



RADIO TEST REPORT

FCC ID : Z3WAIR4980
Equipment : Wi-Fi 6E Smart Mesh System
Brand Name : Airties
Model Name : Air 4980
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 Jan. 11, 2022, and testing was started from Jan. 14, 2022 and completed on May 14, 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

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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver1.1



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	-
-	15.407(g)	Frequency Stability	N/A	-

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: Viola Huang**

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)	5955-7095	1-229 [58]
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	4
UNII 5-8	ax (HEW20)-BF	20	4
UNII 5-8	ax (HEW40)	40	4
UNII 5-8	ax (HEW40)-BF	40	4
UNII 5-8	ax (HEW80)	80	4
UNII 5-8	ax (HEW80)-BF	80	4
UNII 5-8	ax (HEW160)	160	4
UNII 5-8	ax (HEW160)-BF	160	4

Note:

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


1.1.2 Antenna Information

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

Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz				WLAN 6E			
		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
1	3.36	1.62	2.35	1.37	1.01	-	-	-	-
2	4.06	1.92	1.59	0.54	2.18	-	-	-	-
3	-	-	-	-	-	2.40	1.29	1.05	3.33
4	-	-	-	-	-	3.01	2.18	1.57	2.00
5	-	-	-	-	-	3.06	2.14	1.20	2.68
6	-	-	-	-	-	1.30	1.61	2.56	2.70

Ant.	Directional Gain (dBi)									
	WLAN 2.4GHz		WLAN 5GHz							
			UNII 1		UNII 2A		UNII 2C		UNII 3	
	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S	2T1S	2T2S
1	4.66	1.65	3.10	0.11	3.34	0.33	2.66	-0.35	3.60	0.59
2										

Ant.	Directional Gain (dBi)											
	WLAN 6E											
	UNII 5			UNII 6			UNII 7			UNII 8		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
3	5.10	3.06	0.15	3.92	2.18	-1.09	3.57	2.56	-1.30	5.90	3.33	-0.03
4												
5												
6												

Note 2: The EUT has six antennas.

Note 3: The brand/model/antenna type information was declared by manufacturer.



Note 4: Maximum Directional Gain following KDB662911 D03.

The antenna report is provided in the operational description for this application.

For 2.4GHz:

For IEEE 802.11b/g/n/VHT/ax mode (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 UNII 1~3:

For IEEE 802.11a/n/ac/ax mode (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 UNII 5~8:

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

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

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF	0.907	0.42	2.923m	1k
802.11ax HEW40-BF	0.967	0.15	782.5u	3k
802.11ax HEW80-BF	0.943	0.25	417.5u	3k
802.11ax HEW160-BF	0.956	0.2	5.143m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz UNII 1~UNII 3 and ax in 6GHz UNII 5~UNII 8.			
Device Type	☒	Indoor Access Point	☒	Subordinate
	☐	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client		
Test Software Version	accessMtool (3.2.1.3)			
HW version	PCB-4980-D01-M01-R05			
SW version	4.127.8.0			
Software / Firmware Version for CBP	4.127.8.0_wltest			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports function

Function	Supports type	Support Band
AP Router	Master	2.4GHz / 5GHz / 6E
Mesh	Master	6E

Note: The AP router was selected to test.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	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	TH01-CB	Owen Hsu	19.8~20.9 / 60~65	Feb. 07, 2022~May 14, 2022
Radiated below 1GHz	03CH05-CB	Eason Chen	21.5~22.6 / 55~59	Jan. 14, 2022
Radiated above 1GHz	03CH03-CB	Stim Sung	23.5~24.6 / 55~59	Jan. 22, 2022~May 11, 2022
AC Conduction	CO01-CB	Peter Wu	20~21 / 50~51	Jan. 21, 2022
RF Conducted <Contention-Based Protocol test>	DF02-CB	Jay Lo	24.5~25.4 / 59~65	Mar. 17, 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)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5955MHz	42
6175MHz	41
6415MHz	37
6435MHz	43
6475MHz	44
6515MHz	44
6535MHz	40
6695MHz	43
6855MHz	39
6875MHz Straddle 6.525-6.875GHz	41
6895MHz	41
6995MHz	35
7095MHz	38
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5965MHz	56
6165MHz	53
6405MHz	48
6445MHz	50
6485MHz	56
6525MHz Straddle 6.425-6.525GHz	56
6565MHz	54
6685MHz	54
6845MHz	51
6885MHz Straddle 6.525-6.875GHz	48
6925MHz	49
7005MHz	51
7085MHz	52
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5985MHz	62
6145MHz	63
6385MHz	57
6465MHz	63
6545MHz Straddle 6.425-6.525GHz	65
6625MHz	61



Mode	Power Setting
6705MHz	62
6785MHz	61
6865MHz Straddle 6.525-6.875GHz	57
6945MHz	54
7025MHz	64
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
6025MHz	78
6185MHz	76
6345MHz	74
6505MHz Straddle 6.425-6.525GHz	74
6665MHz	73
6825MHz Straddle 6.525-6.875GHz	66
6985MHz	68

Note:

- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been selected to test.

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Contention Based Protocol
Test Condition	Conducted measurement at transmit chains

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT in X axis (AP Router) + Adapter
2	EUT in Y axis (AP Router) + Adapter
3	EUT in Z axis (AP Router) + Adapter
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. So the measurement will follow this same test configuration.
1	EUT in Z axis



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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA211129 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DoS.
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 Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
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	LAN PC	DELL	T3400	N/A
B	2.5G WAN PC	DELL	T3400	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	6G NB	DELL	E6430	N/A

For Radiated (below 1GHz):

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

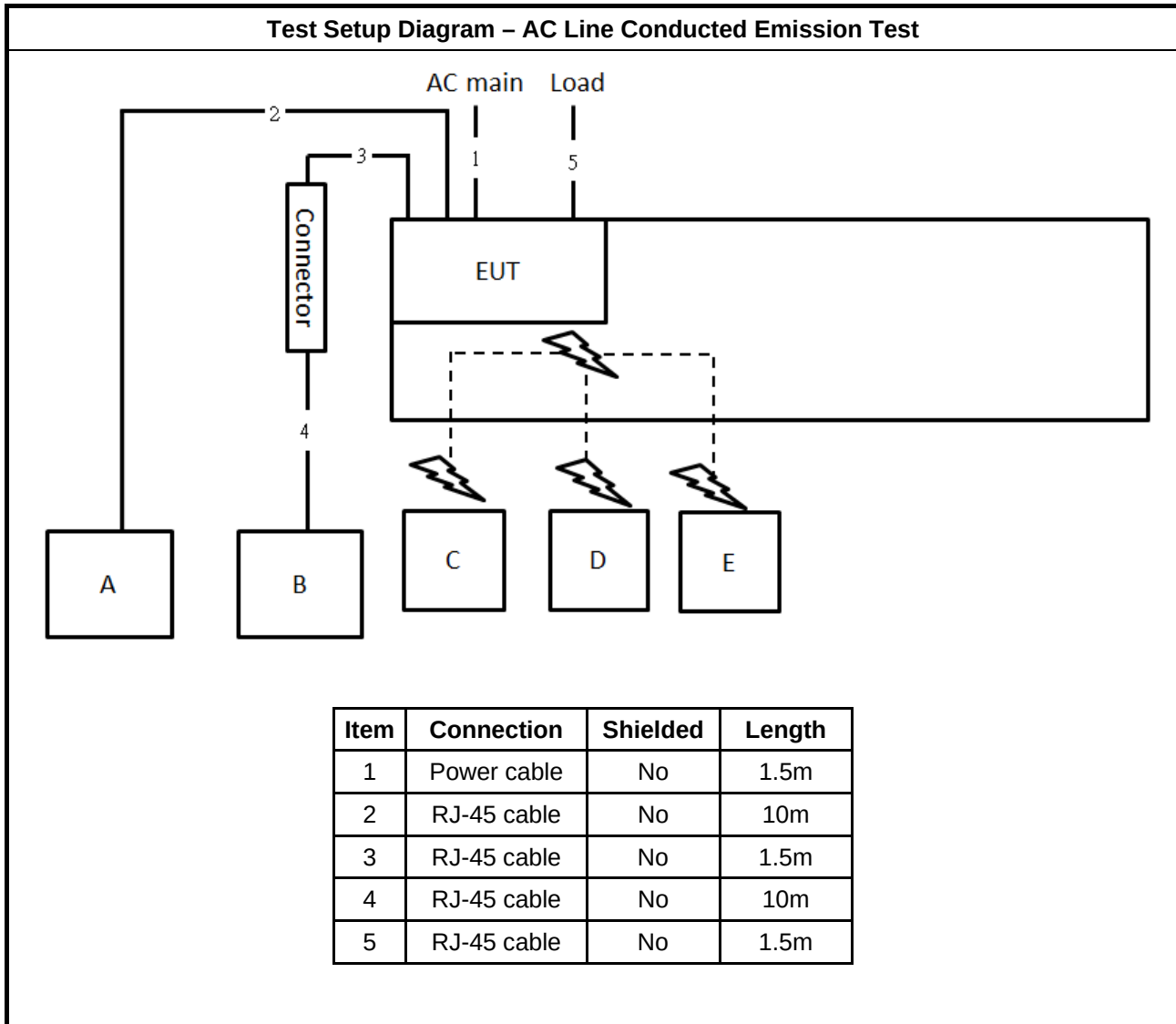
For Radiated (above 1GHz) and RF Conducted:

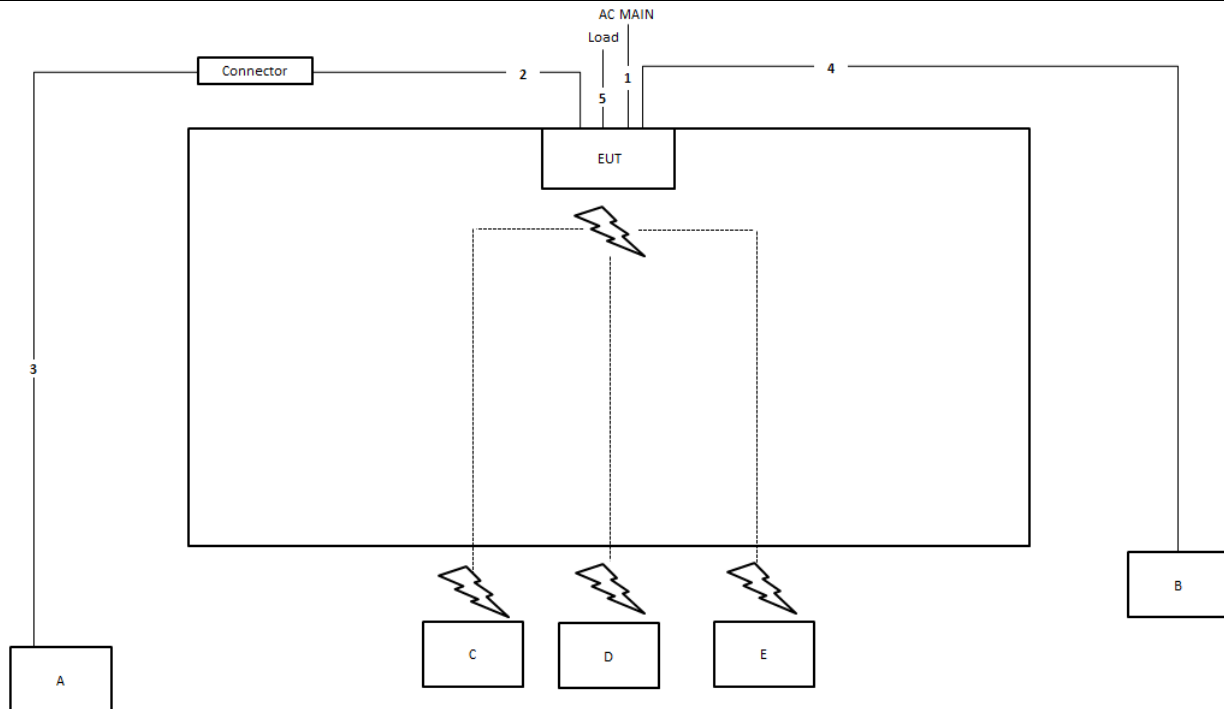
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN module	Intel	AX210NGW	PD9AX210NG

For RF Conducted (Contention Based Protocol test):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	RX Device	AirTies	Air 4980	N/A

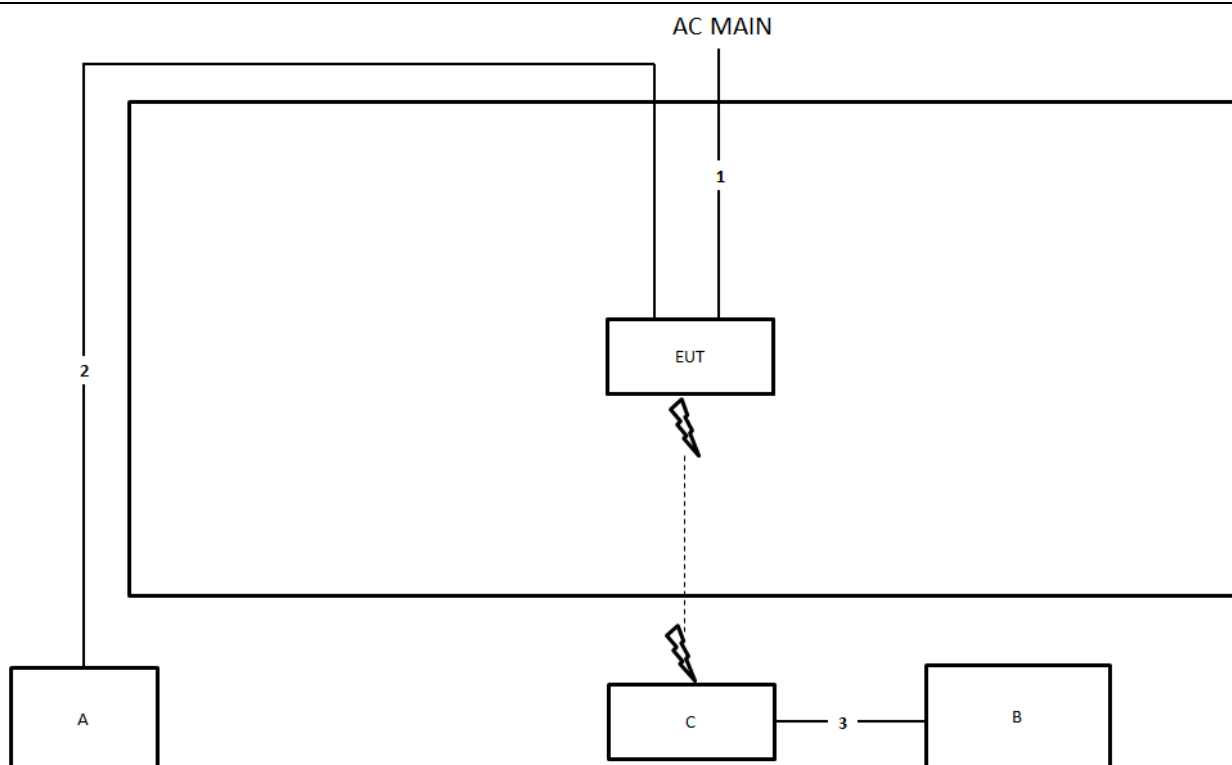
2.6 Test Setup Diagram



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	10m
5	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

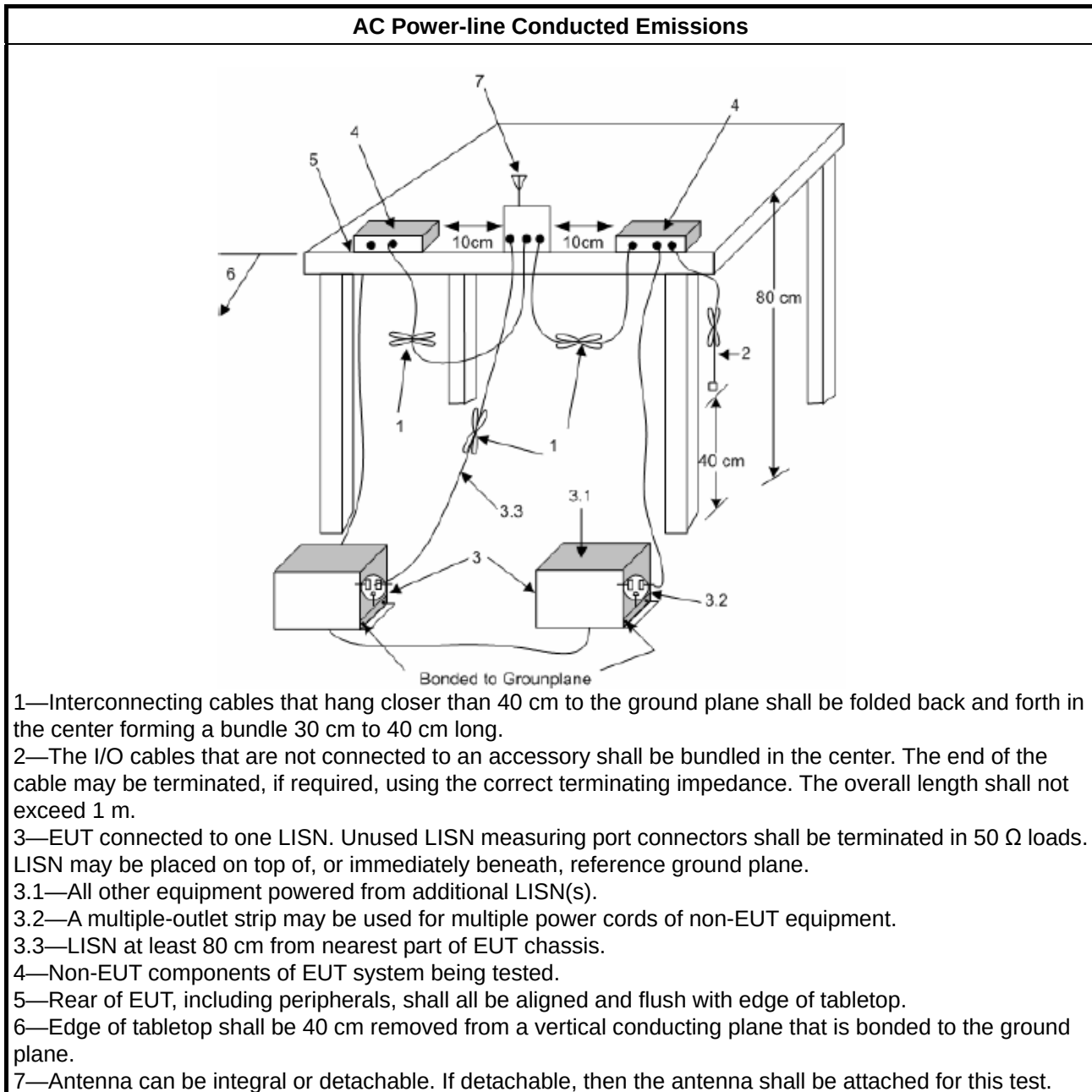
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

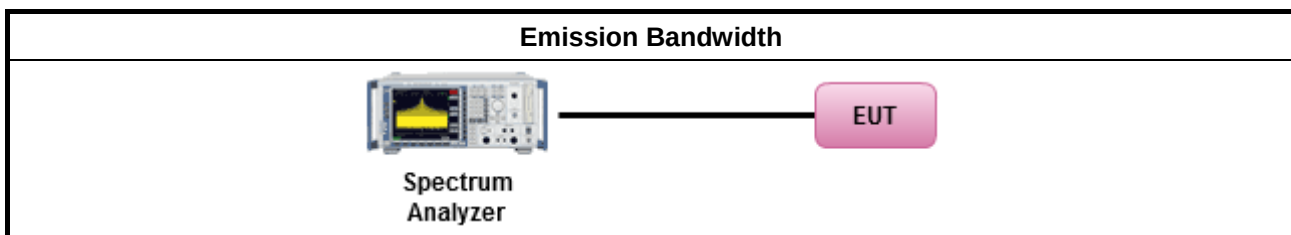
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



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

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

Maximum Equivalent Isotropically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒ For the 5.925 ~ 6.425 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒ For the 6.425 ~ 6.525 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒ For the 6.525 ~ 6.875 GHz band:	
	■ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒ For the 6.875 ~ 7.125 GHz band:	
	■ For indoor access point : e.i.r.p < 30 dBm.
	■ For client device control of an indoor access point : e.i.r.p < 24 dBm.
RLAN Devices	
☐ For the 5.925 ~ 7.125 GHz band:	
	■ For RLAN devices(Indoor) other than client devices < 30 dBm / occupied bandwidth.
	■ For client devices(Indoor) < 24 dBm / occupied bandwidth.



3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
According to FCC KDB 987594 D02 clause II.E, the test measurement procedure shall refer to KDB 789033.	
Average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging). Spectrum analyzer setting: RBW/VBW : 1/3MHz ; Detector : RMS ; Trace mode : Average ; Sweep Count 100.
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☐	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☐ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	
☒ For radiated measurement.	
Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

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:

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

where;

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

LP : Free Space Loss(dB)

PR Formula :

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

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 TxBF 4T1S 5955MHz EIRP measurement

PR Formula :

$$PR(dBm) = -35.98 - 10.59 + 5.32 = -41.25$$

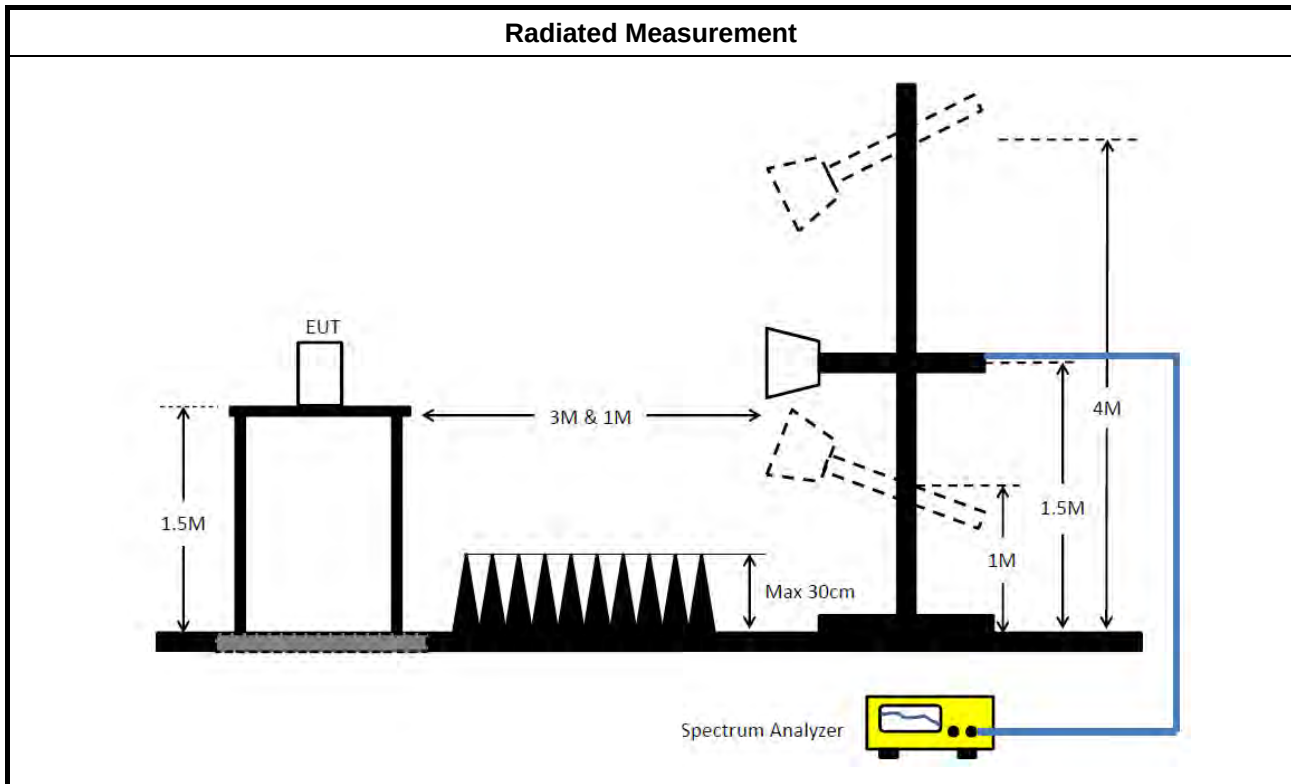
LP(FSL factor) Formula :

$$LP(dB) = 20 \log(5955) + 20 \log(3) - 27.5 = 57.54$$

EIRP Formula :

$$EIRP(dBm) = -41.25 + 57.54 = 16.29$$

3.3.4 Test Setup



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

Refer as Appendix C

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

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

Peak Power Spectral Density (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.425 ~ 6.525 GHz band:
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.525 ~ 6.875 GHz band:
☐	For standard power access point and fixed client device : e.i.r.p PSD < 23 dBm/MHz.
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For subordinate device control of an indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of a standard power access point : e.i.r.p PSD < 17 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
☒	For the 6.875 ~ 7.125 GHz band:
☐	For indoor access point : e.i.r.p PSD < 5 dBm/MHz.
☐	For client device control of an indoor access point : e.i.r.p PSD < -1 dBm/MHz.
RLAN Devices	
☐	For the 5.925 ~ 7.125 GHz band:
☐	For RLAN devices(Indoor) other than client devices < 5 dBm / MHz.
☐	For client devices(Indoor) < -1 dBm / MHz.

3.4.2 Measuring Instruments

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

**3.4.3 Test Procedures**

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

**Test Method**

- Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

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 :

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

where;

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

LP : Free Space Loss(dB)

PR Formula :

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

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 :

$LP(dB) = 20\ logF + 20\ logD - 27.54$

where;

F(MHz) : EUT center frequency

D(m) : Measurement distance

For Example:

Test mode HE20 TxBF 4T1S 5955MHz EIRP PSD measurement

PR Formula :

$PR(dBm/MHz) = -47.45 - 10.59 + 5.32 = -52.73$

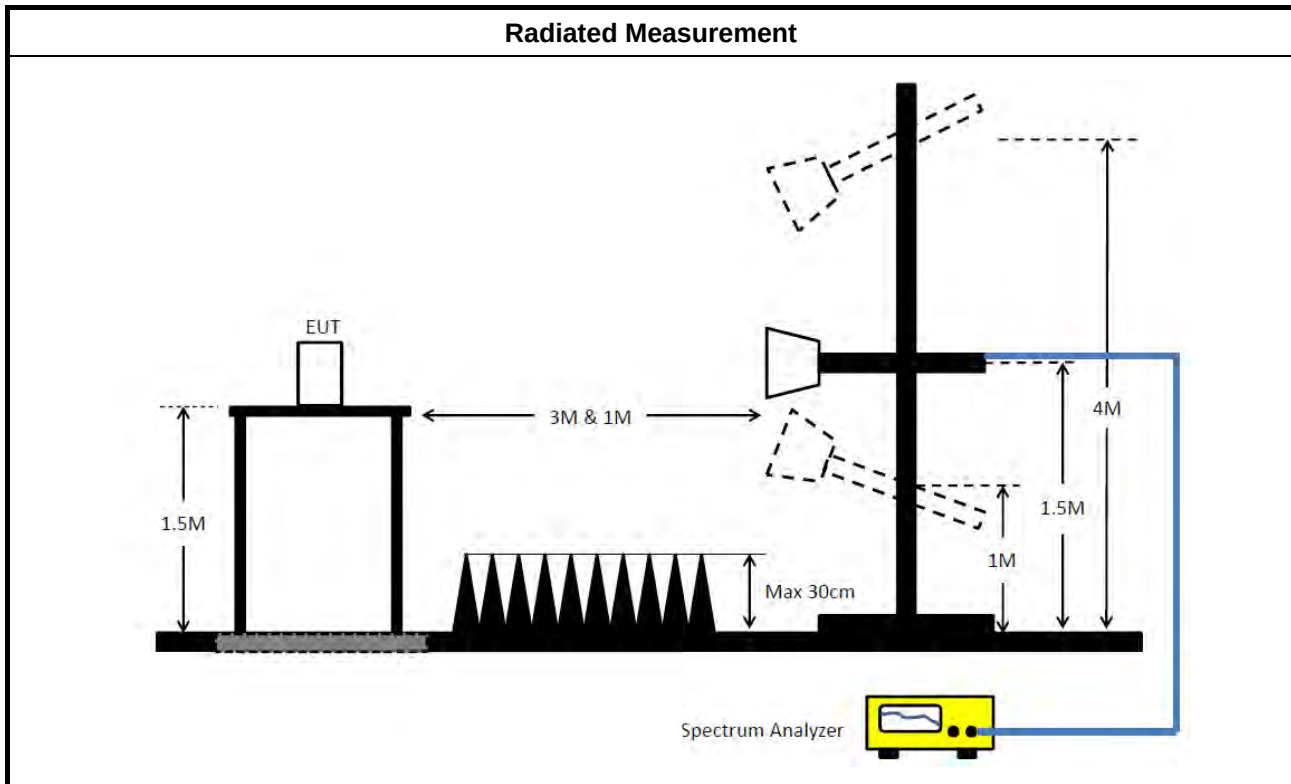
LP(FSL factor) Formula :

$LP(dB) = 20\log(5952.48) + 20\log(3) - 27.5 = 57.54$

EIRP PSD Formula

$EIRP\ PSD(dBm/MHz) = -52.73 + 57.54 = 4.81$

3.4.4 Test Setup



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

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

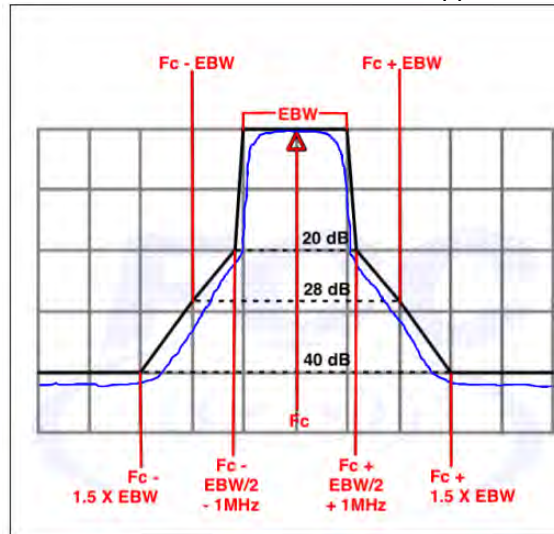
Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance,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

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

Un-restricted band emissions above 1GHz Limit	
Frequency	Limit
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
	Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m($20 \times \log(\text{standard distance}/\text{test distance}) = 20\log(3/1) = 9.54\text{dB}$). EX. Above 18GHz emission limit calculation (3m to 1m) = $68.2\text{dBuV/m at 3m} + 9.54\text{dB} = 77.74\text{dBuV/m at 1m}$.
	Note 2:-27 dBm EIRP OBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
Frequency	Emission MASK Limit

5.945 – 7.125 GHz

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





3.5.2 Measuring Instruments

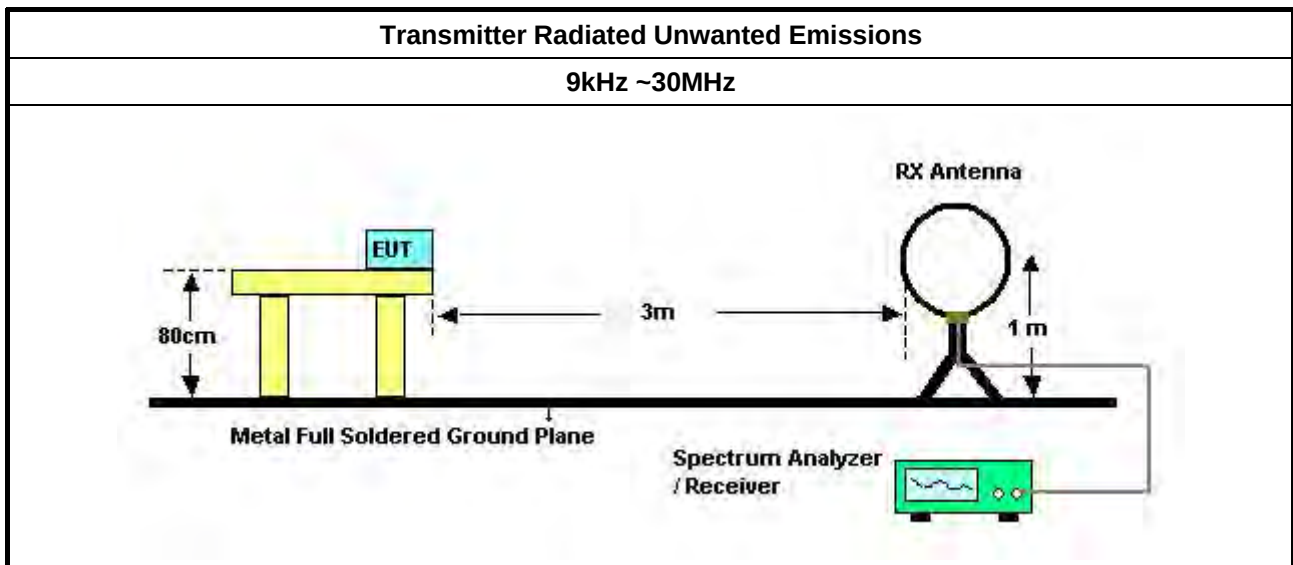
Refer a test equipment and calibration data table in this test report.

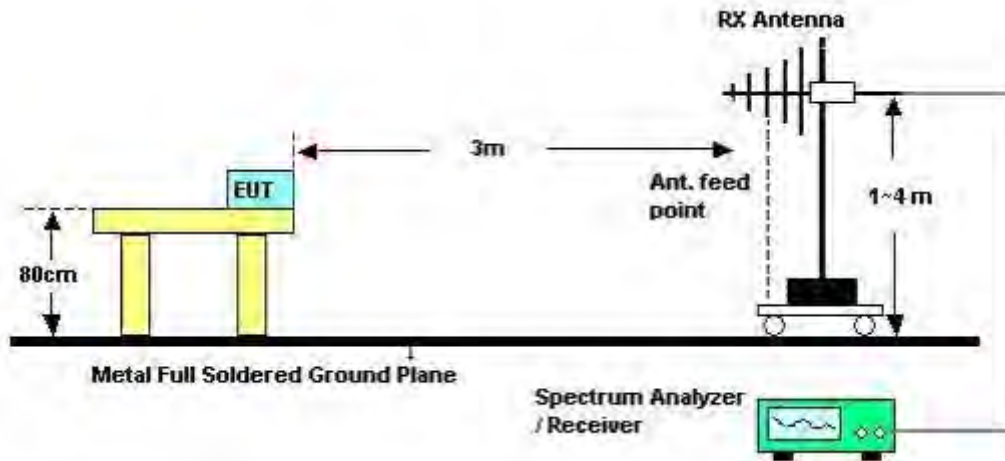
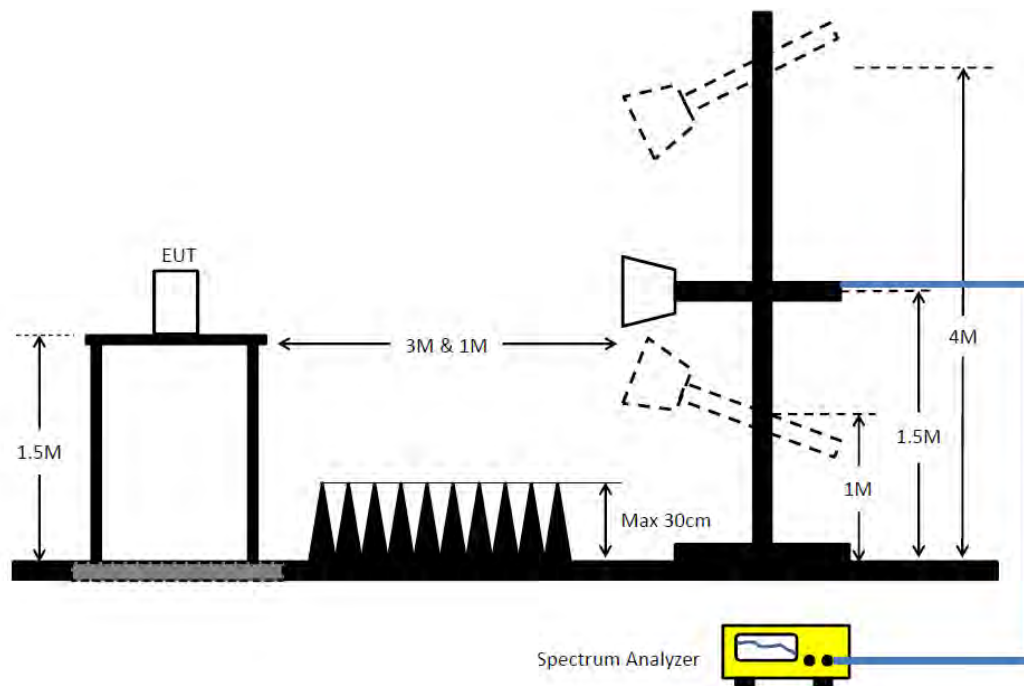
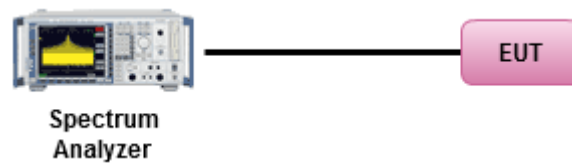
3.5.3 Test Procedures

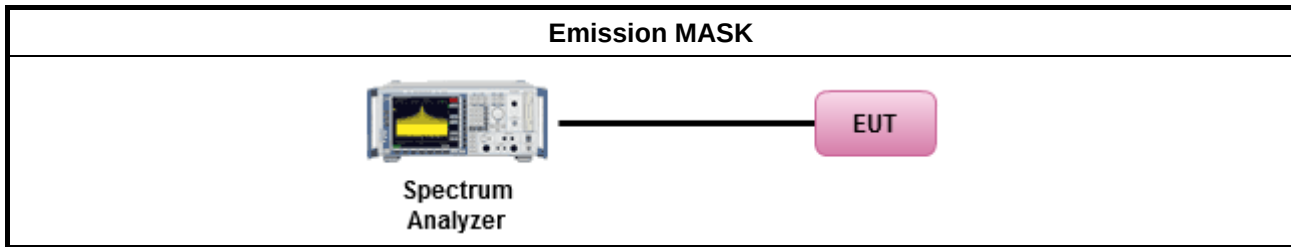
Test Method	
According to KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can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

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

3.5.4 Test Setup



30MHz~1GHz

Above 1GHz

Transmitter Conducted Unwanted Emissions




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.

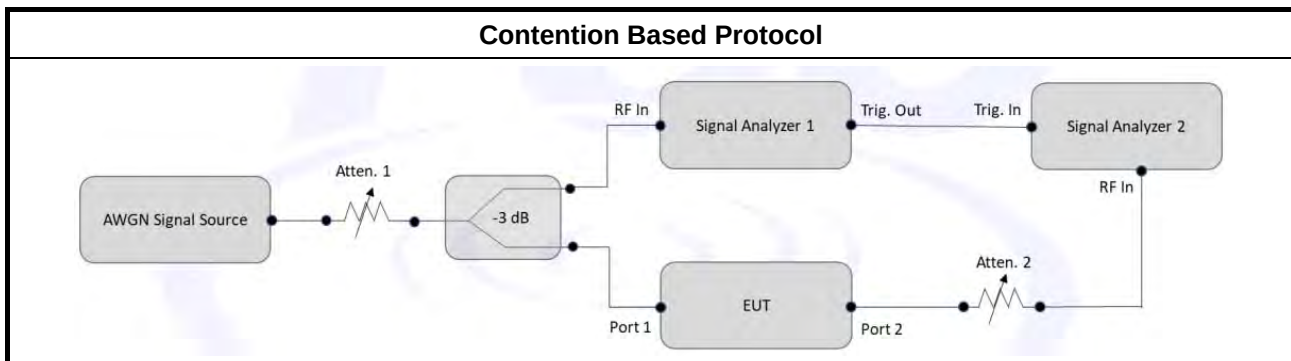
3.6.2 Measuring Instruments

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:
☒	Refer as FCC draft 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



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 22, 2021	Dec. 21, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 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	03CH03-CB	1GHz ~18GHz 3m	May 06, 2021	May 05, 2022	Radiation (03CH03-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	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Sep. 14, 2021	Sep. 13, 2022	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
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	100979	9kHz~40GHz	May 21, 2021	May 20, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz ~26.5 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P1	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P2	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P3	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P4	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	SWI-01-P5	1 GHz ~26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 06, 2021	Sep. 05, 2022	Conducted (TH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 06, 2021	Sep. 05, 2022	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 06, 2021	Nov. 05, 2022	Conducted (DF02-CB)
VEKTOR 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 -08	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DFS02-DV-02	1GHz ~ 6GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DFS02-DV-04	1GHz ~ 6GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	Woken	4 Way	DFS02-DV-05	1GHz ~ 6GHz	Oct. 04, 2021	Oct. 03, 2022	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-62	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. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Nov. 25, 2021	Nov. 24, 2022	Conducted (DF02-CB)

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

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



Conducted Emissions at Powerline

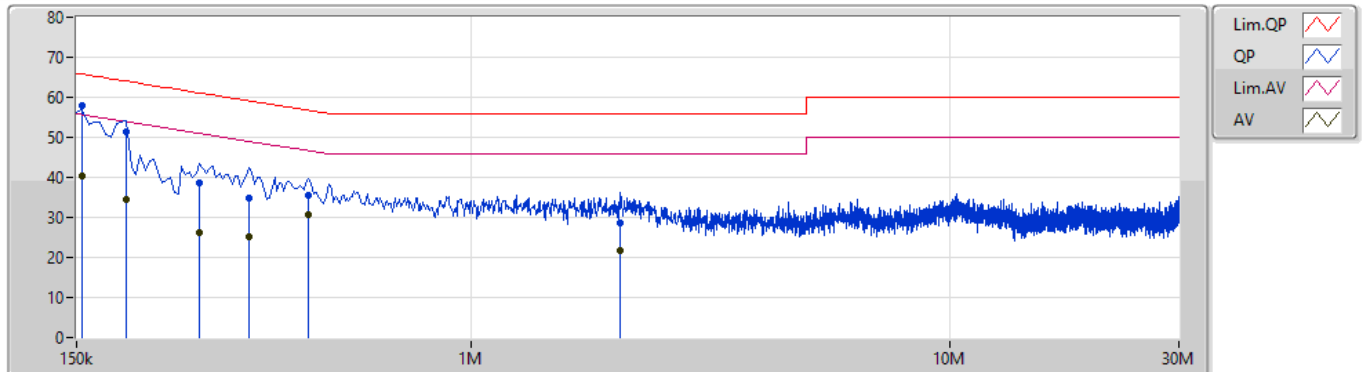
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.5k	57.94	65.75	-7.81	Line

Mode 1

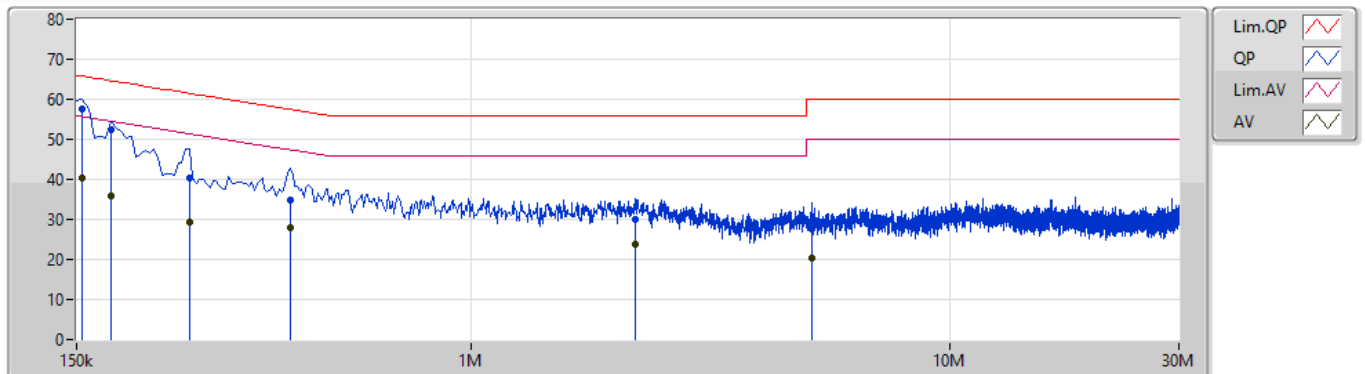
21/01/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.5k	57.94	65.75	-7.81	9.89	Line	"Worst"	48.05	0.04	0.04	9.81			
AV	154.5k	40.38	55.75	-15.37	9.89	Line	-	30.49	0.04	0.04	9.81			
QP	190.5k	51.26	64.01	-12.75	9.89	Line	-	41.37	0.04	0.04	9.81			
AV	190.5k	34.50	54.01	-19.51	9.89	Line	-	24.61	0.04	0.04	9.81			
QP	271.5k	38.58	61.07	-22.49	9.89	Line	-	28.69	0.04	0.04	9.81			
AV	271.5k	26.35	51.07	-24.72	9.89	Line	-	16.46	0.04	0.04	9.81			
QP	343.5k	34.97	59.12	-24.15	9.90	Line	-	25.07	0.04	0.04	9.82			
AV	343.5k	25.03	49.12	-24.09	9.90	Line	-	15.13	0.04	0.04	9.82			
QP	456k	35.53	56.76	-21.23	9.90	Line	-	25.63	0.04	0.04	9.82			
AV	456k	30.77	46.76	-15.99	9.90	Line	-	20.87	0.04	0.04	9.82			
QP	2.049M	28.60	56.00	-27.40	9.98	Line	-	18.62	0.09	0.07	9.82			
AV	2.049M	21.69	46.00	-24.31	9.98	Line	-	11.71	0.09	0.07	9.82			

Mode 1

21/01/2022



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.5k	57.70	65.75	-8.05	9.88	Neutral	"Worst"	47.82	0.03	0.04	9.81			
AV	154.5k	40.42	55.75	-15.33	9.88	Neutral	-	30.54	0.03	0.04	9.81			
QP	177k	52.26	64.62	-12.36	9.88	Neutral	-	42.38	0.03	0.04	9.81			
AV	177k	35.91	54.62	-18.71	9.88	Neutral	-	26.03	0.03	0.04	9.81			
QP	258k	40.26	61.49	-21.23	9.88	Neutral	-	30.38	0.03	0.04	9.81			
AV	258k	29.43	51.49	-22.06	9.88	Neutral	-	19.55	0.03	0.04	9.81			
QP	420k	34.88	57.45	-22.57	9.89	Neutral	-	24.99	0.03	0.04	9.82			
AV	420k	28.10	47.45	-19.35	9.89	Neutral	-	18.21	0.03	0.04	9.82			
QP	2.207M	29.86	56.00	-26.14	9.98	Neutral	-	19.88	0.07	0.08	9.83			
AV	2.207M	23.65	46.00	-22.35	9.98	Neutral	-	13.67	0.07	0.08	9.83			
QP	5.136M	27.44	60.00	-32.56	10.14	Neutral	-	17.30	0.13	0.13	9.88			
AV	5.136M	20.38	50.00	-29.62	10.14	Neutral	-	10.24	0.13	0.13	9.88			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.97M	19.28M	19M3D1D	21.75M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.34M	38.261M	38M3D1D	41.58M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	91.2M	78.201M	78M2D1D	81.6M	77.481M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.84M	157.601M	158MD1D	164.4M	155.922M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.38M	19.31M	19M3D1D	22.2M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	46.02M	38.201M	38M2D1D	42.12M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	93.84M	78.201M	78M2D1D	83.52M	77.961M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.84M	157.121M	157MD1D	164.88M	156.882M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.98M	19.28M	19M3D1D	22.53M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.82M	38.261M	38M3D1D	41.34M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	90.12M	78.321M	78M3D1D	82.44M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	166.32M	157.121M	157MD1D	164.4M	156.642M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.21M	19.28M	19M3D1D	22.23M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.28M	38.201M	38M2D1D	41.16M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	92.04M	77.961M	78M0D1D	82.56M	77.961M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.36M	156.642M	157MD1D	164.16M	156.402M

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

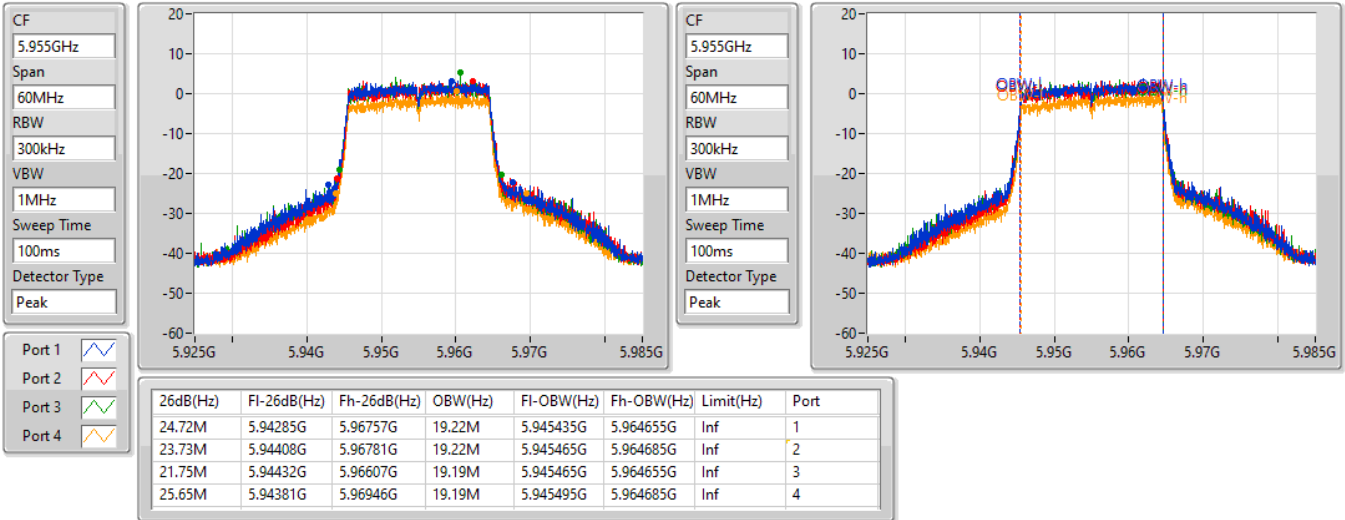
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5955MHz	Pass	Inf	24.72M	19.22M	23.73M	19.22M	21.75M	19.19M	25.65M	19.19M
6175MHz	Pass	Inf	25.65M	19.25M	22.32M	19.25M	22.56M	19.22M	23.85M	19.22M
6415MHz	Pass	Inf	22.5M	19.28M	29.97M	19.28M	22.29M	19.22M	24.24M	19.25M
6435MHz	Pass	Inf	24M	19.25M	23.49M	19.22M	23.91M	19.31M	22.8M	19.22M
6475MHz	Pass	Inf	25.38M	19.22M	22.2M	19.22M	23.49M	19.28M	23.43M	19.22M
6515MHz	Pass	Inf	22.86M	19.28M	24.45M	19.25M	23.37M	19.25M	24.9M	19.25M
6535MHz	Pass	Inf	25.77M	19.28M	24.06M	19.25M	25.17M	19.22M	22.53M	19.25M
6695MHz	Pass	Inf	22.77M	19.22M	24.36M	19.22M	23.19M	19.25M	23.76M	19.25M
6855MHz	Pass	Inf	22.56M	19.25M	23.19M	19.22M	24.36M	19.28M	23.31M	19.25M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	25.98M	19.22M	25.35M	19.25M	22.95M	19.25M	23.67M	19.22M
6895MHz	Pass	Inf	23.91M	19.28M	25.38M	19.25M	23.43M	19.19M	22.86M	19.25M
6995MHz	Pass	Inf	27.21M	19.28M	22.23M	19.25M	22.38M	19.28M	26.19M	19.25M
7095MHz	Pass	Inf	23.46M	19.28M	27.03M	19.25M	25.74M	19.22M	22.77M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5965MHz	Pass	Inf	43.62M	38.141M	42.42M	37.961M	41.58M	38.021M	41.76M	38.141M
6165MHz	Pass	Inf	44.22M	38.261M	42.78M	38.081M	42.72M	38.081M	43.02M	38.141M
6405MHz	Pass	Inf	41.94M	38.141M	43.38M	38.201M	44.34M	38.201M	42.54M	38.141M
6445MHz	Pass	Inf	43.8M	38.081M	42.42M	38.141M	43.44M	38.201M	45.06M	38.081M
6485MHz	Pass	Inf	44.28M	38.141M	46.02M	38.201M	42.96M	38.141M	42.12M	38.141M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	42.48M	38.141M	43.02M	38.141M	42.18M	38.141M	42.96M	38.141M
6565MHz	Pass	Inf	41.76M	38.081M	42.12M	38.081M	41.7M	38.141M	41.34M	38.261M
6685MHz	Pass	Inf	42.78M	38.141M	42M	38.141M	42.48M	38.141M	42.96M	38.081M
6845MHz	Pass	Inf	43.08M	38.141M	42.3M	38.081M	42.96M	38.141M	41.46M	38.081M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	42.06M	38.201M	41.7M	38.141M	42.42M	38.141M	44.82M	38.201M
6925MHz	Pass	Inf	44.28M	38.201M	41.52M	38.141M	41.7M	38.201M	41.88M	38.081M
7005MHz	Pass	Inf	42.24M	38.141M	42.36M	38.141M	42.54M	38.141M	42M	38.141M
7085MHz	Pass	Inf	42.42M	38.081M	41.16M	38.081M	41.4M	38.141M	41.88M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5985MHz	Pass	Inf	84.48M	77.841M	81.6M	77.481M	85.56M	77.721M	81.96M	77.721M
6145MHz	Pass	Inf	84.36M	78.201M	84M	77.961M	84.84M	77.961M	87.72M	77.961M
6385MHz	Pass	Inf	84.12M	78.081M	91.2M	78.081M	84.48M	78.201M	83.88M	77.961M
6465MHz	Pass	Inf	91.2M	77.961M	85.44M	77.961M	93.84M	78.081M	91.56M	77.961M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	83.52M	78.201M	84.24M	77.961M	84.96M	78.201M	84.72M	78.201M
6625MHz	Pass	Inf	85.2M	78.081M	84.96M	78.081M	85.92M	77.961M	87M	78.081M
6705MHz	Pass	Inf	90.12M	77.961M	85.44M	78.081M	85.68M	78.201M	82.44M	78.321M
6785MHz	Pass	Inf	85.44M	78.081M	84.48M	78.081M	83.52M	77.961M	85.32M	78.081M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	84.84M	78.081M	85.68M	77.841M	84.6M	77.961M	83.52M	78.081M
6945MHz	Pass	Inf	84.24M	77.961M	82.56M	77.961M	86.4M	77.961M	83.04M	77.961M
7025MHz	Pass	Inf	84.48M	77.961M	85.8M	77.961M	83.28M	77.961M	92.04M	77.961M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
6025MHz	Pass	Inf	164.64M	156.642M	164.4M	155.922M	165.12M	156.402M	164.88M	156.642M
6185MHz	Pass	Inf	165.84M	157.121M	165.12M	156.882M	165.36M	156.882M	164.64M	157.601M
6345MHz	Pass	Inf	164.64M	156.642M	165.36M	156.642M	164.4M	156.642M	164.64M	156.402M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	165.36M	156.882M	165.84M	156.882M	165.12M	157.121M	164.88M	156.882M
6665MHz	Pass	Inf	165.12M	156.882M	165.6M	156.882M	164.4M	157.121M	166.32M	157.121M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	165.12M	156.642M	165.36M	156.642M	164.88M	156.642M	164.64M	156.642M
6985MHz	Pass	Inf	165.36M	156.642M	165.12M	156.642M	164.16M	156.402M	164.4M	156.402M

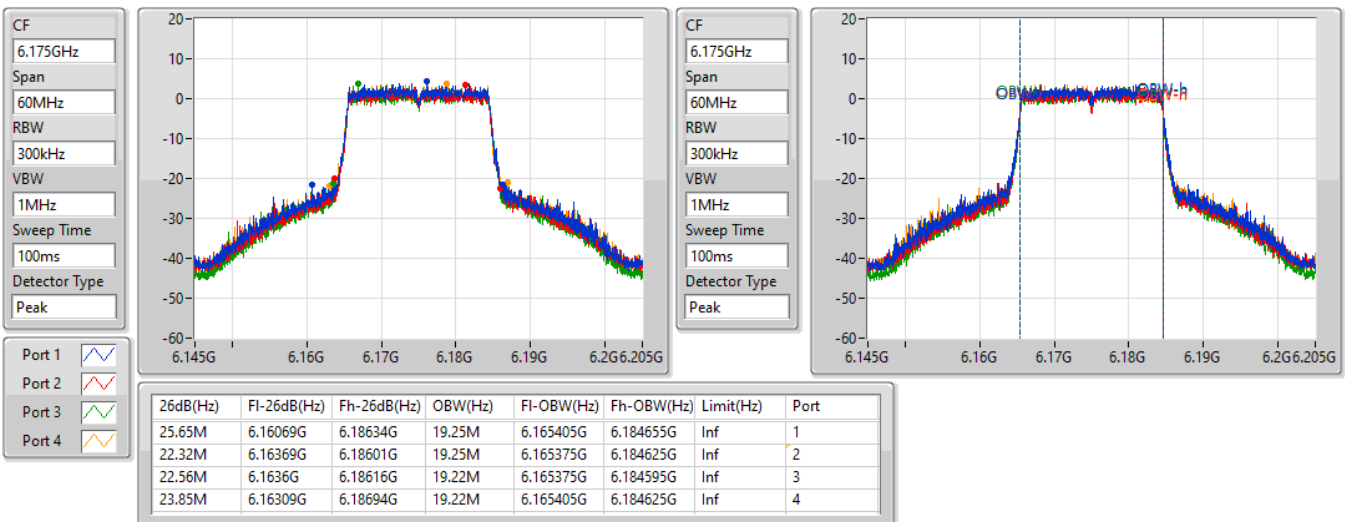
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5955MHz

14/05/2022


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6175MHz

16/04/2022

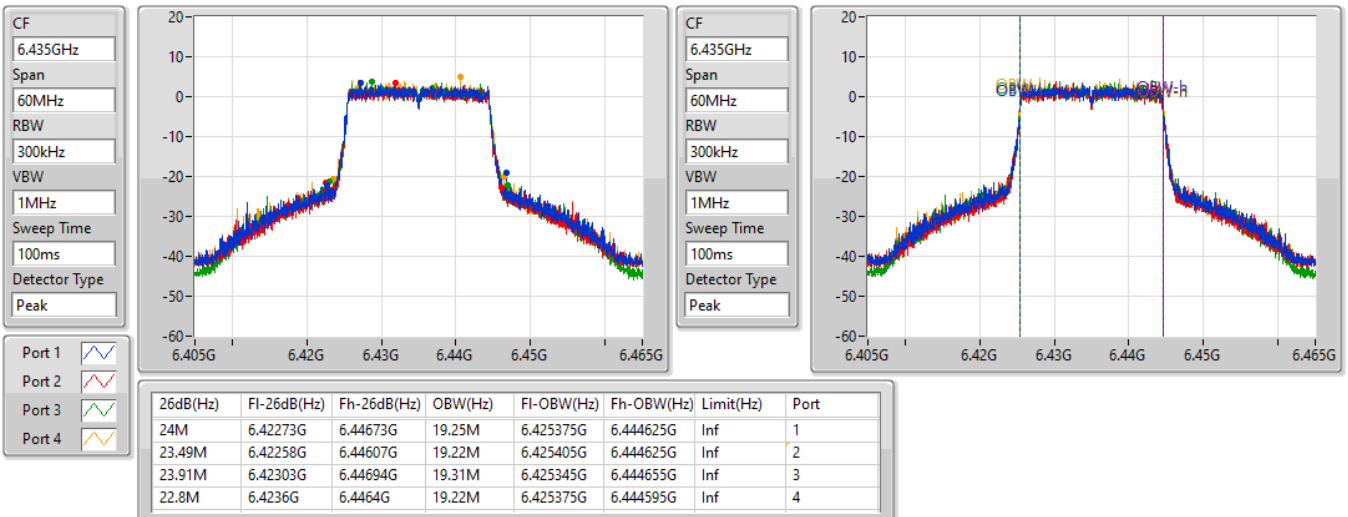


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6415MHz

16/04/2022

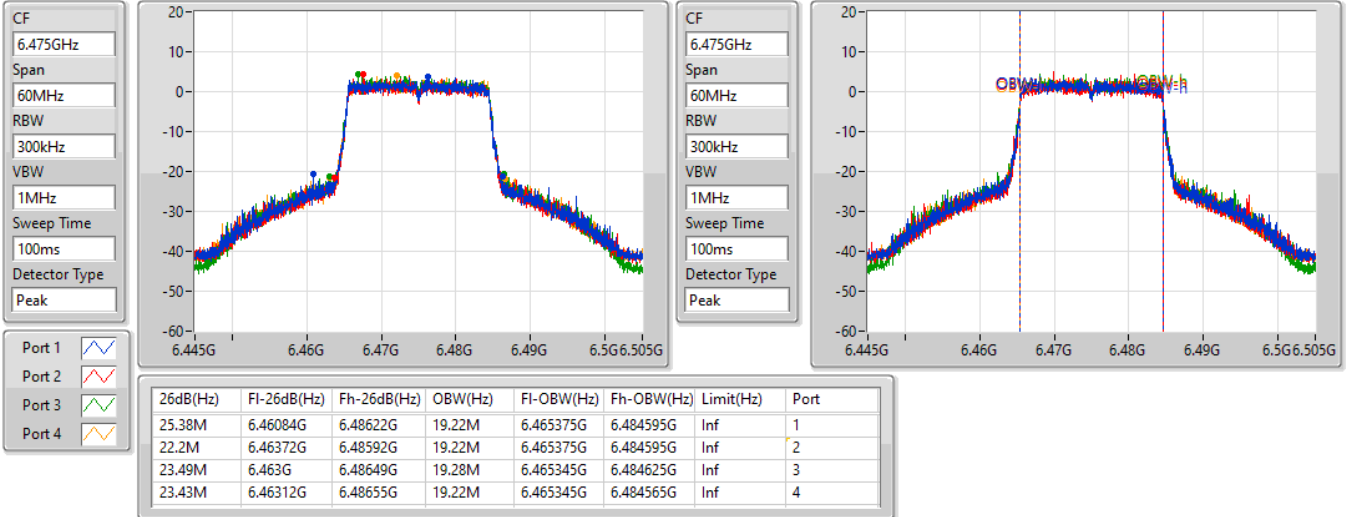

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6435MHz

16/04/2022

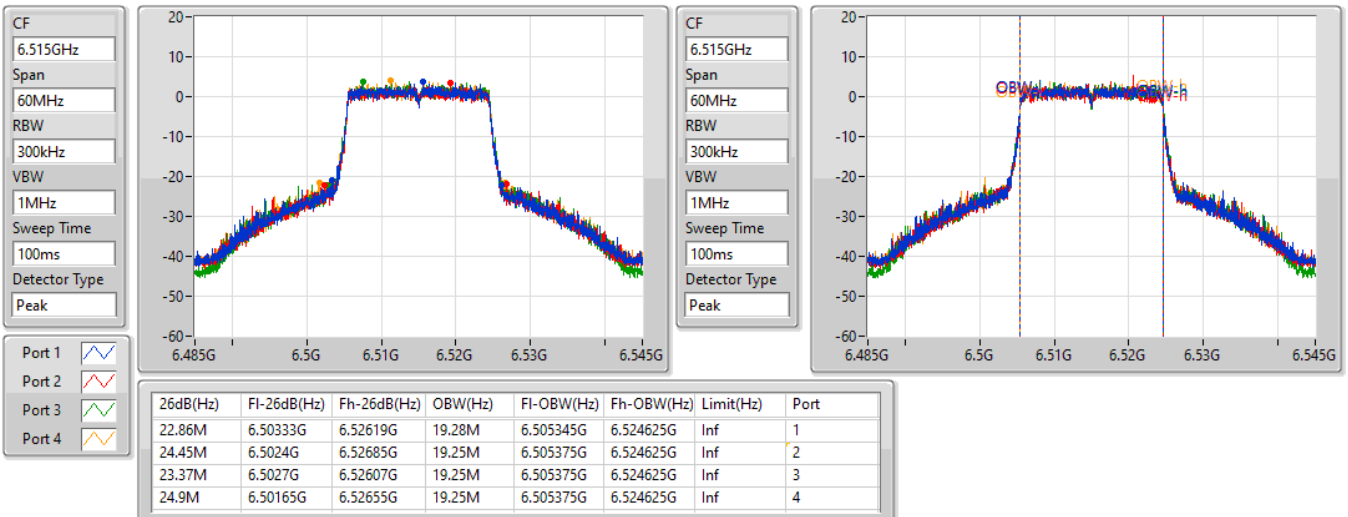


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6475MHz

16/04/2022

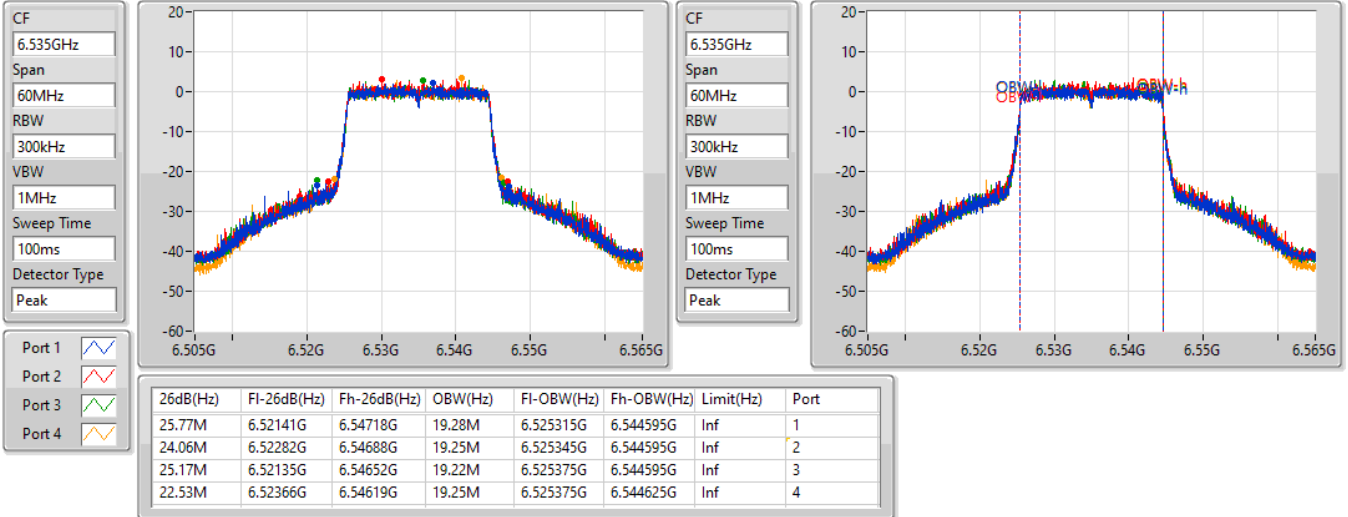

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6515MHz

16/04/2022

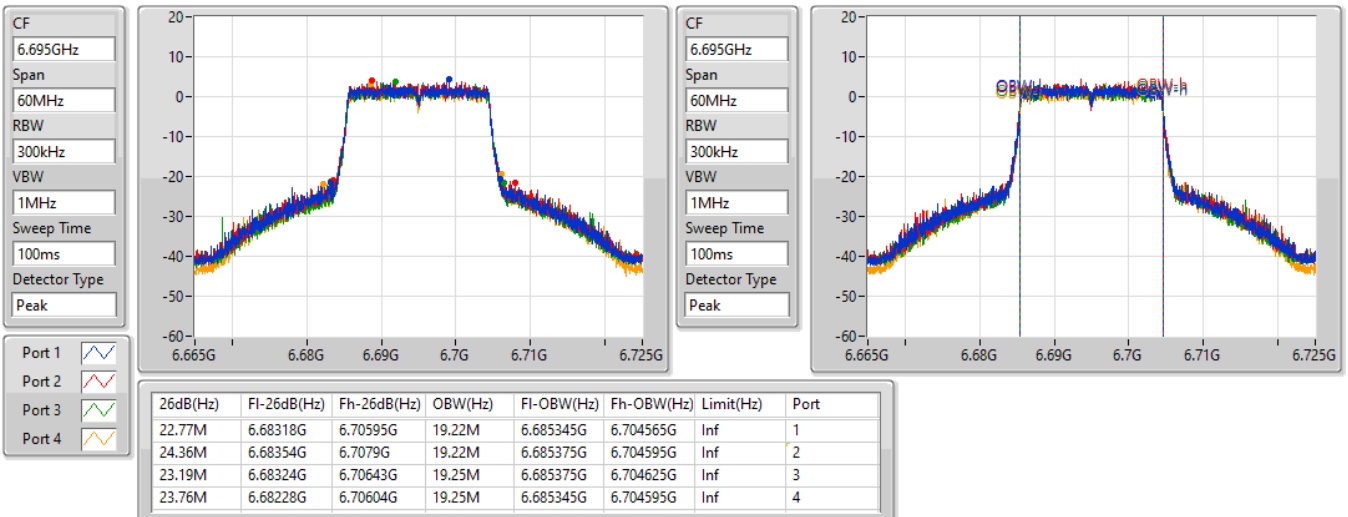


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6535MHz

14/05/2022

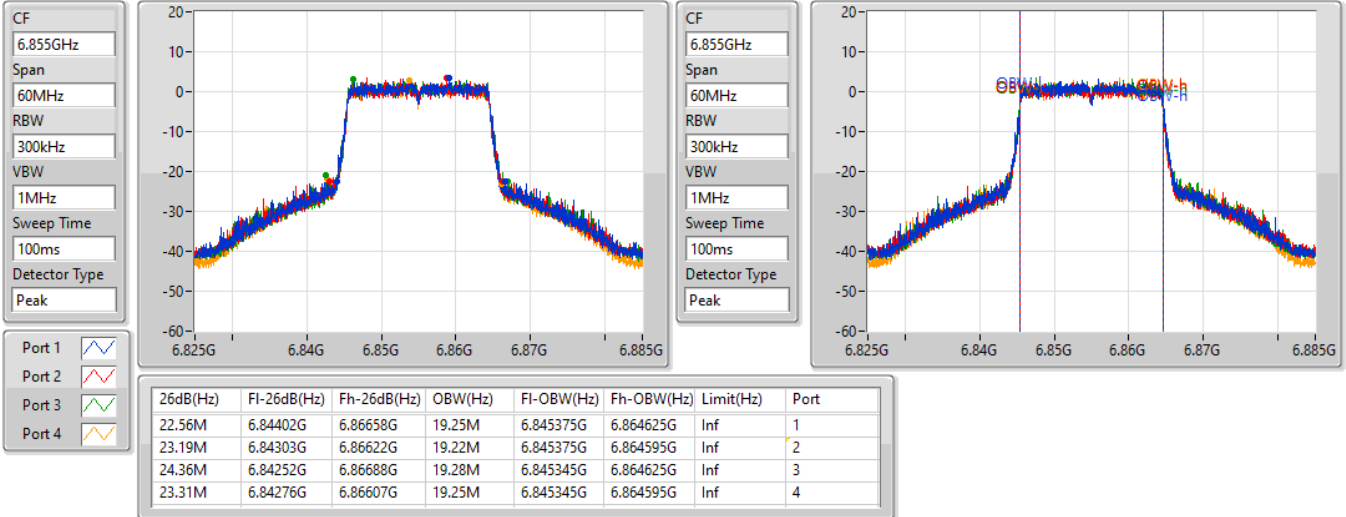

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6695MHz

14/05/2022

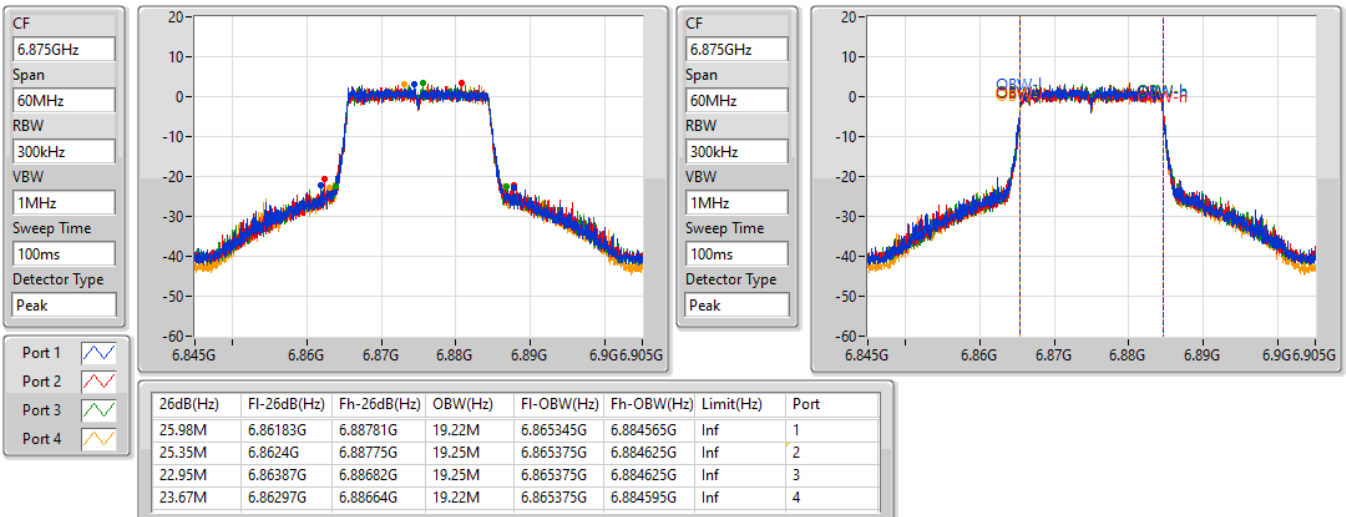


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6855MHz

14/05/2022

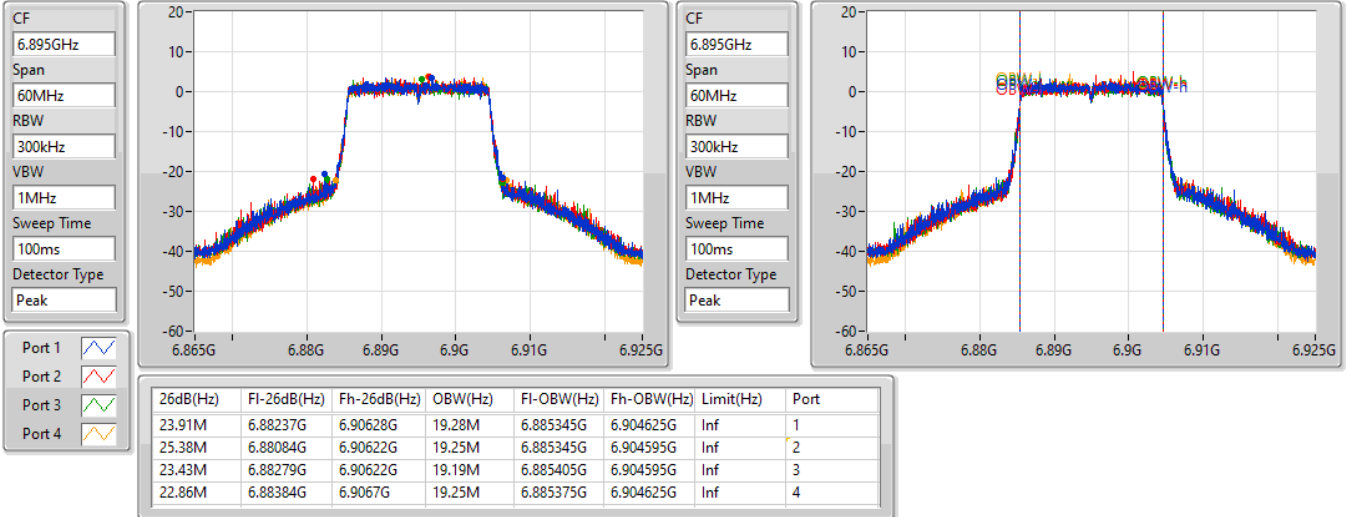

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6875MHz Straddle 6.525-6.875GHz

14/05/2022

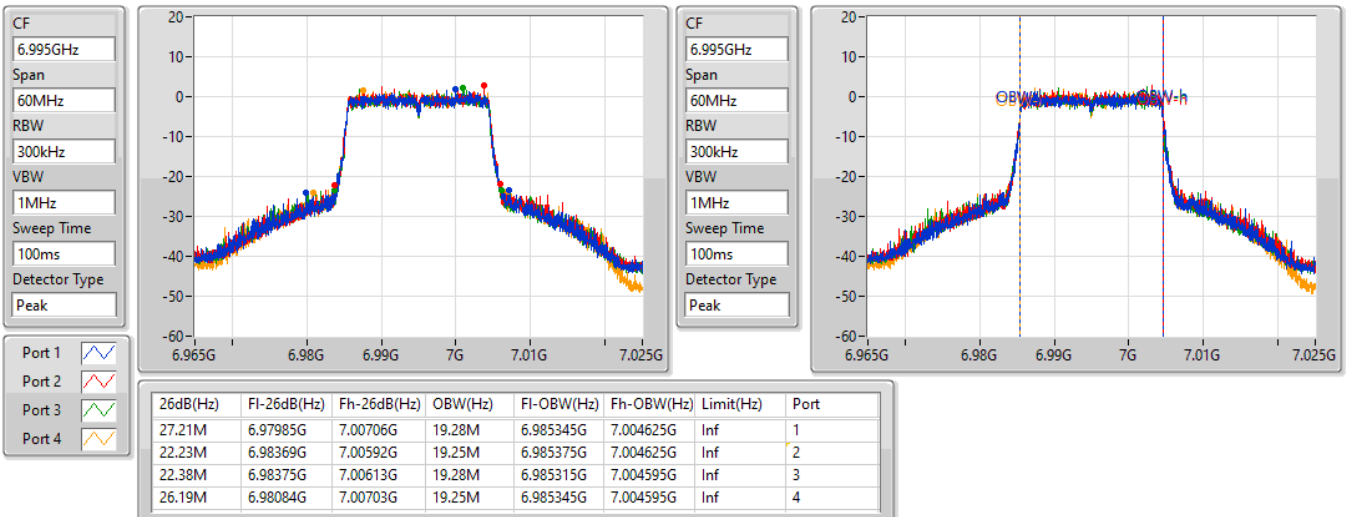


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6895MHz

14/05/2022

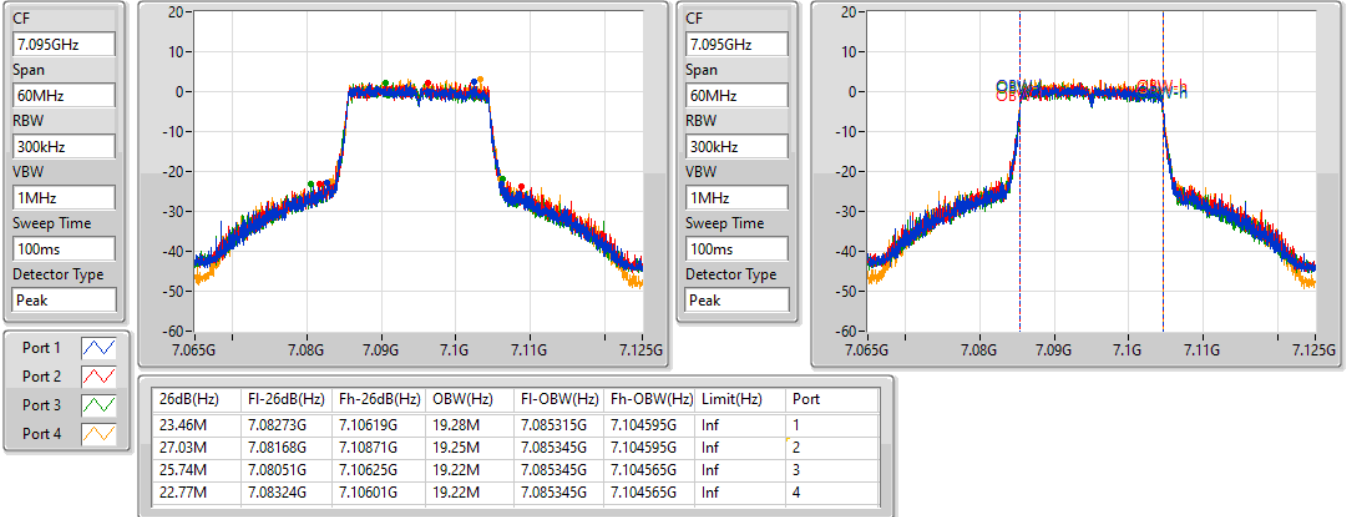

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
6995MHz

14/05/2022

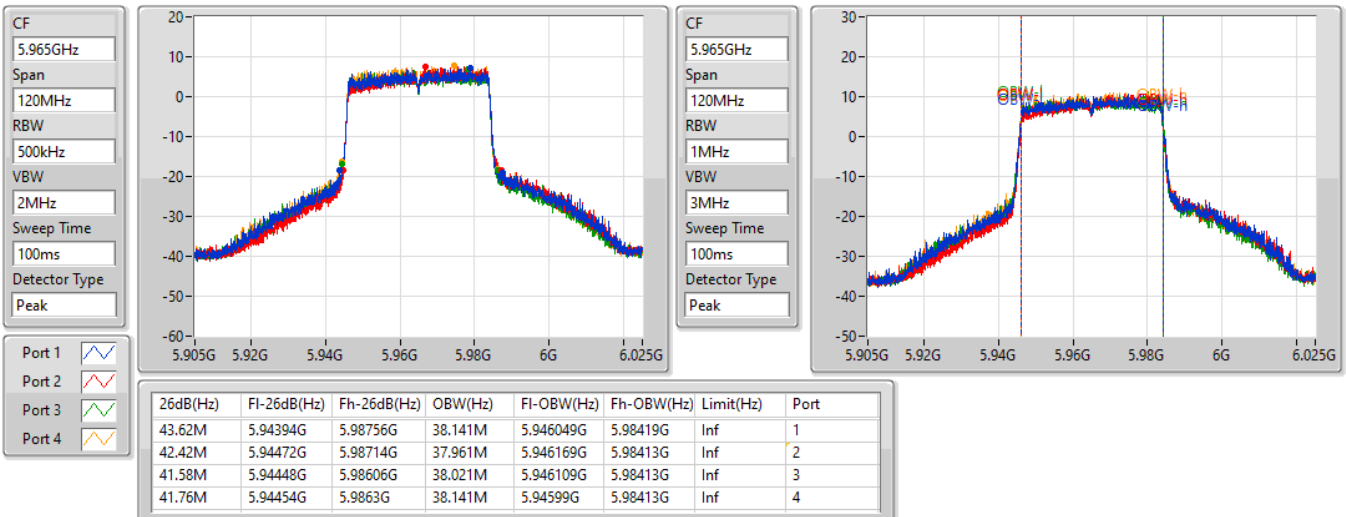


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
7095MHz

14/05/2022

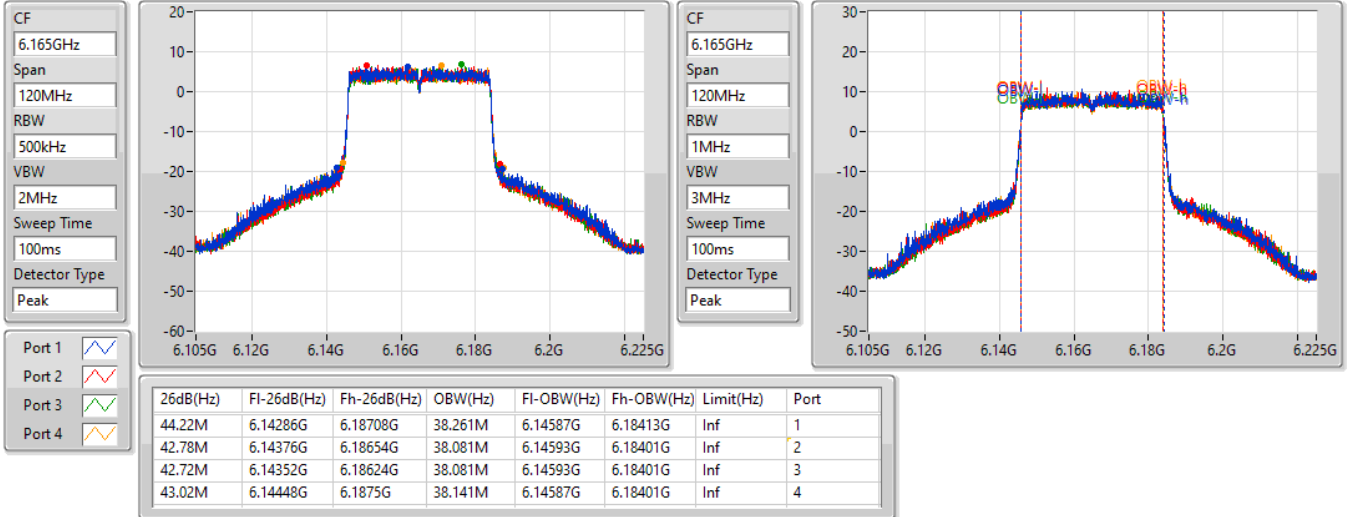

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5965MHz

14/05/2022

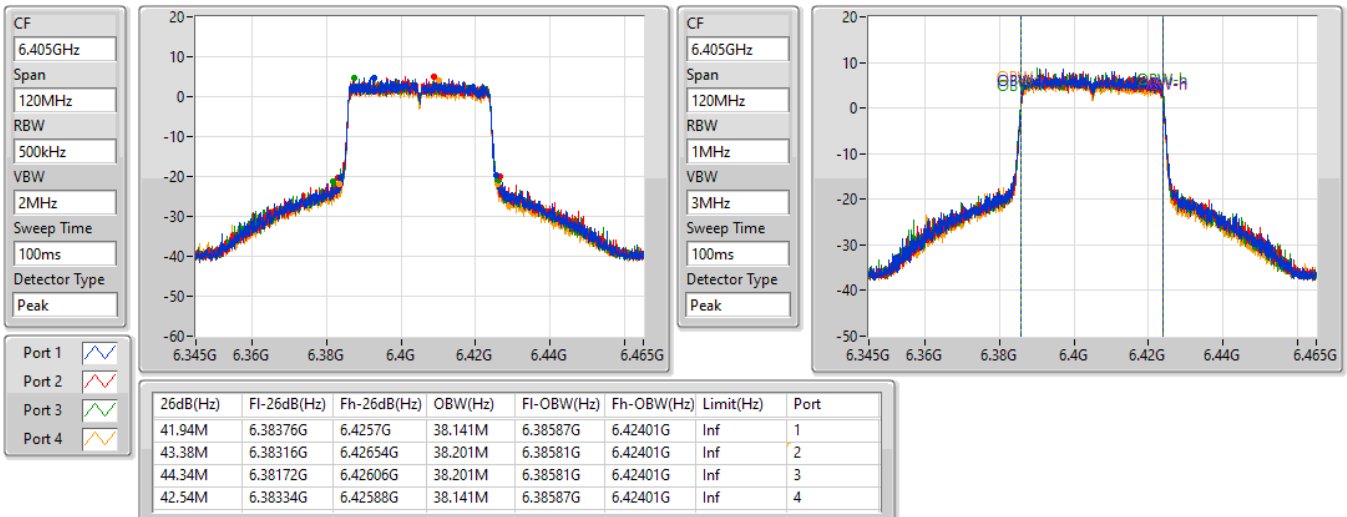


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6165MHz

14/05/2022


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6405MHz

14/05/2022

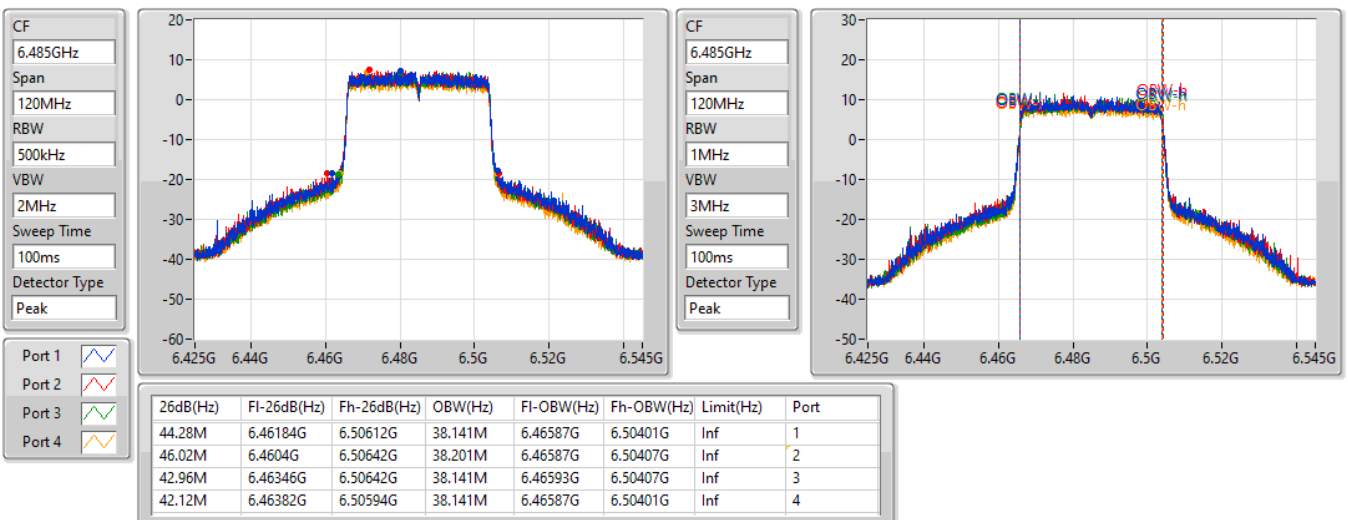


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6445MHz

14/05/2022


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6485MHz

14/05/2022



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6525MHz Straddle 6.425-6.525GHz

14/05/2022

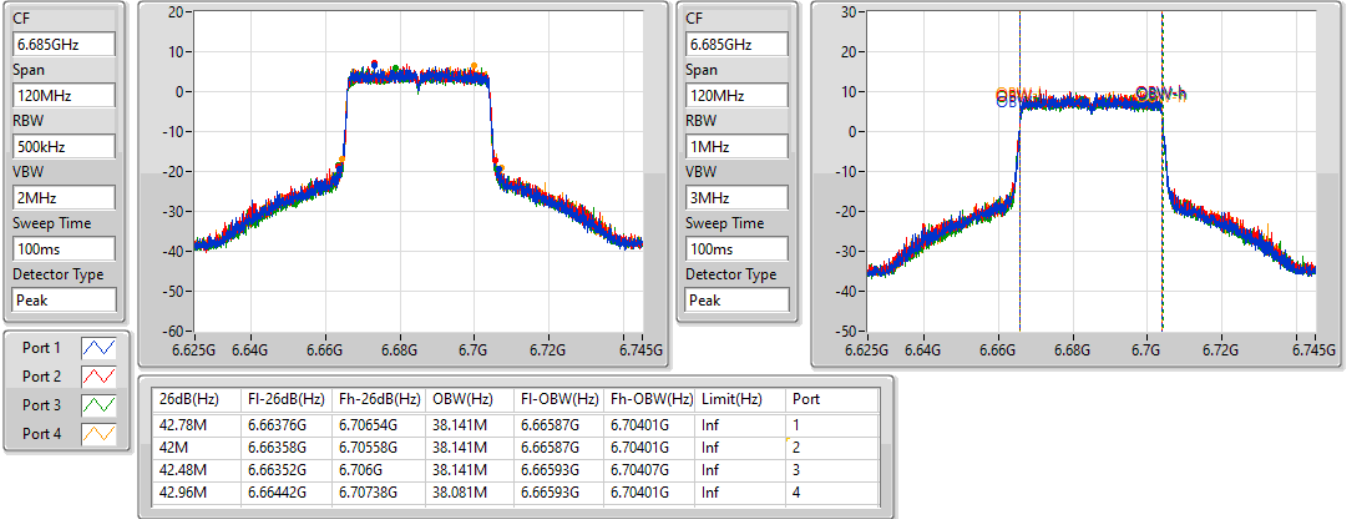

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6565MHz

14/05/2022

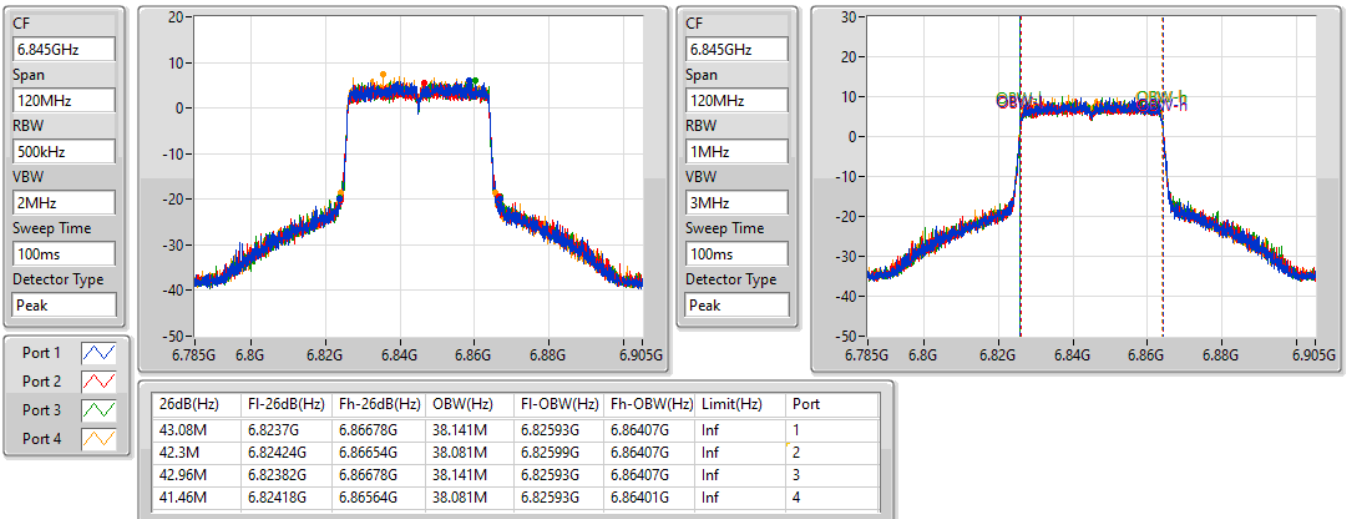


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6685MHz

14/05/2022


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6845MHz

14/05/2022



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6885MHz Straddle 6.525-6.875GHz

14/05/2022


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
6925MHz

14/05/2022

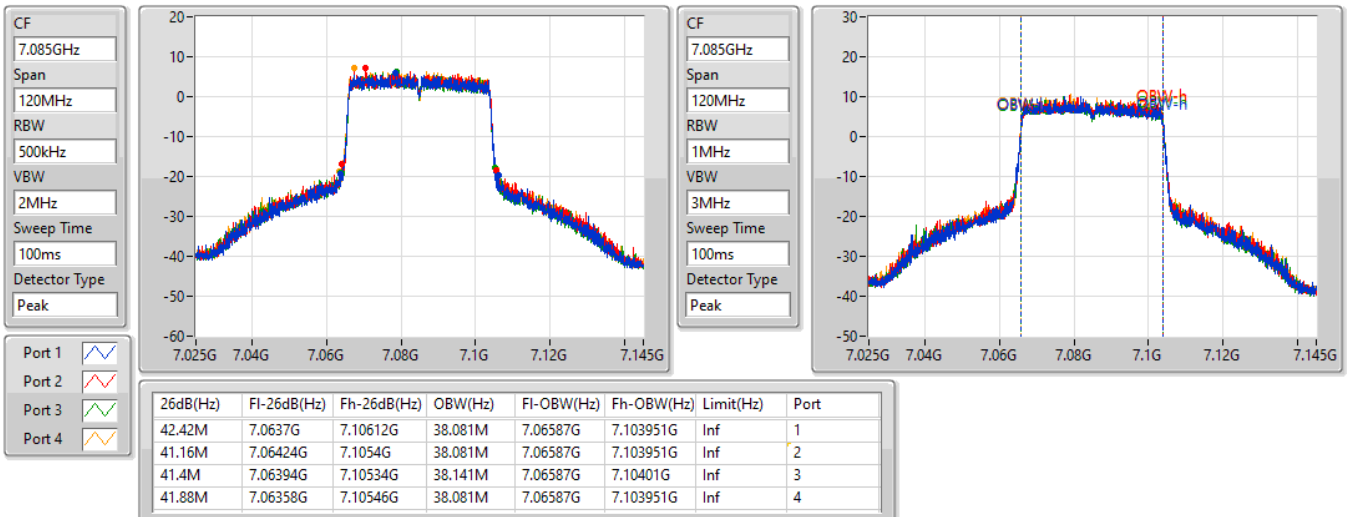


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
7005MHz

14/05/2022

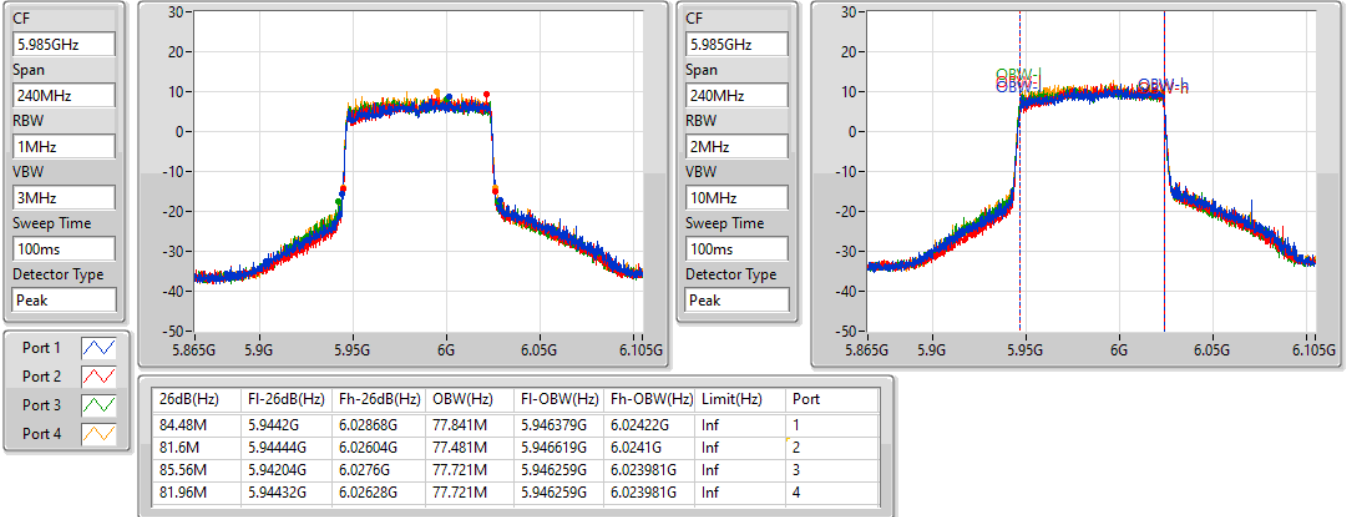

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
7085MHz

14/05/2022



802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5985MHz

14/05/2022


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6145MHz

14/05/2022



802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6385MHz

14/05/2022

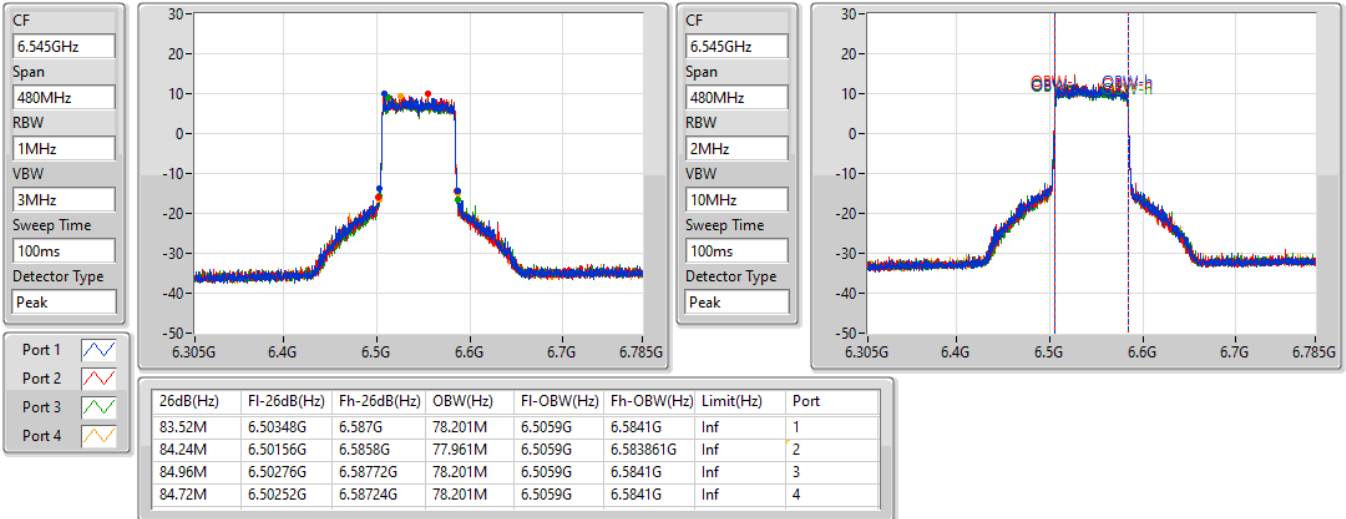

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6465MHz

14/05/2022



802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6545MHz Straddle 6.425-6.525GHz

14/05/2022

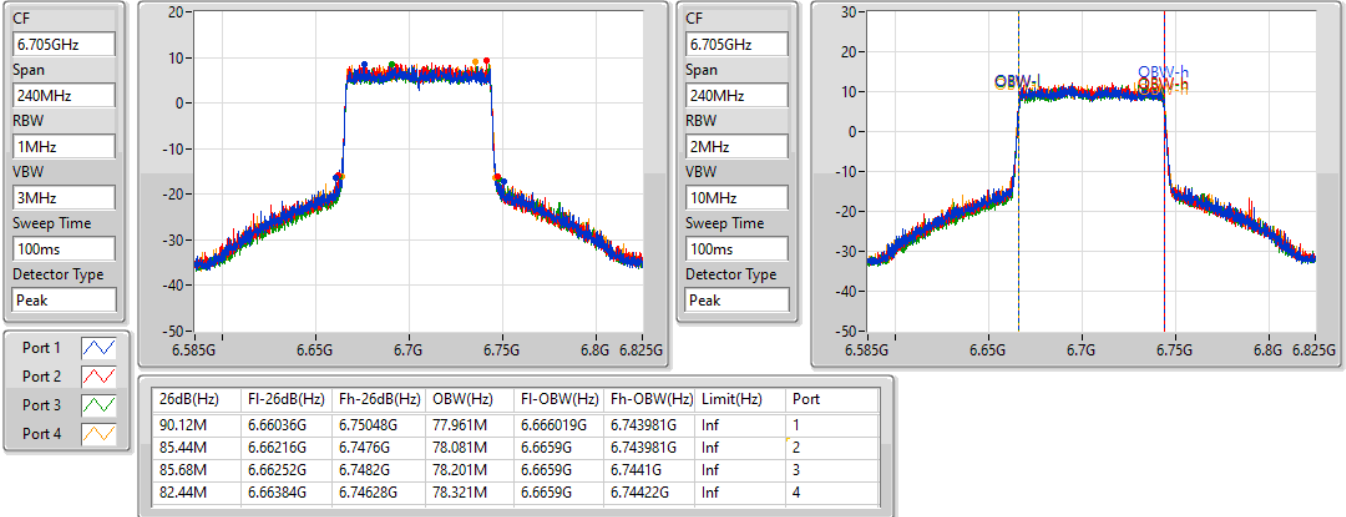

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6625MHz

14/05/2022

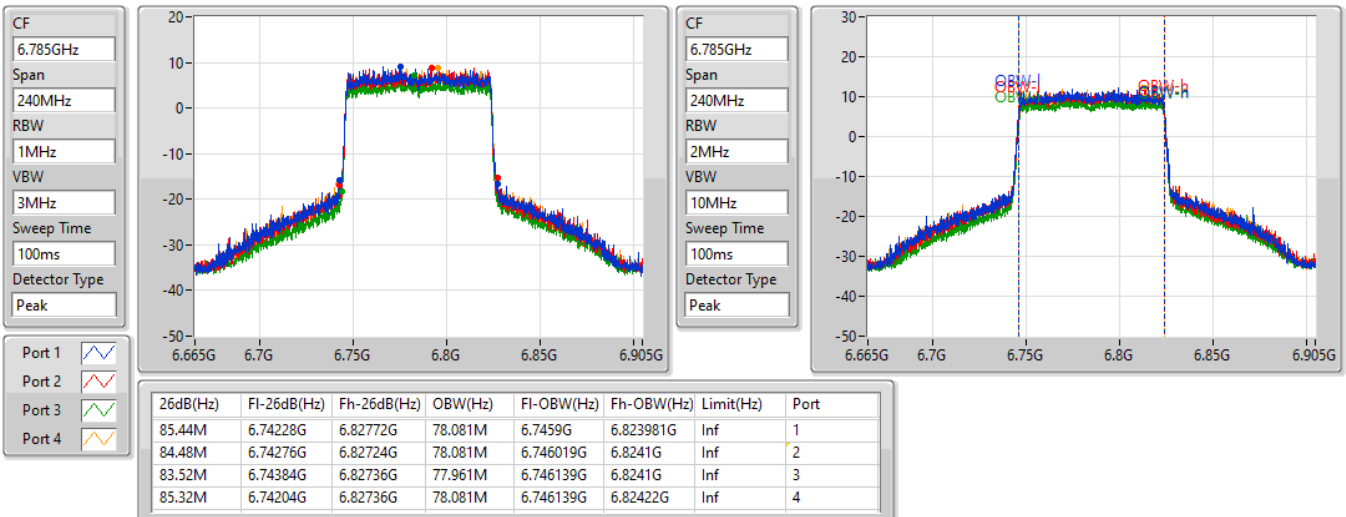


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6705MHz

14/05/2022

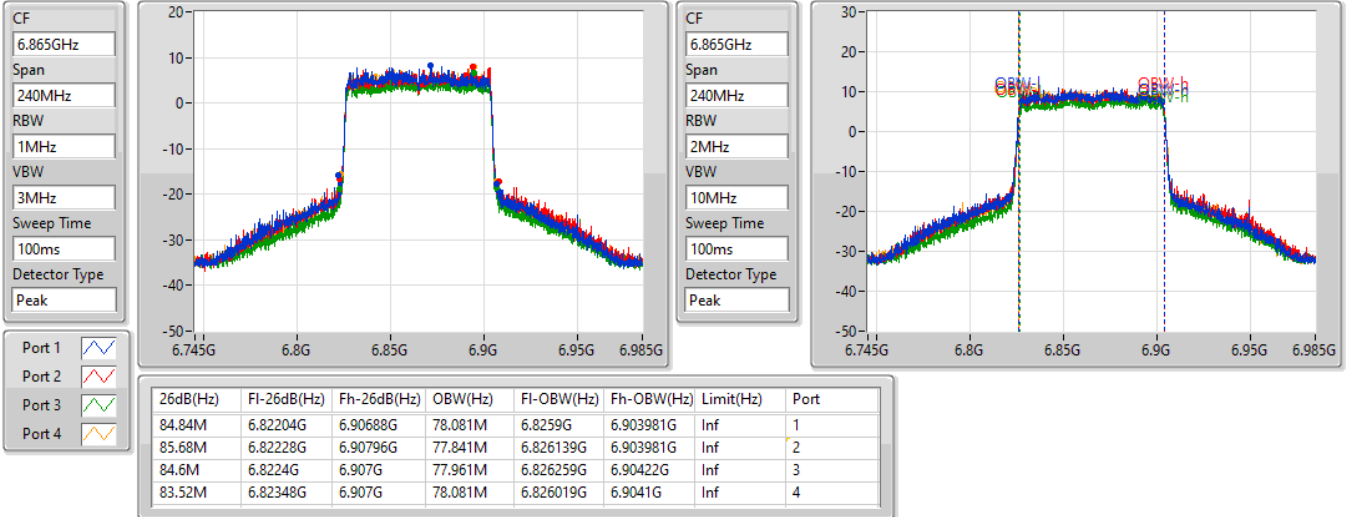

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6785MHz

14/05/2022

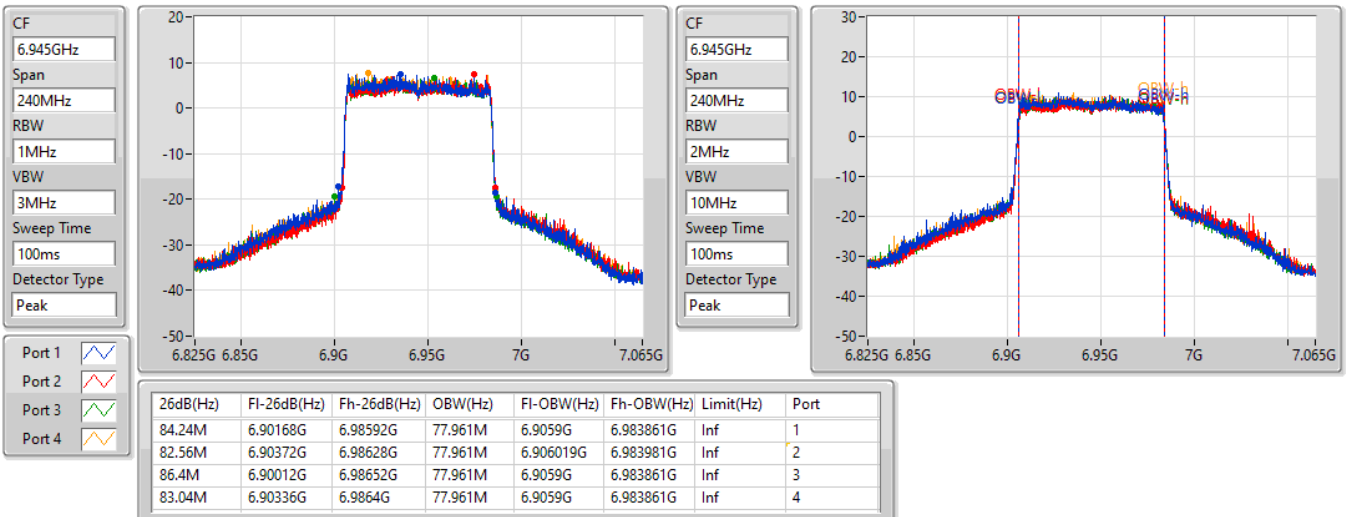


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6865MHz Straddle 6.525-6.875GHz

14/05/2022

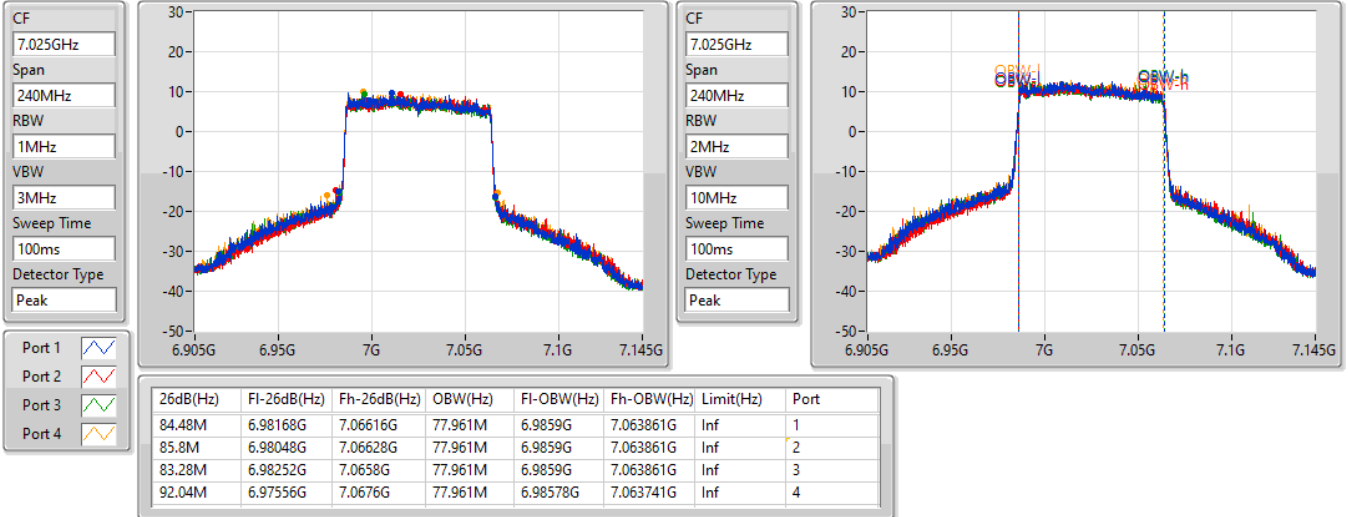

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
6945MHz

14/05/2022

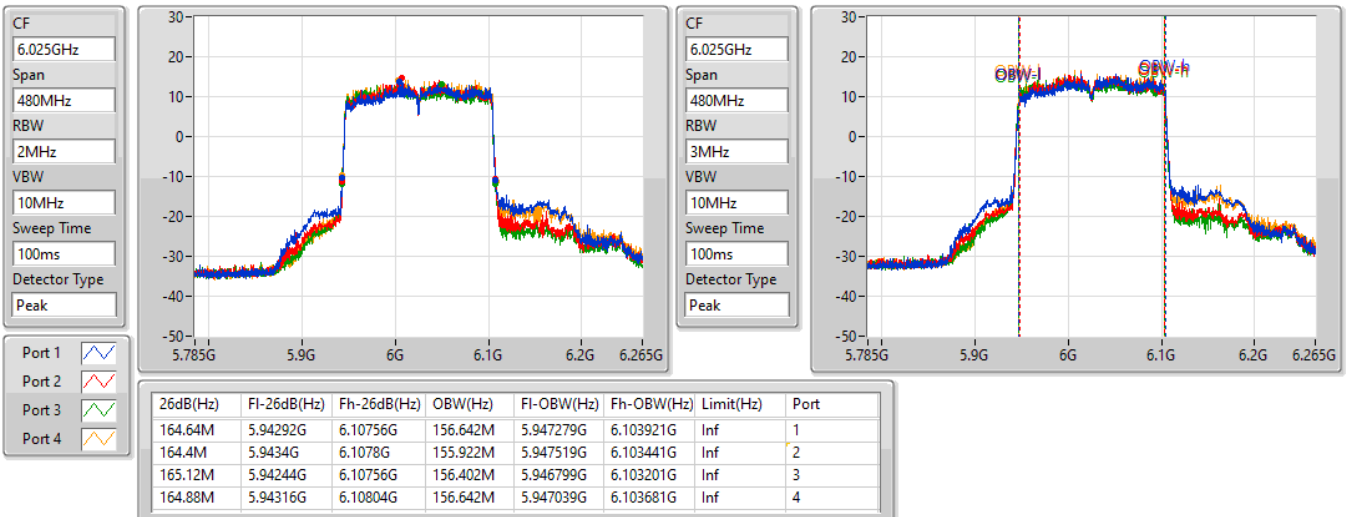


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
7025MHz

14/05/2022


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6025MHz

14/05/2022

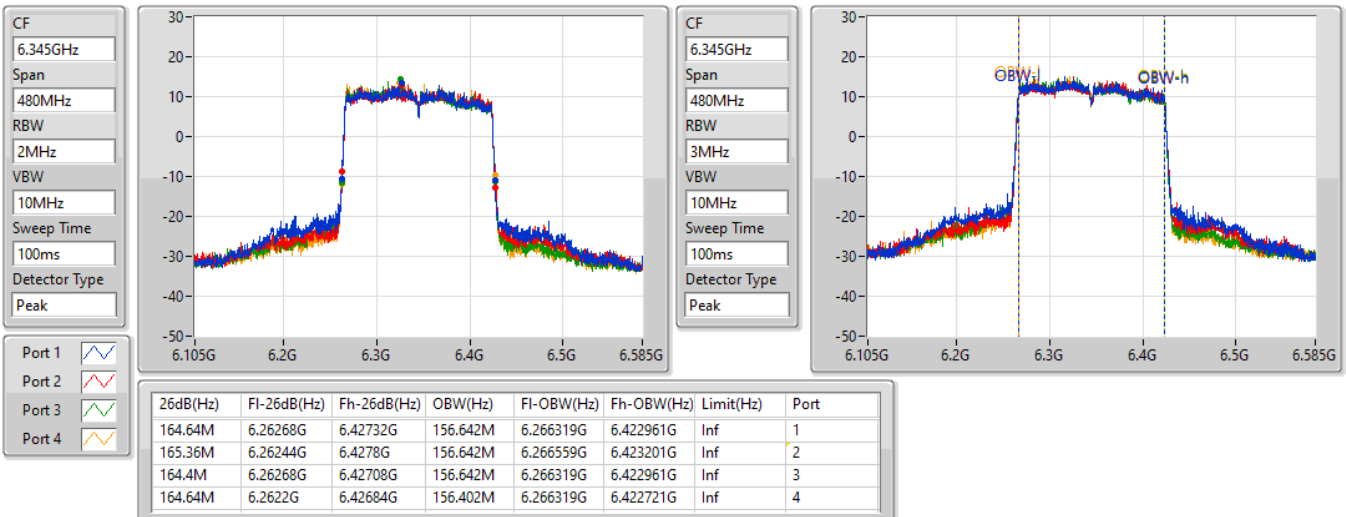


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6185MHz

14/05/2022

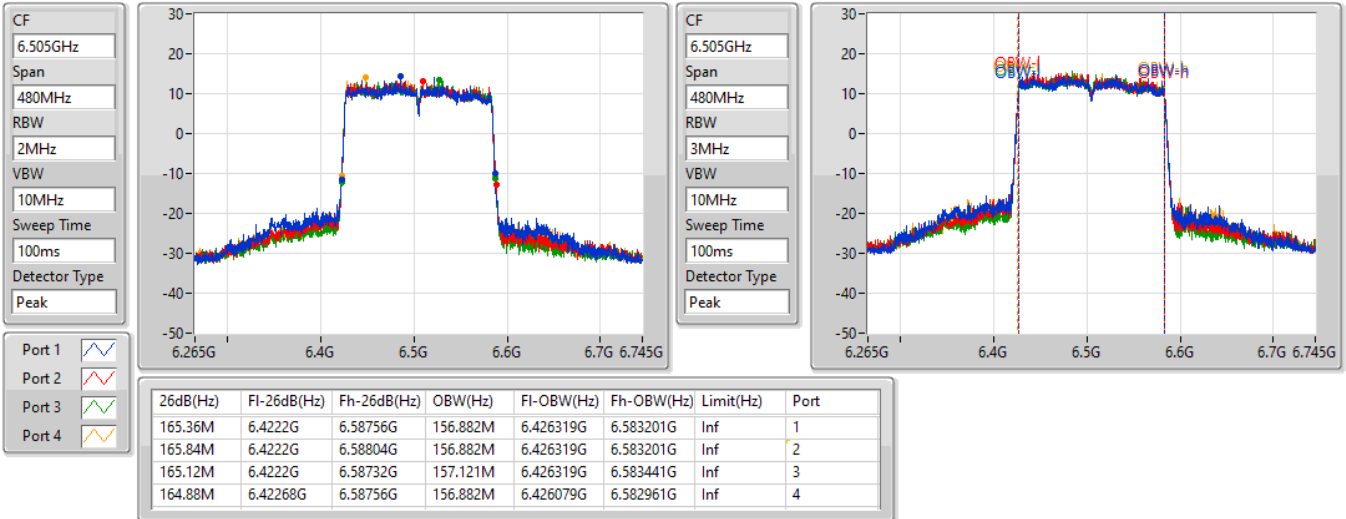

802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6345MHz

14/05/2022

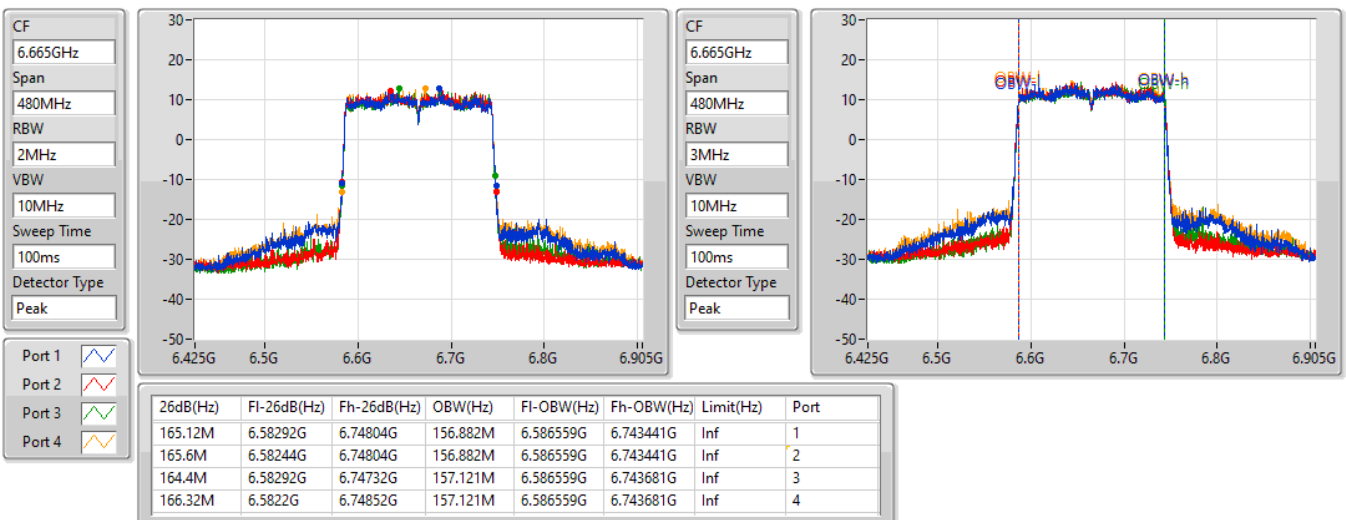


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6505MHz Straddle 6.425-6.525GHz

14/05/2022

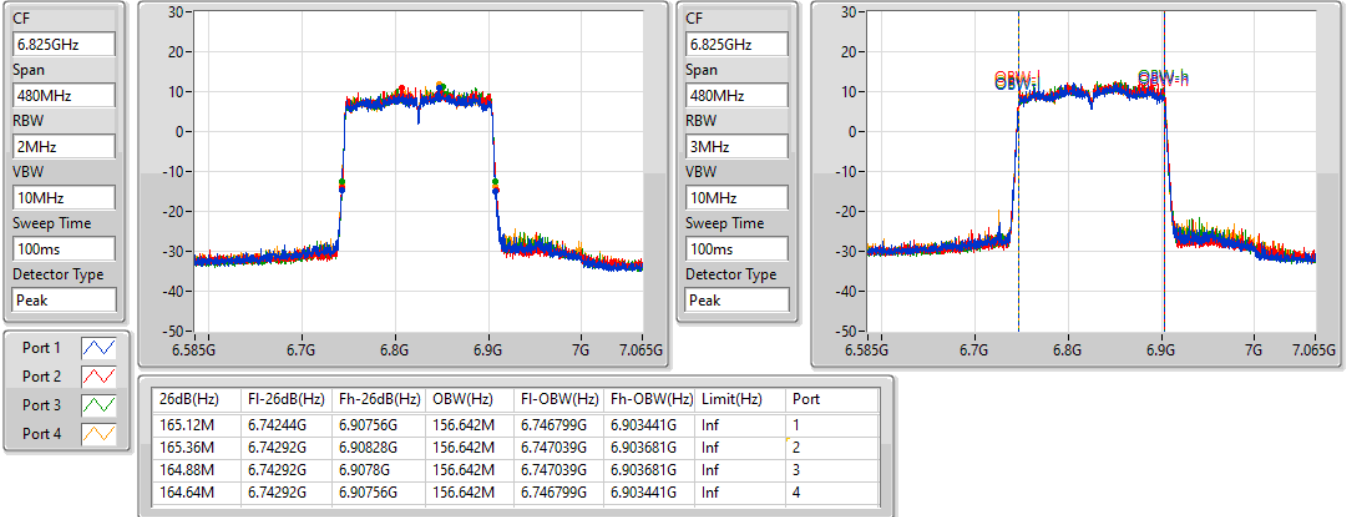

802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6665MHz

14/05/2022

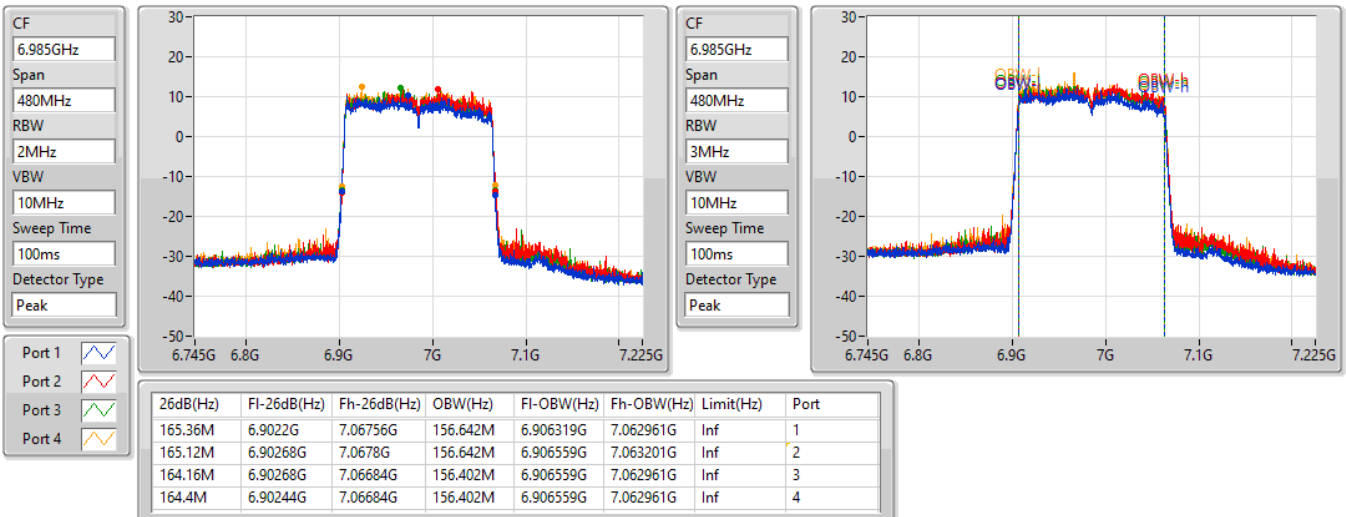


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6825MHz Straddle 6.525-6.875GHz

14/05/2022


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
6985MHz

14/05/2022



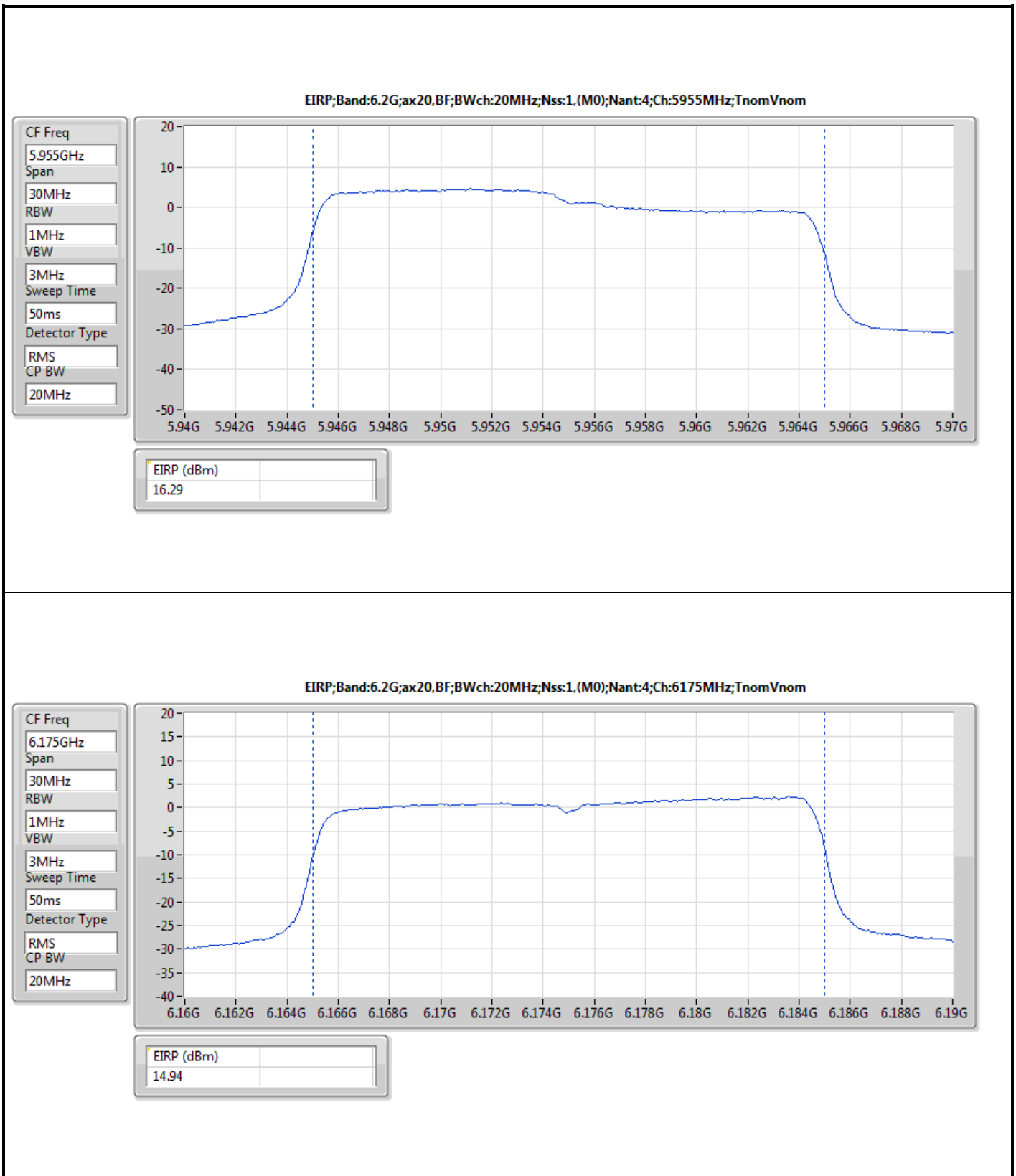
Summary

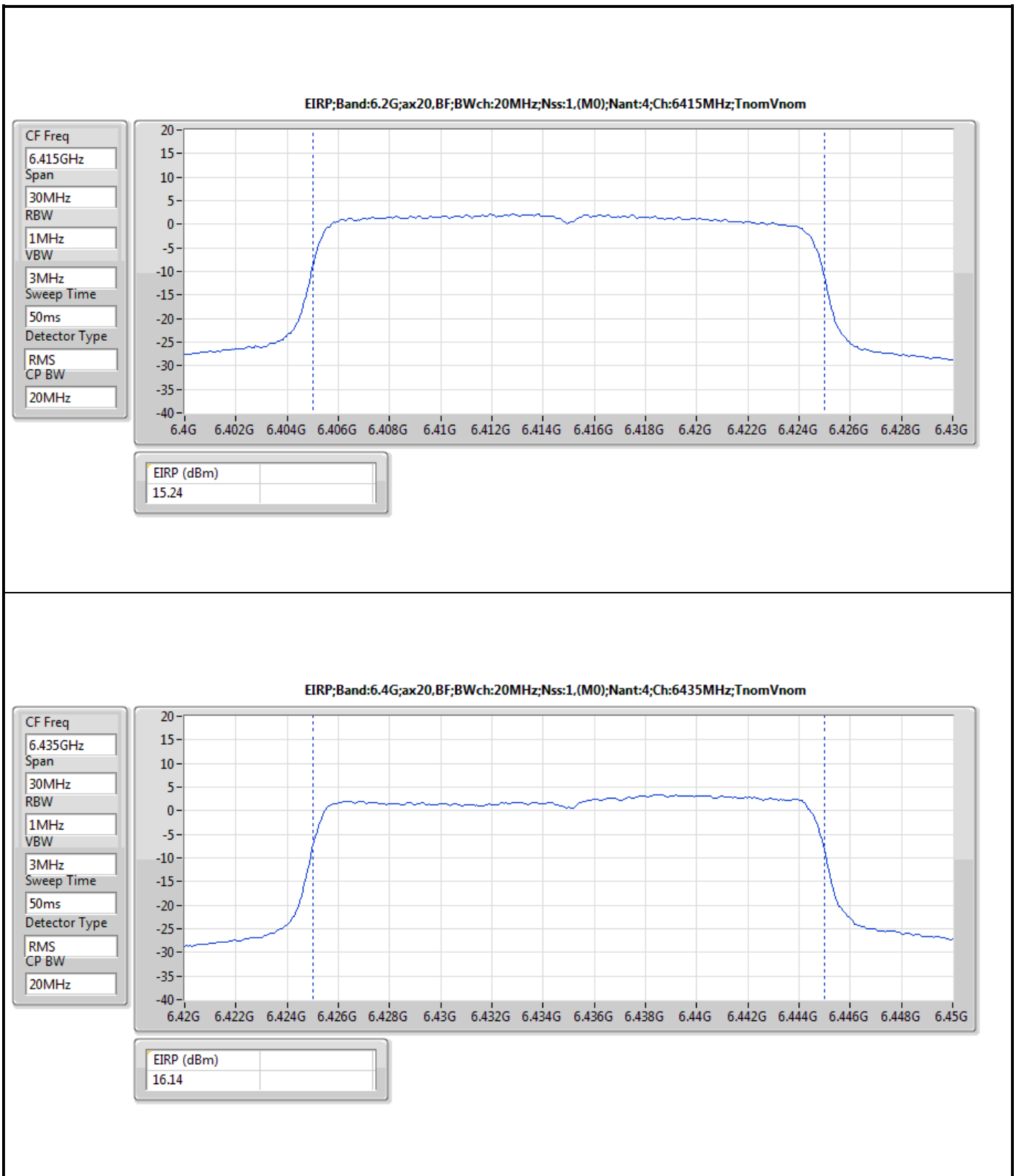
Mode	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.29	0.04256
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.73	0.11830
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.37	0.17258
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	24.85	0.30549
6.425-6.525GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.38	0.05470
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.98	0.12531
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.64	0.18365
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	25.42	0.34834
6.525-6.875GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.98	0.06281
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.34	0.13614
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.68	0.14723
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	24.21	0.26363
6.875-7.125GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.86	0.06109
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.06	0.08054
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.59	0.11455
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.71	0.23496

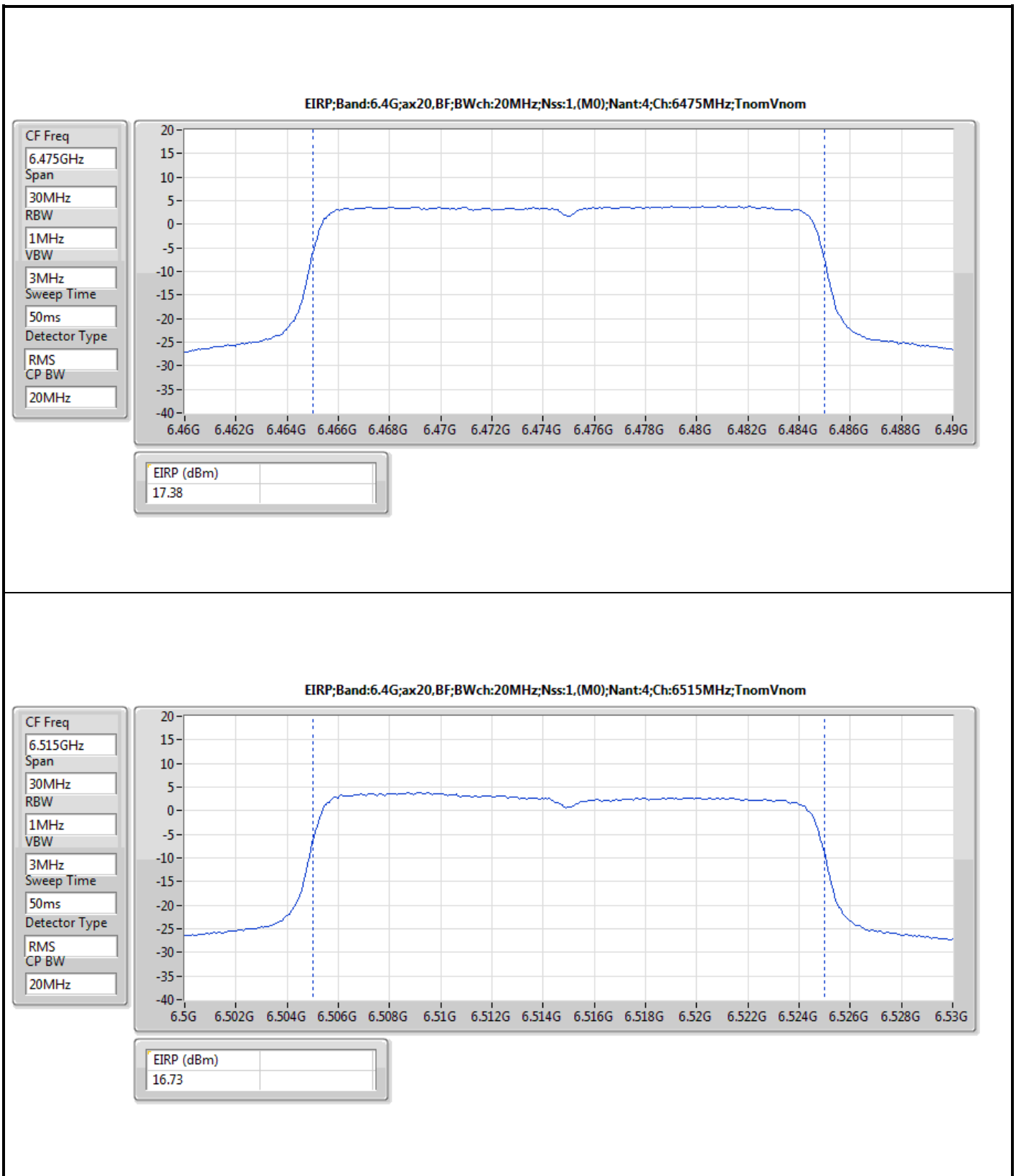
Result

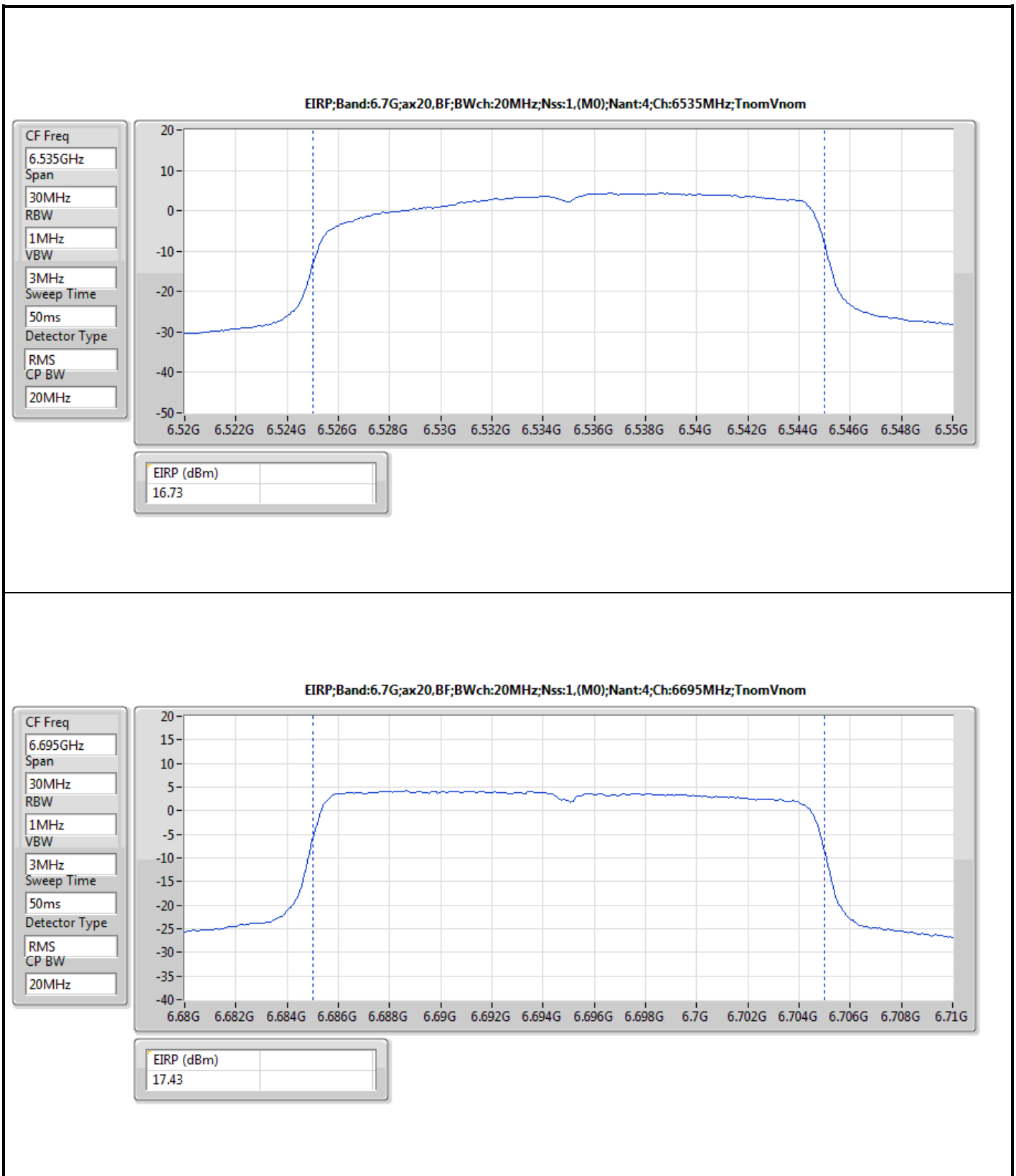
Mode	Result	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	16.29	30.00
6175MHz	Pass	14.94	30.00
6415MHz	Pass	15.24	30.00
6435MHz	Pass	16.14	30.00
6475MHz	Pass	17.38	30.00
6515MHz	Pass	16.73	30.00
6535MHz	Pass	16.73	30.00
6695MHz	Pass	17.43	30.00
6855MHz	Pass	17.45	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	17.98	30.00
6895MHz	Pass	17.86	30.00
6995MHz	Pass	14.71	30.00
7095MHz	Pass	13.66	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	19.59	30.00
6165MHz	Pass	20.73	30.00
6405MHz	Pass	17.76	30.00
6445MHz	Pass	18.43	30.00
6485MHz	Pass	20.98	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	20.58	30.00
6565MHz	Pass	21.34	30.00
6685MHz	Pass	20.17	30.00
6845MHz	Pass	18.54	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	18.97	30.00
6925MHz	Pass	18.47	30.00
7005MHz	Pass	19.06	30.00
7085MHz	Pass	18.91	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	21.18	30.00
6145MHz	Pass	22.37	30.00
6385MHz	Pass	21.13	30.00
6465MHz	Pass	22.28	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	22.64	30.00
6625MHz	Pass	21.15	30.00
6705MHz	Pass	20.88	30.00
6785MHz	Pass	21.68	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	20.76	30.00
6945MHz	Pass	20.43	30.00
7025MHz	Pass	20.59	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	24.67	30.00
6185MHz	Pass	24.85	30.00
6345MHz	Pass	24.60	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	25.42	30.00
6665MHz	Pass	24.21	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	23.89	30.00
6985MHz	Pass	23.71	30.00

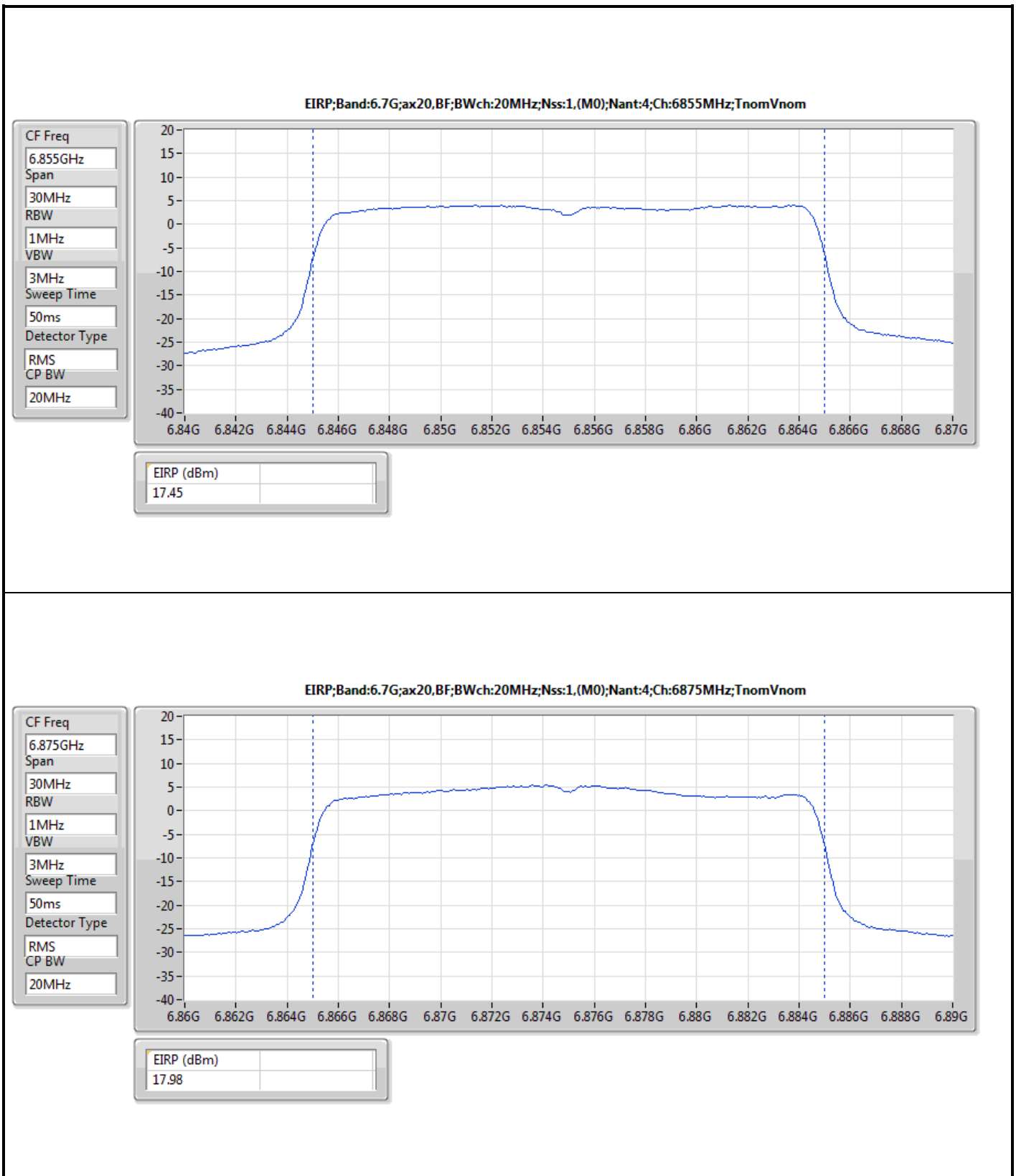
DG = Directional Gain; Port X = Port X output power

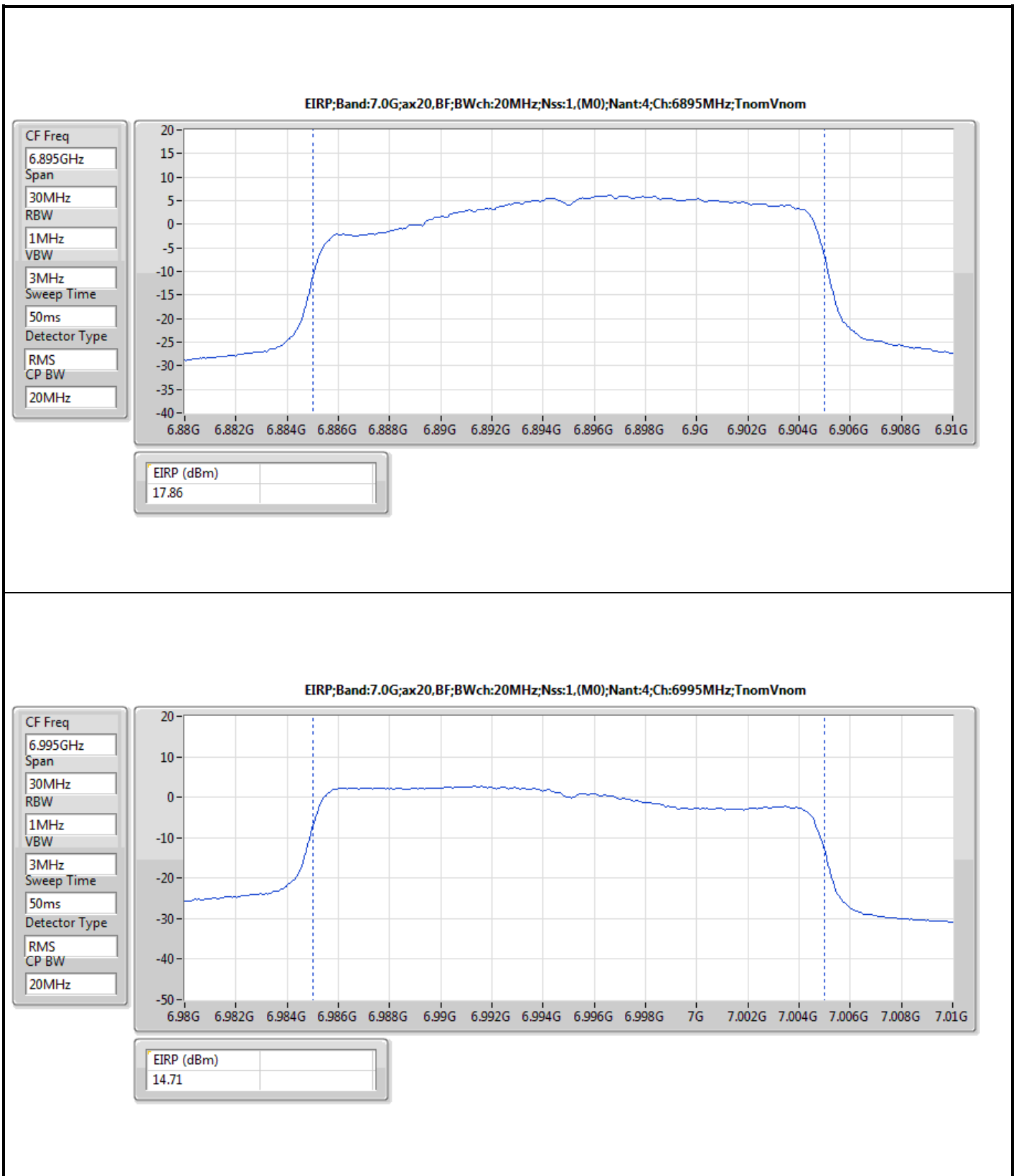


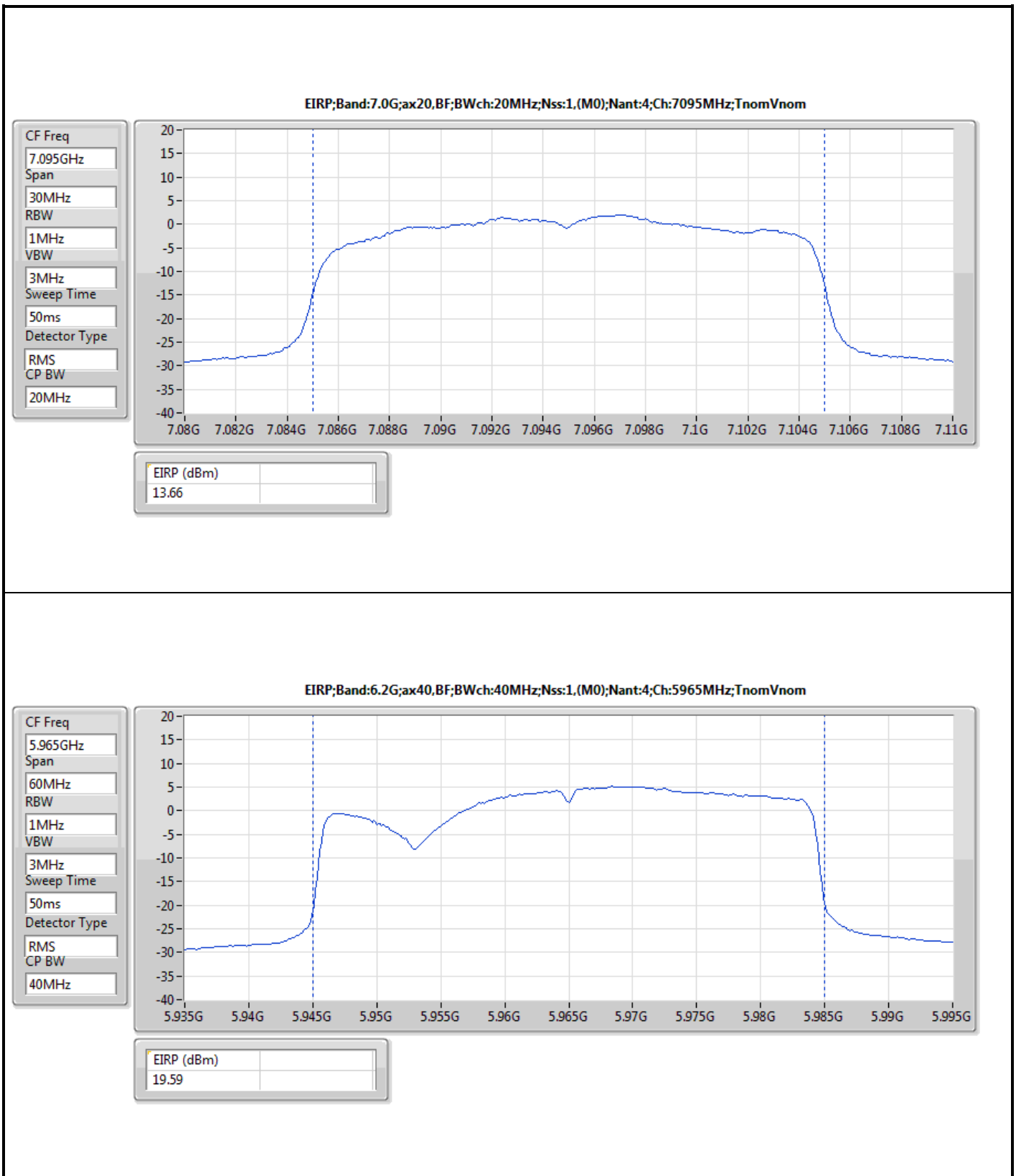


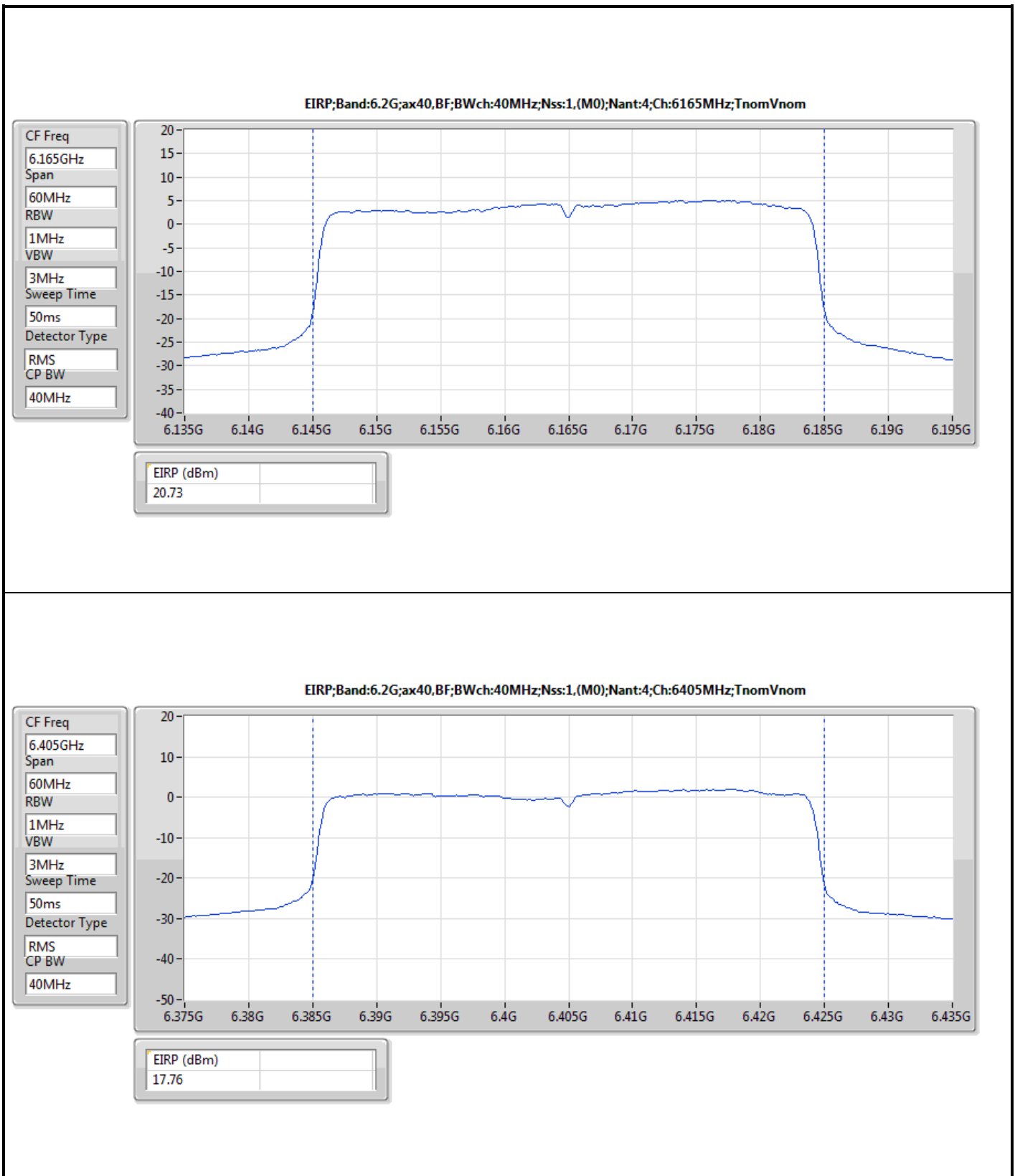


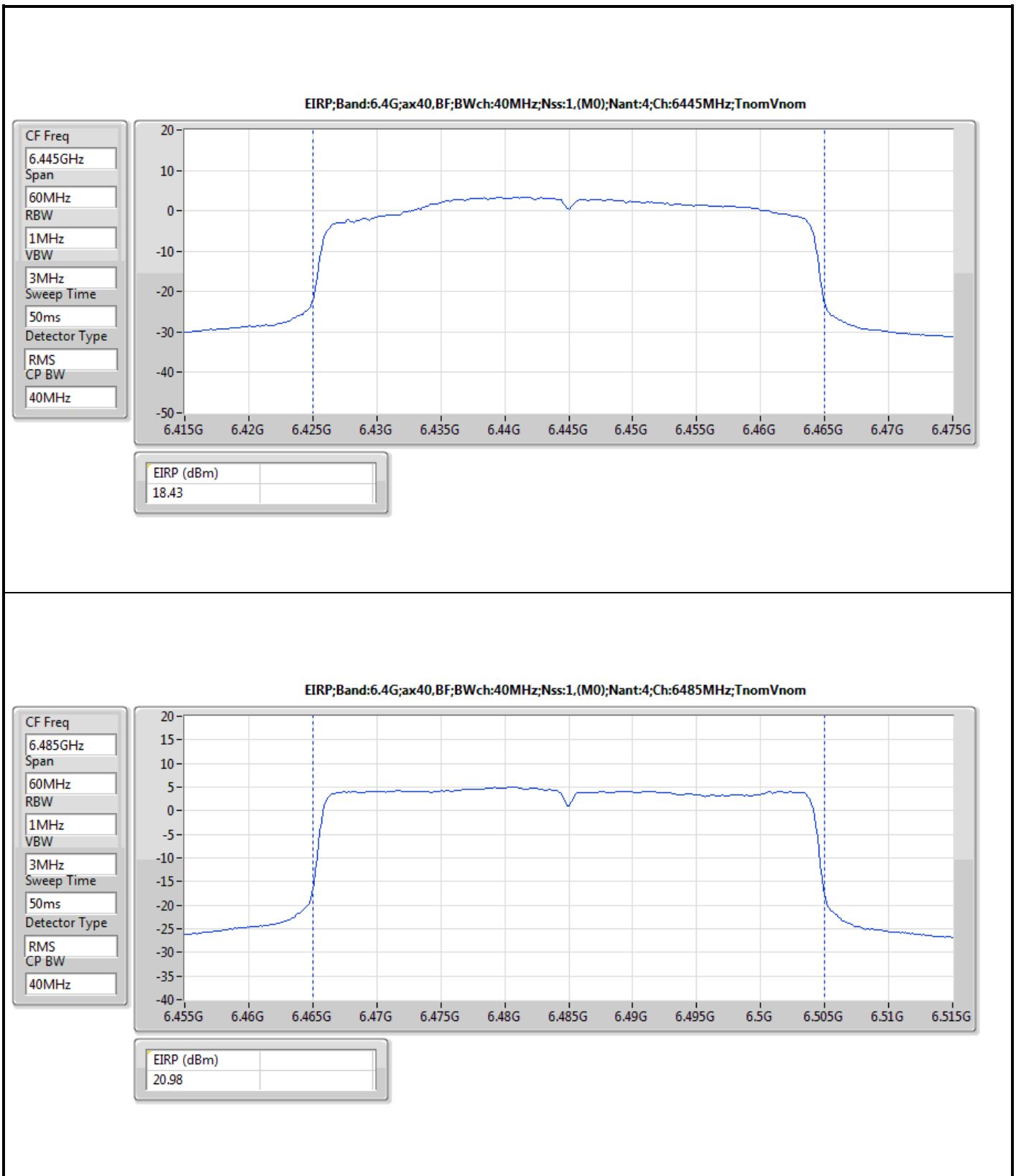


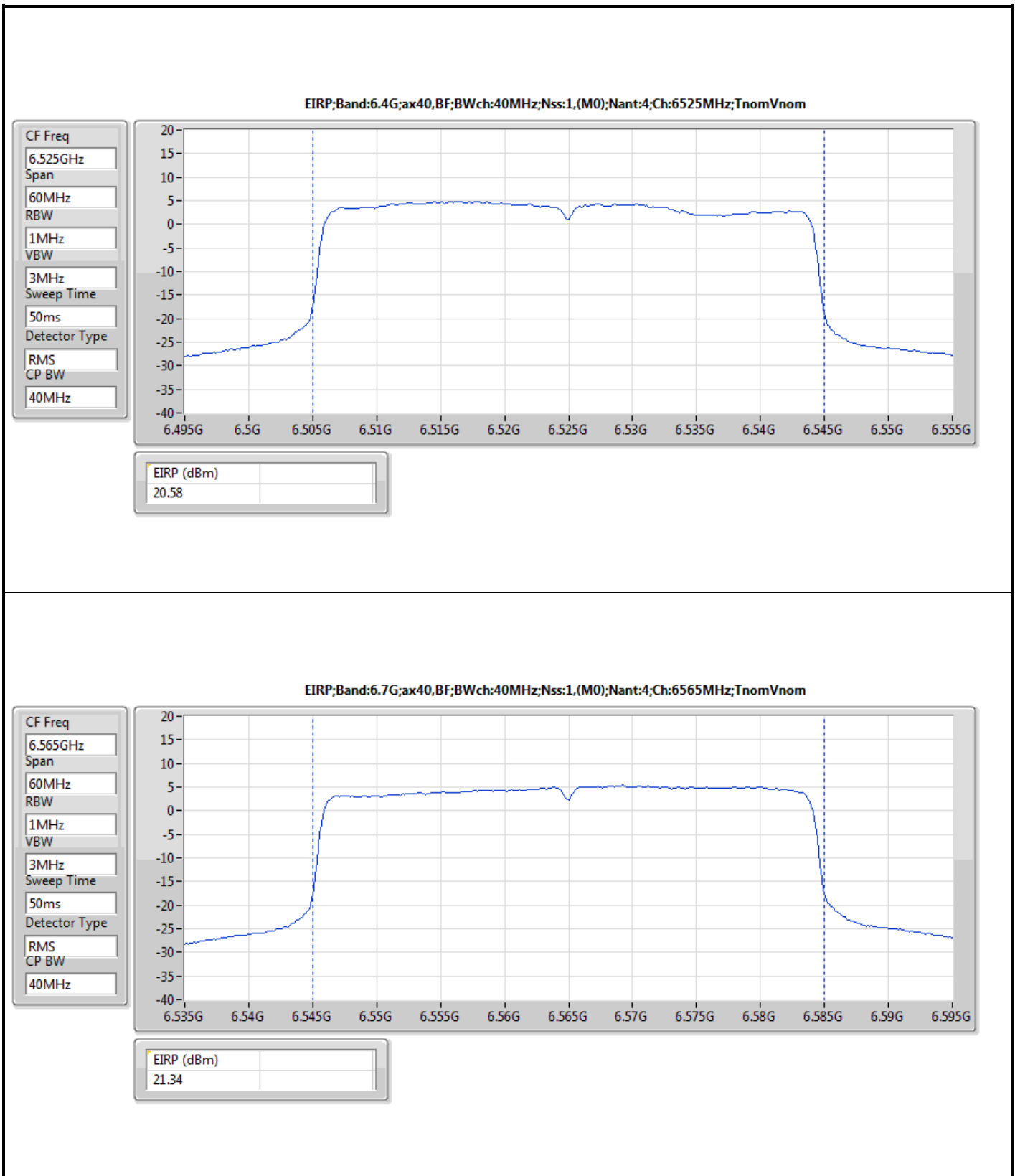






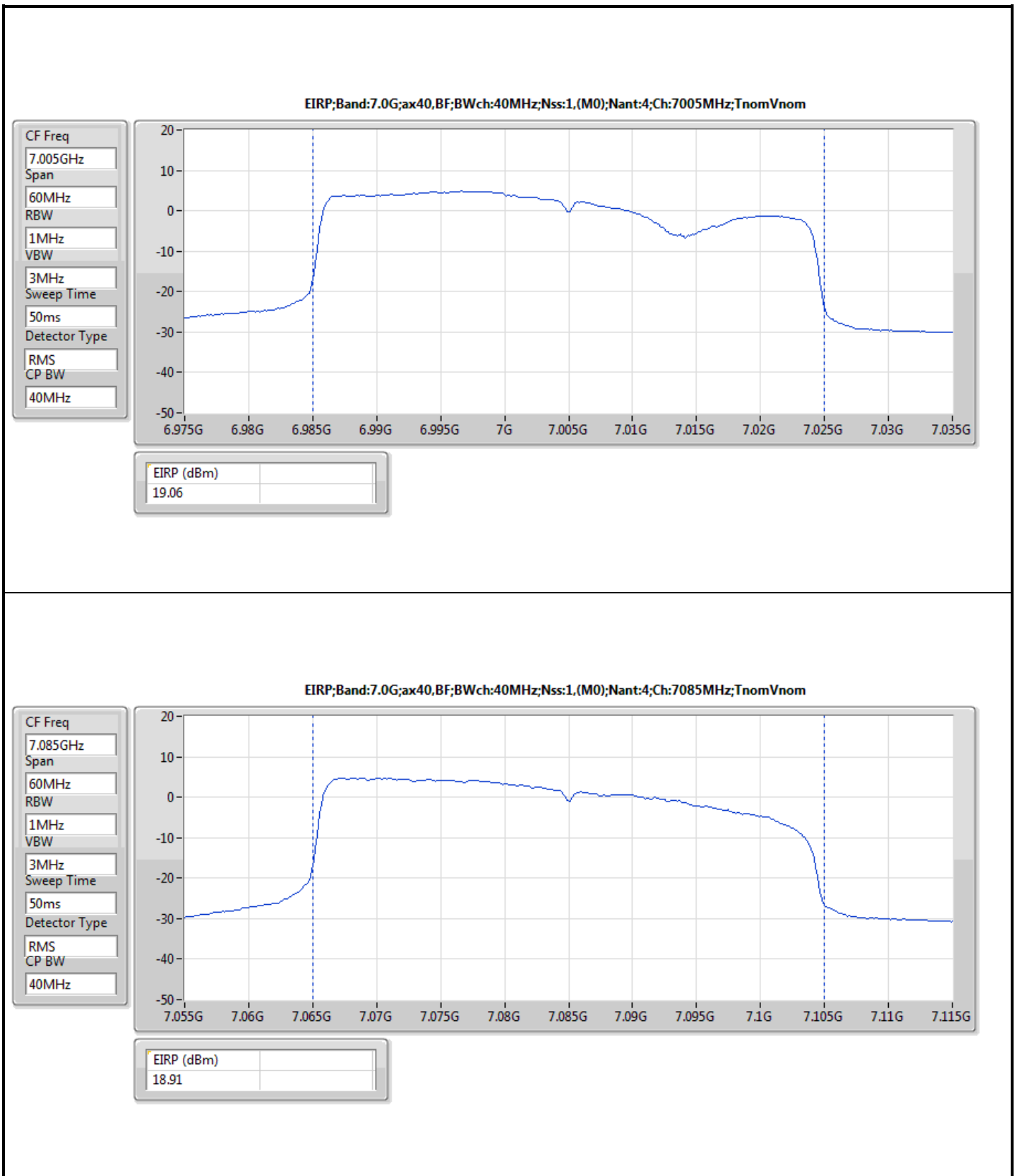




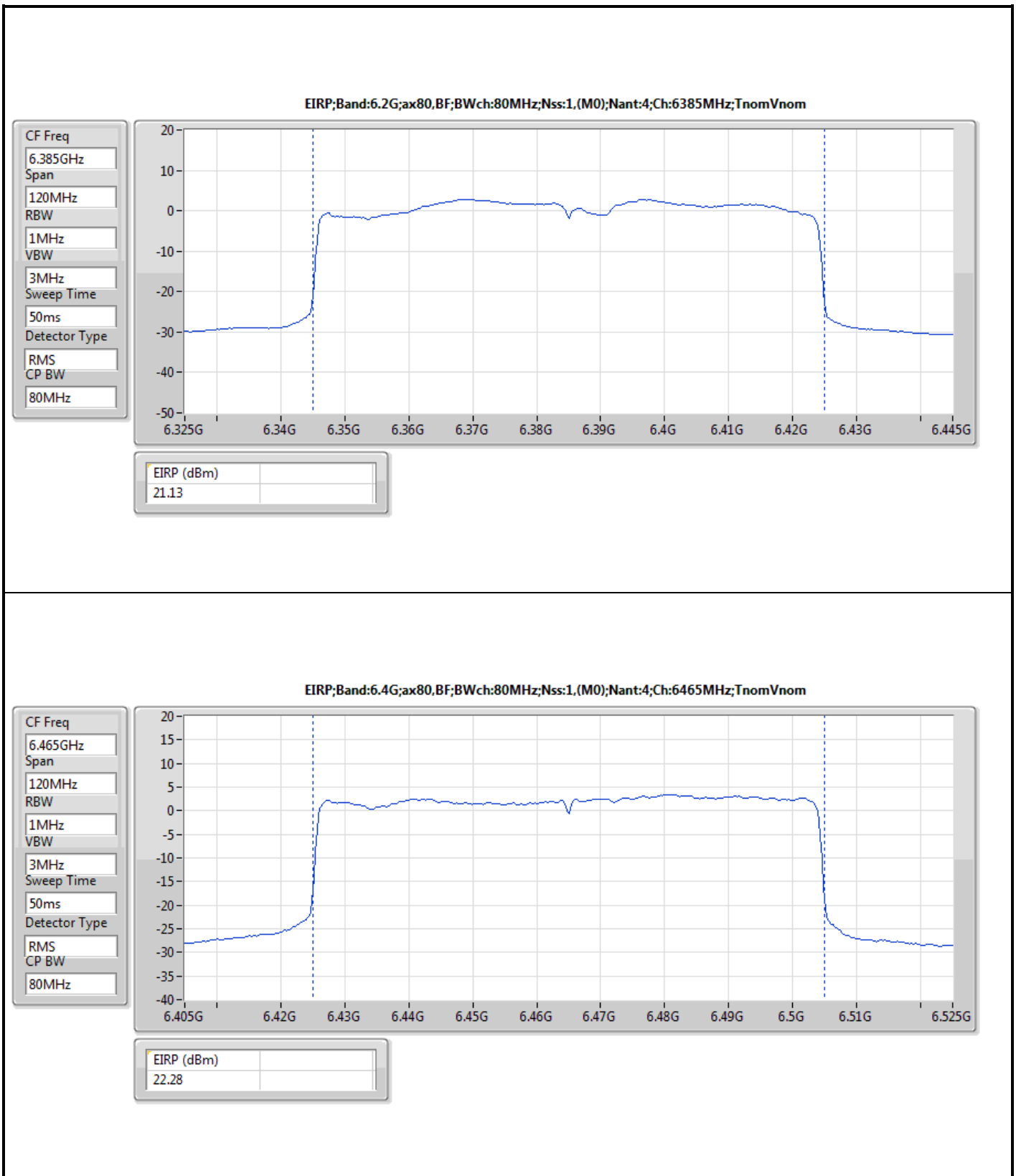


























Summary

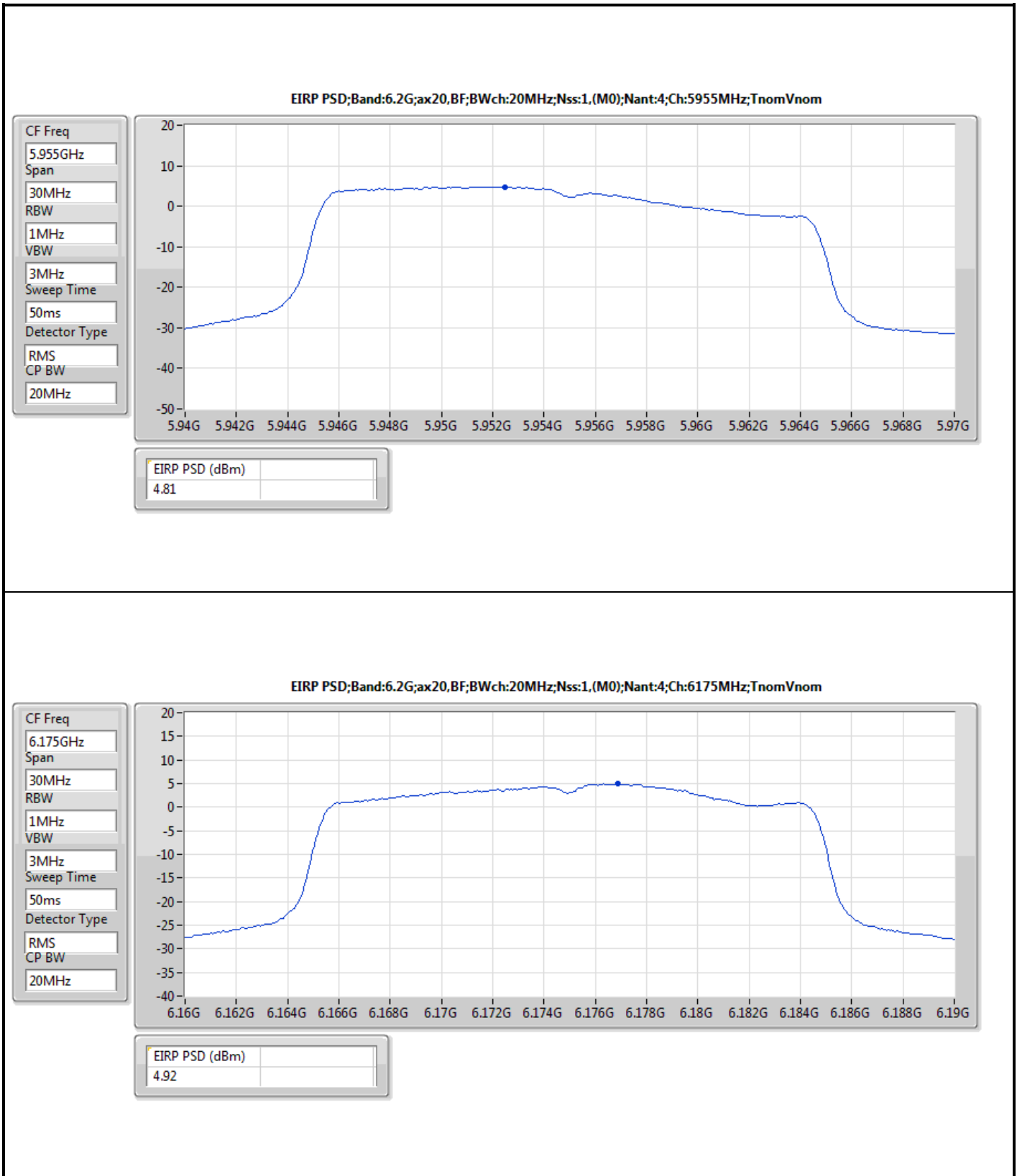
Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.92
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.94
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.86
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.82
6.425-6.525GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.96
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.94
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.97
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.96
6.525-6.875GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.99
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.88
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.94
6.875-7.125GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.75
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.91

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

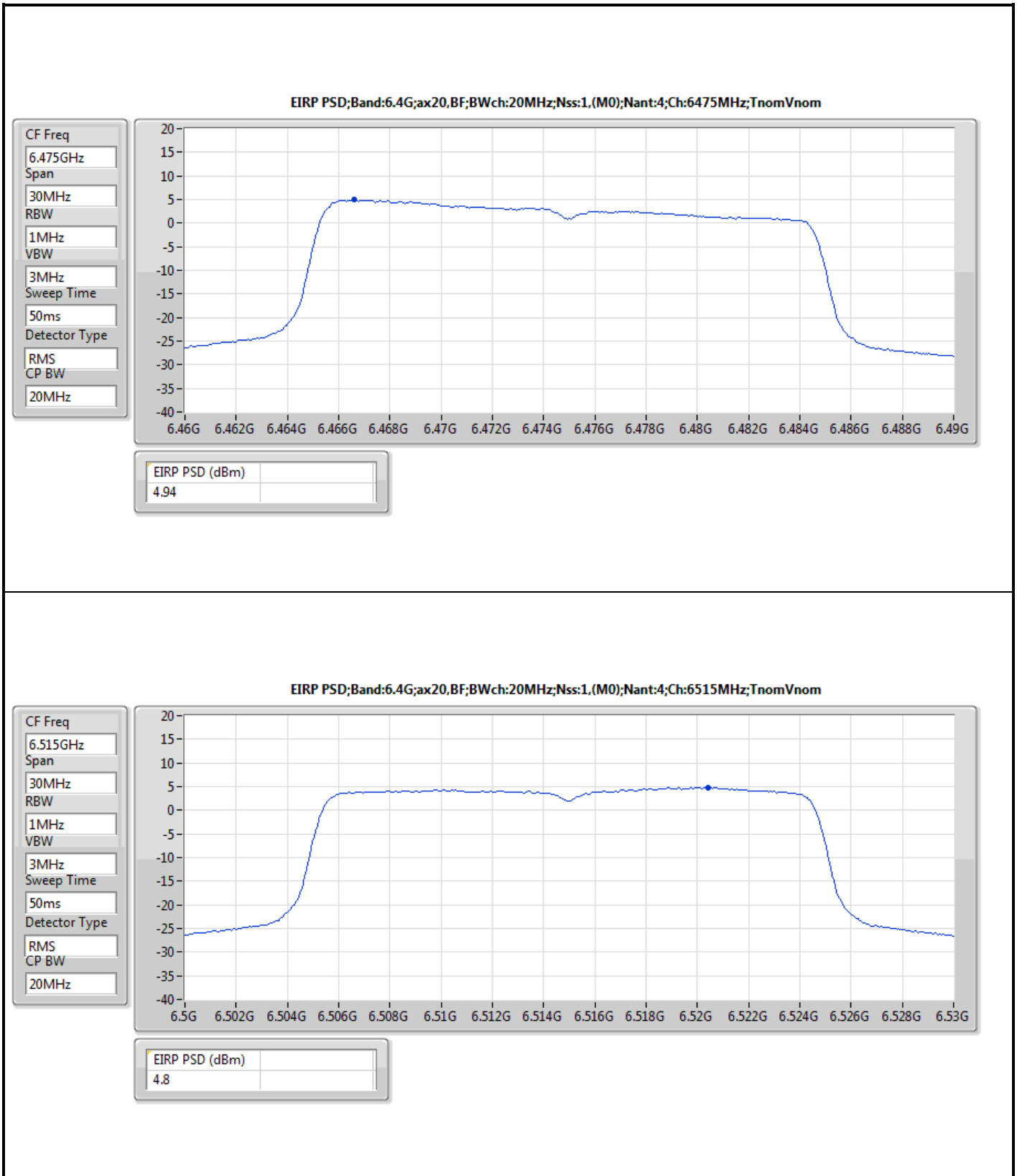
Result

Mode	Result	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
5955MHz	Pass	4.81	5.00
6175MHz	Pass	4.92	5.00
6415MHz	Pass	4.89	5.00
6435MHz	Pass	4.96	5.00
6475MHz	Pass	4.94	5.00
6515MHz	Pass	4.80	5.00
6535MHz	Pass	4.80	5.00
6695MHz	Pass	4.71	5.00
6855MHz	Pass	4.82	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.79	5.00
6895MHz	Pass	4.92	5.00
6995MHz	Pass	4.96	5.00
7095MHz	Pass	4.99	5.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
5965MHz	Pass	4.86	5.00
6165MHz	Pass	4.86	5.00
6405MHz	Pass	4.94	5.00
6445MHz	Pass	4.94	5.00
6485MHz	Pass	4.89	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.80	5.00
6565MHz	Pass	4.72	5.00
6685MHz	Pass	4.97	5.00
6845MHz	Pass	4.89	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.99	5.00
6925MHz	Pass	4.98	5.00
7005MHz	Pass	4.96	5.00
7085MHz	Pass	4.87	5.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
5985MHz	Pass	4.82	5.00
6145MHz	Pass	4.75	5.00
6385MHz	Pass	4.86	5.00
6465MHz	Pass	4.97	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.74	5.00
6625MHz	Pass	4.80	5.00
6705MHz	Pass	4.81	5.00
6785MHz	Pass	4.83	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.88	5.00
6945MHz	Pass	4.75	5.00
7025MHz	Pass	4.74	5.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-
6025MHz	Pass	4.82	5.00
6185MHz	Pass	4.75	5.00
6345MHz	Pass	4.79	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.96	5.00
6665MHz	Pass	4.94	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.79	5.00
6985MHz	Pass	4.91	5.00

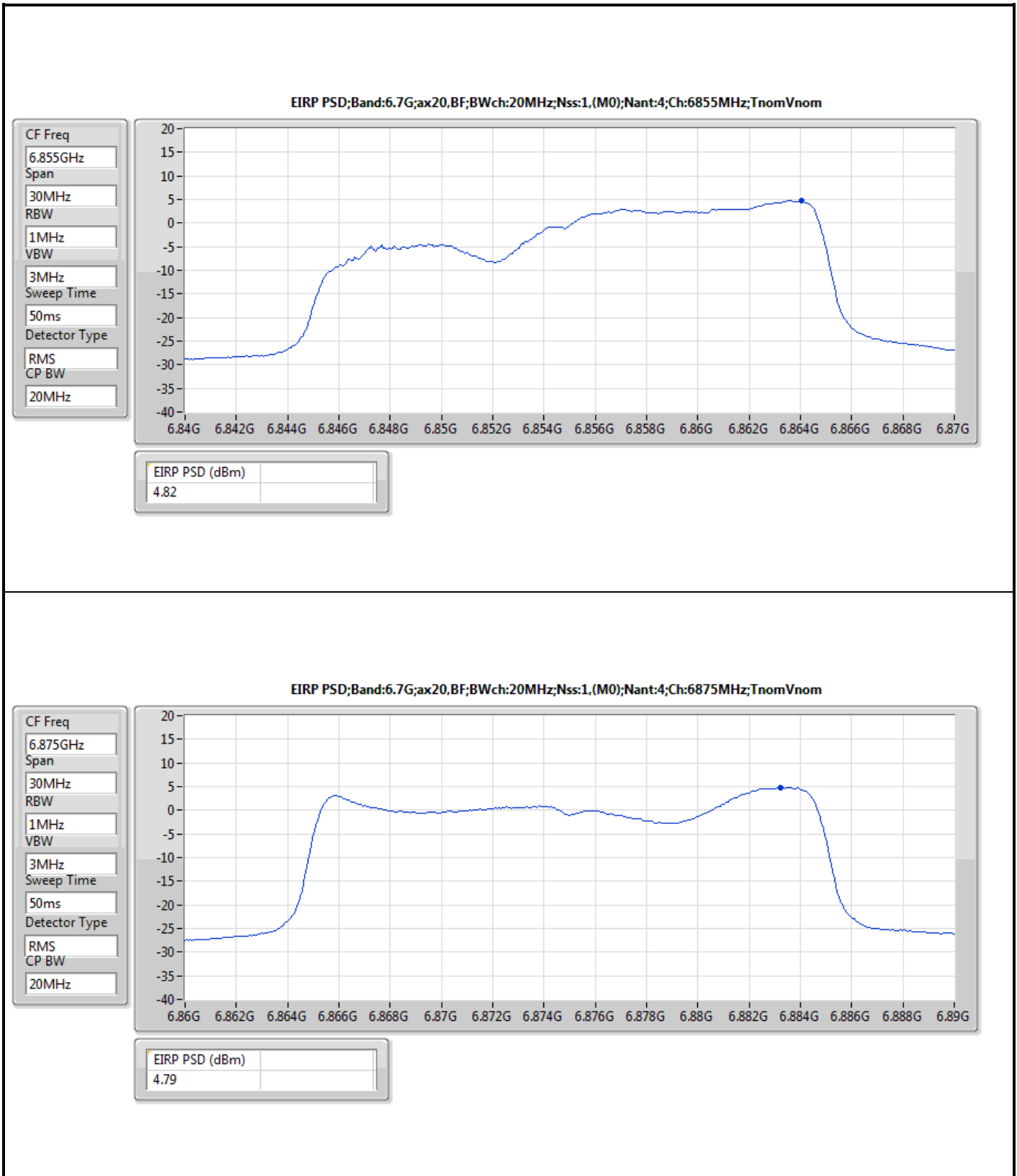
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

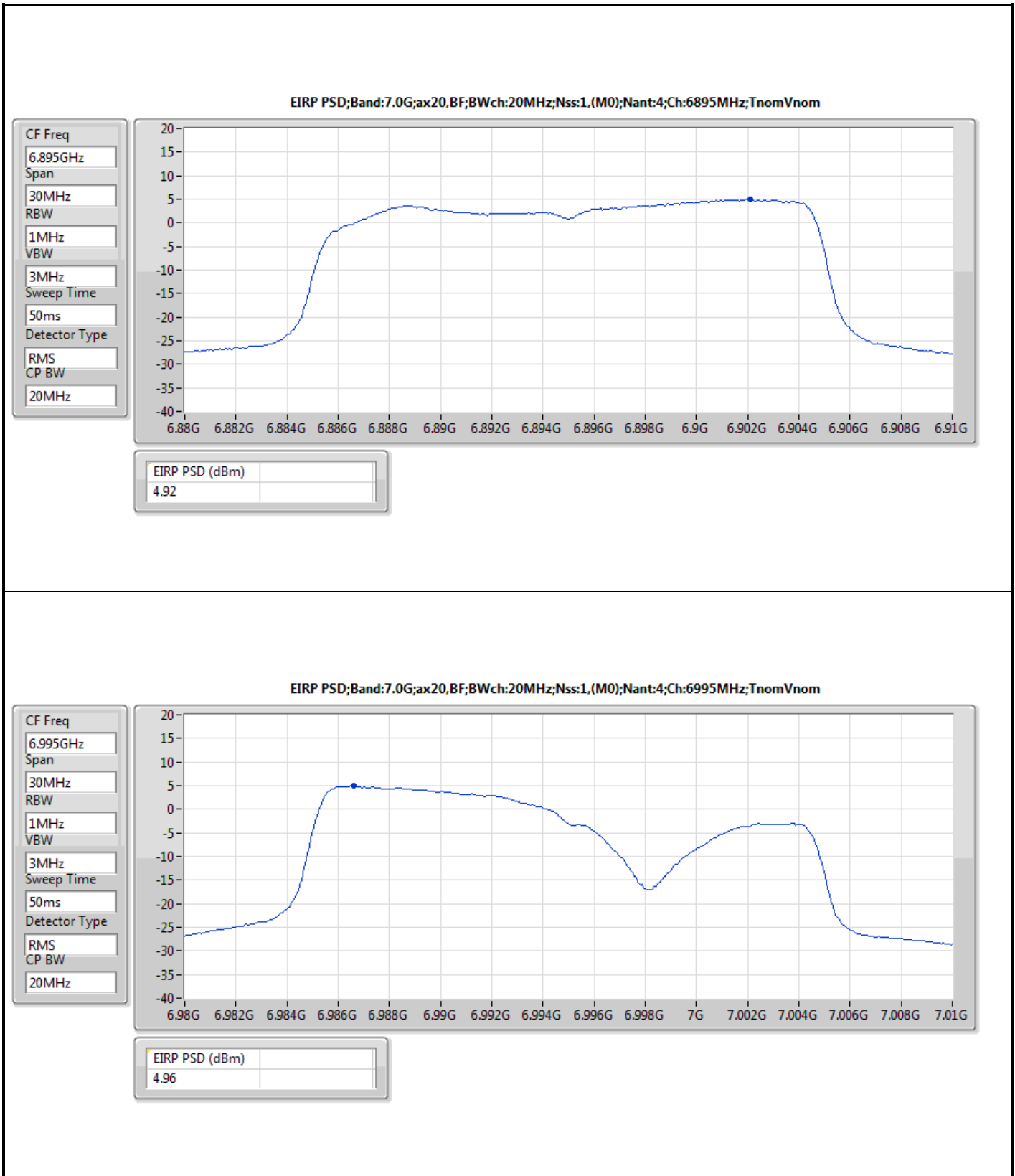






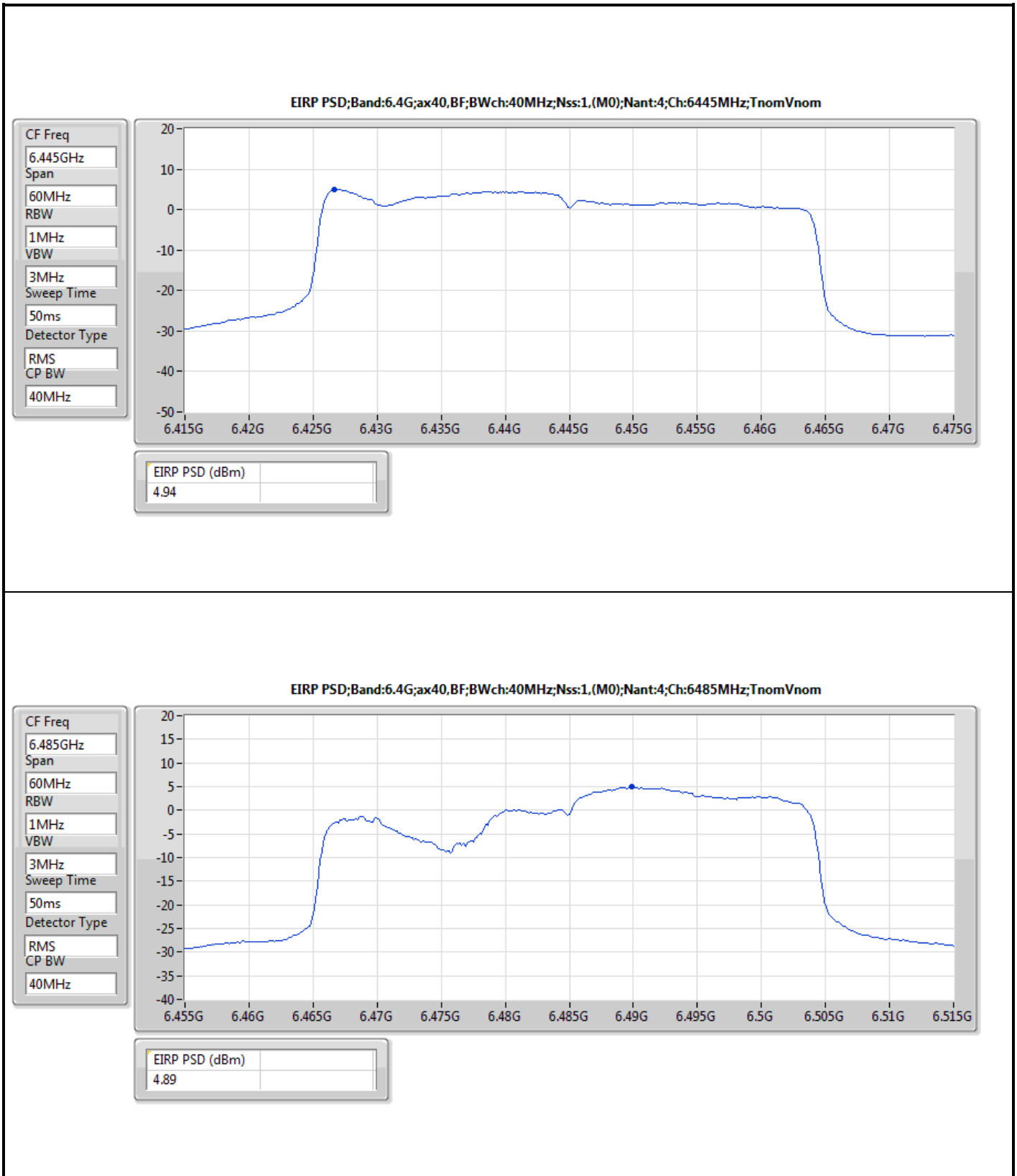


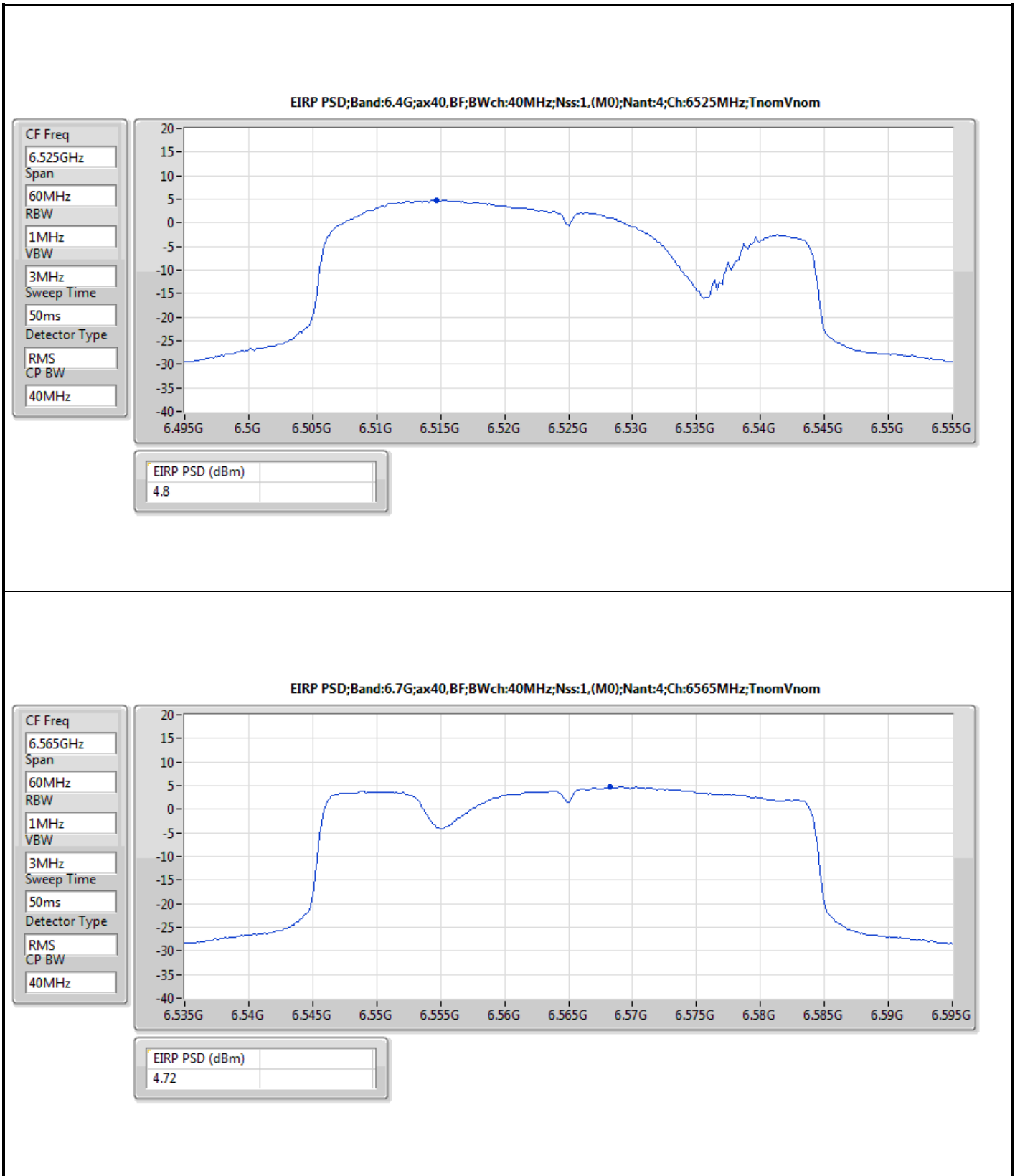


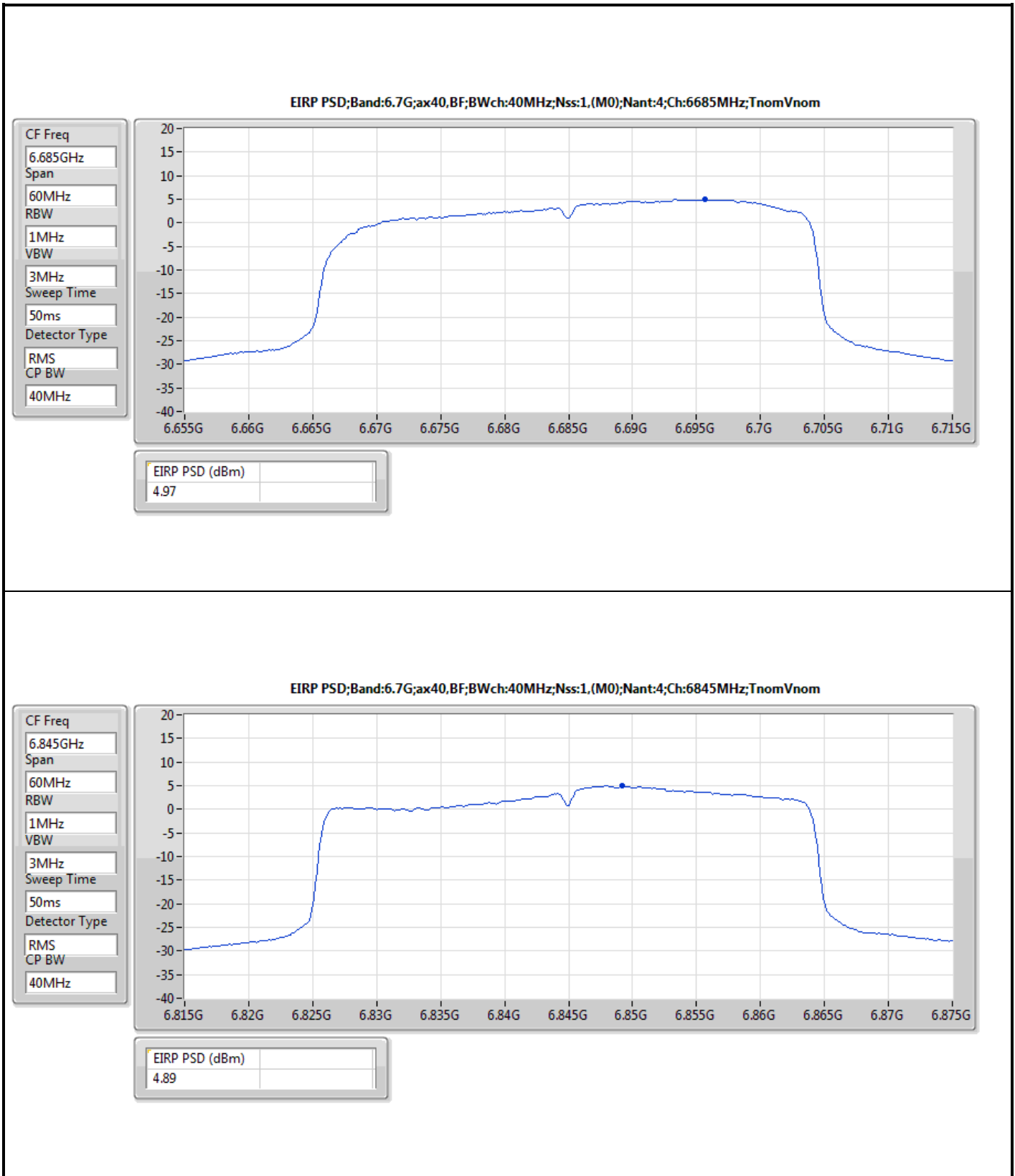


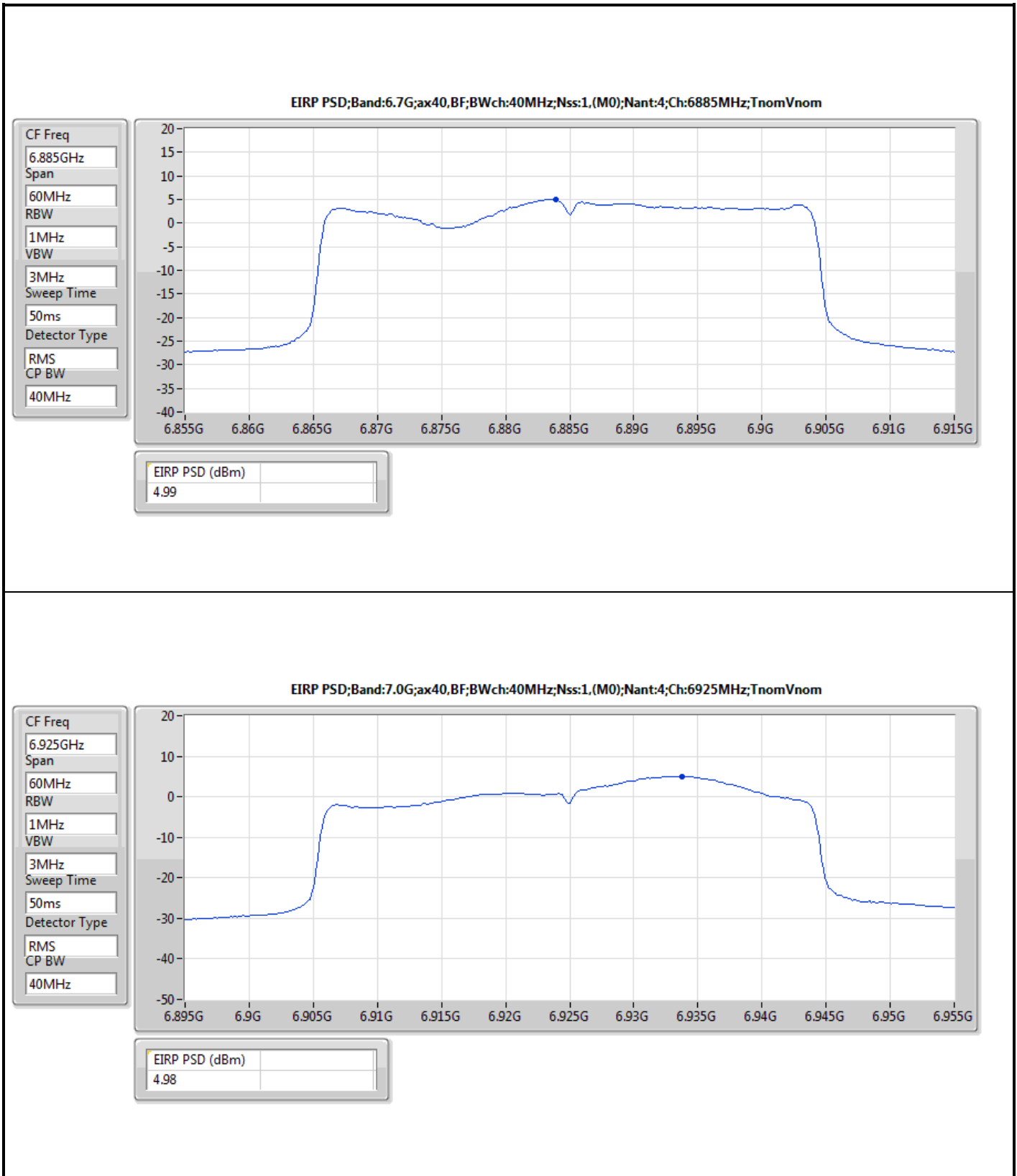


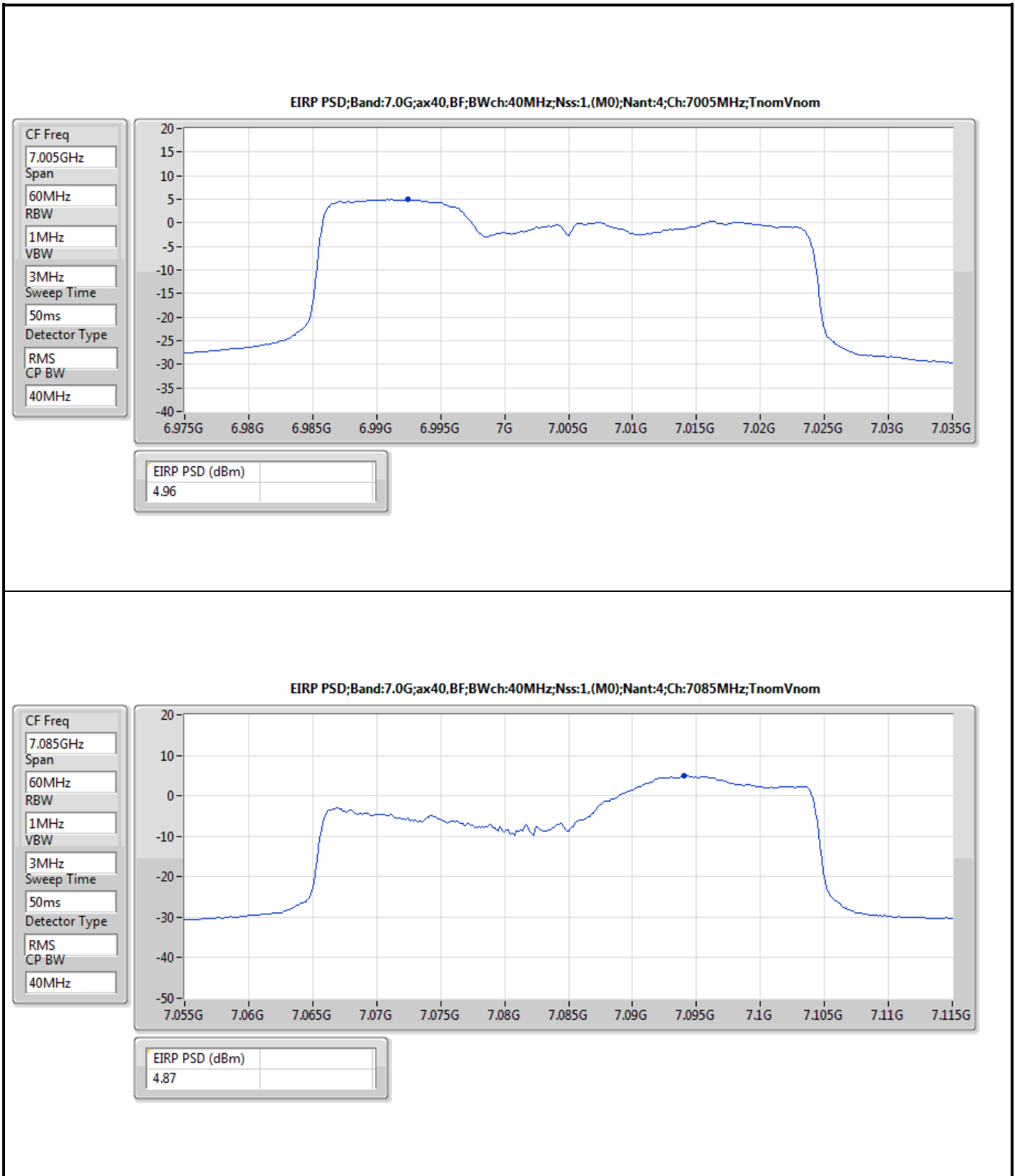


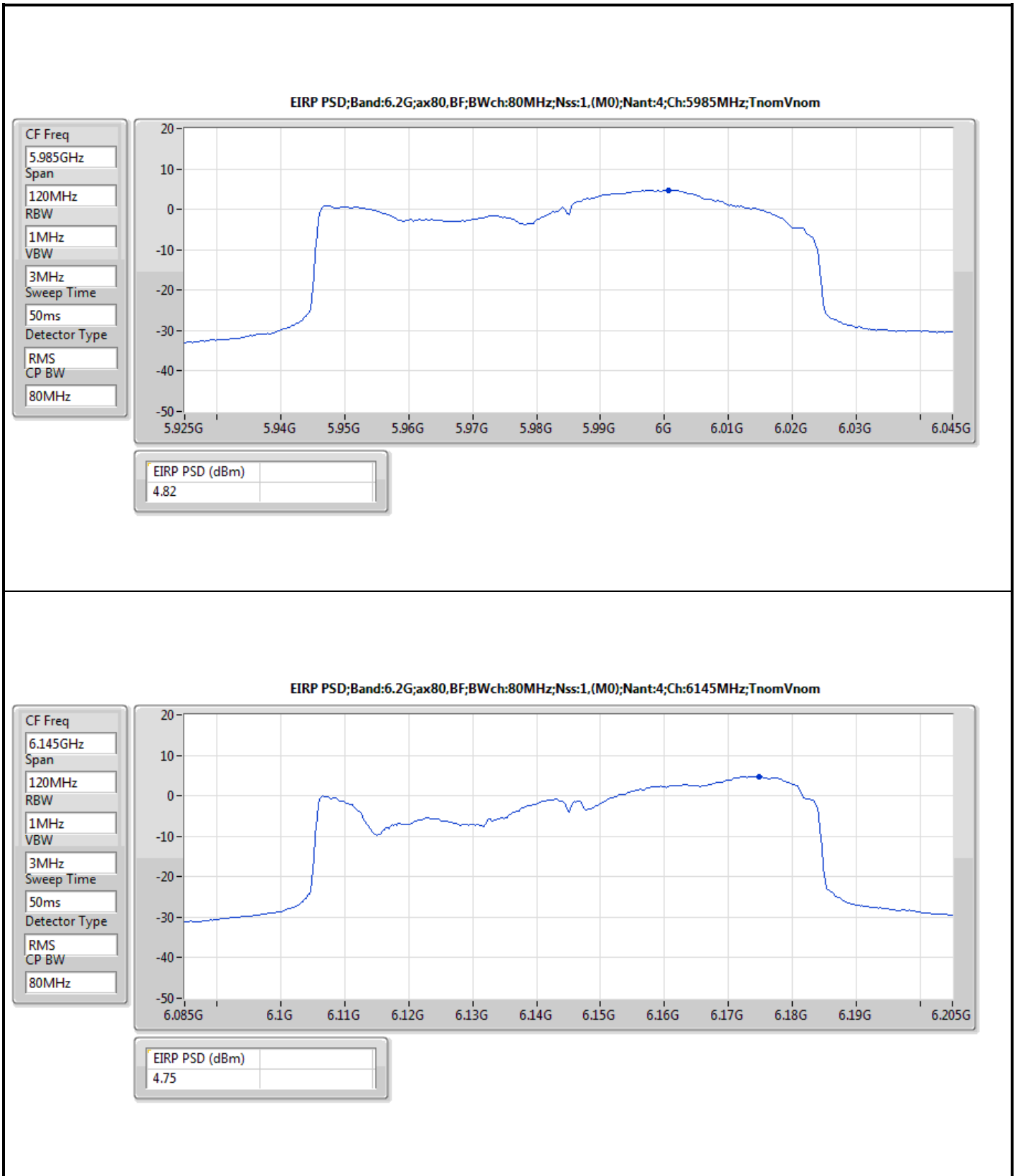




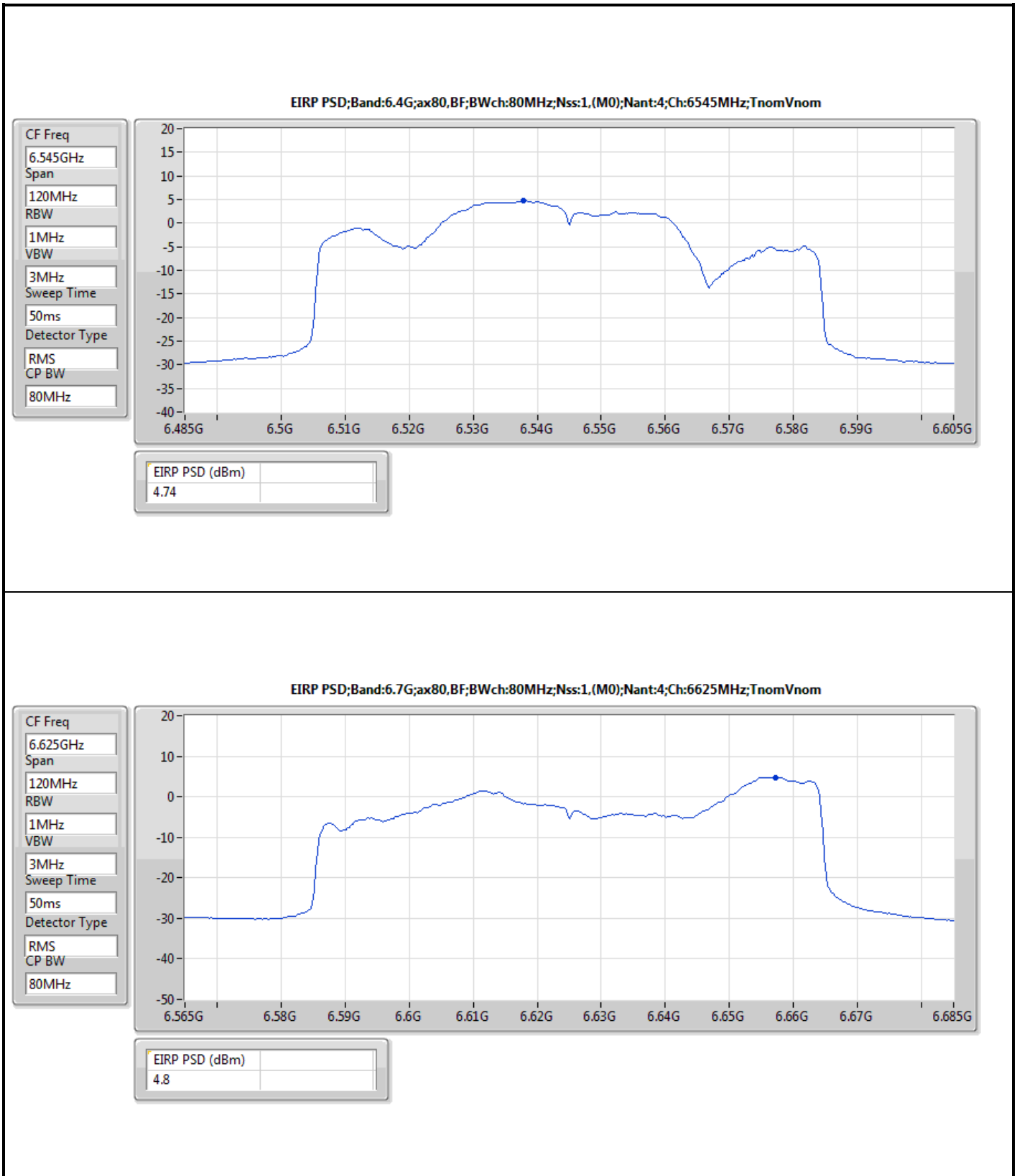


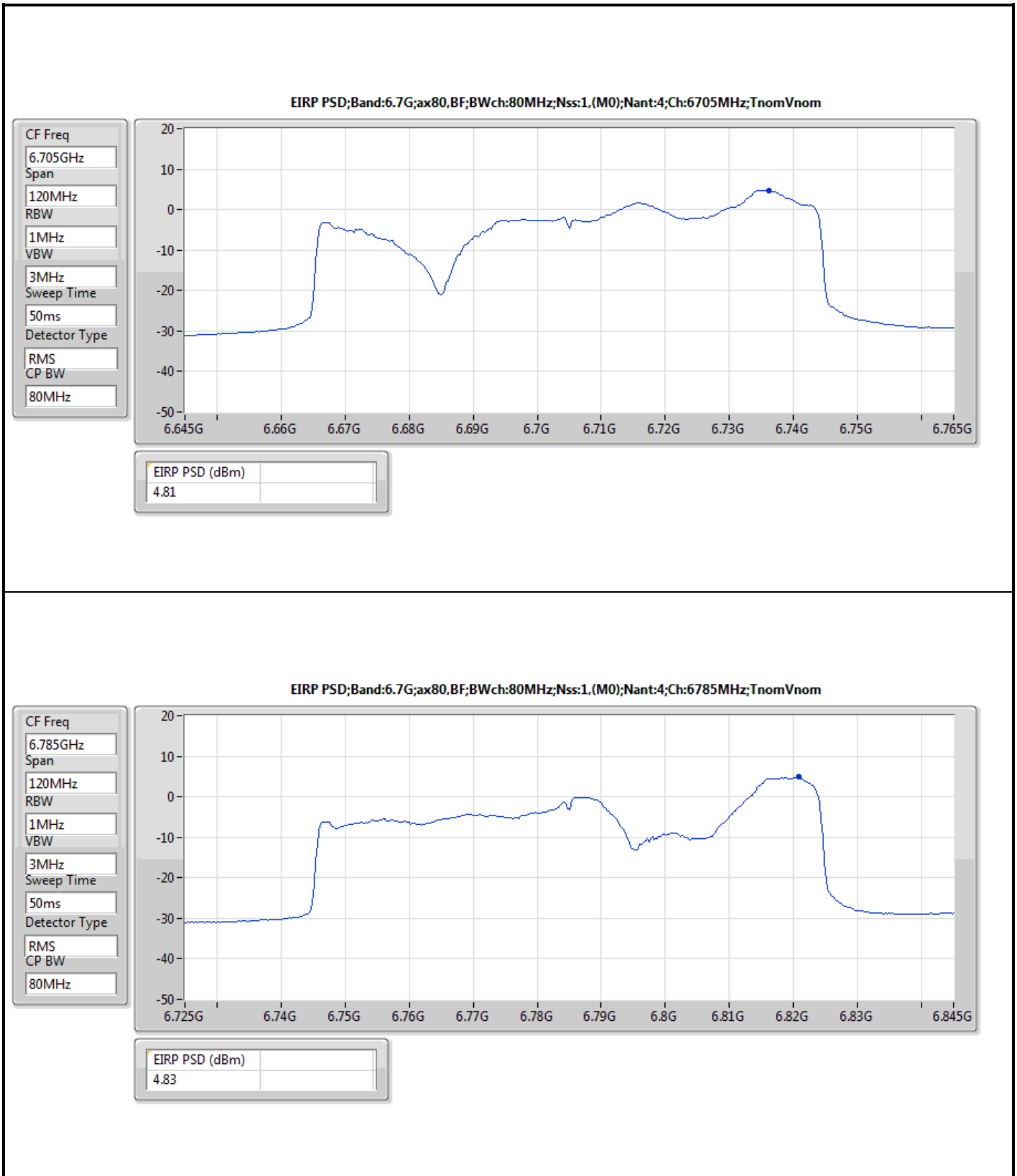


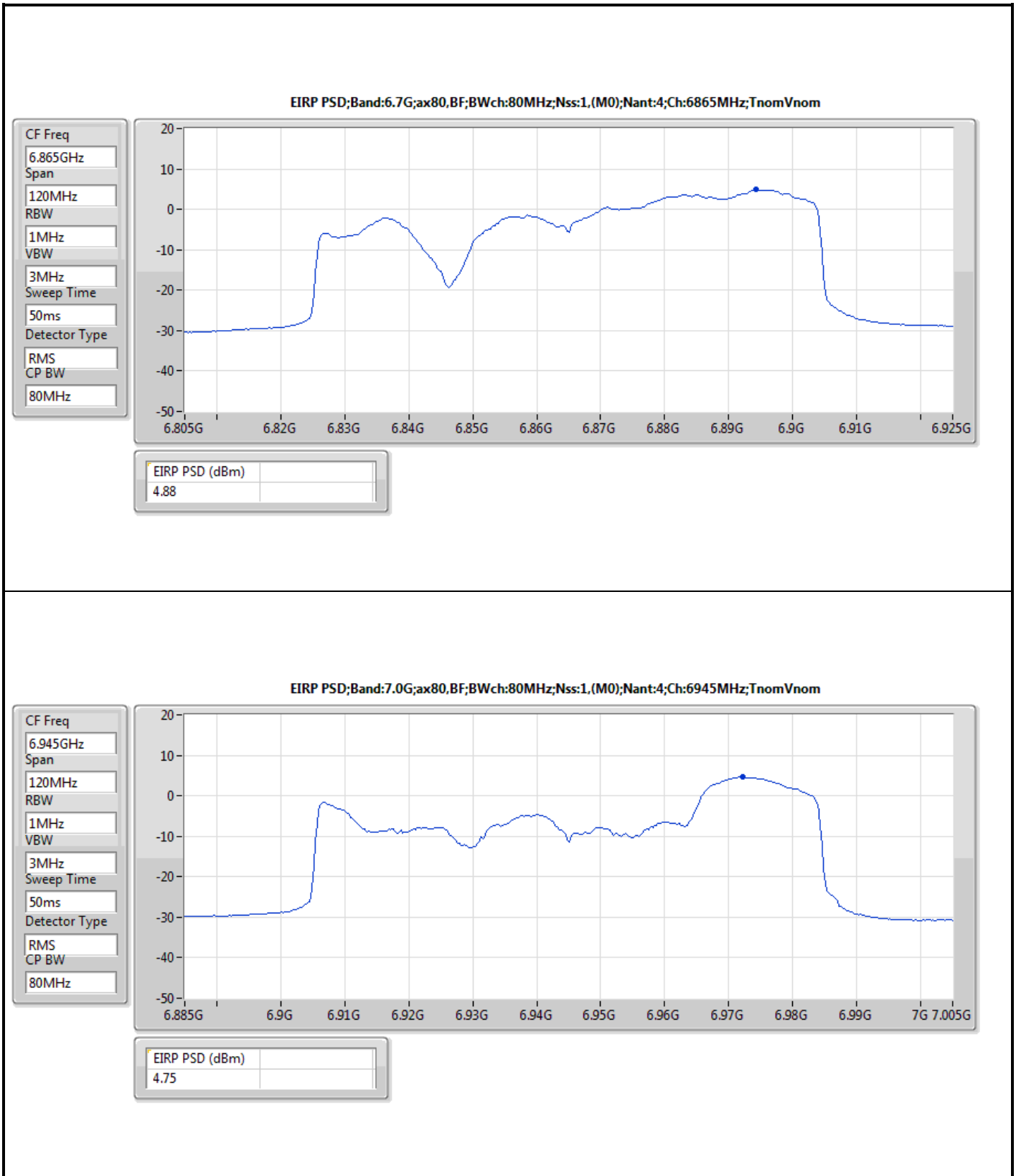






















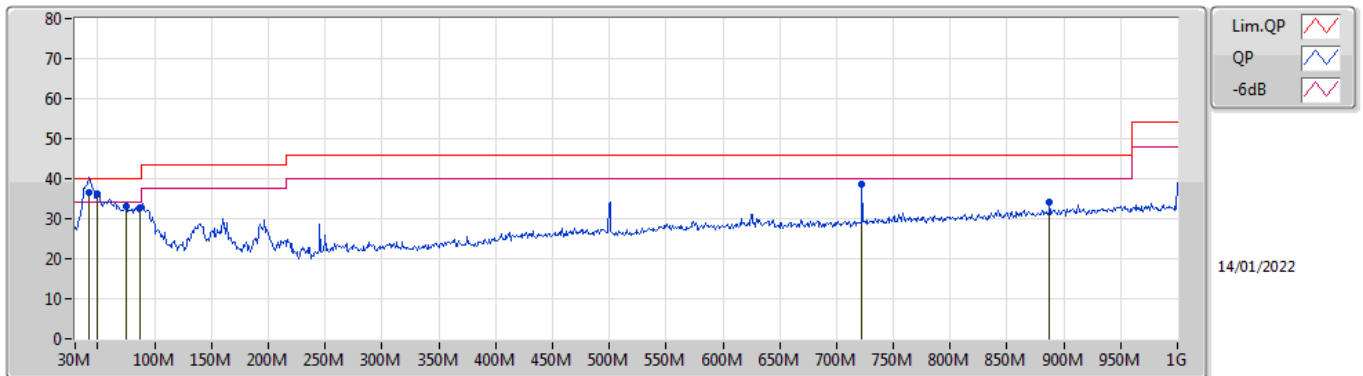
Radiated Emissions below 1GHz

Appendix E.1

Summary

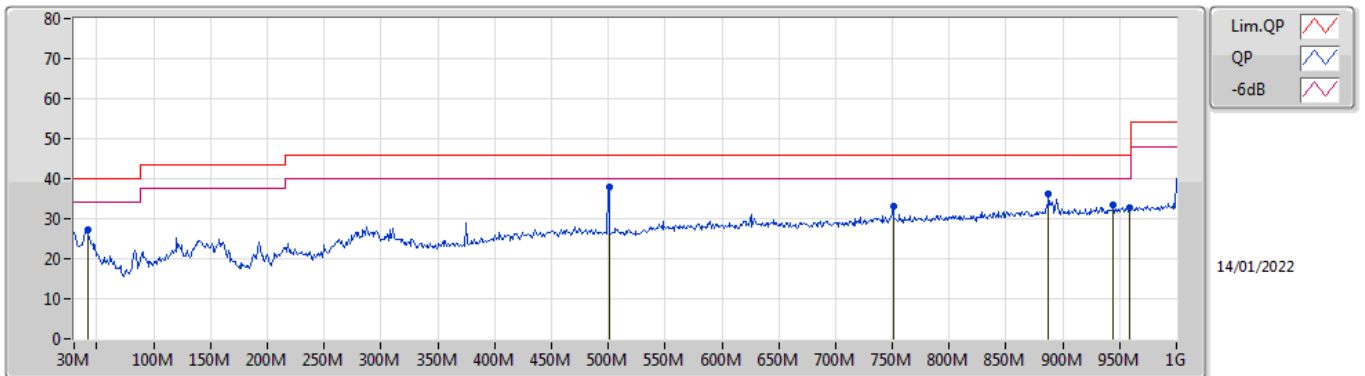
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	41.64M	36.57	40.00	-3.43	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	41.64M	36.57	40.00	-3.43	-12.93	3	Vertical	105	1.00	"Worst"	49.50	17.82	0.93	31.68
PK	49.4M	36.14	40.00	-3.86	-16.53	3	Vertical	53	1.00	-	52.67	14.14	1.09	31.76
PK	74.62M	32.96	40.00	-7.04	-18.38	3	Vertical	195	2.00	-	51.34	12.22	1.30	31.90
PK	87.23M	32.92	40.00	-7.08	-16.42	3	Vertical	73	1.50	-	49.34	14.05	1.44	31.91
PK	722.58M	38.78	46.00	-7.22	-3.33	3	Vertical	221	1.50	-	42.11	24.76	4.59	32.68
PK	887.48M	34.28	46.00	-11.72	-1.21	3	Vertical	295	1.50	-	35.49	26.19	5.25	32.65

Mode 2



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	41.64M	27.40	40.00	-12.60	-12.93	3	Horizontal	119	2.00	-	40.33	17.82	0.93	31.68
PK	500.45M	38.06	46.00	-7.94	-5.55	3	Horizontal	159	1.00	"Worst"	43.61	23.18	3.60	32.33
PK	750.71M	33.09	46.00	-12.91	-2.82	3	Horizontal	149	1.25	-	35.91	25.19	4.70	32.71
PK	887.48M	36.15	46.00	-9.85	-1.21	3	Horizontal	1	1.25	-	37.36	26.19	5.25	32.65
PK	944.71M	33.43	46.00	-12.57	-0.63	3	Horizontal	12	1.00	-	34.06	26.38	5.57	32.58
PK	958.29M	32.89	46.00	-13.11	-0.40	3	Horizontal	247	1.00	-	33.29	26.57	5.60	32.57

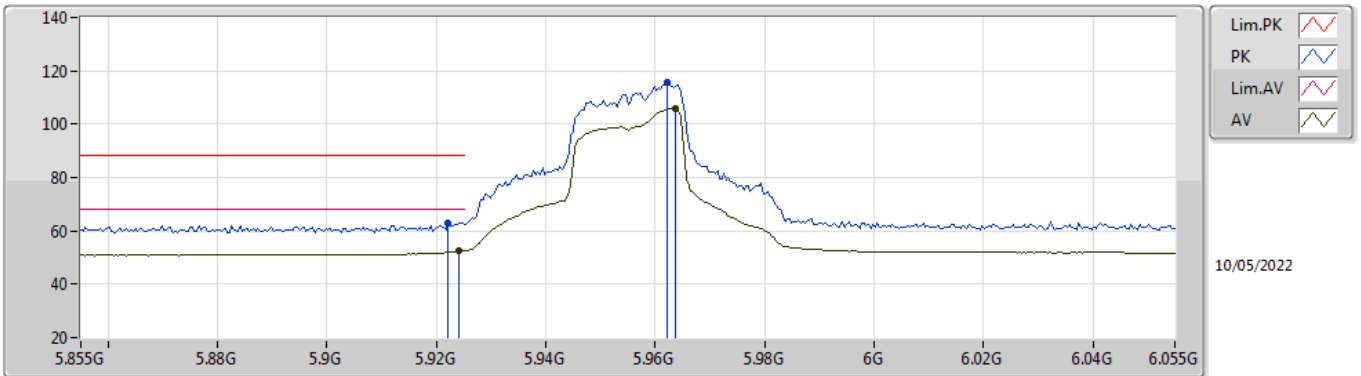


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.925-6.425GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	RMS	5.925G	66.83	68.20	-1.37	3	Horizontal	195	1.07	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

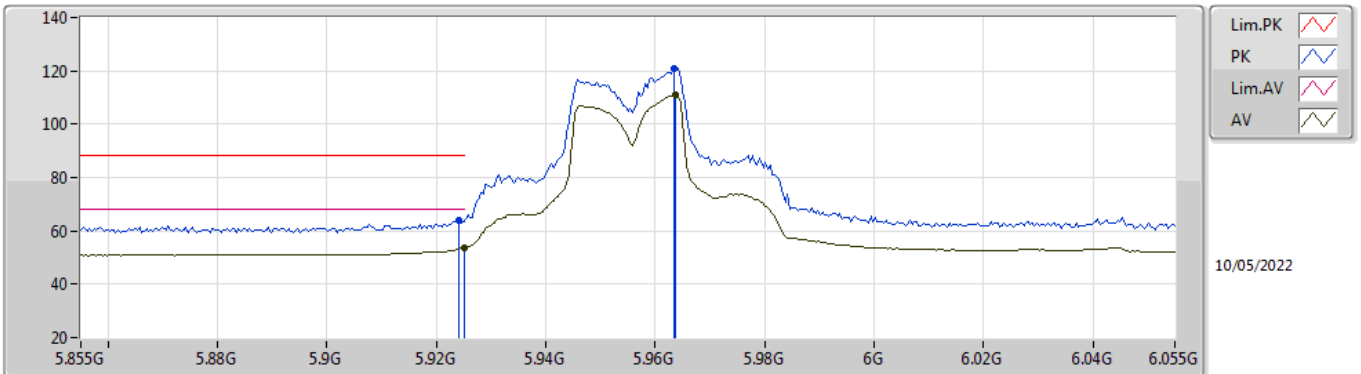


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.9222G	63.18	88.20	-25.02	54.53	3	Vertical	161	1.34	-	34.99	6.60	32.94	
RMS	5.9242G	52.56	68.20	-15.64	43.90	3	Vertical	161	1.34	-	35.00	6.60	32.94	
PK	5.9622G	115.73	Inf	-Inf	106.93	3	Vertical	161	1.34	-	35.15	6.60	32.95	
RMS	5.9638G	105.81	Inf	-Inf	97.00	3	Vertical	161	1.34	-	35.16	6.60	32.95	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

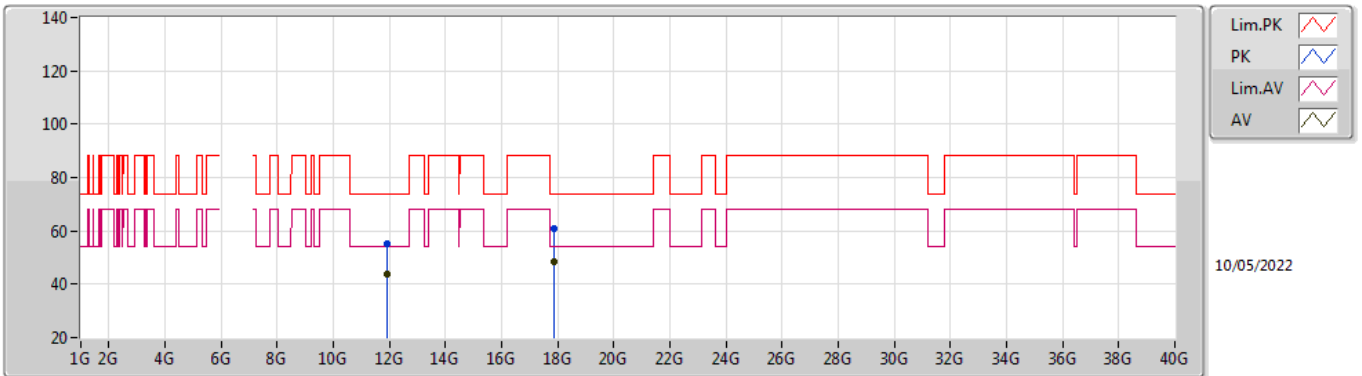


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	63.81	88.20	-24.39	55.15	3	Horizontal	197	1.29	-	35.00	6.60	32.94	
RMS	5.925G	53.58	68.20	-14.62	44.92	3	Horizontal	197	1.29	-	35.00	6.60	32.94	
PK	5.9634G	121.12	Inf	-Inf	112.32	3	Horizontal	197	1.29	-	35.15	6.60	32.95	
RMS	5.9638G	110.80	Inf	-Inf	101.99	3	Horizontal	197	1.29	-	35.16	6.60	32.95	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

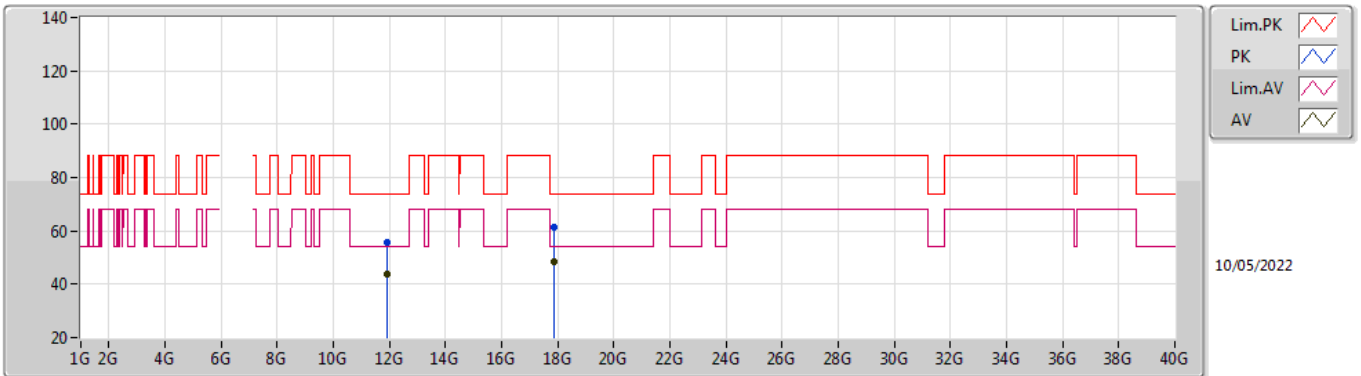


EUT_Z_4TX
Setting 80
01-L-K-4

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	11.90106G	55.40	74.00	-18.60	40.79	3	Vertical	65	1.62	-	38.50	8.98	32.87	
AV	11.91264G	43.66	54.00	-10.34	29.05	3	Vertical	65	1.62	-	38.50	8.98	32.87	
PK	17.87562G	60.81	74.00	-13.19	38.75	3	Vertical	43	1.29	-	42.70	11.06	31.70	
AV	17.8632G	48.39	54.00	-5.61	26.38	3	Vertical	43	1.29	-	42.65	11.06	31.70	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5955MHz_TnomVnom

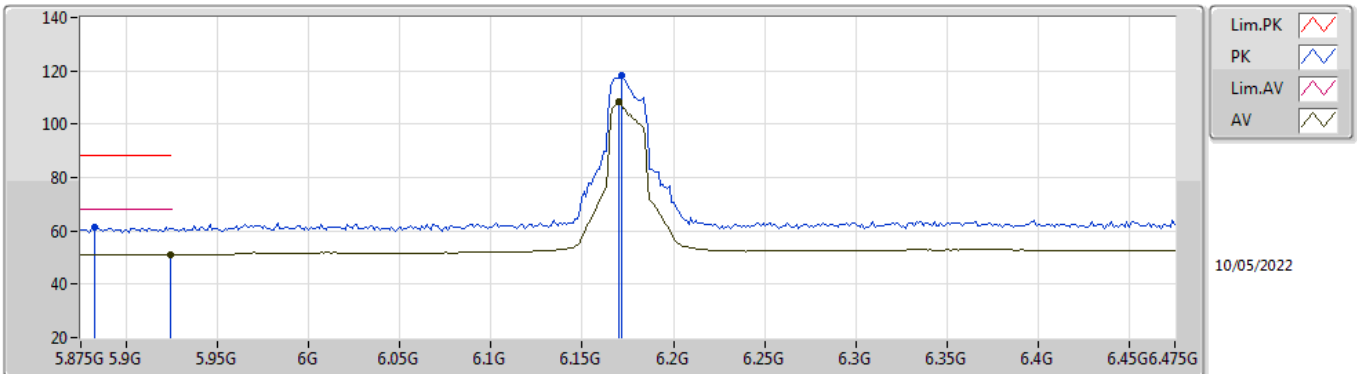


EUT_Z_4TX
Setting 80
01-L-K-4

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	11.91492G	55.45	74.00	-18.55	40.84	3	Horizontal	129	2.30	-	38.50	8.98	32.87	
AV	11.92446G	43.72	54.00	-10.28	29.11	3	Horizontal	129	2.30	-	38.50	8.98	32.87	
PK	17.86092G	61.17	74.00	-12.83	39.17	3	Horizontal	204	1.35	-	42.64	11.06	31.70	
AV	17.85018G	48.29	54.00	-5.71	26.34	3	Horizontal	204	1.35	-	42.60	11.06	31.71	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

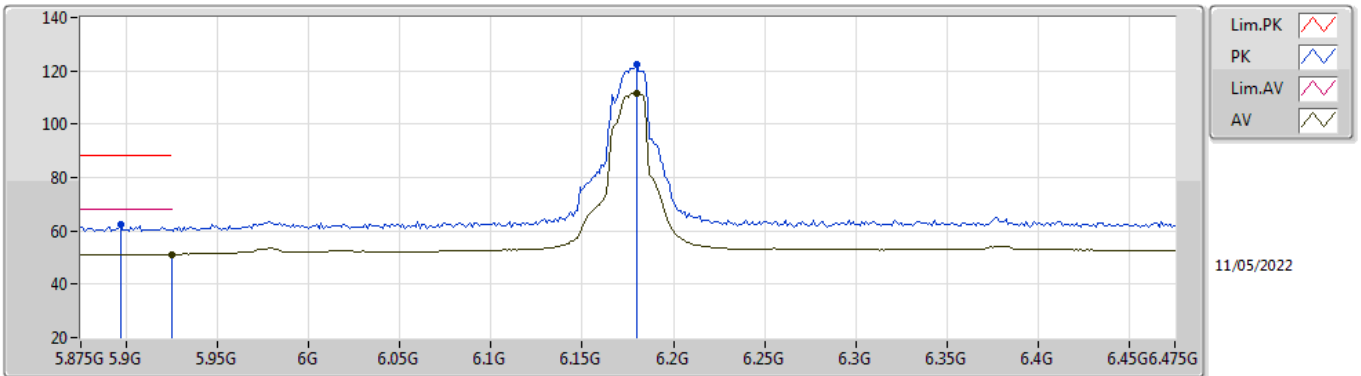


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8822G	61.59	88.20	-26.61	53.07	3	Vertical	360	1.59	-	34.86	6.60	32.94
RMS	5.9242G	51.05	68.20	-17.15	42.39	3	Vertical	360	1.59	-	35.00	6.60	32.94
PK	6.1714G	118.12	Inf	-Inf	108.82	3	Vertical	360	1.59	-	35.39	6.86	32.95
RMS	6.1702G	108.22	Inf	-Inf	98.93	3	Vertical	360	1.59	-	35.38	6.86	32.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

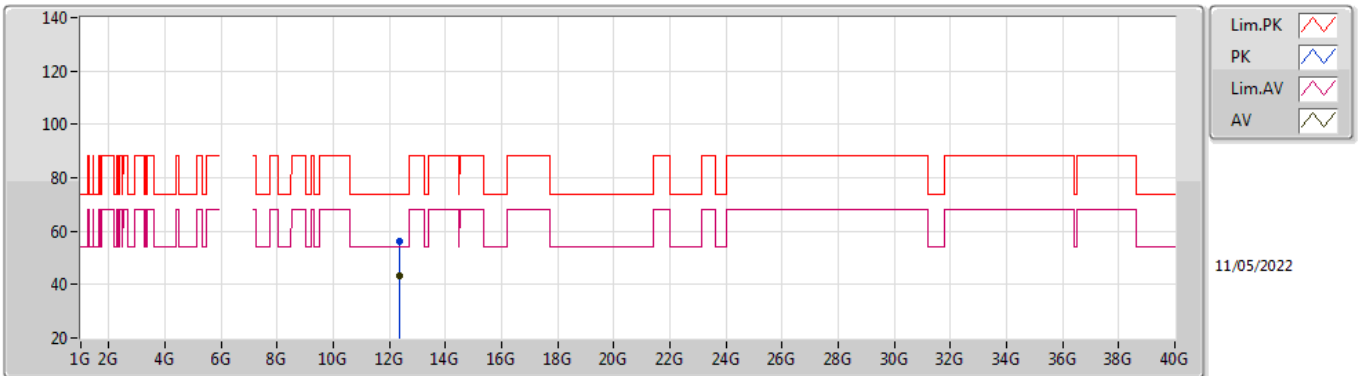


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8966G	62.22	88.20	-25.98	53.67	3	Horizontal	360	1.24	-	34.89	6.60	32.94
RMS	5.925G	51.20	68.20	-17.00	42.54	3	Horizontal	360	1.24	-	35.00	6.60	32.94
PK	6.1798G	122.30	Inf	-Inf	112.96	3	Horizontal	360	1.24	-	35.42	6.87	32.95
RMS	6.1798G	111.75	Inf	-Inf	102.41	3	Horizontal	360	1.24	-	35.42	6.87	32.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

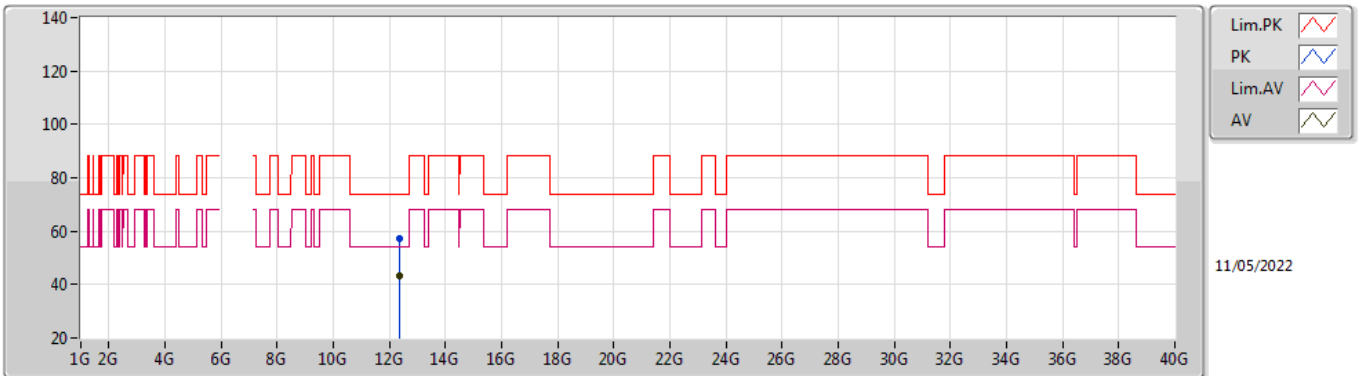


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.34862G	56.35	74.00	-17.65	41.04	3	Vertical	61	1.17	-	38.60	9.16	32.45	
AV	12.34964G	43.07	54.00	-10.93	27.76	3	Vertical	61	1.17	-	38.60	9.16	32.45	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

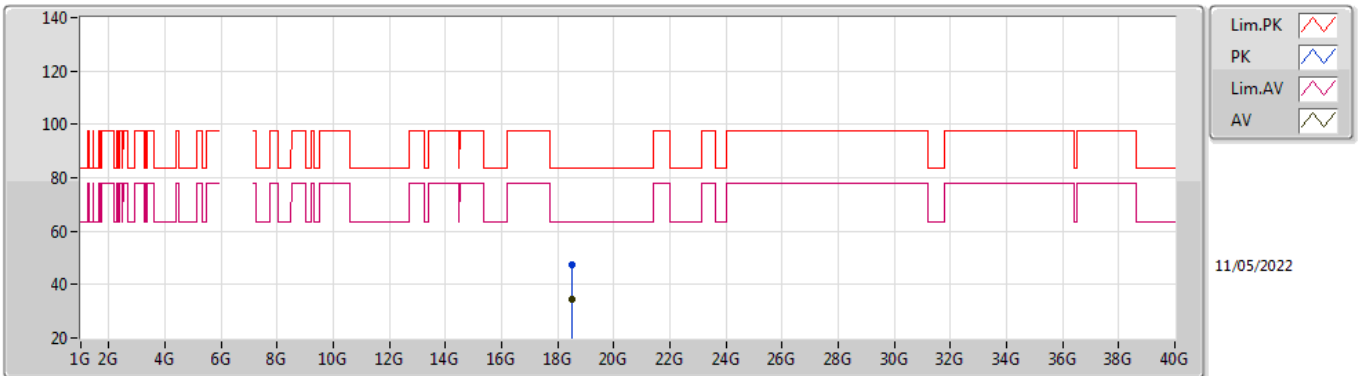


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.35178G	57.02	74.00	-16.98	41.70	3	Horizontal	207	1.71	-	38.60	9.16	32.44	
AV	12.34686G	43.07	54.00	-10.93	27.77	3	Horizontal	207	1.71	-	38.59	9.16	32.45	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

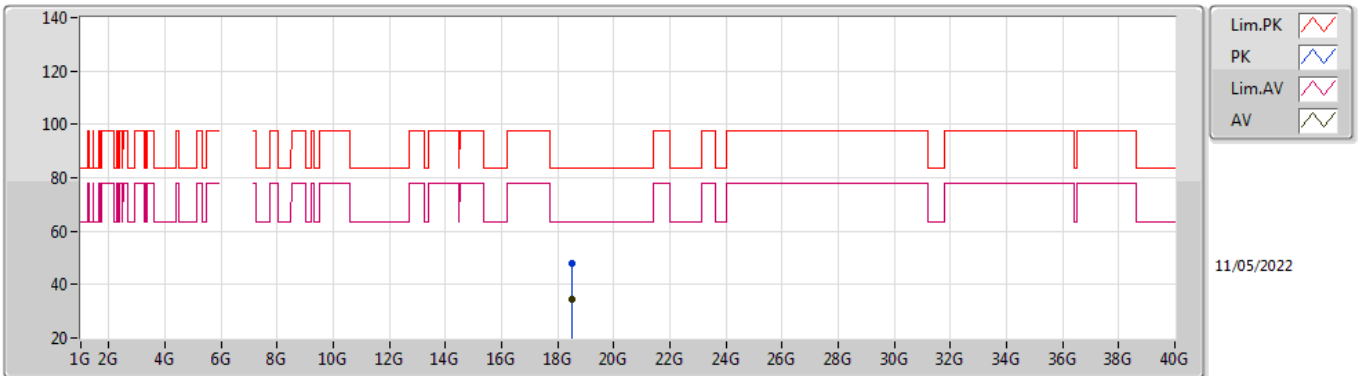


EUT_Z_4TX
Setting 80
01-L-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	18.52594G	47.34	83.54	-36.20	44.71	1	Vertical	305	1.54	-	37.79	14.91	50.07	
AV	18.52372G	34.50	63.54	-29.04	31.88	1	Vertical	305	1.54	-	37.79	14.91	50.08	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6175MHz_TnomVnom

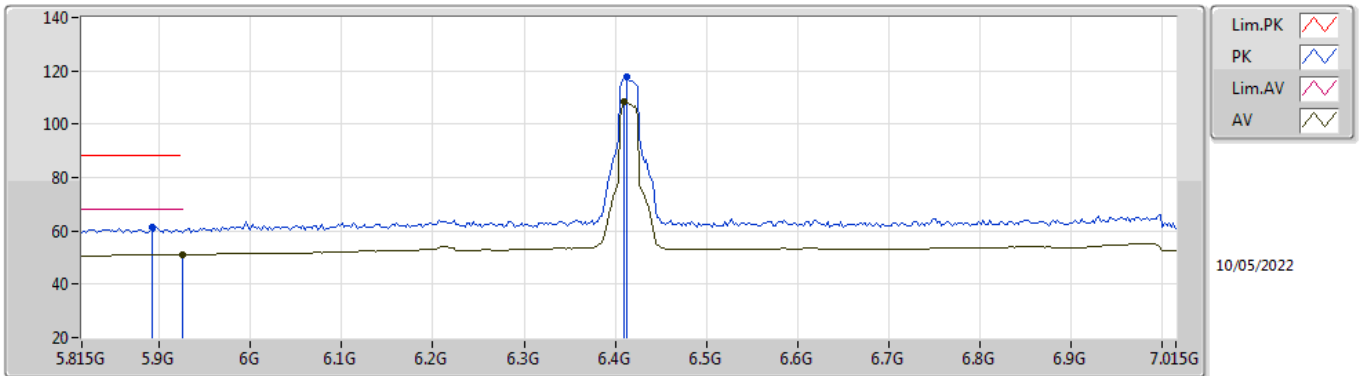


EUT_Z_4TX
Setting 80
01-L-K-4

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	18.52266G	48.15	83.54	-35.39	45.53	1	Horizontal	263	1.57	-	37.79	14.91	50.08
AV	18.52088G	34.58	63.54	-28.96	31.96	1	Horizontal	263	1.57	-	37.79	14.91	50.08

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

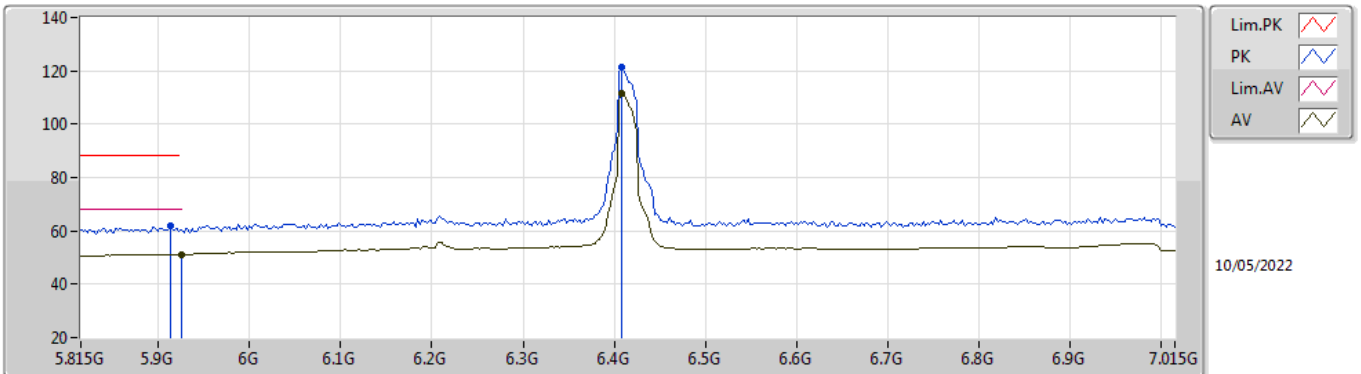


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8918G	61.57	88.20	-26.63	53.03	3	Vertical	166	2.56	-	34.88	6.60	32.94	
RMS	5.925G	51.00	68.20	-17.20	42.34	3	Vertical	166	2.56	-	35.00	6.60	32.94	
PK	6.4126G	117.89	Inf	-Inf	108.29	3	Vertical	166	2.56	-	35.55	7.00	32.95	
RMS	6.4102G	108.37	Inf	-Inf	98.76	3	Vertical	166	2.56	-	35.56	7.00	32.95	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

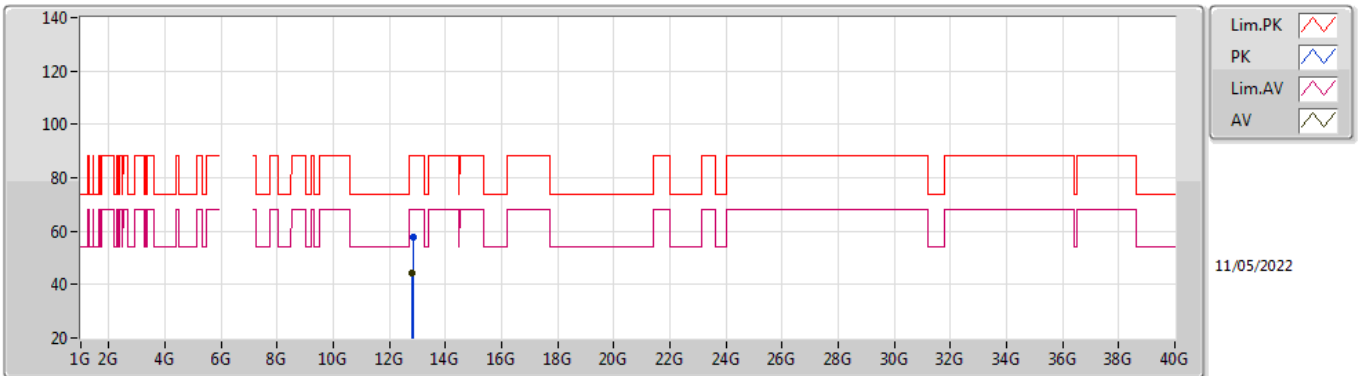


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.9134G	61.69	88.20	-26.51	53.08	3	Horizontal	0	1.07	-	34.95	6.60	32.94	
RMS	5.925G	51.19	68.20	-17.01	42.53	3	Horizontal	0	1.07	-	35.00	6.60	32.94	
PK	6.4078G	121.35	Inf	-Inf	111.73	3	Horizontal	0	1.07	-	35.57	7.00	32.95	
RMS	6.4078G	111.64	Inf	-Inf	102.02	3	Horizontal	0	1.07	-	35.57	7.00	32.95	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

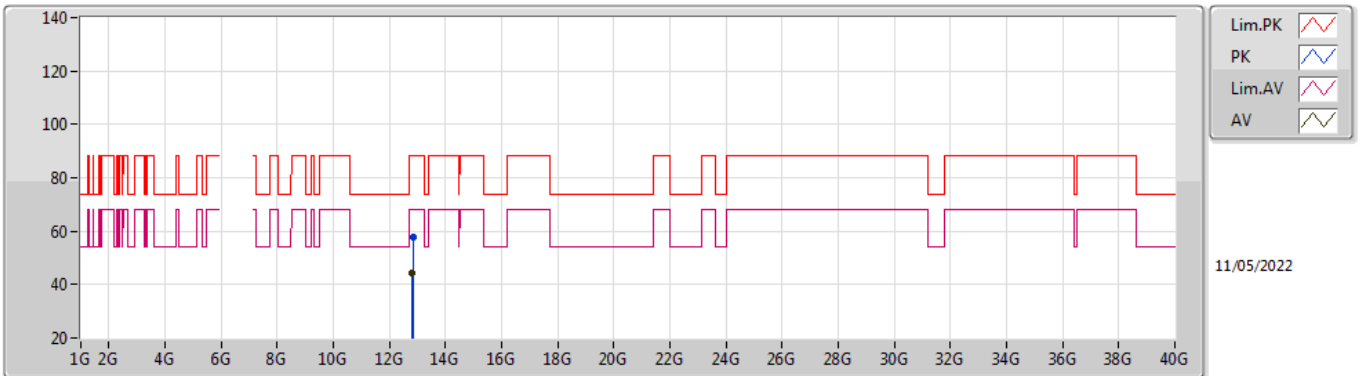


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.83044G	57.84	88.20	-30.36	41.08	3	Vertical	100	2.40	-	39.23	9.37	31.84
RMS	12.825G	44.39	68.20	-23.81	27.63	3	Vertical	100	2.40	-	39.23	9.37	31.84

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

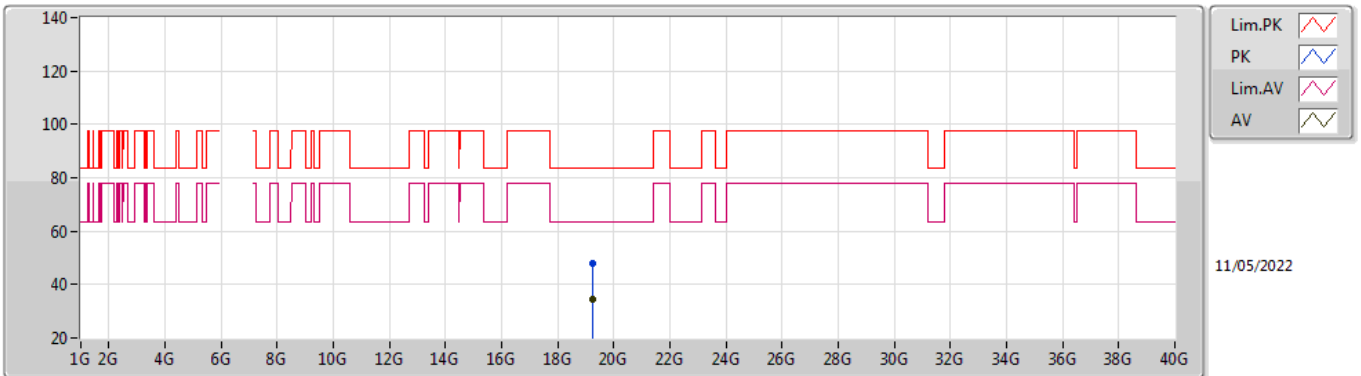


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.83384G	57.83	88.20	-30.37	41.05	3	Horizontal	40	1.22	-	39.23	9.38	31.83	
RMS	12.82506G	44.32	68.20	-23.88	27.56	3	Horizontal	40	1.22	-	39.23	9.37	31.84	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

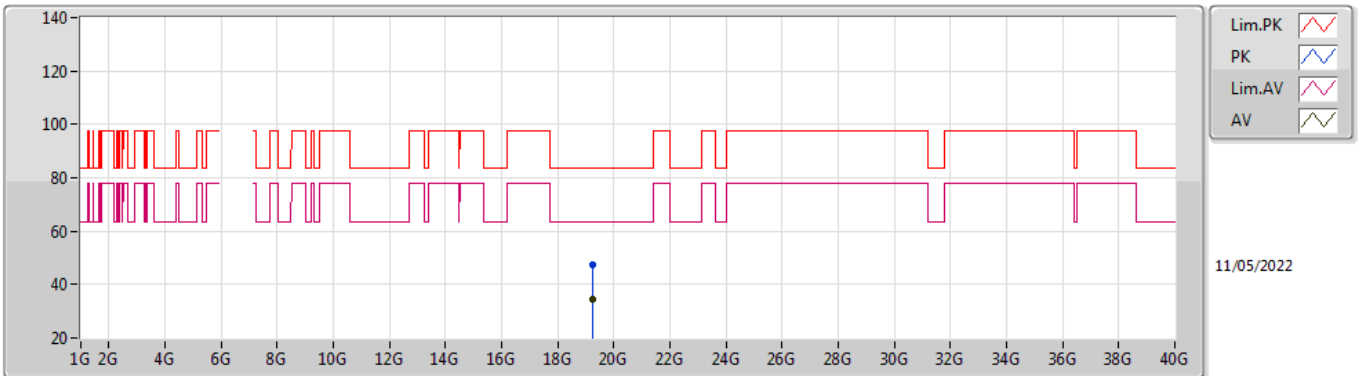


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.24808G	47.85	83.54	-35.69	44.60	1	Vertical	160	1.51	-	37.70	15.20	49.65
AV	19.24372G	34.37	63.54	-29.17	31.11	1	Vertical	160	1.51	-	37.71	15.20	49.65

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6415MHz_TnomVnom

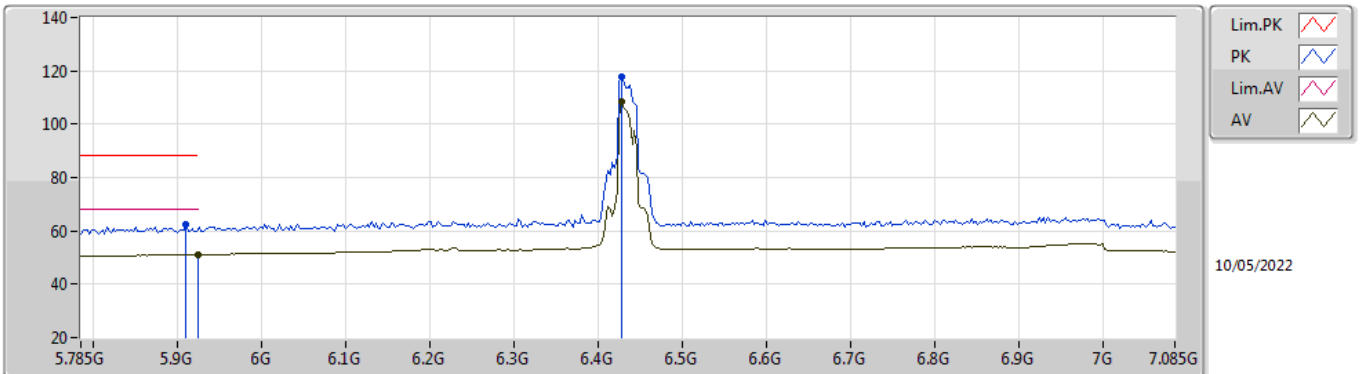


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.24148G	47.57	83.54	-35.97	44.31	1	Horizontal	280	1.55	-	37.71	15.20	49.65
AV	19.24026G	34.43	63.54	-29.11	31.17	1	Horizontal	280	1.55	-	37.71	15.20	49.65

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

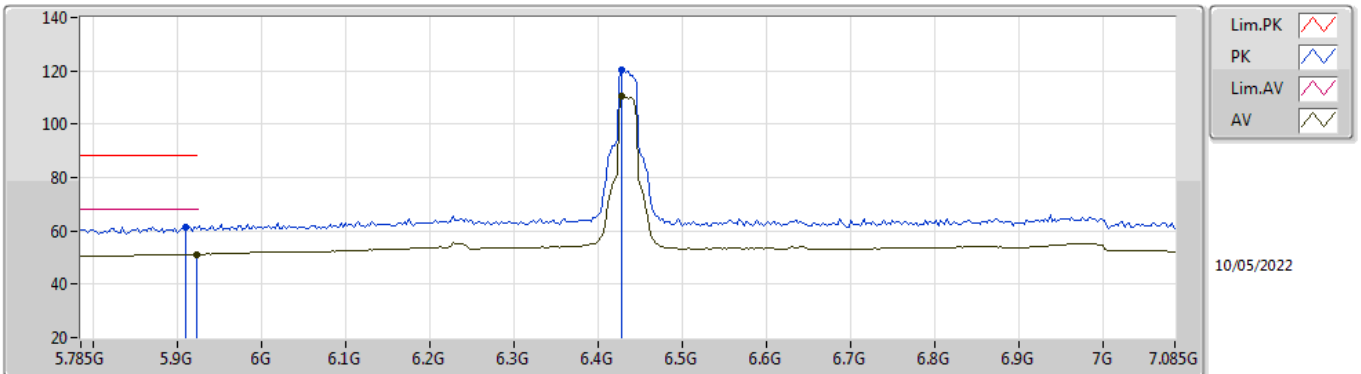


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	62.67	88.20	-25.53	54.07	3	Vertical	351	2.51	-	34.94	6.60	32.94
RMS	5.925G	51.06	68.20	-17.14	42.40	3	Vertical	351	2.51	-	35.00	6.60	32.94
PK	6.4272G	117.68	Inf	-Inf	108.14	3	Vertical	351	2.51	-	35.49	7.00	32.95
RMS	6.4272G	108.39	Inf	-Inf	98.85	3	Vertical	351	2.51	-	35.49	7.00	32.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

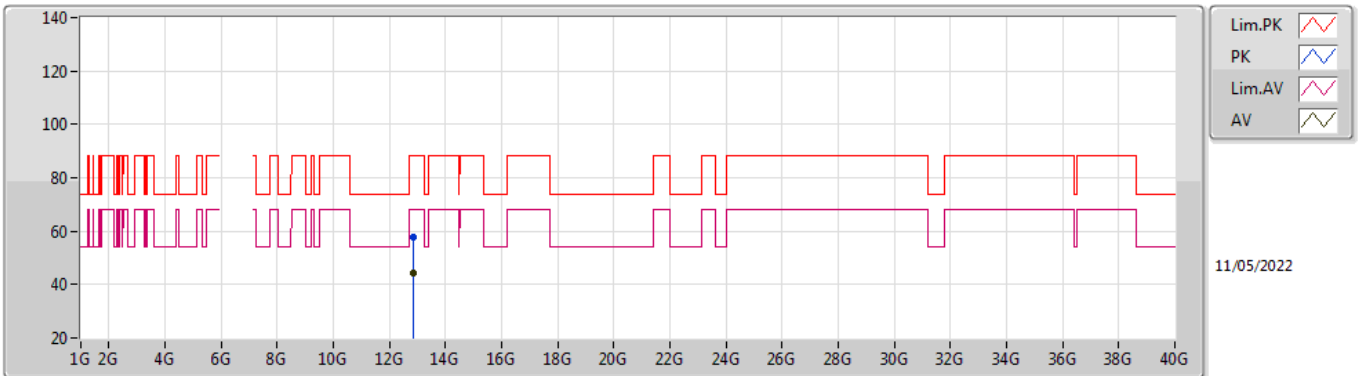


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	61.40	88.20	-26.80	52.80	3	Horizontal	342	1.00	-	34.94	6.60	32.94	
RMS	5.9228G	51.18	68.20	-17.02	42.53	3	Horizontal	342	1.00	-	34.99	6.60	32.94	
PK	6.4272G	120.43	Inf	-Inf	110.89	3	Horizontal	342	1.00	-	35.49	7.00	32.95	
RMS	6.4272G	110.56	Inf	-Inf	101.02	3	Horizontal	342	1.00	-	35.49	7.00	32.95	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

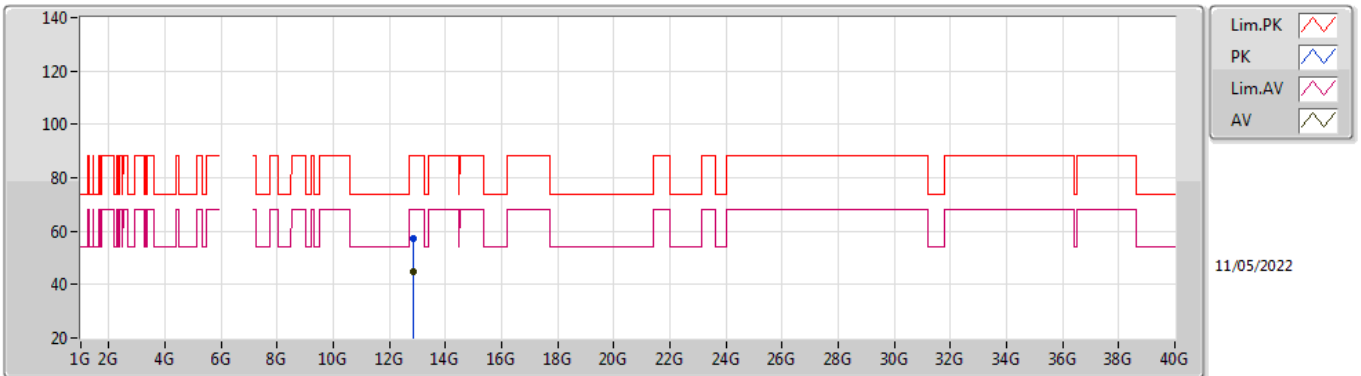


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.86978G	57.94	88.20	-30.26	41.07	3	Vertical	99	3.00	-	39.27	9.39	31.79	
RMS	12.87322G	44.27	68.20	-23.93	27.39	3	Vertical	99	3.00	-	39.27	9.39	31.78	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

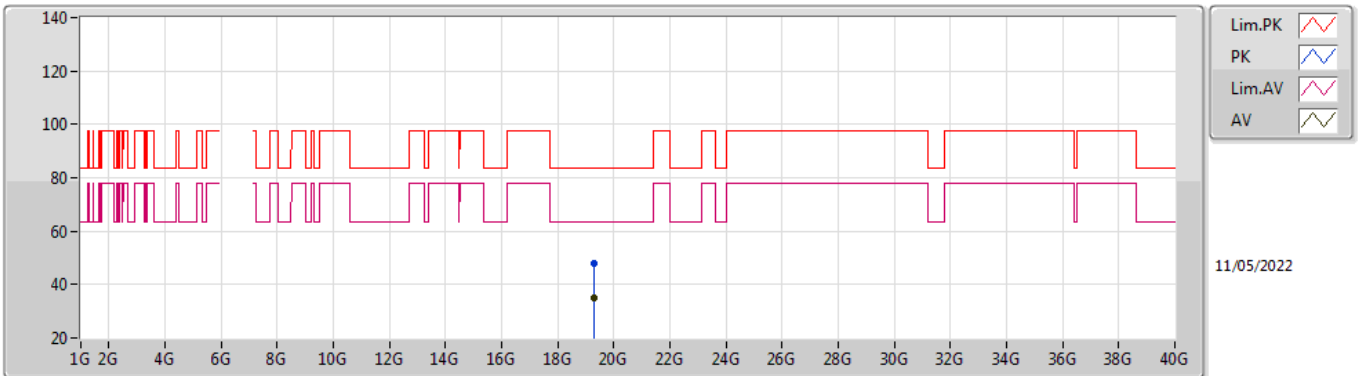


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.87002G	57.33	88.20	-30.87	40.46	3	Horizontal	66	1.76	-	39.27	9.39	31.79	
RMS	12.86504G	44.59	68.20	-23.61	27.72	3	Horizontal	66	1.76	-	39.27	9.39	31.79	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

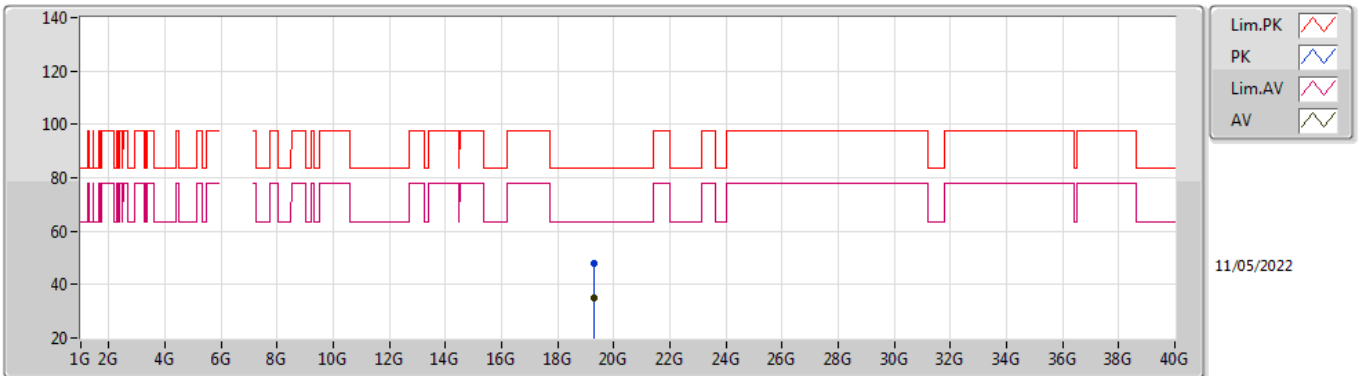


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.30458G	48.12	83.54	-35.42	44.82	1	Vertical	190	1.54	-	37.74	15.22	49.66
AV	19.30384G	34.87	63.54	-28.67	31.57	1	Vertical	190	1.54	-	37.74	15.22	49.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6435MHz_TnomVnom

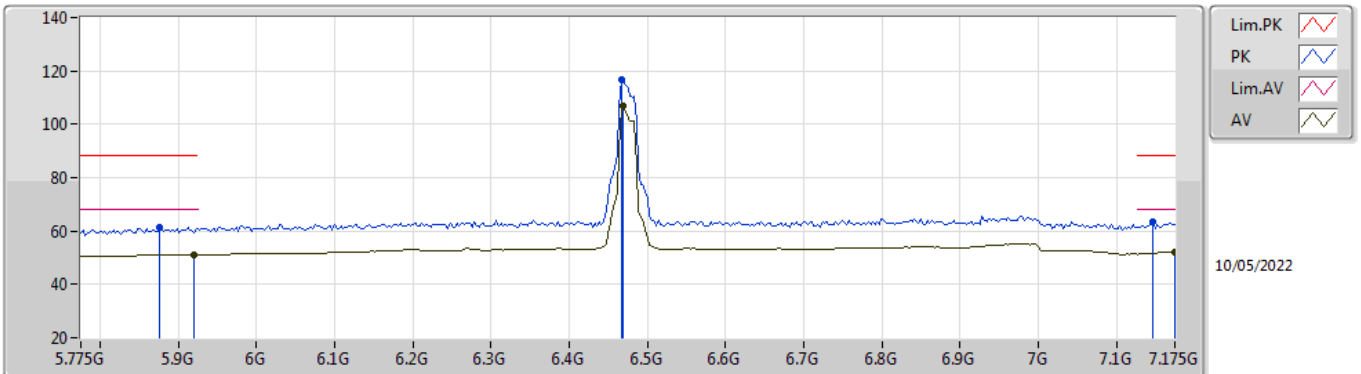


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.30026G	47.96	83.54	-35.58	44.66	1	Horizontal	86	1.54	-	37.74	15.22	49.66
AV	19.30756G	34.89	63.54	-28.65	31.58	1	Horizontal	86	1.54	-	37.75	15.22	49.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

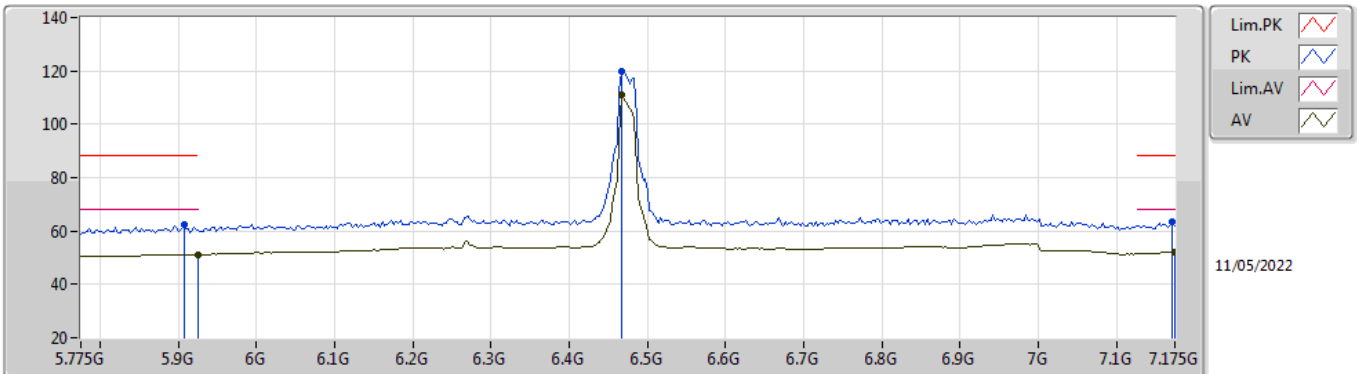


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8758G	61.40	88.20	-26.80	52.89	3	Vertical	168	2.12	-	34.85	6.60	32.94
RMS	5.9206G	51.01	68.20	-17.19	42.37	3	Vertical	168	2.12	-	34.98	6.60	32.94
PK	6.4666G	116.95	Inf	-Inf	107.43	3	Vertical	168	2.12	-	35.47	7.00	32.95
RMS	6.4694G	106.76	Inf	-Inf	97.23	3	Vertical	168	2.12	-	35.48	7.00	32.95
PK	7.147G	63.33	88.20	-24.87	52.36	3	Vertical	168	2.12	-	36.88	7.23	33.14
RMS	7.175G	52.23	68.20	-15.97	41.15	3	Vertical	168	2.12	-	37.00	7.21	33.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

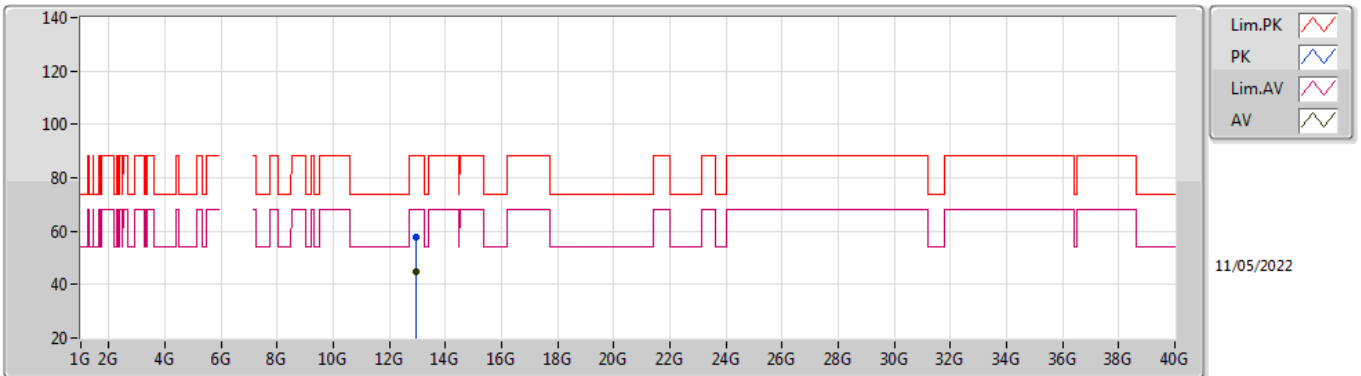


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.9066G	62.51	88.20	-25.69	53.92	3	Horizontal	72	1.00	-	34.93	6.60	32.94
RMS	5.925G	51.06	68.20	-17.14	42.40	3	Horizontal	72	1.00	-	35.00	6.60	32.94
PK	6.4666G	119.68	Inf	-Inf	110.16	3	Horizontal	72	1.00	-	35.47	7.00	32.95
RMS	6.4666G	110.89	Inf	-Inf	101.37	3	Horizontal	72	1.00	-	35.47	7.00	32.95
PK	7.1722G	63.19	88.20	-25.01	52.12	3	Horizontal	72	1.00	-	36.99	7.21	33.13
RMS	7.175G	52.25	68.20	-15.95	41.17	3	Horizontal	72	1.00	-	37.00	7.21	33.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

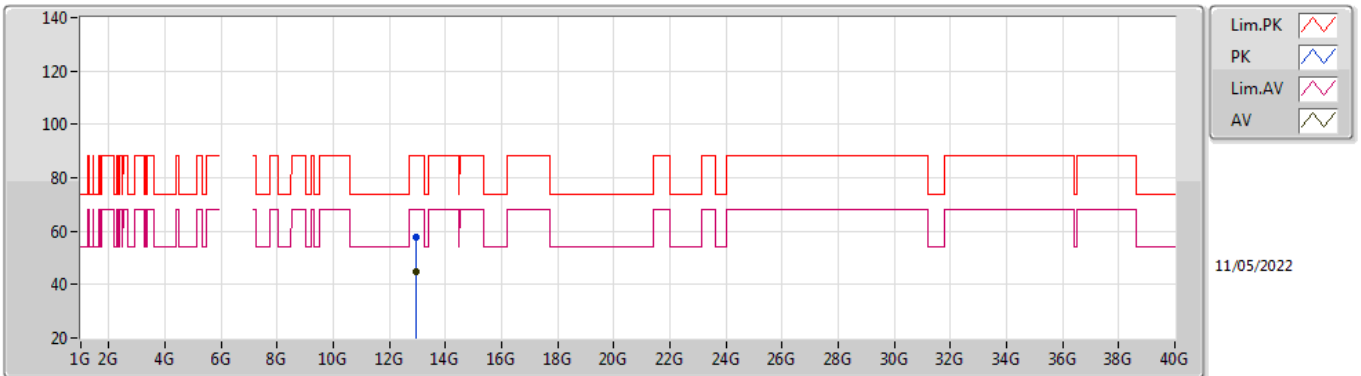


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.95086G	57.61	88.20	-30.59	40.41	3	Vertical	201	1.63	-	39.45	9.43	31.68	
RMS	12.95424G	44.59	68.20	-23.61	27.38	3	Vertical	201	1.63	-	39.46	9.43	31.68	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

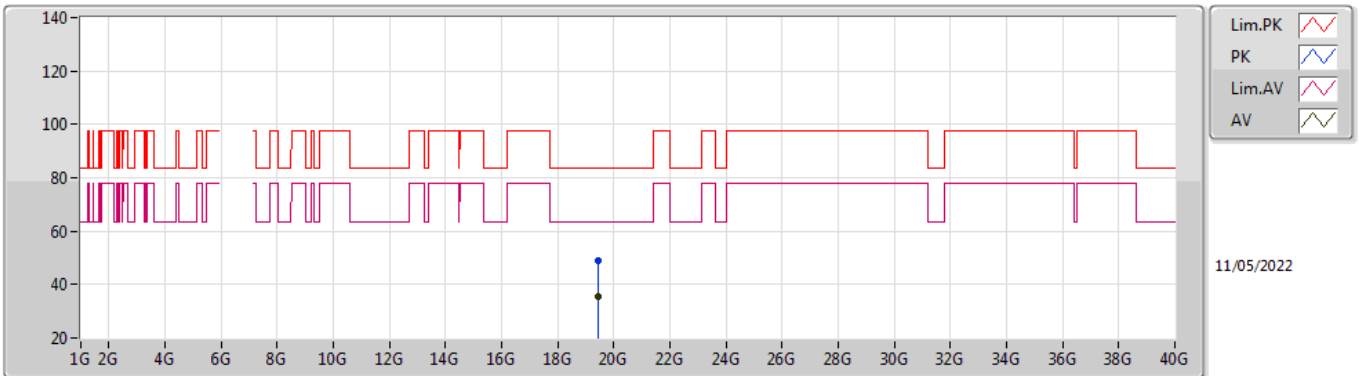


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.94502G	57.89	88.20	-30.31	40.71	3	Horizontal	132	1.18	-	39.44	9.43	31.69	
RMS	12.94544G	44.86	68.20	-23.34	27.68	3	Horizontal	132	1.18	-	39.44	9.43	31.69	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

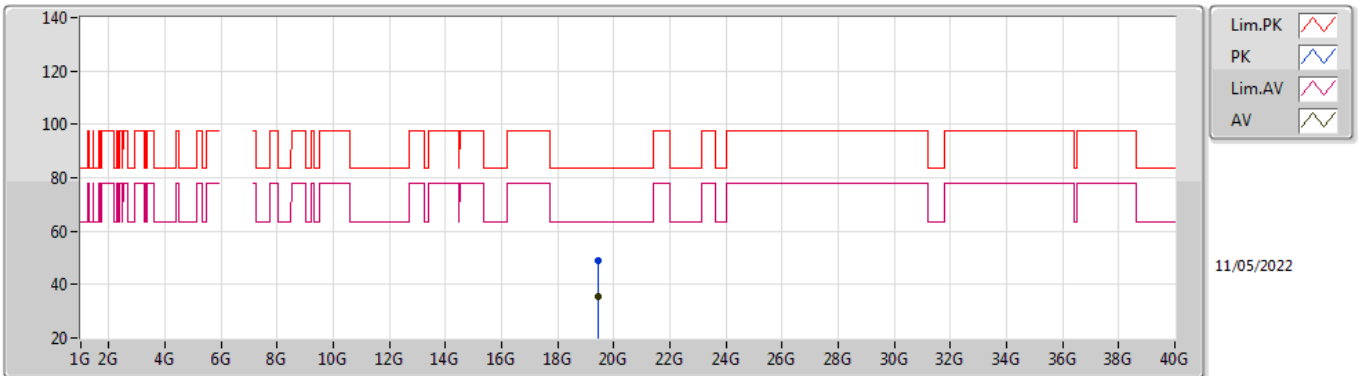


EUT_Z_4TX
Setting 80
01-L-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	19.42594G	49.22	83.54	-34.32	45.80	1	Vertical	175	1.50	-	37.84	15.27	49.69	
AV	19.42398G	35.70	63.54	-27.84	32.27	1	Vertical	175	1.50	-	37.84	15.27	49.68	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6475MHz_TnomVnom

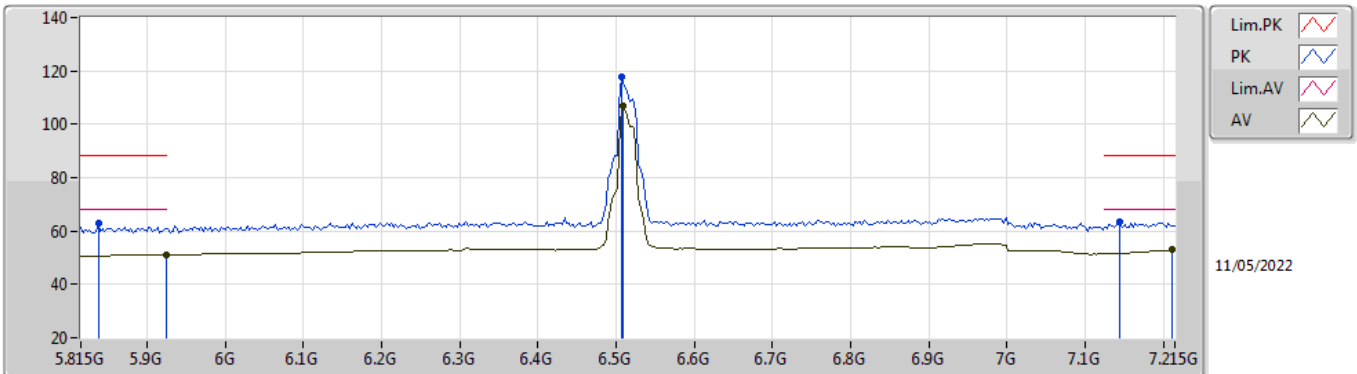


EUT_Z_4TX
Setting 80
01-L-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	19.42926G	49.13	83.54	-34.41	45.71	1	Horizontal	44	1.54	-	37.84	15.27	49.69	
AV	19.42608G	35.57	63.54	-27.97	32.15	1	Horizontal	44	1.54	-	37.84	15.27	49.69	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

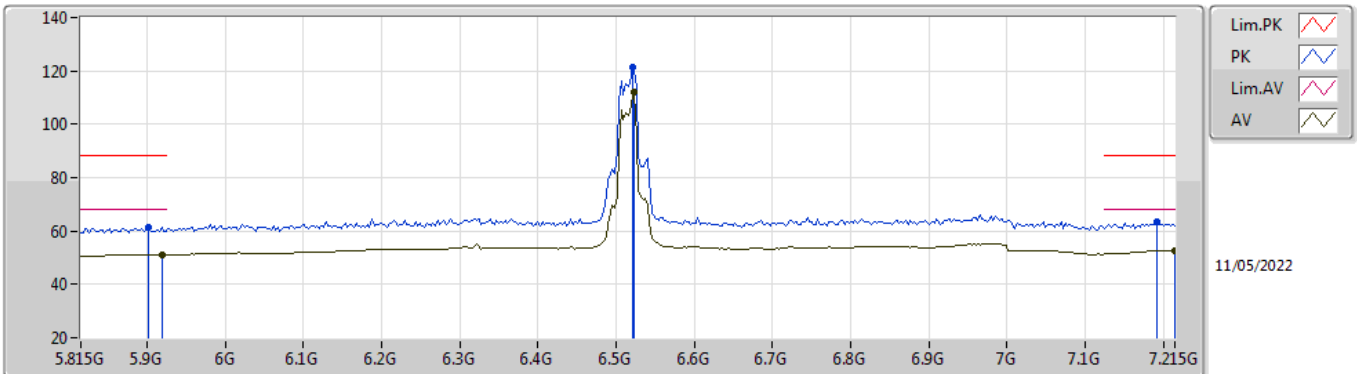


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8374G	62.97	88.20	-25.23	54.60	3	Vertical	351	2.22	-	34.70	6.60	32.93
RMS	5.9242G	51.01	68.20	-17.19	42.35	3	Vertical	351	2.22	-	35.00	6.60	32.94
PK	6.5066G	117.53	Inf	-Inf	107.85	3	Vertical	351	2.22	-	35.63	7.00	32.95
RMS	6.5094G	106.73	Inf	-Inf	97.04	3	Vertical	351	2.22	-	35.64	7.00	32.95
PK	7.145G	63.54	88.20	-24.66	52.59	3	Vertical	351	2.22	-	36.86	7.23	33.14
RMS	7.2122G	52.87	68.20	-15.33	41.67	3	Vertical	351	2.22	-	37.10	7.21	33.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

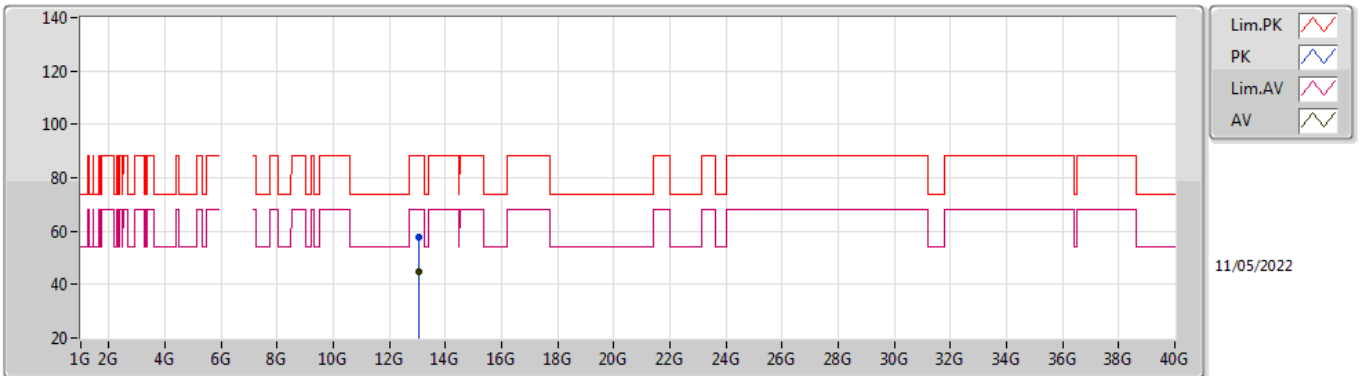


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.9018G	61.20	88.20	-27.00	52.63	3	Horizontal	74	1.14	-	34.91	6.60	32.94	
RMS	5.9186G	51.04	68.20	-17.16	42.41	3	Horizontal	74	1.14	-	34.97	6.60	32.94	
PK	6.5206G	121.30	Inf	-Inf	111.58	3	Horizontal	74	1.14	-	35.68	7.00	32.96	
RMS	6.5234G	112.09	Inf	-Inf	102.36	3	Horizontal	74	1.14	-	35.69	7.00	32.96	
PK	7.1926G	63.28	88.20	-24.92	52.13	3	Horizontal	74	1.14	-	37.07	7.20	33.12	
RMS	7.215G	52.83	68.20	-15.37	41.62	3	Horizontal	74	1.14	-	37.10	7.22	33.11	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

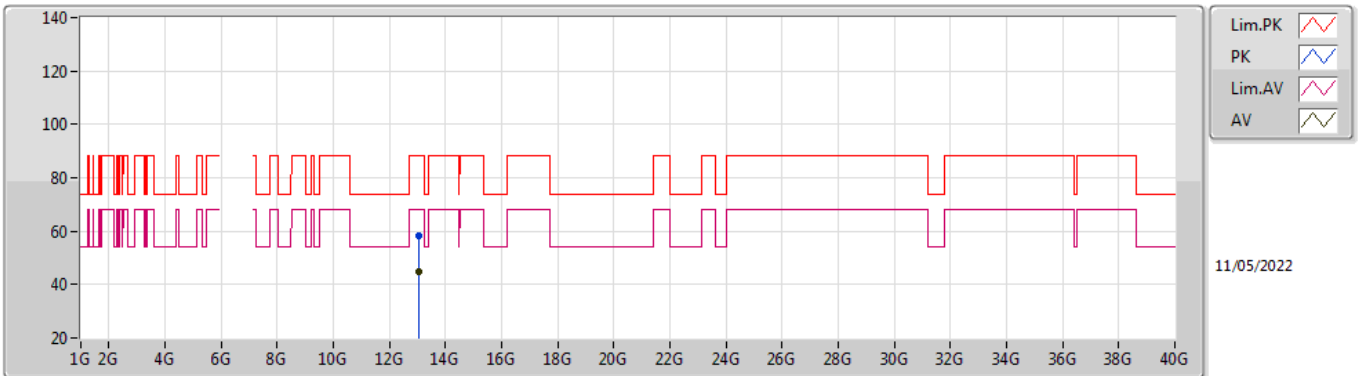


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.03164G	57.98	88.20	-30.22	40.47	3	Vertical	302	2.12	-	39.63	9.46	31.58
RMS	13.03166G	44.92	68.20	-23.28	27.41	3	Vertical	302	2.12	-	39.63	9.46	31.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

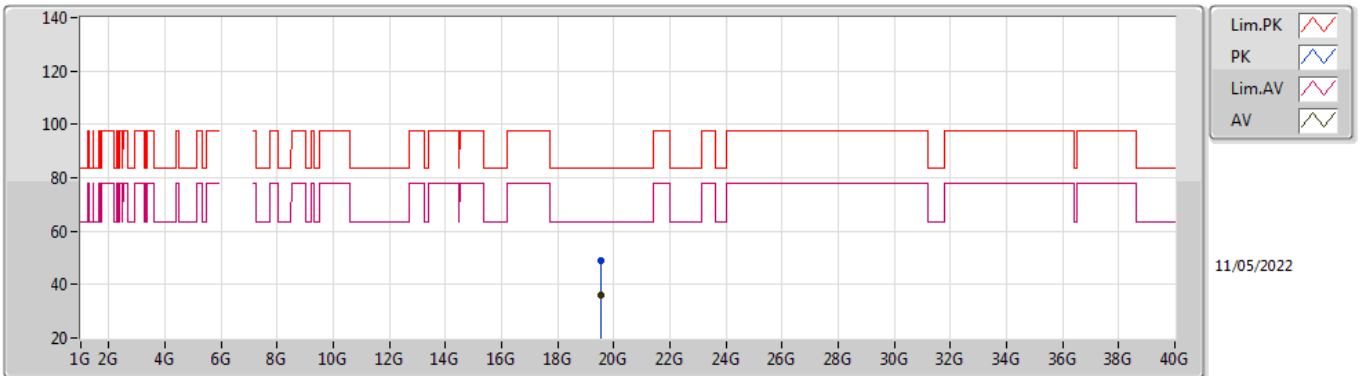


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.03176G	58.34	88.20	-29.86	40.83	3	Horizontal	268	1.32	-	39.63	9.46	31.58	
RMS	13.02914G	44.93	68.20	-23.27	27.42	3	Horizontal	268	1.32	-	39.63	9.46	31.58	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

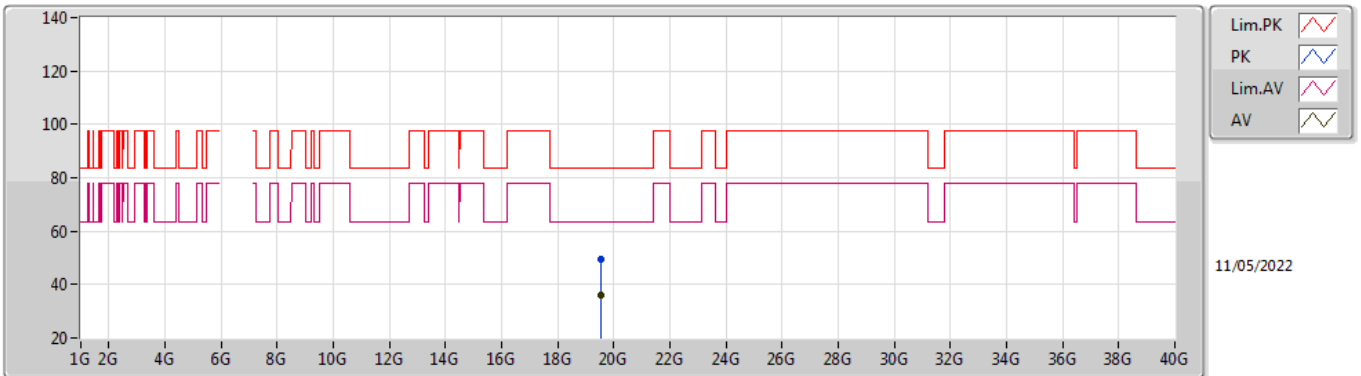


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.54228G	48.96	83.54	-34.58	45.46	1	Vertical	62	1.57	-	37.88	15.32	49.70
AV	19.54784G	36.24	63.54	-27.30	32.74	1	Vertical	62	1.57	-	37.88	15.32	49.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6515MHz_TnomVnom

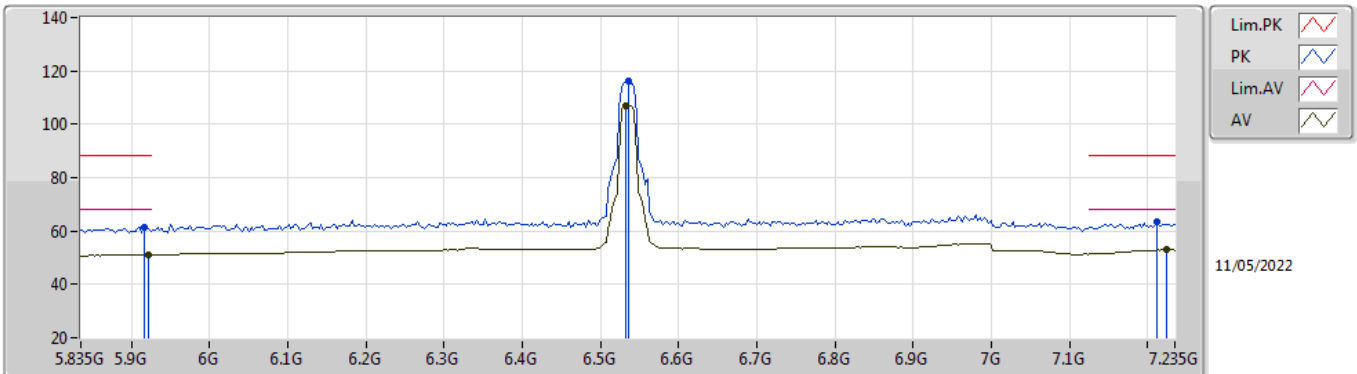


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.54728G	49.28	83.54	-34.26	45.78	1	Horizontal	21	1.56	-	37.88	15.32	49.70
AV	19.54164G	36.02	63.54	-27.52	32.52	1	Horizontal	21	1.56	-	37.88	15.32	49.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

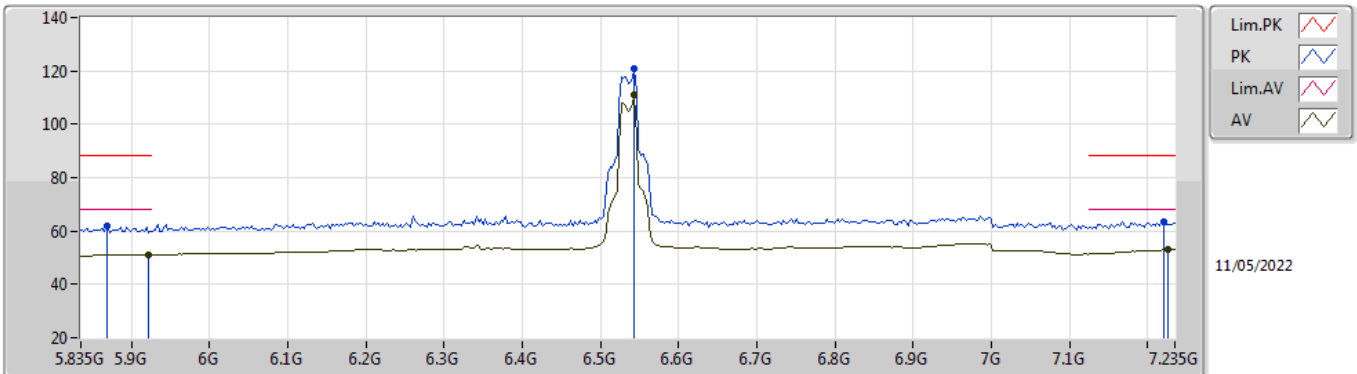


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.9162G	61.58	88.20	-26.62	52.96	3	Vertical	314	1.40	-	34.96	6.60	32.94
RMS	5.9218G	51.07	68.20	-17.13	42.42	3	Vertical	314	1.40	-	34.99	6.60	32.94
PK	6.535G	116.28	Inf	-Inf	106.51	3	Vertical	314	1.40	-	35.74	7.00	32.97
RMS	6.5322G	107.10	Inf	-Inf	97.34	3	Vertical	314	1.40	-	35.73	7.00	32.97
PK	7.2126G	63.22	88.20	-24.98	52.02	3	Vertical	314	1.40	-	37.10	7.21	33.11
RMS	7.2238G	52.96	68.20	-15.24	41.75	3	Vertical	314	1.40	-	37.10	7.22	33.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

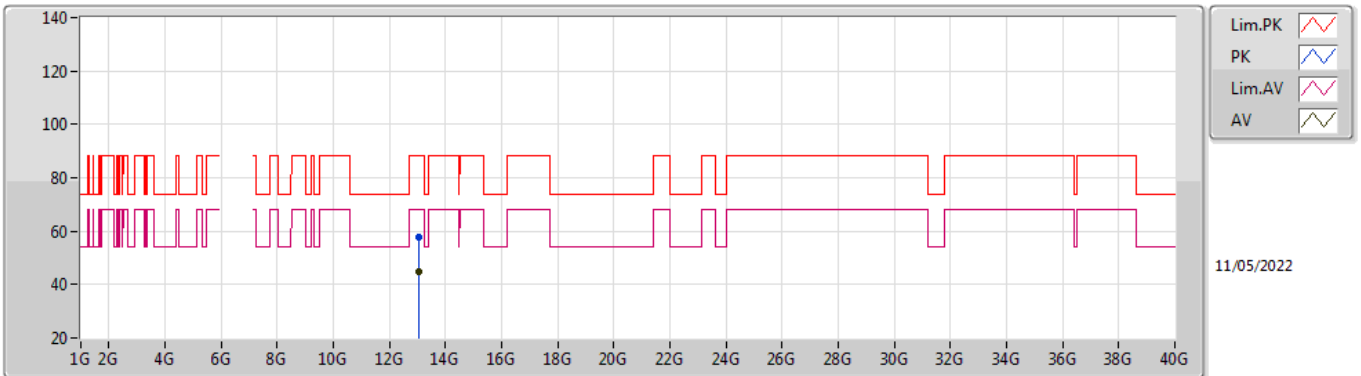


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8686G	62.13	88.20	-26.07	53.63	3	Horizontal	78	1.02	-	34.84	6.60	32.94
RMS	5.9218G	51.04	68.20	-17.16	42.39	3	Horizontal	78	1.02	-	34.99	6.60	32.94
PK	6.5434G	120.80	Inf	-Inf	111.00	3	Horizontal	78	1.02	-	35.77	7.00	32.97
RMS	6.5434G	111.04	Inf	-Inf	101.24	3	Horizontal	78	1.02	-	35.77	7.00	32.97
PK	7.221G	63.63	88.20	-24.57	52.42	3	Horizontal	78	1.02	-	37.10	7.22	33.11
RMS	7.2266G	52.95	68.20	-15.25	41.73	3	Horizontal	78	1.02	-	37.10	7.23	33.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

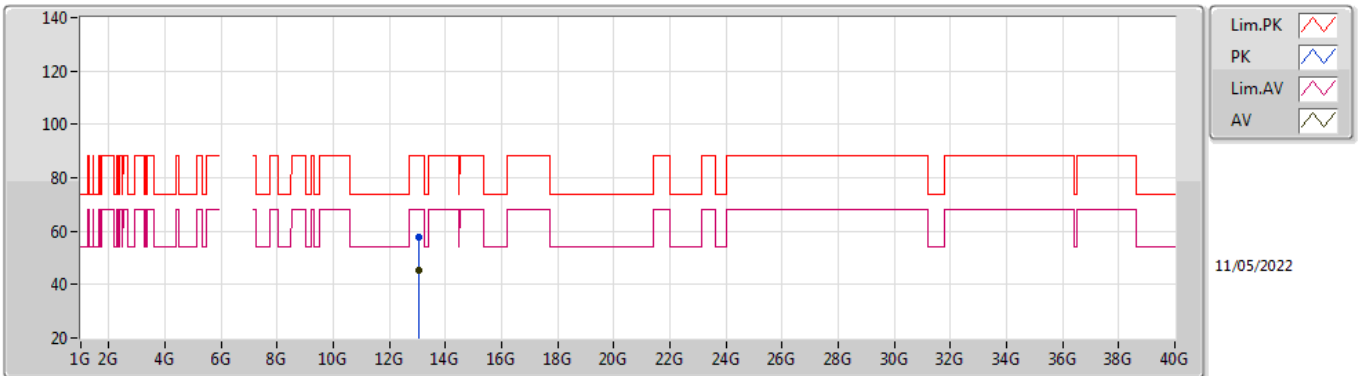


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.07234G	57.97	88.20	-30.23	40.35	3	Vertical	213	2.94	-	39.67	9.48	31.53	
RMS	13.06582G	44.85	68.20	-23.35	27.24	3	Vertical	213	2.94	-	39.67	9.48	31.54	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

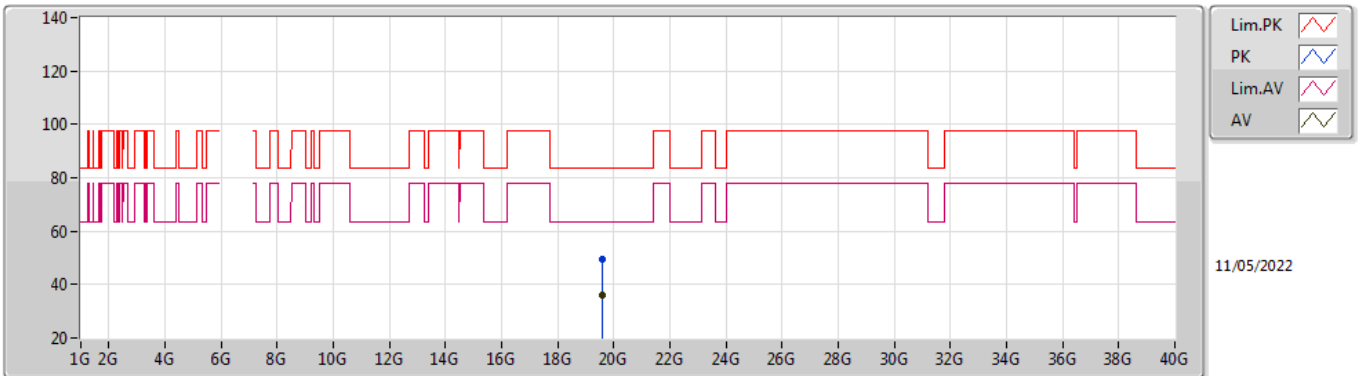


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.0656G	57.74	88.20	-30.46	40.13	3	Horizontal	270	1.43	-	39.67	9.48	31.54	
RMS	13.06598G	45.19	68.20	-23.01	27.58	3	Horizontal	270	1.43	-	39.67	9.48	31.54	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

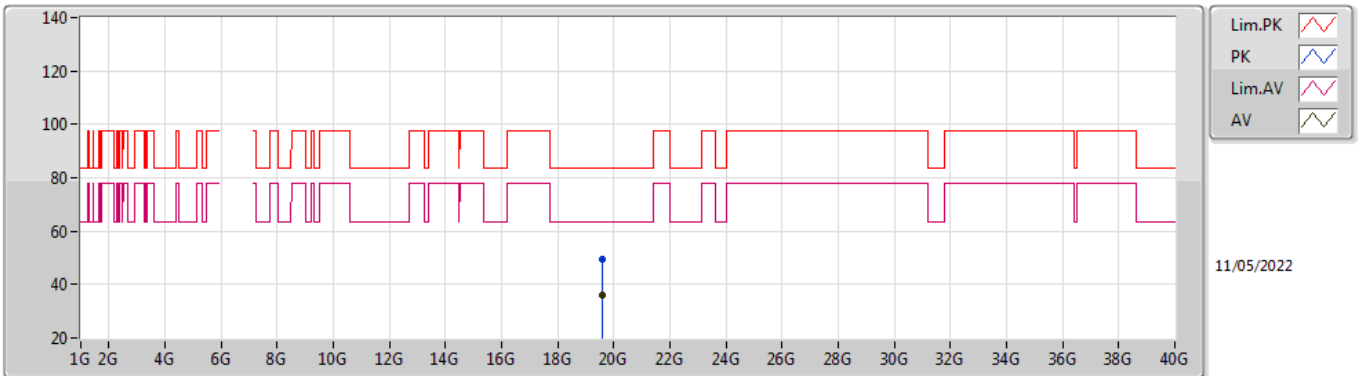


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.6021G	49.68	83.54	-33.86	46.18	1	Vertical	168	1.52	-	37.86	15.34	49.70
AV	19.60314G	36.29	63.54	-27.25	32.79	1	Vertical	168	1.52	-	37.86	15.34	49.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6535MHz_TnomVnom

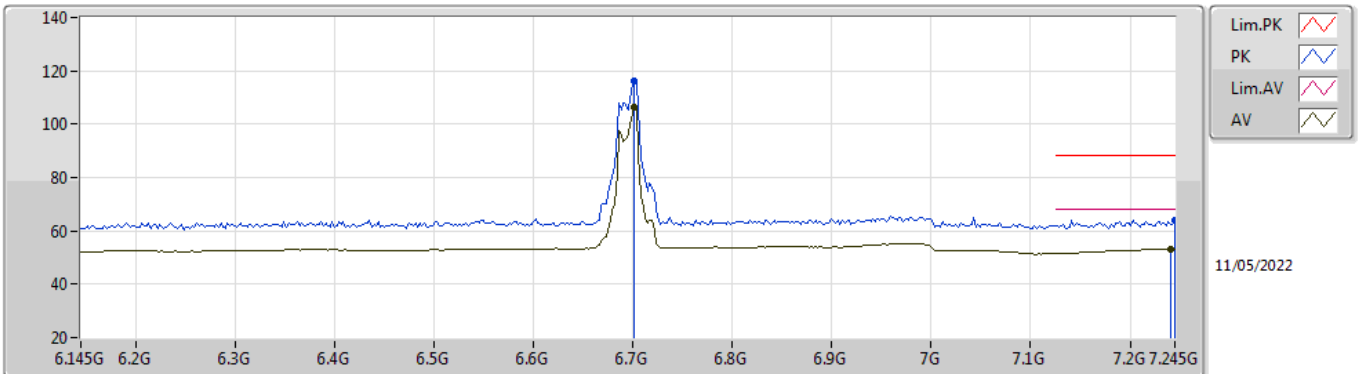


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.60466G	49.46	83.54	-34.08	45.96	1	Horizontal	68	1.52	-	37.86	15.34	49.70
AV	19.60206G	36.20	63.54	-27.34	32.70	1	Horizontal	68	1.52	-	37.86	15.34	49.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

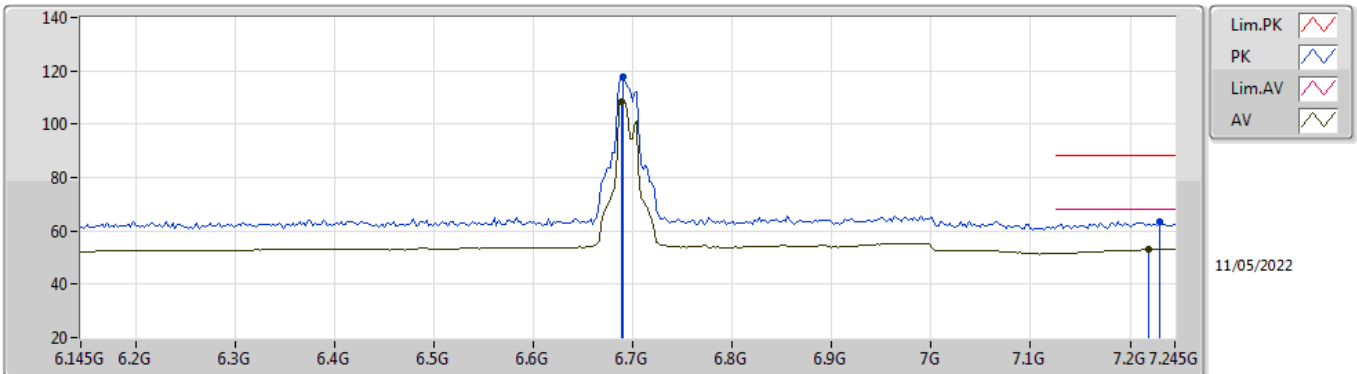


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.7016G	115.98	Inf	-Inf	106.12	3	Vertical	192	2.42	-	35.91	7.00	33.05	
RMS	6.7016G	106.44	Inf	-Inf	96.58	3	Vertical	192	2.42	-	35.91	7.00	33.05	
PK	7.245G	64.12	88.20	-24.08	52.87	3	Vertical	192	2.42	-	37.10	7.25	33.10	
RMS	7.2406G	53.05	68.20	-15.15	41.81	3	Vertical	192	2.42	-	37.10	7.24	33.10	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

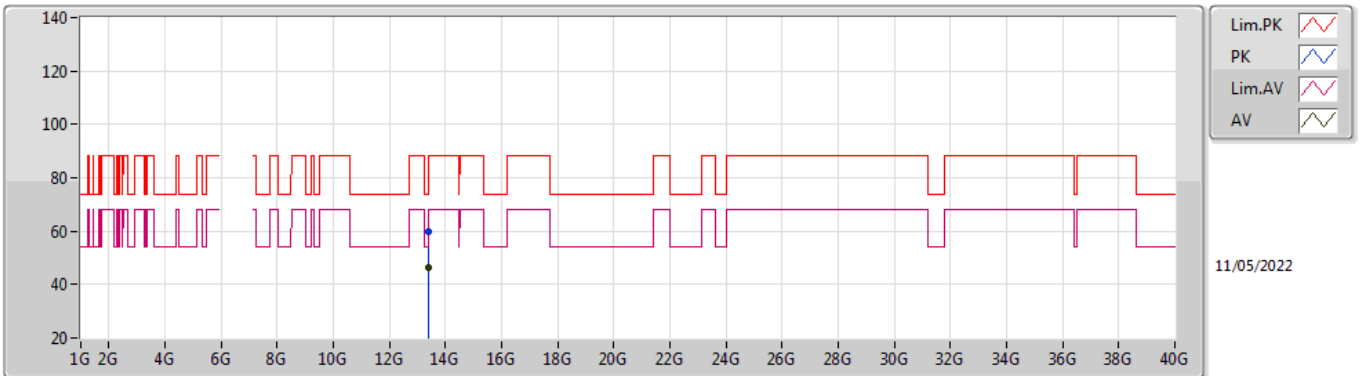


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	117.91	Inf	-Inf	108.03	3	Horizontal	77	1.18	-	35.92	7.00	33.04
RMS	6.6884G	108.62	Inf	-Inf	98.74	3	Horizontal	77	1.18	-	35.92	7.00	33.04
PK	7.2296G	63.63	88.20	-24.57	52.41	3	Horizontal	77	1.18	-	37.10	7.23	33.11
RMS	7.2186G	53.03	68.20	-15.17	41.82	3	Horizontal	77	1.18	-	37.10	7.22	33.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

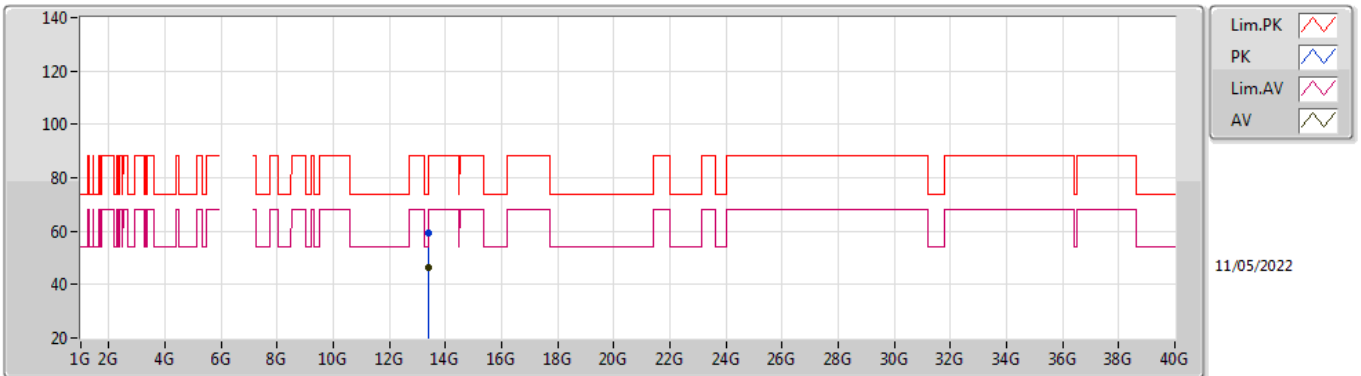


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.38606G	59.81	74.00	-14.19	41.15	3	Vertical	108	1.85	-	40.17	9.62	31.13
AV	13.39168G	46.25	54.00	-7.75	27.57	3	Vertical	108	1.85	-	40.18	9.63	31.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

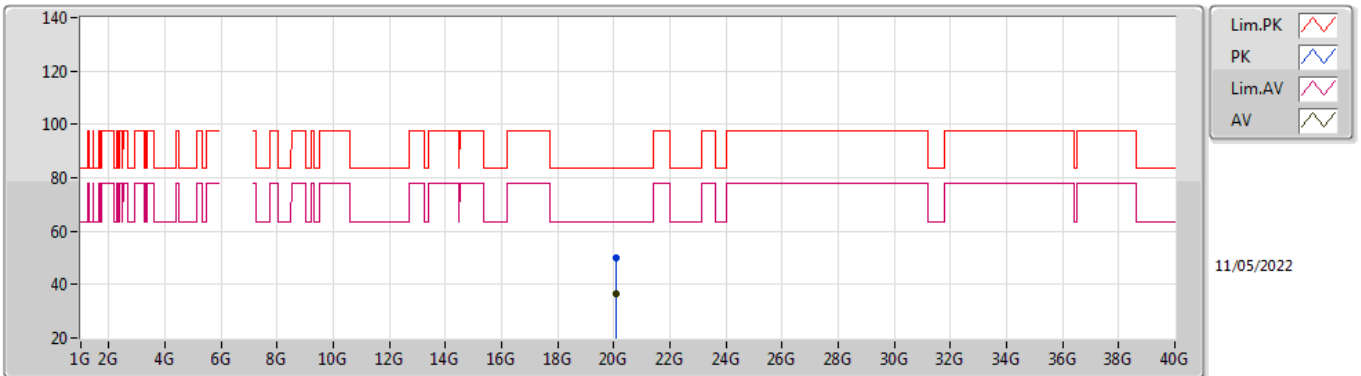


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.39296G	59.29	74.00	-14.71	40.59	3	Horizontal	281	2.94	-	40.19	9.63	31.12	
AV	13.38584G	46.47	54.00	-7.53	27.81	3	Horizontal	281	2.94	-	40.17	9.62	31.13	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

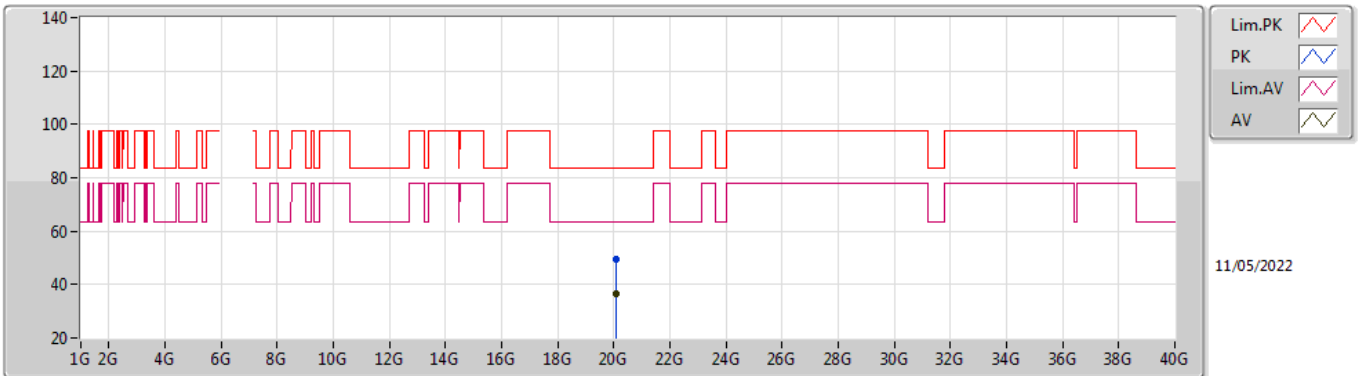


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.08316G	49.76	83.54	-33.78	46.48	1	Vertical	129	1.57	-	37.47	15.54	49.73
AV	20.08876G	36.45	63.54	-27.09	33.18	1	Vertical	129	1.57	-	37.47	15.54	49.74

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6695MHz_TnomVnom

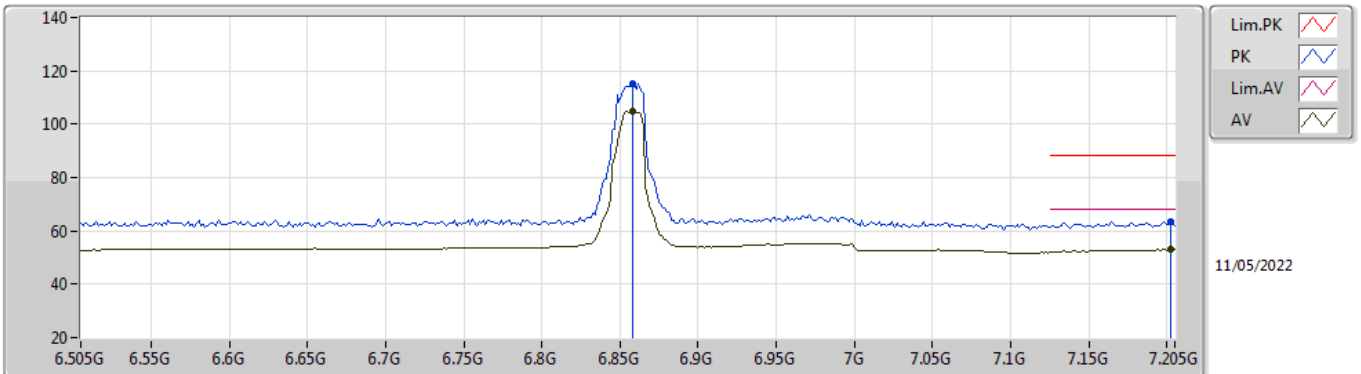


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.08672G	49.45	83.54	-34.09	46.17	1	Horizontal	32	1.54	-	37.47	15.54	49.73
AV	20.08296G	36.36	63.54	-27.18	33.08	1	Horizontal	32	1.54	-	37.47	15.54	49.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

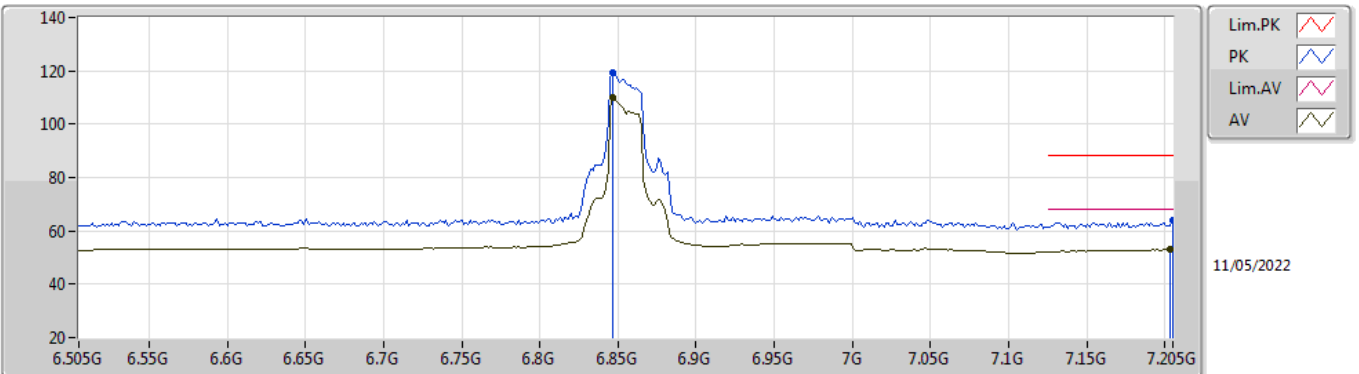


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.8578G	115.35	Inf	-Inf	104.84	3	Vertical	345	2.16	-	36.54	7.09	33.12	
RMS	6.8578G	104.95	Inf	-Inf	94.44	3	Vertical	345	2.16	-	36.54	7.09	33.12	
PK	7.2022G	63.63	88.20	-24.57	52.45	3	Vertical	345	2.16	-	37.10	7.20	33.12	
RMS	7.2022G	52.90	68.20	-15.30	41.72	3	Vertical	345	2.16	-	37.10	7.20	33.12	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

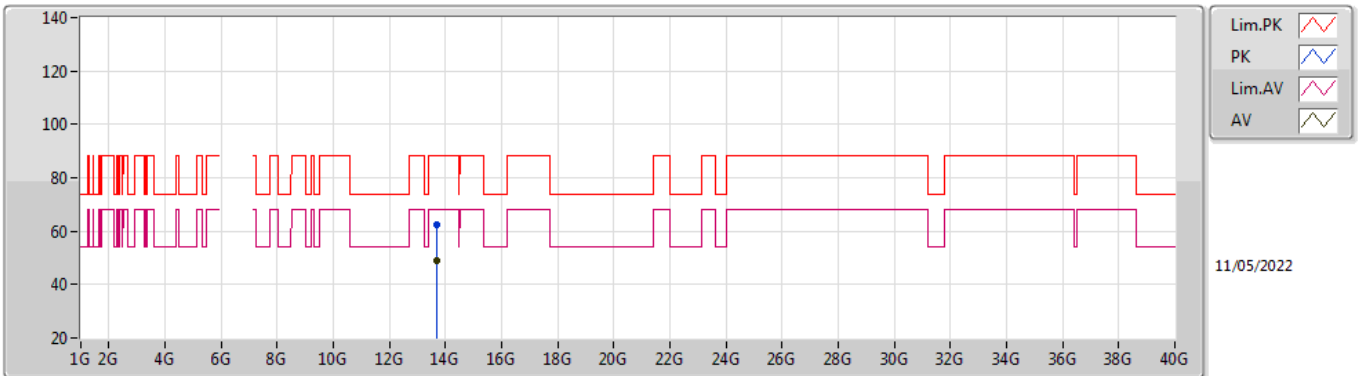


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.8466G	119.14	Inf	-Inf	108.62	3	Horizontal	63	1.31	-	36.57	7.07	33.12	
RMS	6.8466G	110.03	Inf	-Inf	99.51	3	Horizontal	63	1.31	-	36.57	7.07	33.12	
PK	7.205G	64.16	88.20	-24.04	52.97	3	Horizontal	63	1.31	-	37.10	7.21	33.12	
RMS	7.2036G	52.92	68.20	-15.28	41.74	3	Horizontal	63	1.31	-	37.10	7.20	33.12	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

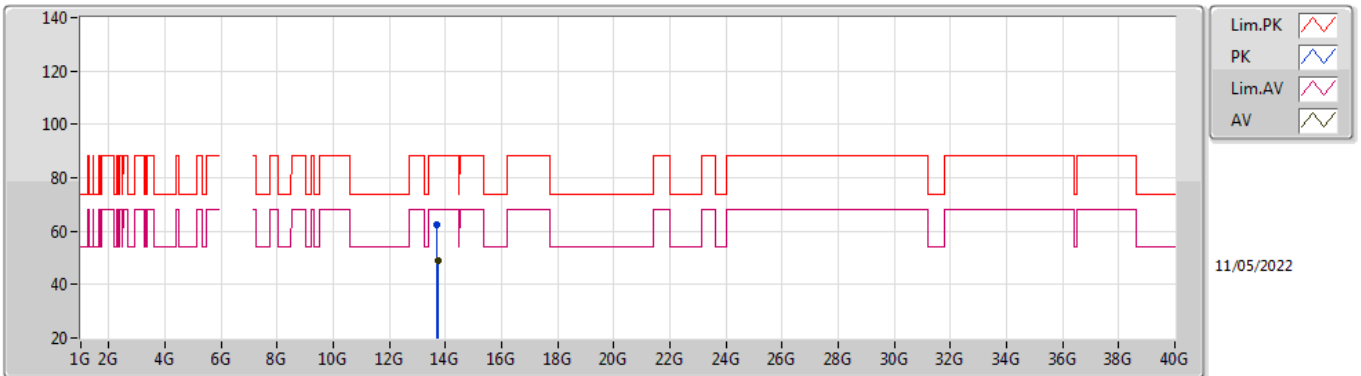


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.71244G	62.26	88.20	-25.94	43.08	3	Vertical	4	1.73	-	40.54	9.77	31.13	
RMS	13.7088G	48.98	68.20	-19.22	29.81	3	Vertical	4	1.73	-	40.53	9.77	31.13	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

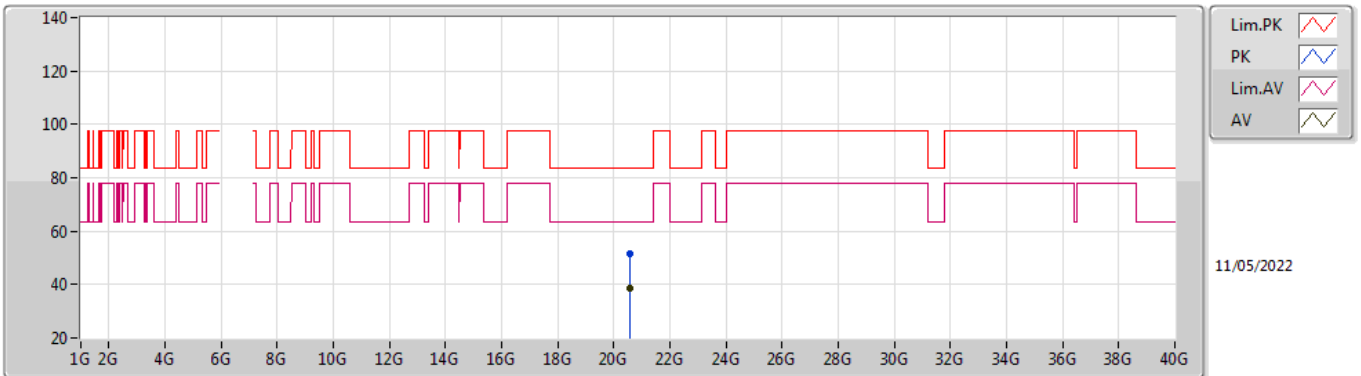


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.70508G	62.60	88.20	-25.60	43.44	3	Horizontal	340	1.50	-	40.52	9.77	31.13	
RMS	13.7145G	48.79	68.20	-19.41	29.62	3	Horizontal	340	1.50	-	40.54	9.77	31.14	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

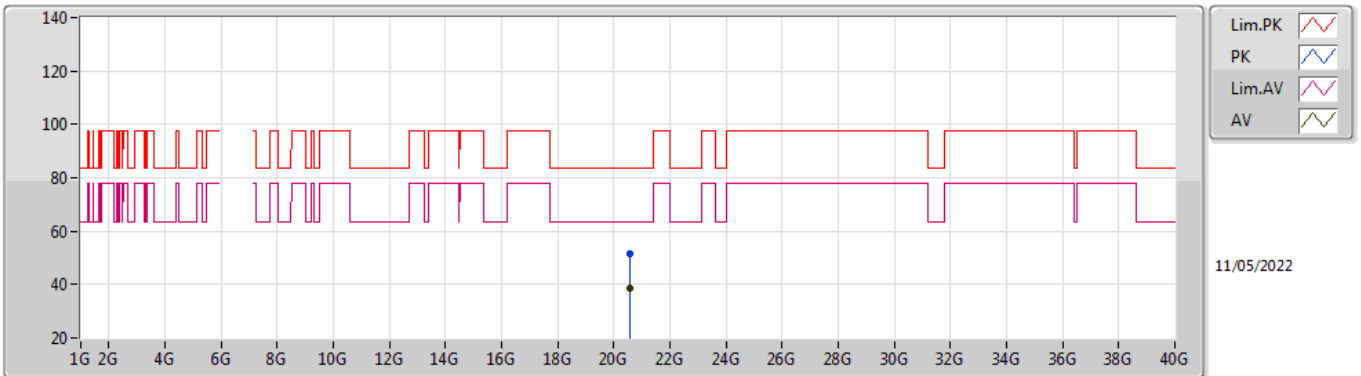


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.5606G	51.36	83.54	-32.18	47.72	1	Vertical	305	1.51	-	37.77	15.75	49.88	
AV	20.5628G	38.44	63.54	-25.10	34.78	1	Vertical	305	1.51	-	37.78	15.75	49.87	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6855MHz_TnomVnom

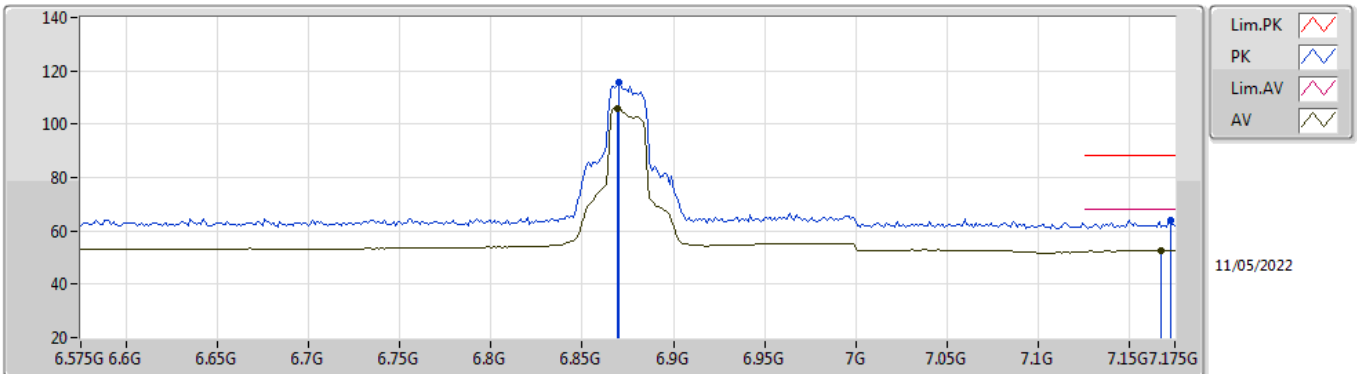


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.56868G	51.54	83.54	-32.00	47.87	1	Horizontal	192	1.58	-	37.78	15.76	49.87
AV	20.5658G	38.76	63.54	-24.78	35.10	1	Horizontal	192	1.58	-	37.78	15.75	49.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

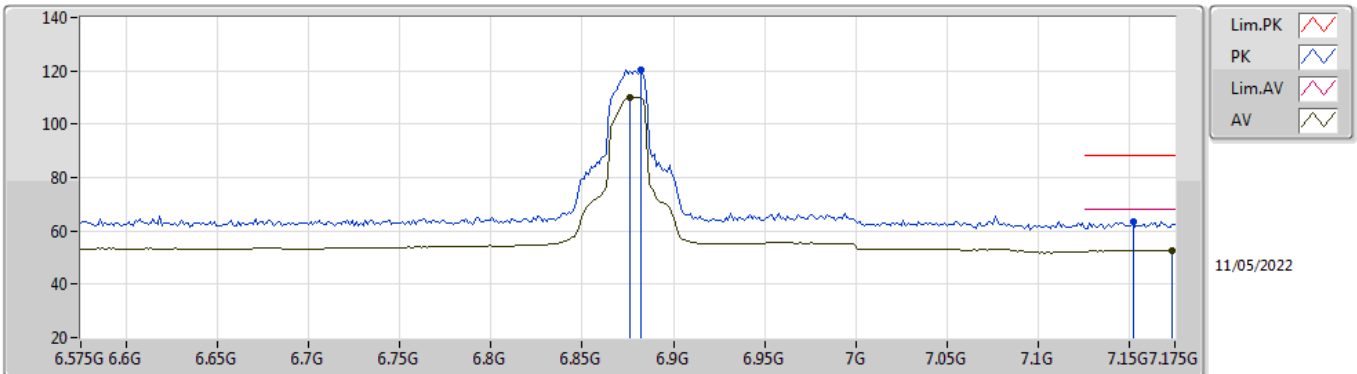


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.8702G	115.79	Inf	-Inf	105.37	3	Vertical	7	2.53	-	36.44	7.11	33.13
RMS	6.869G	105.76	Inf	-Inf	95.34	3	Vertical	7	2.53	-	36.45	7.10	33.13
PK	7.1726G	64.04	88.20	-24.16	52.97	3	Vertical	7	2.53	-	36.99	7.21	33.13
RMS	7.1678G	52.72	68.20	-15.48	41.66	3	Vertical	7	2.53	-	36.97	7.22	33.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

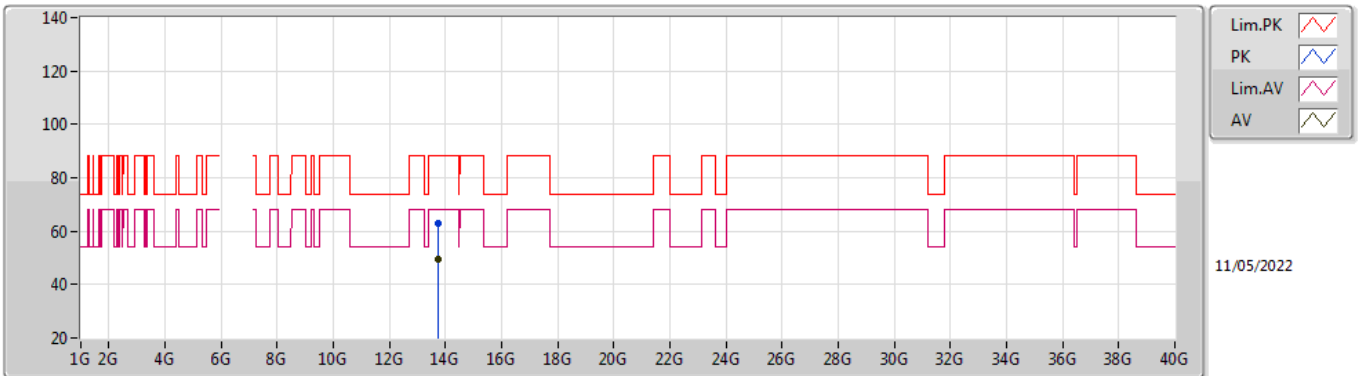


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.8822G	120.42	Inf	-Inf	110.09	3	Horizontal	56	1.04	-	36.34	7.12	33.13	
RMS	6.8762G	110.24	Inf	-Inf	99.87	3	Horizontal	56	1.04	-	36.39	7.11	33.13	
PK	7.1522G	63.38	88.20	-24.82	52.39	3	Horizontal	56	1.04	-	36.91	7.22	33.14	
RMS	7.1738G	52.75	68.20	-15.45	41.67	3	Horizontal	56	1.04	-	37.00	7.21	33.13	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

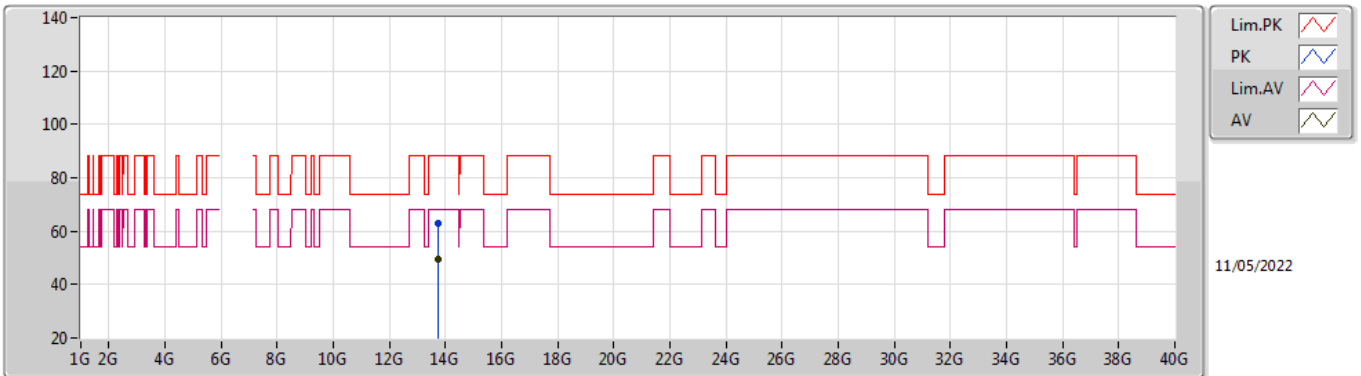


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.75006G	62.85	88.20	-25.35	43.57	3	Vertical	21	1.40	-	40.65	9.79	31.16
RMS	13.75486G	49.51	68.20	-18.69	30.22	3	Vertical	21	1.40	-	40.66	9.79	31.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

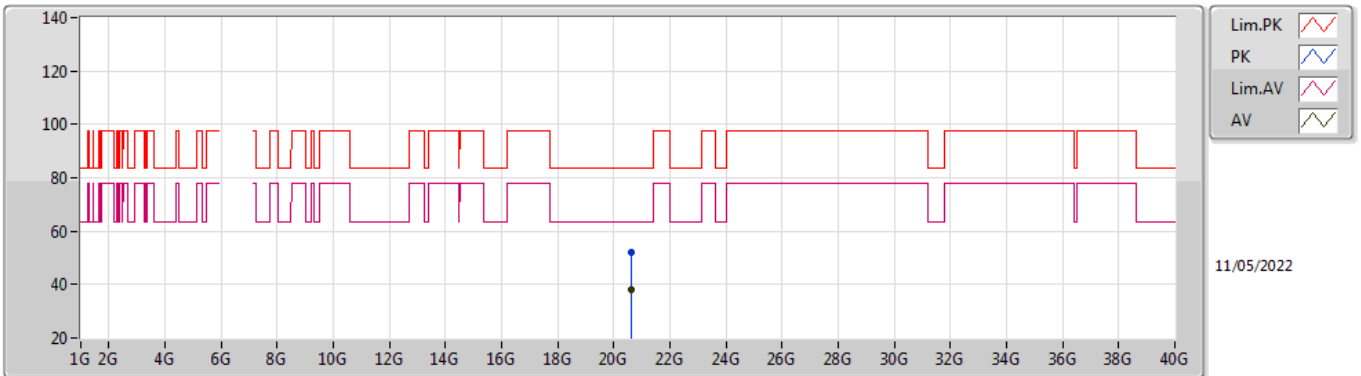


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.7522G	62.75	88.20	-25.45	43.46	3	Horizontal	140	2.14	-	40.66	9.79	31.16
RMS	13.74968G	49.61	68.20	-18.59	30.33	3	Horizontal	140	2.14	-	40.65	9.79	31.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

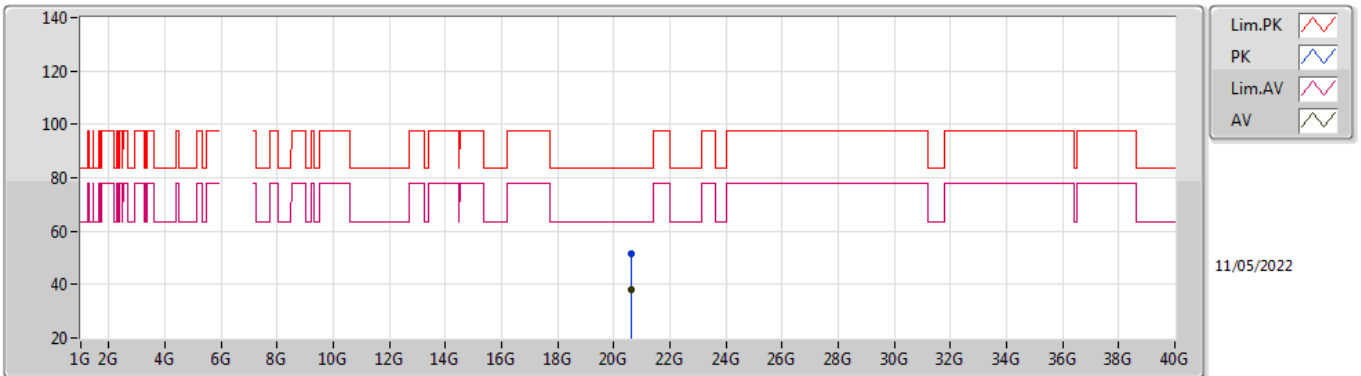


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.62678G	52.03	83.54	-31.51	48.25	1	Vertical	197	1.55	-	37.85	15.78	49.85
AV	20.62694G	38.27	63.54	-25.27	34.49	1	Vertical	197	1.55	-	37.85	15.78	49.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

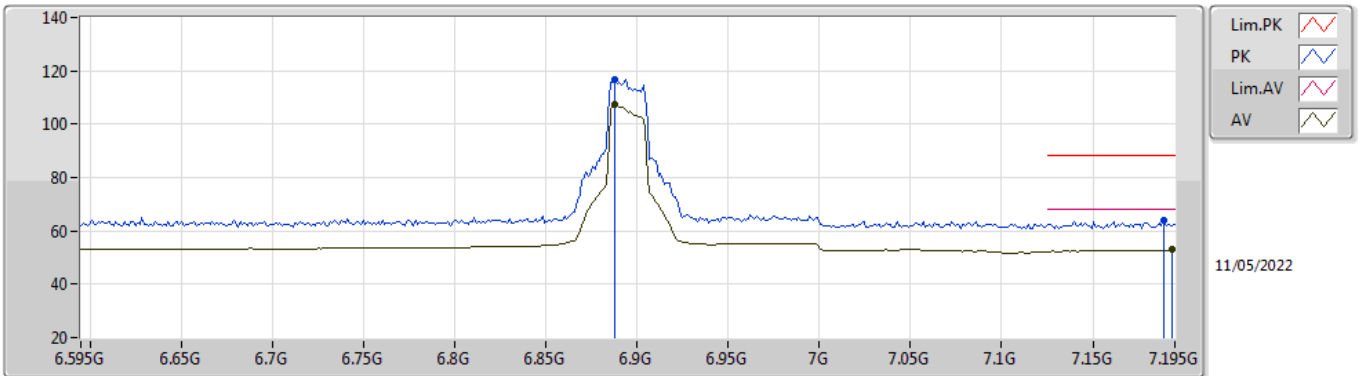


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.62084G	51.54	83.54	-32.00	47.76	1	Horizontal	97	1.52	-	37.85	15.78	49.85
AV	20.62978G	38.32	63.54	-25.22	34.53	1	Horizontal	97	1.52	-	37.86	15.78	49.85

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

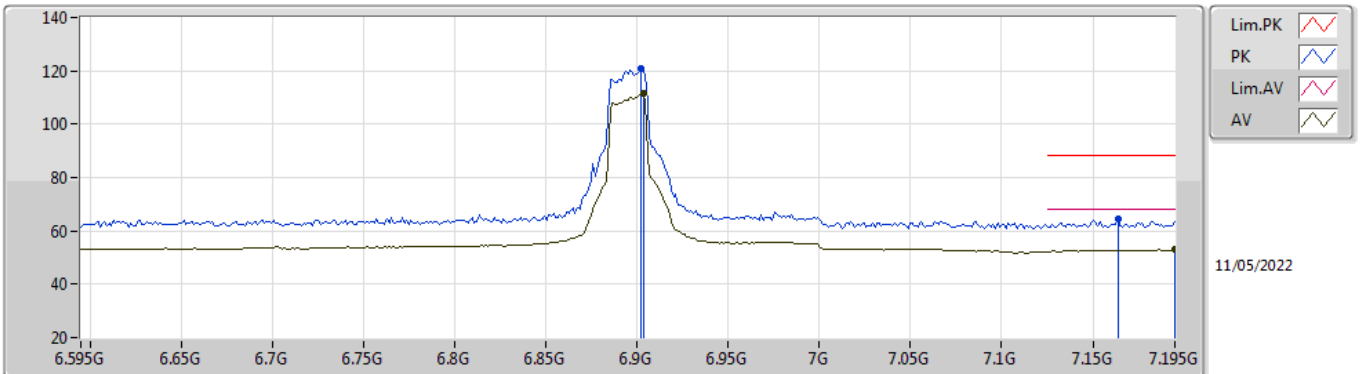


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.8878G	116.90	Inf	-Inf	106.61	3	Vertical	9	2.47	-	36.30	7.13	33.14
RMS	6.8878G	107.28	Inf	-Inf	96.99	3	Vertical	9	2.47	-	36.30	7.13	33.14
PK	7.189G	63.78	88.20	-24.42	52.63	3	Vertical	9	2.47	-	37.06	7.21	33.12
RMS	7.1938G	52.86	68.20	-15.34	41.70	3	Vertical	9	2.47	-	37.08	7.20	33.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

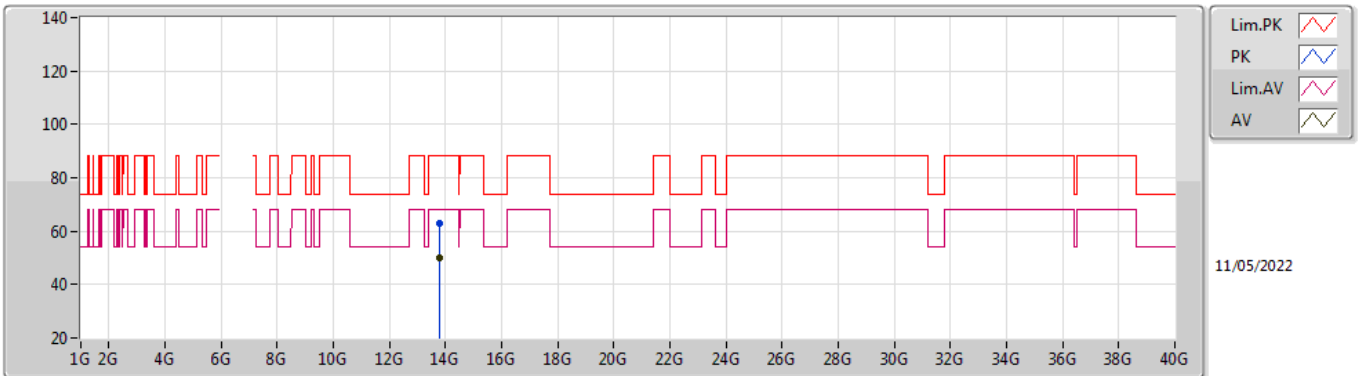


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.9022G	120.75	Inf	-Inf	110.53	3	Horizontal	56	1.05	-	36.21	7.15	33.14	
RMS	6.9034G	111.45	Inf	-Inf	101.21	3	Horizontal	56	1.05	-	36.22	7.16	33.14	
PK	7.1638G	64.71	88.20	-23.49	53.66	3	Horizontal	56	1.05	-	36.96	7.22	33.13	
RMS	7.195G	52.92	68.20	-15.28	41.76	3	Horizontal	56	1.05	-	37.08	7.20	33.12	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

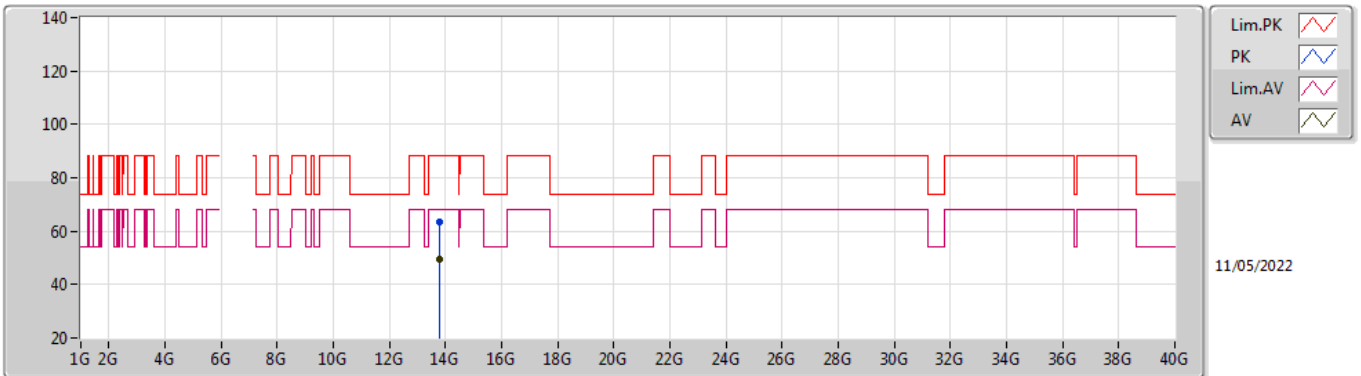


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.78992G	62.81	88.20	-25.39	43.42	3	Vertical	123	2.10	-	40.77	9.81	31.19
RMS	13.79464G	49.76	68.20	-18.44	30.36	3	Vertical	123	2.10	-	40.78	9.81	31.19

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

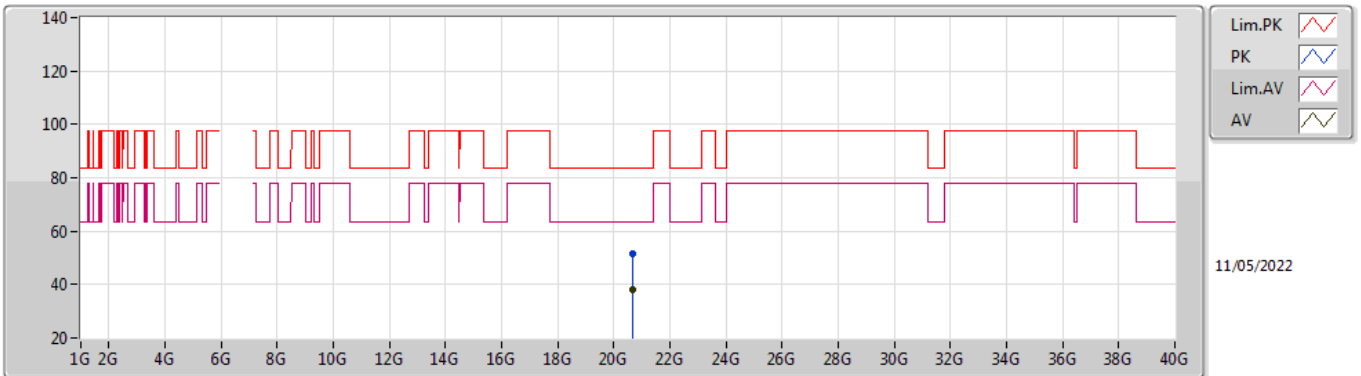


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.78958G	63.24	88.20	-24.96	43.85	3	Horizontal	56	2.73	-	40.77	9.81	31.19
RMS	13.79294G	49.63	68.20	-18.57	30.23	3	Horizontal	56	2.73	-	40.78	9.81	31.19

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

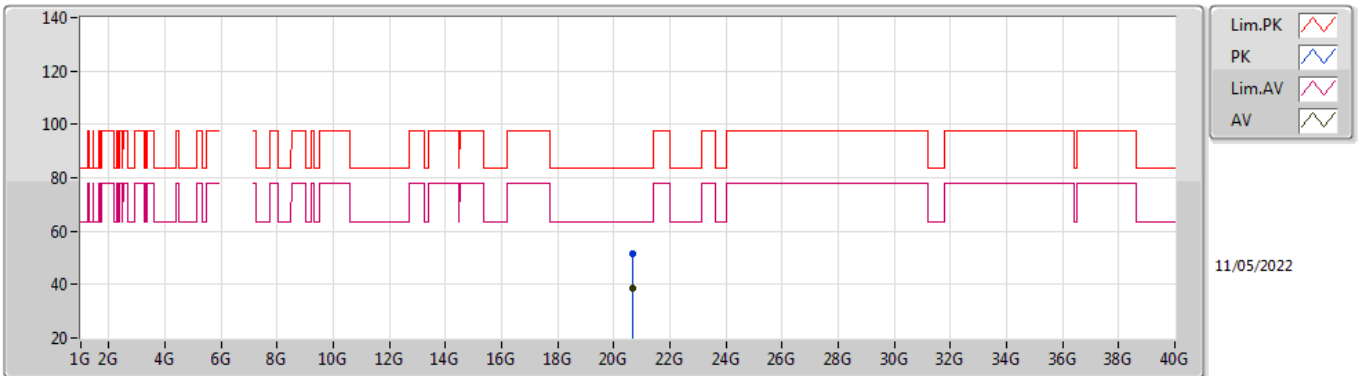


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.68796G	51.44	83.54	-32.10	47.52	1	Vertical	169	1.58	-	37.93	15.81	49.82
AV	20.68524G	38.29	63.54	-25.25	34.39	1	Vertical	169	1.58	-	37.92	15.81	49.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6895MHz_TnomVnom

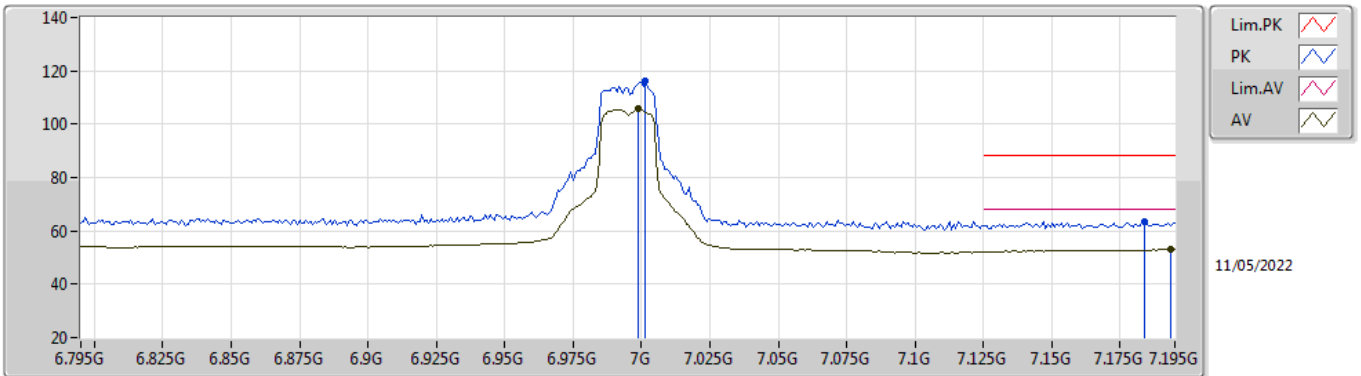


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.68448G	51.30	83.54	-32.24	47.40	1	Horizontal	216	1.52	-	37.92	15.81	49.83
AV	20.68882G	38.42	63.54	-25.12	34.50	1	Horizontal	216	1.52	-	37.93	15.81	49.82

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

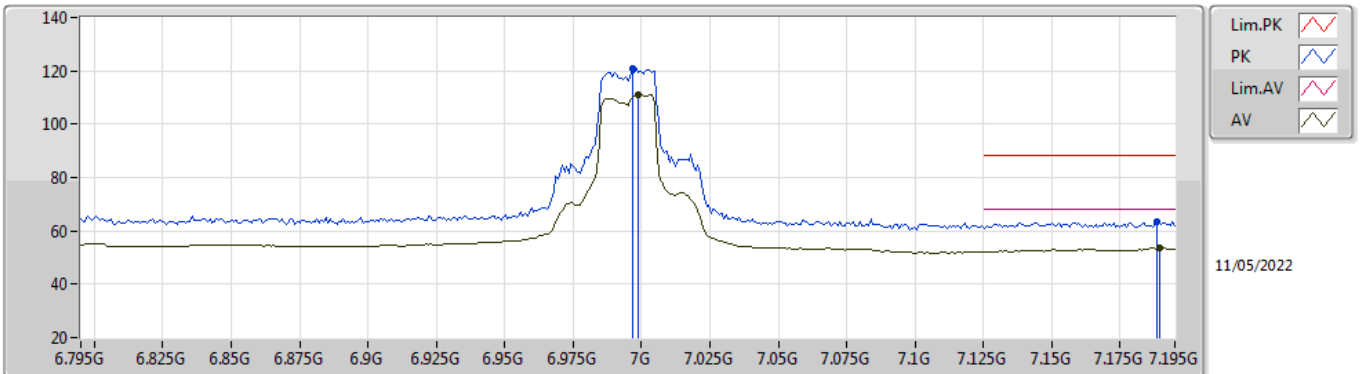


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	7.0014G	116.21	Inf	-Inf	105.79	3	Vertical	5	2.36	-	36.31	7.30	33.19
RMS	6.999G	105.99	Inf	-Inf	95.58	3	Vertical	5	2.36	-	36.30	7.30	33.19
PK	7.1838G	63.53	88.20	-24.67	52.40	3	Vertical	5	2.36	-	37.04	7.21	33.12
RMS	7.1934G	52.93	68.20	-15.27	41.78	3	Vertical	5	2.36	-	37.07	7.20	33.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

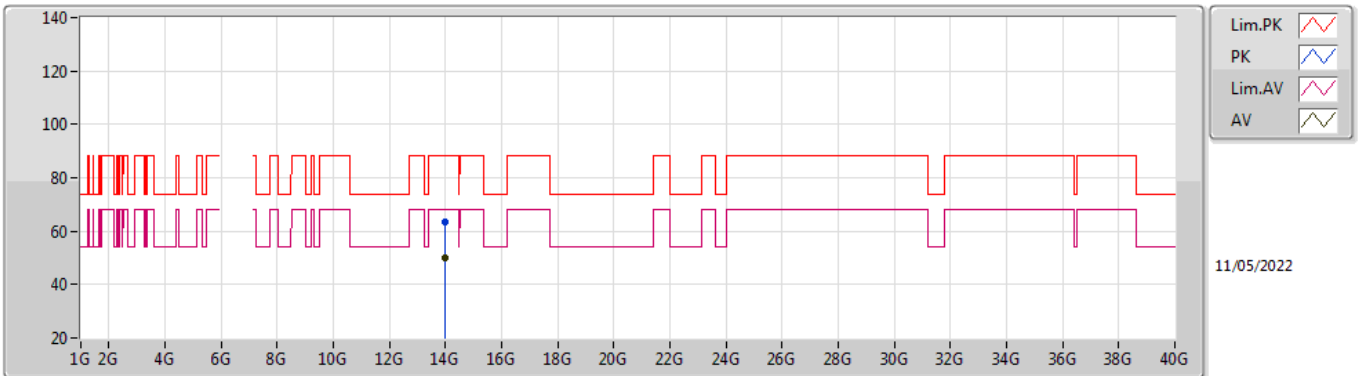


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.9966G	120.83	Inf	-Inf	110.42	3	Horizontal	50	1.00	-	36.31	7.29	33.19
RMS	6.999G	111.12	Inf	-Inf	100.71	3	Horizontal	50	1.00	-	36.30	7.30	33.19
PK	7.1886G	63.22	88.20	-24.98	52.08	3	Horizontal	50	1.00	-	37.05	7.21	33.12
RMS	7.1894G	53.52	68.20	-14.68	42.37	3	Horizontal	50	1.00	-	37.06	7.21	33.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

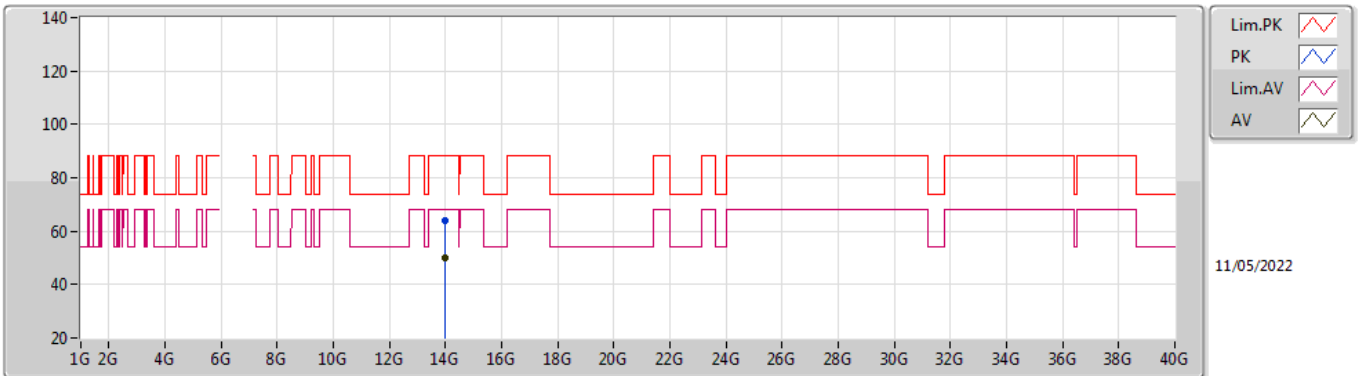


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.99152G	63.35	88.20	-24.85	43.87	3	Vertical	138	2.85	-	40.90	9.90	31.32
RMS	13.99218G	50.03	68.20	-18.17	30.55	3	Vertical	138	2.85	-	40.90	9.90	31.32

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

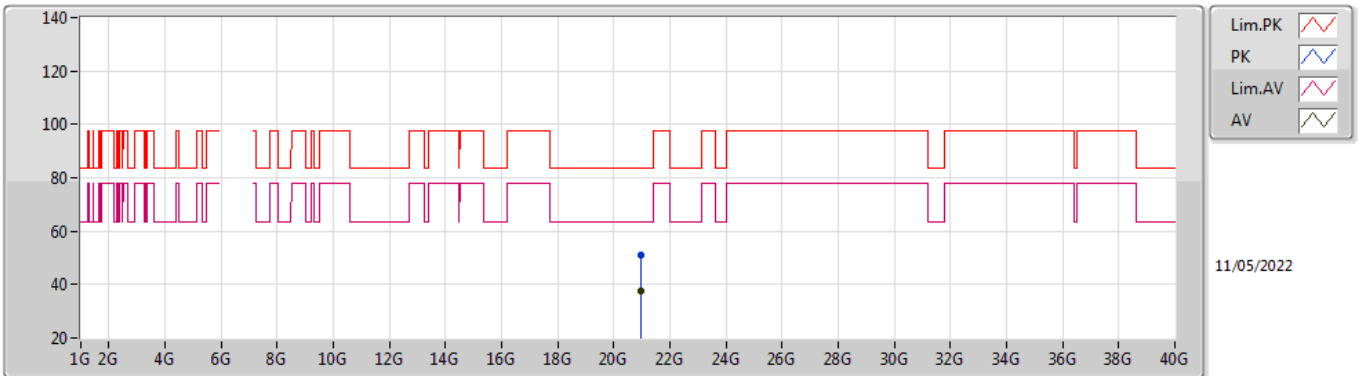


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.9932G	63.81	88.20	-24.39	44.34	3	Horizontal	94	2.51	-	40.90	9.90	31.33	
RMS	13.992G	49.78	68.20	-18.42	30.30	3	Horizontal	94	2.51	-	40.90	9.90	31.32	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

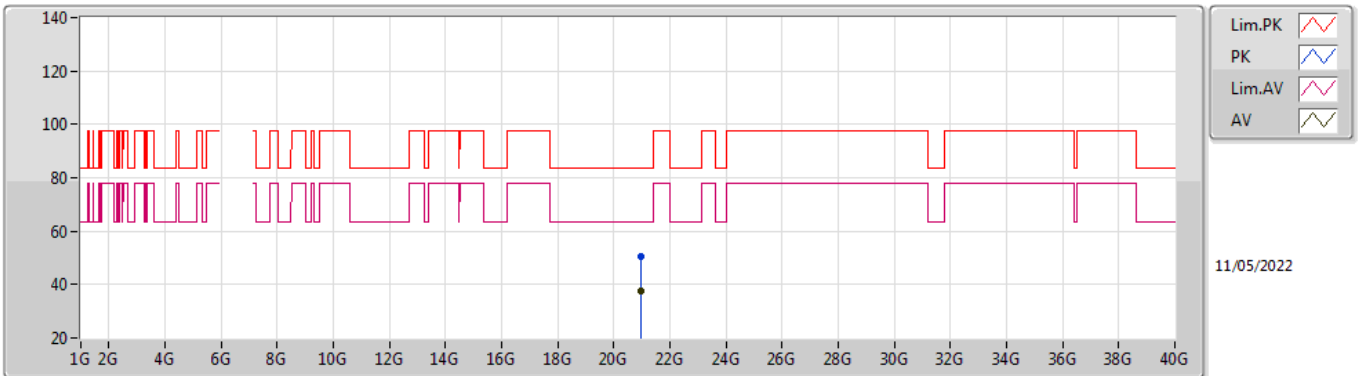


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.98696G	50.88	83.54	-32.66	47.03	1	Vertical	149	1.52	-	37.62	15.94	49.71
AV	20.9878G	37.76	63.54	-25.78	33.90	1	Vertical	149	1.52	-	37.62	15.94	49.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

6995MHz_TnomVnom

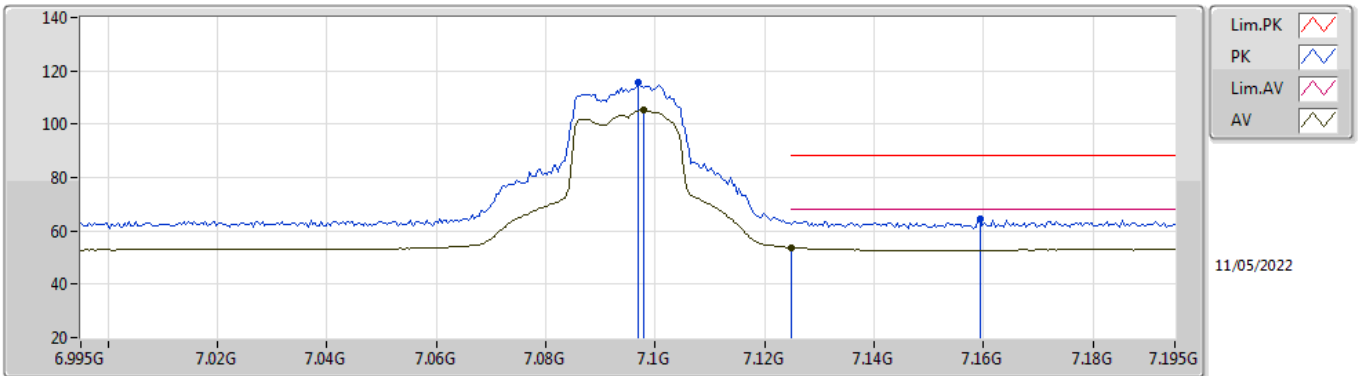


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.98754G	50.74	83.54	-32.80	46.88	1	Horizontal	353	1.51	-	37.62	15.94	49.70
AV	20.98962G	37.68	63.54	-25.86	33.81	1	Horizontal	353	1.51	-	37.62	15.95	49.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

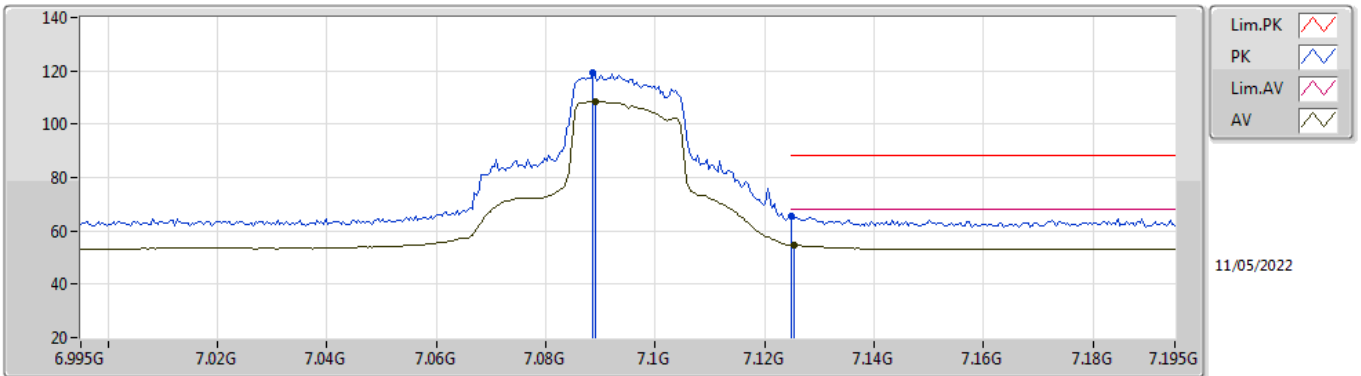


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	7.097G	115.45	Inf	-Inf	104.85	3	Vertical	9	2.37	-	36.51	7.25	33.16
RMS	7.0978G	105.21	Inf	-Inf	94.61	3	Vertical	9	2.37	-	36.50	7.25	33.15
PK	7.1594G	64.45	88.20	-23.75	53.42	3	Vertical	9	2.37	-	36.94	7.22	33.13
RMS	7.125G	53.76	68.20	-14.44	42.96	3	Vertical	9	2.37	-	36.70	7.24	33.14

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

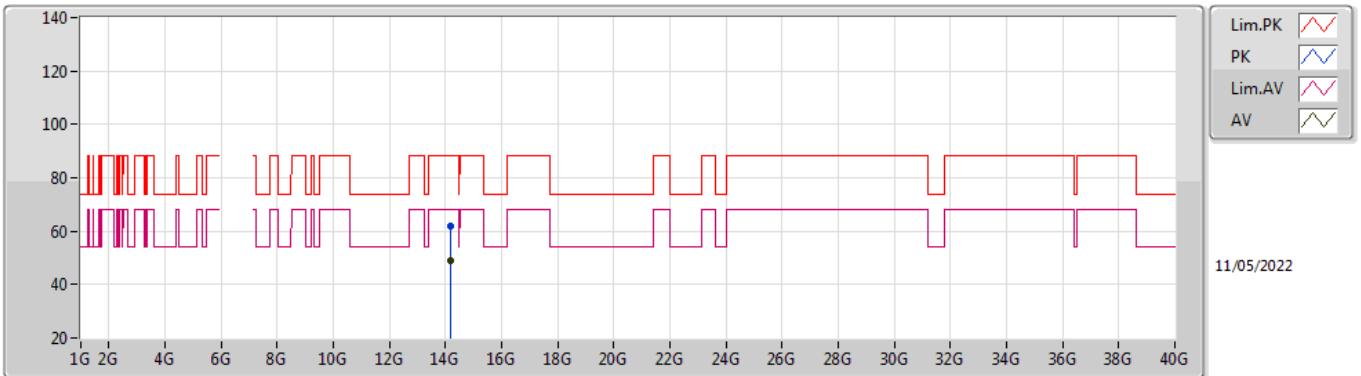


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	7.0886G	119.35	Inf	-Inf	108.73	3	Horizontal	62	1.00	-	36.52	7.26	33.16
RMS	7.089G	108.61	Inf	-Inf	97.99	3	Horizontal	62	1.00	-	36.52	7.26	33.16
PK	7.125G	65.34	88.20	-22.86	54.54	3	Horizontal	62	1.00	-	36.70	7.24	33.14
RMS	7.1254G	54.80	68.20	-13.40	44.00	3	Horizontal	62	1.00	-	36.70	7.24	33.14

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

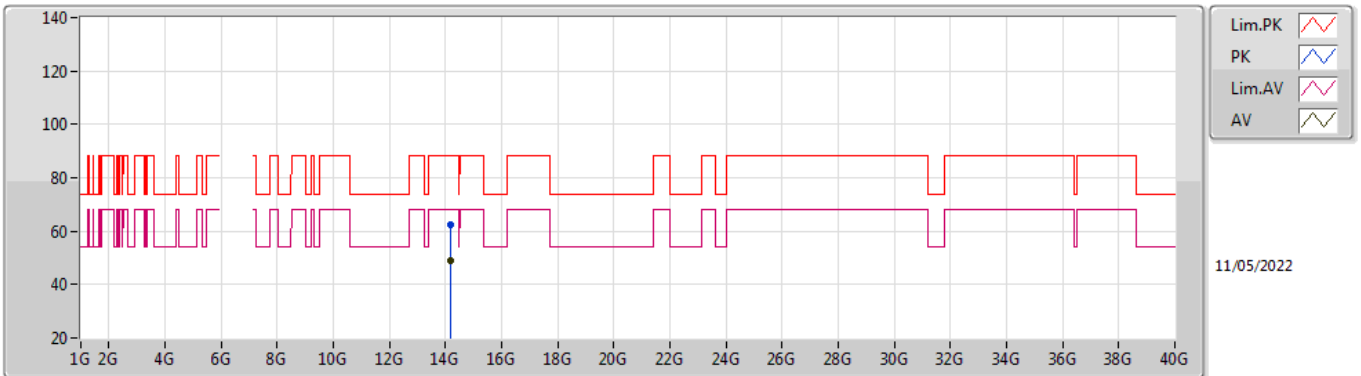


EUT_Z_4TX
Setting 80
01-L-K-4

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	14.18952G	61.70	88.20	-26.50	42.45	3	Vertical	270	3.00	-	40.81	9.96	31.52	
RMS	14.1859G	48.76	68.20	-19.44	29.50	3	Vertical	270	3.00	-	40.81	9.96	31.51	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

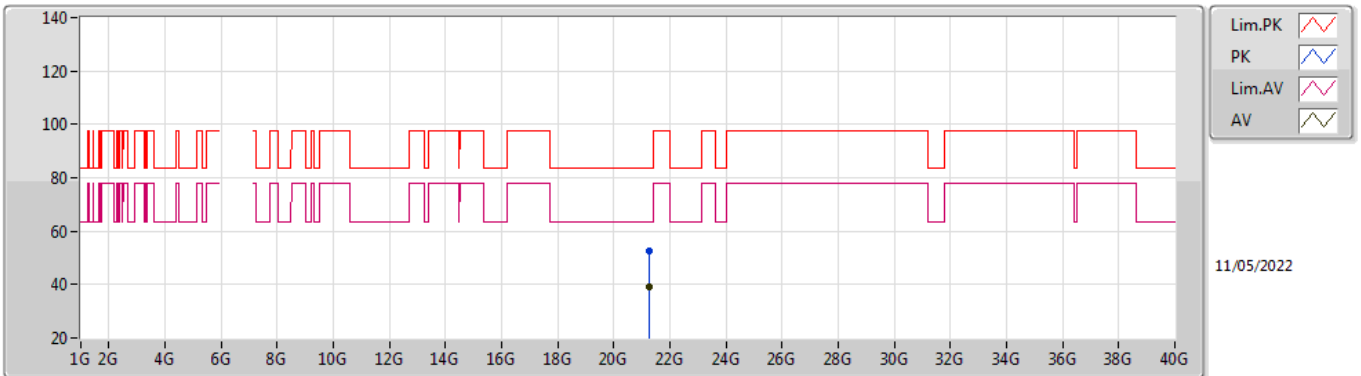


EUT_Z_4TX
Setting 80
01-L-K-4

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	14.19398G	62.35	88.20	-25.85	43.10	3	Horizontal	116	2.04	-	40.81	9.96	31.52
RMS	14.18646G	48.74	68.20	-19.46	29.48	3	Horizontal	116	2.04	-	40.81	9.96	31.51

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

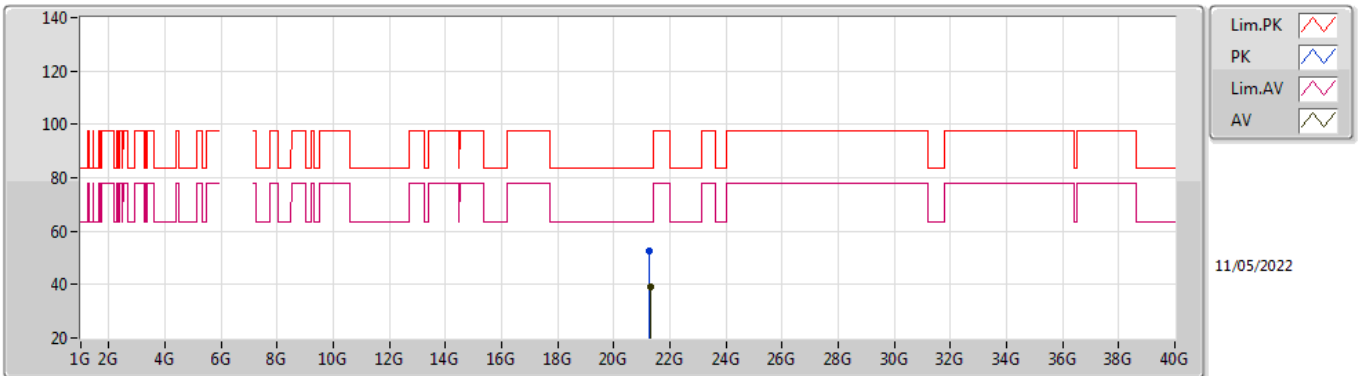


EUT_Z_4TX
Setting 80
01-L-K-4

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	21.28436G	52.51	83.54	-31.03	48.43	1	Vertical	31	1.54	-	37.64	16.08	49.64
AV	21.2818G	39.32	63.54	-24.22	35.24	1	Vertical	31	1.54	-	37.64	16.08	49.64

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

7095MHz_TnomVnom

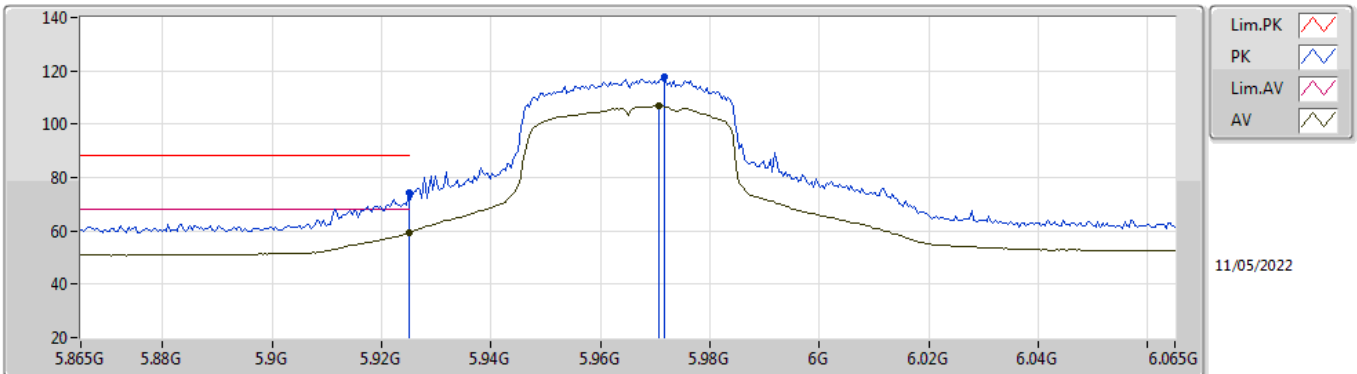


EUT_Z_4TX
Setting 80
01-L-K-4

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	21.28678G	52.77	83.54	-30.77	48.69	1	Horizontal	268	1.50	-	37.64	16.08	49.64
AV	21.28748G	39.26	63.54	-24.28	35.18	1	Horizontal	268	1.50	-	37.64	16.08	49.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5965MHz_TnomVnom

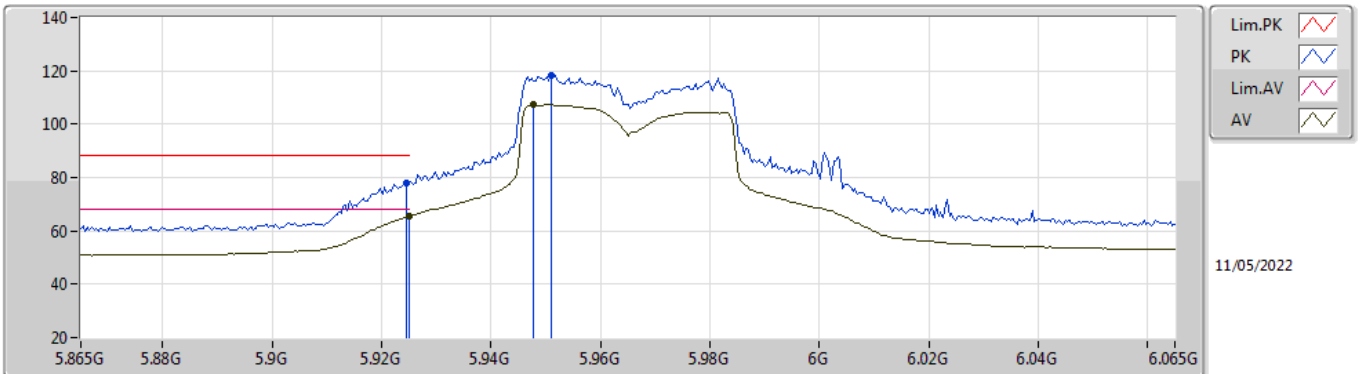


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	74.06	88.20	-14.14	65.40	3	Vertical	224	1.04	-	35.00	6.60	32.94	
RMS	5.925G	59.27	68.20	-8.93	50.61	3	Vertical	224	1.04	-	35.00	6.60	32.94	
PK	5.9718G	117.65	Inf	-Inf	108.81	3	Vertical	224	1.04	-	35.19	6.60	32.95	
RMS	5.9706G	106.89	Inf	-Inf	98.06	3	Vertical	224	1.04	-	35.18	6.60	32.95	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5965MHz_TnomVnom

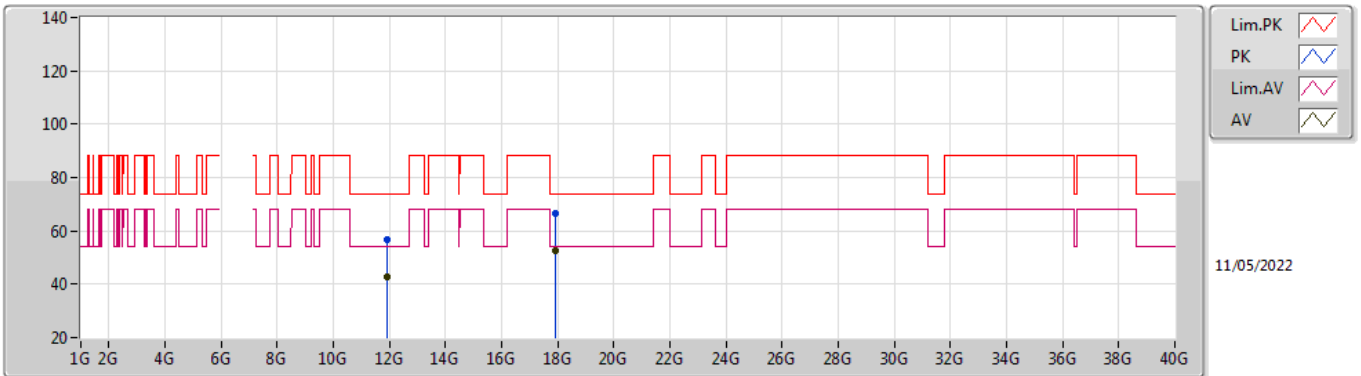


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.9246G	78.17	88.20	-10.03	69.51	3	Horizontal	340	1.04	-	35.00	6.60	32.94	
RMS	5.925G	65.49	68.20	-2.71	56.83	3	Horizontal	340	1.04	-	35.00	6.60	32.94	
PK	5.951G	118.37	Inf	-Inf	109.62	3	Horizontal	340	1.04	-	35.10	6.60	32.95	
RMS	5.9478G	107.23	Inf	-Inf	98.48	3	Horizontal	340	1.04	-	35.09	6.60	32.94	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5965MHz_TnomVnom

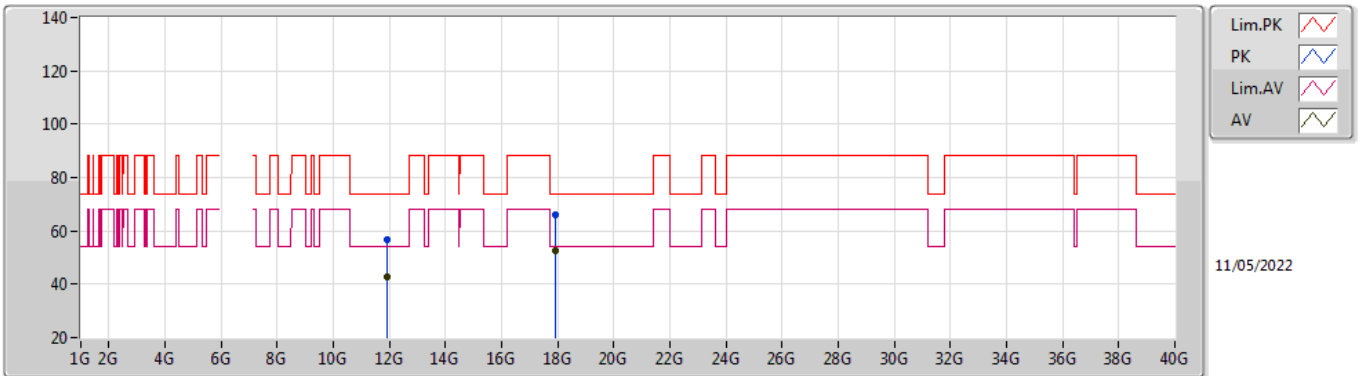


EUT_Z_4TX
Setting 80
01-L-K-4

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	11.9337G	56.90	74.00	-17.10	42.29	3	Vertical	327	2.28	-	38.50	8.98	32.87	
AV	11.92772G	42.80	54.00	-11.20	28.19	3	Vertical	327	2.28	-	38.50	8.98	32.87	
PK	17.89564G	66.41	74.00	-7.59	44.25	3	Vertical	112	1.32	-	42.78	11.07	31.69	
AV	17.89576G	52.40	54.00	-1.60	30.24	3	Vertical	112	1.32	-	42.78	11.07	31.69	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5965MHz_TnomVnom

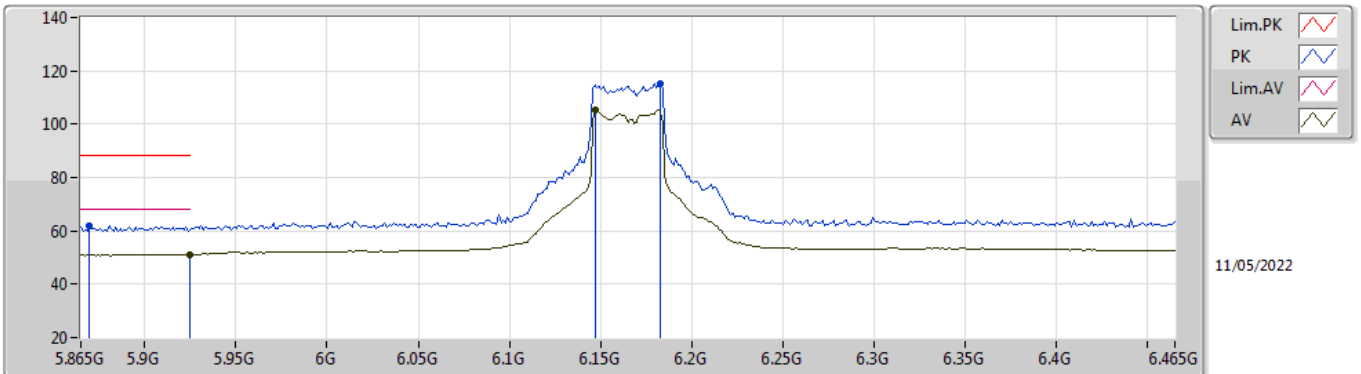


EUT_Z_4TX
Setting 80
01-L-K-4

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	11.92998G	56.89	74.00	-17.11	42.28	3	Horizontal	20	1.21	-	38.50	8.98	32.87	
AV	11.9305G	42.68	54.00	-11.32	28.07	3	Horizontal	20	1.21	-	38.50	8.98	32.87	
PK	17.89894G	65.92	74.00	-8.08	43.74	3	Horizontal	330	2.99	-	42.80	11.07	31.69	
AV	17.8939G	52.47	54.00	-1.53	30.31	3	Horizontal	330	2.99	-	42.78	11.07	31.69	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6165MHz_TnomVnom

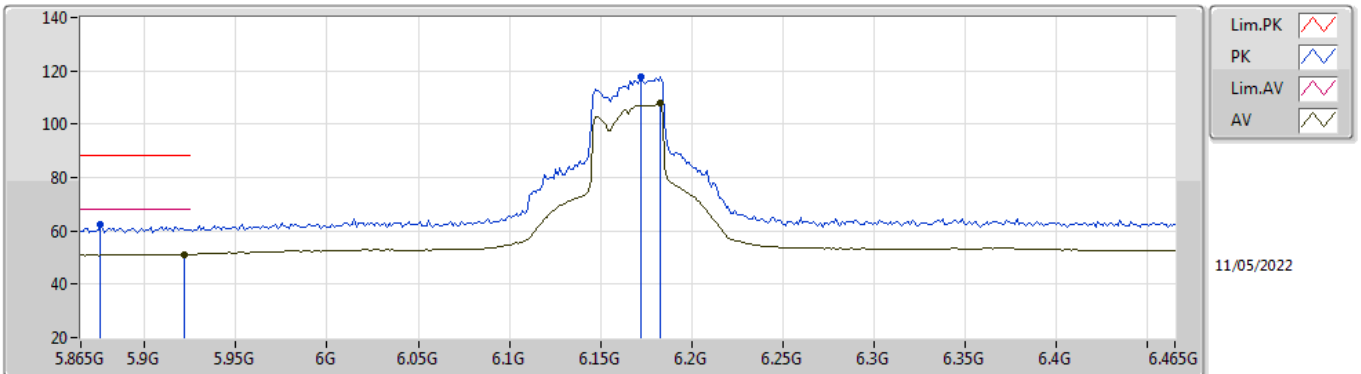


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8698G	62.12	88.20	-26.08	53.62	3	Vertical	312	1.09	-	34.84	6.60	32.94	
RMS	5.925G	51.18	68.20	-17.02	42.52	3	Vertical	312	1.09	-	35.00	6.60	32.94	
PK	6.183G	115.04	Inf	-Inf	105.69	3	Vertical	312	1.09	-	35.43	6.87	32.95	
RMS	6.147G	105.59	Inf	-Inf	96.42	3	Vertical	312	1.09	-	35.30	6.82	32.95	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6165MHz_TnomVnom

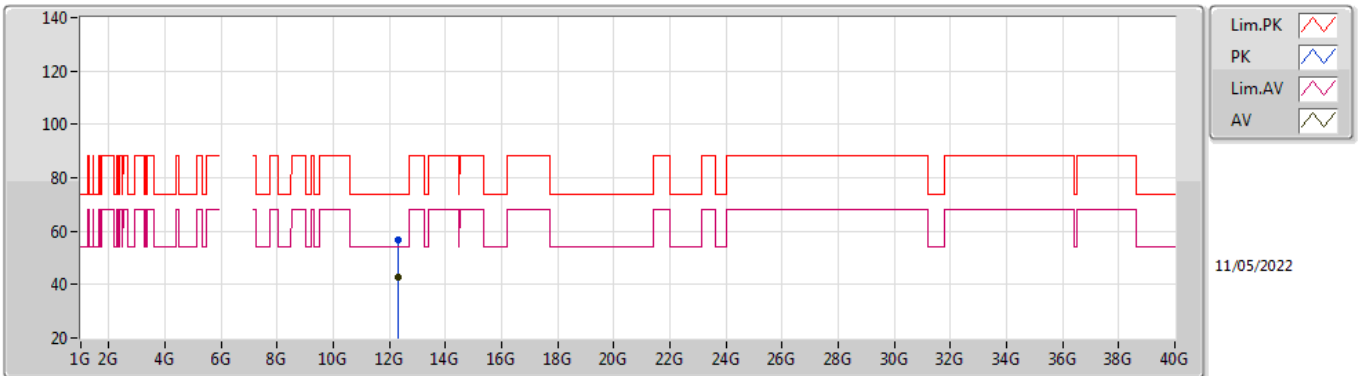


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8758G	62.55	88.20	-25.65	54.04	3	Horizontal	42	1.12	-	34.85	6.60	32.94	
RMS	5.9214G	51.25	68.20	-16.95	42.60	3	Horizontal	42	1.12	-	34.99	6.60	32.94	
PK	6.1722G	117.81	Inf	-Inf	108.51	3	Horizontal	42	1.12	-	35.39	6.86	32.95	
RMS	6.183G	108.16	Inf	-Inf	98.81	3	Horizontal	42	1.12	-	35.43	6.87	32.95	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6165MHz_TnomVnom

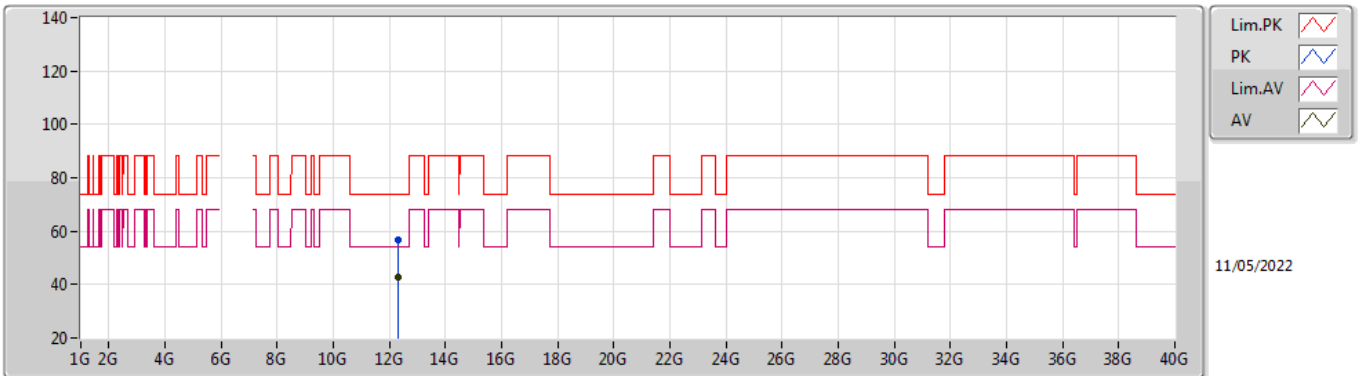


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.32532G	56.74	74.00	-17.26	41.52	3	Vertical	127	2.88	-	38.55	9.15	32.48	
AV	12.32672G	42.93	54.00	-11.07	27.70	3	Vertical	127	2.88	-	38.55	9.15	32.47	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6165MHz_TnomVnom

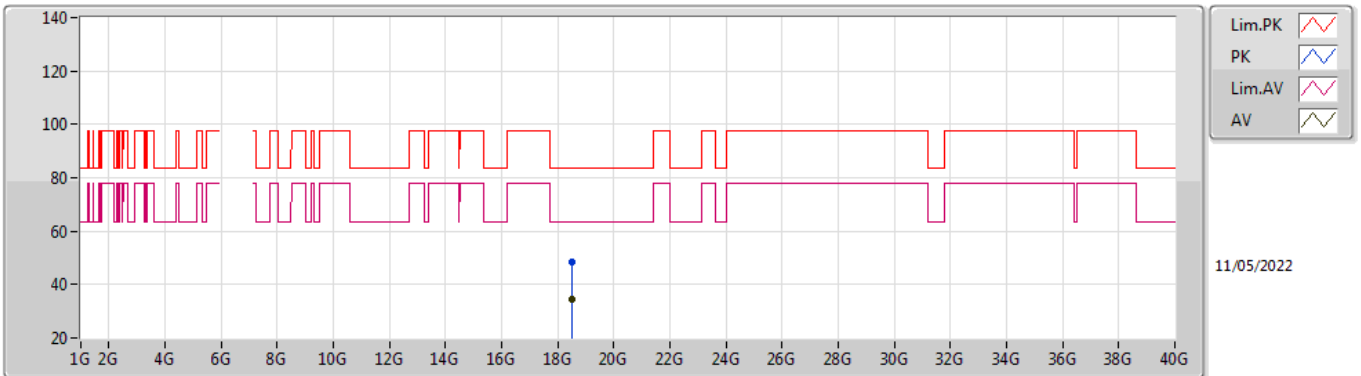


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.32938G	56.58	74.00	-17.42	41.34	3	Horizontal	263	1.90	-	38.56	9.15	32.47
AV	12.32862G	42.89	54.00	-11.11	27.65	3	Horizontal	263	1.90	-	38.56	9.15	32.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6165MHz_TnomVnom

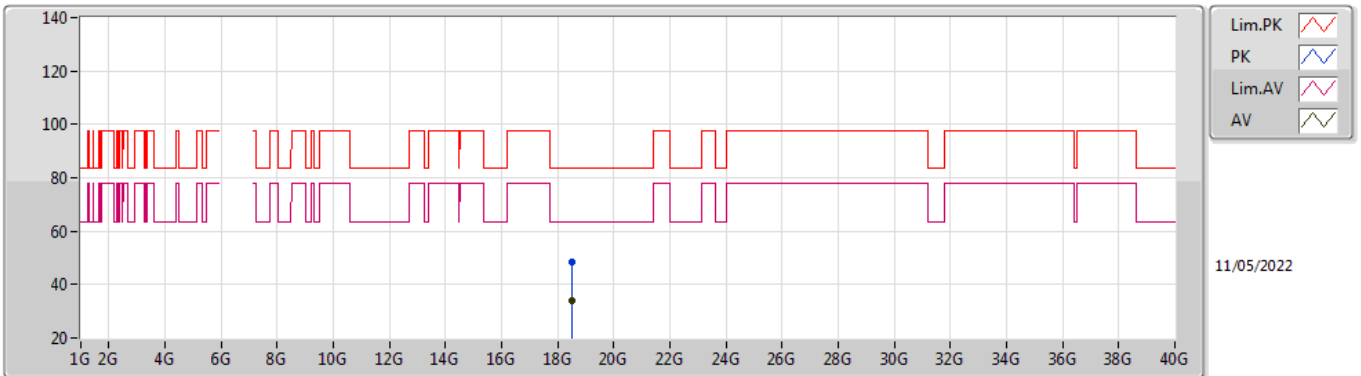


EUT_Z_4TX
Setting 80
01-L-K-4

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	18.4927G	48.43	83.54	-35.11	45.84	1	Vertical	355	1.51	-	37.79	14.90	50.10
AV	18.49218G	34.33	63.54	-29.21	31.74	1	Vertical	355	1.51	-	37.79	14.90	50.10

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6165MHz_TnomVnom

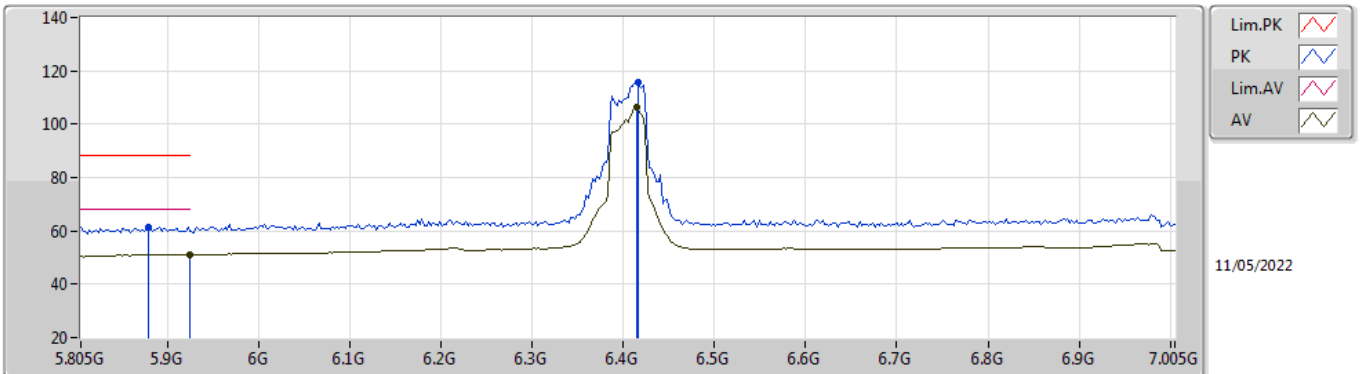


EUT_Z_4TX
Setting 80
01-L-K-4

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	18.4922G	48.20	83.54	-35.34	45.61	1	Horizontal	100	1.52	-	37.79	14.90	50.10
AV	18.4905G	34.22	63.54	-29.32	31.63	1	Horizontal	100	1.52	-	37.79	14.90	50.10

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6405MHz_TnomVnom

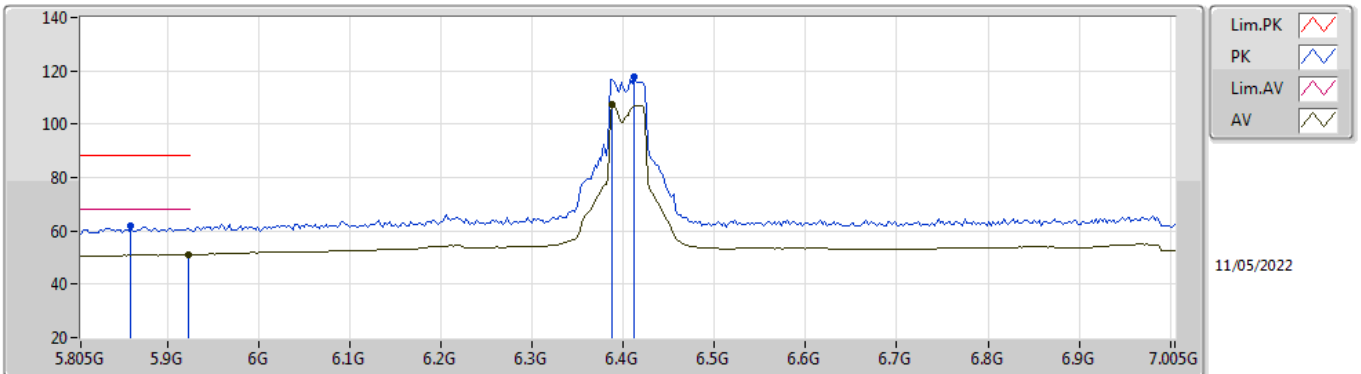


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8794G	61.59	88.20	-26.61	53.07	3	Vertical	169	2.45	-	34.86	6.60	32.94	
RMS	5.925G	50.99	68.20	-17.21	42.33	3	Vertical	169	2.45	-	35.00	6.60	32.94	
PK	6.417G	115.88	Inf	-Inf	106.30	3	Vertical	169	2.45	-	35.53	7.00	32.95	
RMS	6.4146G	106.21	Inf	-Inf	96.62	3	Vertical	169	2.45	-	35.54	7.00	32.95	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6405MHz_TnomVnom

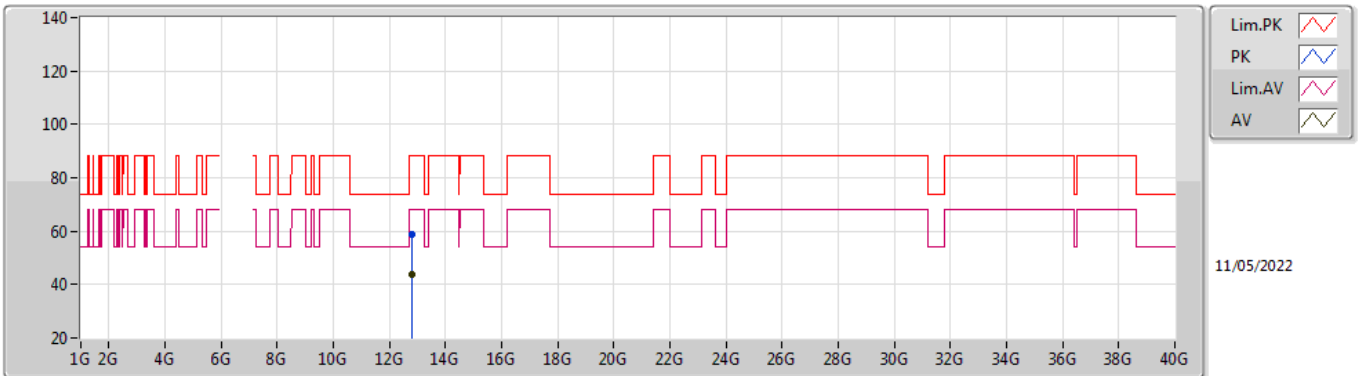


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8602G	61.82	88.20	-26.38	53.34	3	Horizontal	341	1.02	-	34.82	6.60	32.94	
RMS	5.9226G	51.11	68.20	-17.09	42.46	3	Horizontal	341	1.02	-	34.99	6.60	32.94	
PK	6.4122G	117.98	Inf	-Inf	108.38	3	Horizontal	341	1.02	-	35.55	7.00	32.95	
RMS	6.3882G	107.52	Inf	-Inf	97.95	3	Horizontal	341	1.02	-	35.53	6.99	32.95	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6405MHz_TnomVnom

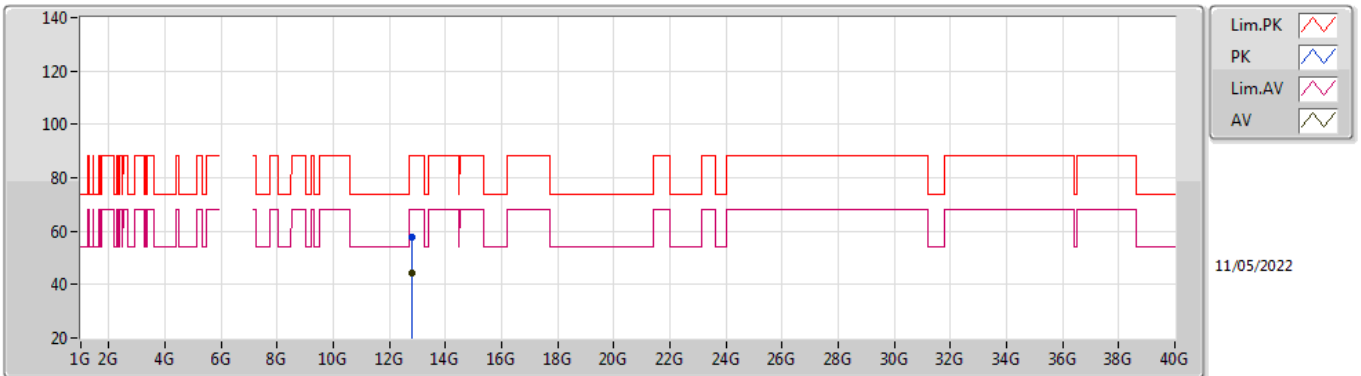


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.80582G	58.64	88.20	-29.56	41.94	3	Vertical	287	2.22	-	39.21	9.36	31.87	
RMS	12.80818G	44.00	68.20	-24.20	27.30	3	Vertical	287	2.22	-	39.21	9.36	31.87	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6405MHz_TnomVnom

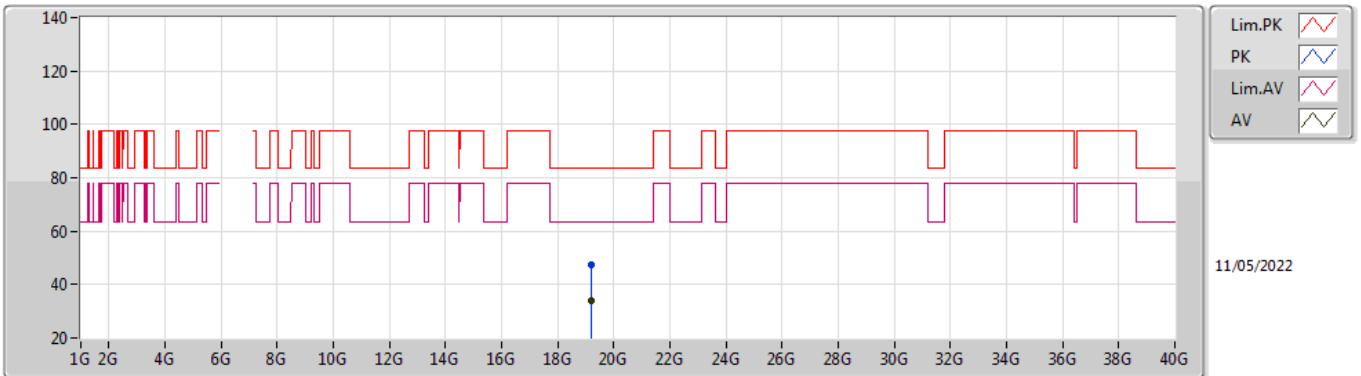


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.80766G	57.90	88.20	-30.30	41.20	3	Horizontal	23	1.80	-	39.21	9.36	31.87	
RMS	12.8081G	44.20	68.20	-24.00	27.50	3	Horizontal	23	1.80	-	39.21	9.36	31.87	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6405MHz_TnomVnom

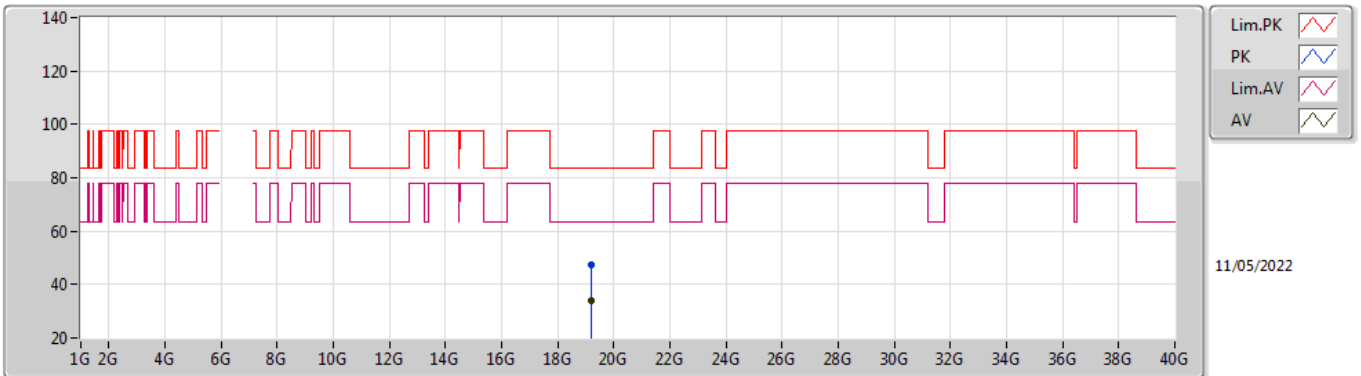


EUT_Z_4TX
Setting 80
01-L-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	19.211G	47.66	83.54	-35.88	44.37	1	Vertical	345	1.52	-	37.75	15.18	49.64	
AV	19.2109G	33.92	63.54	-29.62	30.63	1	Vertical	345	1.52	-	37.75	15.18	49.64	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6405MHz_TnomVnom

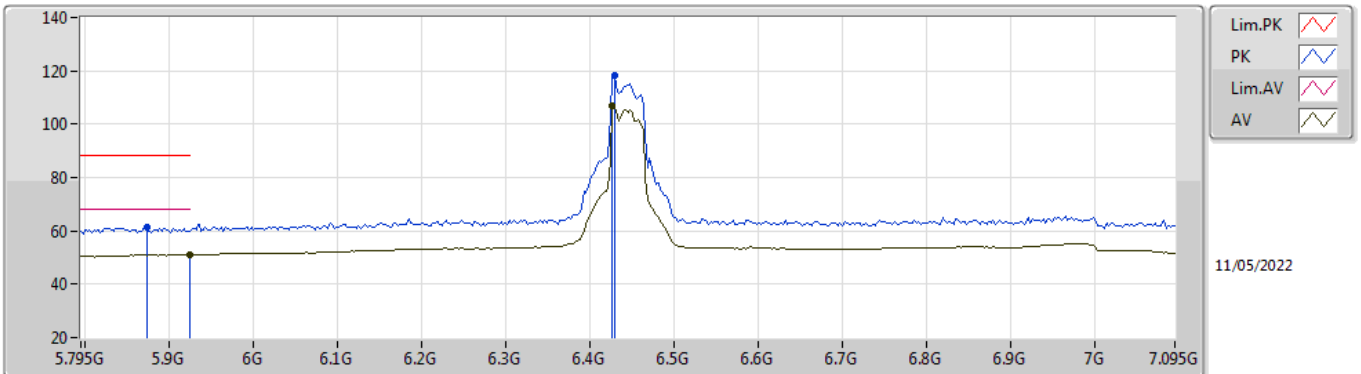


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.21462G	47.57	83.54	-35.97	44.28	1	Horizontal	146	1.54	-	37.74	15.19	49.64
AV	19.21894G	34.03	63.54	-29.51	30.74	1	Horizontal	146	1.54	-	37.74	15.19	49.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TnomVnom

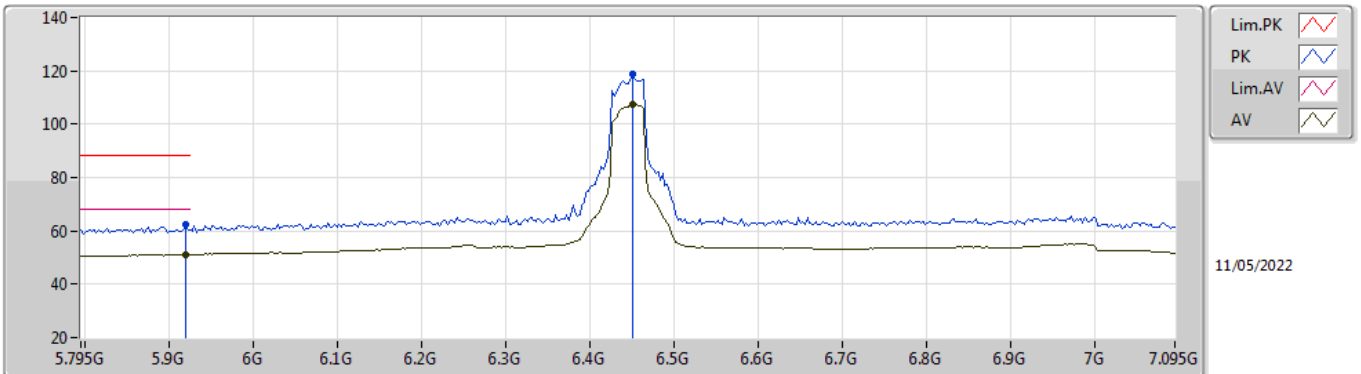


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.873G	61.62	88.20	-26.58	53.11	3	Vertical	315	1.10	-	34.85	6.60	32.94	
RMS	5.925G	51.07	68.20	-17.13	42.41	3	Vertical	315	1.10	-	35.00	6.60	32.94	
PK	6.4294G	118.50	Inf	-Inf	108.97	3	Vertical	315	1.10	-	35.48	7.00	32.95	
RMS	6.4268G	106.91	Inf	-Inf	97.37	3	Vertical	315	1.10	-	35.49	7.00	32.95	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TnomVnom

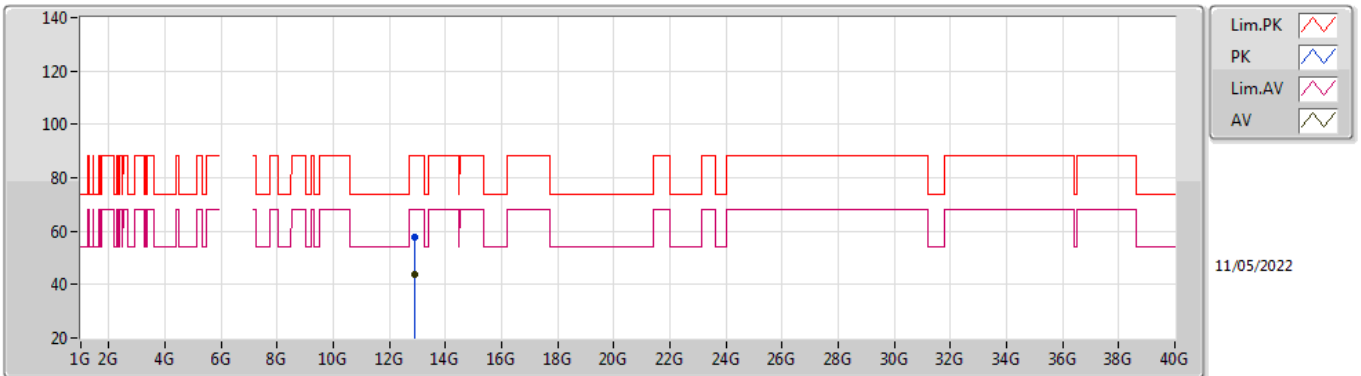


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.9198G	62.19	88.20	-26.01	53.55	3	Horizontal	337	1.02	-	34.98	6.60	32.94	
RMS	5.9198G	51.05	68.20	-17.15	42.41	3	Horizontal	337	1.02	-	34.98	6.60	32.94	
PK	6.4502G	118.56	Inf	-Inf	109.11	3	Horizontal	337	1.02	-	35.40	7.00	32.95	
RMS	6.4502G	107.65	Inf	-Inf	98.20	3	Horizontal	337	1.02	-	35.40	7.00	32.95	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TnomVnom

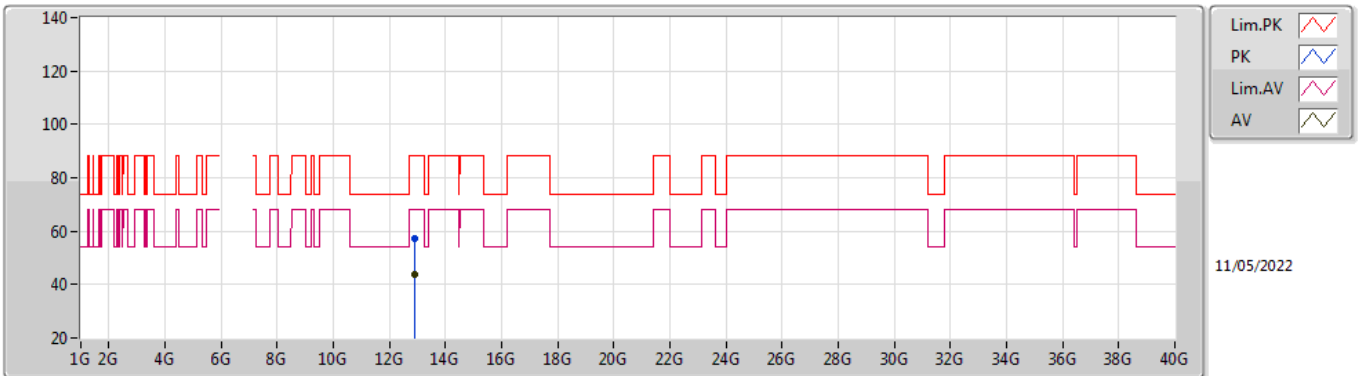


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.89334G	57.91	88.20	-30.29	40.98	3	Vertical	65	1.23	-	39.29	9.40	31.76
RMS	12.89072G	43.83	68.20	-24.37	26.90	3	Vertical	65	1.23	-	39.29	9.40	31.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TnomVnom

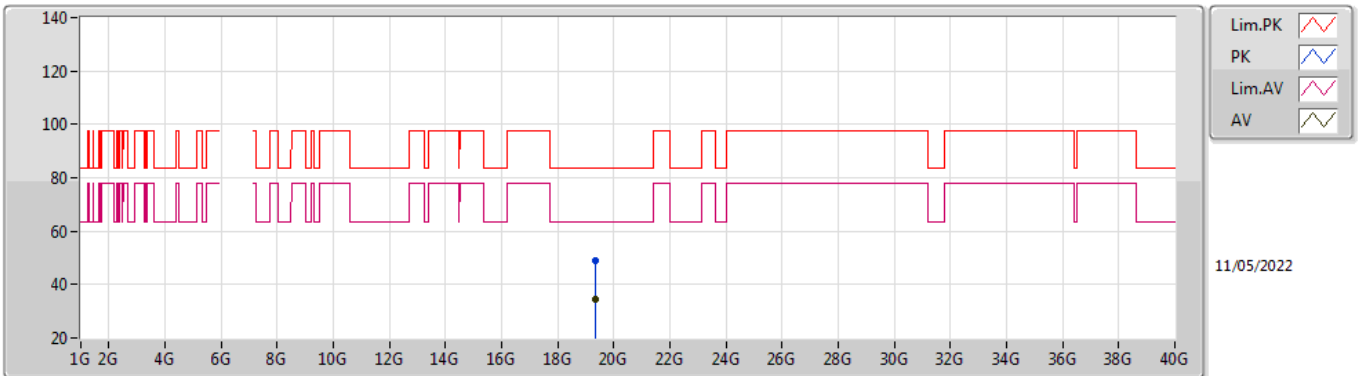


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.88934G	57.28	88.20	-30.92	40.35	3	Horizontal	264	2.46	-	39.29	9.40	31.76
RMS	12.89256G	43.74	68.20	-24.46	26.81	3	Horizontal	264	2.46	-	39.29	9.40	31.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TnomVnom

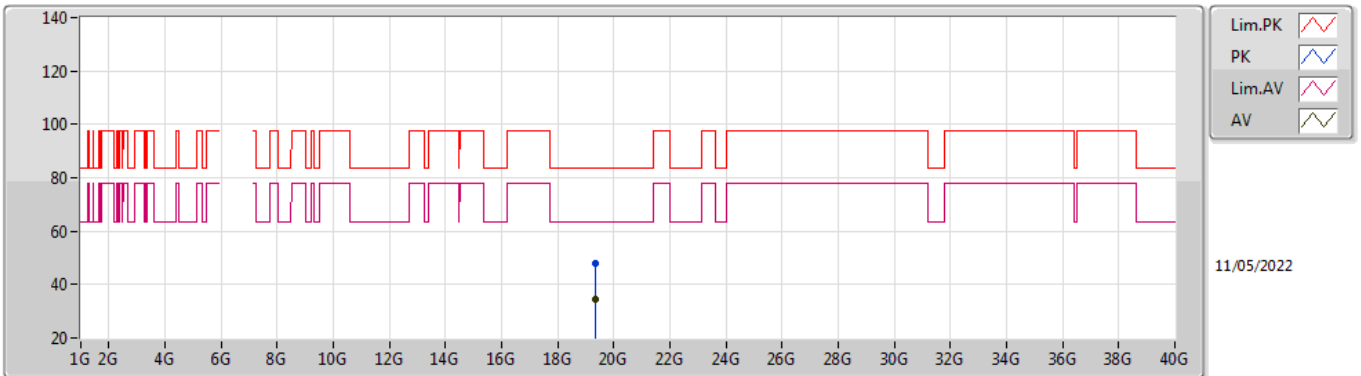


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.3306G	49.04	83.54	-34.50	45.72	1	Vertical	359	1.51	-	37.76	15.23	49.67	
AV	19.33154G	34.60	63.54	-28.94	31.27	1	Vertical	359	1.51	-	37.77	15.23	49.67	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6445MHz_TnomVnom

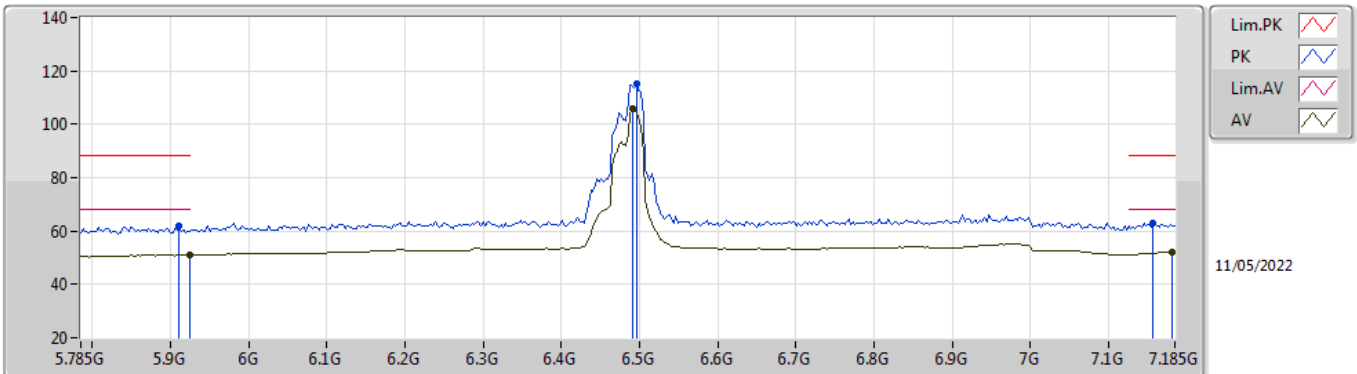


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.33762G	48.15	83.54	-35.39	44.81	1	Horizontal	47	1.50	-	37.77	15.24	49.67
AV	19.3316G	34.50	63.54	-29.04	31.17	1	Horizontal	47	1.50	-	37.77	15.23	49.67

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6485MHz_TnomVnom

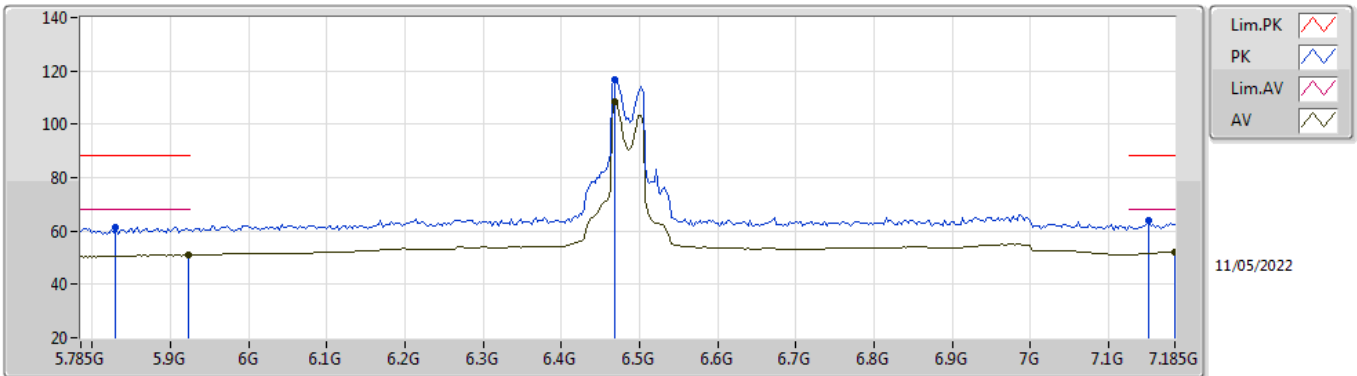


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.911G	61.73	88.20	-26.47	53.13	3	Vertical	176	2.55	-	34.94	6.60	32.94
RMS	5.925G	51.02	68.20	-17.18	42.36	3	Vertical	176	2.55	-	35.00	6.60	32.94
PK	6.4962G	115.25	Inf	-Inf	105.62	3	Vertical	176	2.55	-	35.58	7.00	32.95
RMS	6.4906G	105.79	Inf	-Inf	96.18	3	Vertical	176	2.55	-	35.56	7.00	32.95
PK	7.157G	63.14	88.20	-25.06	52.12	3	Vertical	176	2.55	-	36.93	7.22	33.13
RMS	7.1822G	52.26	68.20	-15.94	41.14	3	Vertical	176	2.55	-	37.03	7.21	33.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6485MHz_TnomVnom

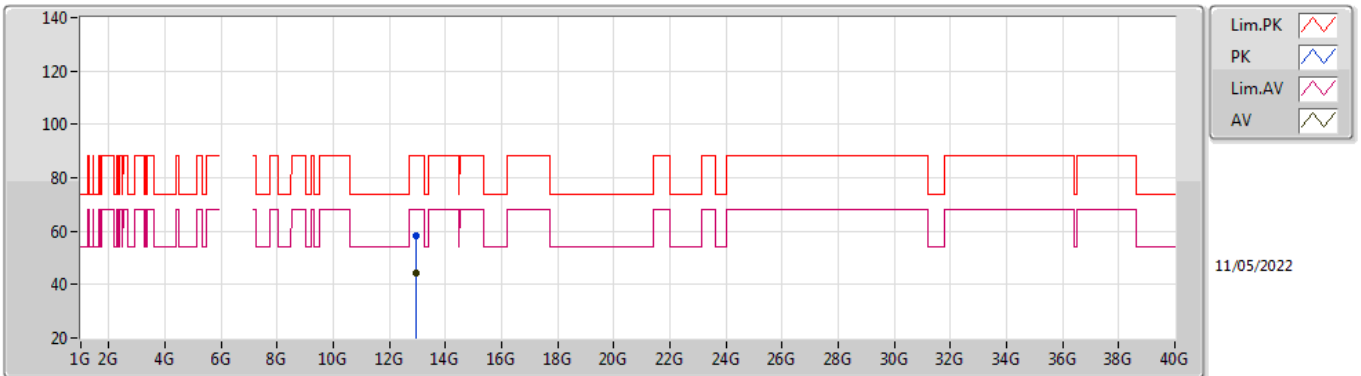


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8298G	61.57	88.20	-26.63	53.26	3	Horizontal	0	1.14	-	34.64	6.60	32.93
RMS	5.9222G	50.95	68.20	-17.25	42.30	3	Horizontal	0	1.14	-	34.99	6.60	32.94
PK	6.4682G	116.96	Inf	-Inf	107.44	3	Horizontal	0	1.14	-	35.47	7.00	32.95
RMS	6.4682G	108.64	Inf	-Inf	99.12	3	Horizontal	0	1.14	-	35.47	7.00	32.95
PK	7.1514G	63.83	88.20	-24.37	52.84	3	Horizontal	0	1.14	-	36.91	7.22	33.14
RMS	7.185G	52.13	68.20	-16.07	41.00	3	Horizontal	0	1.14	-	37.04	7.21	33.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6485MHz_TnomVnom

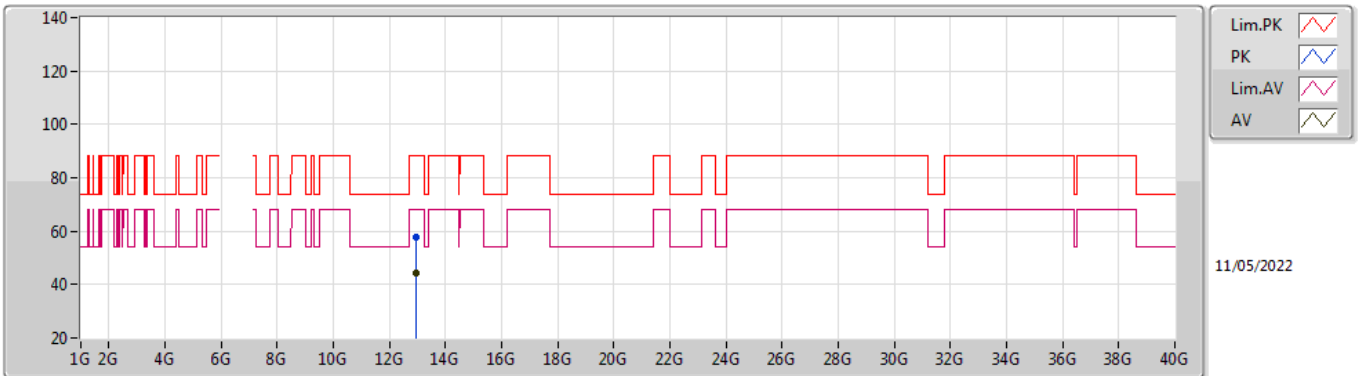


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.97334G	58.33	88.20	-29.87	41.02	3	Vertical	200	1.19	-	39.52	9.44	31.65
RMS	12.96766G	44.44	68.20	-23.76	27.16	3	Vertical	200	1.19	-	39.50	9.44	31.66

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6485MHz_TnomVnom

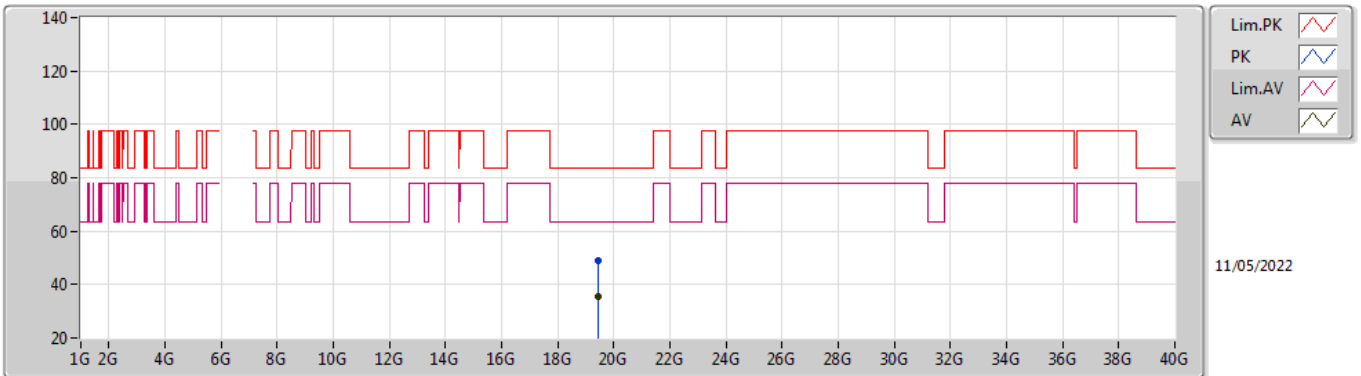


EUT_Z_4TX
Setting 80
01-L-K-4

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	12.9669G	57.54	88.20	-30.66	40.26	3	Horizontal	48	2.08	-	39.50	9.44	31.66	
RMS	12.97322G	44.42	68.20	-23.78	27.11	3	Horizontal	48	2.08	-	39.52	9.44	31.65	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6485MHz_TnomVnom

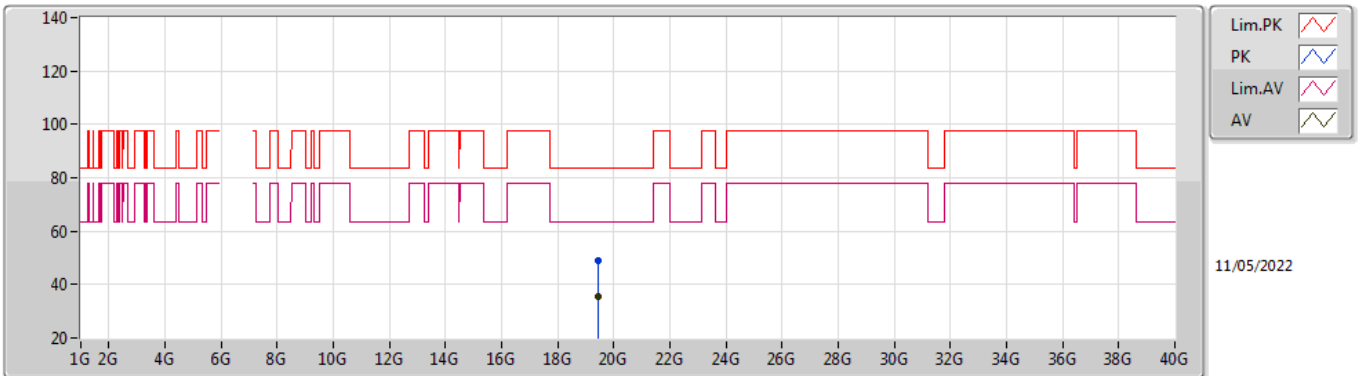


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.45142G	48.94	83.54	-34.60	45.49	1	Vertical	341	1.56	-	37.86	15.28	49.69
AV	19.45348G	35.34	63.54	-28.20	31.89	1	Vertical	341	1.56	-	37.86	15.28	49.69

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6485MHz_TnomVnom

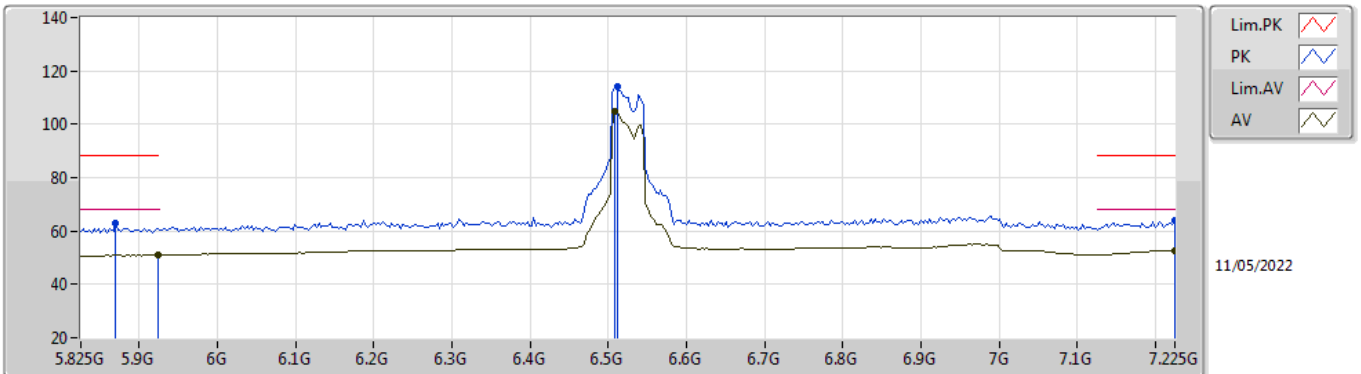


EUT_Z_4TX
Setting 80
01-L-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	19.4592G	49.16	83.54	-34.38	45.70	1	Horizontal	330	1.54	-	37.87	15.28	49.69	
AV	19.45514G	35.27	63.54	-28.27	31.82	1	Horizontal	330	1.54	-	37.86	15.28	49.69	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

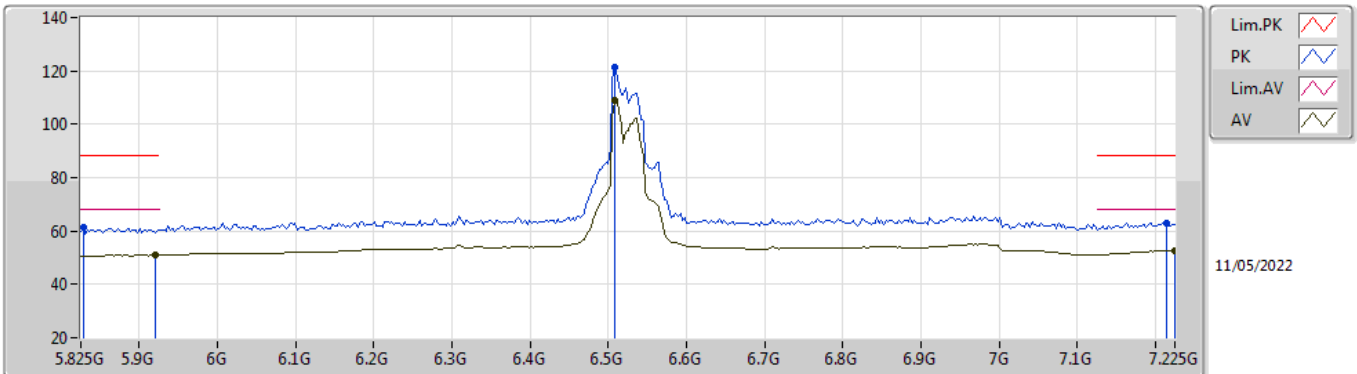


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8698G	62.77	88.20	-25.43	54.27	3	Vertical	350	2.34	-	34.84	6.60	32.94
RMS	5.923G	51.05	68.20	-17.15	42.40	3	Vertical	350	2.34	-	34.99	6.60	32.94
PK	6.511G	114.06	Inf	-Inf	104.38	3	Vertical	350	2.34	-	35.64	7.00	32.96
RMS	6.5082G	104.71	Inf	-Inf	95.03	3	Vertical	350	2.34	-	35.63	7.00	32.95
PK	7.225G	63.72	88.20	-24.48	52.50	3	Vertical	350	2.34	-	37.10	7.23	33.11
RMS	7.225G	52.84	68.20	-15.36	41.62	3	Vertical	350	2.34	-	37.10	7.23	33.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

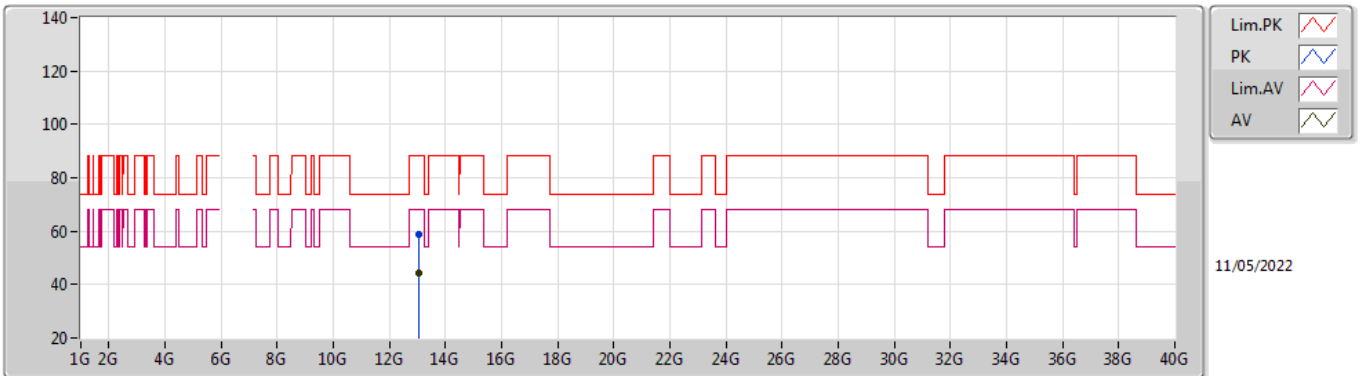


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	5.8278G	61.33	88.20	-26.87	53.04	3	Horizontal	356	1.13	-	34.62	6.60	32.93
RMS	5.9202G	50.98	68.20	-17.22	42.34	3	Horizontal	356	1.13	-	34.98	6.60	32.94
PK	6.5082G	121.14	Inf	-Inf	111.46	3	Horizontal	356	1.13	-	35.63	7.00	32.95
RMS	6.5082G	109.11	Inf	-Inf	99.43	3	Horizontal	356	1.13	-	35.63	7.00	32.95
PK	7.2138G	62.78	88.20	-25.42	51.58	3	Horizontal	356	1.13	-	37.10	7.21	33.11
RMS	7.225G	52.78	68.20	-15.42	41.56	3	Horizontal	356	1.13	-	37.10	7.23	33.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

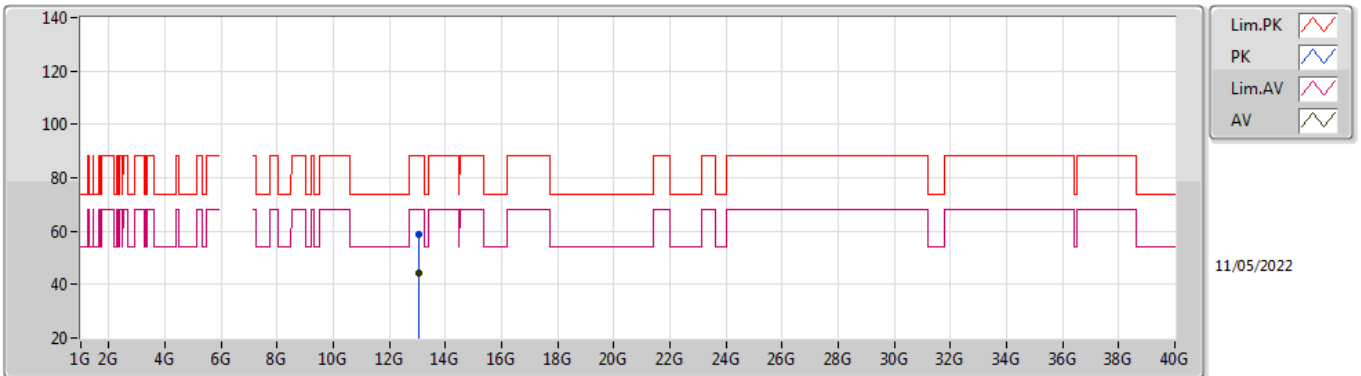


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.05446G	58.88	88.20	-29.32	41.31	3	Vertical	339	1.95	-	39.65	9.47	31.55
RMS	13.05368G	44.35	68.20	-23.85	26.78	3	Vertical	339	1.95	-	39.65	9.47	31.55

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

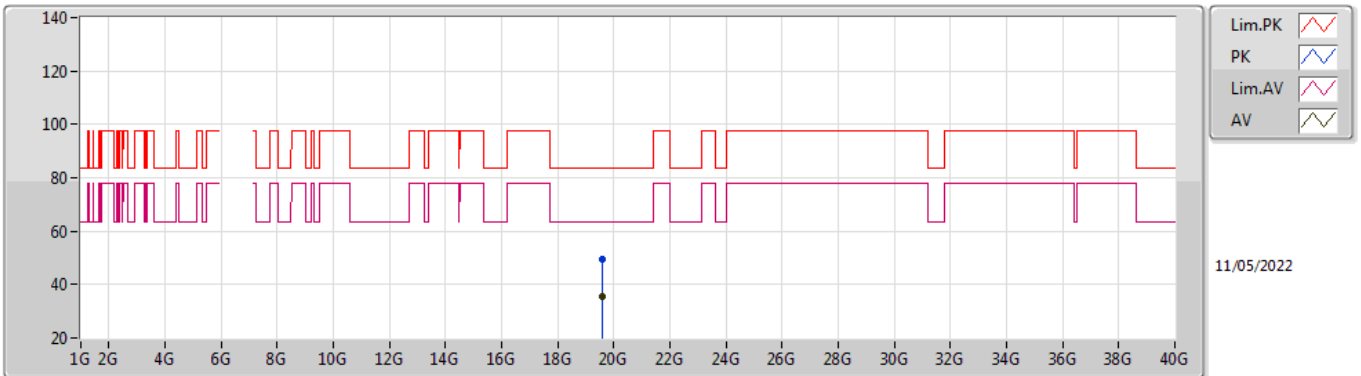


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.05406G	58.94	88.20	-29.26	41.37	3	Horizontal	234	1.35	-	39.65	9.47	31.55
RMS	13.05424G	44.44	68.20	-23.76	26.87	3	Horizontal	234	1.35	-	39.65	9.47	31.55

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

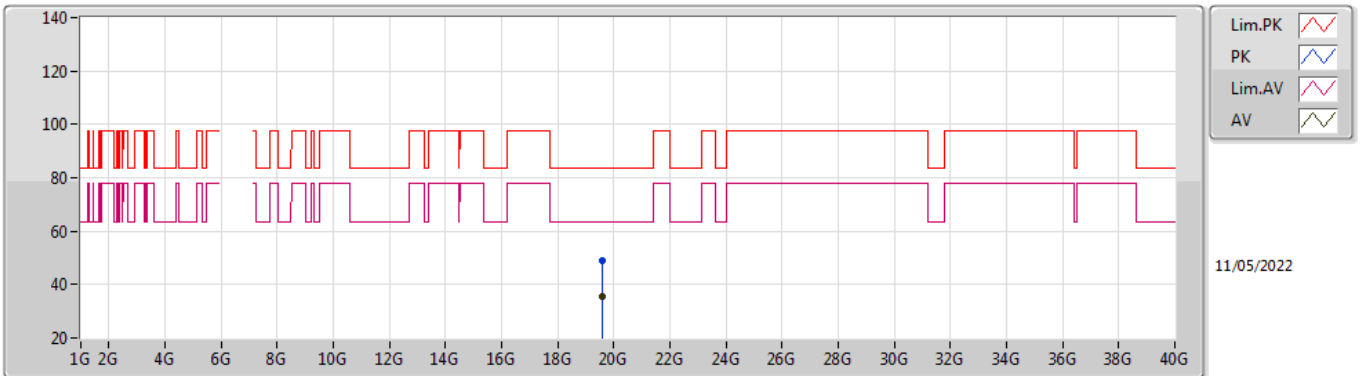


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.57416G	49.52	83.54	-34.02	46.02	1	Vertical	173	1.50	-	37.87	15.33	49.70
AV	19.57316G	35.73	63.54	-27.81	32.23	1	Vertical	173	1.50	-	37.87	15.33	49.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

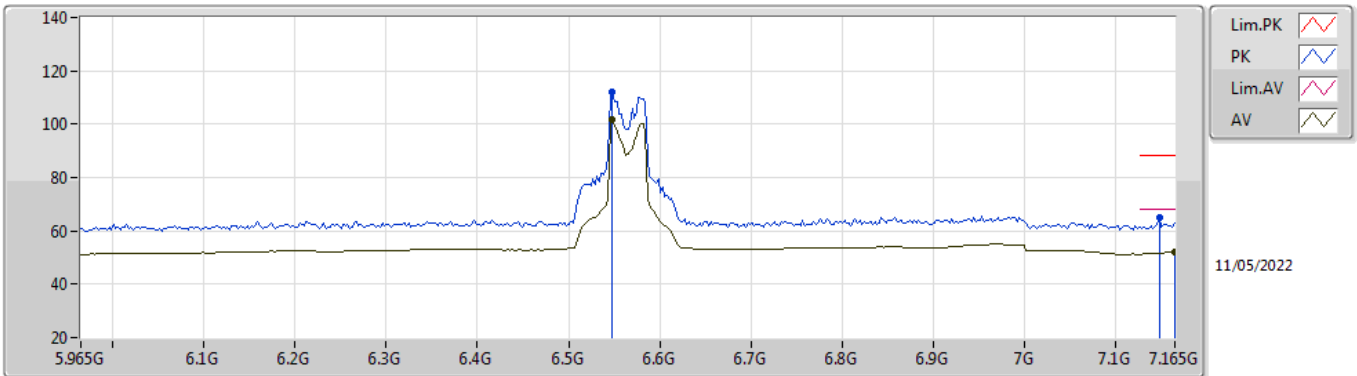


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.57958G	49.18	83.54	-34.36	45.68	1	Horizontal	85	1.52	-	37.87	15.33	49.70
AV	19.57844G	35.70	63.54	-27.84	32.20	1	Horizontal	85	1.52	-	37.87	15.33	49.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6565MHz_TnomVnom

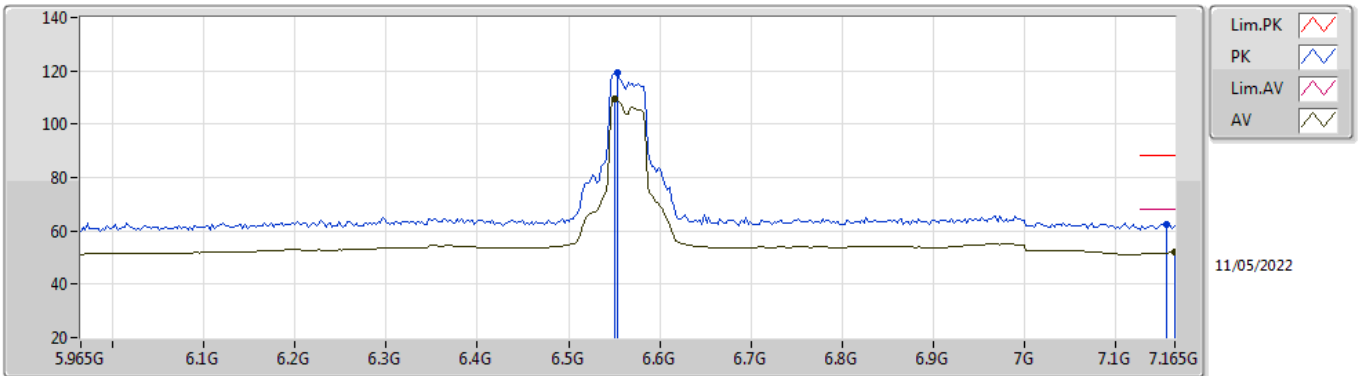


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.5482G	111.92	Inf	-Inf	102.10	3	Vertical	353	1.76	-	35.79	7.00	32.97	
RMS	6.5482G	101.55	Inf	-Inf	91.73	3	Vertical	353	1.76	-	35.79	7.00	32.97	
PK	7.1482G	64.91	88.20	-23.29	53.93	3	Vertical	353	1.76	-	36.89	7.23	33.14	
RMS	7.165G	52.02	68.20	-16.18	40.97	3	Vertical	353	1.76	-	36.96	7.22	33.13	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6565MHz_TnomVnom

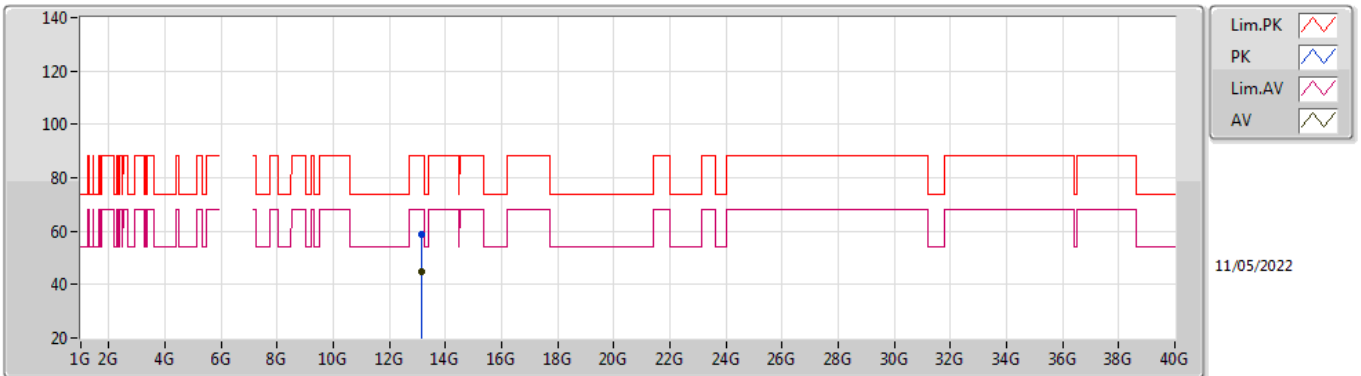


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.553G	119.30	Inf	-Inf	109.47	3	Horizontal	74	1.00	-	35.81	7.00	32.98
RMS	6.5506G	109.59	Inf	-Inf	99.76	3	Horizontal	74	1.00	-	35.80	7.00	32.97
PK	7.1554G	62.55	88.20	-25.65	51.54	3	Horizontal	74	1.00	-	36.92	7.22	33.13
RMS	7.165G	51.96	68.20	-16.24	40.91	3	Horizontal	74	1.00	-	36.96	7.22	33.13

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6565MHz_TnomVnom

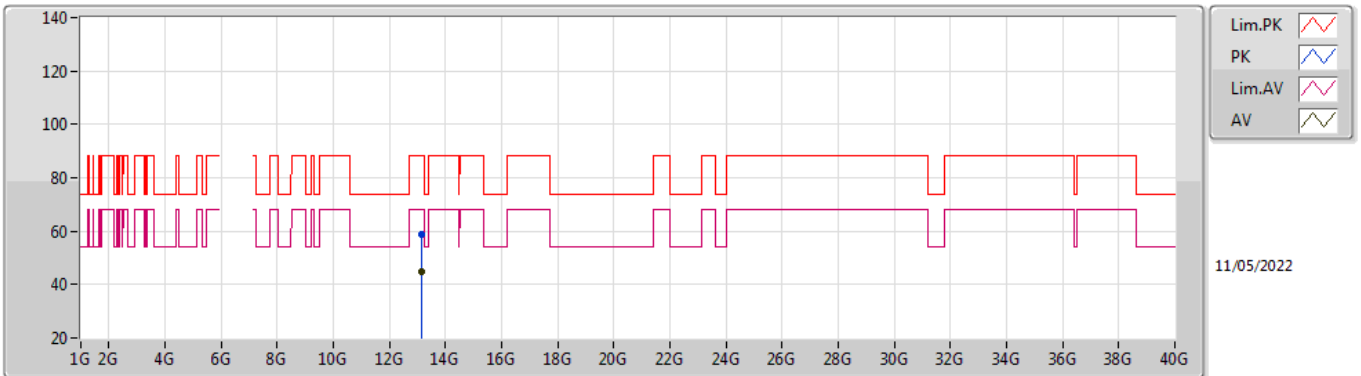


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.12786G	58.59	88.20	-29.61	40.78	3	Vertical	165	1.16	-	39.76	9.51	31.46	
RMS	13.12842G	44.66	68.20	-23.54	26.85	3	Vertical	165	1.16	-	39.76	9.51	31.46	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6565MHz_TnomVnom

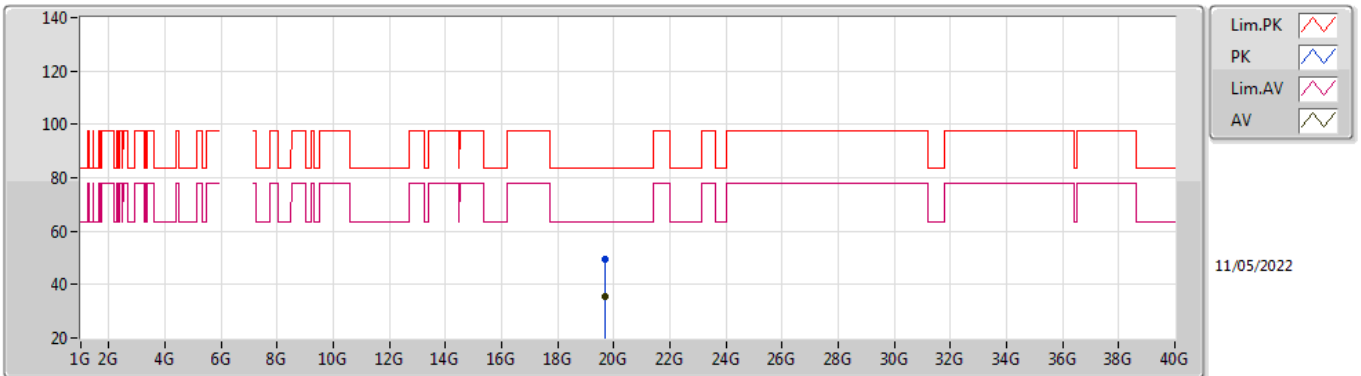


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.1281G	58.82	88.20	-29.38	41.01	3	Horizontal	121	2.27	-	39.76	9.51	31.46
RMS	13.13122G	44.61	68.20	-23.59	26.79	3	Horizontal	121	2.27	-	39.76	9.51	31.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6565MHz_TnomVnom

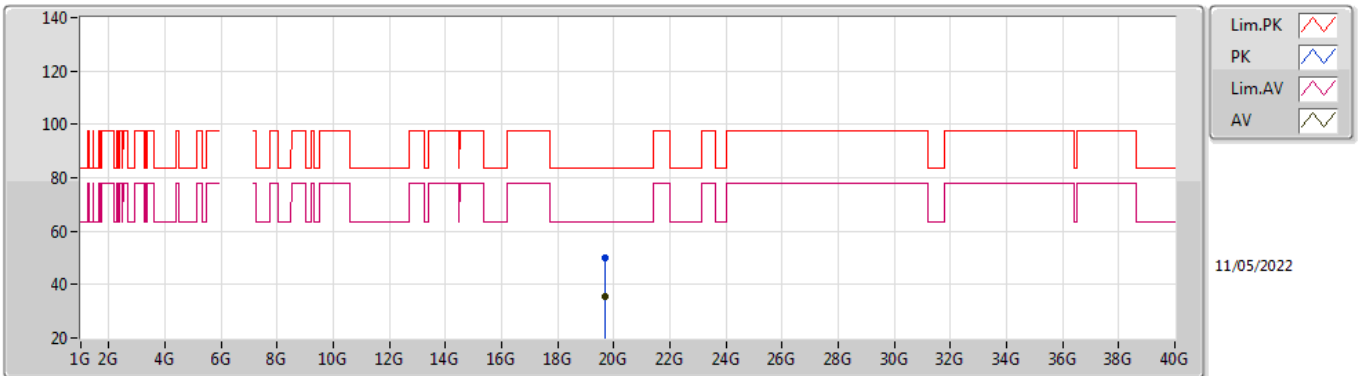


EUT_Z_4TX
Setting 80
01-L-K-4

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	19.69426G	49.55	83.54	-33.99	46.05	1	Vertical	159	1.53	-	37.82	15.38	49.70
AV	19.69086G	35.71	63.54	-27.83	32.21	1	Vertical	159	1.53	-	37.82	15.38	49.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6565MHz_TnomVnom

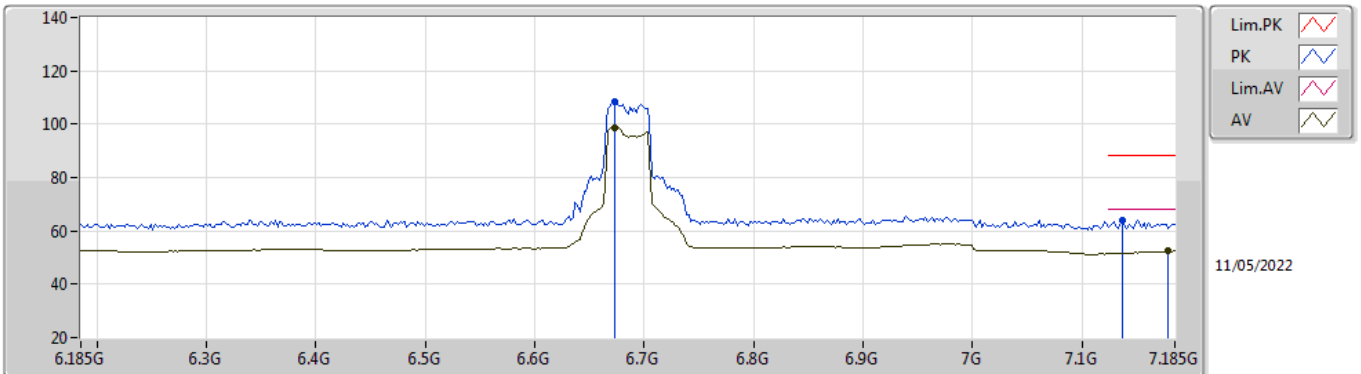


EUT_Z_4TX
Setting 80
01-L-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	19.6907G	49.81	83.54	-33.73	46.31	1	Horizontal	174	1.58	-	37.82	15.38	49.70
AV	19.69834G	35.76	63.54	-27.78	32.26	1	Horizontal	174	1.58	-	37.82	15.38	49.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6685MHz_TnomVnom

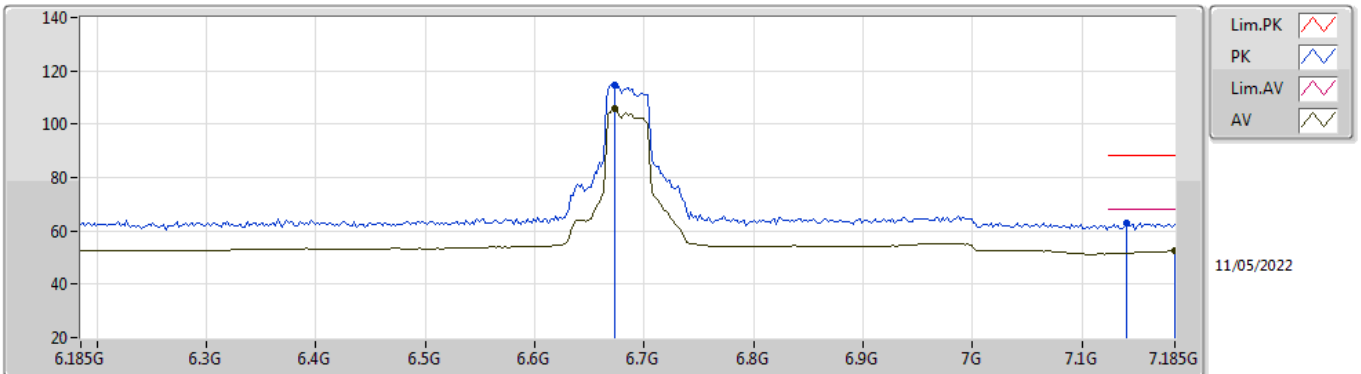


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.673G	108.28	Inf	-Inf	98.36	3	Vertical	354	2.50	-	35.95	7.00	33.03	
RMS	6.673G	98.72	Inf	-Inf	88.80	3	Vertical	354	2.50	-	35.95	7.00	33.03	
PK	7.137G	63.91	88.20	-24.29	53.02	3	Vertical	354	2.50	-	36.80	7.23	33.14	
RMS	7.179G	52.41	68.20	-15.79	41.31	3	Vertical	354	2.50	-	37.02	7.21	33.13	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6685MHz_TnomVnom

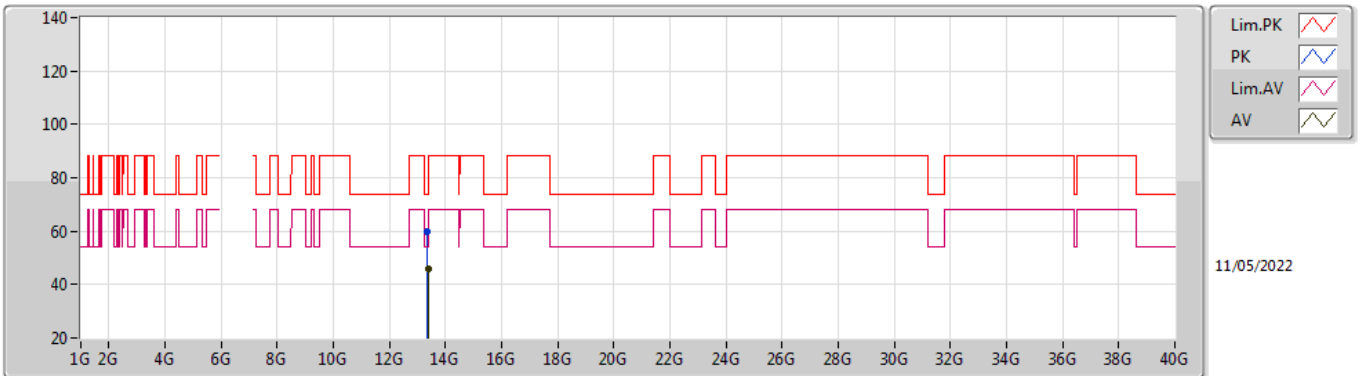


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.673G	114.60	Inf	-Inf	104.68	3	Horizontal	351	1.00	-	35.95	7.00	33.03	
RMS	6.673G	105.64	Inf	-Inf	95.72	3	Horizontal	351	1.00	-	35.95	7.00	33.03	
PK	7.141G	62.93	88.20	-25.27	52.01	3	Horizontal	351	1.00	-	36.83	7.23	33.14	
RMS	7.185G	52.45	68.20	-15.75	41.32	3	Horizontal	351	1.00	-	37.04	7.21	33.12	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6685MHz_TnomVnom

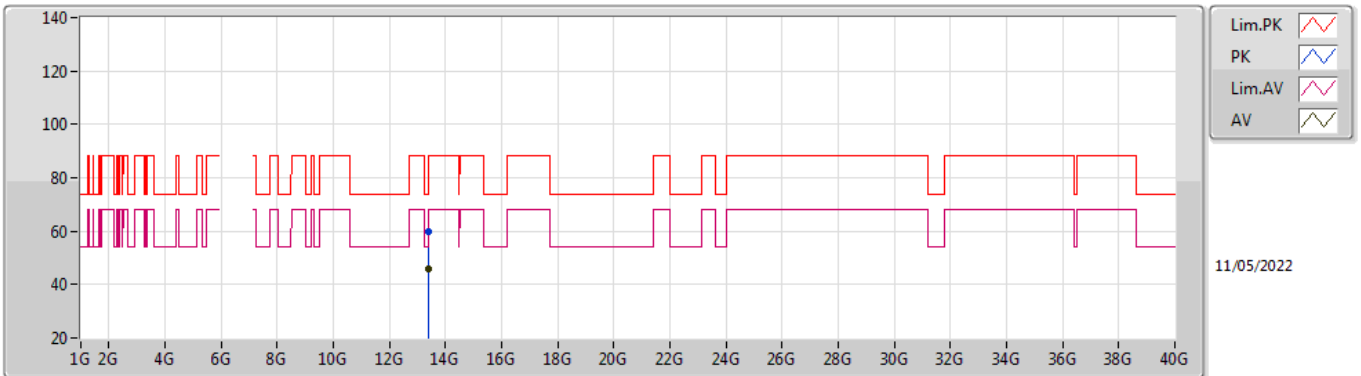


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.36708G	59.89	74.00	-14.11	41.30	3	Vertical	224	1.86	-	40.13	9.62	31.16
AV	13.37478G	45.84	54.00	-8.16	27.22	3	Vertical	224	1.86	-	40.15	9.62	31.15

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6685MHz_TnomVnom

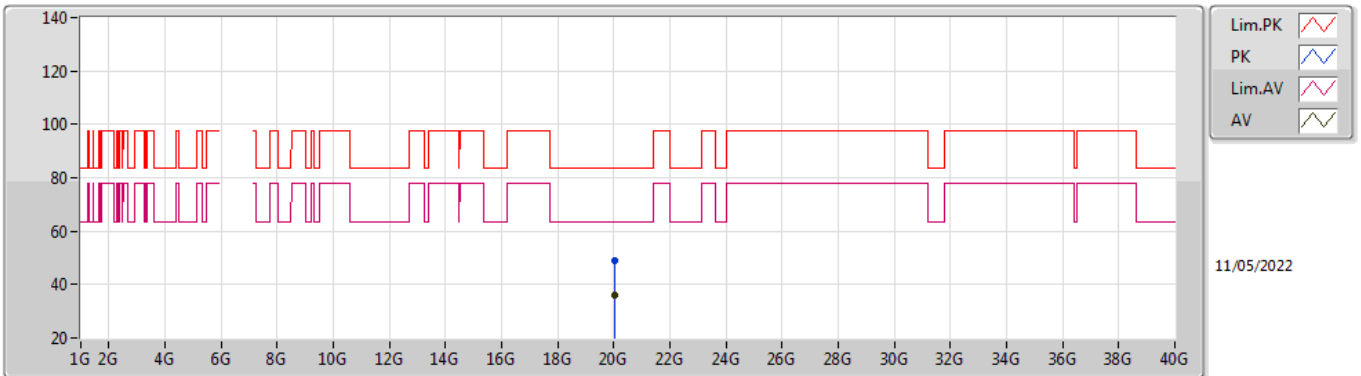


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.36992G	59.61	74.00	-14.39	41.00	3	Horizontal	56	2.64	-	40.14	9.62	31.15	
AV	13.37468G	45.86	54.00	-8.14	27.24	3	Horizontal	56	2.64	-	40.15	9.62	31.15	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6685MHz_TnomVnom

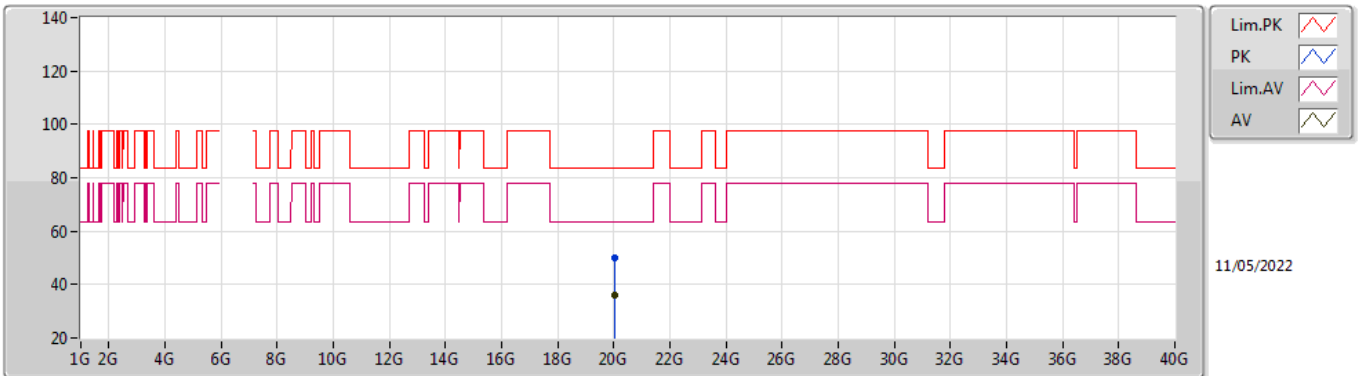


EUT_Z_4TX
Setting 80
01-L-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	20.05366G	49.13	83.54	-34.41	45.89	1	Vertical	355	1.55	-	37.44	15.52	49.72	
AV	20.0567G	35.98	63.54	-27.56	32.72	1	Vertical	355	1.55	-	37.45	15.53	49.72	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6685MHz_TnomVnom

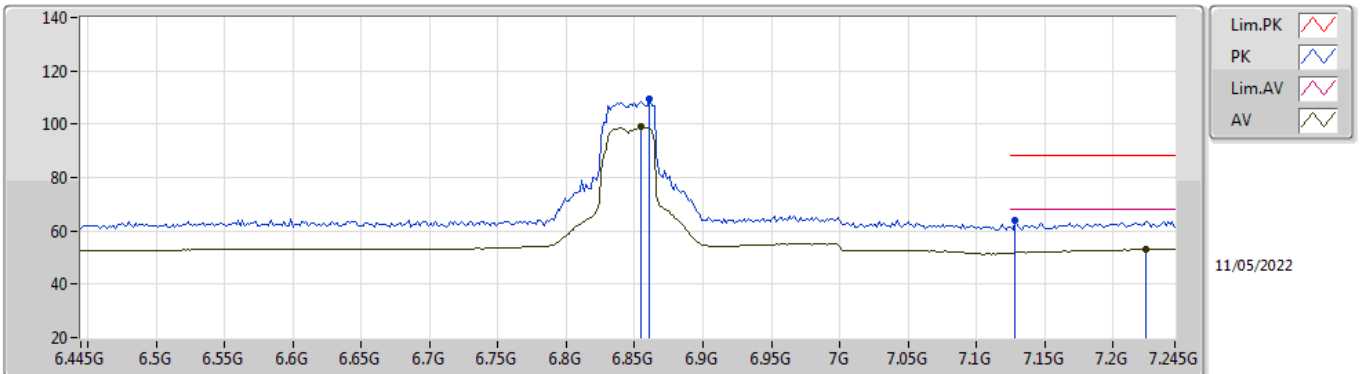


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.0515G	49.89	83.54	-33.65	46.65	1	Horizontal	289	1.56	-	37.44	15.52	49.72
AV	20.05096G	36.09	63.54	-27.45	32.85	1	Horizontal	289	1.56	-	37.44	15.52	49.72

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6845MHz_TnomVnom

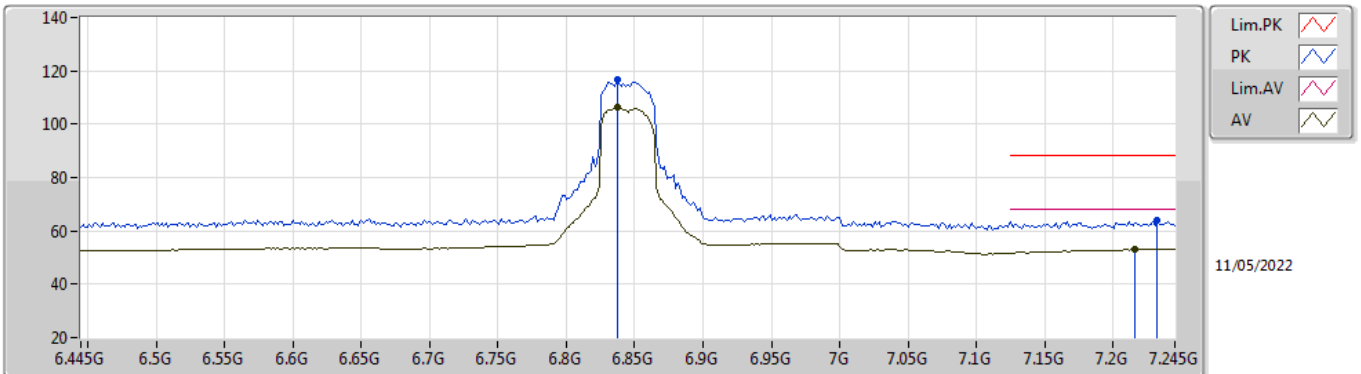


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.861G	109.23	Inf	-Inf	98.75	3	Vertical	9	1.80	-	36.51	7.09	33.12	
RMS	6.8546G	99.03	Inf	-Inf	88.51	3	Vertical	9	1.80	-	36.56	7.08	33.12	
PK	7.1282G	63.97	88.20	-24.23	53.14	3	Vertical	9	1.80	-	36.73	7.24	33.14	
RMS	7.2242G	52.99	68.20	-15.21	41.78	3	Vertical	9	1.80	-	37.10	7.22	33.11	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6845MHz_TnomVnom

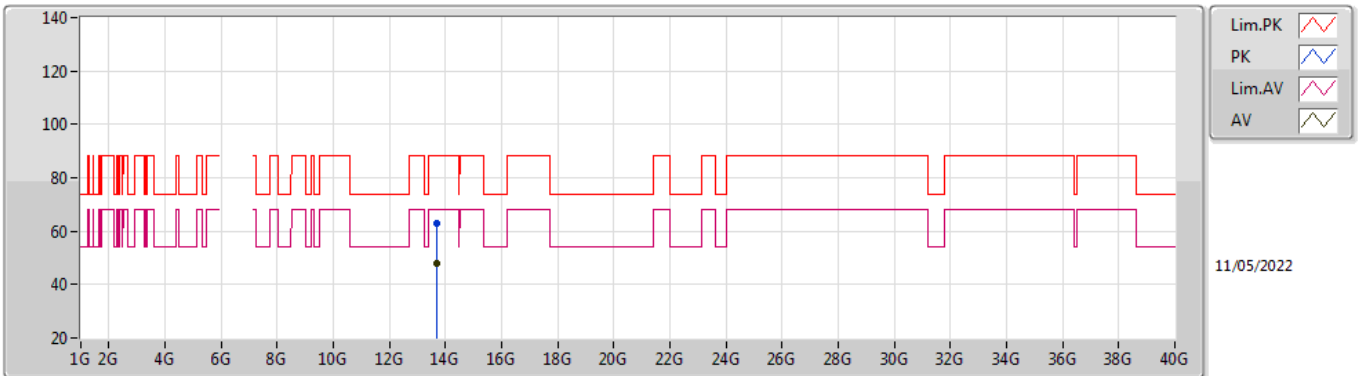


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.837G	116.67	Inf	-Inf	106.22	3	Horizontal	334	1.08	-	36.50	7.06	33.11	
RMS	6.837G	106.16	Inf	-Inf	95.71	3	Horizontal	334	1.08	-	36.50	7.06	33.11	
PK	7.2322G	63.80	88.20	-24.40	52.58	3	Horizontal	334	1.08	-	37.10	7.23	33.11	
RMS	7.2162G	53.00	68.20	-15.20	41.79	3	Horizontal	334	1.08	-	37.10	7.22	33.11	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6845MHz_TnomVnom

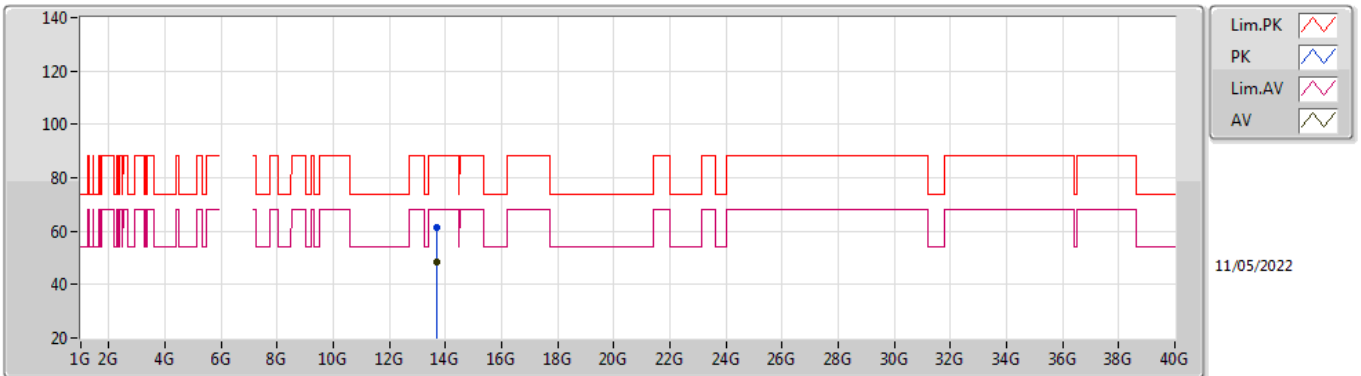


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.68656G	62.93	88.20	-25.27	43.82	3	Vertical	345	2.45	-	40.47	9.76	31.12	
RMS	13.69466G	48.17	68.20	-20.03	29.04	3	Vertical	345	2.45	-	40.49	9.76	31.12	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6845MHz_TnomVnom

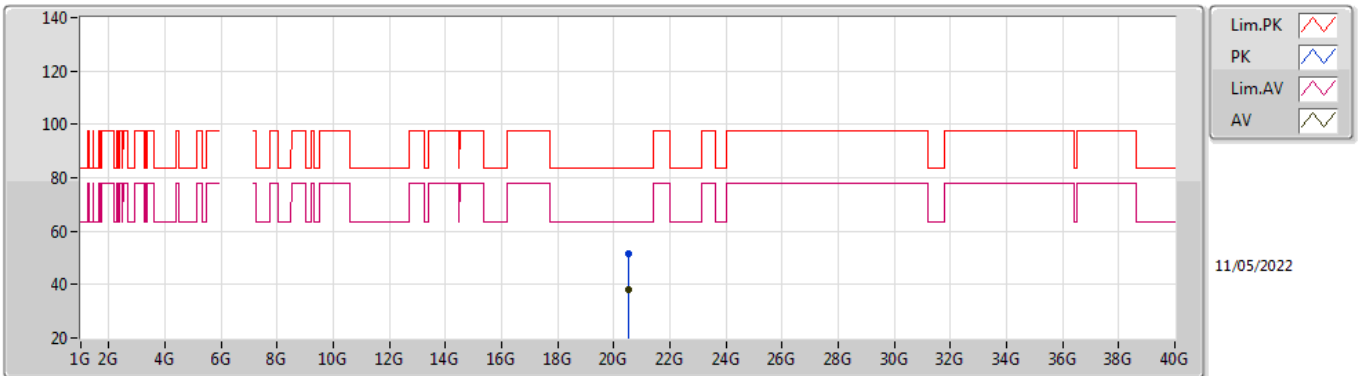


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.68846G	61.56	88.20	-26.64	42.44	3	Horizontal	110	1.28	-	40.48	9.76	31.12
RMS	13.695G	48.36	68.20	-19.84	29.23	3	Horizontal	110	1.28	-	40.49	9.76	31.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6845MHz_TnomVnom

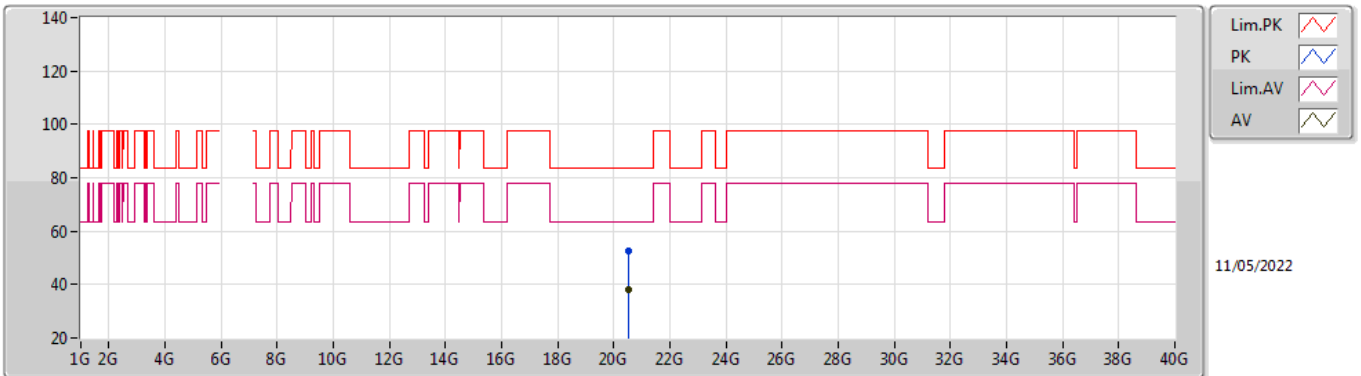


EUT_Z_4TX
Setting 80
01-L-K-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	20.53144G	51.53	83.54	-32.01	47.94	1	Vertical	291	1.52	-	37.74	15.74	49.89	
AV	20.53752G	37.90	63.54	-25.64	34.29	1	Vertical	291	1.52	-	37.75	15.74	49.88	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6845MHz_TnomVnom

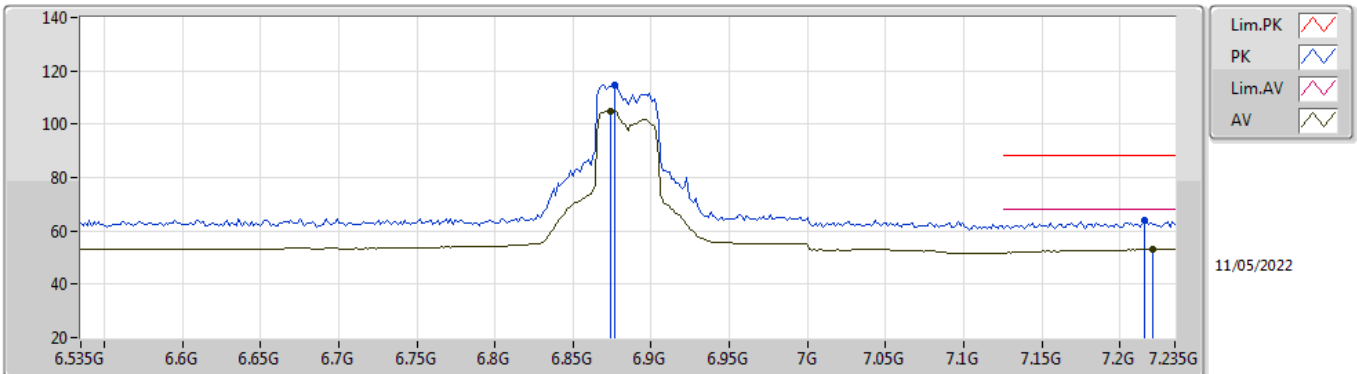


EUT_Z_4TX
Setting 80
01-L-K-4

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	20.53184G	52.51	83.54	-31.03	48.92	1	Horizontal	210	1.53	-	37.74	15.74	49.89
AV	20.53452G	37.87	63.54	-25.67	34.28	1	Horizontal	210	1.53	-	37.74	15.74	49.89

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

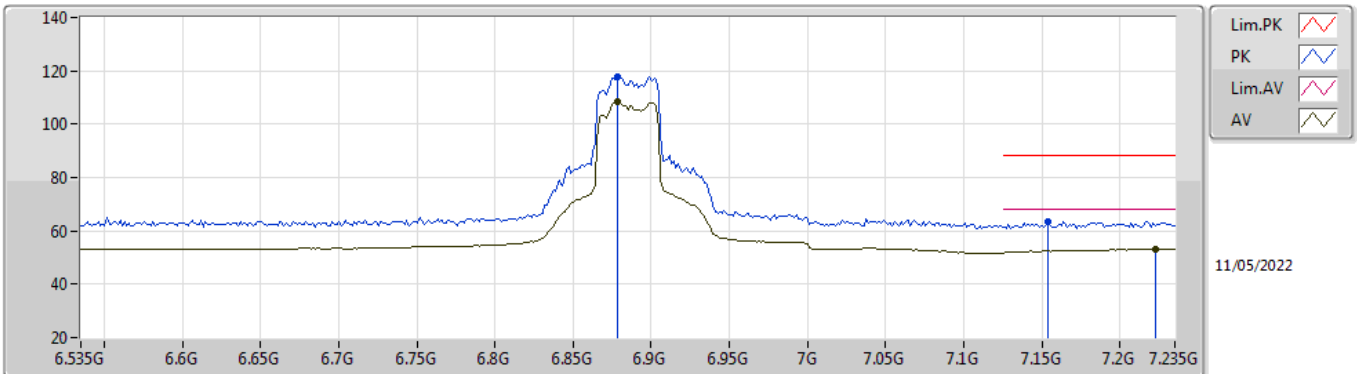


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.8766G	114.54	Inf	-Inf	104.17	3	Vertical	308	1.13	-	36.39	7.11	33.13
RMS	6.8738G	105.00	Inf	-Inf	94.61	3	Vertical	308	1.13	-	36.41	7.11	33.13
PK	7.2154G	63.77	88.20	-24.43	52.56	3	Vertical	308	1.13	-	37.10	7.22	33.11
RMS	7.221G	52.99	68.20	-15.21	41.78	3	Vertical	308	1.13	-	37.10	7.22	33.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

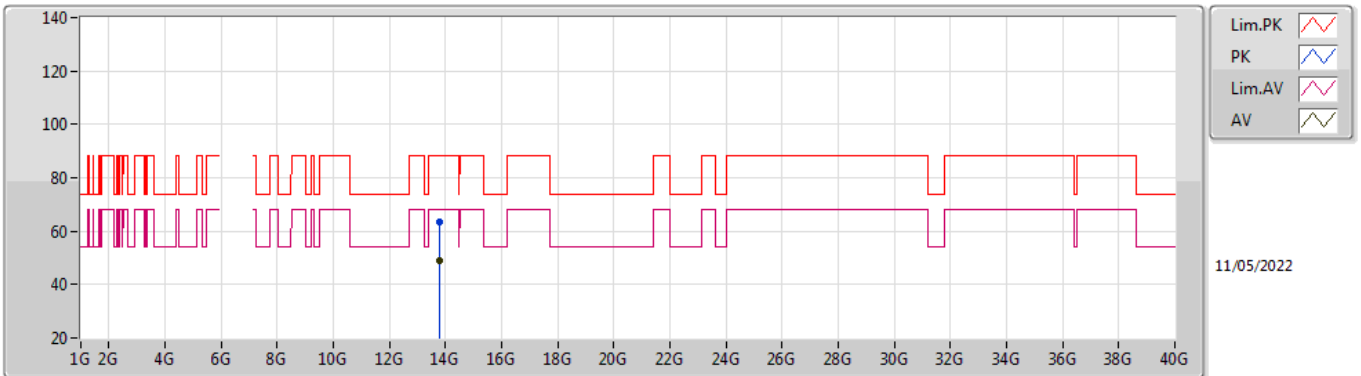


EUT_Z_4TX
Setting 80
01-L-K-4-10

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	6.878G	117.86	Inf	-Inf	107.49	3	Horizontal	50	1.02	-	36.38	7.12	33.13	
RMS	6.878G	108.22	Inf	-Inf	97.85	3	Horizontal	50	1.02	-	36.38	7.12	33.13	
PK	7.1538G	63.45	88.20	-24.75	52.44	3	Horizontal	50	1.02	-	36.92	7.22	33.13	
RMS	7.2224G	53.08	68.20	-15.12	41.87	3	Horizontal	50	1.02	-	37.10	7.22	33.11	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

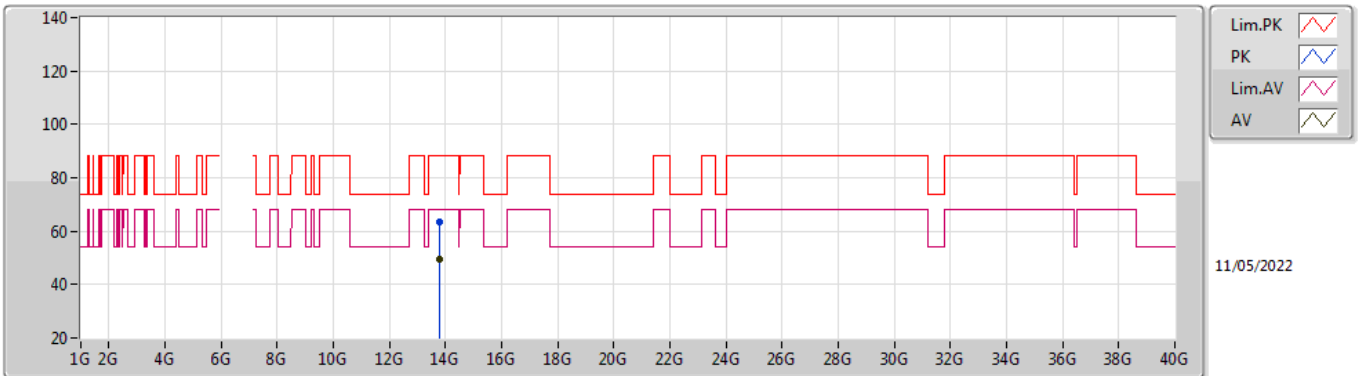


EUT_Z_4TX
Setting 80
01-L-K-4

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	13.76516G	63.54	88.20	-24.66	44.22	3	Vertical	242	2.75	-	40.70	9.79	31.17
RMS	13.76666G	49.20	68.20	-19.00	29.88	3	Vertical	242	2.75	-	40.70	9.79	31.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom



EUT_Z_4TX
Setting 80
01-L-K-4

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	13.76832G	63.26	88.20	-24.94	43.93	3	Horizontal	45	3.00	-	40.70	9.80	31.17
RMS	13.77258G	49.24	68.20	-18.96	29.90	3	Horizontal	45	3.00	-	40.72	9.80	31.18