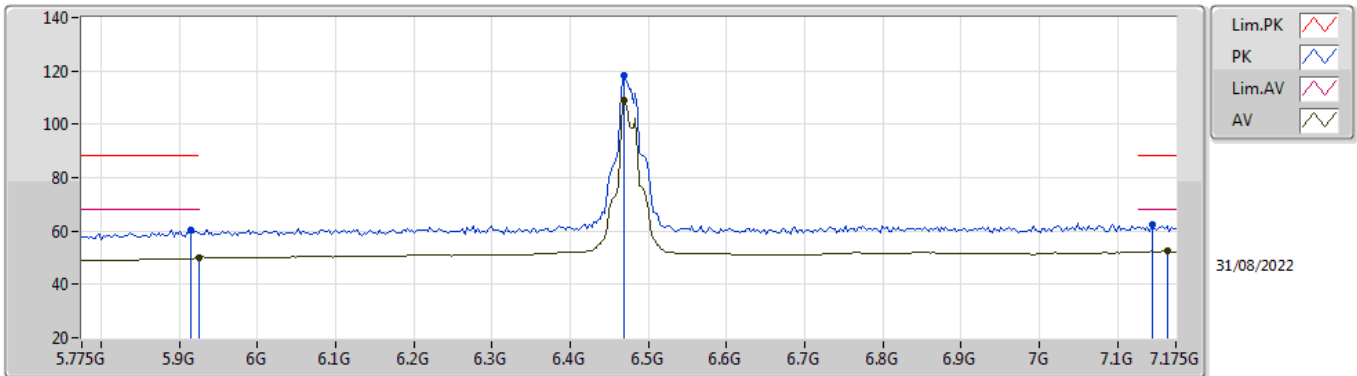


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.3027G	51.85	83.54	-31.69	49.59	1	Horizontal	108	1.57	-	38.00	14.86	50.60
AV	19.2802G	39.04	63.54	-24.50	36.79	1	Horizontal	108	1.57	-	38.00	14.85	50.60

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6475MHz\_TnomVnom

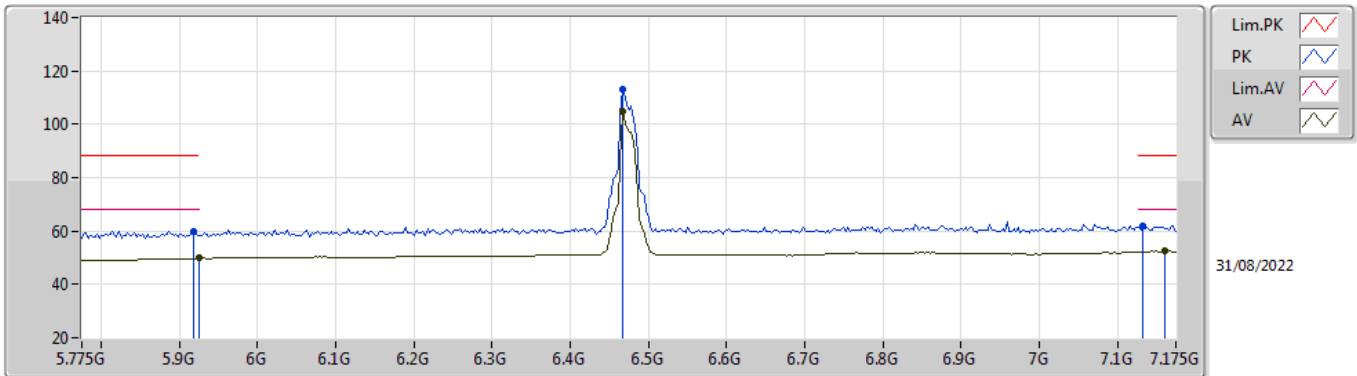


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.915G	60.31	88.20	-27.89	51.56	3	Vertical	19	2.14	-	34.96	6.60	32.81
RMS	5.925G	50.13	68.20	-18.07	41.34	3	Vertical	19	2.14	-	35.00	6.60	32.81
PK	6.4694G	118.46	Inf	-Inf	108.84	3	Vertical	19	2.14	-	35.48	7.00	32.86
RMS	6.4694G	108.98	Inf	-Inf	99.36	3	Vertical	19	2.14	-	35.48	7.00	32.86
PK	7.1442G	62.47	88.20	-25.73	51.48	3	Vertical	19	2.14	-	36.85	7.23	33.09
RMS	7.1638G	52.47	68.20	-15.73	41.40	3	Vertical	19	2.14	-	36.96	7.22	33.11

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6475MHz\_TnomVnom

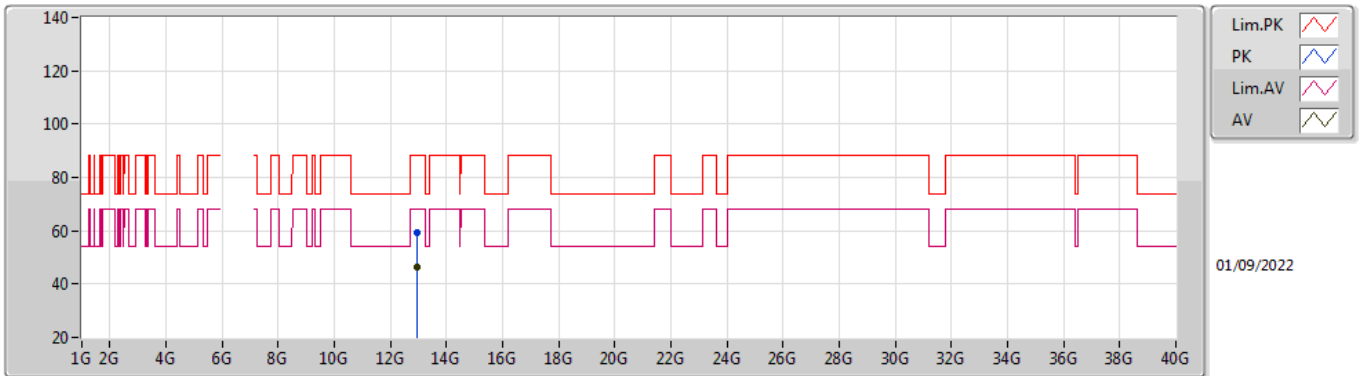


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9178G	60.00	88.20	-28.20	51.24	3	Horizontal	141	2.02	-	34.97	6.60	32.81
RMS	5.925G	49.92	68.20	-18.28	41.13	3	Horizontal	141	2.02	-	35.00	6.60	32.81
PK	6.4666G	113.05	Inf	-Inf	103.44	3	Horizontal	141	2.02	-	35.47	7.00	32.86
RMS	6.4666G	104.76	Inf	-Inf	95.15	3	Horizontal	141	2.02	-	35.47	7.00	32.86
PK	7.133G	62.04	88.20	-26.16	51.14	3	Horizontal	141	2.02	-	36.76	7.23	33.09
RMS	7.161G	52.49	68.20	-15.71	41.43	3	Horizontal	141	2.02	-	36.94	7.22	33.10

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6475MHz\_TnomVnom

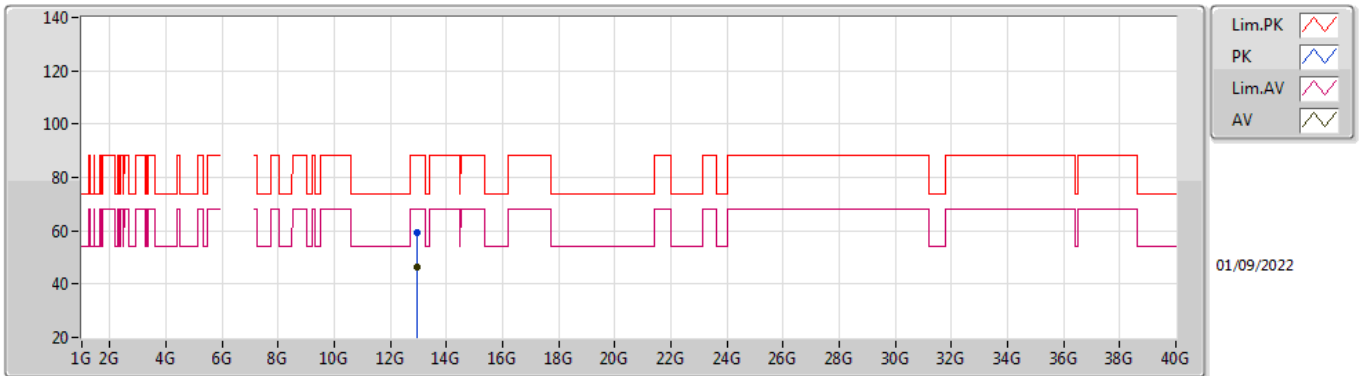


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.9607G	59.34	88.20	-28.86	41.03	3	Vertical	252	1.53	-	39.48	9.43	30.60
RMS	12.9656G	46.58	68.20	-21.62	28.24	3	Vertical	252	1.53	-	39.50	9.43	30.59

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6475MHz\_TnomVnom

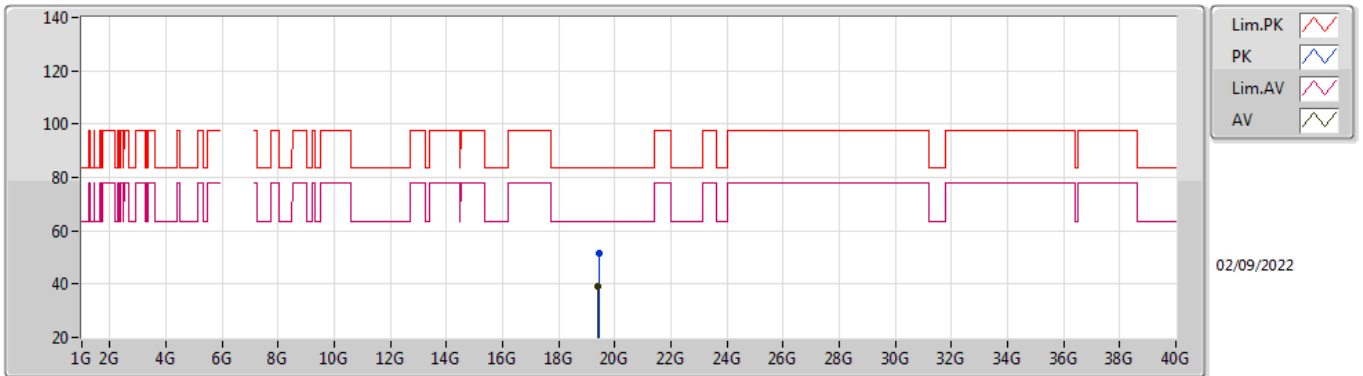


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.9586G	59.18	88.20	-29.02	40.88	3	Horizontal	296	1.93	-	39.48	9.43	30.61
RMS	12.9598G	46.42	68.20	-21.78	28.12	3	Horizontal	296	1.93	-	39.48	9.43	30.61

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6475MHz\_TnomVnom



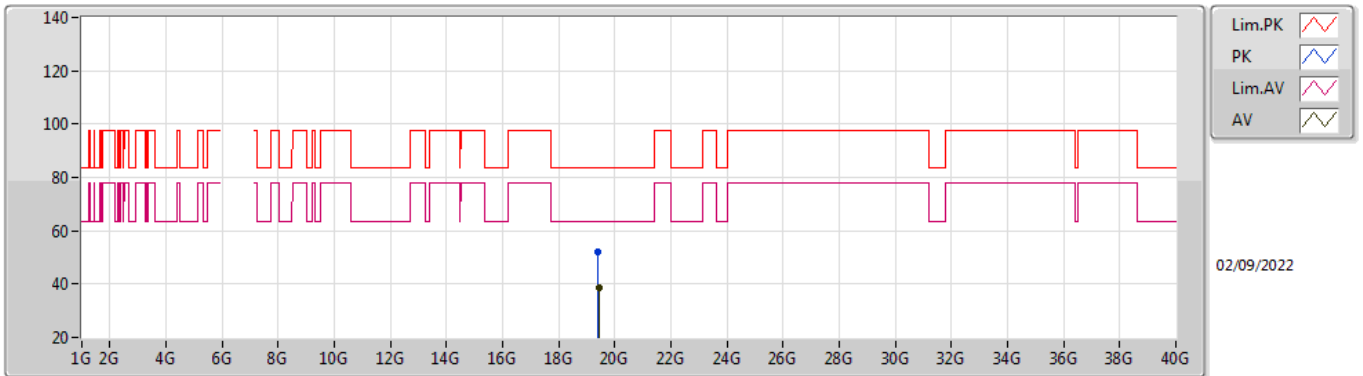
EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.4232G	51.54	83.54	-32.00	49.24	1	Vertical	340	1.57	-	38.00	14.90	50.60
AV	19.4176G	38.89	63.54	-24.65	36.59	1	Vertical	340	1.57	-	38.00	14.90	50.60



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6475MHz\_TnomVnom

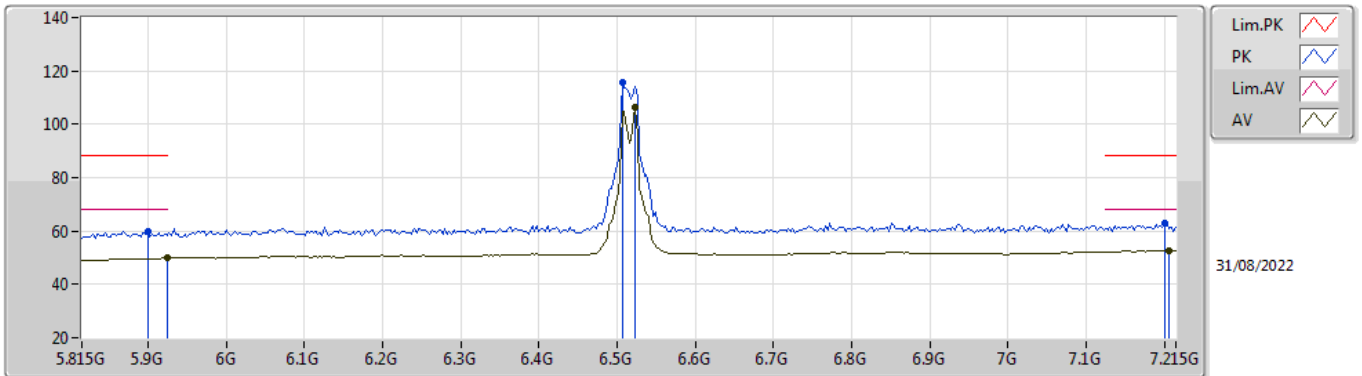


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.4046G	52.16	83.54	-31.38	49.87	1	Horizontal	140	1.56	-	38.00	14.89	50.60
AV	19.4488G	38.81	63.54	-24.73	36.50	1	Horizontal	140	1.56	-	38.00	14.91	50.60

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6515MHz\_TnomVnom

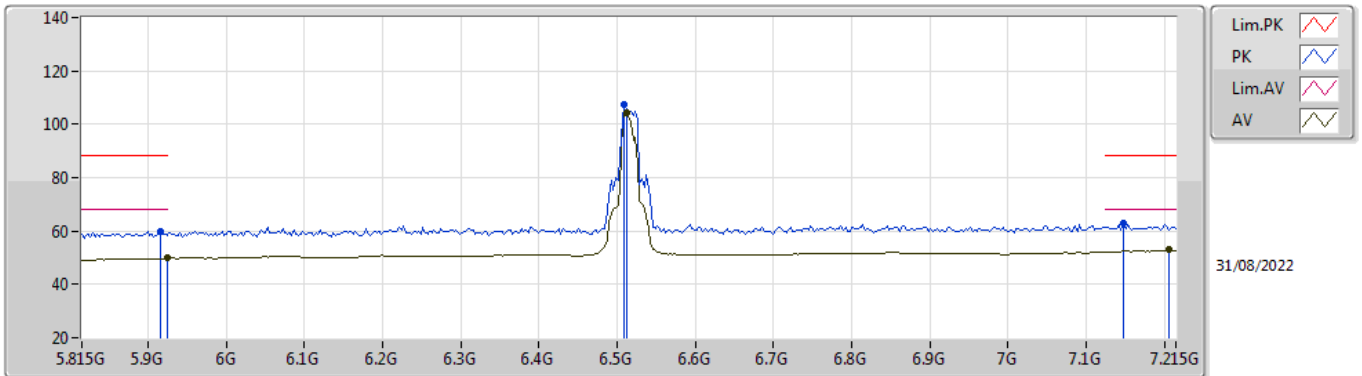


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.899G	59.88	88.20	-28.32	51.18	3	Vertical	22	1.74	-	34.90	6.60	32.80
RMS	5.924G	49.79	68.20	-18.41	41.00	3	Vertical	22	1.74	-	35.00	6.60	32.81
PK	6.5066G	115.94	Inf	-Inf	106.17	3	Vertical	22	1.74	-	35.63	7.00	32.86
RMS	6.5234G	106.17	Inf	-Inf	96.35	3	Vertical	22	1.74	-	35.69	7.00	32.87
PK	7.201G	62.96	88.20	-25.24	51.78	3	Vertical	22	1.74	-	37.10	7.20	33.12
RMS	7.2066G	52.82	68.20	-15.38	41.64	3	Vertical	22	1.74	-	37.10	7.21	33.13

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6515MHz\_TnomVnom

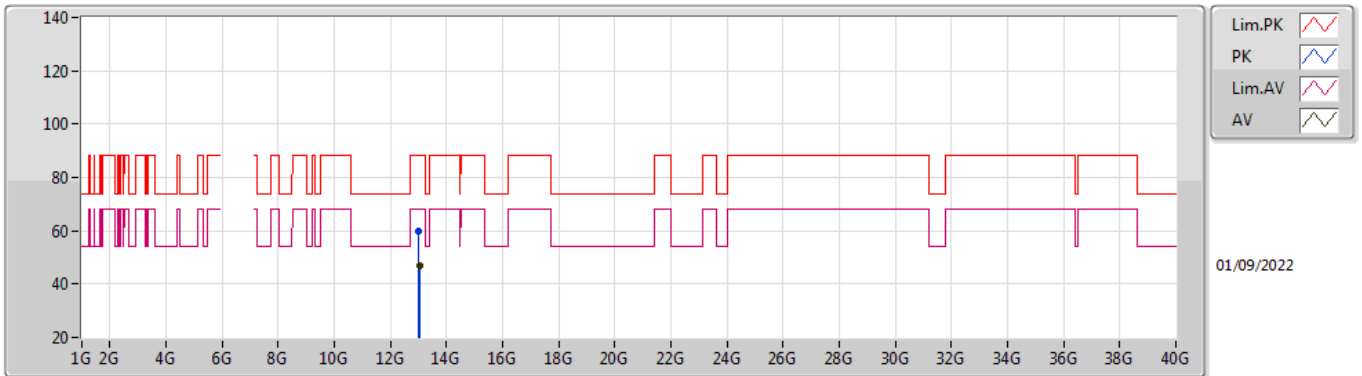


EUT\_X\_2TX  
Setting 80  
01-L-B-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9158G	59.72	88.20	-28.48	50.97	3	Horizontal	8	1.86	-	34.96	6.60	32.81
RMS	5.9242G	49.77	68.20	-18.43	40.98	3	Horizontal	8	1.86	-	35.00	6.60	32.81
PK	6.5094G	107.63	Inf	-Inf	97.85	3	Horizontal	8	1.86	-	35.64	7.00	32.86
RMS	6.5122G	104.21	Inf	-Inf	94.42	3	Horizontal	8	1.86	-	35.65	7.00	32.86
PK	7.1478G	62.87	88.20	-25.33	51.86	3	Horizontal	8	1.86	-	36.88	7.23	33.10
RMS	7.2066G	52.88	68.20	-15.32	41.70	3	Horizontal	8	1.86	-	37.10	7.21	33.13

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6515MHz\_TnomVnom

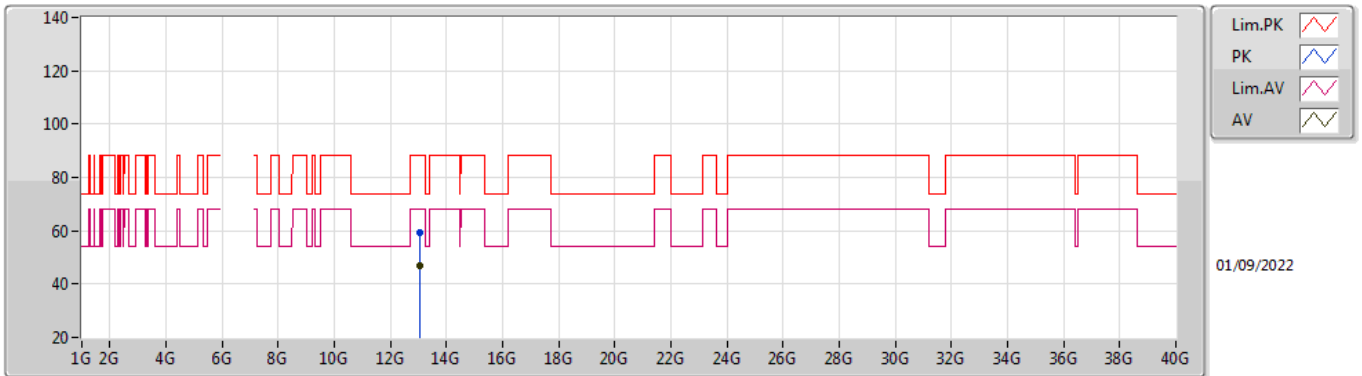


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.0124G	59.97	88.20	-28.23	41.40	3	Vertical	189	2.74	-	39.61	9.46	30.50
RMS	13.0415G	46.83	68.20	-21.37	28.18	3	Vertical	189	2.74	-	39.64	9.47	30.46

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6515MHz\_TnomVnom

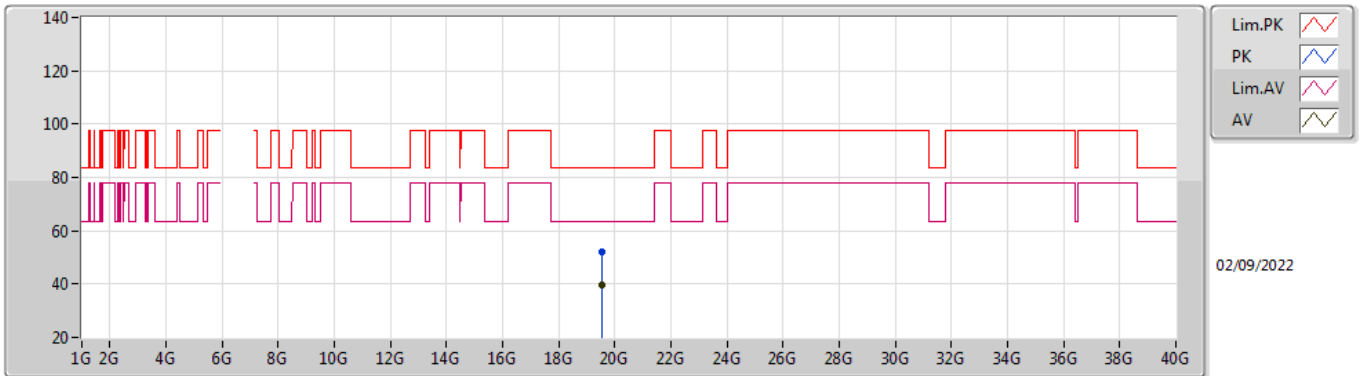


EUT\_X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.04G	59.48	88.20	-28.72	40.83	3	Horizontal	167	1.71	-	39.64	9.47	30.46
RMS	13.0266G	46.80	68.20	-21.40	28.19	3	Horizontal	167	1.71	-	39.63	9.46	30.48

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6515MHz\_TnomVnom

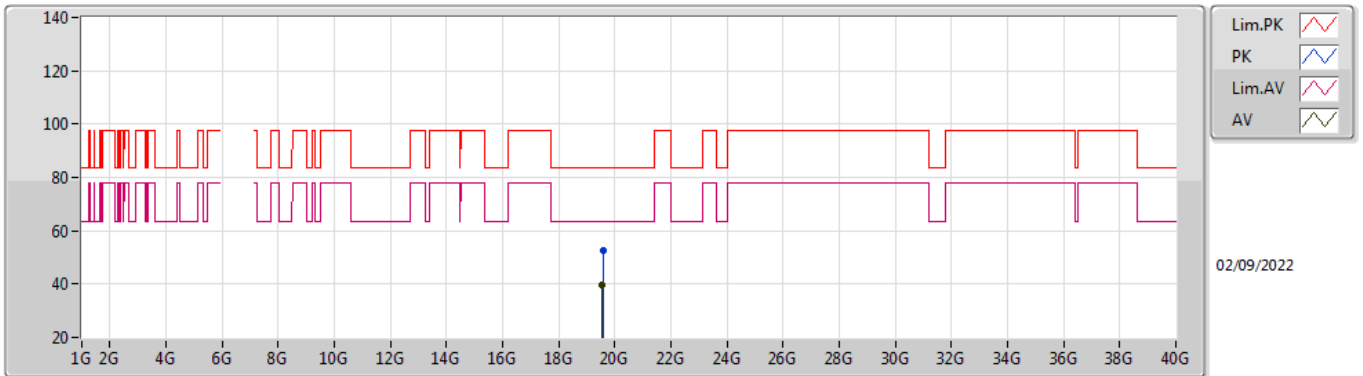


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.5351G	51.95	83.54	-31.59	49.60	1	Vertical	349	1.55	-	37.99	14.94	50.58
AV	19.5367G	39.77	63.54	-23.77	37.42	1	Vertical	349	1.55	-	37.99	14.94	50.58

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6515MHz\_TnomVnom

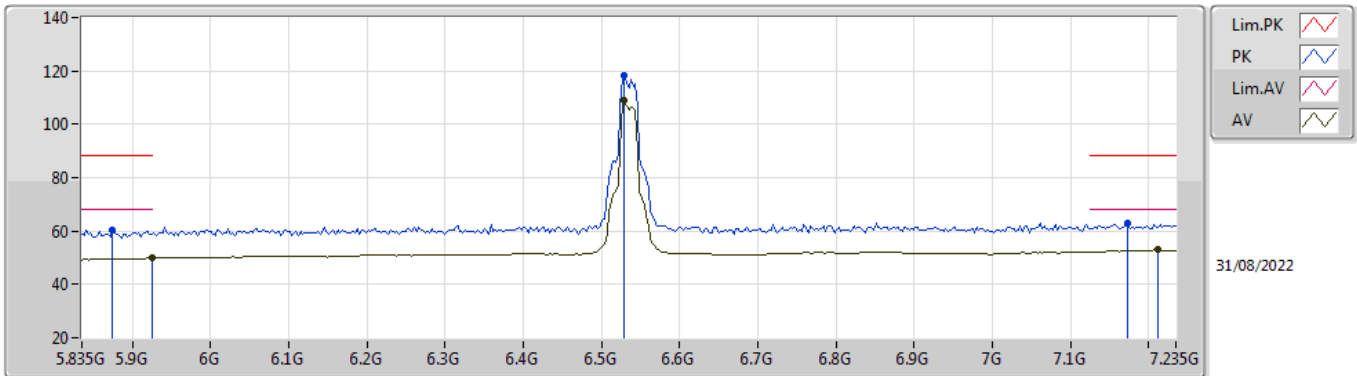


EUT X\_2TX  
Setting 80  
01-L-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.5673G	52.50	83.54	-31.04	50.14	1	Horizontal	229	1.57	-	37.97	14.95	50.56
AV	19.5364G	39.90	63.54	-23.64	37.55	1	Horizontal	229	1.57	-	37.99	14.94	50.58

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6535MHz\_TnomVnom



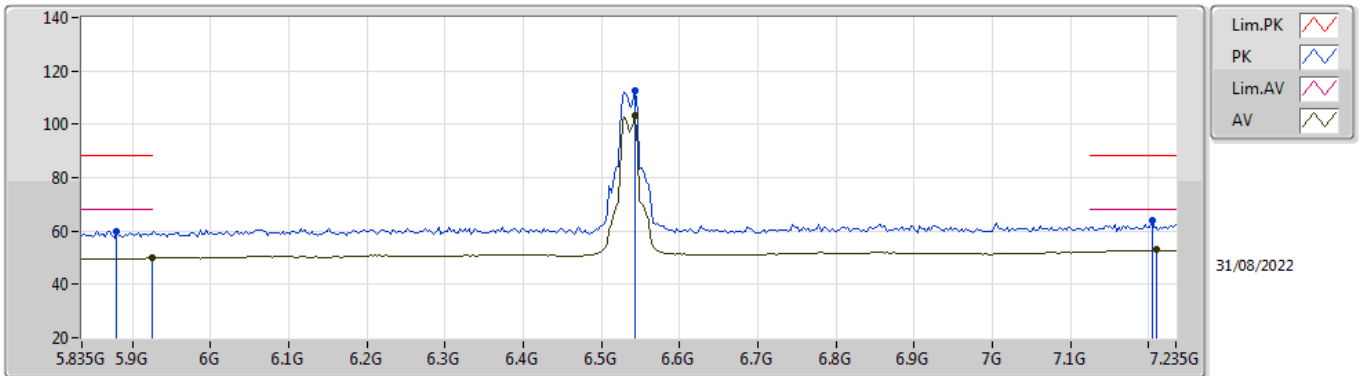
EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8742G	60.47	88.20	-27.73	51.81	3	Vertical	8	1.23	-	34.85	6.60	32.79
RMS	5.9246G	49.84	68.20	-18.36	41.05	3	Vertical	8	1.23	-	35.00	6.60	32.81
PK	6.5294G	118.23	Inf	-Inf	108.38	3	Vertical	8	1.23	-	35.72	7.00	32.87
RMS	6.5294G	108.99	Inf	-Inf	99.14	3	Vertical	8	1.23	-	35.72	7.00	32.87
PK	7.1734G	62.68	88.20	-25.52	51.59	3	Vertical	8	1.23	-	36.99	7.21	33.11
RMS	7.2126G	52.89	68.20	-15.31	41.71	3	Vertical	8	1.23	-	37.10	7.21	33.13



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6535MHz\_TnomVnom

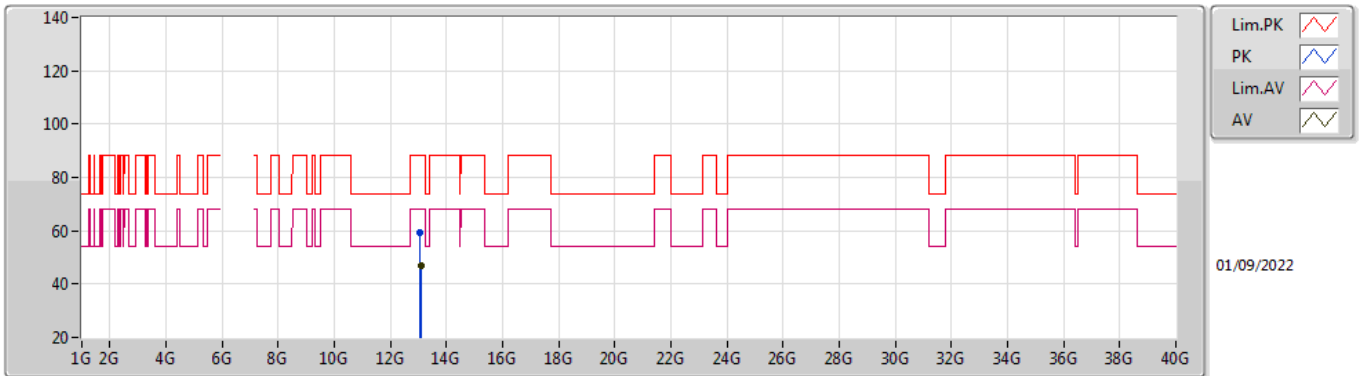


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8798G	59.90	88.20	-28.30	51.23	3	Horizontal	5	1.71	-	34.86	6.60	32.79
RMS	5.9246G	49.77	68.20	-18.43	40.98	3	Horizontal	5	1.71	-	35.00	6.60	32.81
PK	6.5434G	112.82	Inf	-Inf	102.92	3	Horizontal	5	1.71	-	35.77	7.00	32.87
RMS	6.5434G	103.06	Inf	-Inf	93.16	3	Horizontal	5	1.71	-	35.77	7.00	32.87
PK	7.2042G	63.84	88.20	-24.36	52.67	3	Horizontal	5	1.71	-	37.10	7.20	33.13
RMS	7.2098G	52.93	68.20	-15.27	41.75	3	Horizontal	5	1.71	-	37.10	7.21	33.13

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6535MHz\_TnomVnom

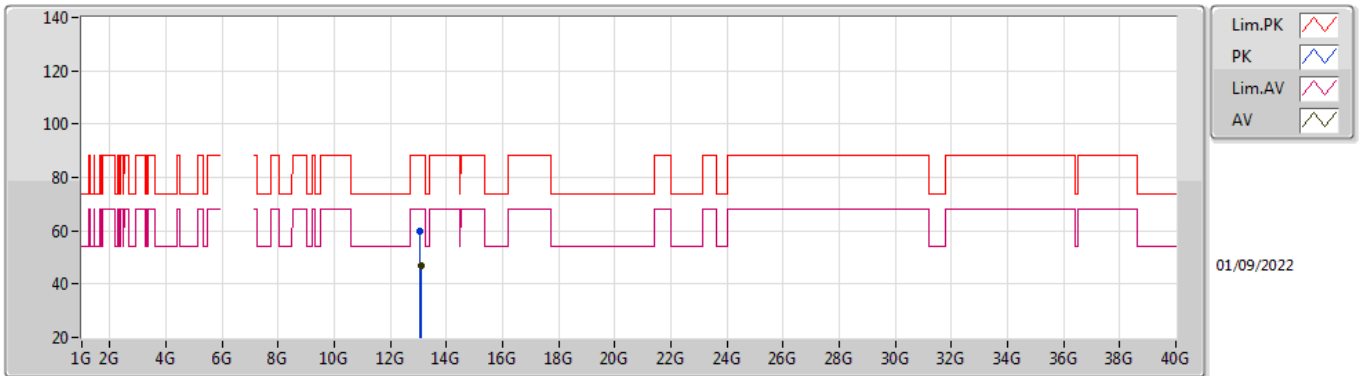


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.0461G	59.54	88.20	-28.66	40.87	3	Vertical	303	1.73	-	39.65	9.47	30.45
RMS	13.0924G	46.83	68.20	-21.37	28.03	3	Vertical	303	1.73	-	39.69	9.49	30.38

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6535MHz\_TnomVnom

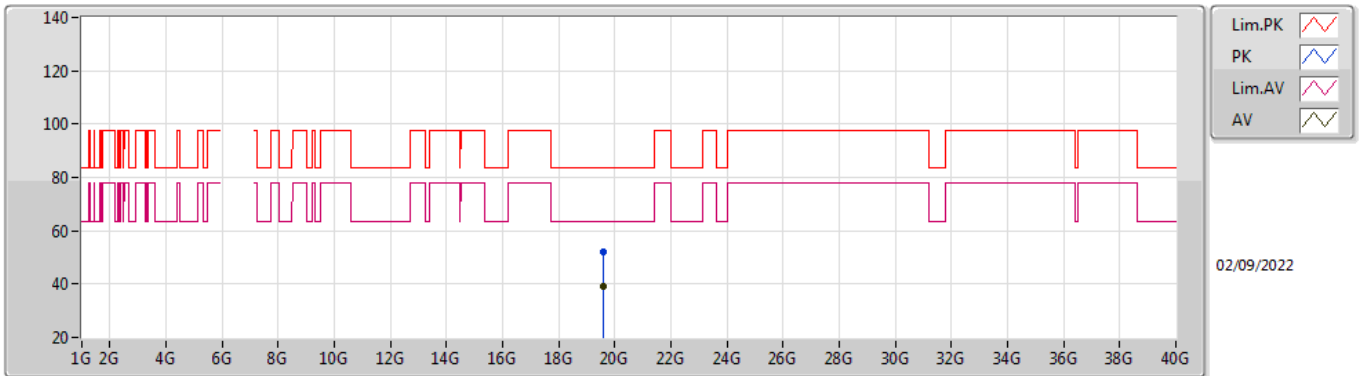


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.0544G	59.90	88.20	-28.30	41.22	3	Horizontal	352	2.05	-	39.65	9.47	30.44
RMS	13.0811G	46.81	68.20	-21.39	28.04	3	Horizontal	352	2.05	-	39.68	9.49	30.40

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6535MHz\_TnomVnom

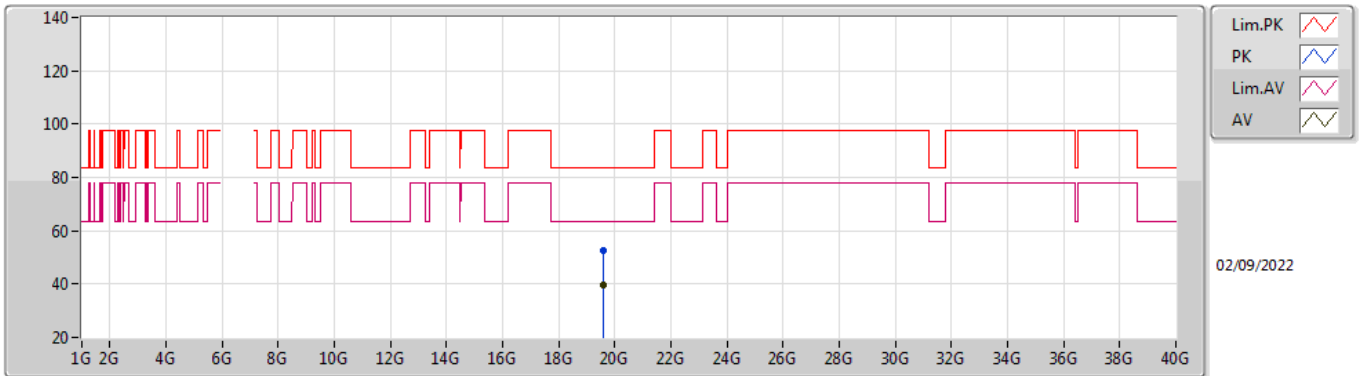


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.5926G	52.15	83.54	-31.39	49.77	1	Vertical	229	1.56	-	37.96	14.96	50.54
AV	19.5973G	39.39	63.54	-24.15	37.01	1	Vertical	229	1.56	-	37.96	14.96	50.54

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6535MHz\_TnomVnom

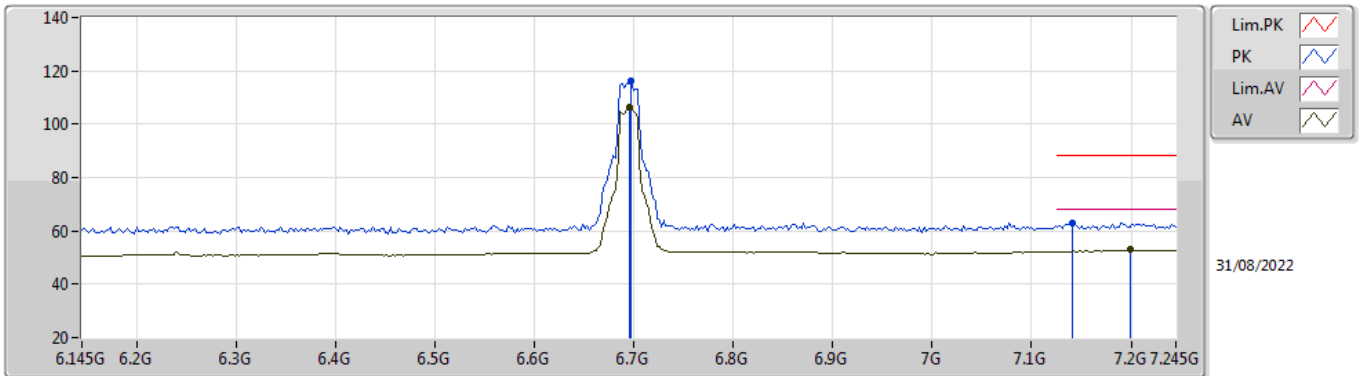


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.5969G	52.56	83.54	-30.98	50.18	1	Horizontal	39	1.58	-	37.96	14.96	50.54
AV	19.5918G	39.50	63.54	-24.04	37.12	1	Horizontal	39	1.58	-	37.96	14.96	50.54

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6695MHz\_TnomVnom

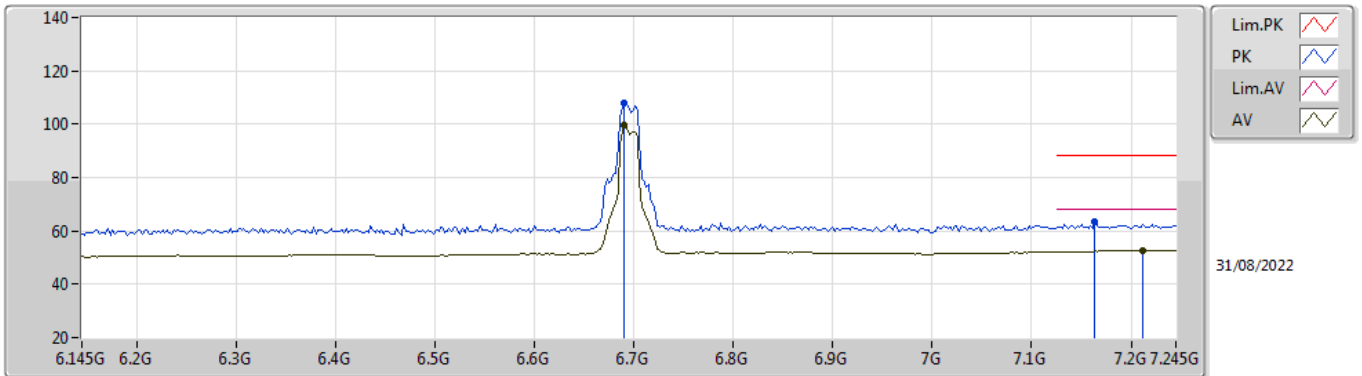


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.6972G	116.44	Inf	-Inf	106.45	3	Vertical	2	1.66	-	35.91	7.00	32.92
RMS	6.695G	106.45	Inf	-Inf	96.46	3	Vertical	2	1.66	-	35.91	7.00	32.92
PK	7.1416G	62.97	88.20	-25.23	52.00	3	Vertical	2	1.66	-	36.83	7.23	33.09
RMS	7.1988G	52.85	68.20	-15.35	41.67	3	Vertical	2	1.66	-	37.10	7.20	33.12

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6695MHz\_TnomVnom

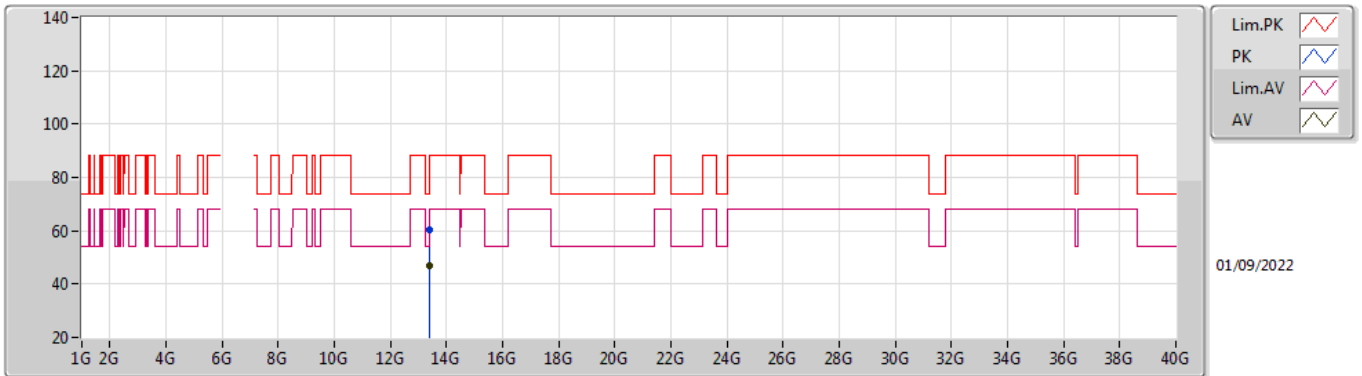


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.6906G	108.00	Inf	-Inf	98.00	3	Horizontal	192	1.80	-	35.92	7.00	32.92
RMS	6.6906G	99.43	Inf	-Inf	89.43	3	Horizontal	192	1.80	-	35.92	7.00	32.92
PK	7.1636G	63.62	88.20	-24.58	52.56	3	Horizontal	192	1.80	-	36.95	7.22	33.11
RMS	7.212G	52.73	68.20	-15.47	41.55	3	Horizontal	192	1.80	-	37.10	7.21	33.13

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6695MHz\_TnomVnom



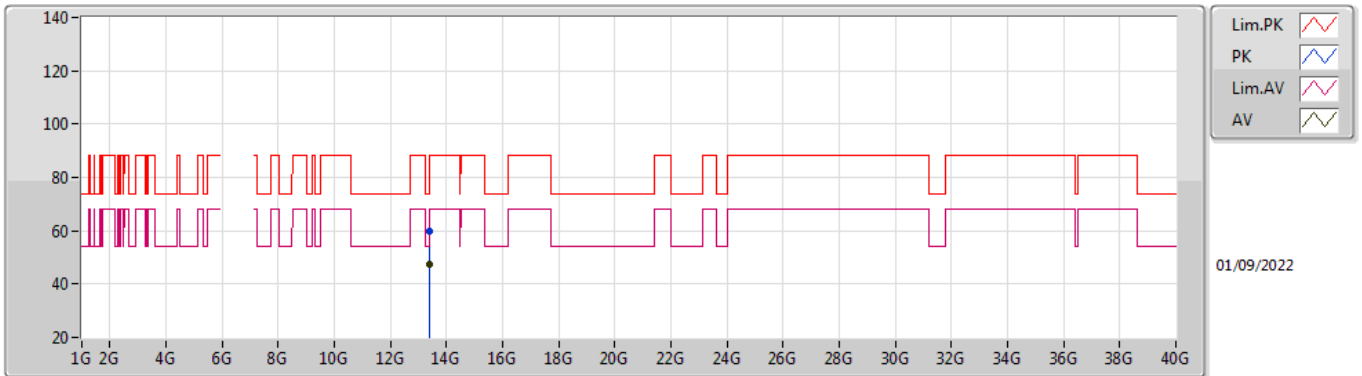
EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.39192G	60.60	74.00	-13.40	40.73	3	Vertical	206	2.94	-	40.18	9.63	29.94
AV	13.38922G	46.98	54.00	-7.02	27.11	3	Vertical	206	2.94	-	40.18	9.63	29.94



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6695MHz\_TnomVnom

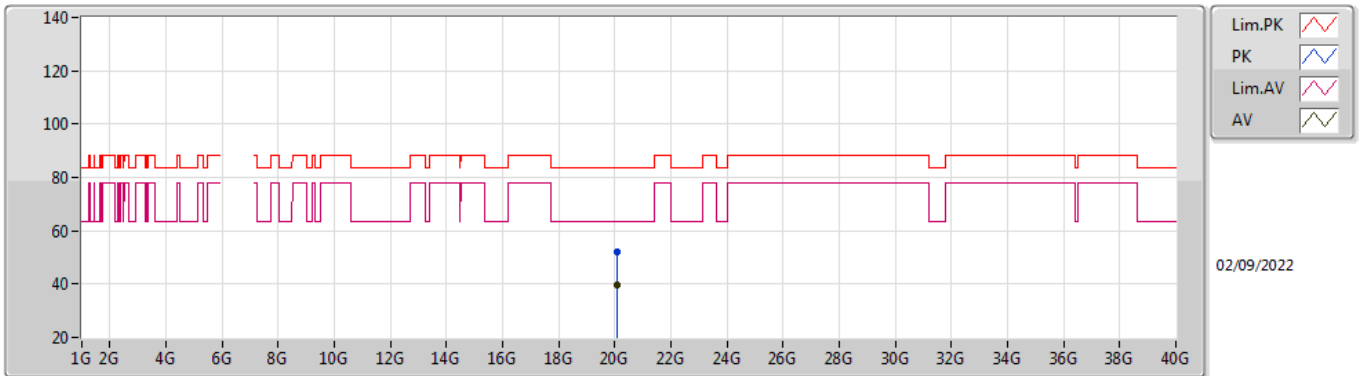


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.3863G	59.87	74.00	-14.13	40.03	3	Horizontal	75	2.26	-	40.17	9.62	29.95
AV	13.3989G	47.36	54.00	-6.64	27.46	3	Horizontal	75	2.26	-	40.20	9.63	29.93

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6695MHz\_TnomVnom

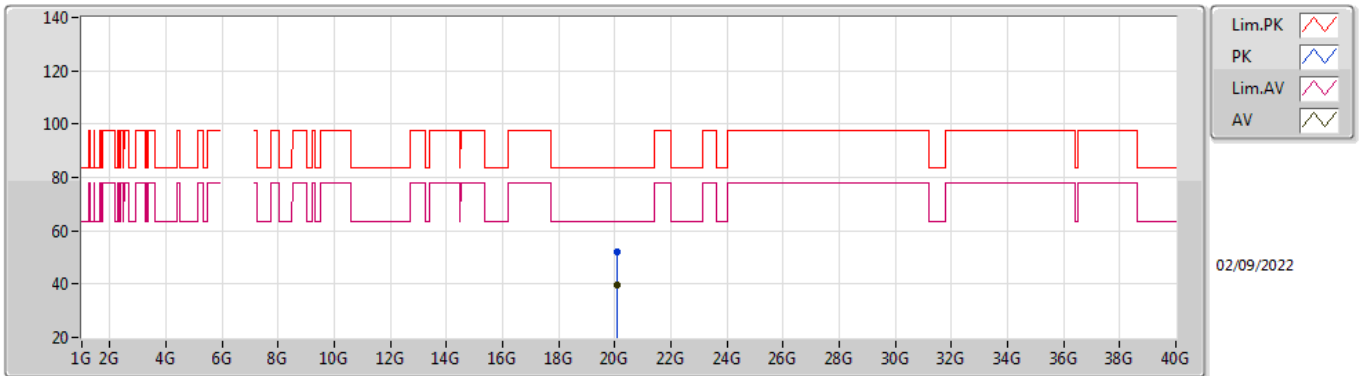


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.0641G	52.22	83.54	-31.32	49.22	1	Vertical	64	1.57	-	38.17	15.12	50.29
AV	20.0606G	39.89	63.54	-23.65	36.88	1	Vertical	64	1.57	-	38.18	15.12	50.29

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6695MHz\_TnomVnom

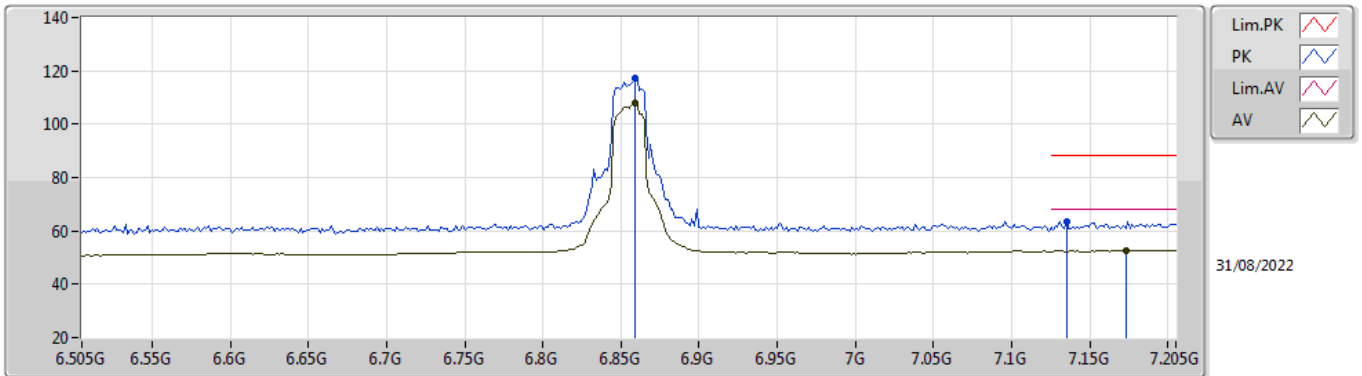


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.0639G	52.06	83.54	-31.48	49.06	1	Horizontal	113	1.56	-	38.17	15.12	50.29
AV	20.0603G	39.84	63.54	-23.70	36.83	1	Horizontal	113	1.56	-	38.18	15.12	50.29

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6855MHz\_TnomVnom

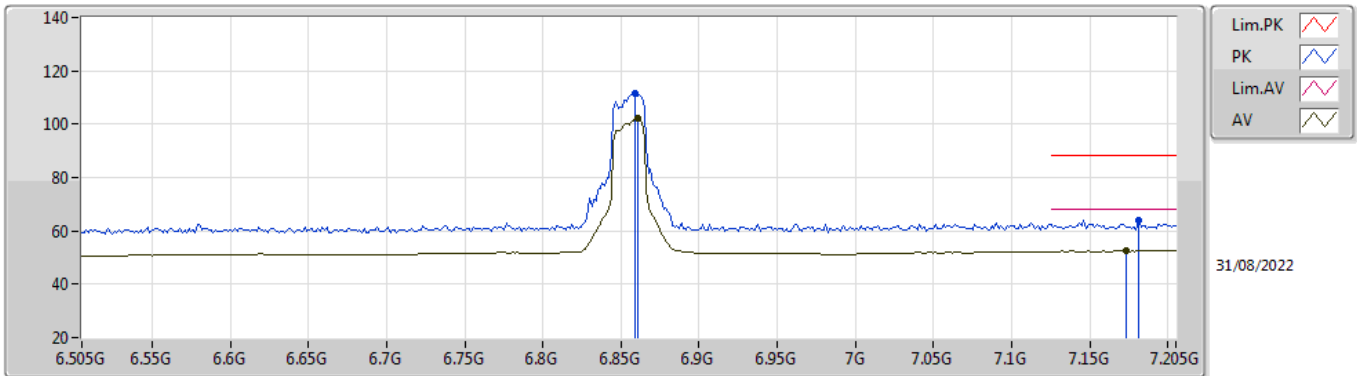


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8592G	117.39	Inf	-Inf	106.74	3	Vertical	15	2.79	-	36.53	7.09	32.97
RMS	6.8592G	107.95	Inf	-Inf	97.30	3	Vertical	15	2.79	-	36.53	7.09	32.97
PK	7.135G	63.68	88.20	-24.52	52.76	3	Vertical	15	2.79	-	36.78	7.23	33.09
RMS	7.1728G	52.81	68.20	-15.39	41.72	3	Vertical	15	2.79	-	36.99	7.21	33.11

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6855MHz\_TnomVnom

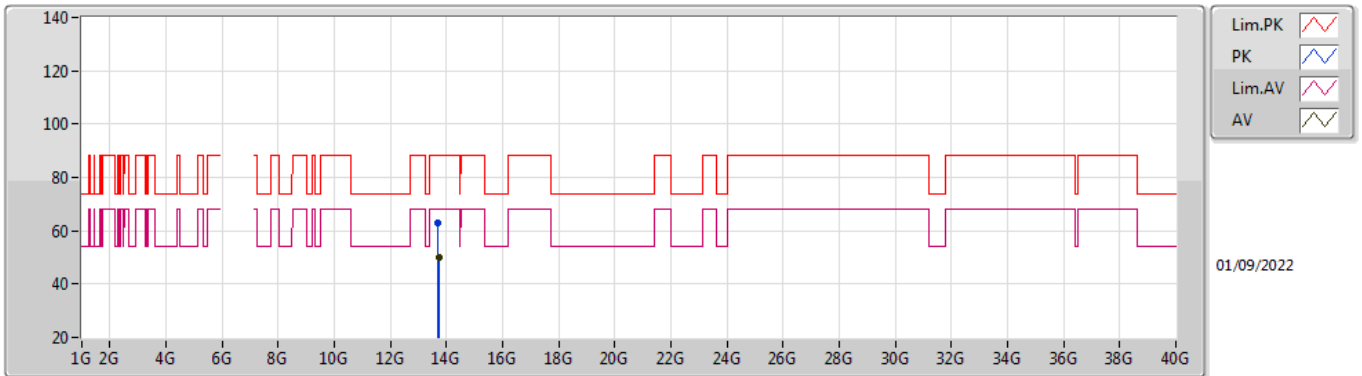


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8592G	111.72	Inf	-Inf	101.07	3	Horizontal	18	1.80	-	36.53	7.09	32.97
RMS	6.8606G	102.07	Inf	-Inf	91.44	3	Horizontal	18	1.80	-	36.52	7.09	32.98
PK	7.1812G	63.74	88.20	-24.46	52.62	3	Horizontal	18	1.80	-	37.02	7.21	33.11
RMS	7.1728G	52.66	68.20	-15.54	41.57	3	Horizontal	18	1.80	-	36.99	7.21	33.11

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6855MHz\_TnomVnom

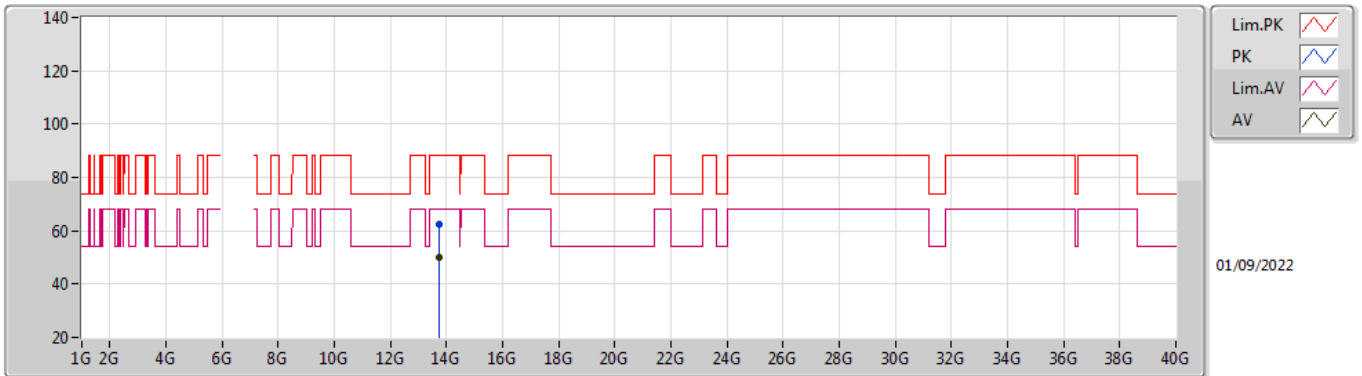


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.6918G	62.95	88.20	-25.25	42.38	3	Vertical	329	1.46	-	40.48	9.76	29.67
RMS	13.7224G	49.83	68.20	-18.37	29.13	3	Vertical	329	1.46	-	40.57	9.78	29.65

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6855MHz\_TnomVnom

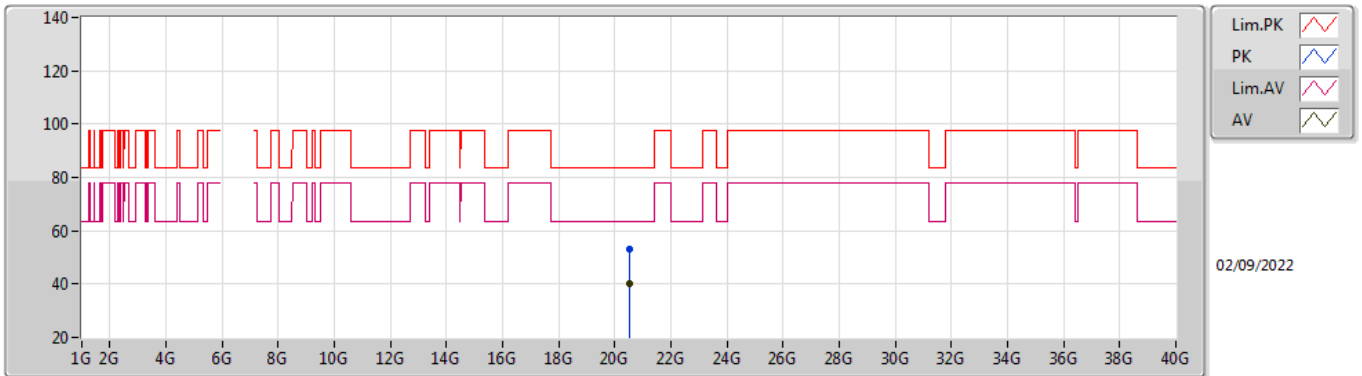


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.7312G	62.55	88.20	-25.65	41.83	3	Horizontal	163	2.10	-	40.59	9.78	29.65
RMS	13.7221G	50.00	68.20	-18.20	29.31	3	Horizontal	163	2.10	-	40.57	9.77	29.65

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6855MHz\_TnomVnom



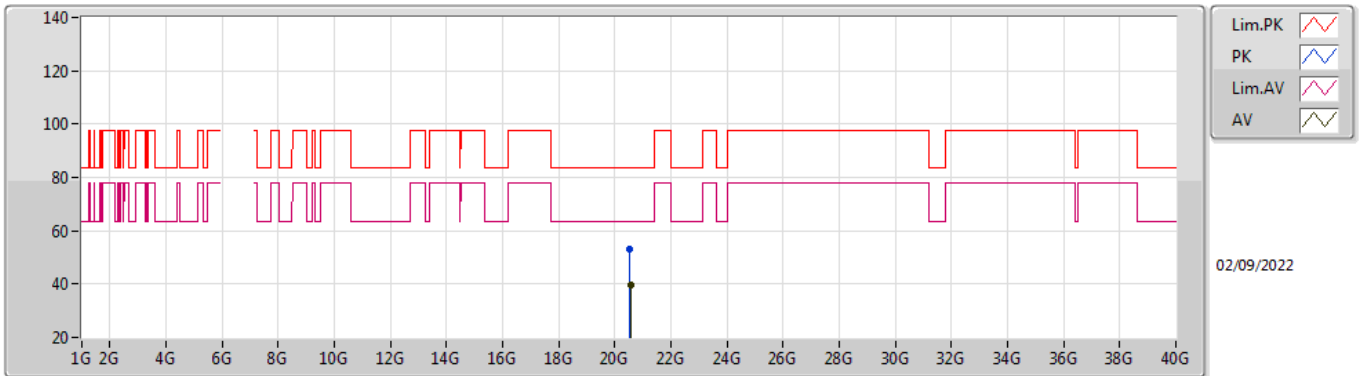
EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.5478G	52.99	83.54	-30.55	49.62	1	Vertical	308	1.56	-	38.30	15.24	50.17
AV	20.54G	39.97	63.54	-23.57	36.63	1	Vertical	308	1.56	-	38.28	15.24	50.18



802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

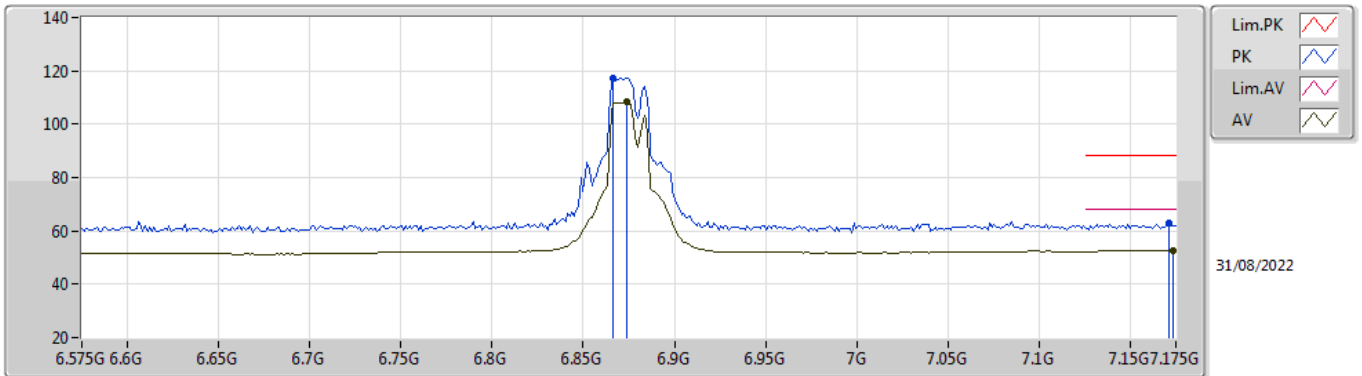
6855MHz\_TnomVnom



EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.5417G	53.13	83.54	-30.41	49.78	1	Horizontal	300	1.57	-	38.28	15.24	50.17
AV	20.5646G	39.89	63.54	-23.65	36.48	1	Horizontal	300	1.57	-	38.33	15.24	50.16

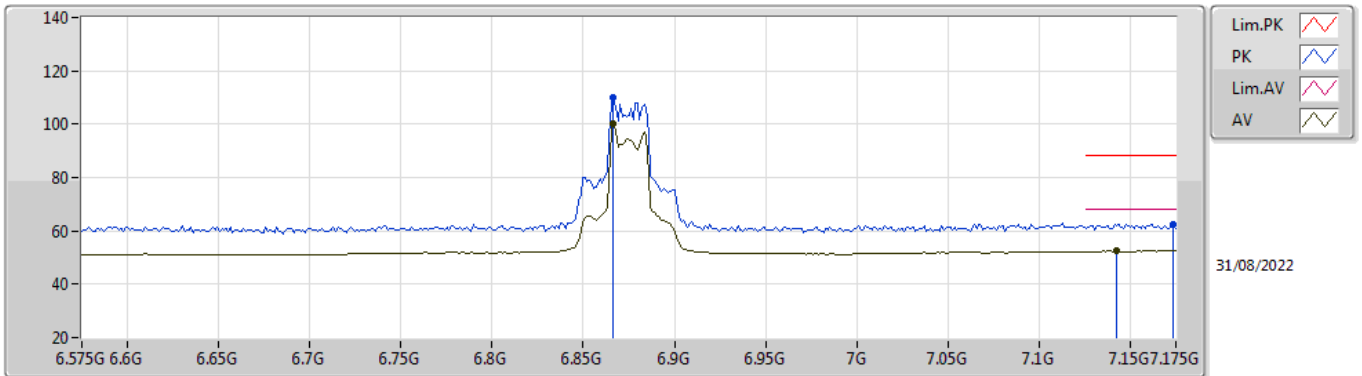
**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**  
**6875MHz Straddle 6.525-6.875GHz\_TnomVnom**



EUT\_X\_2TX  
 Setting 80  
 01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8666G	117.37	Inf	-Inf	106.78	3	Vertical	19	2.38	-	36.47	7.10	32.98
RMS	6.8738G	108.38	Inf	-Inf	97.84	3	Vertical	19	2.38	-	36.41	7.11	32.98
PK	7.1714G	63.15	88.20	-25.05	52.06	3	Vertical	19	2.38	-	36.99	7.21	33.11
RMS	7.1738G	52.77	68.20	-15.43	41.67	3	Vertical	19	2.38	-	37.00	7.21	33.11

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**  
**6875MHz Straddle 6.525-6.875GHz\_TnomVnom**

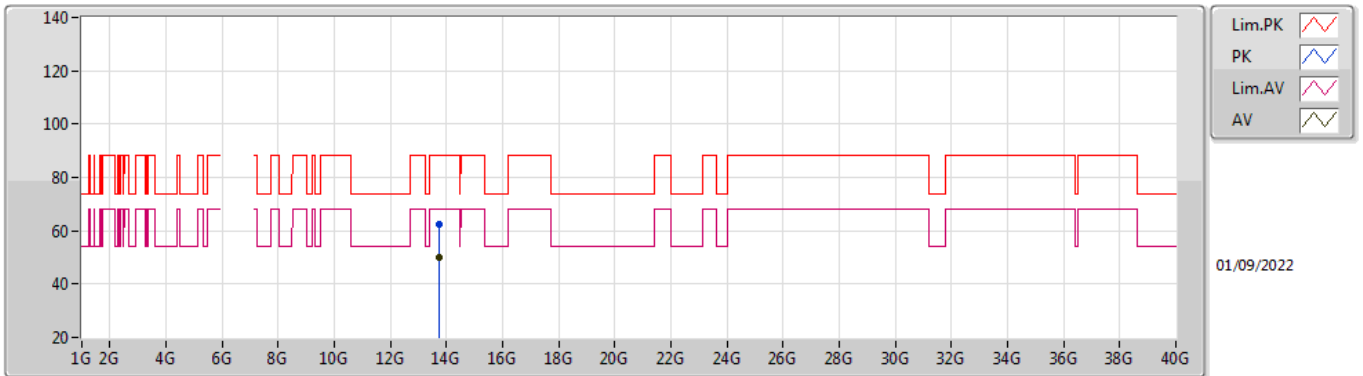


EUT\_X\_2TX  
 Setting 80  
 01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8666G	110.16	Inf	-Inf	99.57	3	Horizontal	347	2.42	-	36.47	7.10	32.98
RMS	6.8666G	100.19	Inf	-Inf	89.60	3	Horizontal	347	2.42	-	36.47	7.10	32.98
PK	7.1738G	62.58	88.20	-25.62	51.48	3	Horizontal	347	2.42	-	37.00	7.21	33.11
RMS	7.1426G	52.65	68.20	-15.55	41.67	3	Horizontal	347	2.42	-	36.84	7.23	33.09

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

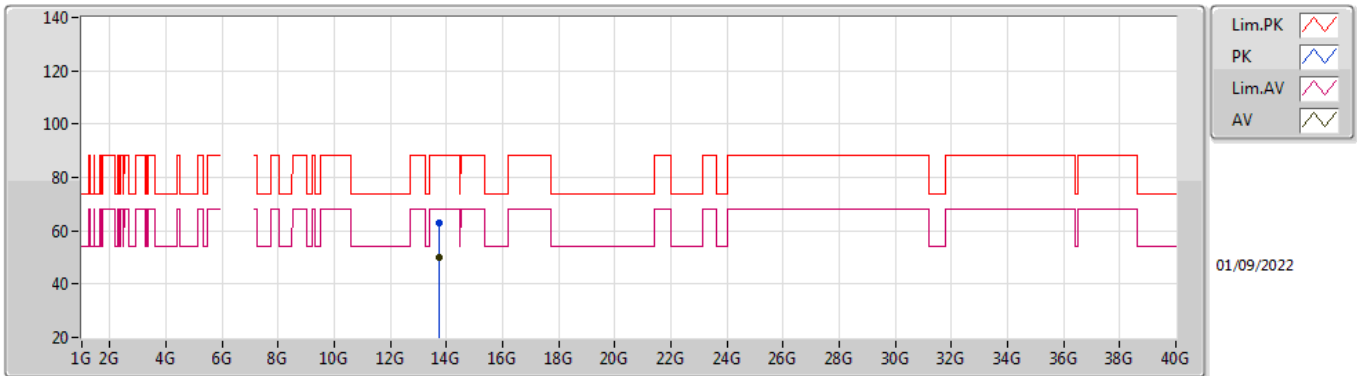
6875MHz Straddle 6.525-6.875GHz\_TnomVnom



EUT\_X\_2TX  
 Setting 80  
 01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.749G	62.66	88.20	-25.54	41.86	3	Vertical	167	1.20	-	40.65	9.79	29.64
RMS	13.7527G	49.85	68.20	-18.35	29.03	3	Vertical	167	1.20	-	40.66	9.79	29.63

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**  
**6875MHz Straddle 6.525-6.875GHz\_TnomVnom**

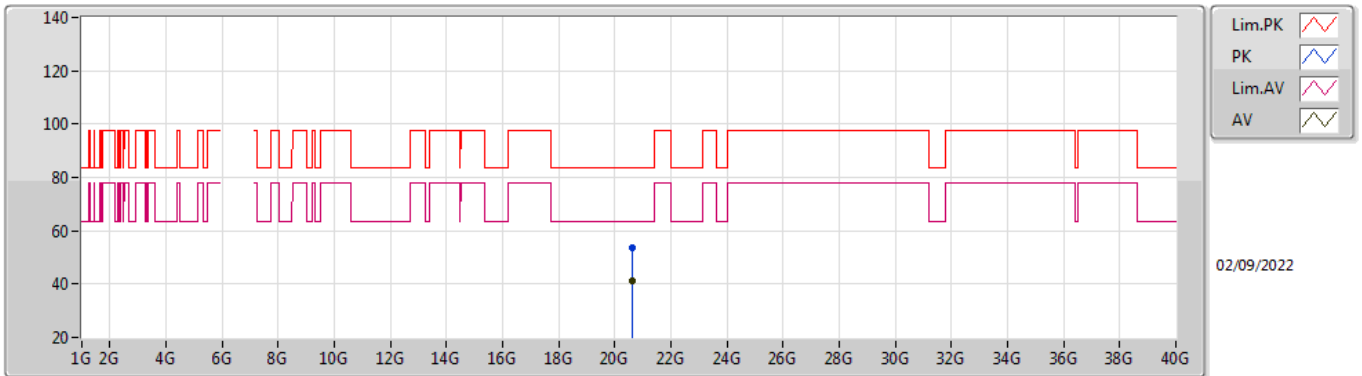



EUT X\_2TX  
 Setting 80  
 01-L-R-5


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.7293G	62.78	88.20	-25.42	42.06	3	Horizontal	230	1.36	-	40.59	9.78	29.65
RMS	13.7465G	49.88	68.20	-18.32	29.09	3	Horizontal	230	1.36	-	40.64	9.79	29.64


802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX


6875MHz Straddle 6.525-6.875GHz\_TnomVnom



Lim.PK 

PK 

Lim.AV 

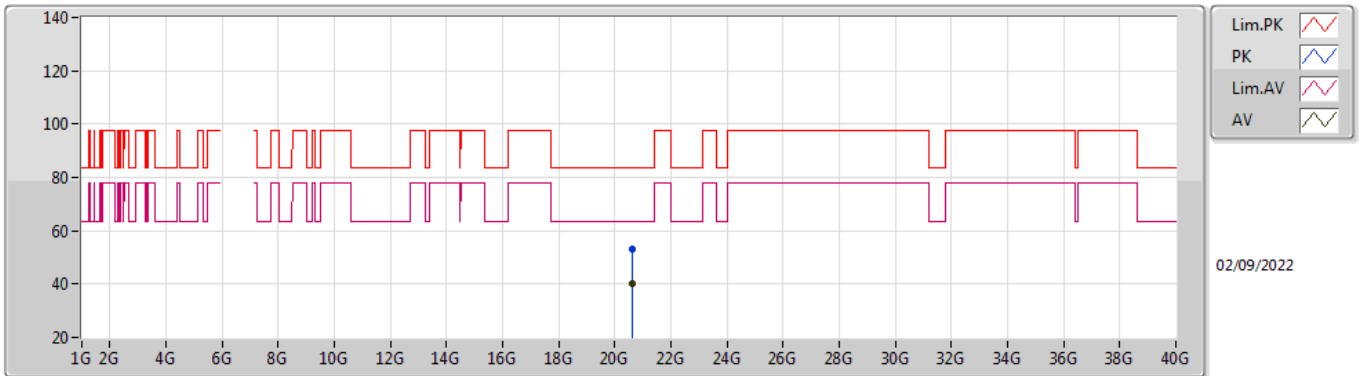
AV 

02/09/2022

EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.6326G	53.85	83.54	-29.69	50.24	1	Vertical	118	1.54	-	38.47	15.26	50.12
AV	20.6129G	41.18	63.54	-22.36	37.63	1	Vertical	118	1.54	-	38.43	15.25	50.13

**802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX**  
**6875MHz Straddle 6.525-6.875GHz\_TnomVnom**

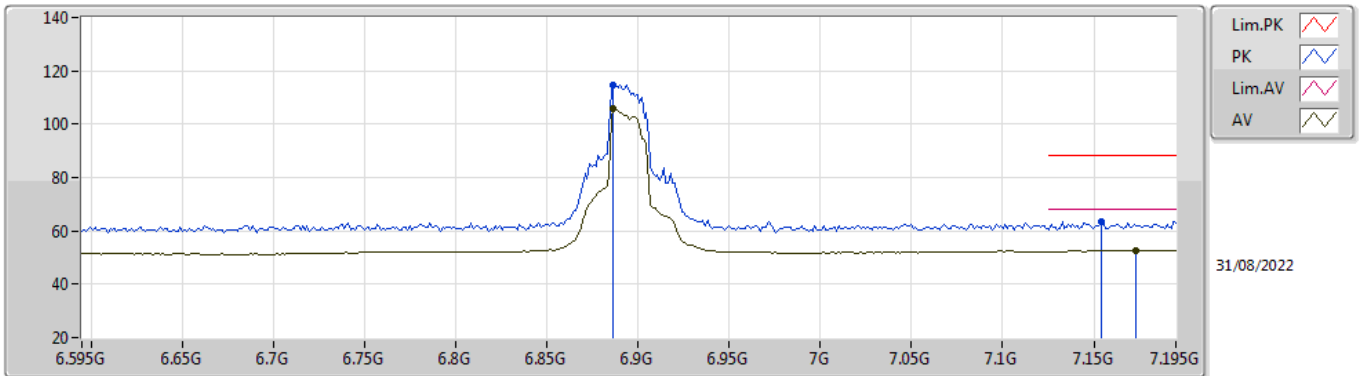


EUT\_X\_2TX  
 Setting 80  
 01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.6381G	53.08	83.54	-30.46	49.46	1	Horizontal	163	1.58	-	38.48	15.26	50.12
AV	20.613G	40.32	63.54	-23.22	36.77	1	Horizontal	163	1.58	-	38.43	15.25	50.13

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6895MHz\_TnomVnom



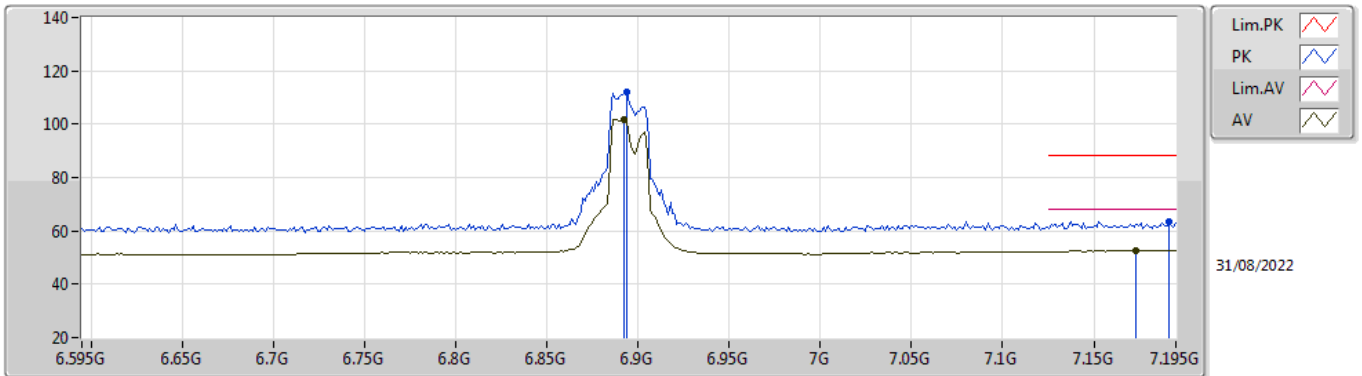
EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8866G	114.59	Inf	-Inf	104.13	3	Vertical	18	1.32	-	36.31	7.13	32.98
RMS	6.8866G	106.12	Inf	-Inf	95.66	3	Vertical	18	1.32	-	36.31	7.13	32.98
PK	7.1542G	63.44	88.20	-24.76	52.40	3	Vertical	18	1.32	-	36.92	7.22	33.10
RMS	7.1734G	52.81	68.20	-15.39	41.72	3	Vertical	18	1.32	-	36.99	7.21	33.11



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6895MHz\_TnomVnom

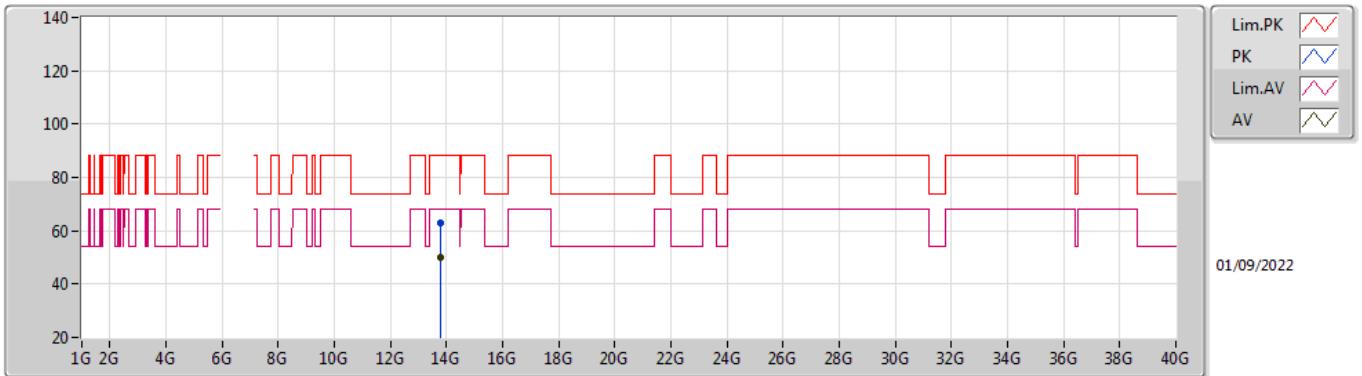


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8938G	112.29	Inf	-Inf	101.89	3	Horizontal	188	1.66	-	36.25	7.14	32.99
RMS	6.8926G	101.74	Inf	-Inf	91.33	3	Horizontal	188	1.66	-	36.26	7.14	32.99
PK	7.1914G	63.41	88.20	-24.79	52.26	3	Horizontal	188	1.66	-	37.07	7.20	33.12
RMS	7.1734G	52.82	68.20	-15.38	41.73	3	Horizontal	188	1.66	-	36.99	7.21	33.11

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6895MHz\_TnomVnom

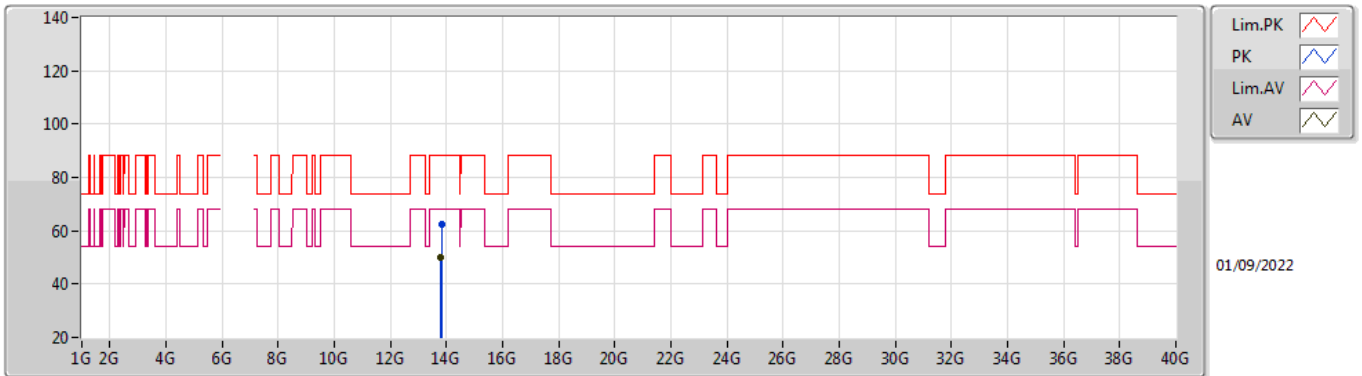


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.7903G	63.01	88.20	-25.19	42.04	3	Vertical	124	1.99	-	40.77	9.81	29.61
RMS	13.8052G	50.09	68.20	-18.11	29.07	3	Vertical	124	1.99	-	40.81	9.81	29.60

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6895MHz\_TnomVnom

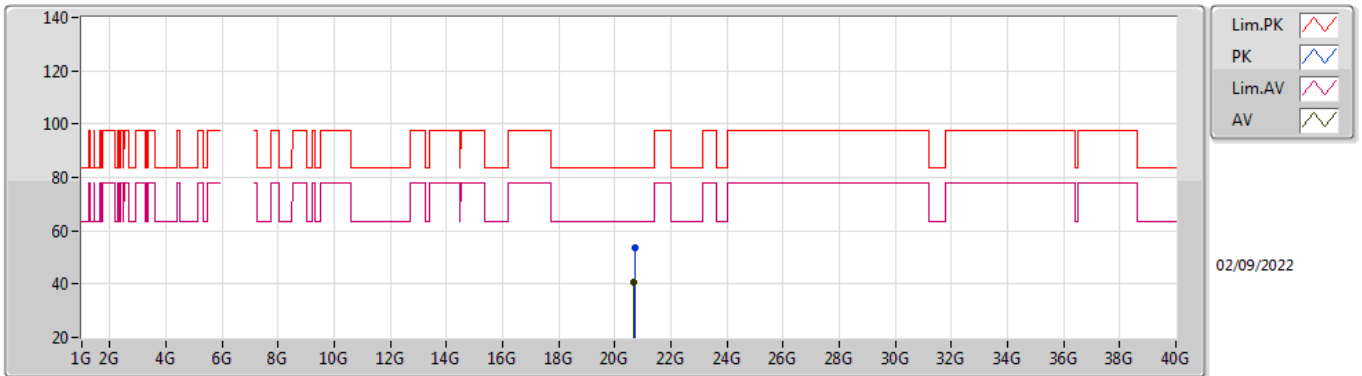


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.8146G	62.61	88.20	-25.59	41.58	3	Horizontal	219	1.45	-	40.81	9.82	29.60
RMS	13.7666G	50.06	68.20	-18.14	29.20	3	Horizontal	219	1.45	-	40.70	9.79	29.63

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6895MHz\_TnomVnom

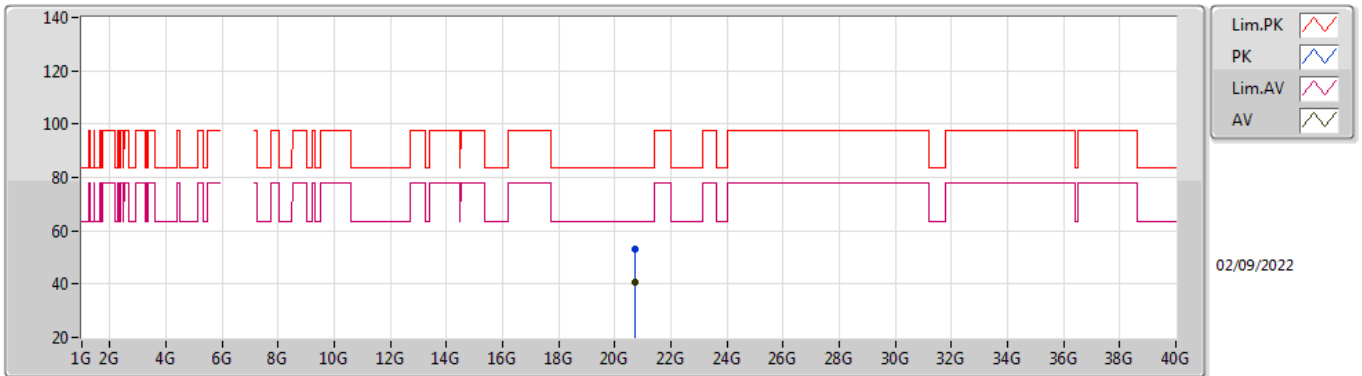


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.7096G	53.85	83.54	-29.69	50.02	1	Vertical	332	1.54	-	38.62	15.28	50.07
AV	20.6725G	40.65	63.54	-22.89	36.93	1	Vertical	332	1.54	-	38.55	15.27	50.10

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6895MHz\_TnomVnom

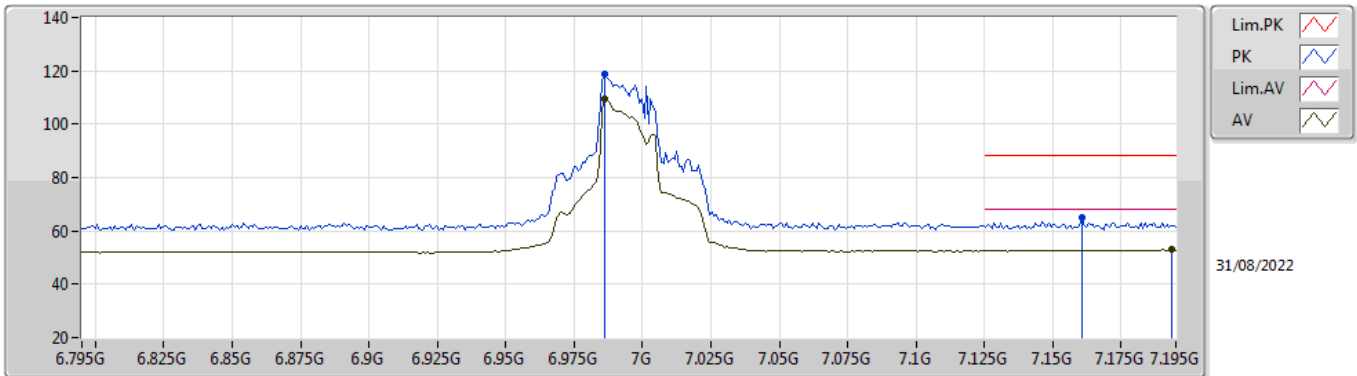


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.702G	53.14	83.54	-30.40	49.34	1	Horizontal	339	1.56	-	38.60	15.28	50.08
AV	20.7009G	40.73	63.54	-22.81	36.93	1	Horizontal	339	1.56	-	38.60	15.28	50.08

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 6995MHz\_TnomVnom

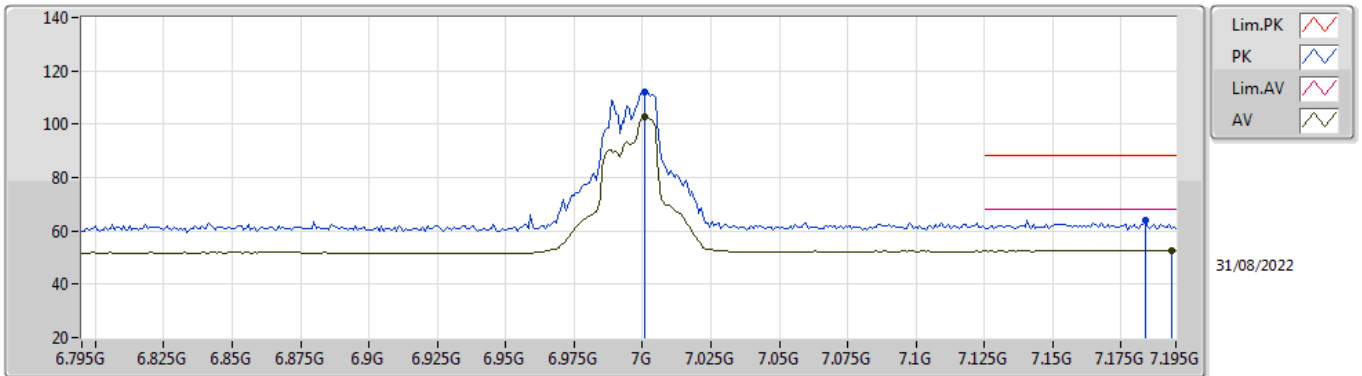


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.9862G	118.84	Inf	-Inf	108.22	3	Vertical	25	2.15	-	36.36	7.28	33.02
RMS	6.9862G	109.28	Inf	-Inf	98.66	3	Vertical	25	2.15	-	36.36	7.28	33.02
PK	7.1606G	64.78	88.20	-23.42	53.72	3	Vertical	25	2.15	-	36.94	7.22	33.10
RMS	7.1934G	52.90	68.20	-15.30	41.75	3	Vertical	25	2.15	-	37.07	7.20	33.12

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

6995MHz\_TnomVnom

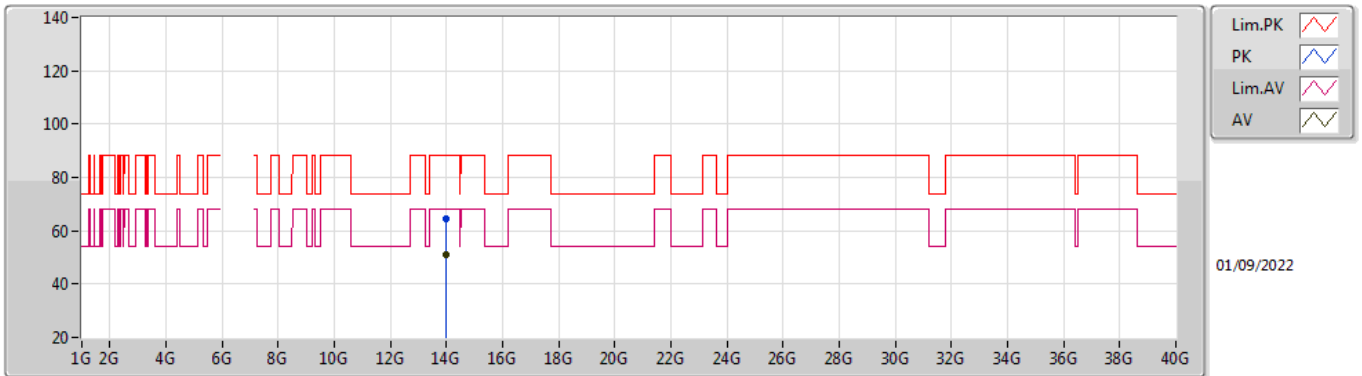


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	7.0006G	112.16	Inf	-Inf	101.58	3	Horizontal	171	2.24	-	36.30	7.30	33.02
RMS	7.0006G	102.69	Inf	-Inf	92.11	3	Horizontal	171	2.24	-	36.30	7.30	33.02
PK	7.1838G	63.83	88.20	-24.37	52.70	3	Horizontal	171	2.24	-	37.04	7.21	33.12
RMS	7.1934G	52.76	68.20	-15.44	41.61	3	Horizontal	171	2.24	-	37.07	7.20	33.12

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6995MHz\_TnomVnom



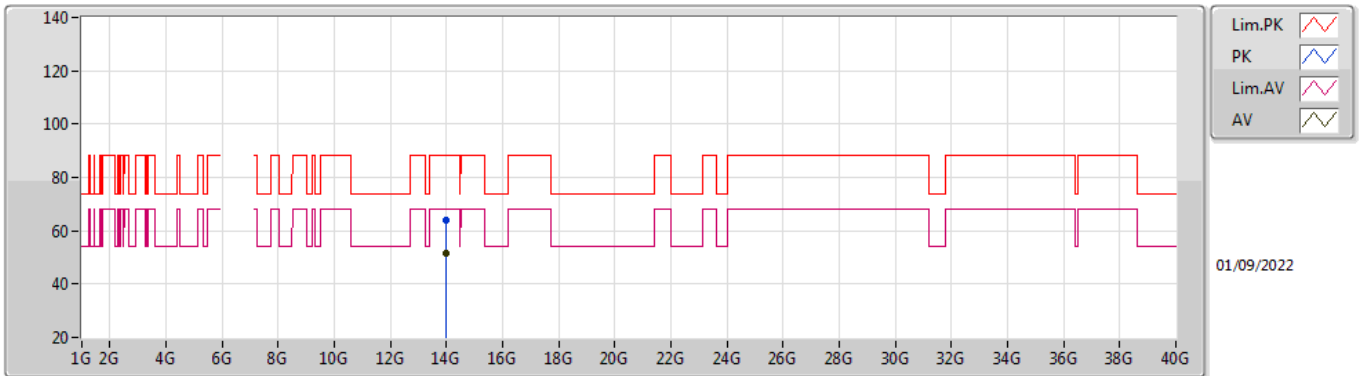
EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.9906G	64.28	88.20	-23.92	42.98	3	Vertical	26	2.75	-	40.90	9.90	29.50
RMS	13.9702G	51.17	68.20	-17.03	29.89	3	Vertical	26	2.75	-	40.90	9.89	29.51



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6995MHz\_TnomVnom

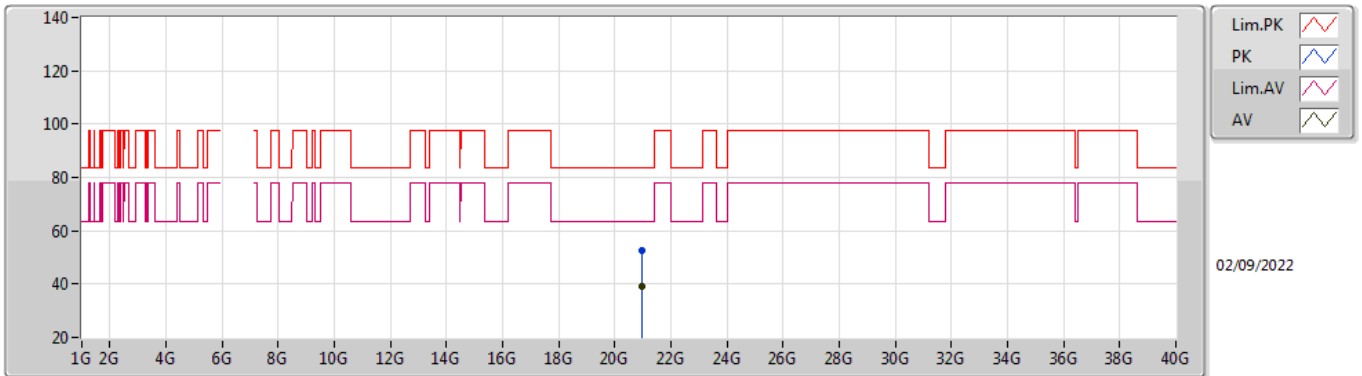


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.967G	63.86	88.20	-24.34	42.58	3	Horizontal	309	2.39	-	40.90	9.89	29.51
RMS	14.0067G	51.34	68.20	-16.86	30.03	3	Horizontal	309	2.39	-	40.90	9.90	29.49

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6995MHz\_TnomVnom

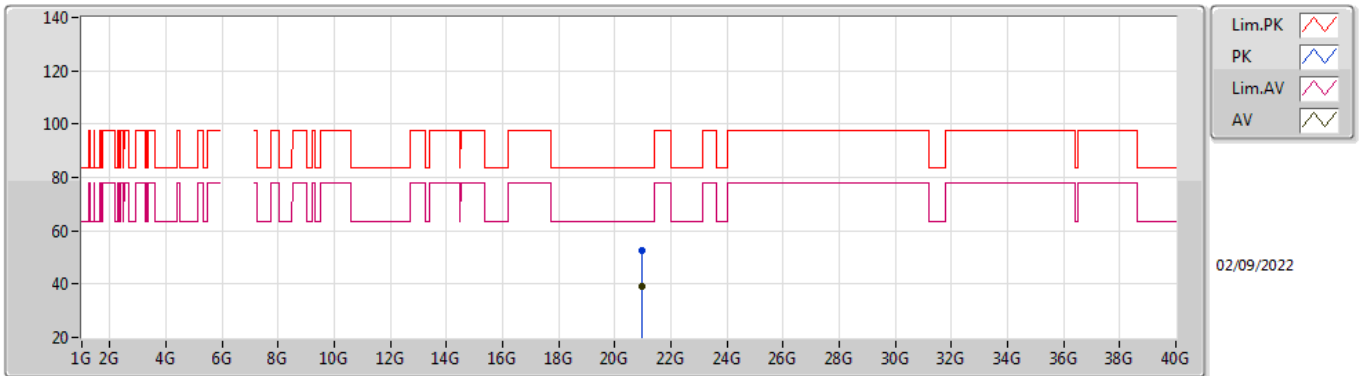


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.9783G	52.75	83.54	-30.79	48.99	1	Vertical	28	1.56	-	38.33	15.34	49.91
AV	20.9687G	39.21	63.54	-24.33	35.44	1	Vertical	28	1.56	-	38.35	15.34	49.92

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 6995MHz\_TnomVnom



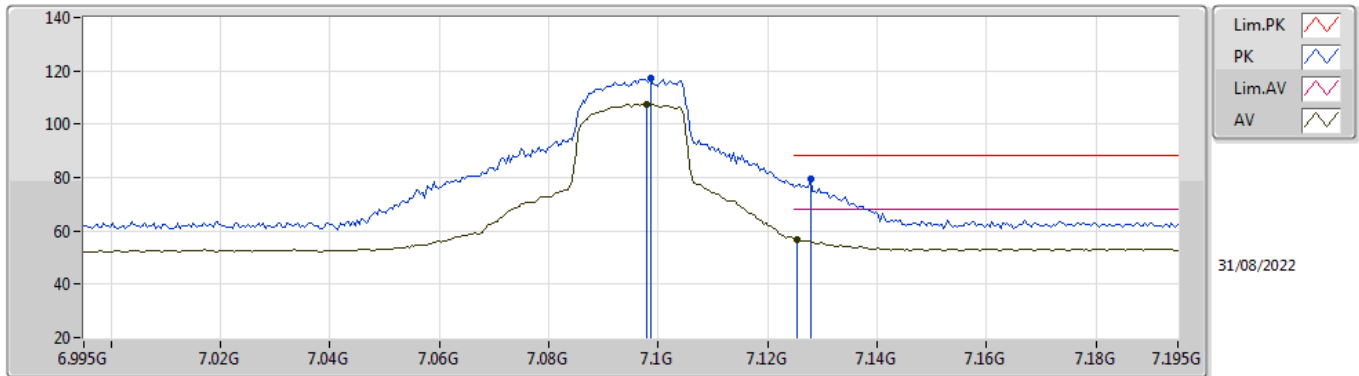
02/09/2022

EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.9616G	52.53	83.54	-31.01	48.75	1	Horizontal	165	1.58	-	38.36	15.34	49.92
AV	20.9753G	39.19	63.54	-24.35	35.42	1	Horizontal	165	1.58	-	38.34	15.34	49.91

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 7095MHz\_TnomVnom

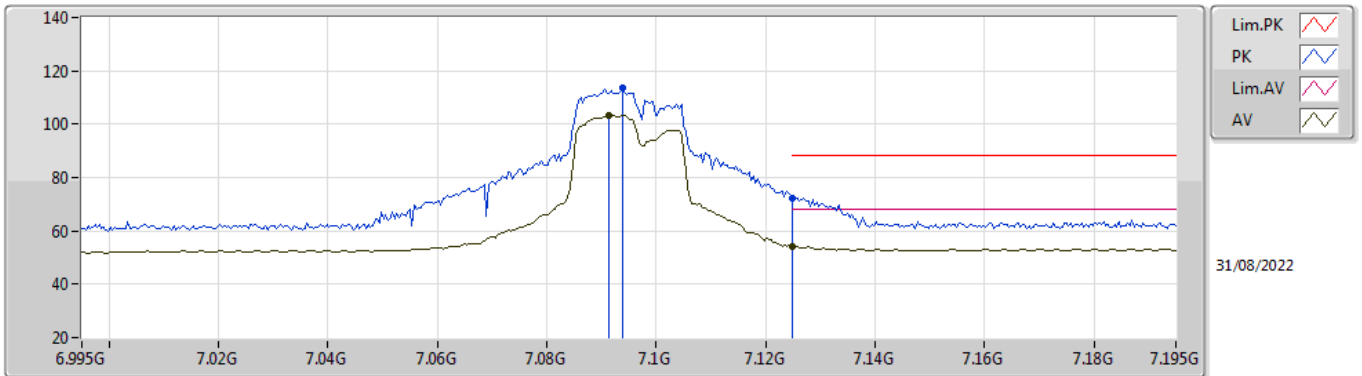


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	7.0986G	117.50	Inf	-Inf	106.82	3	Vertical	16	1.32	-	36.50	7.25	33.07
RMS	7.0978G	107.62	Inf	-Inf	96.94	3	Vertical	16	1.32	-	36.50	7.25	33.07
PK	7.1278G	79.50	88.20	-8.70	68.63	3	Vertical	16	1.32	-	36.72	7.24	33.09
RMS	7.1254G	56.84	68.20	-11.36	45.99	3	Vertical	16	1.32	-	36.70	7.24	33.09

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

7095MHz\_TnomVnom

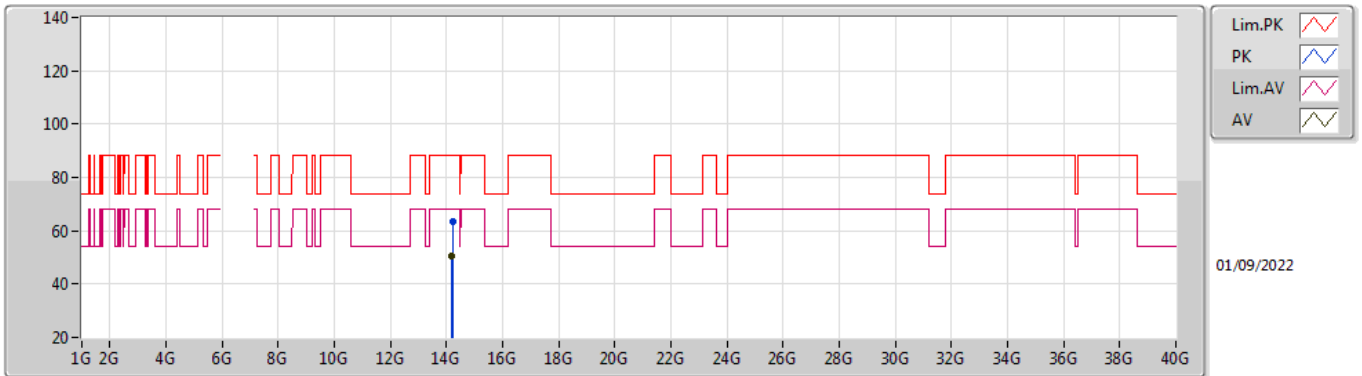


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	7.0938G	113.85	Inf	-Inf	103.16	3	Horizontal	352	2.06	-	36.51	7.25	33.07
RMS	7.0914G	103.38	Inf	-Inf	92.68	3	Horizontal	352	2.06	-	36.52	7.25	33.07
PK	7.125G	72.42	88.20	-15.78	61.57	3	Horizontal	352	2.06	-	36.70	7.24	33.09
RMS	7.125G	54.15	68.20	-14.05	43.30	3	Horizontal	352	2.06	-	36.70	7.24	33.09

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

### 7095MHz\_TnomVnom

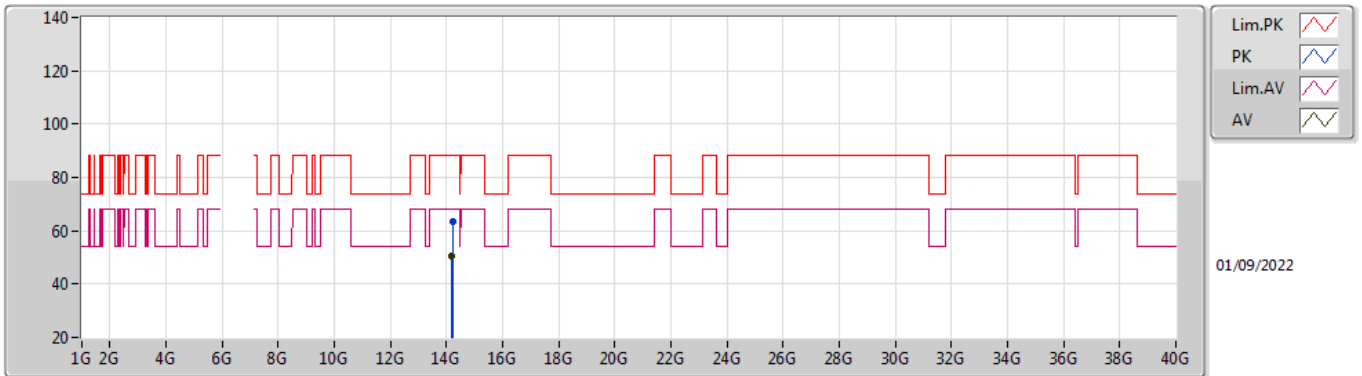


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	14.2096G	63.56	88.20	-24.64	42.46	3	Vertical	16	2.67	-	40.78	9.96	29.64
RMS	14.2045G	50.74	68.20	-17.46	29.62	3	Vertical	16	2.67	-	40.79	9.96	29.63

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 7095MHz\_TnomVnom

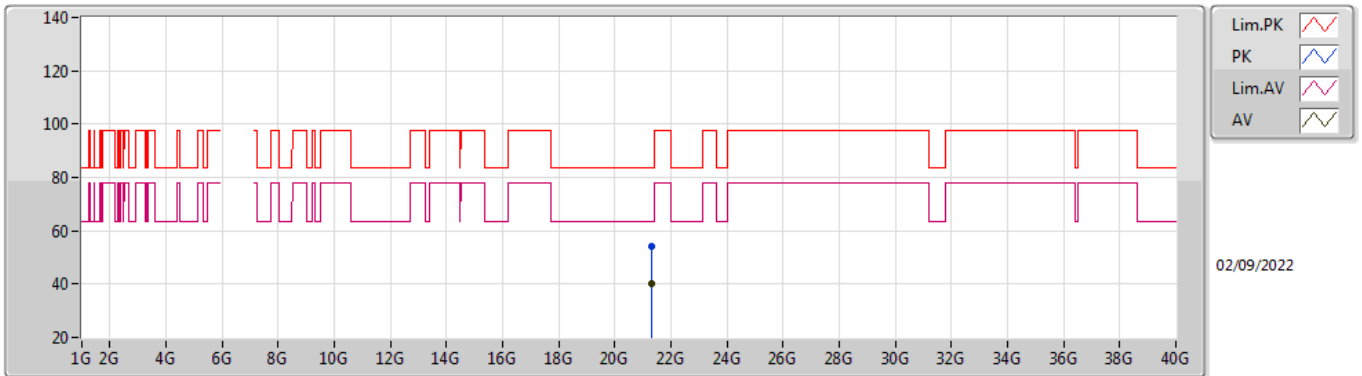


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	14.2088G	63.43	88.20	-24.77	42.33	3	Horizontal	141	2.48	-	40.78	9.96	29.64
RMS	14.1802G	50.76	68.20	-17.44	29.61	3	Horizontal	141	2.48	-	40.82	9.95	29.62

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 7095MHz\_TnomVnom



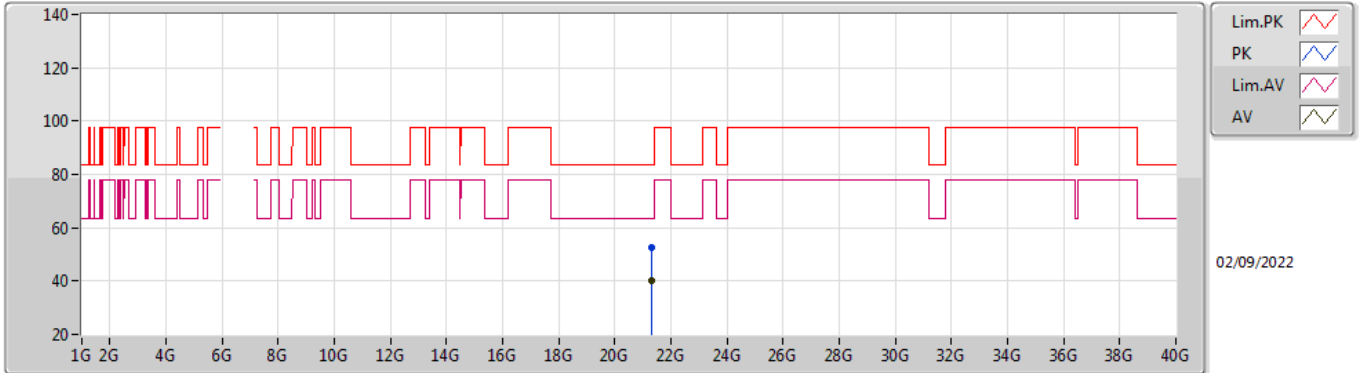
EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	21.2898G	54.37	83.54	-29.17	50.81	1	Vertical	205	1.55	-	38.10	15.42	49.96
AV	21.3096G	40.29	63.54	-23.25	36.68	1	Vertical	205	1.55	-	38.14	15.43	49.96



### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 7095MHz\_TnomVnom

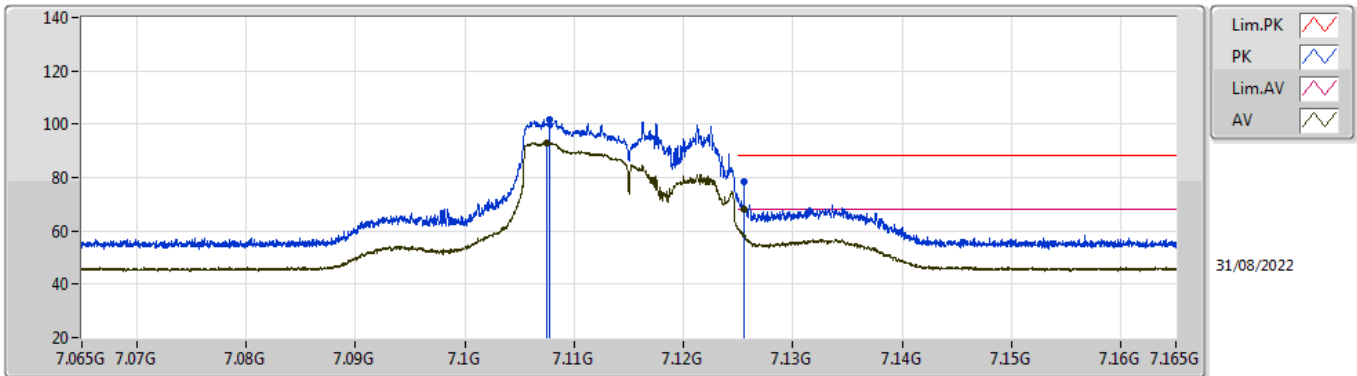


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	21.2869G	52.82	83.54	-30.72	49.27	1	Horizontal	309	1.57	-	38.09	15.42	49.96
AV	21.3098G	40.24	63.54	-23.30	36.63	1	Horizontal	309	1.57	-	38.14	15.43	49.96

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 7115MHz\_TnomVnom

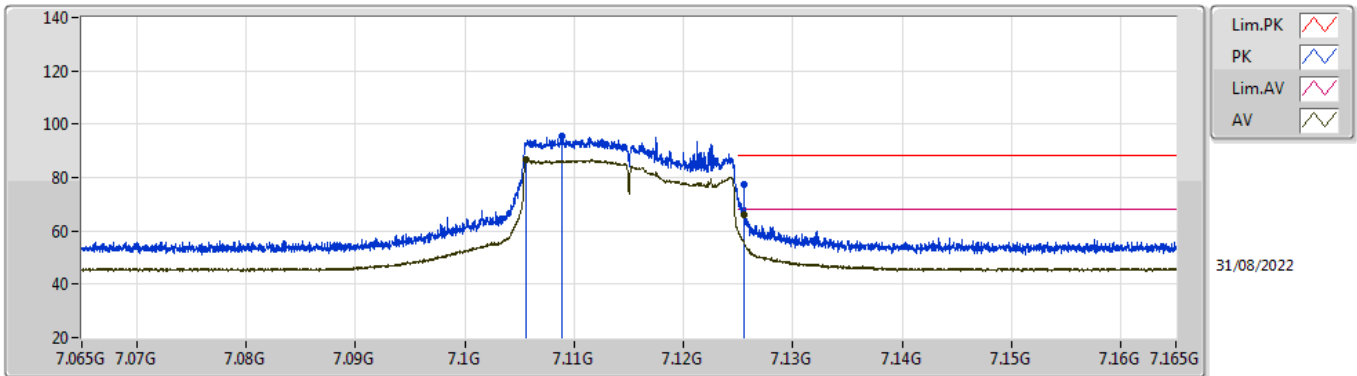


EUT X\_2TX  
Setting 45  
01-L-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	7.10773G	101.88	Inf	-Inf	91.15	3	Vertical	195	2.20	-	36.56	7.25	33.08
RMS	7.10745G	93.12	Inf	-Inf	82.39	3	Vertical	195	2.20	-	36.56	7.25	33.08
PK	7.1255G	78.64	88.20	-9.56	67.79	3	Vertical	195	2.20	-	36.70	7.24	33.09
RMS	7.1255G	68.19	68.20	-0.01	57.34	3	Vertical	195	2.20	-	36.70	7.24	33.09

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 7115MHz\_TnomVnom

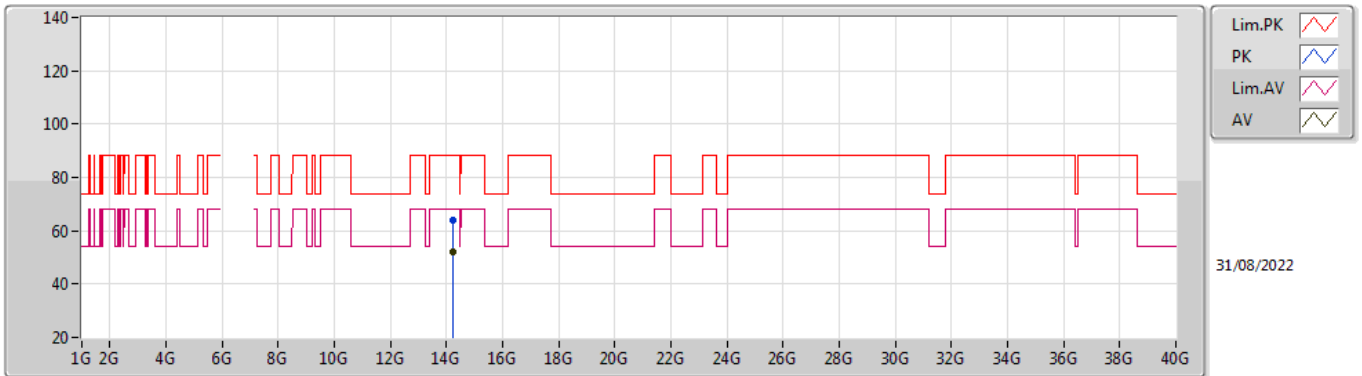


EUT X\_2TX  
Setting 45  
01-L-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	7.10885G	95.34	Inf	-Inf	84.60	3	Horizontal	198	1.56	-	36.57	7.25	33.08
RMS	7.1056G	86.90	Inf	-Inf	76.18	3	Horizontal	198	1.56	-	36.54	7.25	33.07
PK	7.1255G	77.20	88.20	-11.00	66.35	3	Horizontal	198	1.56	-	36.70	7.24	33.09
RMS	7.1255G	66.08	68.20	-2.12	55.23	3	Horizontal	198	1.56	-	36.70	7.24	33.09

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 7115MHz\_TnomVnom

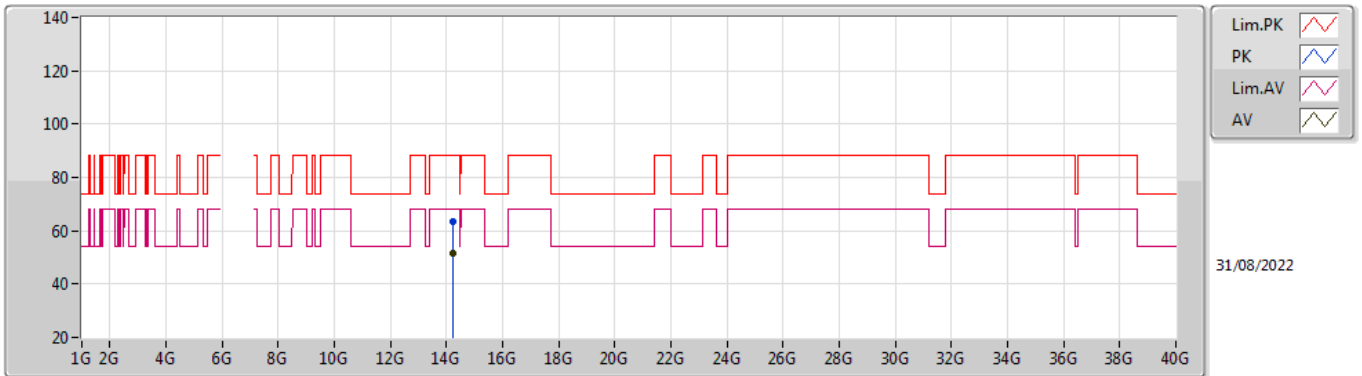


EUT X\_2TX  
Setting 45  
01-L-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	14.23176G	63.76	88.20	-24.44	42.70	3	Vertical	195	2.40	-	40.74	9.97	29.65
RMS	14.2214G	52.19	68.20	-16.01	31.10	3	Vertical	195	2.40	-	40.76	9.97	29.64

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 7115MHz\_TnomVnom

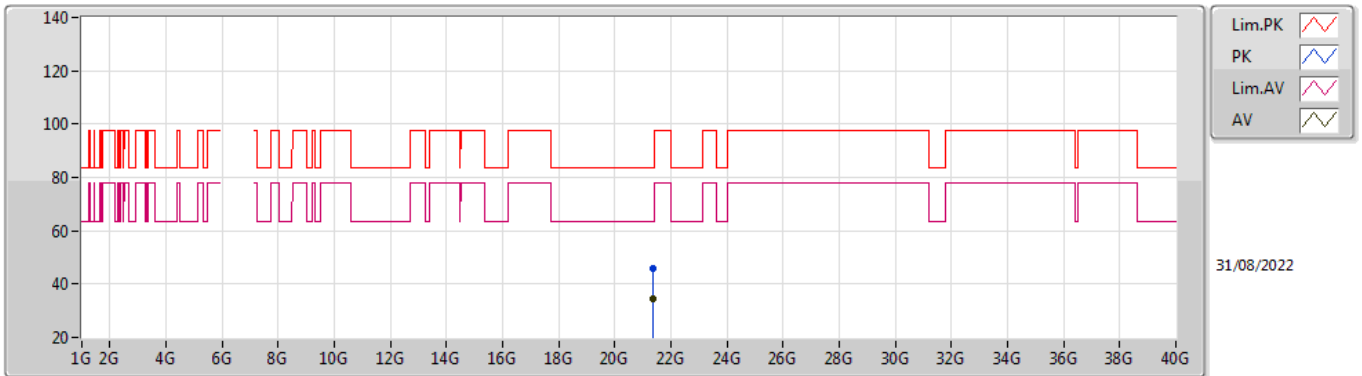


EUT\_X\_2TX  
Setting 45  
01-L-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	14.2322G	63.58	88.20	-24.62	42.52	3	Horizontal	85	1.80	-	40.74	9.97	29.65
RMS	14.22668G	51.51	68.20	-16.69	30.44	3	Horizontal	85	1.80	-	40.75	9.97	29.65

802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

7115MHz\_TnomVnom

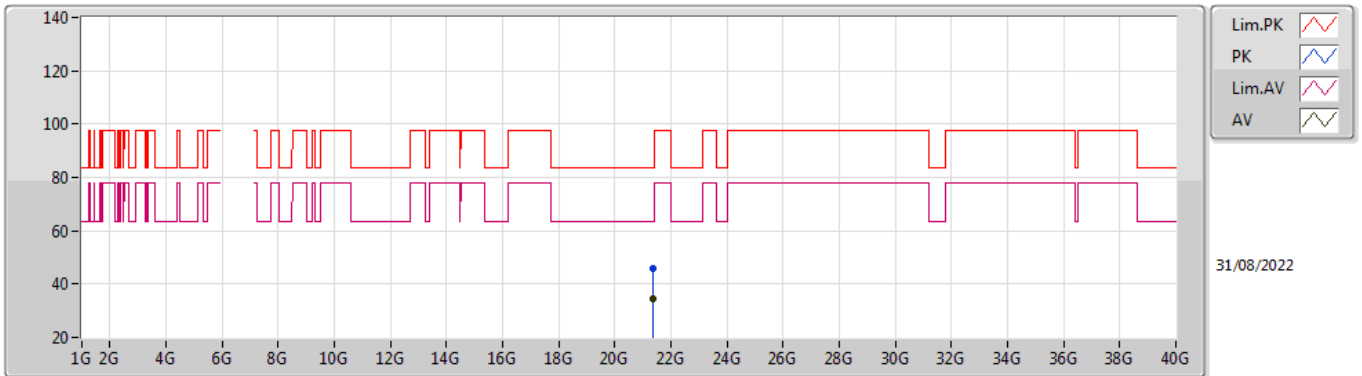


EUT X\_2TX  
Setting 45  
01-L-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	21.3495G	45.92	83.54	-37.62	42.73	1	Vertical	25	1.54	-	37.72	15.44	49.97
AV	21.34804G	34.32	63.54	-29.22	31.13	1	Vertical	25	1.54	-	37.72	15.44	49.97

### 802.11ax HEW20-BF\_Nss1,(MCS0)\_2TX

#### 7115MHz\_TnomVnom

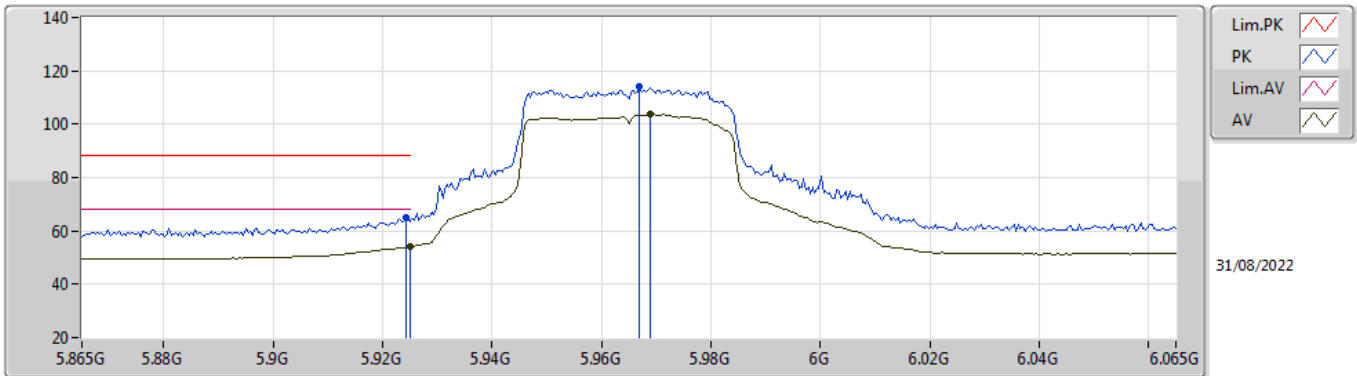


EUT X\_2TX  
Setting 45  
01-L-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	21.34318G	46.02	83.54	-37.52	42.84	1	Horizontal	281	1.51	-	37.71	15.44	49.97
AV	21.34034G	34.32	63.54	-29.22	31.14	1	Horizontal	281	1.51	-	37.71	15.44	49.97

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5965MHz\_TnomVnom



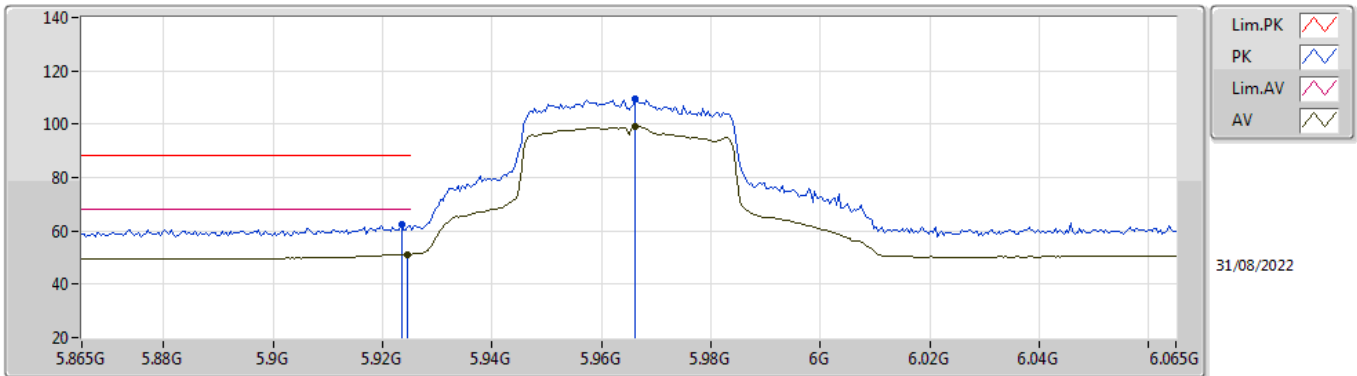
EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9242G	65.12	88.20	-23.08	56.33	3	Vertical	14	1.80	-	35.00	6.60	32.81
RMS	5.925G	53.95	68.20	-14.25	45.16	3	Vertical	14	1.80	-	35.00	6.60	32.81
PK	5.967G	114.09	Inf	-Inf	105.15	3	Vertical	14	1.80	-	35.17	6.60	32.83
RMS	5.969G	103.68	Inf	-Inf	94.73	3	Vertical	14	1.80	-	35.18	6.60	32.83



### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5965MHz\_TnomVnom

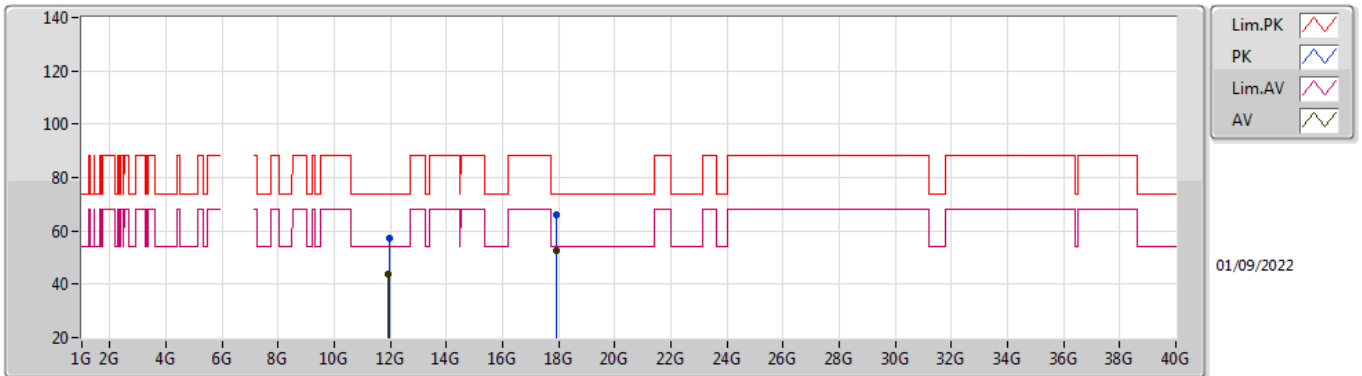


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9234G	62.18	88.20	-26.02	53.40	3	Horizontal	170	1.80	-	34.99	6.60	32.81
RMS	5.9246G	51.25	68.20	-16.95	42.46	3	Horizontal	170	1.80	-	35.00	6.60	32.81
PK	5.9662G	109.32	Inf	-Inf	100.39	3	Horizontal	170	1.80	-	35.16	6.60	32.83
RMS	5.9662G	98.99	Inf	-Inf	90.06	3	Horizontal	170	1.80	-	35.16	6.60	32.83

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5965MHz\_TnomVnom



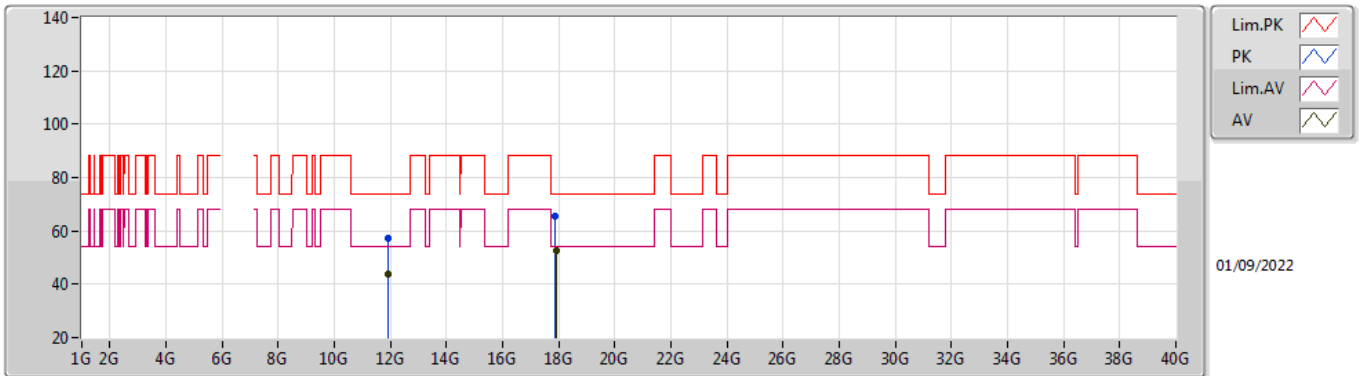
01/09/2022

EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.9442G	57.02	74.00	-16.98	41.09	3	Vertical	281	2.34	-	38.50	8.99	31.56
AV	11.9194G	43.81	54.00	-10.19	27.90	3	Vertical	281	2.34	-	38.50	8.98	31.57
PK	17.9037G	66.02	74.00	-7.98	42.82	3	Vertical	60	2.00	-	42.80	11.07	30.67
AV	17.9003G	52.58	54.00	-1.42	29.38	3	Vertical	60	2.00	-	42.80	11.07	30.67

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 5965MHz\_TnomVnom

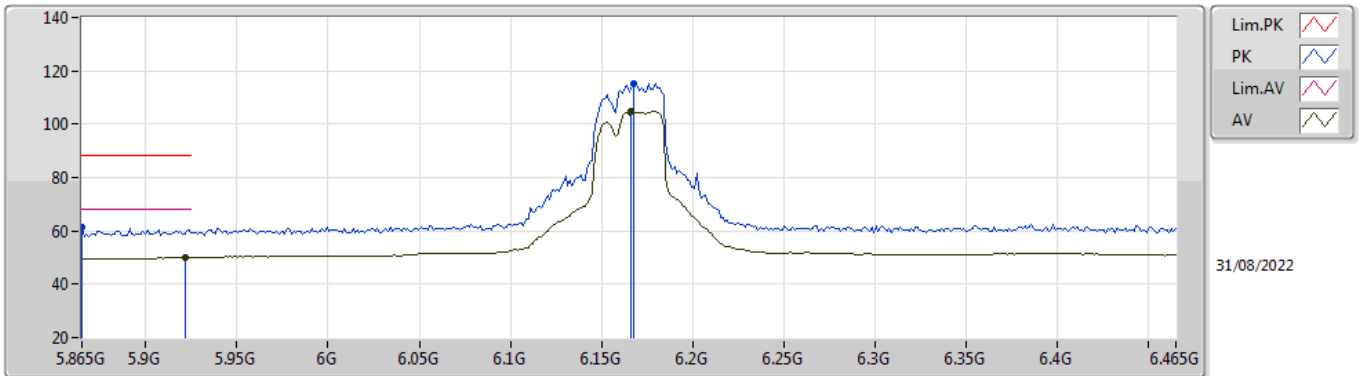


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.9418G	57.15	74.00	-16.85	41.22	3	Horizontal	243	2.50	-	38.50	8.99	31.56
AV	11.9197G	43.89	54.00	-10.11	27.98	3	Horizontal	243	2.50	-	38.50	8.98	31.57
PK	17.8833G	65.42	74.00	-8.58	42.30	3	Horizontal	228	2.69	-	42.73	11.06	30.67
AV	17.9194G	52.77	54.00	-1.23	29.54	3	Horizontal	228	2.69	-	42.82	11.08	30.67

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6165MHz\_TnomVnom

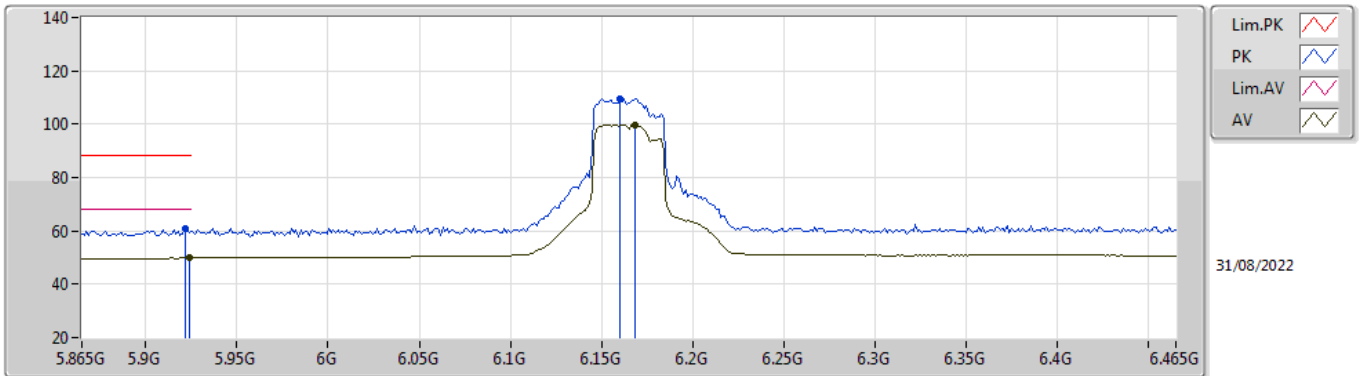


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.865G	61.16	88.20	-27.04	52.52	3	Vertical	360	2.00	-	34.83	6.60	32.79
RMS	5.9214G	50.13	68.20	-18.07	41.35	3	Vertical	360	2.00	-	34.99	6.60	32.81
PK	6.1674G	115.17	Inf	-Inf	105.80	3	Vertical	360	2.00	-	35.37	6.85	32.85
RMS	6.1662G	104.62	Inf	-Inf	95.26	3	Vertical	360	2.00	-	35.36	6.85	32.85

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6165MHz\_TnomVnom

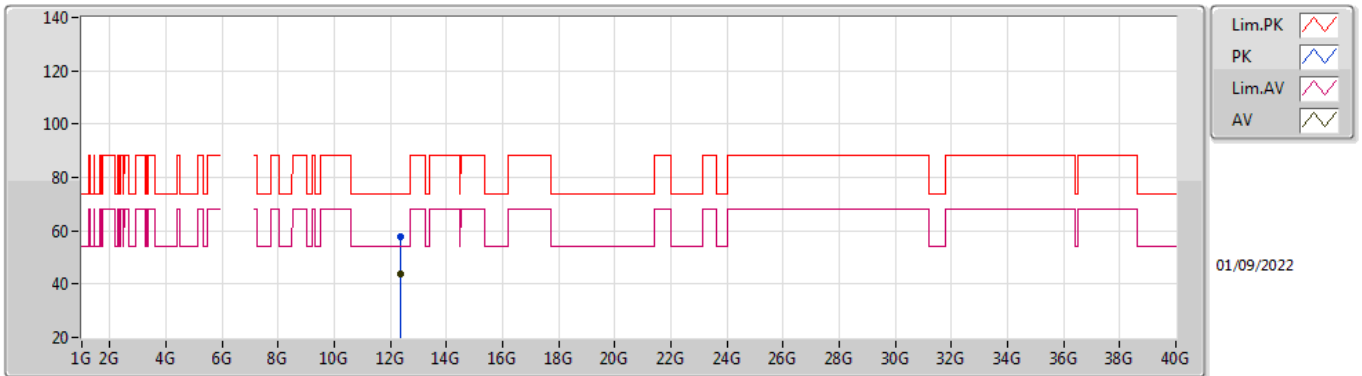


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9214G	60.88	88.20	-27.32	52.10	3	Horizontal	196	1.78	-	34.99	6.60	32.81
RMS	5.9238G	49.88	68.20	-18.32	41.09	3	Horizontal	196	1.78	-	35.00	6.60	32.81
PK	6.1602G	109.46	Inf	-Inf	100.13	3	Horizontal	196	1.78	-	35.34	6.84	32.85
RMS	6.1686G	99.72	Inf	-Inf	90.35	3	Horizontal	196	1.78	-	35.37	6.85	32.85

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6165MHz\_TnomVnom

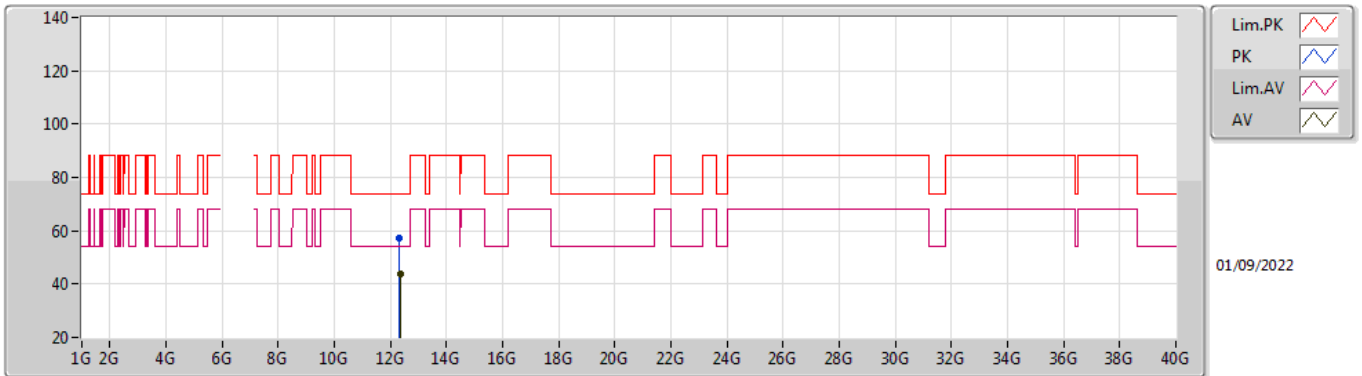


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.3395G	57.82	74.00	-16.18	41.66	3	Vertical	84	1.02	-	38.58	9.15	31.57
AV	12.3436G	43.88	54.00	-10.12	27.71	3	Vertical	84	1.02	-	38.59	9.15	31.57

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6165MHz\_TnomVnom

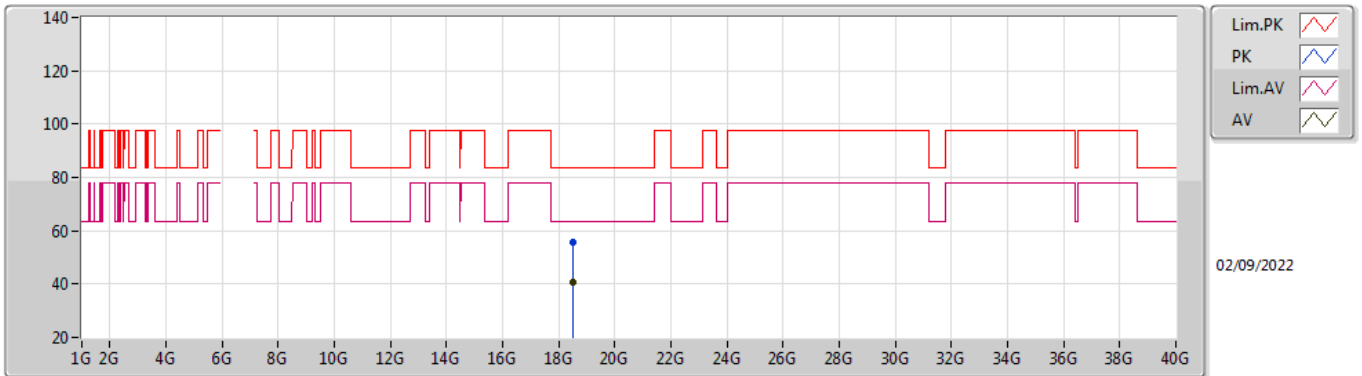


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.3259G	57.16	74.00	-16.84	41.03	3	Horizontal	206	2.52	-	38.55	9.15	31.57
AV	12.3529G	43.97	54.00	-10.03	27.78	3	Horizontal	206	2.52	-	38.61	9.16	31.58

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6165MHz\_TnomVnom



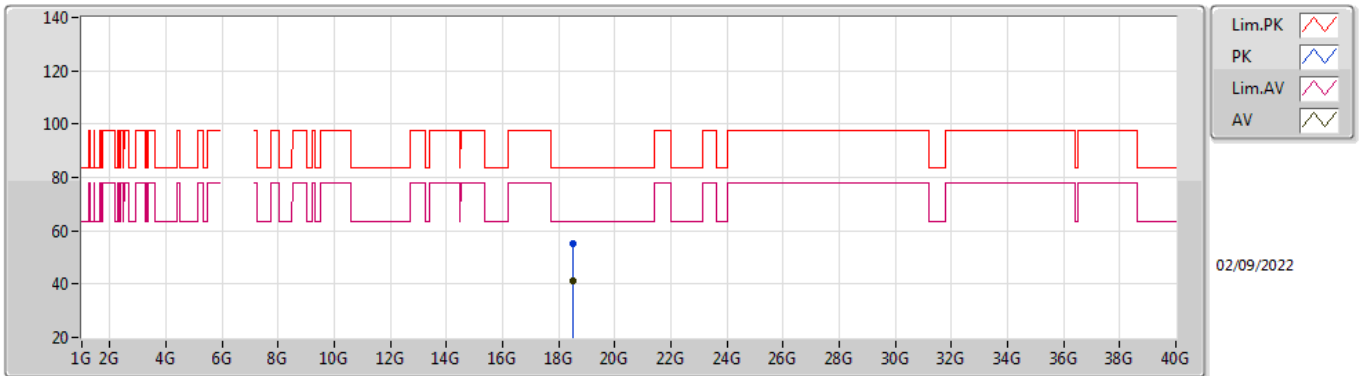
EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	18.5196G	55.79	83.54	-27.75	53.98	1	Vertical	121	1.55	-	37.83	14.58	50.60
AV	18.5191G	40.93	63.54	-22.61	39.12	1	Vertical	121	1.55	-	37.83	14.58	50.60



### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6165MHz\_TnomVnom

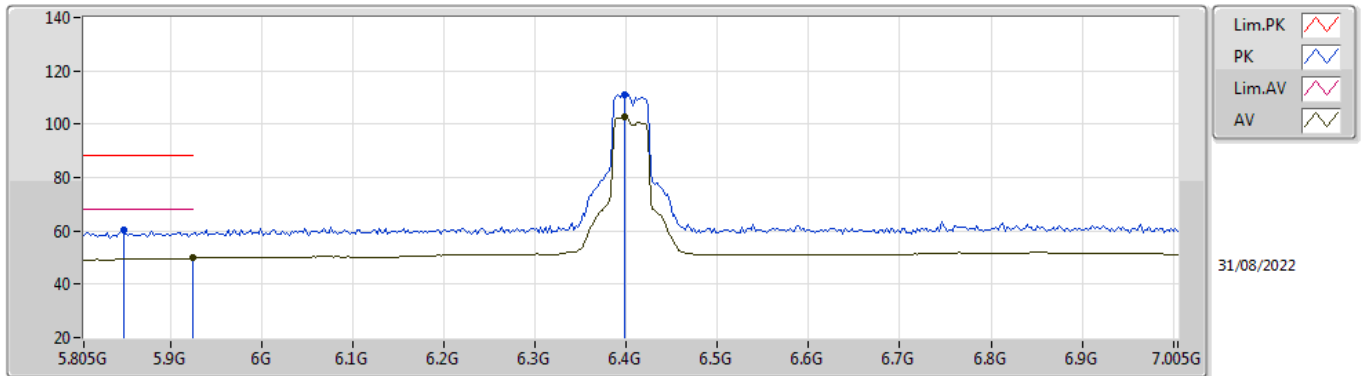


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	18.5157G	55.16	83.54	-28.38	53.35	1	Horizontal	169	1.58	-	37.83	14.58	50.60
AV	18.5196G	41.22	63.54	-22.32	39.41	1	Horizontal	169	1.58	-	37.83	14.58	50.60

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6405MHz\_TnomVnom

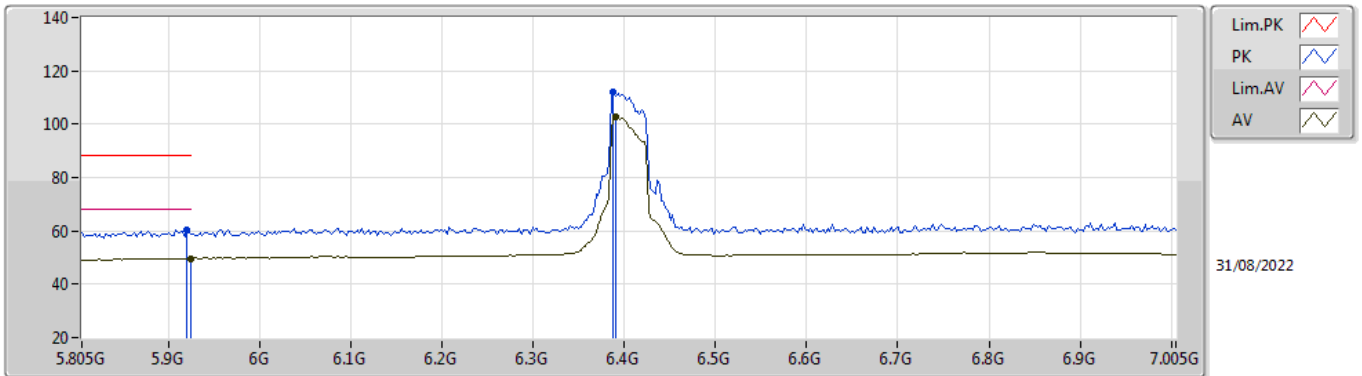


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8482G	60.10	88.20	-28.10	51.49	3	Vertical	179.1	2.25	-	34.79	6.60	32.78
RMS	5.925G	49.80	68.20	-18.40	41.01	3	Vertical	179.1	2.25	-	35.00	6.60	32.81
PK	6.3978G	111.24	Inf	-Inf	101.51	3	Vertical	179.1	2.25	-	35.59	7.00	32.86
RMS	6.3978G	102.52	Inf	-Inf	92.79	3	Vertical	179.1	2.25	-	35.59	7.00	32.86

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6405MHz\_TnomVnom

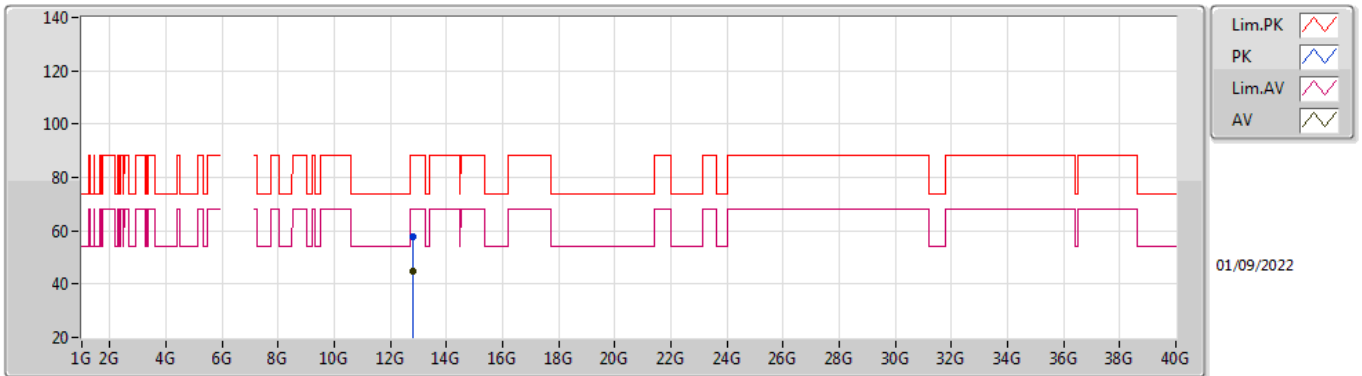


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9202G	60.25	88.20	-27.95	51.48	3	Horizontal	345	2.04	-	34.98	6.60	32.81
RMS	5.925G	49.68	68.20	-18.52	40.89	3	Horizontal	345	2.04	-	35.00	6.60	32.81
PK	6.3882G	111.93	Inf	-Inf	102.27	3	Horizontal	345	2.04	-	35.53	6.99	32.86
RMS	6.3906G	102.70	Inf	-Inf	93.02	3	Horizontal	345	2.04	-	35.54	7.00	32.86

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6405MHz\_TnomVnom

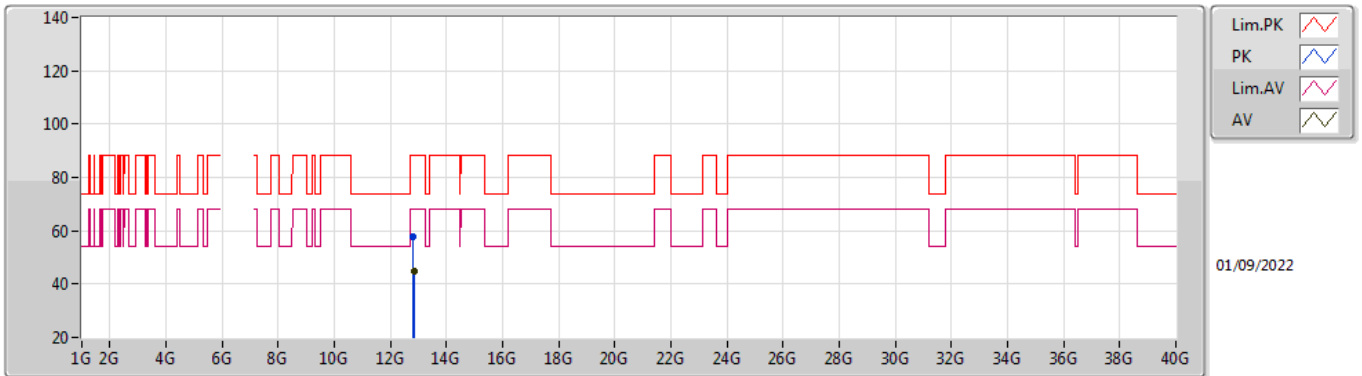


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.8151G	57.90	88.20	-30.30	40.23	3	Vertical	175	1.88	-	39.22	9.37	30.92
RMS	12.8185G	44.88	68.20	-23.32	27.20	3	Vertical	175	1.88	-	39.22	9.37	30.91

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6405MHz\_TnomVnom

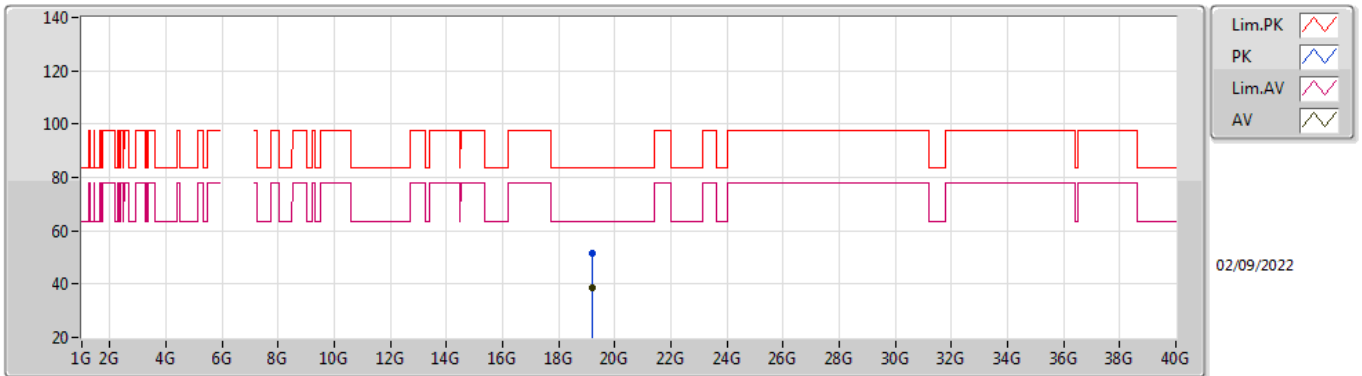


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.8254G	58.01	88.20	-30.19	40.30	3	Horizontal	264	1.64	-	39.23	9.37	30.89
RMS	12.8304G	44.82	68.20	-23.38	27.10	3	Horizontal	264	1.64	-	39.23	9.37	30.88

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6405MHz\_TnomVnom

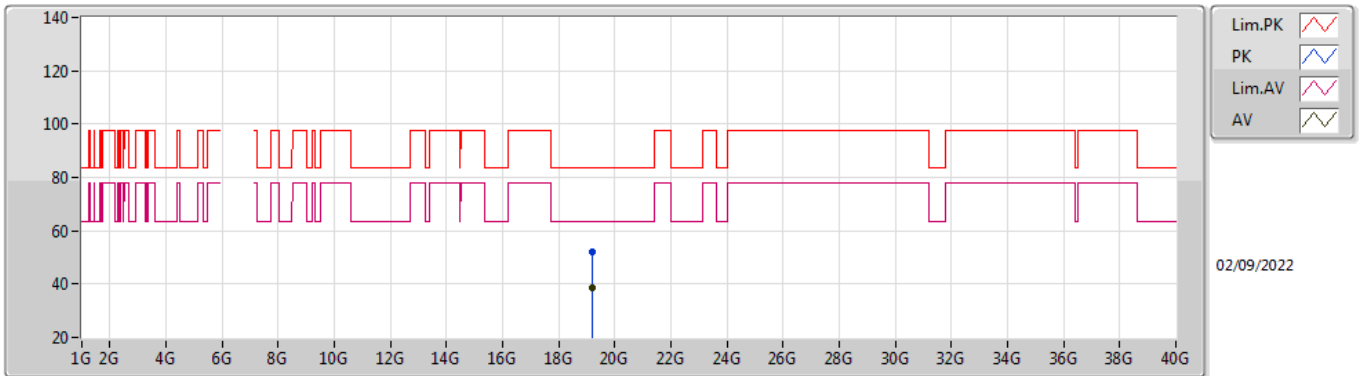


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.2097G	51.54	83.54	-32.00	49.30	1	Vertical	337	1.54	-	38.02	14.82	50.60
AV	19.1986G	38.39	63.54	-25.15	36.15	1	Vertical	337	1.54	-	38.02	14.82	50.60

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6405MHz\_TnomVnom

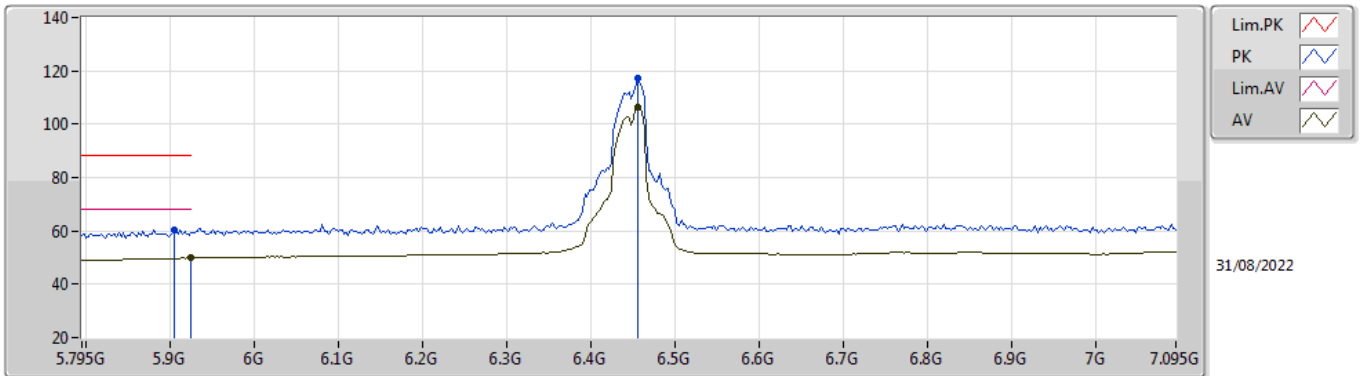


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.2195G	51.88	83.54	-31.66	49.64	1	Horizontal	74	1.56	-	38.01	14.83	50.60
AV	19.2084G	38.43	63.54	-25.11	36.19	1	Horizontal	74	1.56	-	38.02	14.82	50.60

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6445MHz\_TnomVnom



31/08/2022

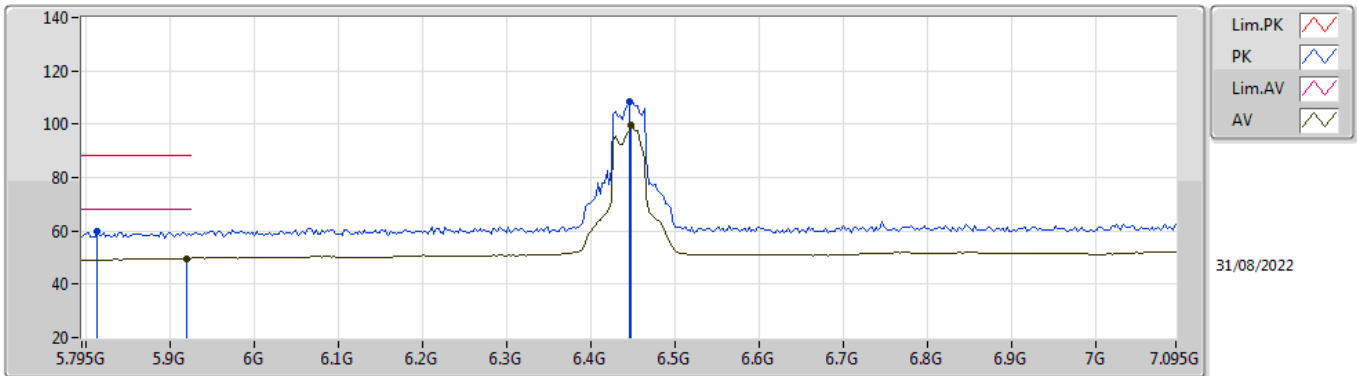
EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.9042G	60.48	88.20	-27.72	51.76	3	Vertical	5	2.08	-	34.92	6.60	32.80
RMS	5.925G	49.94	68.20	-18.26	41.15	3	Vertical	5	2.08	-	35.00	6.60	32.81
PK	6.4554G	117.14	Inf	-Inf	107.58	3	Vertical	5	2.08	-	35.42	7.00	32.86
RMS	6.4554G	106.34	Inf	-Inf	96.78	3	Vertical	5	2.08	-	35.42	7.00	32.86



### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6445MHz\_TnomVnom

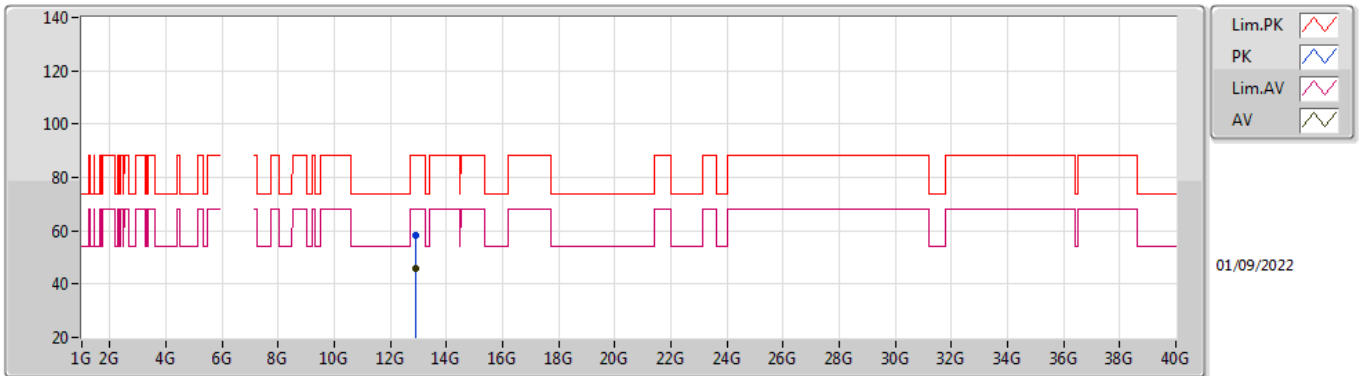


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8132G	59.84	88.20	-28.36	51.50	3	Horizontal	197	2.11	-	34.51	6.60	32.77
RMS	5.9198G	49.73	68.20	-18.47	40.96	3	Horizontal	197	2.11	-	34.98	6.60	32.81
PK	6.445G	108.36	Inf	-Inf	98.80	3	Horizontal	197	2.11	-	35.42	7.00	32.86
RMS	6.4476G	99.49	Inf	-Inf	89.94	3	Horizontal	197	2.11	-	35.41	7.00	32.86

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6445MHz\_TnomVnom

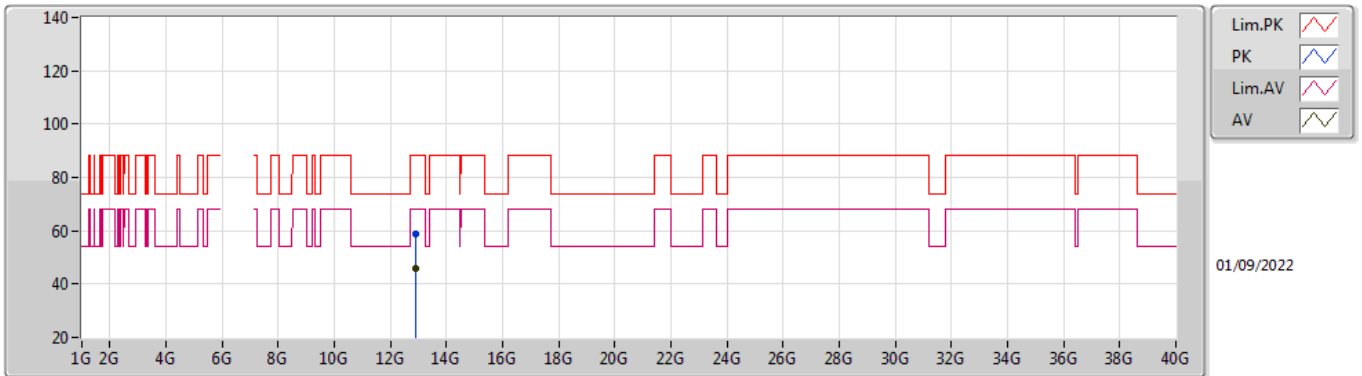


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.9011G	58.48	88.20	-29.72	40.50	3	Vertical	111	2.91	-	39.30	9.41	30.73
RMS	12.9033G	45.73	68.20	-22.47	27.74	3	Vertical	111	2.91	-	39.31	9.41	30.73

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6445MHz\_TnomVnom

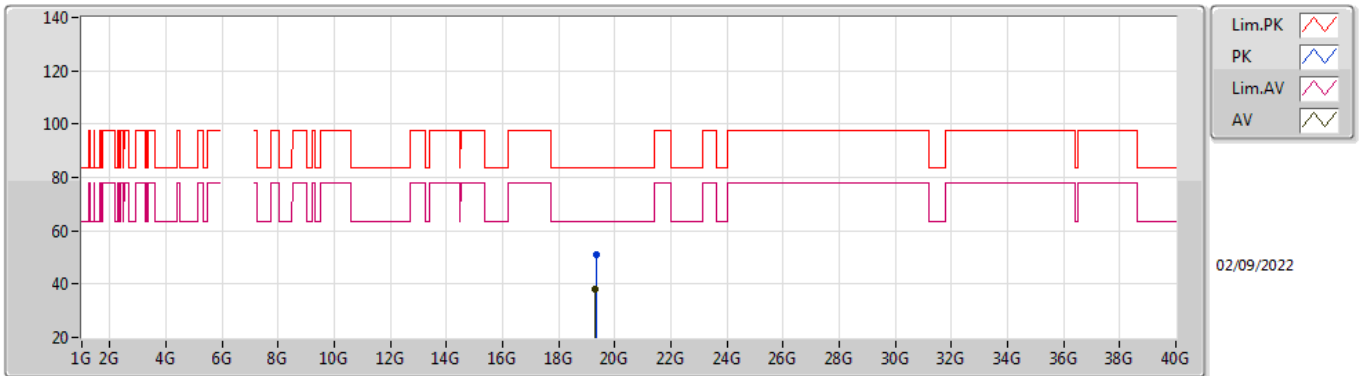


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.8804G	58.57	88.20	-29.63	40.67	3	Horizontal	213	2.65	-	39.28	9.40	30.78
RMS	12.9021G	45.76	68.20	-22.44	27.77	3	Horizontal	213	2.65	-	39.31	9.41	30.73

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6445MHz\_TnomVnom

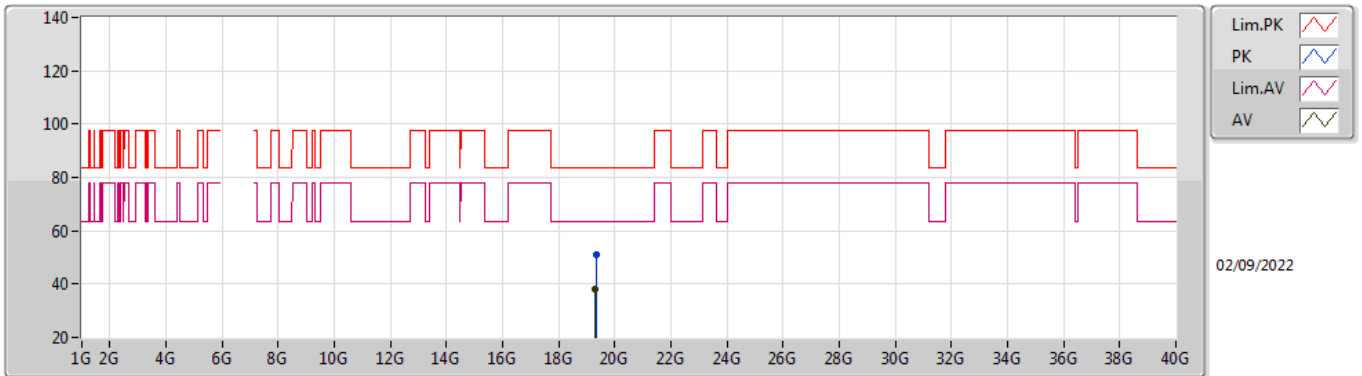


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.3239G	50.92	83.54	-32.62	48.66	1	Vertical	109	1.54	-	38.00	14.86	50.60
AV	19.3134G	38.04	63.54	-25.50	35.78	1	Vertical	109	1.54	-	38.00	14.86	50.60

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6445MHz\_TnomVnom

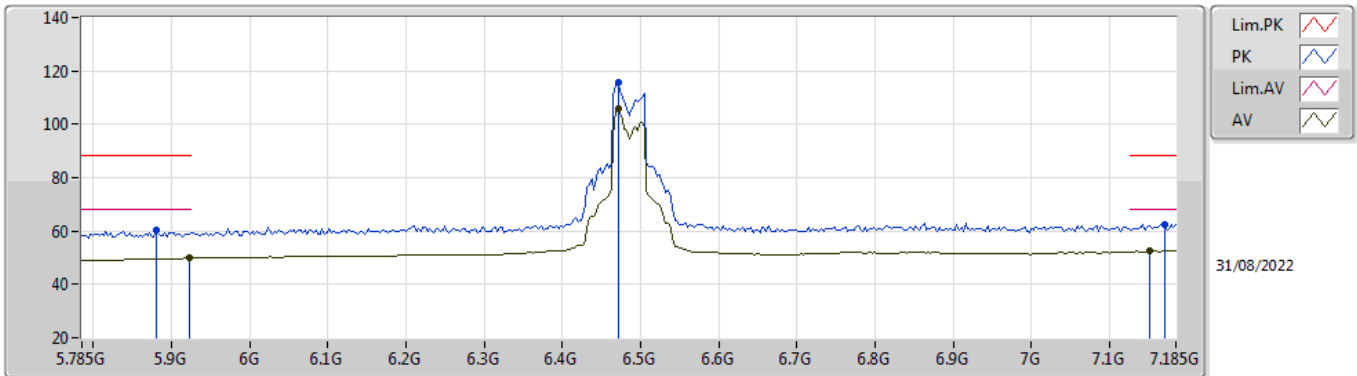


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.3226G	51.14	83.54	-32.40	48.88	1	Horizontal	230	1.58	-	38.00	14.86	50.60
AV	19.316G	37.95	63.54	-25.59	35.69	1	Horizontal	230	1.58	-	38.00	14.86	50.60

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6485MHz\_TnomVnom

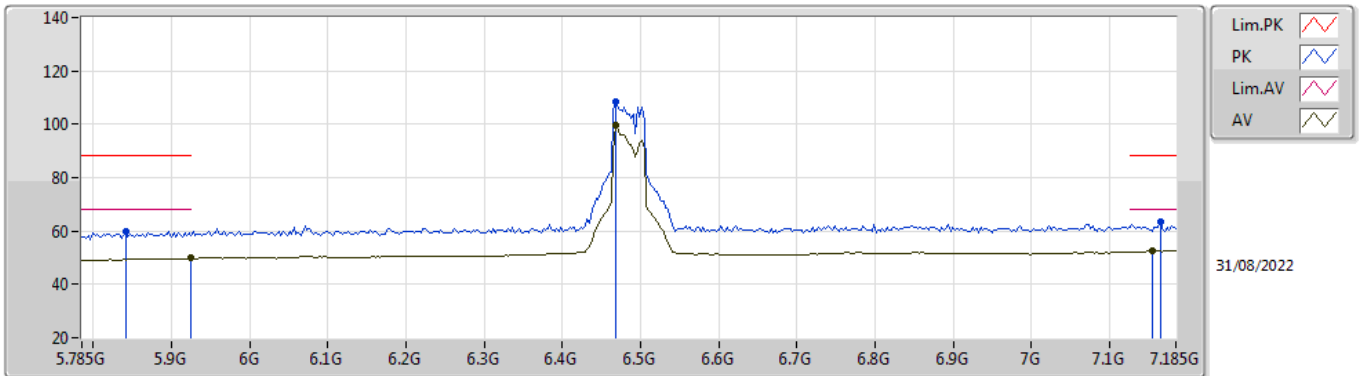


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8802G	60.36	88.20	-27.84	51.69	3	Vertical	22	2.14	-	34.86	6.60	32.79
RMS	5.9222G	49.83	68.20	-18.37	41.05	3	Vertical	22	2.14	-	34.99	6.60	32.81
PK	6.471G	115.93	Inf	-Inf	106.31	3	Vertical	22	2.14	-	35.48	7.00	32.86
RMS	6.471G	105.65	Inf	-Inf	96.03	3	Vertical	22	2.14	-	35.48	7.00	32.86
PK	7.171G	62.66	88.20	-25.54	51.58	3	Vertical	22	2.14	-	36.98	7.21	33.11
RMS	7.1514G	52.64	68.20	-15.56	41.61	3	Vertical	22	2.14	-	36.91	7.22	33.10

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6485MHz\_TnomVnom

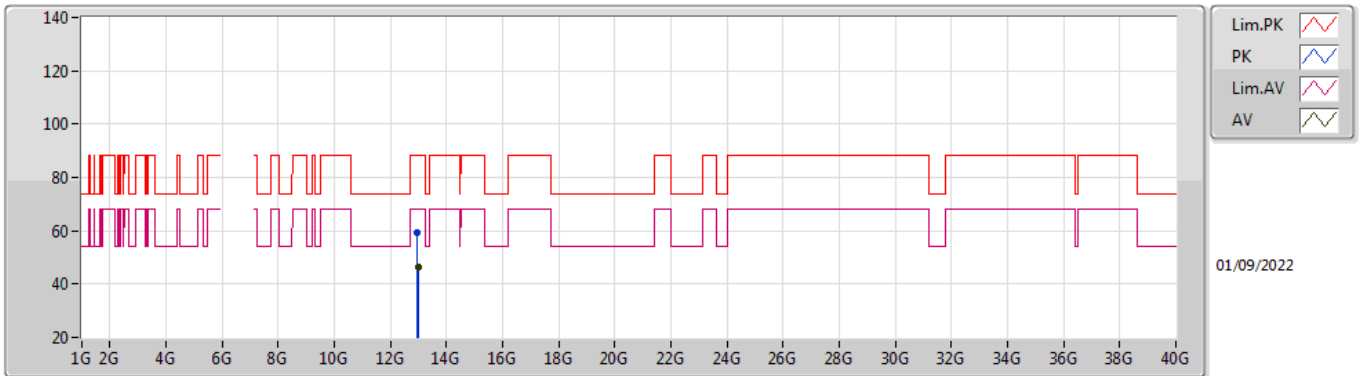


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.841G	59.81	88.20	-28.39	51.26	3	Horizontal	189	1.80	-	34.73	6.60	32.78
RMS	5.925G	49.75	68.20	-18.45	40.96	3	Horizontal	189	1.80	-	35.00	6.60	32.81
PK	6.4682G	108.33	Inf	-Inf	98.72	3	Horizontal	189	1.80	-	35.47	7.00	32.86
RMS	6.4682G	99.62	Inf	-Inf	90.01	3	Horizontal	189	1.80	-	35.47	7.00	32.86
PK	7.1654G	63.53	88.20	-24.67	52.46	3	Horizontal	189	1.80	-	36.96	7.22	33.11
RMS	7.1542G	52.63	68.20	-15.57	41.59	3	Horizontal	189	1.80	-	36.92	7.22	33.10

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6485MHz\_TnomVnom



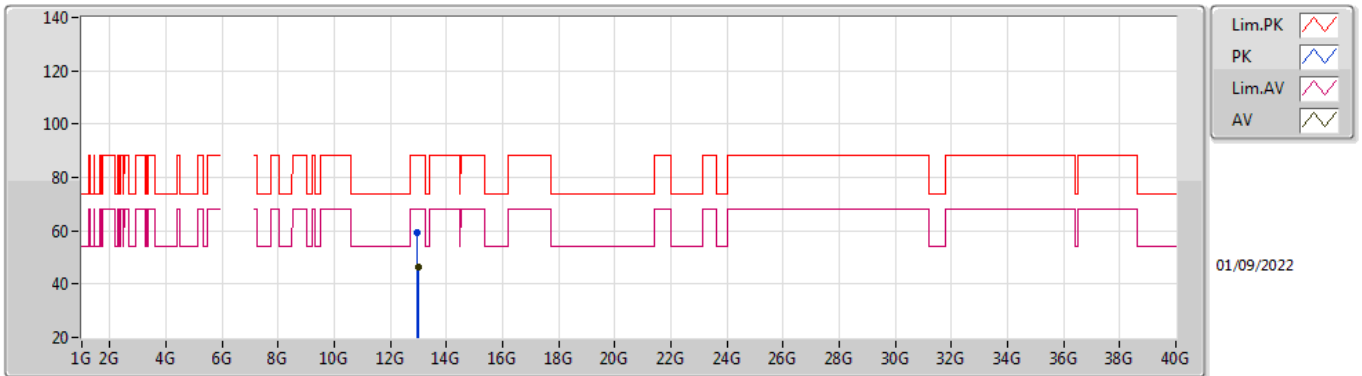
EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.9491G	59.11	88.20	-29.09	40.86	3	Vertical	184	1.40	-	39.45	9.43	30.63
RMS	12.9922G	46.14	68.20	-22.06	27.65	3	Vertical	184	1.40	-	39.58	9.45	30.54



### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6485MHz\_TnomVnom

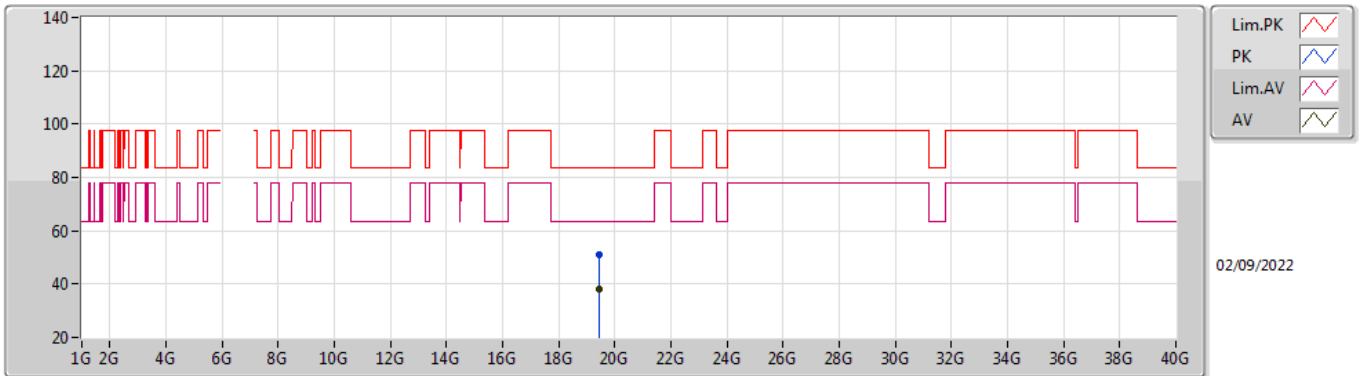


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	12.947G	59.29	88.20	-28.91	41.05	3	Horizontal	176	2.57	-	39.44	9.43	30.63
RMS	12.9886G	46.16	68.20	-22.04	27.69	3	Horizontal	176	2.57	-	39.57	9.44	30.54

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6485MHz\_TnomVnom

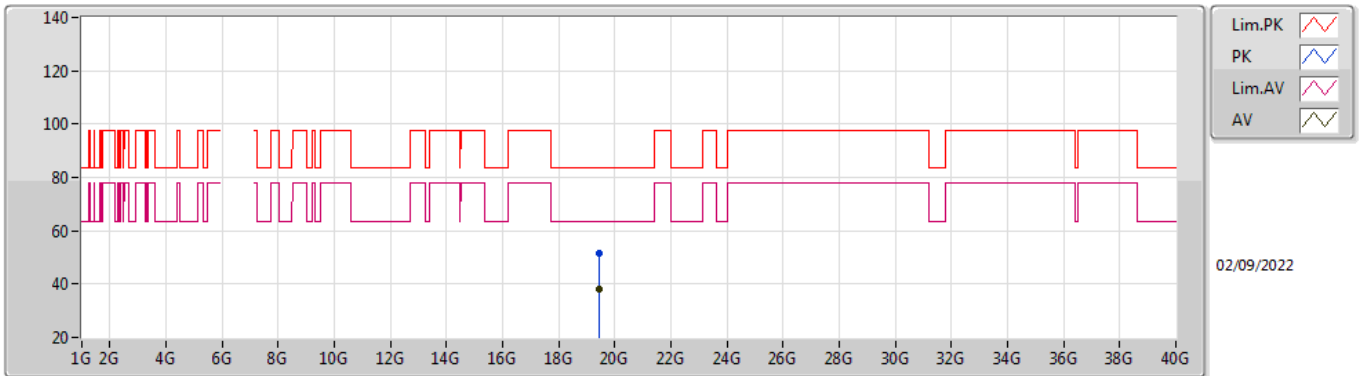


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.4442G	50.83	83.54	-32.71	48.52	1	Vertical	8	1.54	-	38.00	14.91	50.60
AV	19.4566G	38.12	63.54	-25.42	35.81	1	Vertical	8	1.54	-	38.00	14.91	50.60

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

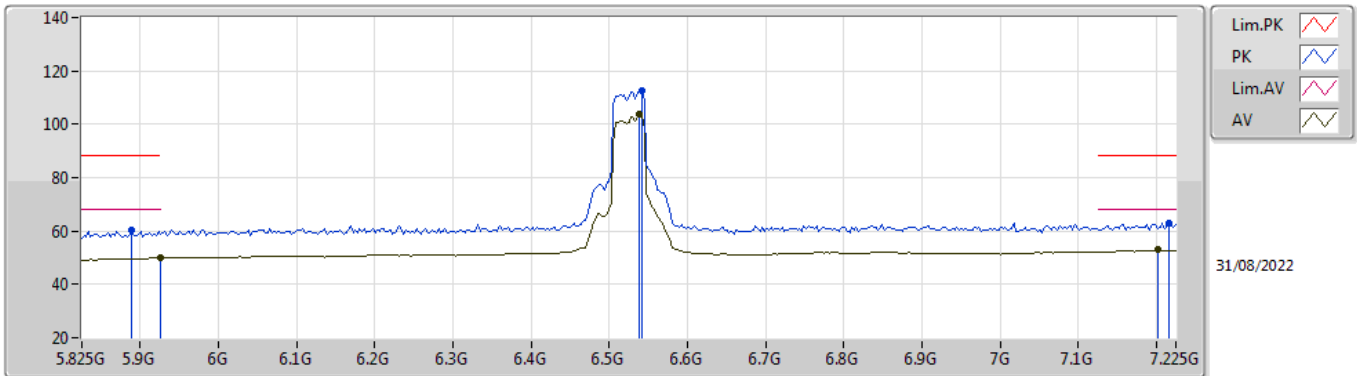
#### 6485MHz\_TnomVnom



EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.456G	51.65	83.54	-31.89	49.34	1	Horizontal	263	1.58	-	38.00	14.91	50.60
AV	19.43G	38.06	63.54	-25.48	35.76	1	Horizontal	263	1.58	-	38.00	14.90	50.60

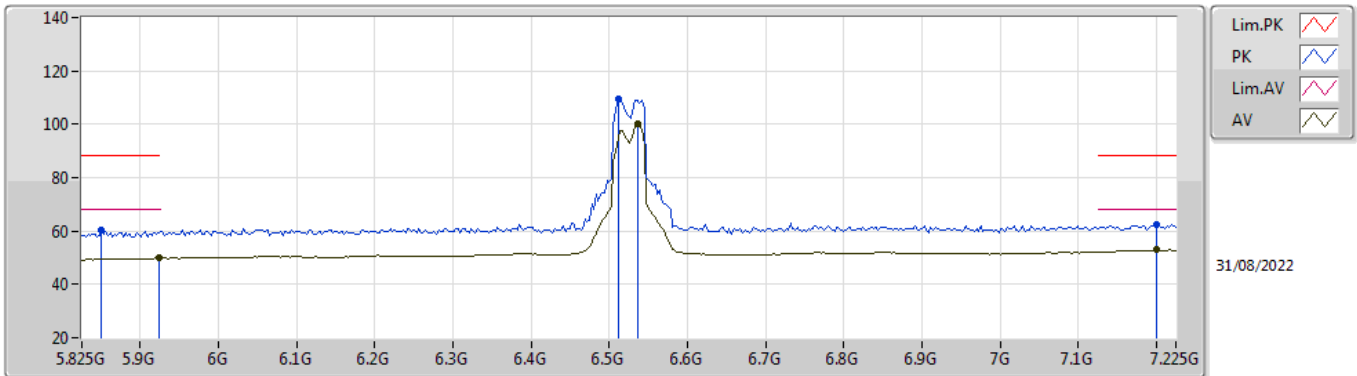
**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6525MHz Straddle 6.425-6.525GHz\_TnomVnom**



EUT\_X\_2TX  
 Setting 80  
 01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.8894G	60.34	88.20	-27.86	51.66	3	Vertical	0	1.51	-	34.88	6.60	32.80
RMS	5.925G	49.95	68.20	-18.25	41.16	3	Vertical	0	1.51	-	35.00	6.60	32.81
PK	6.5418G	112.83	Inf	-Inf	102.93	3	Vertical	0	1.51	-	35.77	7.00	32.87
RMS	6.539G	104.04	Inf	-Inf	94.15	3	Vertical	0	1.51	-	35.76	7.00	32.87
PK	7.2166G	63.17	88.20	-25.03	51.98	3	Vertical	0	1.51	-	37.10	7.22	33.13
RMS	7.2026G	52.89	68.20	-15.31	41.72	3	Vertical	0	1.51	-	37.10	7.20	33.13

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6525MHz Straddle 6.425-6.525GHz\_TnomVnom**

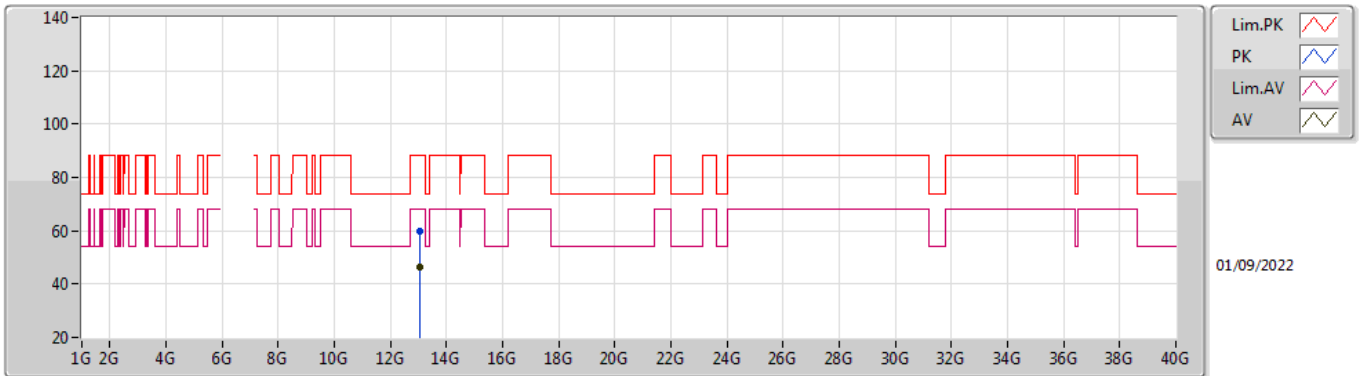


EUT\_X\_2TX  
 Setting 80  
 01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.85G	60.12	88.20	-28.08	51.50	3	Horizontal	9	1.90	-	34.80	6.60	32.78
RMS	5.923G	49.77	68.20	-18.43	40.99	3	Horizontal	9	1.90	-	34.99	6.60	32.81
PK	6.511G	109.51	Inf	-Inf	99.73	3	Horizontal	9	1.90	-	35.64	7.00	32.86
RMS	6.5362G	100.07	Inf	-Inf	90.20	3	Horizontal	9	1.90	-	35.74	7.00	32.87
PK	7.1998G	62.65	88.20	-25.55	51.47	3	Horizontal	9	1.90	-	37.10	7.20	33.12
RMS	7.1998G	52.90	68.20	-15.30	41.72	3	Horizontal	9	1.90	-	37.10	7.20	33.12

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6525MHz Straddle 6.425-6.525GHz\_TnomVnom

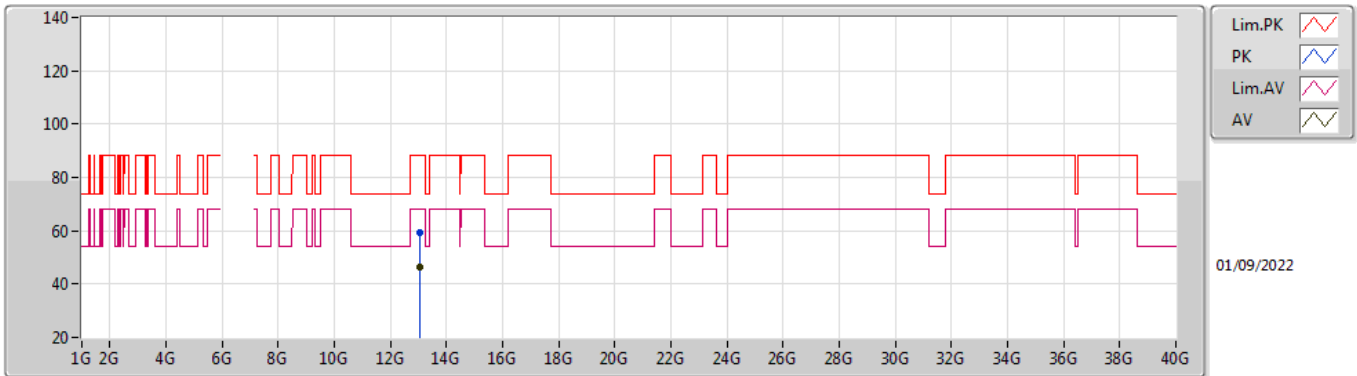


01/09/2022

EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.0492G	59.62	88.20	-28.58	40.95	3	Vertical	88	2.59	-	39.65	9.47	30.45
RMS	13.033G	46.33	68.20	-21.87	27.71	3	Vertical	88	2.59	-	39.63	9.46	30.47

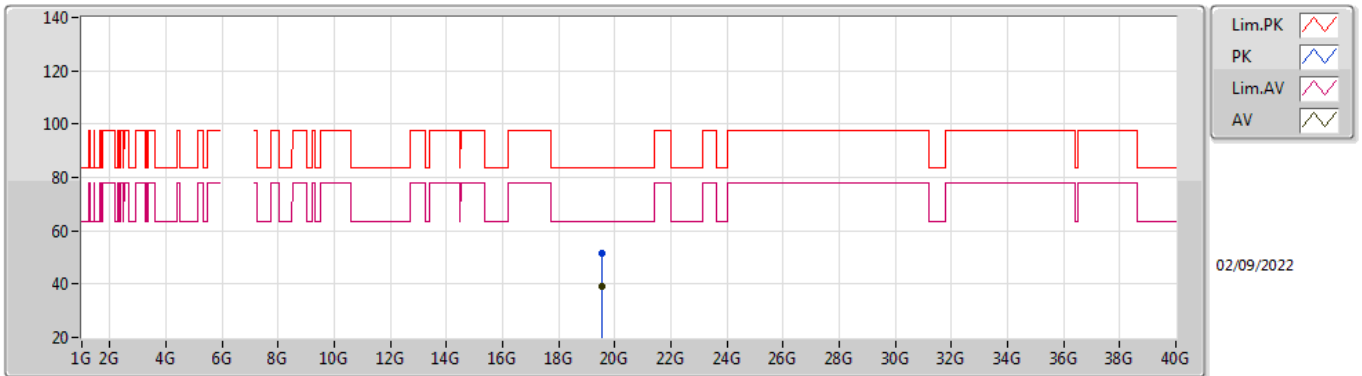
**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6525MHz Straddle 6.425-6.525GHz\_TnomVnom**



EUT\_X\_2TX  
 Setting 80  
 01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.0505G	59.36	88.20	-28.84	40.69	3	Horizontal	194	1.54	-	39.65	9.47	30.45
RMS	13.054G	46.31	68.20	-21.89	27.63	3	Horizontal	194	1.54	-	39.65	9.47	30.44

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6525MHz Straddle 6.425-6.525GHz\_TnomVnom**

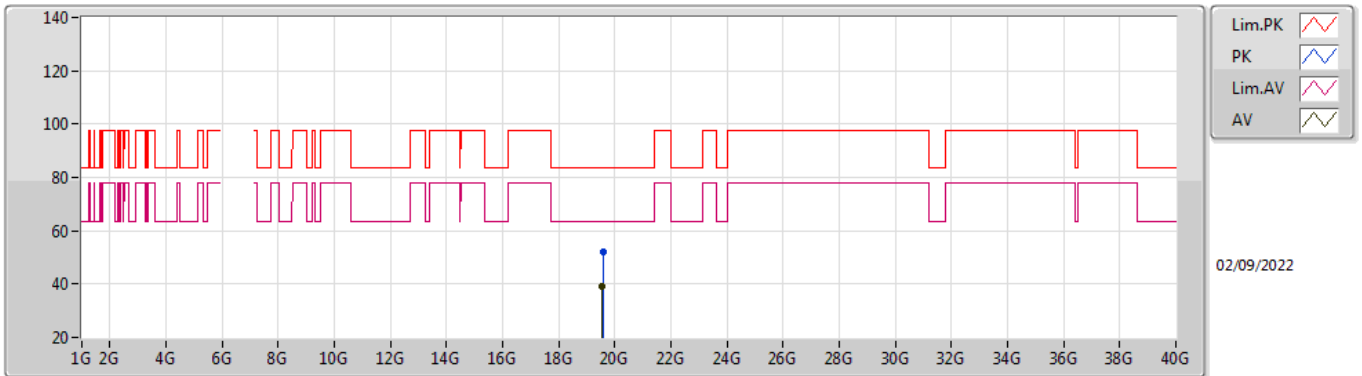


EUT X\_2TX  
 Setting 80  
 01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.5534G	51.64	83.54	-31.90	49.29	1	Vertical	115	1.56	-	37.98	14.94	50.57
AV	19.5593G	38.89	63.54	-24.65	36.52	1	Vertical	115	1.56	-	37.98	14.95	50.56



**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6525MHz Straddle 6.425-6.525GHz\_TnomVnom**

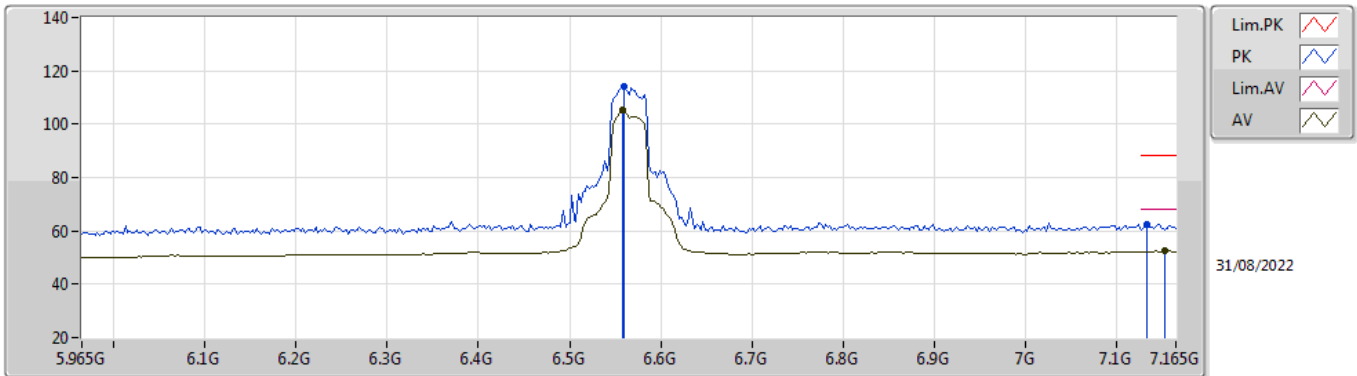


EUT\_X\_2TX  
 Setting 80  
 01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.594G	52.03	83.54	-31.51	49.65	1	Horizontal	72	1.52	-	37.96	14.96	50.54
AV	19.5559G	38.88	63.54	-24.66	36.53	1	Horizontal	72	1.52	-	37.98	14.94	50.57

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6565MHz\_TnomVnom

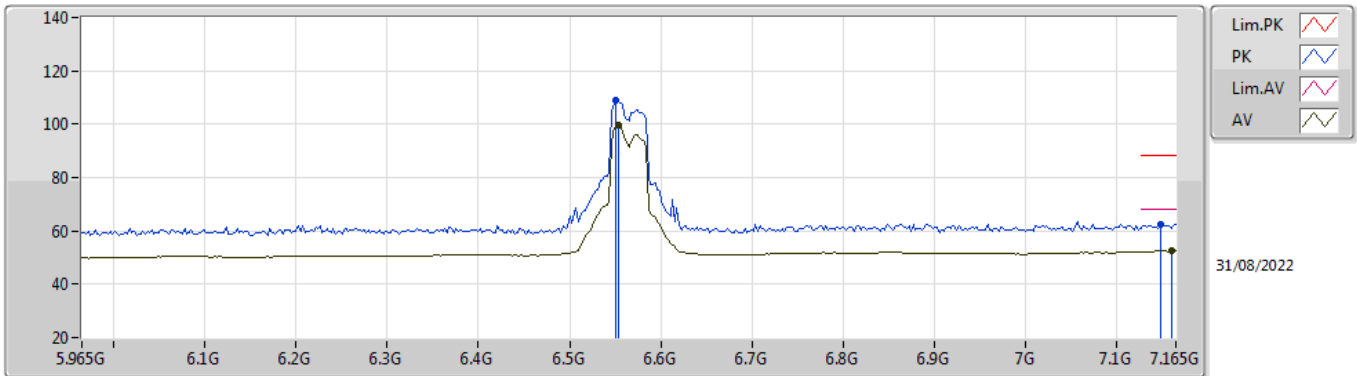


EUT X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.5602G	113.98	Inf	-Inf	104.04	3	Vertical	16	2.04	-	35.82	7.00	32.88
RMS	6.5578G	105.10	Inf	-Inf	95.16	3	Vertical	16	2.04	-	35.82	7.00	32.88
PK	7.1338G	62.32	88.20	-25.88	51.41	3	Vertical	16	2.04	-	36.77	7.23	33.09
RMS	7.153G	52.43	68.20	-15.77	41.40	3	Vertical	16	2.04	-	36.91	7.22	33.10

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6565MHz\_TnomVnom

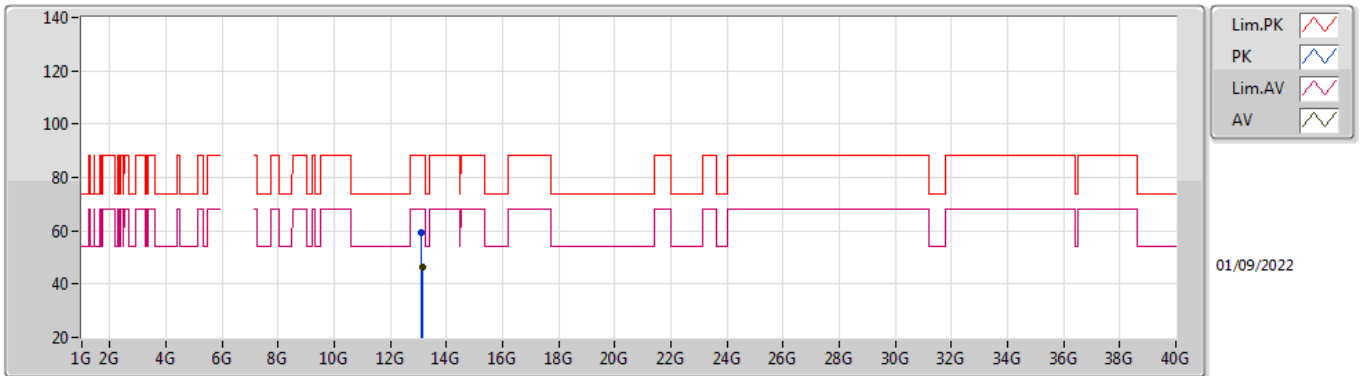


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.5506G	108.96	Inf	-Inf	99.04	3	Horizontal	190	1.95	-	35.80	7.00	32.88
RMS	6.553G	99.91	Inf	-Inf	89.98	3	Horizontal	190	1.95	-	35.81	7.00	32.88
PK	7.1482G	62.57	88.20	-25.63	51.55	3	Horizontal	190	1.95	-	36.89	7.23	33.10
RMS	7.1602G	52.40	68.20	-15.80	41.34	3	Horizontal	190	1.95	-	36.94	7.22	33.10

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6565MHz\_TnomVnom

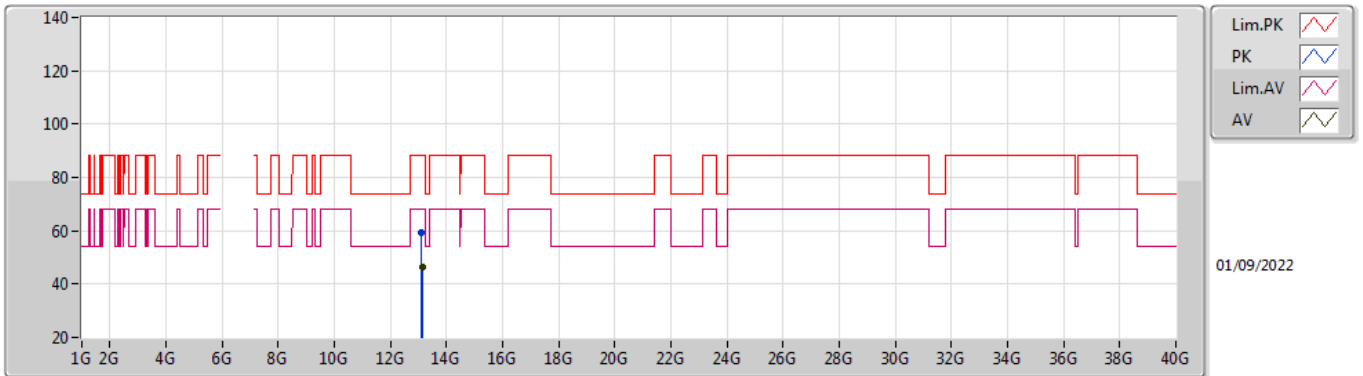


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.1142G	59.06	88.20	-29.14	40.18	3	Vertical	5	1.29	-	39.73	9.50	30.35
RMS	13.1547G	46.34	68.20	-21.86	27.30	3	Vertical	5	1.29	-	39.81	9.52	30.29

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6565MHz\_TnomVnom

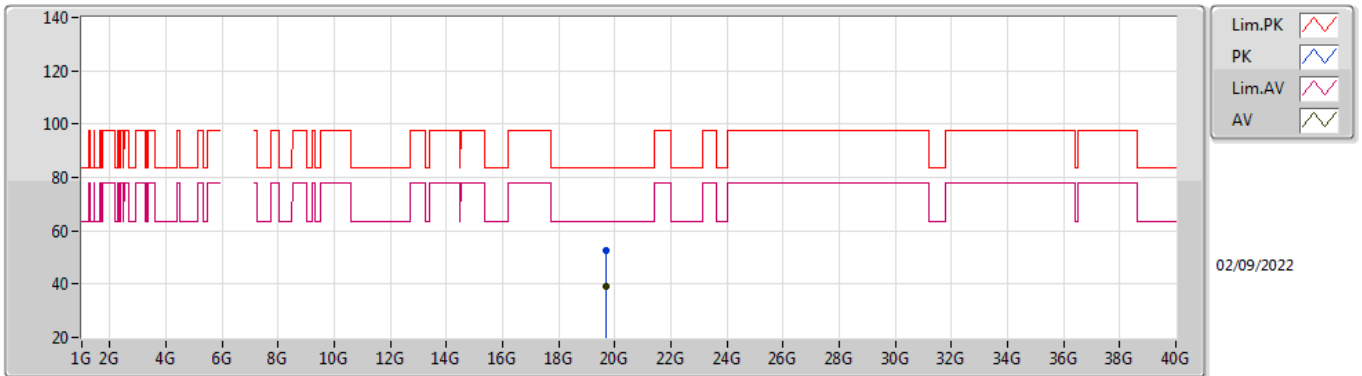


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.113G	59.19	88.20	-29.01	40.31	3	Horizontal	296	1.17	-	39.73	9.50	30.35
RMS	13.1411G	46.49	68.20	-21.71	27.51	3	Horizontal	296	1.17	-	39.78	9.51	30.31

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6565MHz\_TnomVnom

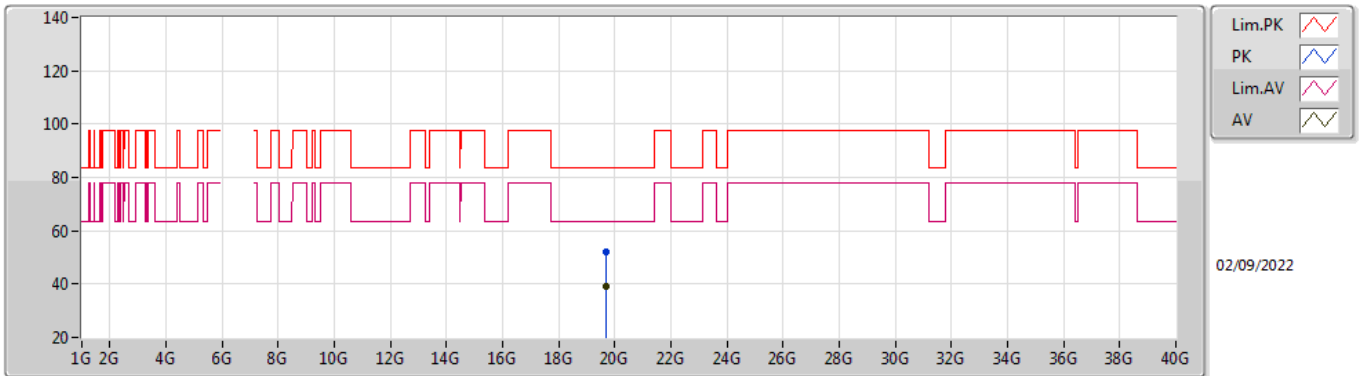


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.6751G	52.60	83.54	-30.94	50.17	1	Vertical	111	1.55	-	37.93	14.99	50.49
AV	19.6832G	39.19	63.54	-24.35	36.76	1	Vertical	111	1.55	-	37.93	14.99	50.49

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6565MHz\_TnomVnom

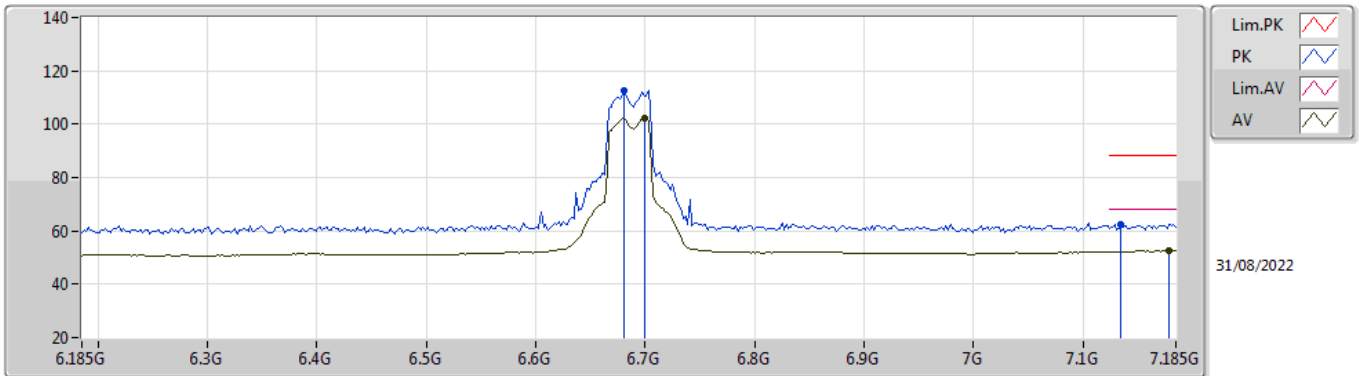


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	19.6788G	52.30	83.54	-31.24	49.87	1	Horizontal	200	1.54	-	37.93	14.99	50.49
AV	19.673G	39.11	63.54	-24.43	36.69	1	Horizontal	200	1.54	-	37.93	14.99	50.50

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6685MHz\_TnomVnom



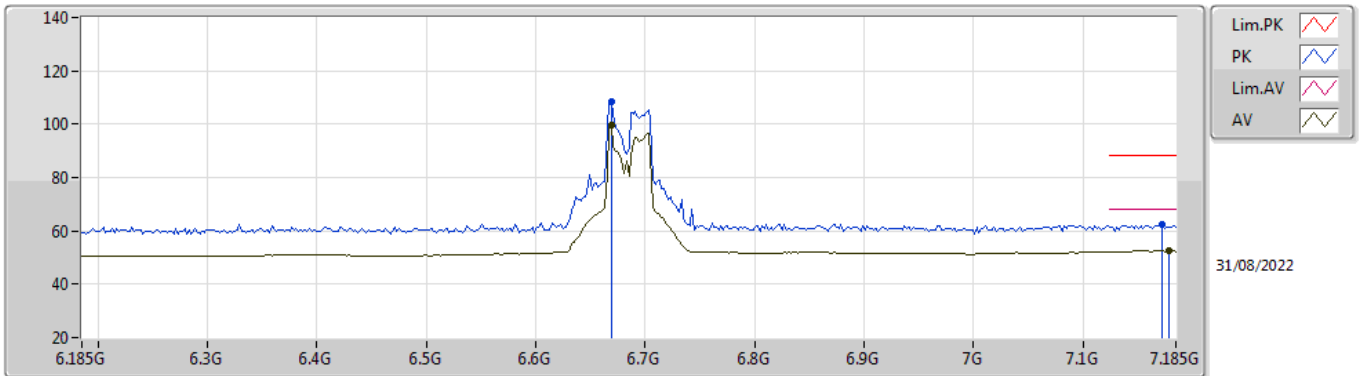
EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.681G	112.37	Inf	-Inf	102.35	3	Vertical	0	1.80	-	35.94	7.00	32.92
RMS	6.699G	102.50	Inf	-Inf	92.52	3	Vertical	0	1.80	-	35.90	7.00	32.92
PK	7.135G	62.56	88.20	-25.64	51.64	3	Vertical	0	1.80	-	36.78	7.23	33.09
RMS	7.179G	52.56	68.20	-15.64	41.44	3	Vertical	0	1.80	-	37.02	7.21	33.11



802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6685MHz\_TnomVnom

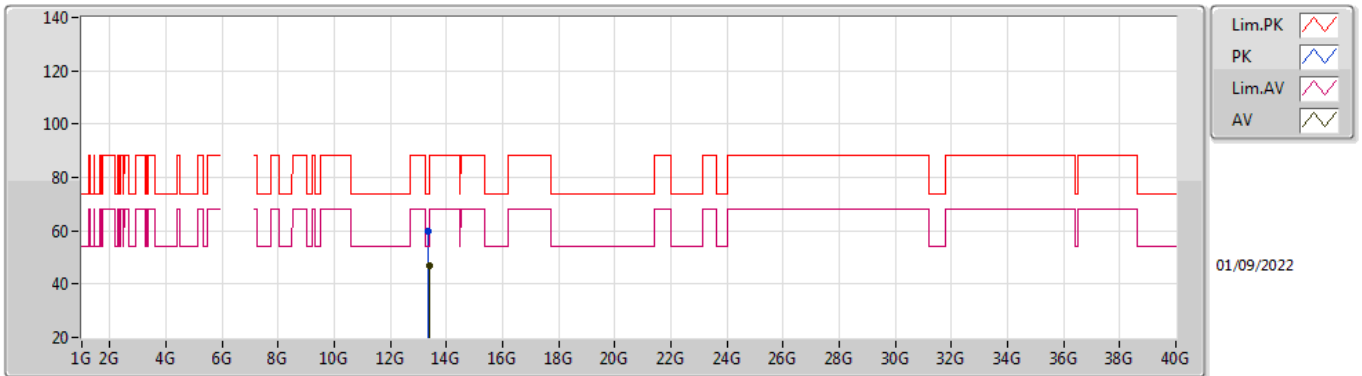


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.669G	108.20	Inf	-Inf	98.15	3	Horizontal	187	1.80	-	35.96	7.00	32.91
RMS	6.669G	99.69	Inf	-Inf	89.64	3	Horizontal	187	1.80	-	35.96	7.00	32.91
PK	7.173G	62.27	88.20	-25.93	51.18	3	Horizontal	187	1.80	-	36.99	7.21	33.11
RMS	7.179G	52.55	68.20	-15.65	41.43	3	Horizontal	187	1.80	-	37.02	7.21	33.11

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6685MHz\_TnomVnom

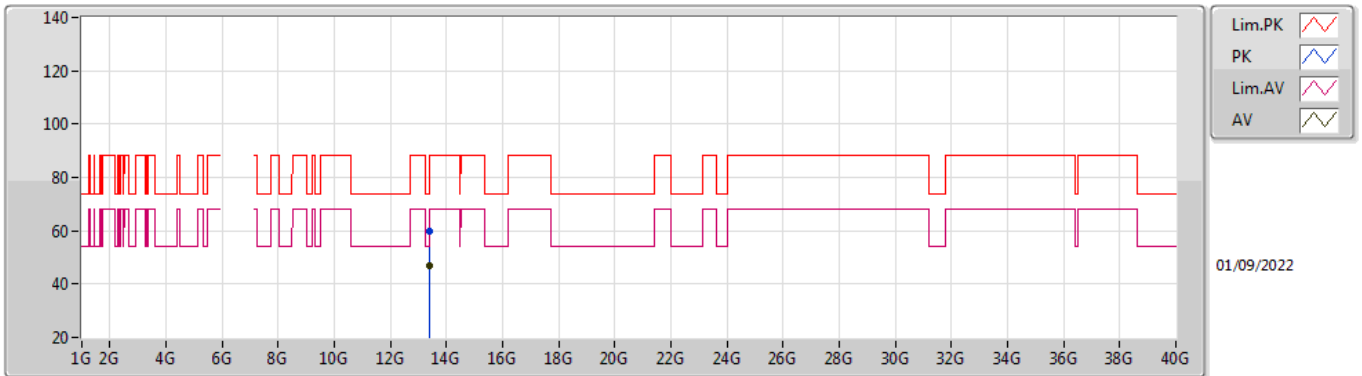


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.3568G	59.78	74.00	-14.22	40.05	3	Vertical	74	2.17	-	40.11	9.61	29.99
AV	13.3889G	46.66	54.00	-7.34	26.79	3	Vertical	74	2.17	-	40.18	9.63	29.94

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6685MHz\_TnomVnom

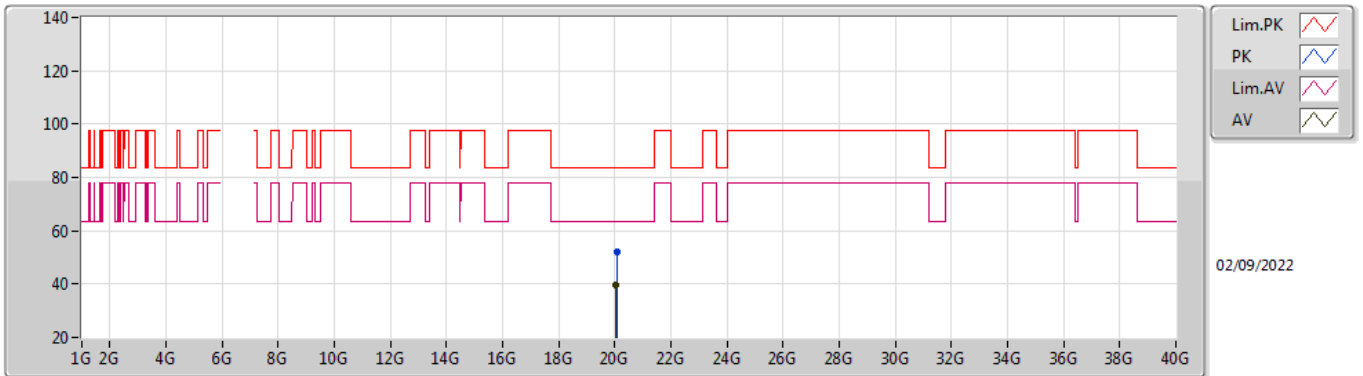


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.3856G	59.84	74.00	-14.16	40.00	3	Horizontal	251	2.25	-	40.17	9.62	29.95
AV	13.3915G	46.66	54.00	-7.34	26.79	3	Horizontal	251	2.25	-	40.18	9.63	29.94

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6685MHz\_TnomVnom

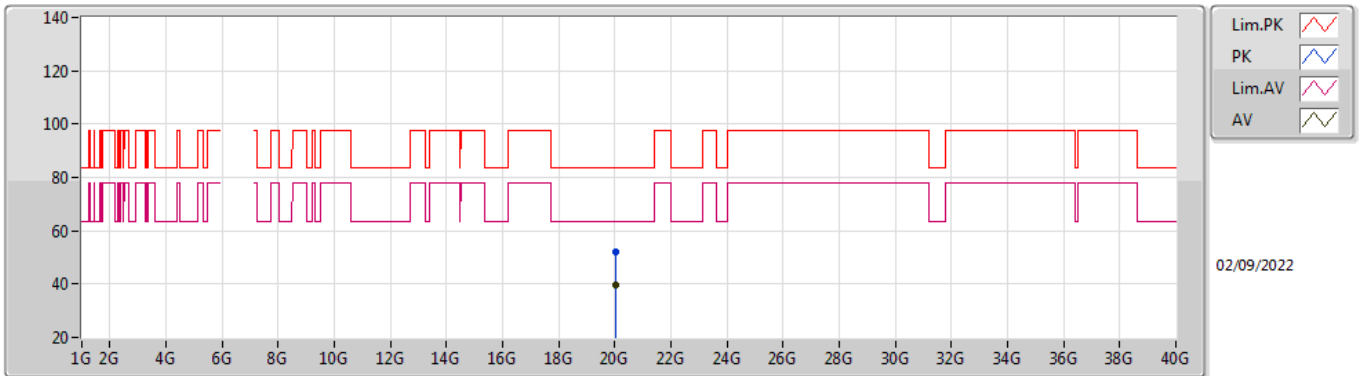


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.0583G	52.21	83.54	-31.33	49.21	1	Vertical	81	1.55	-	38.18	15.11	50.29
AV	20.03G	39.44	63.54	-24.10	36.38	1	Vertical	81	1.55	-	38.24	15.11	50.29

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6685MHz\_TnomVnom

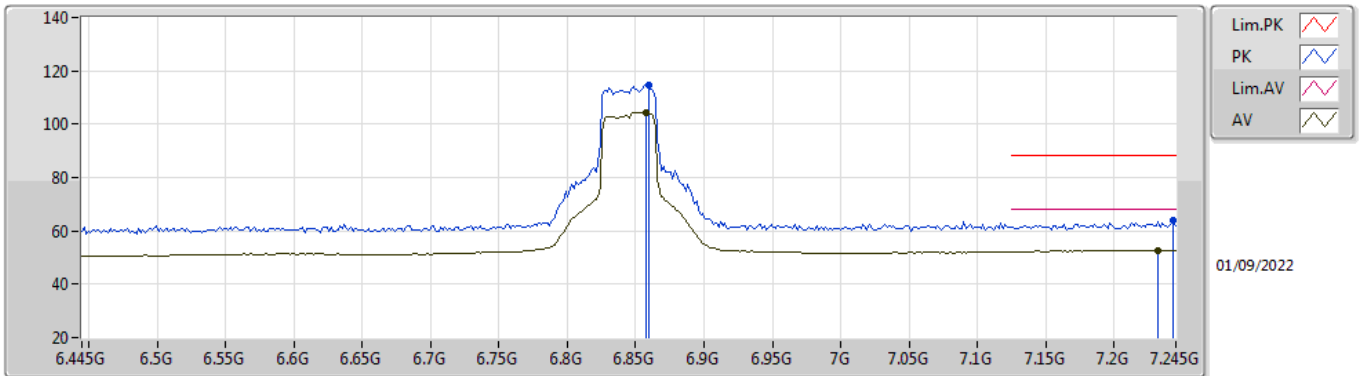


EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.0394G	51.93	83.54	-31.61	48.89	1	Horizontal	311	1.52	-	38.22	15.11	50.29
AV	20.0303G	39.49	63.54	-24.05	36.43	1	Horizontal	311	1.52	-	38.24	15.11	50.29

802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

6845MHz\_TnomVnom

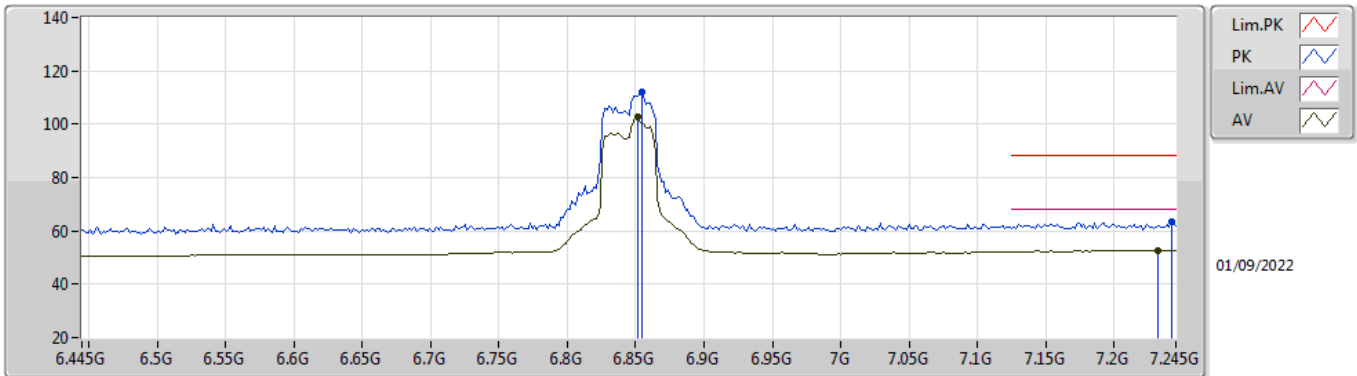


EUT X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8594G	114.88	Inf	-Inf	104.25	3	Vertical	12	2.74	-	36.52	7.09	32.98
RMS	6.8578G	104.44	Inf	-Inf	93.78	3	Vertical	12	2.74	-	36.54	7.09	32.97
PK	7.2434G	63.74	88.20	-24.46	52.55	3	Vertical	12	2.74	-	37.10	7.24	33.15
RMS	7.2322G	52.73	68.20	-15.47	41.54	3	Vertical	12	2.74	-	37.10	7.23	33.14

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6845MHz\_TnomVnom

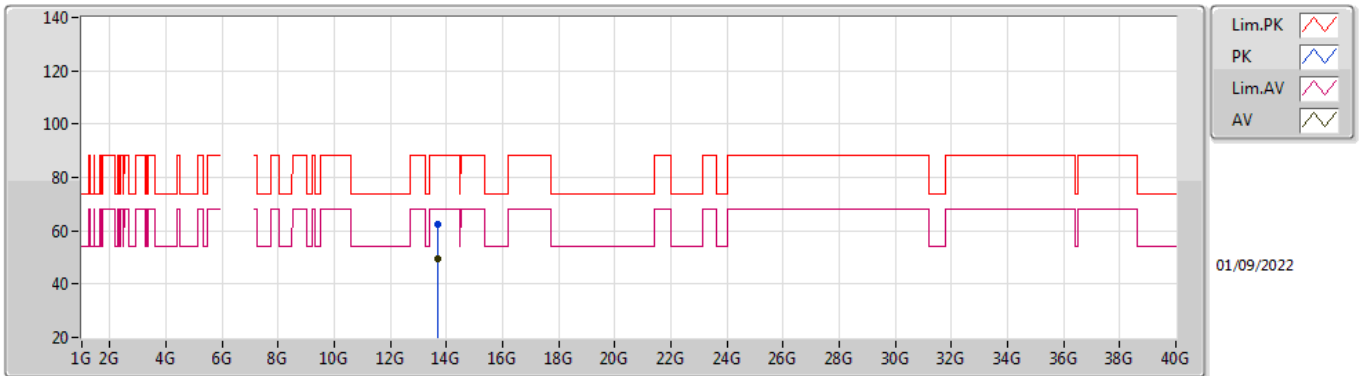


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8546G	112.01	Inf	-Inf	101.34	3	Horizontal	12	1.80	-	36.56	7.08	32.97
RMS	6.8514G	102.86	Inf	-Inf	92.16	3	Horizontal	12	1.80	-	36.59	7.08	32.97
PK	7.2418G	63.19	88.20	-25.01	52.00	3	Horizontal	12	1.80	-	37.10	7.24	33.15
RMS	7.2322G	52.68	68.20	-15.52	41.49	3	Horizontal	12	1.80	-	37.10	7.23	33.14

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6845MHz\_TnomVnom



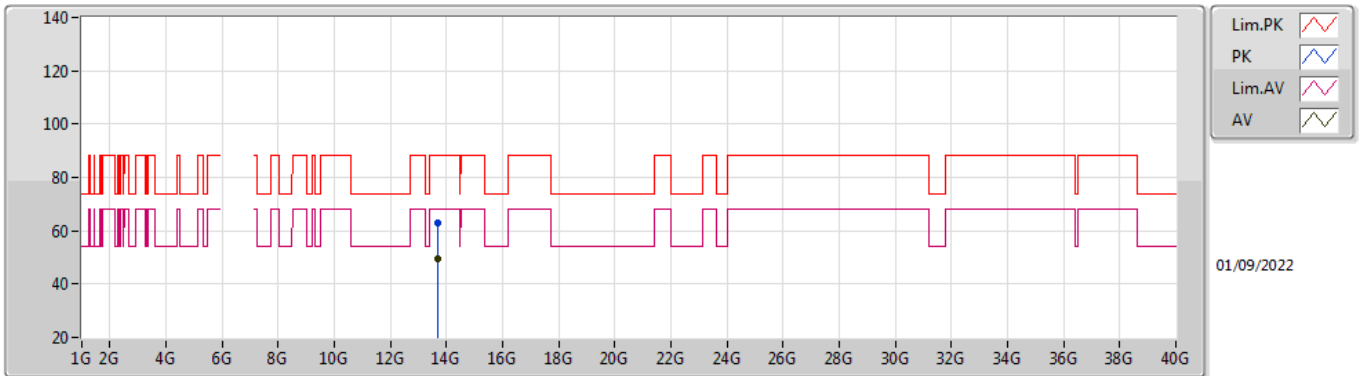
EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.6671G	62.31	88.20	-25.89	41.81	3	Vertical	33	1.08	-	40.43	9.75	29.68
RMS	13.6983G	49.38	68.20	-18.82	28.78	3	Vertical	33	1.08	-	40.50	9.76	29.66



### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6845MHz\_TnomVnom

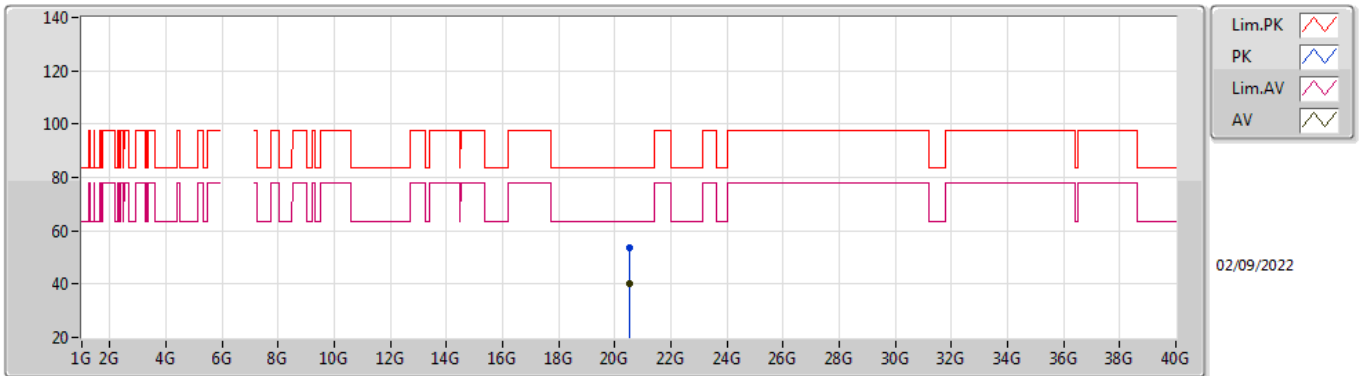


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.6852G	62.77	88.20	-25.43	42.21	3	Horizontal	141	2.85	-	40.47	9.76	29.67
RMS	13.6832G	49.41	68.20	-18.79	28.85	3	Horizontal	141	2.85	-	40.47	9.76	29.67

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6845MHz\_TnomVnom

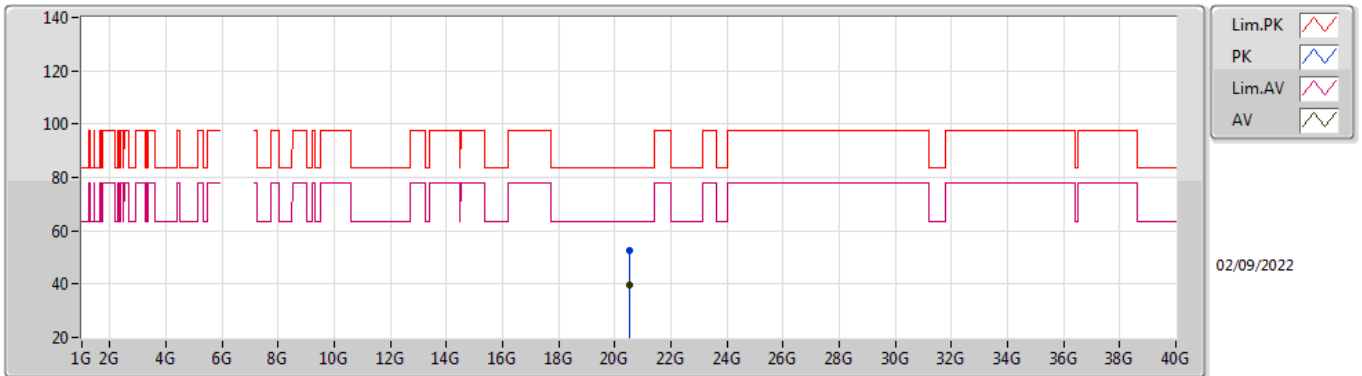


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.5376G	53.59	83.54	-29.95	50.26	1	Vertical	79	1.55	-	38.28	15.23	50.18
AV	20.5184G	39.95	63.54	-23.59	36.67	1	Vertical	79	1.55	-	38.24	15.23	50.19

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

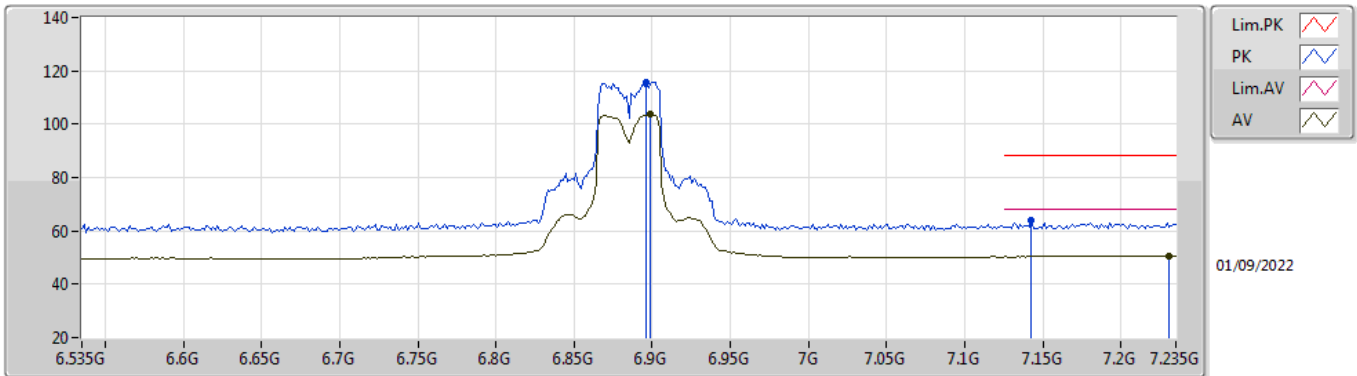
#### 6845MHz\_TnomVnom



EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.5146G	52.72	83.54	-30.82	49.45	1	Horizontal	12	1.56	-	38.23	15.23	50.19
AV	20.5406G	39.91	63.54	-23.63	36.57	1	Horizontal	12	1.56	-	38.28	15.24	50.18

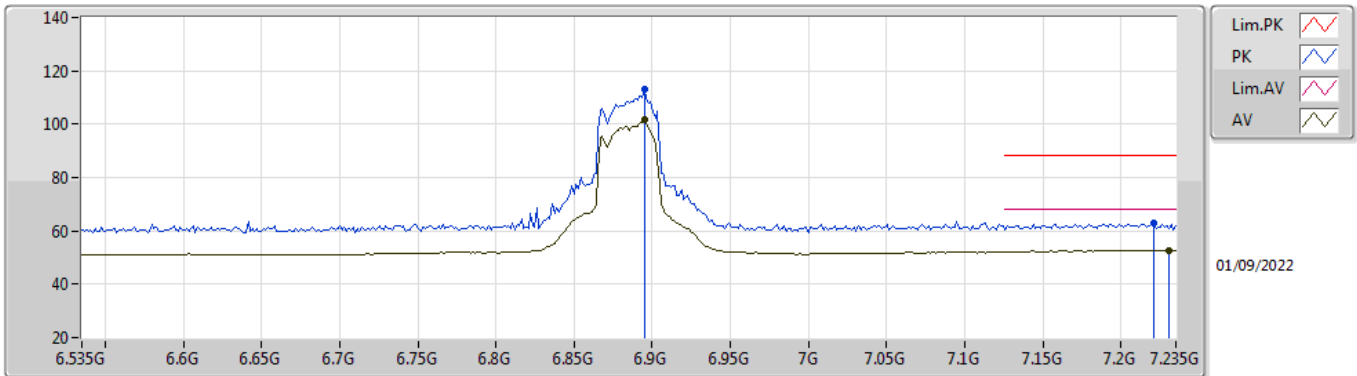
**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6885MHz Straddle 6.525-6.875GHz\_TnomVnom**



EUT\_X\_2TX  
 Setting 80  
 01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8962G	115.66	Inf	-Inf	105.28	3	Vertical	23	2.22	-	36.23	7.14	32.99
RMS	6.899G	103.64	Inf	-Inf	93.27	3	Vertical	23	2.22	-	36.21	7.15	32.99
PK	7.1426G	63.95	88.20	-24.25	52.97	3	Vertical	23	2.22	-	36.84	7.23	33.09
RMS	7.2308G	50.76	68.20	-17.44	39.57	3	Vertical	23	2.22	-	37.10	7.23	33.14

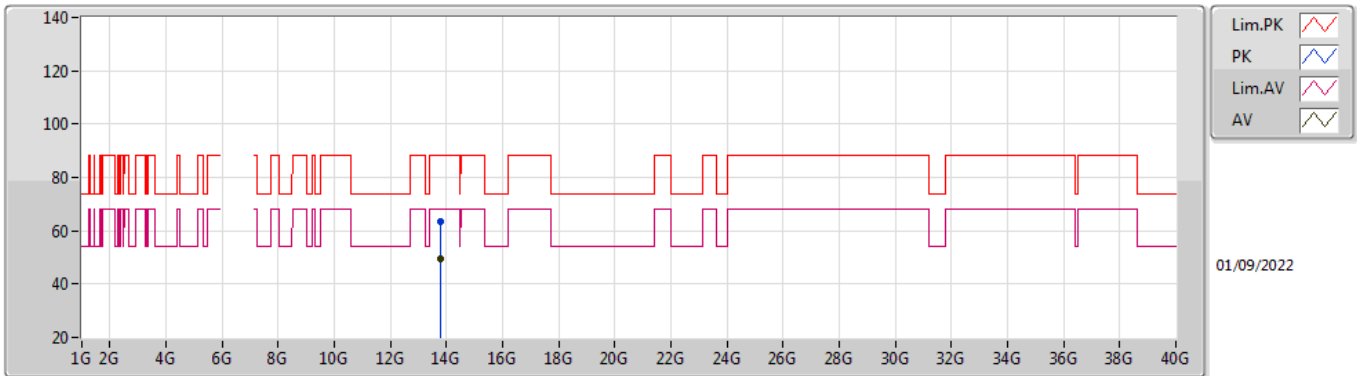
**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6885MHz Straddle 6.525-6.875GHz\_TnomVnom**



EUT\_X\_2TX  
 Setting 80  
 01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.8948G	113.02	Inf	-Inf	102.63	3	Horizontal	350	2.16	-	36.24	7.14	32.99
RMS	6.8948G	101.48	Inf	-Inf	91.09	3	Horizontal	350	2.16	-	36.24	7.14	32.99
PK	7.221G	62.77	88.20	-25.43	51.58	3	Horizontal	350	2.16	-	37.10	7.22	33.13
RMS	7.2308G	52.82	68.20	-15.38	41.63	3	Horizontal	350	2.16	-	37.10	7.23	33.14

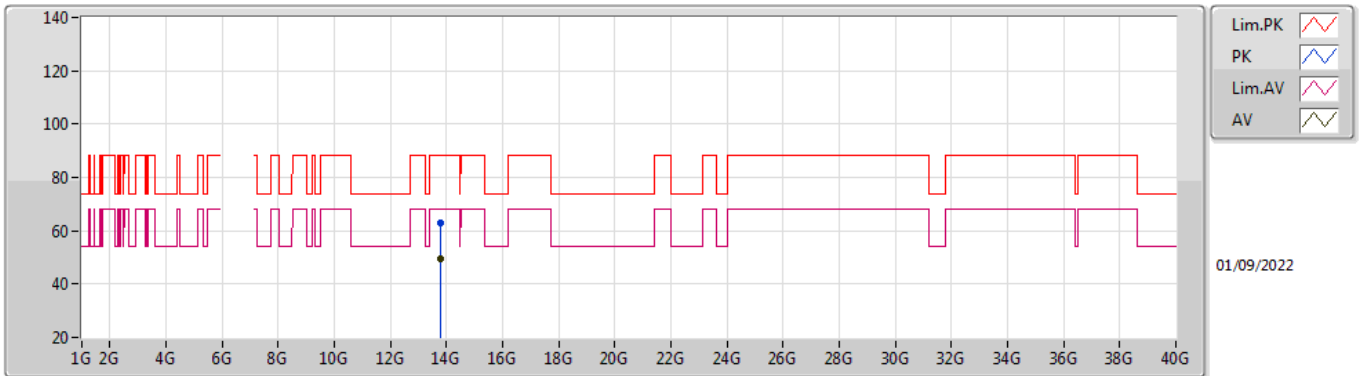
**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6885MHz Straddle 6.525-6.875GHz\_TnomVnom**







EUT\_X\_2TX  
 Setting 80  
 01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.7624G	63.28	88.20	-24.92	42.43	3	Vertical	222	1.26	-	40.69	9.79	29.63
RMS	13.7728G	49.52	68.20	-18.68	28.62	3	Vertical	222	1.26	-	40.72	9.80	29.62

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**  
**6885MHz Straddle 6.525-6.875GHz\_TnomVnom**



Lim.PK   
 PK   
 Lim.AV   
 AV 

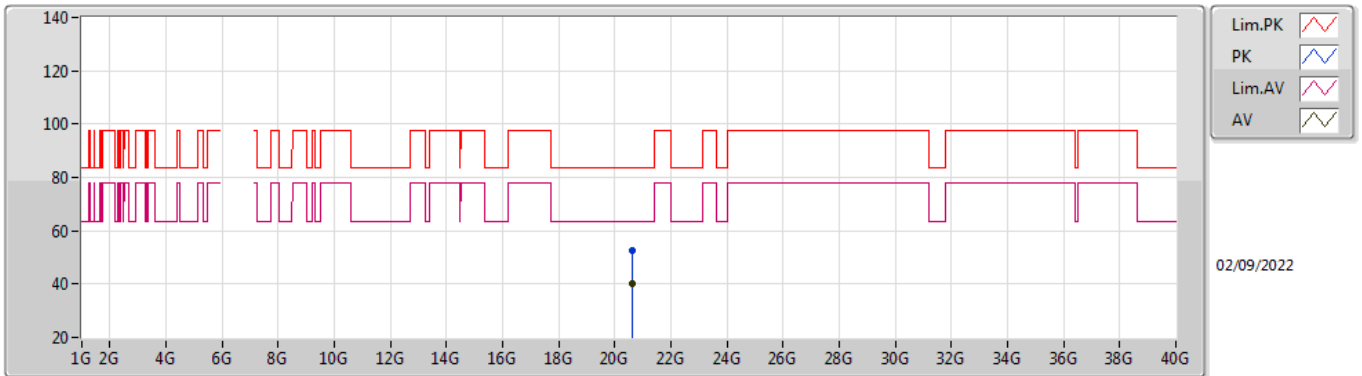
01/09/2022





EUT X\_2TX  
 Setting 80  
 01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.7666G	62.70	88.20	-25.50	41.84	3	Horizontal	90	1.01	-	40.70	9.79	29.63
RMS	13.7826G	49.55	68.20	-18.65	28.62	3	Horizontal	90	1.01	-	40.75	9.80	29.62

**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**6885MHz Straddle 6.525-6.875GHz\_TnomVnom**



Lim.PK   
 PK   
 Lim.AV   
 AV 

02/09/2022

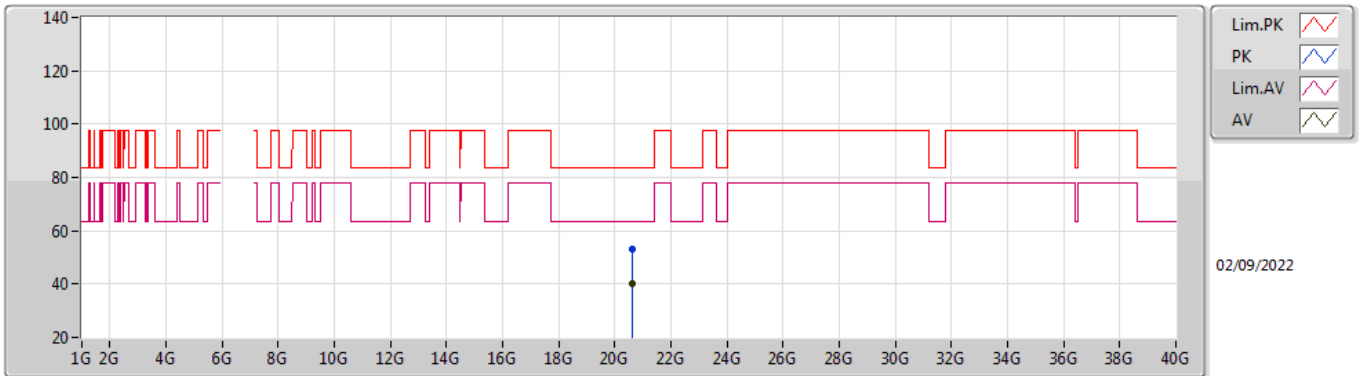
EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.6351G	52.70	83.54	-30.84	49.09	1	Vertical	38	1.58	-	38.47	15.26	50.12
AV	20.6302G	40.30	63.54	-23.24	36.70	1	Vertical	38	1.58	-	38.46	15.26	50.12



**802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX**

**6885MHz Straddle 6.525-6.875GHz\_TnomVnom**



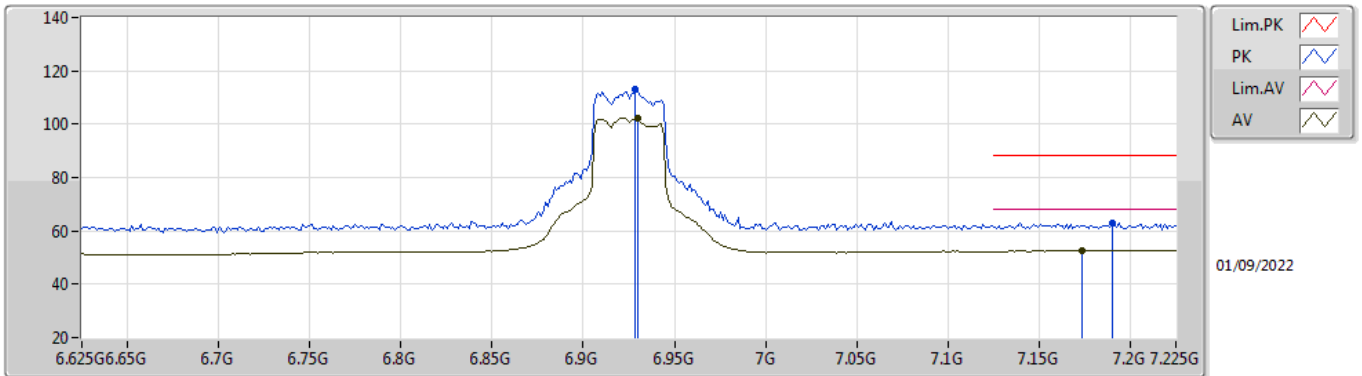
02/09/2022

EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	20.6447G	53.08	83.54	-30.46	49.44	1	Horizontal	321	1.52	-	38.49	15.26	50.11
AV	20.6303G	40.33	63.54	-23.21	36.73	1	Horizontal	321	1.52	-	38.46	15.26	50.12

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

### 6925MHz\_TnomVnom

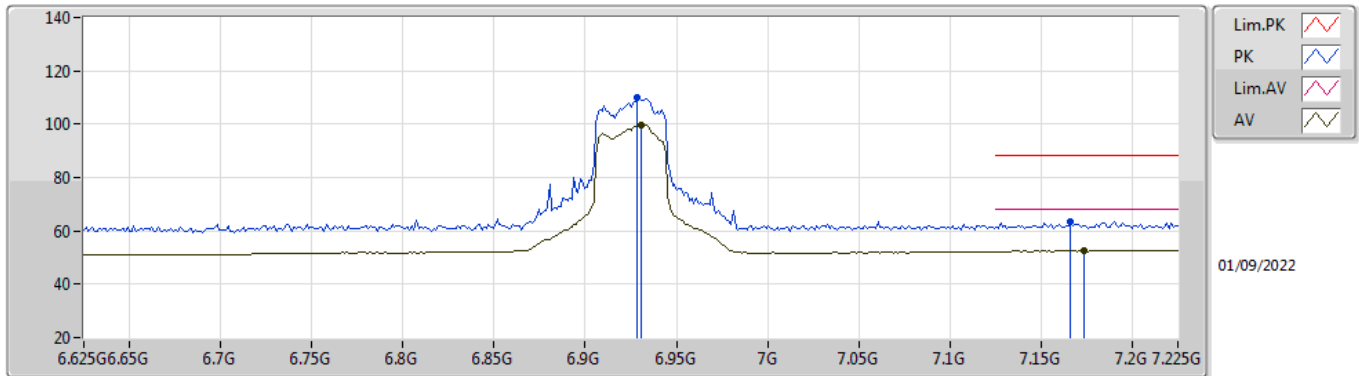


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.9286G	113.27	Inf	-Inf	102.71	3	Vertical	158	1.80	-	36.37	7.19	33.00
RMS	6.9298G	102.34	Inf	-Inf	91.77	3	Vertical	158	1.80	-	36.38	7.19	33.00
PK	7.1902G	62.90	88.20	-25.30	51.76	3	Vertical	158	1.80	-	37.06	7.20	33.12
RMS	7.1734G	52.75	68.20	-15.45	41.66	3	Vertical	158	1.80	-	36.99	7.21	33.11

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6925MHz\_TnomVnom

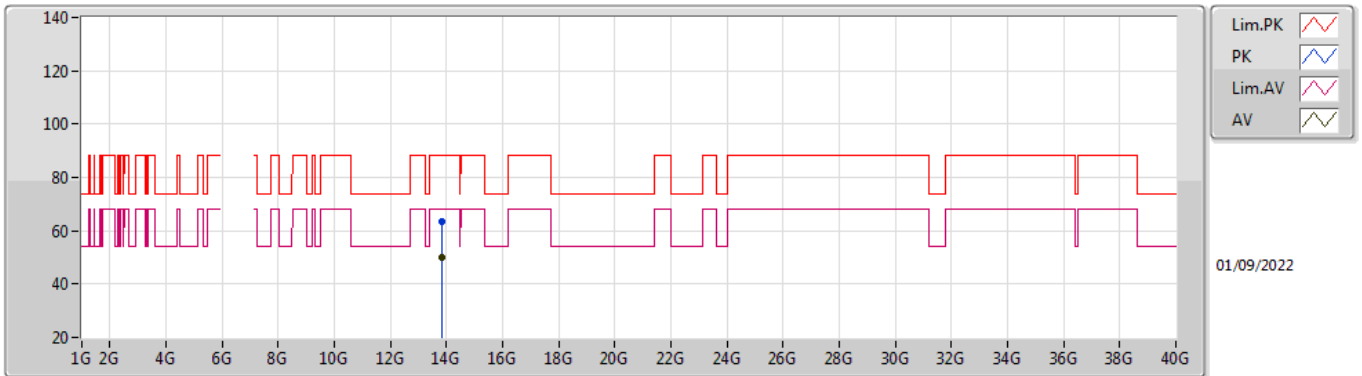


EUT\_X\_2TX  
Setting 80  
01-L-R-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	6.9286G	110.07	Inf	-Inf	99.51	3	Horizontal	351	1.91	-	36.37	7.19	33.00
RMS	6.931G	99.90	Inf	-Inf	89.31	3	Horizontal	351	1.91	-	36.39	7.20	33.00
PK	7.1662G	63.20	88.20	-25.00	52.13	3	Horizontal	351	1.91	-	36.96	7.22	33.11
RMS	7.1734G	52.69	68.20	-15.51	41.60	3	Horizontal	351	1.91	-	36.99	7.21	33.11

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6925MHz\_TnomVnom

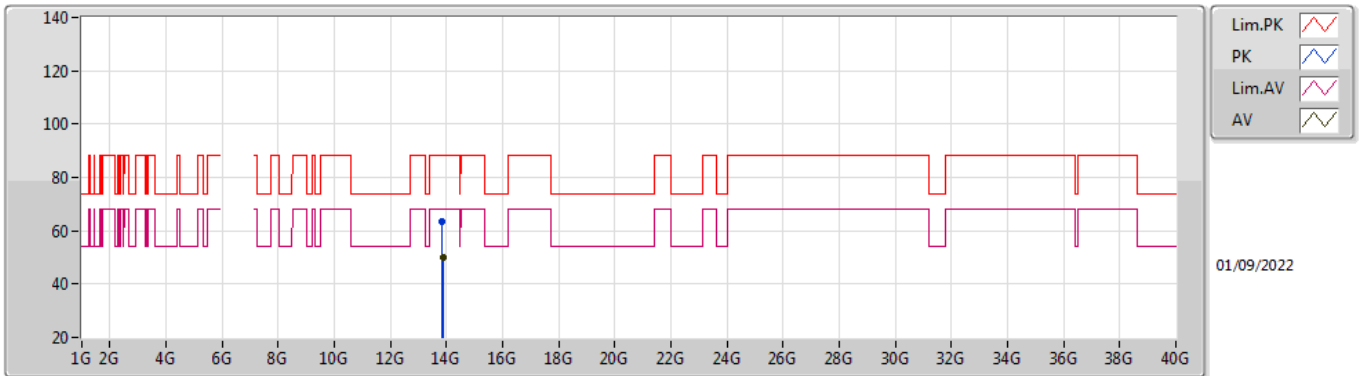


EUT\_X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.8512G	63.25	88.20	-24.95	42.15	3	Vertical	74	1.18	-	40.85	9.83	29.58
RMS	13.8577G	49.89	68.20	-18.31	28.76	3	Vertical	74	1.18	-	40.86	9.84	29.57

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_2TX

#### 6925MHz\_TnomVnom



EUT X\_2TX  
Setting 80  
01-L-R-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	13.8287G	63.29	88.20	-24.91	42.23	3	Horizontal	151	1.45	-	40.83	9.82	29.59
RMS	13.8738G	49.97	68.20	-18.23	28.82	3	Horizontal	151	1.45	-	40.87	9.84	29.56