Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2AHBN-AP45
Equipment	:	802.11ax 6E Wireless Access Point
Brand Name	:	Juniper
Model Name	:	AP45,AP45E
Applicant	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Manufacturer	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale, California 94089 USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Oct. 19, 2021, and testing was started from Oct. 19, 2021 and completed on Nov. 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 variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR182421-05AC	01	Initial issue of report	Nov. 24, 2022
FR182421-05AC	02	Remove the selection for radiated measurement of section 3.3 and section 3.4	Nov. 29, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.)	PASS	-
3.4	15.407(a)	Peak Power Spectral Density (E.I.R.P.)	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
3.6	15.407(d)	Contention-Based Protocol	PASS	-
Note: Reference to Sporton Project No.: 182421-02.				

Declaration of Conformity:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Penny Kao

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20)	5955-7095	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]

For radio 3 (EUT 1 only)

Band	Mode	BWch (MHz)	Nant
UNII 5~8	802.11ax HEW20	20	4TX
UNII 5~8	802.11ax HEW20-BF	20	4TX
UNII 5~8	802.11ax HEW40	40	4TX
UNII 5~8	802.11ax HEW40-BF	40	4TX
UNII 5~8	802.11ax HEW80	80	4TX
UNII 5~8	802.11ax HEW80-BF	80	4TX
UNII 5~8	802.11ax HEW160	160	4TX
UNII 5~8	802.11ax HEW160-BF	160	4TX

For radio 4 (EUT 1 only)

Band	Mode	BWch (MHz)	Nant
UNII 5~8	802.11ax HEW20	20	1TX
UNII 5~8	802.11ax HEW20-BF	20	1TX
UNII 5~8	802.11ax HEW40	40	1TX
UNII 5~8	802.11ax HEW40-BF	40	1TX
UNII 5~8	802.11ax HEW80	80	1TX
UNII 5~8	802.11ax HEW80-BF	80	1TX
UNII 5~8	802.11ax HEW160	160	1TX
UNII 5~8	802.11ax HEW160-BF	160	1TX

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.	Port								Brand Name	Model Name	Ant. Type	Connector	Equip EUT	Gain (dBi)
	WLAN 5GHz (Radio 1)	WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)	WLAN 6GHz (Radio 3)	WLAN 2.4GHz (Radio 4)	WLAN 5GHz (Radio 4)	WLAN 6GHz (Radio 4)	BT (Radio 5)						
1	1	4	-	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX	EUT 1	Note1
2	2	3	-	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
3	3	2	-	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
4	4	1	-	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
5	-	-	1	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
6	-	-	2	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
7	-	-	3	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
8	-	-	4	-	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
9	-	-	-	1	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
10	-	-	-	2	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
11	-	-	-	3	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
12	-	-	-	4	-	-	-	-	Juniper	AP45	PIFA	I-PEX		
13	-	-	-	-	1	1	1	-	Juniper	AP45	PIFA	I-PEX		
14	-	-	-	-	2	2	2	-	Juniper	AP45	PIFA	I-PEX		
15	-	-	-	-	-	-	-	1	Juniper	AP45	PIFA	I-PEX	EUT 1, EUT 2	
16	1	4	-	-	-	-	-	-	Acce lTex	ATS-OO-2456-466-10MC-36	OMNI	4-Port connector	EUT 2	
	2	3	-	-	-	-	-	-						
	3	2	-	-	-	-	-	-						
	4	1	-	-	-	-	-	-						
17	1	4	-	-	-	-	-	-	Acce lTex	ATS-OP-2456-81010-10MC-36	Panel	4-Port connector		
	2	3	-	-	-	-	-	-						
	3	2	-	-	-	-	-	-						
	4	1	-	-	-	-	-	-						
18	-	-	-	-	4	1	-	-	Acce lTex	ATS-OO-2456-466-10MC-36	OMNI	6-Port connector		
	-	-	-	-	3	2	-	-						
	-	-	-	-	2	3	-	-						
	-	-	-	-	1	4	-	-						
19	-	-	-	-	4	1	-	-	Acce lTex	ATS-OO-2456-466-10MC-36	Panel	6-Port connector		
	-	-	-	-	3	2	-	-						
	-	-	-	-	2	3	-	-						
	-	-	-	-	1	4	-	-						

Note 1:

Ant.	Antenna Gain (dBi)																			
	WLAN 5GHz (Radio 1)				WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)		WLAN 6GHz (Radio 3)				WLAN 2.4GHz (Radio 4)	WLAN 5GHz (Radio 4)				WLAN 6GHz (Radio 4)				Bluetooth (Radio 5)
	UNII 1	UNII 2A	UNII 2C	UNII 3		UNII 1	UNII 2A	UNII 5	UNII 6	UNII 7	UNII 8		UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8	
1	2.89	3.7	3.46	2.39	2.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2.61	2.55	3.04	3.8	0.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	1.94	2.2	2.82	2.54	2.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	3.27	4.06	2.87	2.17	1.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	3.2	3.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	2.85	3.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	3.37	3.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	3.11	3.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	4.9	5.4	5.4	5.6	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	5.0	5.4	5.4	5.5	5.3	4.7	4.8	4.8	4.1	-
14	-	-	-	-	-	-	-	-	-	-	-	5.0	5.4	5.4	5.5	5.3	4.7	4.8	4.8	4.1	-
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5
16	6	6	6	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	10	10	10	10	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	4	6	6	6	6	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	8	10	10	10	10	-	-	-	-	-

Ant.	Directional Gain (dBi)						
	WLAN 5GHz (Radio 1)				WLAN 2.4GHz (Radio 2)	WLAN 5GHz (Radio 2)	
	UNII 1	UNII 2A	UNII 2C	UNII 3		UNII 1	UNII 2A
1	6.44	6.41	7.19	6.67	4.23	-	-
2						-	-
3						-	-
4						-	-
5	-	-	-	-	-	7.7	8.16
6	-	-	-	-	-		
7	-	-	-	-	-		
8	-	-	-	-	-		

Note 2: The EUT has nineteen antennas. The ant.15 is BLE Array (Beam 1~Beam 9 and Omni).
Antenna 16 must be used with antenna 18 and antenna 17 must be used with antenna 19.
Note 3: The above information was declared by manufacturer.
Note 4: **For Radio 2**
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For Radio 1
For 5GHz UNII 1~3:
For IEEE 802.11a/n/ac/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For Radio 2
For 5GHz UNII 1~2A:
For IEEE 802.11a/n/ac/ax mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For Radio 3 (For EUT1 only)
For 6E UNII 5~8 (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For scanning Radio 4
For 2.4GHz, IEEE 802.11b/g/n/VHT/ax mode (1TX/2RX):
The EUT supports the antenna with TX diversity functions.
Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.
The Port 1 for EUT 1 and EUT 2 + Ant. 18 generated the worst case, so it was selected to test and record in the report.
The Port 1 for EUT 2 + Ant. 19 generated the worst case, so it was selected to test and record in the report.
For 5GHz UNII 1~3, IEEE 802.11a/n/ac/ax mode (1TX/2RX):
The EUT supports the antenna with TX diversity functions.
Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.
The Port 1 for EUT 1 and EUT 2 + Ant. 18 generated the worst case, so it was selected to test and record in the report.
The Port 1 for EUT 2 + Ant. 19 generated the worst case, so it was selected to test and record in the report.
For 6E UNII 5~8, IEEE 802.11ax mode (1TX/2RX): (For EUT1 only)
The EUT supports the antenna with TX diversity functions.
Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.
The Port 1 generated the worst case, so it was selected to test and record in the report.
For Radio 5
Bluetooth (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.

Note 5: For EUT 1:

Radio 1, 2: Maximum Directional Gain following KDB662911 D03. The antenna report is provided in the operational description for this application.

For EUT 2: Maximum Directional Gain following KDB662911 D01.

For Radio 1 5GHz UNII 1~3 + Antenna 16:

For Radio 2 2.4GHz + Antenna 16:

Directional gain information

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

Ex.

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

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

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

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

Where ;

2.4G G1 = 4 ; G2 = 4 ; G3 = 4 ; G4 = 4 ;

5G G1 = 6 ; G2 = 6 ; G3 = 6 ; G4 = 6 ;

2.4G DG = 10.02 dBi

5 GHz U-NII-1 DG = 12.02 dBi

5 GHz U-NII-2A DG = 12.02 dBi

5 GHz U-NII-2C DG = 12.02 dBi

5 GHz U-NII-3 DG = 12.02 dBi

For Radio 1, 5GHz UNII 1~3 + Antenna 17:
For Radio 2, 2.4GHz + Antenna 17:

Directional gain information

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

Ex.

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

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

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

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

Where ;

2.4G G1 = 8 ; G2 = 8 ; G3 = 8 ; G4 = 8 ;

5G G1 = 10 ; G2 = 10 ; G3 = 10 ; G4 = 10 ;

2.4G DG = 14.02 dBi

5 GHz U-NII-1 DG = 16.02 dBi

5 GHz U-NII-2A DG = 16.02 dBi

5 GHz U-NII-2C DG = 16.02 dBi

5 GHz U-NII-3 DG = 16.02 dBi

1.1.3 Mode Test Duty Cycle

For EUT 1 + Radio 4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.967	0.15	780.313u	3k
802.11ax HEW80	0.939	0.27	413.125u	3k
802.11ax HEW160	0.894	0.49	236.25u	10k

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz of radio 2, n/ac/ax in 5GHz UNII 1~UNII 3 of radio 1, 5GHz UNII 1~UNII 2 of radio 2 and ax in 6GHz UNII 5~UNII 8 of radio 3.			
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client	☐	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client		
Test Software Version	accessMTool 3.2.1.5, DOS [ver 6.1.7601]			
Software / Firmware Version for CBP	5.04L.02p1			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	EUT	Antenna	Operation Function
AP45	1	Internal	Mode 1: Radio 1 (WLAN 5GHz UNII 1~3)+Radio 2 (WLAN 2.4GHz)+Radio 3 (WLAN 6 GHz) +Radio 4 (WLAN 2.4GHz)+Radio 5 (BT) Mode 2: Radio 1 (WLAN 5GHz UNII 1~3)+Radio 2 (WLAN 2.4GHz)+Radio 3 (WLAN 6 GHz) +Radio 4 (WLAN 5 GHz) +Radio 5 (BT) Mode 3: Radio 1 (WLAN 5GHz UNII 1~3)+Radio 2 (WLAN 2.4GHz)+Radio 3 (WLAN 6 GHz) +Radio 4 (WLAN 6 GHz) +Radio 5 (BT) Mode 4: Radio 1 (WLAN 5GHz UNII 2C~3)+Radio 2 (WLAN 5GHz UNII 1~2A) +Radio 3 (WLAN 6 GHz) +Radio 4 (WLAN 2.4GHz) +Radio 5 (BT) Mode 5: Radio 1 (WLAN 5GHz UNII 2C~3)+Radio 2 (WLAN 5GHz UNII 1~2A) +Radio 3 (WLAN 6 GHz) +Radio 4 (WLAN 5 GHz) +Radio 5 (BT) Mode 6: Radio 1 (WLAN 5GHz UNII 2C~3)+Radio 2 (WLAN 5GHz UNII 1~2A) +Radio 3 (WLAN 6 GHz) +Radio 4 (WLAN 6 GHz) +Radio 5 (BT)
AP45E	2	External	Mode 1: Radio 1 (WLAN 5GHz UNII 1~3)+Radio 2 (WLAN 2.4GHz)+Radio 4 (WLAN 2.4GHz) +Radio 5 (BT) Mode 2: Radio 1 (WLAN 5GHz UNII 1~3)+Radio 2 (WLAN 2.4GHz)+Radio 4 (WLAN 5GHz) +Radio 5 (BT)

Note: The above information was declared by manufacturer.

1.1.6 Table for Configuration and Radio Function

Configuration	EUT	Radio 1	Radio 2	Radio 3	Radio 4 (Scanning)	Radio 5
1	EUT 1	(WLAN 5GHz UNII 1~3)	(WLAN 2.4GHz)	(WLAN 6GHz)	(WLAN 2.4GHz)	(Bluetooth)
2	EUT 1				(WLAN 5GHz)	
3	EUT 1				(WLAN 6GHz)	
4	EUT 1 (FEM)	(WLAN 5GHz UNII 2C~3)	(WLAN 5GHz UNII 1~2A)		(WLAN 2.4GHz)	
5	EUT 1 (FEM)				(WLAN 5GHz)	
6	EUT 1 (FEM)				(WLAN 6GHz)	
7	EUT 2	(WLAN 5GHz UNII 1~3)	(WLAN 2.4GHz)	-	(WLAN 2.4GHz)	
8	EUT 2				(WLAN 5GHz)	

Note: The above information was declared by manufacturer.

1.1.7 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR182421-01AC

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

Modifications	Performance Checking
For EUT 1: 1. Radio 1: enable UNII 2A, 2C. 2. Radio 2: enable UNII 2A. 3. Radio 4: enable UNII 2A, 2C, 6G. **For EUT 2:** 1. Radio 1: enable UNII 2A, 2C. 2. Radio 4: enable this radio, the function includes 2.4G, 5G UNII 1~3. 3. Adding two sets antenna for radio 4 (Antenna set 18~19).	1. EUT 1 enable Radio 4 (6GHz), the test items as below: a. Emission Bandwidth b. Maximum Output Power c. Power Spectral Density d. Unwanted Emissions above 1GHz e. Contention Based Protocol 2. EUT 1 enable Radio 4 (6GHz), EUT 2 enable Radio 4 (2.4GHz, 5GHz), the test items as below: a. AC Power-line Conducted Emissions b. Unwanted Emissions below 1GHz.

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 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (EUT 1)	TH03-CB	Brian Sun	24.3~25.2 / 60~62	Oct. 19, 2021~ Mar. 15, 2022
Radiated below 1GHz (Test Mode: Mode2~7)	03CH05-CB	Ken Yeh	22.5~23.6 / 56~59	Dec. 29, 2021
Radiated below 1GHz (Test Mode: Mode1)	03CH03-CB	Eason Chen	24.2-26.1 / 55-58	Mar. 30, 2022
Radiated Above 1GHz	03CH04-CB	Eason Chen	23.5-24.6 / 55-59	Oct. 23, 2021~ Mar. 01, 2022
	03CH01-CB		23.8-24.9 / 55-58	
AC Conduction (Test Mode: Mode1)	CO01-CB	Joe Chu	20~22 / 60~62	Apr. 07, 2022
AC Conduction (Test Mode: Mode2~3)	CO01-CB	Peter Wu	22~23 / 55~56	Nov. 15, 2021~ Jan. 04, 2022
RF Conducted (Contention-Based Protocol other tests)	DF02-CB	Jay Lo	18.8~19.7 / 65~68	Feb. 20, 2022~ Feb. 23, 2022
RF Conducted (Contention-Based Protocol function check)	DF02-CB	Jay Lo	18.8~19.7 / 65~68	Nov. 14, 2022

Note: The tested sample of Contention-Based Protocol function check test item was received on Nov. 10, 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 Date: Before Jun. 01, 2022

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%

Test Date: After May 31, 2022

Test Items	Uncertainty	Remark
Conducted Emission	3.2 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For EUT 1 + Radio 4

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5955MHz	48
6175MHz	49
6415MHz	50
6435MHz	50
6475MHz	50
6515MHz	51
6535MHz	51
6695MHz	49
6855MHz	52
6875MHz Straddle 6.525-6.875GHz	52
6895MHz	54
6995MHz	54
7095MHz	56
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5965MHz	59
6165MHz	60
6405MHz	62
6445MHz	60
6485MHz	61
6525MHz Straddle 6.425-6.525GHz	61
6565MHz	62
6685MHz	60
6845MHz	63
6885MHz Straddle 6.525-6.875GHz	63
6925MHz	63
7005MHz	66
7085MHz	66
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5985MHz	72
6145MHz	72
6385MHz	74
6465MHz	72

Mode	Power Setting
6545MHz Straddle 6.425-6.525GHz	74
6625MHz	71
6705MHz	72
6785MHz	72
6865MHz Straddle 6.525-6.875GHz	74
6945MHz	76
7025MHz	80
802.11ax HEW160_Nss1,(MCS0)_1TX	-
6025MHz	83
6185MHz	85
6345MHz	83
6505MHz Straddle 6.425-6.525GHz	84
6665MHz	84
6825MHz Straddle 6.525-6.875GHz	85
6985MHz	82

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						
	The EUT 1 performed testing at unsupported FEM and supported FEM mode The unsupported FEM mode has been evaluated to be the worst case. So the measurement will follow this same test configuration.						
	EUT	**Radio 1**	**Radio 2**	**Radio 3**	**Radio 4**	**Radio 5**	**Powered by**
1	EUT 1	5GHz Full band	2.4GHz	6GHz	6GHz	Bluetooth	PoE
2	EUT 2	5GHz Full band (Ant.17)	2.4GHz (Ant.17)	-	2.4GHz (Ant.19)	Bluetooth	PoE
3	EUT 2	5GHz Full band (Ant.17)	2.4GHz (Ant.17)	-	5GHz (Ant.19)	Bluetooth	PoE
For operating mode 2 is the worst case and it was record in this test report.							

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Emission MASK
Test Condition	Conducted measurement at transmit chains
1	EUT 1 + Radio 4

The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains
1	EUT 1 + Radio 4

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Peak Power Spectral Density (E.I.R.P.)
Test Condition	Conducted measurement at transmit chains
1	EUT 1 + Radio 4

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. The EUT 1 performed testing at unsupported FEM and supported FEM mode, the unsupported FEM mode has been evaluated to be the worst case. So the measurement will follow this same test configuration. 2. The EUT 1 was performed at X axis, Y axis and Z axis position, and the worst case was EUT found at X axis. So the measurement will follow this same test configuration.						
	EUT	**Radio 1**	**Radio 2**	**Radio 3**	**Radio 4**	**Radio 5**	**Powered by**
1	EUT 1 in X axis	5GHz Full band	2.4GHz	6GHz	6GHz	Bluetooth	PoE
2	EUT 2 in Z axis	5GHz Full band (Ant.16)	2.4GHz (Ant.16)	-	2.4GHz (Ant.18)	Bluetooth	PoE
3	EUT 2 in Z axis	5GHz Full band (Ant.16)	2.4GHz (Ant.16)	-	5GHz (Ant.18)	Bluetooth	PoE
Mode 2 has been evaluated to be the worst case among Mode 2~3, thus measurement for mode 4 ~ 5 will follow this same test mode.							
4	EUT 2 in Y axis	5GHz Full band	2.4GHz (Ant.16)	-	2.4GHz (Ant.18)	Bluetooth	PoE

		(Ant.16)					
5	EUT 2 in X axis	5GHz Full band (Ant.16)	2.4GHz (Ant.16)	-	2.4GHz (Ant.18)	Bluetooth	PoE
Mode 4 has been evaluated to be the worst case among Mode 2~5, thus measurement for mode 6~7 will follow this same test mode.							
6	EUT 2 in Y axis	5GHz Full band (Ant.17)	2.4GHz (Ant.17)	-	2.4GHz (Ant.19)	Bluetooth	PoE
7	EUT 2 in Y axis	5GHz Full band (Ant.17)	2.4GHz (Ant.17)	-	5GHz (Ant.19)	Bluetooth	PoE
For operating mode 1 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 as below. So the measurement will follow this same test configuration						
1	EUT 1 in X axis + Radio 3						

The Worst Case Mode for Following Conformance Tests						
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation					
Operating Mode	**EUT**	**Radio 1**	**Radio 2**	**Radio 3**	**Radio 4**	**Radio 5**
1	EUT 1	5GHz Full band	2.4GHz	6GHz	2.4GHz	Bluetooth
2	EUT 1	5GHz Full band	2.4GHz	6GHz	5GHz	Bluetooth
3	EUT 1	5GHz Full band	2.4GHz	6GHz	6GHz	Bluetooth
4	EUT 1	5GHz Full band	2.4GHz	6GHz	2.4GHz	Bluetooth
5	EUT 1	5GHz Full band	2.4GHz	6GHz	5GHz	Bluetooth
6	EUT 1	5GHz high band	5GHz low band	6GHz	6GHz	Bluetooth
7	EUT 2	5GHz Full band	2.4GHz	-	2.4GHz	Bluetooth
8	EUT 2	5GHz Full band	2.4GHz	-	5GHz	Bluetooth
Refer to Sporton Test Report No.: FA182421-05 for Co-location RF Exposure Evaluation.						

Note: The PoE is for measurement only, would not be marketed.

PoE information as below:

Power	Brand	Model
PoE	PHIHONG	POE60U-1BT-5

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS [ver 6.1.7601].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Others
Antenna bracket*1 (Only for ant. 17 and ant. 19 use)
Bracket*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	PD Load	JUNIPER	AP45	N/A
C	PD PC	DELL	T3400	N/A
D	LAN NB	DELL	E6430	N/A
E	2.4G NB	DELL	E6430	N/A
F	5G NB	DELL	E6430	N/A
G	SCAN NB	DELL	E6430	N/A
H	Flash disk3.0	Transcend	JetFlash-700	2AHBN-AP45

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN Notebook	DELL	E4300	N/A
B	LAN Notebook	DELL	E4300	N/A
C	WLAN module(6E)	Intel	AX210NGW	PD9AX210NG
D	WLAN module(6E)	Intel	AX210NGW	PD9AX210NG
E	WiFi Notebook(2.4G)	DELL	E4300	N/A
F	WiFi Notebook(5G)	DELL	E4300	N/A
G	Flash disk3.0	Silicon Power	B06	N/A
H	PD Load	Juniper	AP45, AP45E	N/A
I	PoE	PHIHONG	ADP-60HR B	N/A

For Radiated (above 1GHz):
non-beamforming mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE	PHIHONG	POE60U-1BT-5	N/A

beamforming mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	PoE	PHIHONG	POE60U-1BT-5	N/A
C	Client	Juniper	AP45	2AHBN-AP45

For RF Conducted:

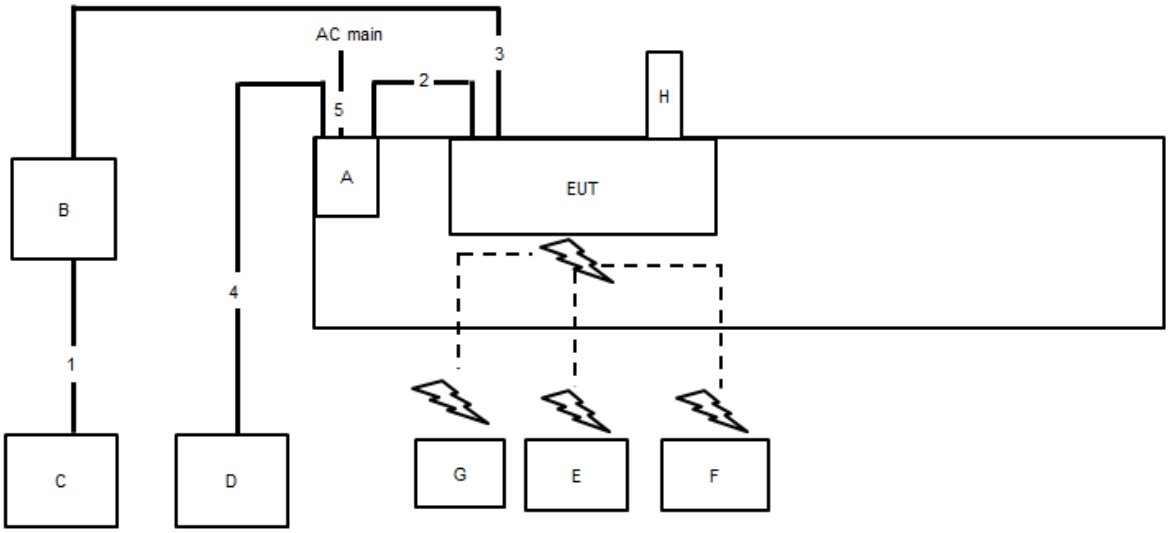
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE60U-1BT-5	N/A
B	Notebook	DELL	E4300	N/A

For Contention Based Protocol:

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

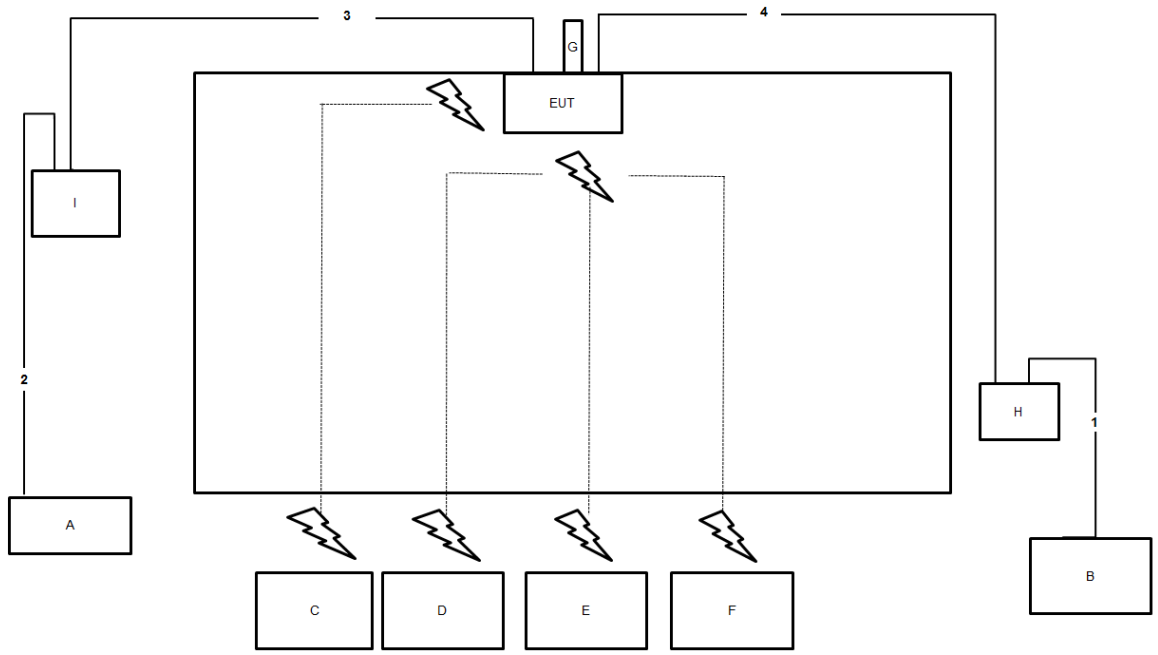
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



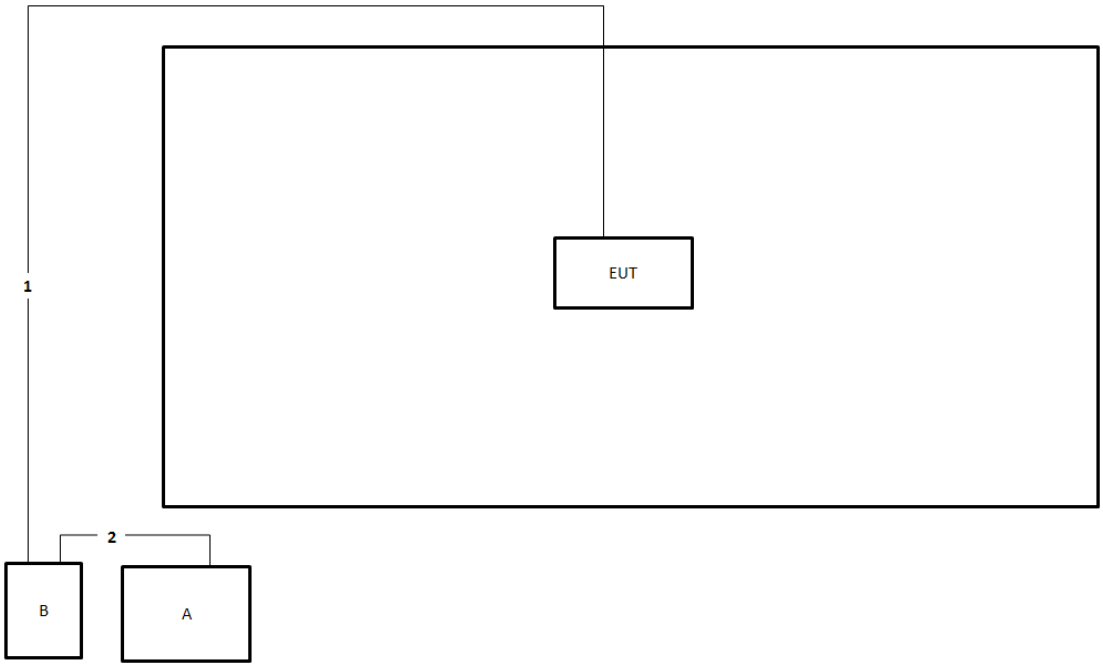
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	Power cable	No	0.8m

Test Setup Diagram - Radiated Test < 1GHz



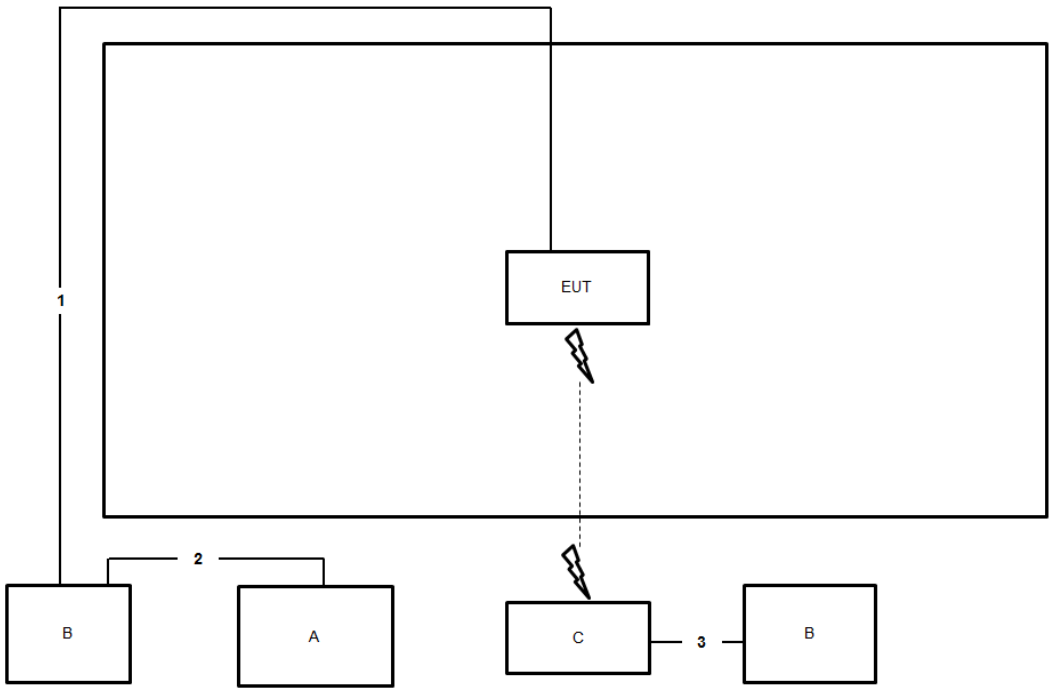
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / non-beamforming mode



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

Test Setup Diagram - Radiated Test > 1GHz / beamforming mode



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

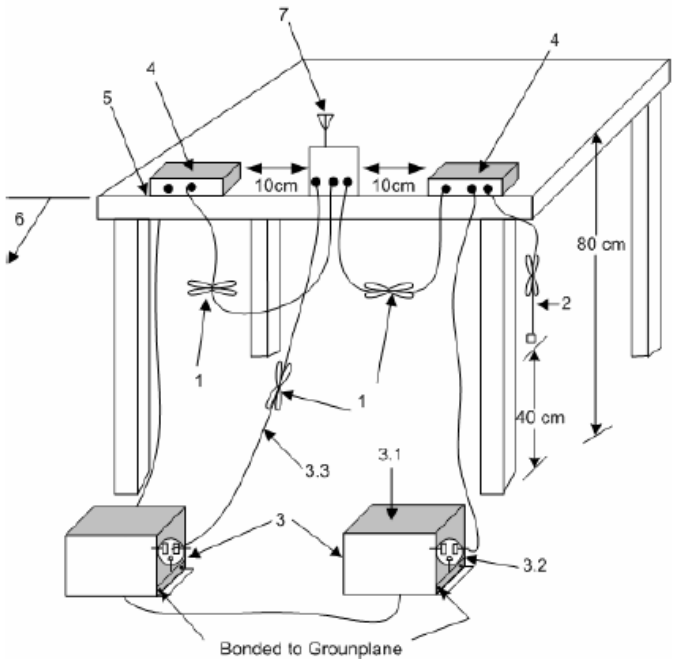
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

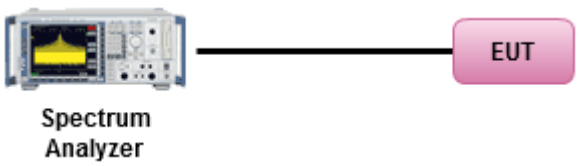
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

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

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

Maximum Equivalent Isotopically Radiated Power (E.I.R.P.) Limit	
UNII Devices	
☒	For the 5.925 ~ 6.425 GHz band:
	▪ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	▪ For indoor access point : e.i.r.p < 30 dBm.
	▪ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	▪ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.425 ~ 6.525 GHz band:
	▪ For indoor access point : e.i.r.p < 30 dBm.
	▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.525 ~ 6.875 GHz band:
	▪ For standard power access point and fixed client device : e.i.r.p < 36 dBm , For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125 mW (21 dBm).
	▪ For indoor access point : e.i.r.p < 30 dBm.
	▪ For subordinate device control of an indoor access point : e.i.r.p < 30 dBm.
	▪ For client device control of a standard power access point : e.i.r.p < 30 dBm.
	▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
☒	For the 6.875 ~ 7.125 GHz band:
	▪ For indoor access point : e.i.r.p < 30 dBm.
	▪ For client device control of an indoor access point : e.i.r.p < 24 dBm.
RLAN Devices	
☐	For the 5.925 ~ 7.125 GHz band:
	▪ For 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐ For radiated measurement.	
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For Radio 4:

Conducted Measurement (Power Meter)


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

Refer as Appendix C

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

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

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

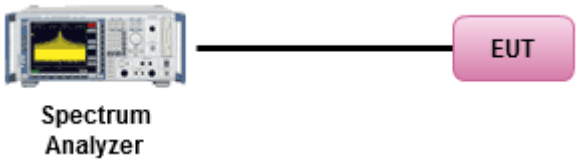
3.4.3 Test Procedures

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.

Test Method	
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

For Radio 4:

Conducted Measurement


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

Refer as Appendix D

3.5 Unwanted Emissions

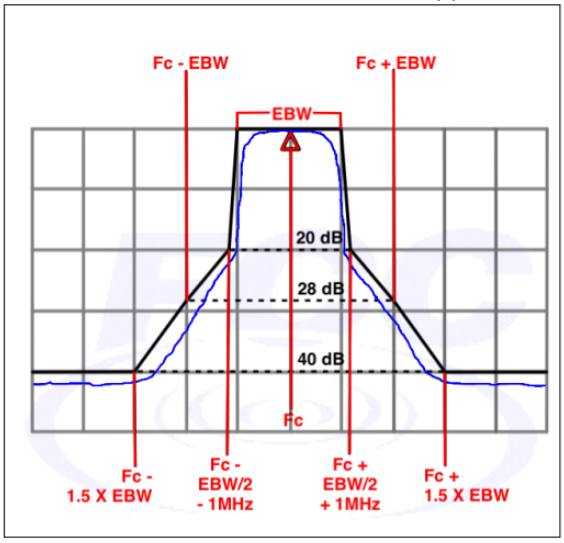
3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Frequency	**Limit**
Any outside the 5.945 – 7.125 GHz emission	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
	Note 1: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m(20 x log (standard distance/ test distance) = 20log(3/1) = 9.54dB. EX. Above 18GHz emission limit calculation (3m to 1m) = 68.2dBuV/m at 3m + 9.54dB = 77.74 dBuV/m at 1m. Note 2:-27 dBm EIRP OOBE is measured RMS which is a deviation from the current 15E rules for 5 GHz bands. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.
Frequency	**Emission MASK Limit**
5.945 – 7.125 GHz	Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB. 

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

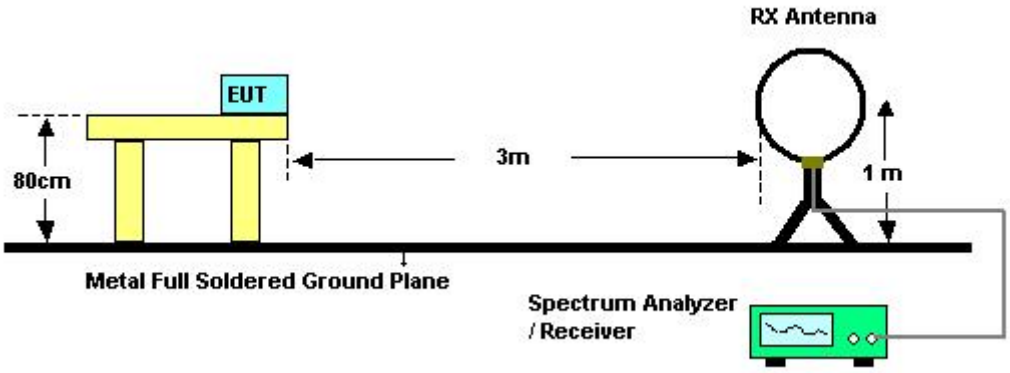
Test Method
▪ According to KDB 987594 D02 II.G. the unwanted emission measurement procedure shall refer to KDB 789300(except emission MASK). Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
☒ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging). (For unrestricted band measurement)
☐ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
☒ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.(For restricted band average measurement)
☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ Refer as FCC KDB 789033 D02, clause G)3)d)ii) for Band edge Integration measurements.
▪ For emission MASK shall be measured using following options below:
☒ Refer as FCC 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.

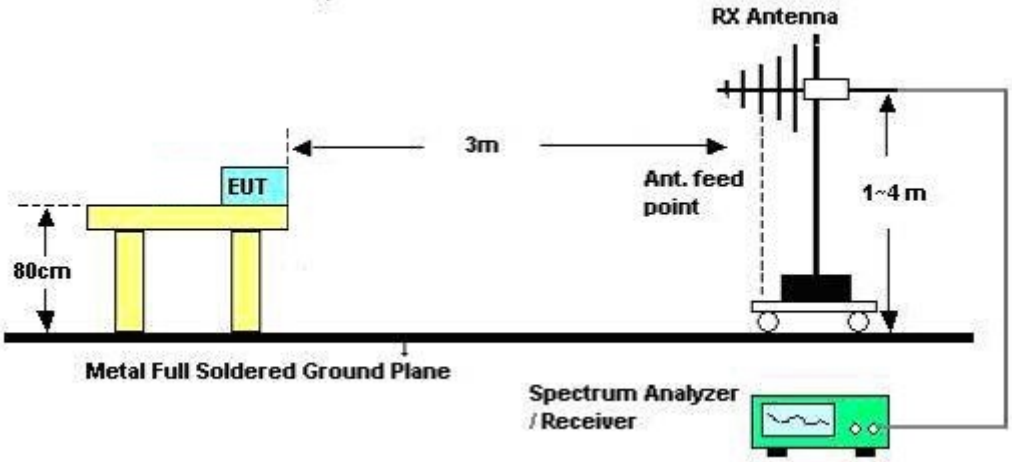
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

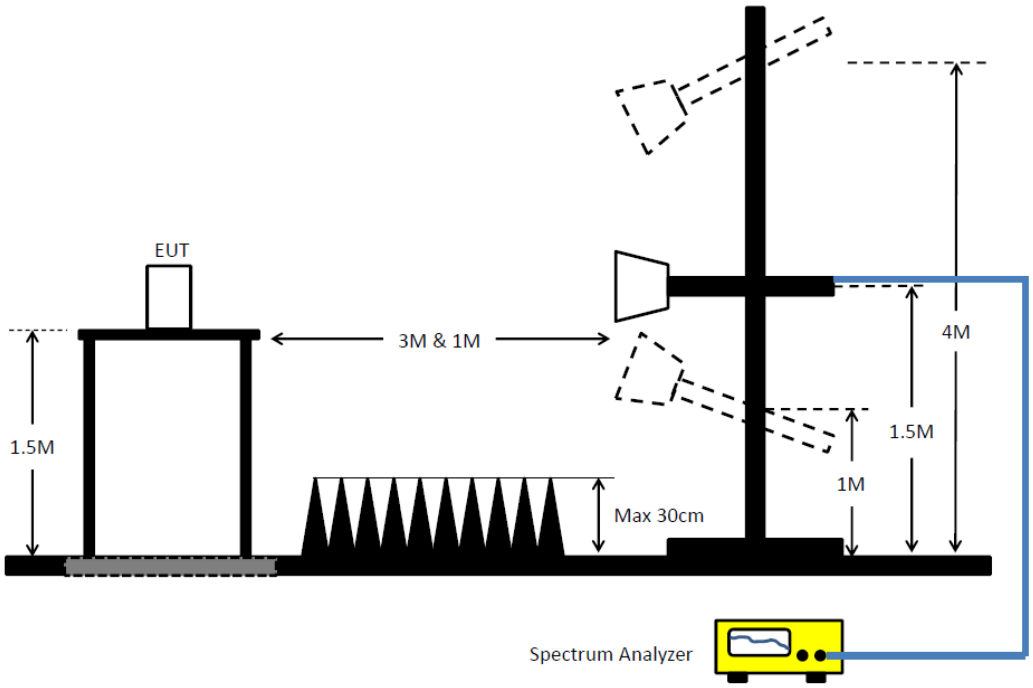
9kHz ~30MHz



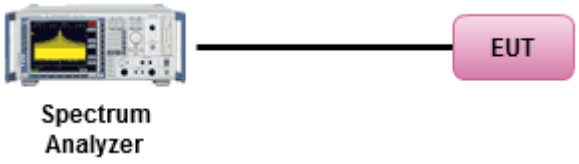
30MHz~1GHz



Above 1GHz



Emission MASK



3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

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

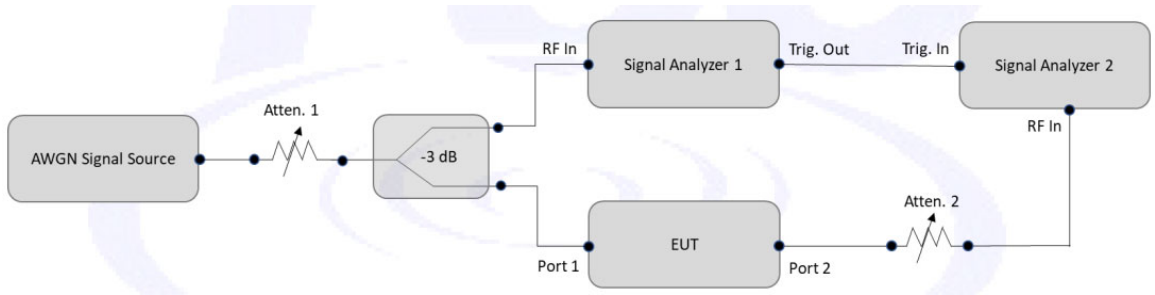
Refer a test equipment and calibration data table in this test report.

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

Contention Based Protocol



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)
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	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 (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 26, 2022	Jan. 25, 2023	Radiation (03CH03-CB)
Bilog Antenna with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	2928 & AT-N0608	20MHz ~ 2GHz	Feb. 21, 2022	Feb. 20, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 10, 2022	Jan. 09, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 04, 2021	Oct. 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)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2020	Nov. 05, 2021	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 23, 2020	Oct. 22, 2021	Radiation (03CH04-CB)
Horn Antenna	COM-POWER	AH-118	071028	1GHz ~ 18GHz	Jun. 23, 2021	Jun. 22, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 15, 2021	Apr. 14, 2022	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 15, 2021	Apr. 14, 2022	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 06, 2021	Nov. 05, 2022	Conducted (DF02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Oct. 28, 2022	Oct. 27, 2023	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 -07	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Power Divider	STI	2 Way	DV-2way -08	1GHz ~ 8GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-61	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-62	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-63	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (DF02-CB)
RF Cable-high	Woken	RG402	High Cable-66	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (DF02-CB)

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

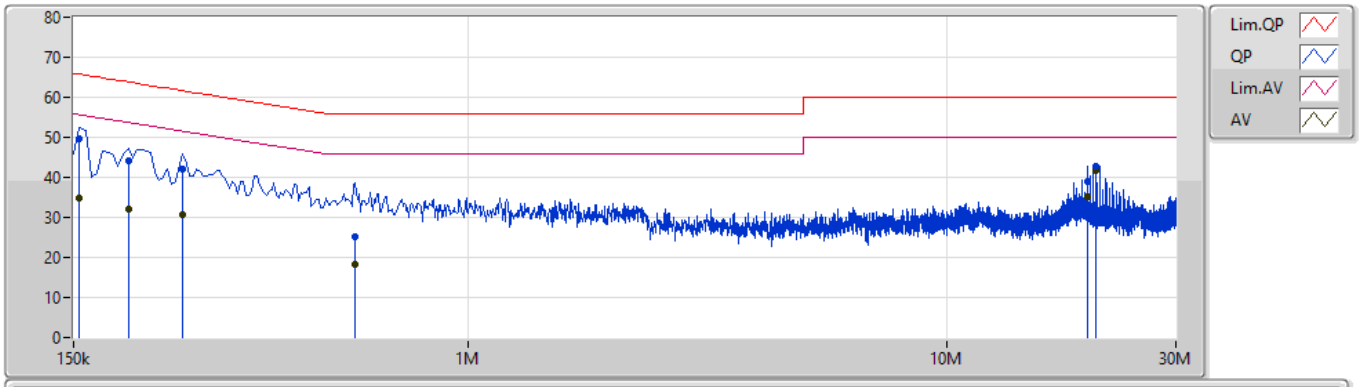
N.C.R. means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	20.364M	41.62	50.00	-8.38	Line

Mode 2

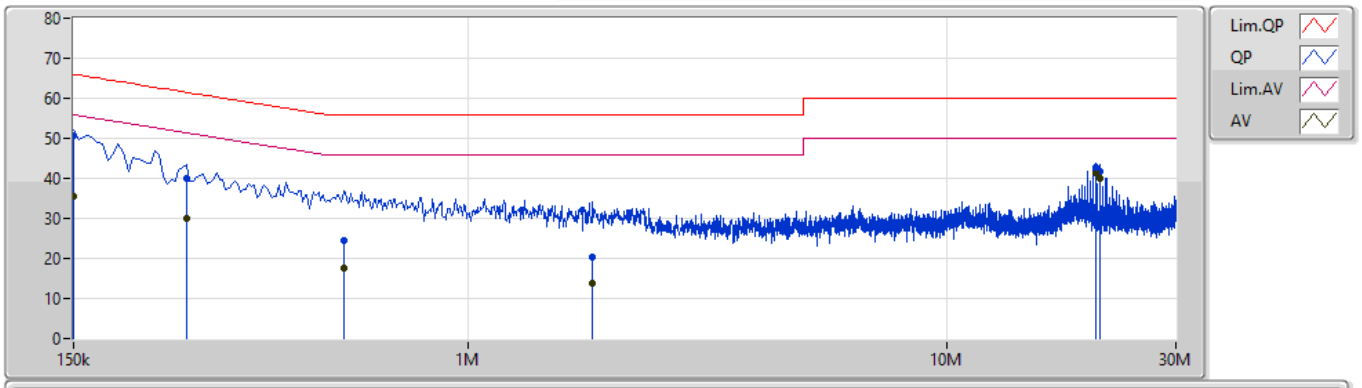
04/01/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	49.68	65.75	-16.07	9.89	Line	-	39.79	0.04	0.04	9.81
AV	154.5k	34.72	55.75	-21.03	9.89	Line	-	24.83	0.04	0.04	9.81
QP	195k	44.22	63.82	-19.60	9.89	Line	-	34.33	0.04	0.04	9.81
AV	195k	31.97	53.82	-21.85	9.89	Line	-	22.08	0.04	0.04	9.81
QP	253.5k	42.12	61.64	-19.52	9.89	Line	-	32.23	0.04	0.04	9.81
AV	253.5k	30.85	51.64	-20.79	9.89	Line	-	20.96	0.04	0.04	9.81
QP	582k	25.17	56.00	-30.83	9.91	Line	-	15.26	0.05	0.04	9.82
AV	582k	18.21	46.00	-27.79	9.91	Line	-	8.30	0.05	0.04	9.82
QP	19.64M	38.97	60.00	-21.03	10.53	Line	-	28.44	0.32	0.22	9.99
AV	19.64M	35.23	50.00	-14.77	10.53	Line	-	24.70	0.32	0.22	9.99
QP	20.364M	42.82	60.00	-17.18	10.54	Line	-	32.28	0.32	0.22	10.00
AV	20.364M	41.62	50.00	-8.38	10.54	Line	"Worst"	31.08	0.32	0.22	10.00

Mode 2

04/01/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	50.67	66.00	-15.33	9.88	Neutral	-	40.79	0.03	0.04	9.81
AV	150k	35.39	56.00	-20.61	9.88	Neutral	-	25.51	0.03	0.04	9.81
QP	258k	40.07	61.49	-21.42	9.88	Neutral	-	30.19	0.03	0.04	9.81
AV	258k	30.07	51.49	-21.42	9.88	Neutral	-	20.19	0.03	0.04	9.81
QP	550.5k	24.54	56.00	-31.46	9.90	Neutral	-	14.64	0.04	0.04	9.82
AV	550.5k	17.54	46.00	-28.46	9.90	Neutral	-	7.64	0.04	0.04	9.82
QP	1.82M	20.34	56.00	-35.66	9.96	Neutral	-	10.38	0.07	0.07	9.82
AV	1.82M	13.69	46.00	-32.31	9.96	Neutral	-	3.73	0.07	0.07	9.82
QP	20.364M	42.77	60.00	-17.23	10.52	Neutral	-	32.25	0.30	0.22	10.00
AV	20.364M	41.55	50.00	-8.45	10.52	Neutral	"Worst"	31.03	0.30	0.22	10.00
QP	20.85M	41.88	60.00	-18.12	10.54	Neutral	-	31.34	0.31	0.23	10.00
AV	20.85M	40.02	50.00	-9.98	10.54	Neutral	-	29.48	0.31	0.23	10.00

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.925-6.425GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	24.75M	19.28M	19M3D1D	24.3M	19.25M
802.11ax HEW40_Nss1,(MCS0)_1TX	42.54M	38.141M	38M1D1D	41.34M	38.081M
802.11ax HEW80_Nss1,(MCS0)_1TX	84.12M	78.081M	78M1D1D	82.2M	77.841M
802.11ax HEW160_Nss1,(MCS0)_1TX	277.92M	158.561M	159MD1D	208.08M	158.081M
6.425-6.525GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	25.86M	19.25M	19M2D1D	23.01M	19.22M
802.11ax HEW40_Nss1,(MCS0)_1TX	44.16M	38.141M	38M1D1D	41.58M	38.081M
802.11ax HEW80_Nss1,(MCS0)_1TX	84.48M	77.961M	78M0D1D	82.8M	77.841M
802.11ax HEW160_Nss1,(MCS0)_1TX	266.64M	159.04M	159MD1D	266.64M	159.04M
6.525-6.875GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	26.58M	19.28M	19M3D1D	22.62M	19.19M
802.11ax HEW40_Nss1,(MCS0)_1TX	43.5M	38.141M	38M1D1D	41.76M	38.081M
802.11ax HEW80_Nss1,(MCS0)_1TX	86.64M	78.081M	78M1D1D	82.92M	77.841M
802.11ax HEW160_Nss1,(MCS0)_1TX	344.16M	184.228M	184MD1D	291.6M	161.199M
6.875-7.125GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	25.98M	19.28M	19M3D1D	21.84M	19.25M
802.11ax HEW40_Nss1,(MCS0)_1TX	43.26M	38.201M	38M2D1D	41.58M	38.141M
802.11ax HEW80_Nss1,(MCS0)_1TX	129.36M	79.04M	79M0D1D	84.24M	78.201M
802.11ax HEW160_Nss1,(MCS0)_1TX	300.72M	159.52M	160MD1D	300.72M	159.52M

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

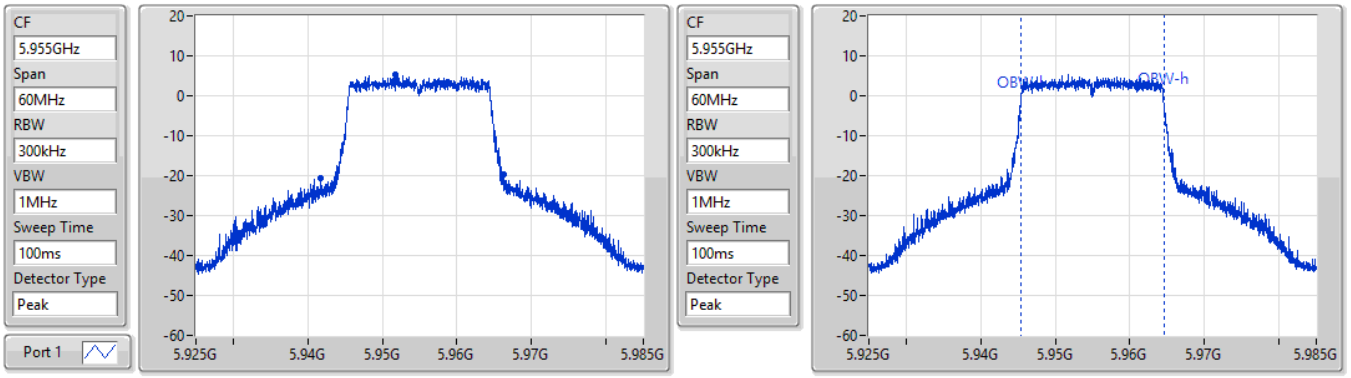
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5955MHz	Pass	Inf	24.57M	19.25M
6175MHz	Pass	Inf	24.3M	19.28M
6415MHz	Pass	Inf	24.75M	19.28M
6435MHz	Pass	Inf	25.5M	19.25M
6475MHz	Pass	Inf	25.86M	19.25M
6515MHz	Pass	Inf	23.01M	19.22M
6535MHz	Pass	Inf	22.62M	19.25M
6695MHz	Pass	Inf	25.26M	19.25M
6855MHz	Pass	Inf	26.58M	19.28M
6875MHz Straddle 6.525-6.875GHz	Pass	Inf	23.28M	19.19M
6895MHz	Pass	Inf	24.24M	19.25M
6995MHz	Pass	Inf	21.84M	19.25M
7095MHz	Pass	Inf	25.98M	19.28M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5965MHz	Pass	Inf	41.7M	38.081M
6165MHz	Pass	Inf	42.54M	38.141M
6405MHz	Pass	Inf	41.34M	38.141M
6445MHz	Pass	Inf	44.16M	38.141M
6485MHz	Pass	Inf	41.58M	38.081M
6525MHz Straddle 6.425-6.525GHz	Pass	Inf	41.64M	38.081M
6565MHz	Pass	Inf	41.76M	38.081M
6685MHz	Pass	Inf	42.18M	38.081M
6845MHz	Pass	Inf	43.5M	38.141M
6885MHz Straddle 6.525-6.875GHz	Pass	Inf	41.94M	38.141M
6925MHz	Pass	Inf	43.26M	38.141M
7005MHz	Pass	Inf	42.54M	38.201M
7085MHz	Pass	Inf	41.58M	38.141M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5985MHz	Pass	Inf	82.8M	77.961M
6145MHz	Pass	Inf	84.12M	77.841M
6385MHz	Pass	Inf	82.2M	78.081M
6465MHz	Pass	Inf	82.8M	77.961M
6545MHz Straddle 6.425-6.525GHz	Pass	Inf	84.48M	77.841M
6625MHz	Pass	Inf	84M	77.961M
6705MHz	Pass	Inf	82.92M	77.961M
6785MHz	Pass	Inf	83.64M	77.841M
6865MHz Straddle 6.525-6.875GHz	Pass	Inf	86.64M	78.081M
6945MHz	Pass	Inf	84.24M	78.201M
7025MHz	Pass	Inf	129.36M	79.04M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
6025MHz	Pass	Inf	208.08M	158.321M
6185MHz	Pass	Inf	277.92M	158.561M
6345MHz	Pass	Inf	246M	158.081M
6505MHz Straddle 6.425-6.525GHz	Pass	Inf	266.64M	159.04M
6665MHz	Pass	Inf	291.6M	161.199M
6825MHz Straddle 6.525-6.875GHz	Pass	Inf	344.16M	184.228M
6985MHz	Pass	Inf	300.72M	159.52M

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_Nss1,(MCS0)_1TX EBW

5955MHz

22/02/2022

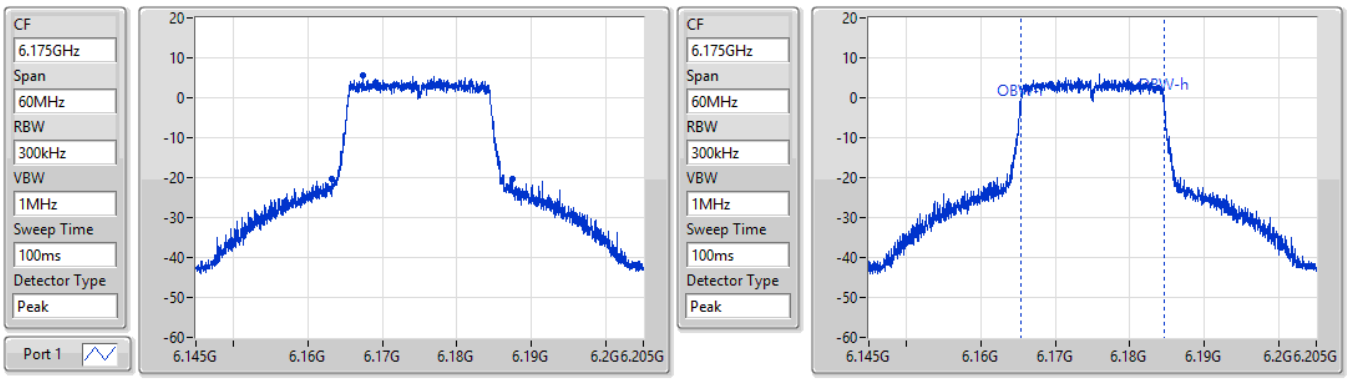


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.57M	5.94174G	5.96631G	19.25M	5.945345G	5.964595G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

6175MHz

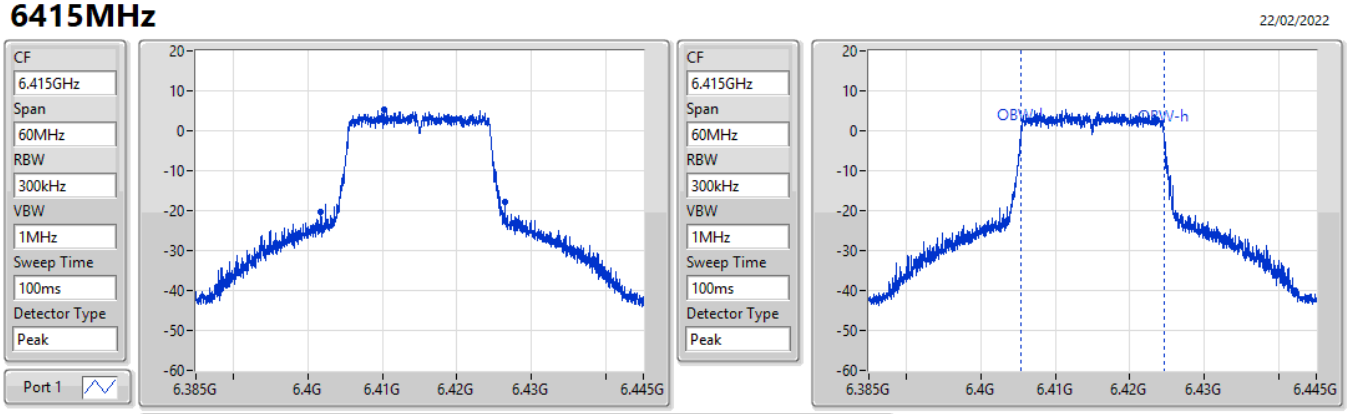
22/02/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.3M	6.16318G	6.18748G	19.28M	6.165315G	6.184595G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

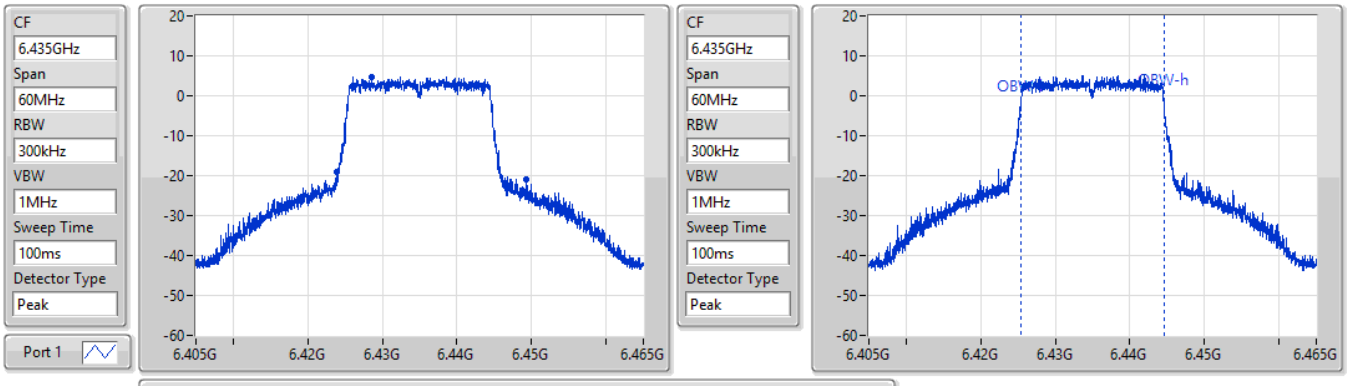
6415MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.75M	6.40174G	6.42649G	19.28M	6.405345G	6.424625G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

6435MHz

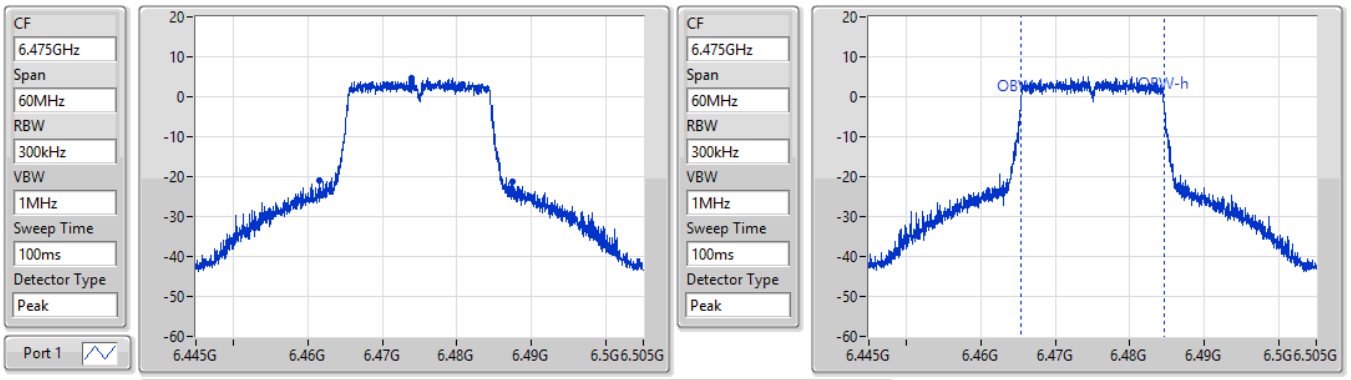


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.5M	6.42381G	6.44931G	19.25M	6.425345G	6.444595G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

6475MHz

22/02/2022

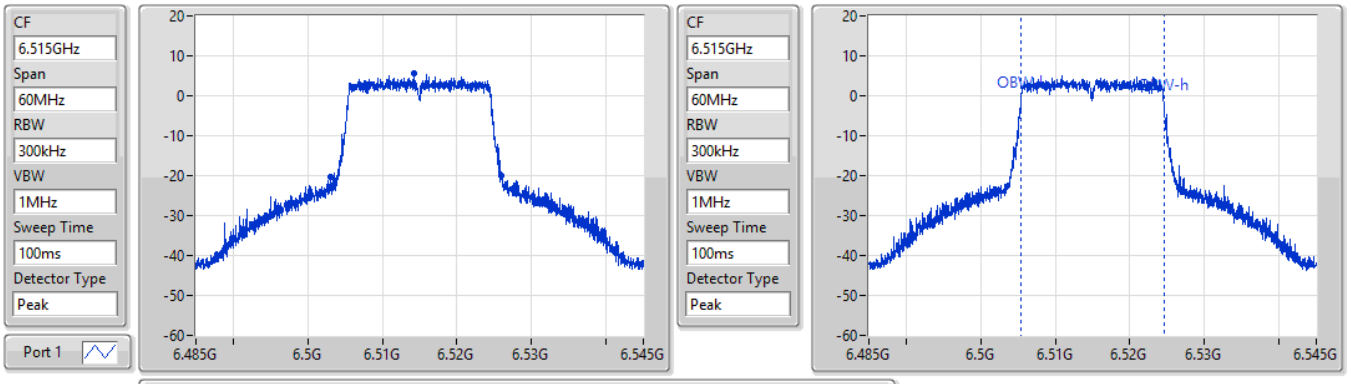


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.86M	6.46156G	6.48742G	19.25M	6.465345G	6.484595G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

6515MHz

22/02/2022

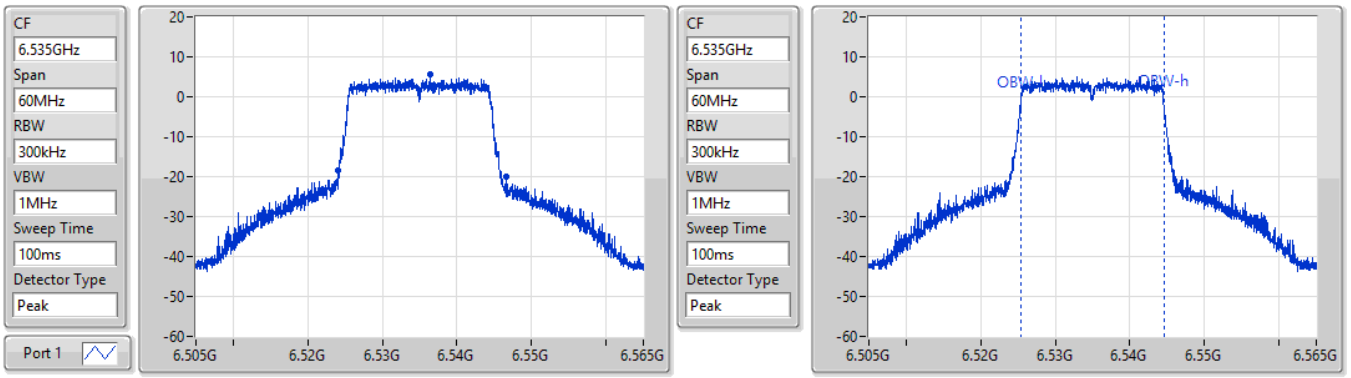


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.01M	6.503G	6.52601G	19.22M	6.505345G	6.524565G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

6535MHz

22/02/2022

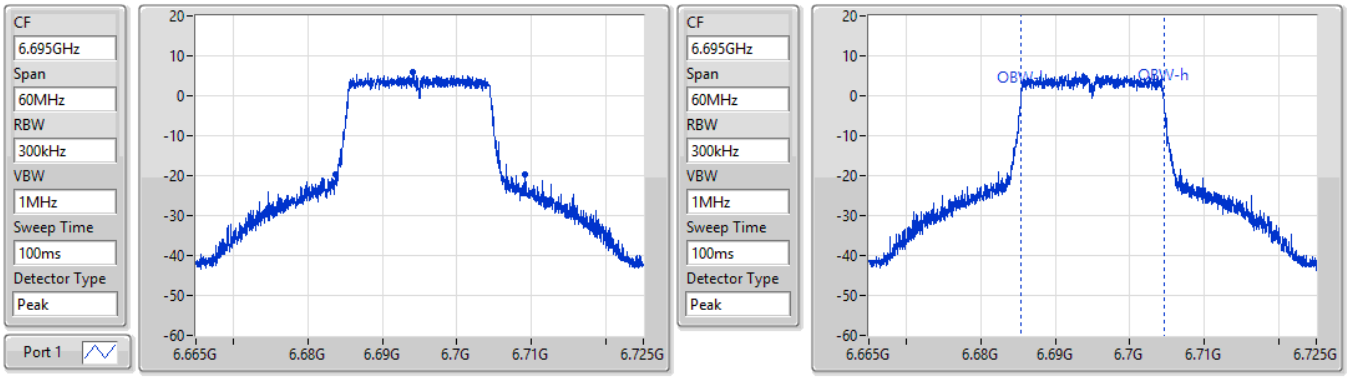


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.62M	6.52405G	6.54667G	19.25M	6.525315G	6.544565G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

6695MHz

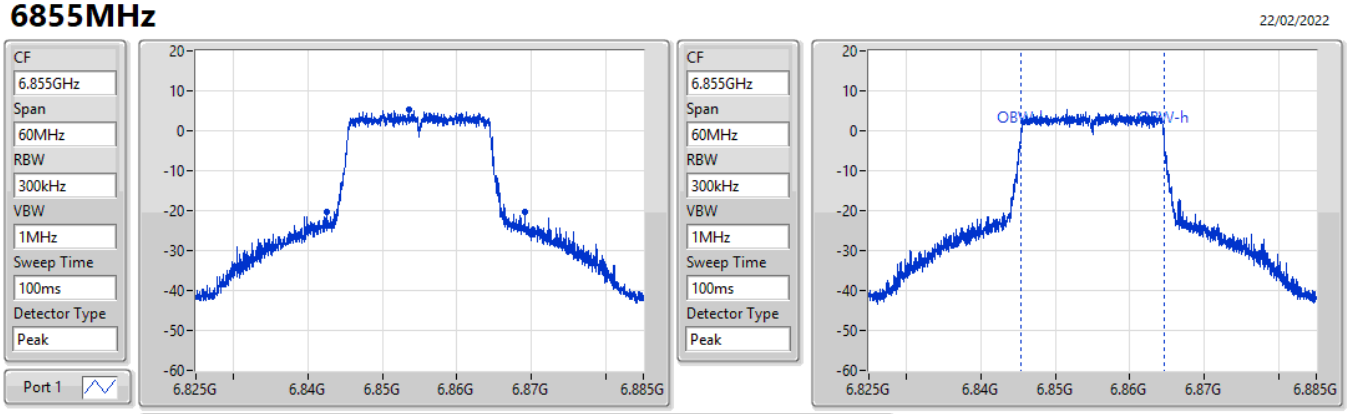
22/02/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.26M	6.68378G	6.70904G	19.25M	6.685345G	6.704595G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

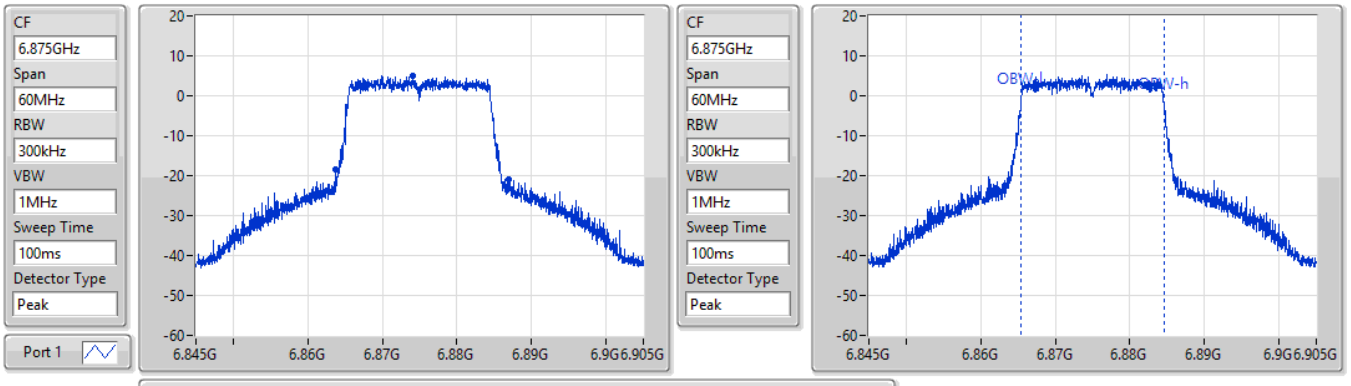
6855MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.58M	6.84258G	6.86916G	19.28M	6.845315G	6.864595G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

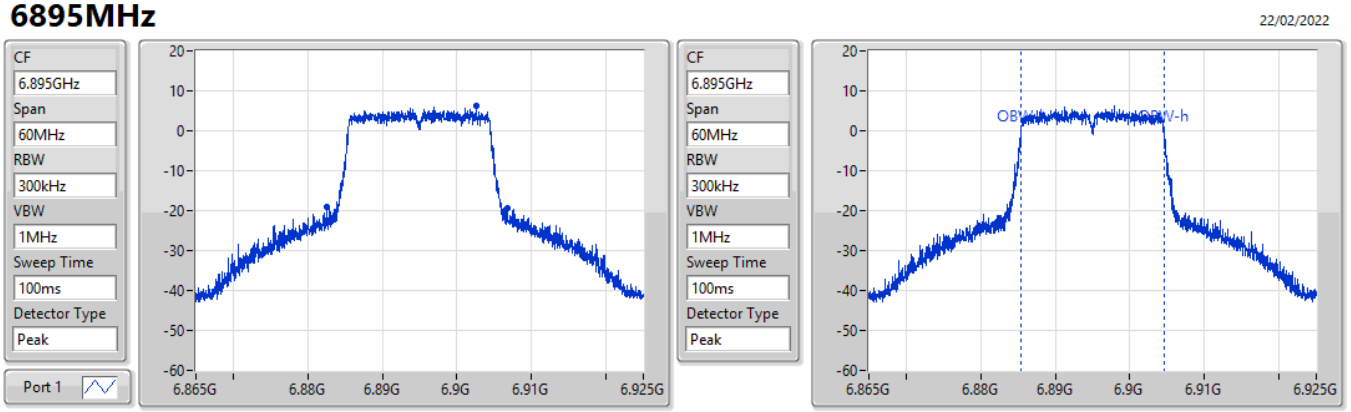
6875MHz Straddle 6.525-6.875GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.28M	6.86375G	6.88703G	19.19M	6.865375G	6.884565G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

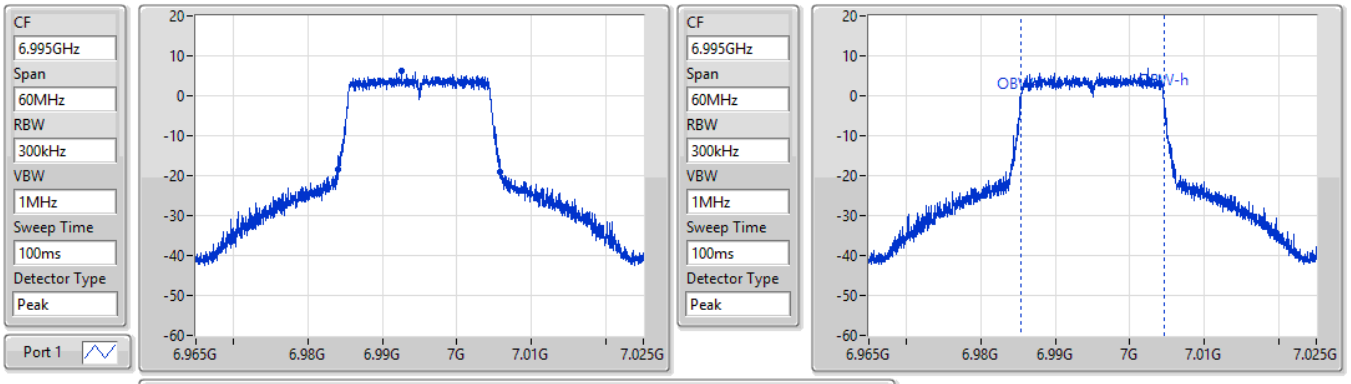
6895MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.24M	6.88249G	6.90673G	19.25M	6.885345G	6.904595G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

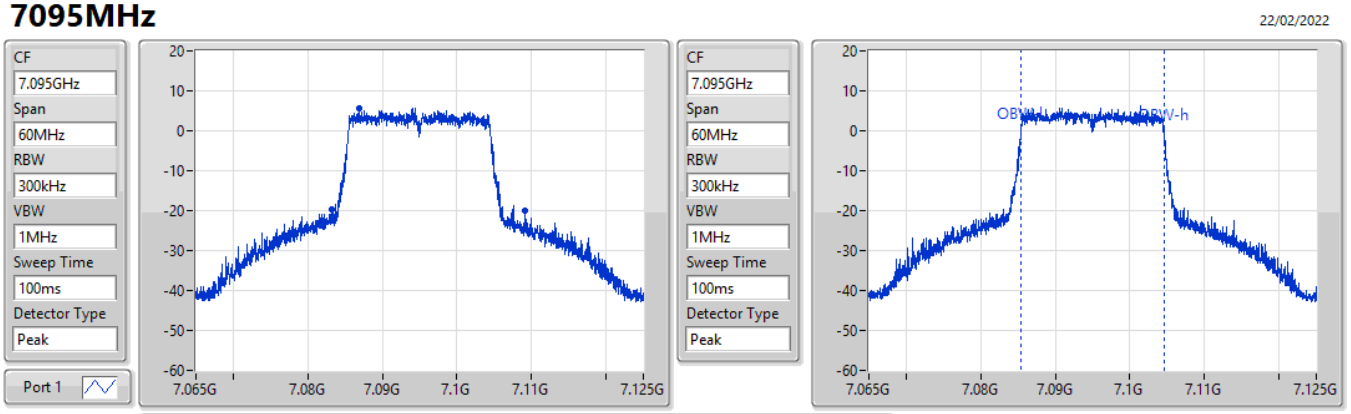
6995MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	6.98399G	7.00583G	19.25M	6.985315G	7.004565G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

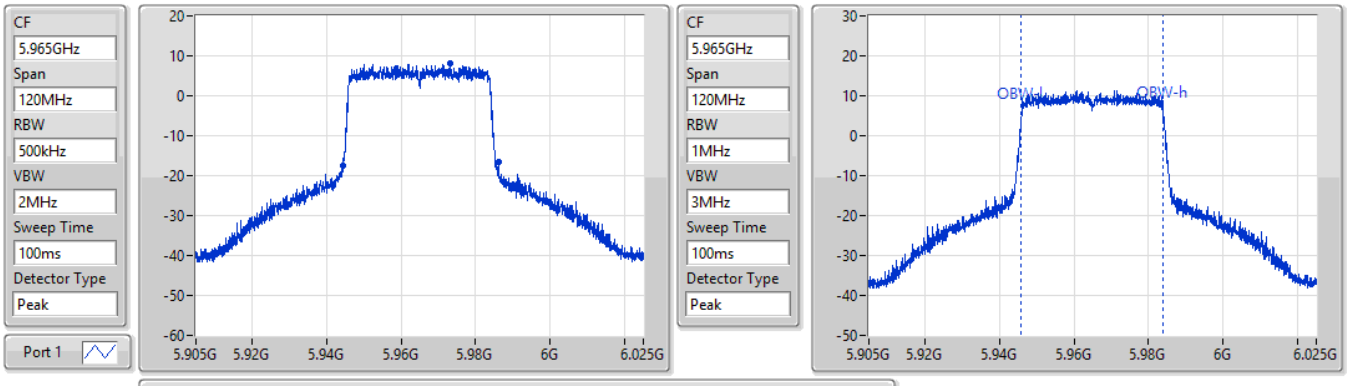
7095MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.98M	7.08321G	7.10919G	19.28M	7.085315G	7.104595G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5965MHz

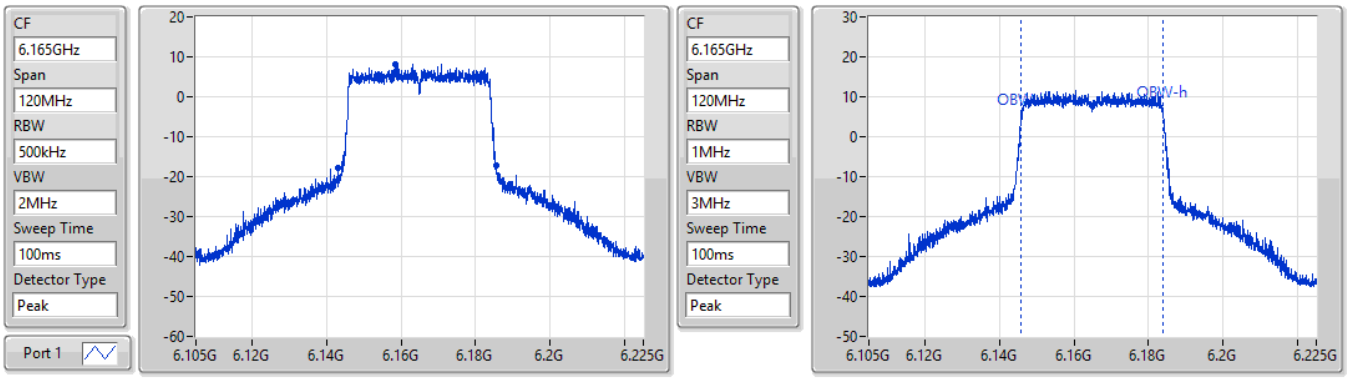


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.7M	5.94436G	5.98606G	38.081M	5.94593G	5.98401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

6165MHz

22/02/2022

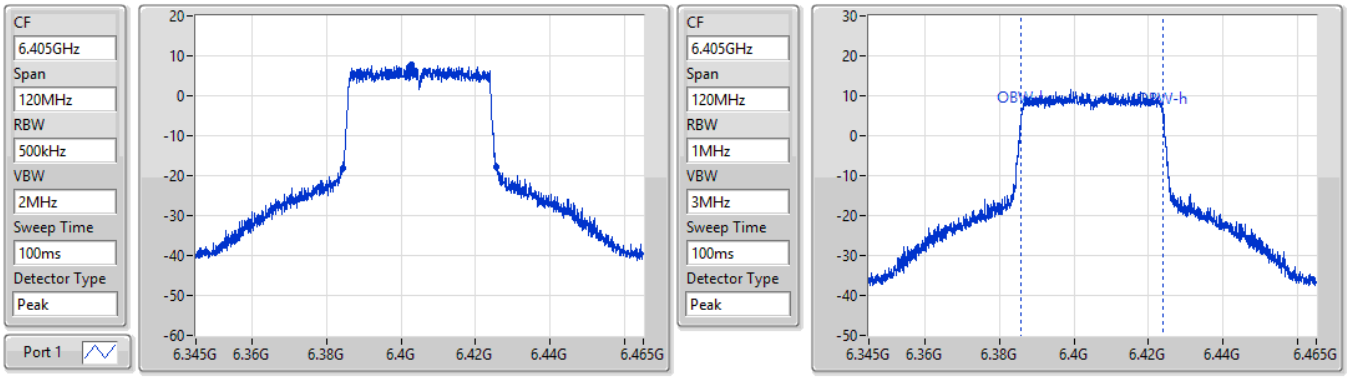


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.54M	6.1431G	6.18564G	38.141M	6.14587G	6.18401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

6405MHz

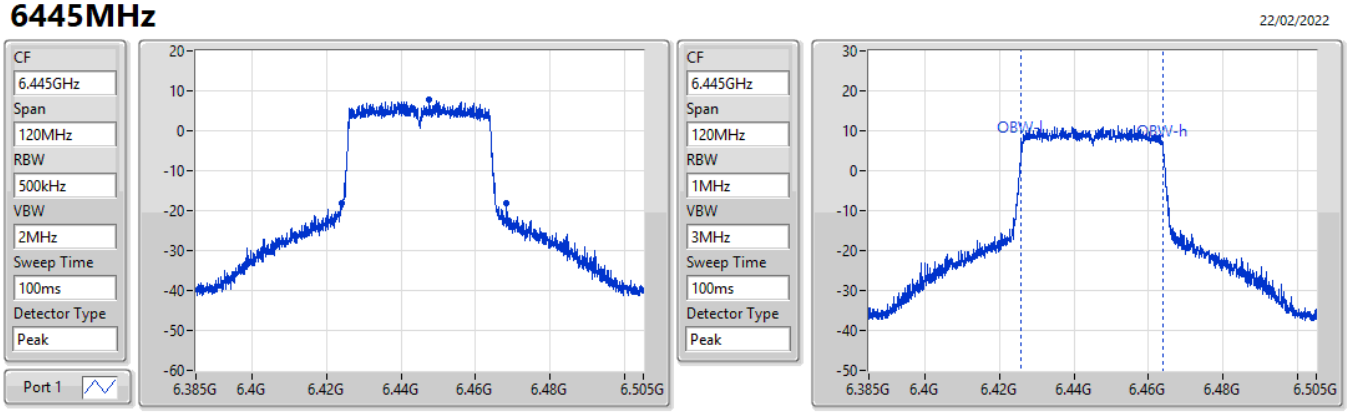
22/02/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.34M	6.38436G	6.4257G	38.141M	6.38587G	6.42401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

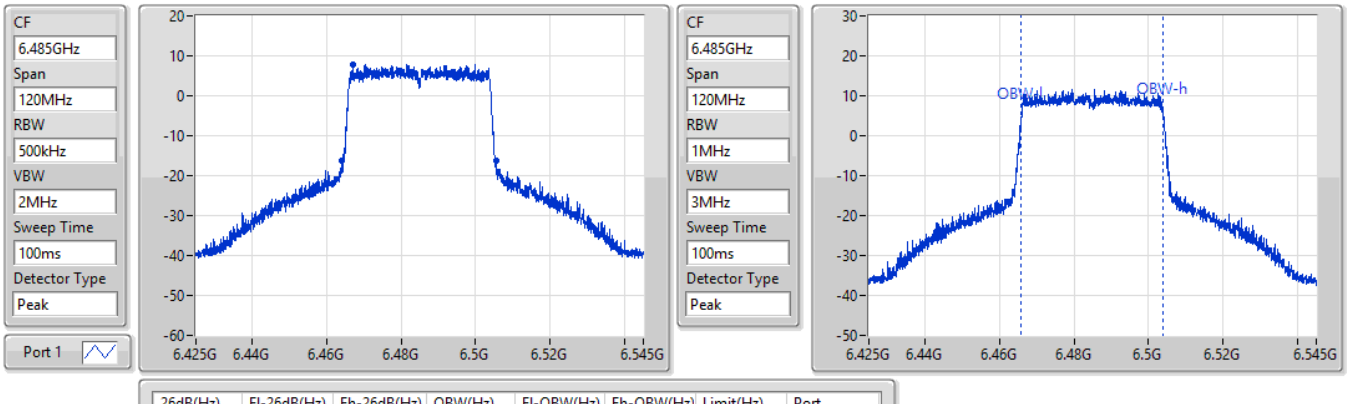
6445MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.16M	6.424G	6.46816G	38.141M	6.42587G	6.46401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

6485MHz

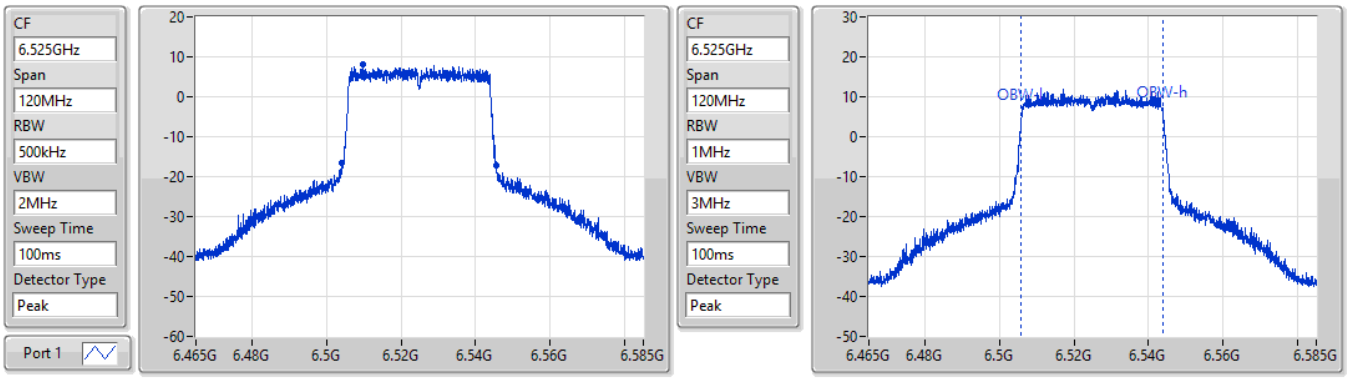


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	6.464G	6.50558G	38.081M	6.46593G	6.50401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

6525MHz Straddle 6.425-6.525GHz

22/02/2022

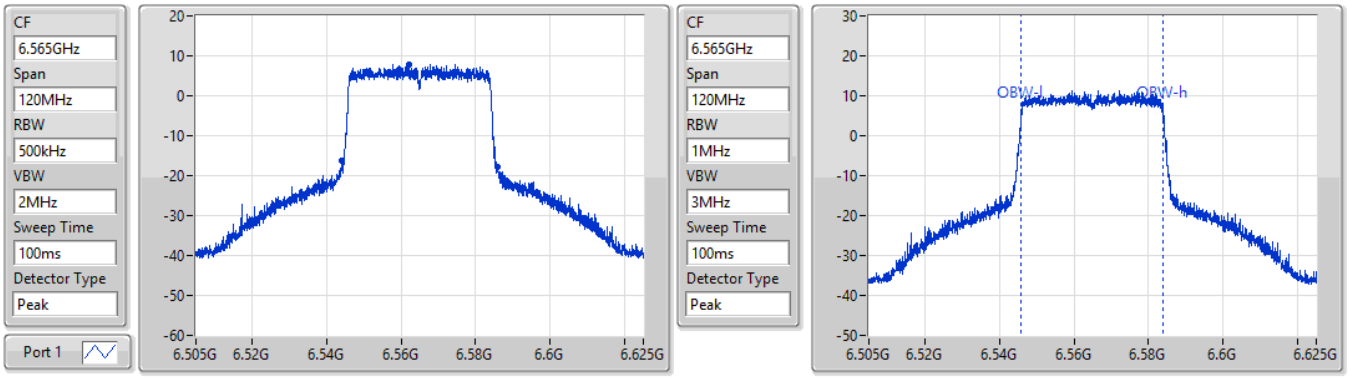


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.64M	6.504G	6.54564G	38.081M	6.50593G	6.54401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

6565MHz

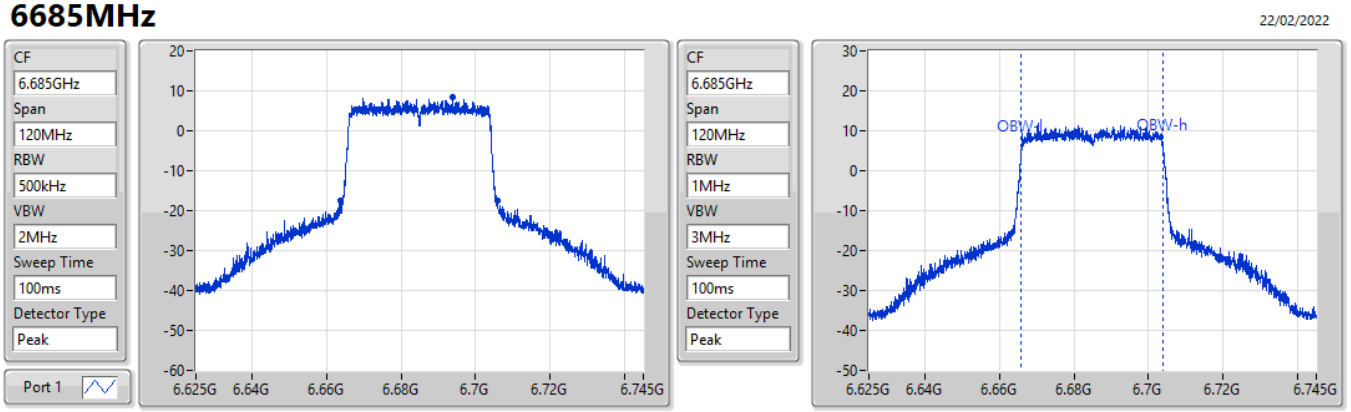
22/02/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.76M	6.544G	6.58576G	38.081M	6.54587G	6.583951G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

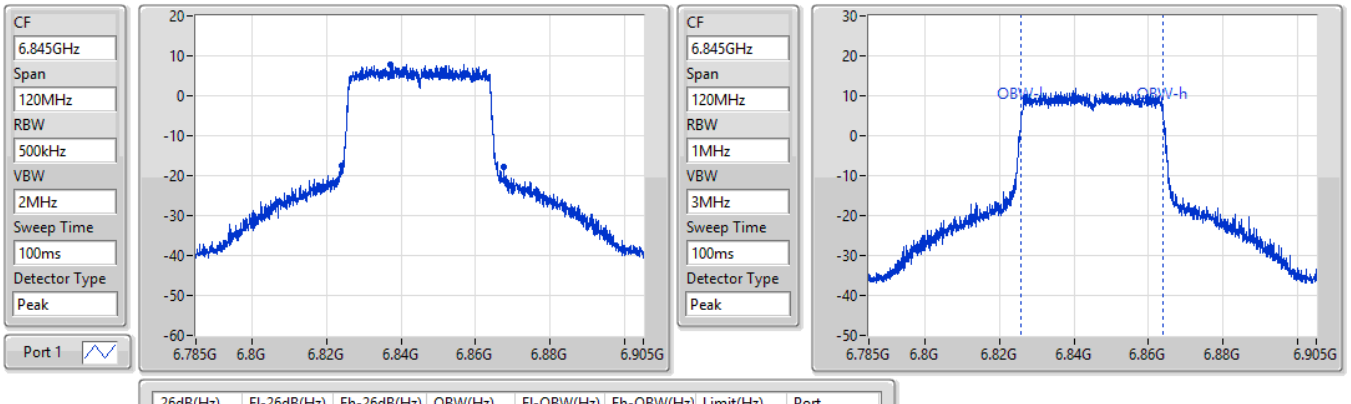
6685MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.18M	6.66376G	6.70594G	38.081M	6.66593G	6.70401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

6845MHz

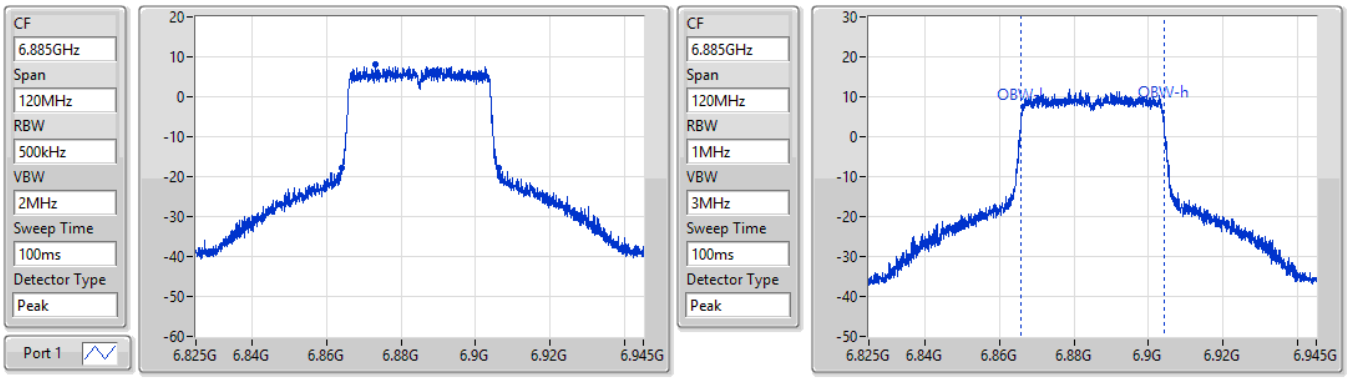


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.5M	6.824G	6.8675G	38.141M	6.82587G	6.86401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

6885MHz Straddle 6.525-6.875GHz

22/02/2022

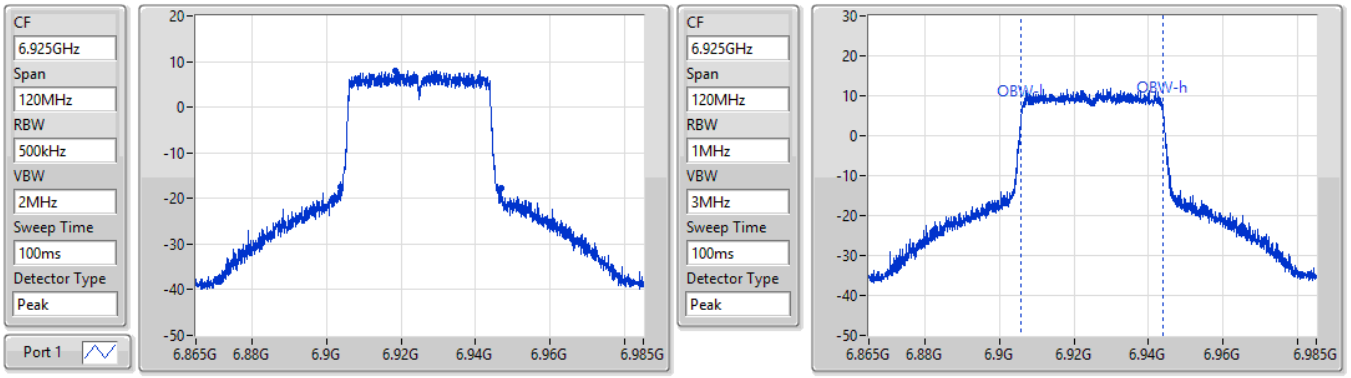


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.94M	6.86412G	6.90606G	38.141M	6.86593G	6.90407G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

6925MHz

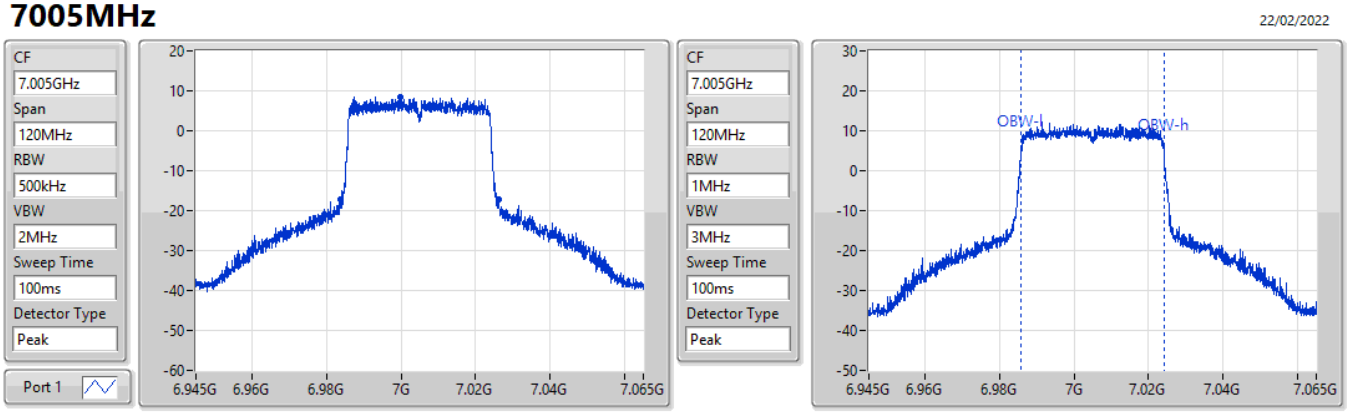
22/02/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.26M	6.90376G	6.94702G	38.141M	6.90587G	6.94401G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

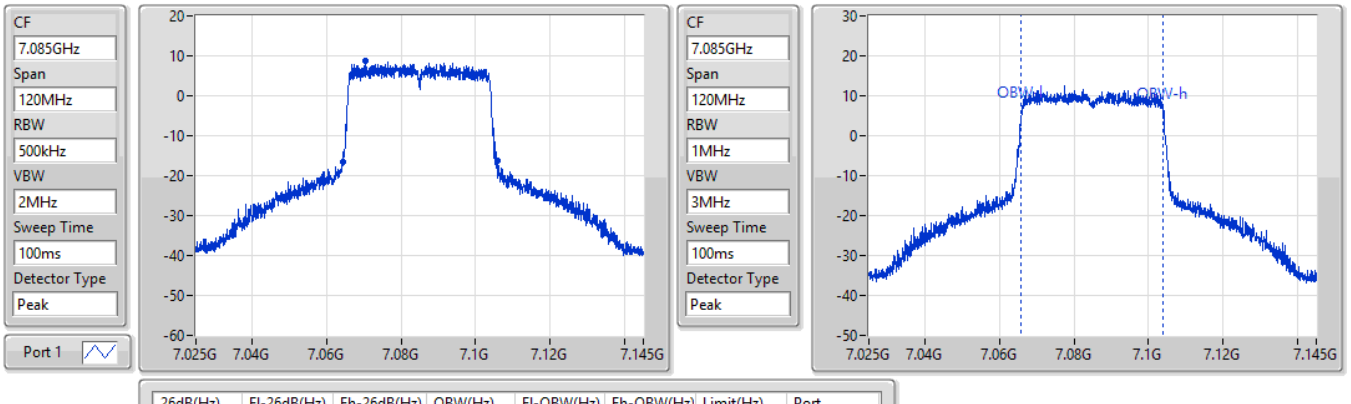
7005MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.54M	6.9837G	7.02624G	38.201M	6.98587G	7.02407G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

7085MHz

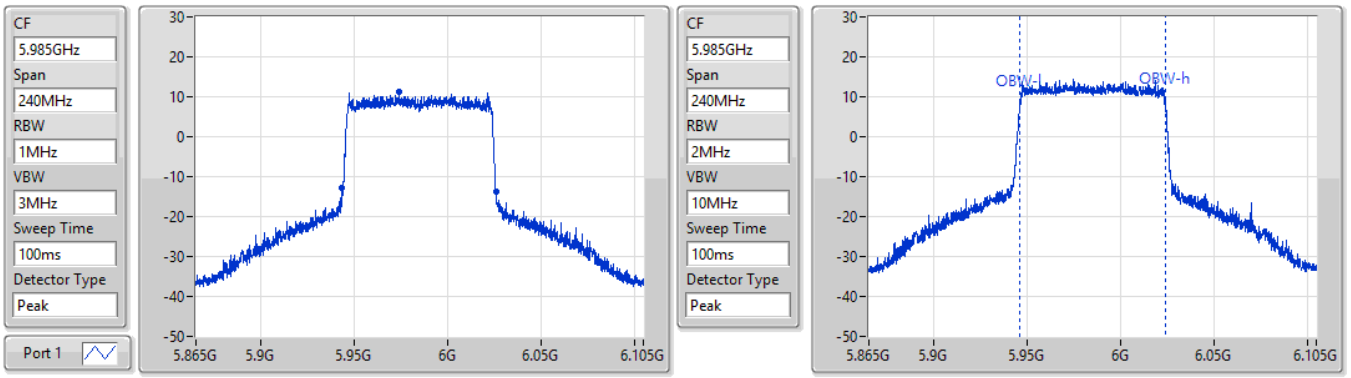


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	7.0643G	7.10588G	38.141M	7.06587G	7.10401G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5985MHz

22/02/2022

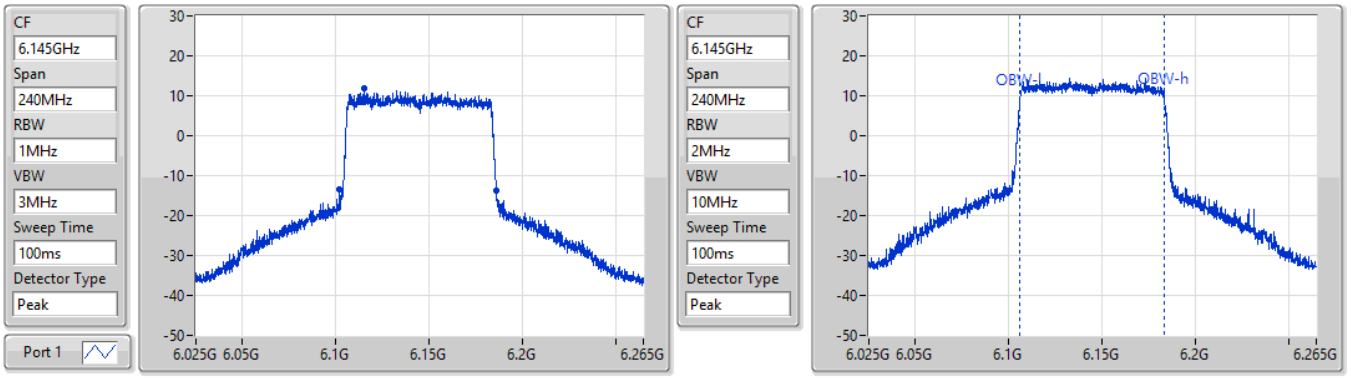


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.94324G	6.02604G	77.961M	5.946019G	6.023981G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6145MHz

22/02/2022

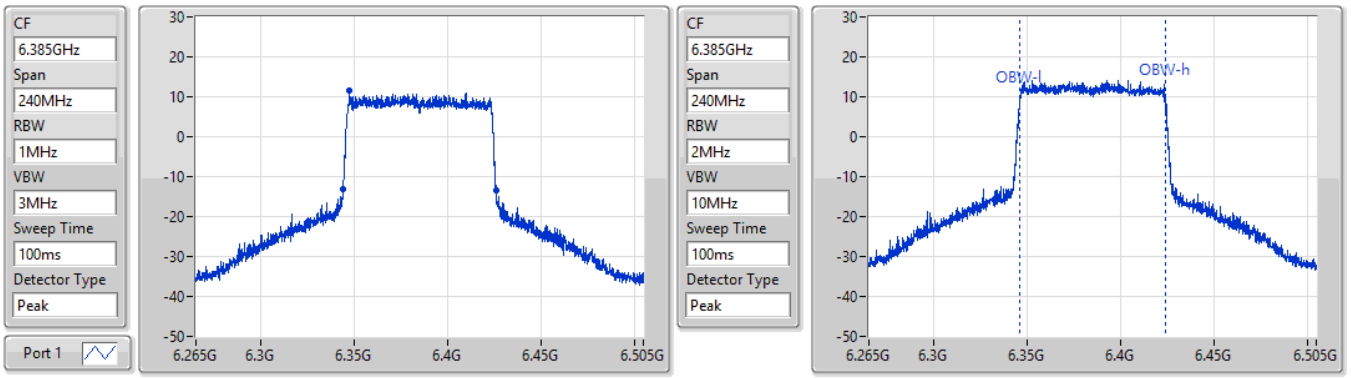


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.12M	6.10204G	6.18616G	77.841M	6.1059G	6.183741G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6385MHz

22/02/2022

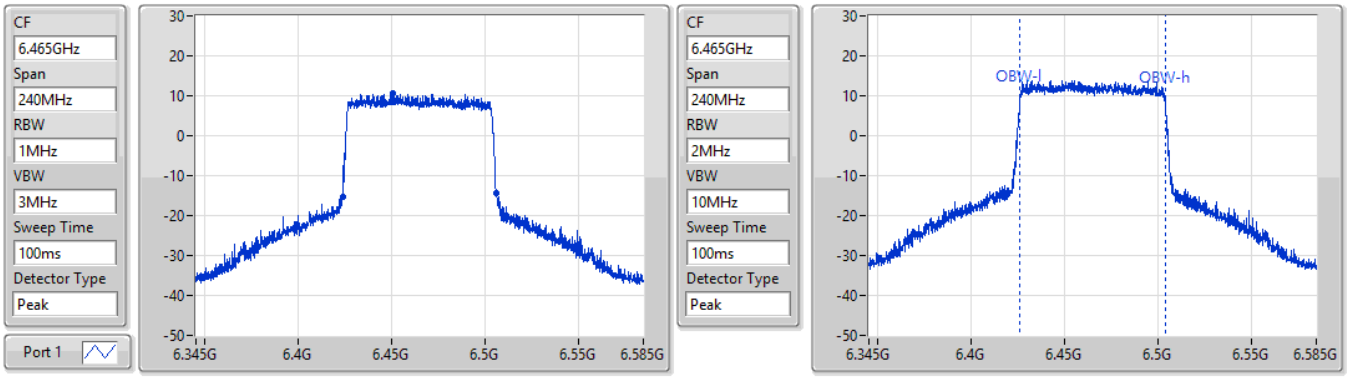


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	6.34384G	6.42604G	78.081M	6.346019G	6.4241G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6465MHz

22/02/2022

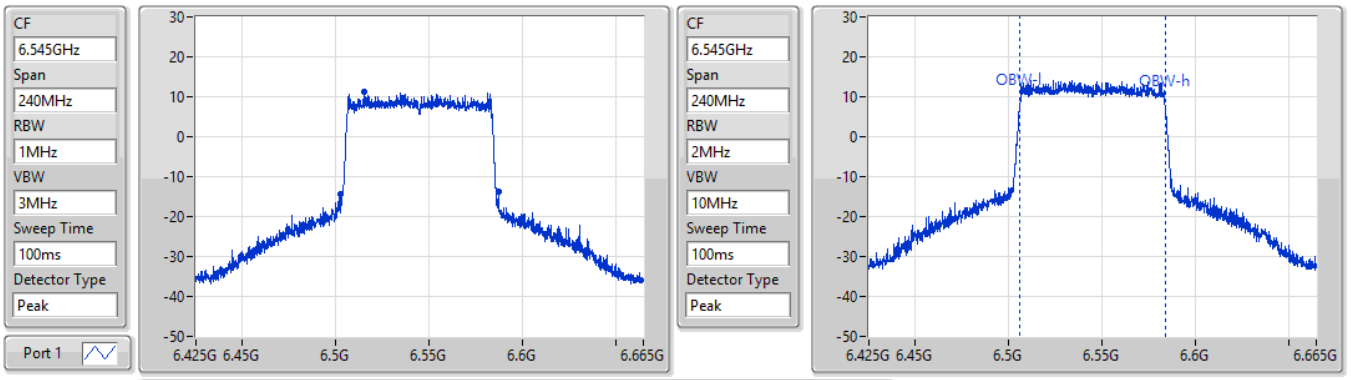


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	6.4236G	6.5064G	77.961M	6.4259G	6.503861G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6545MHz Straddle 6.425-6.525GHz

22/02/2022

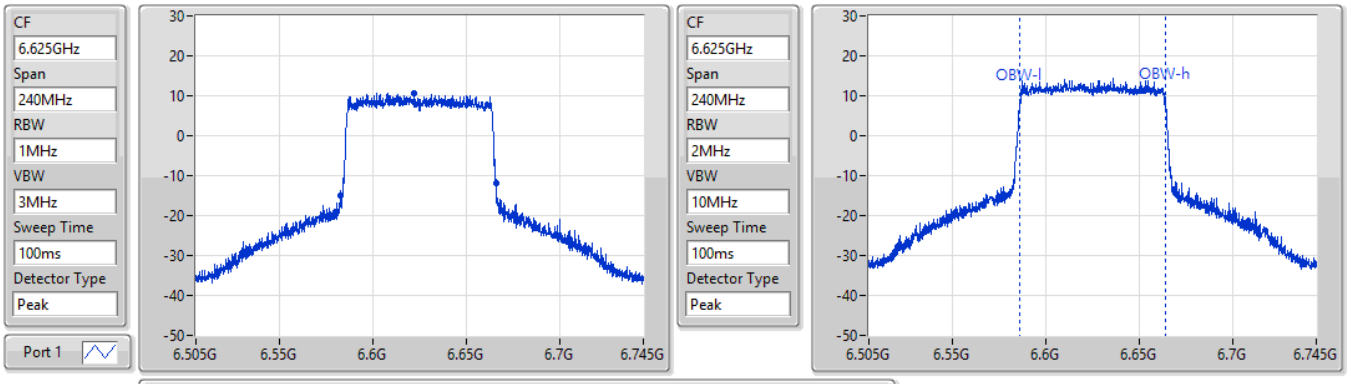


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.48M	6.50264G	6.58712G	77.841M	6.506019G	6.583861G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6625MHz

22/02/2022

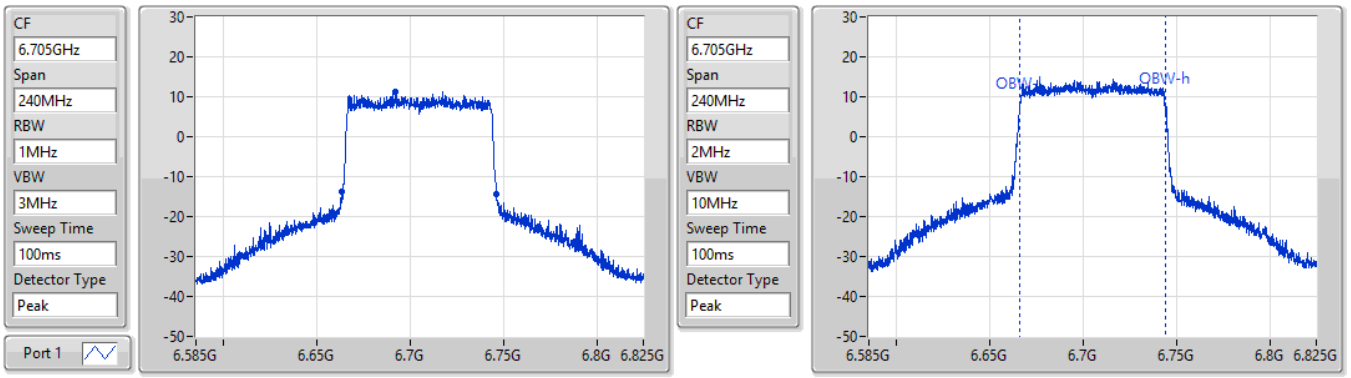


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84M	6.58228G	6.66628G	77.961M	6.586019G	6.663981G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6705MHz

22/02/2022

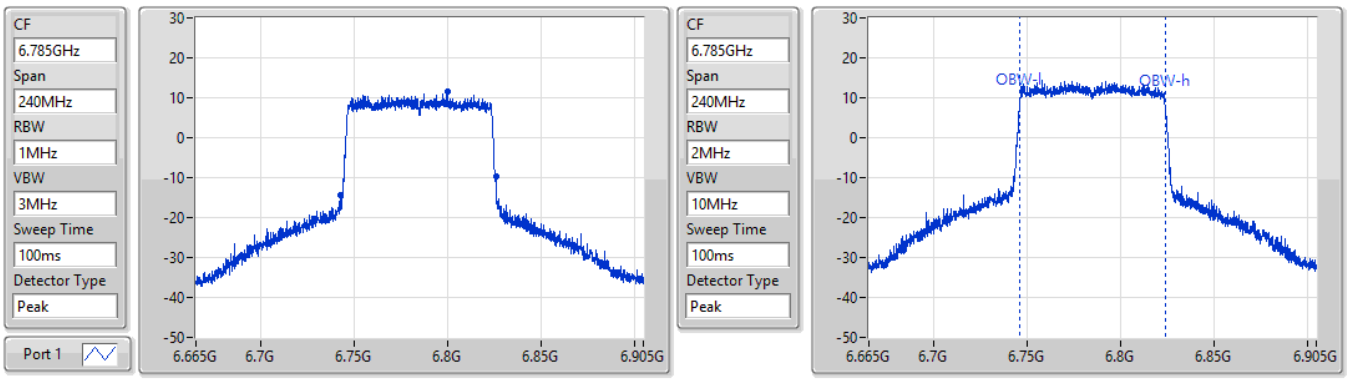


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	6.66348G	6.7464G	77.961M	6.666019G	6.743981G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6785MHz

22/02/2022

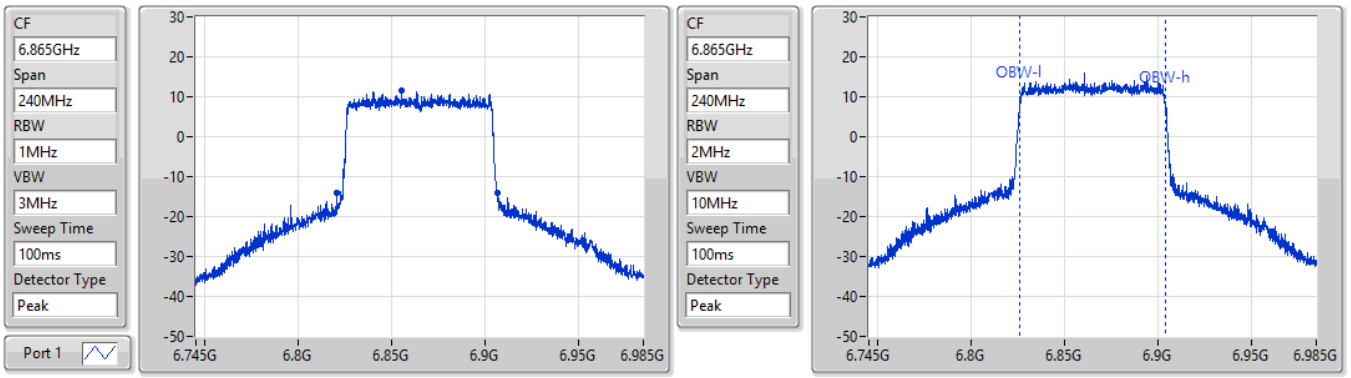


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.64M	6.74228G	6.82592G	77.841M	6.746019G	6.823861G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6865MHz Straddle 6.525-6.875GHz

22/02/2022

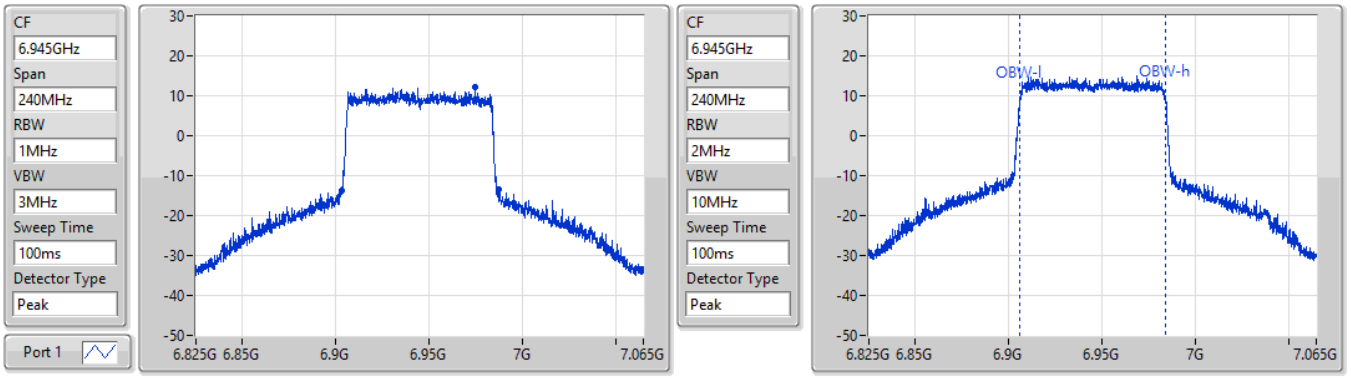


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
86.64M	6.82036G	6.907G	78.081M	6.826019G	6.9041G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

6945MHz

22/02/2022

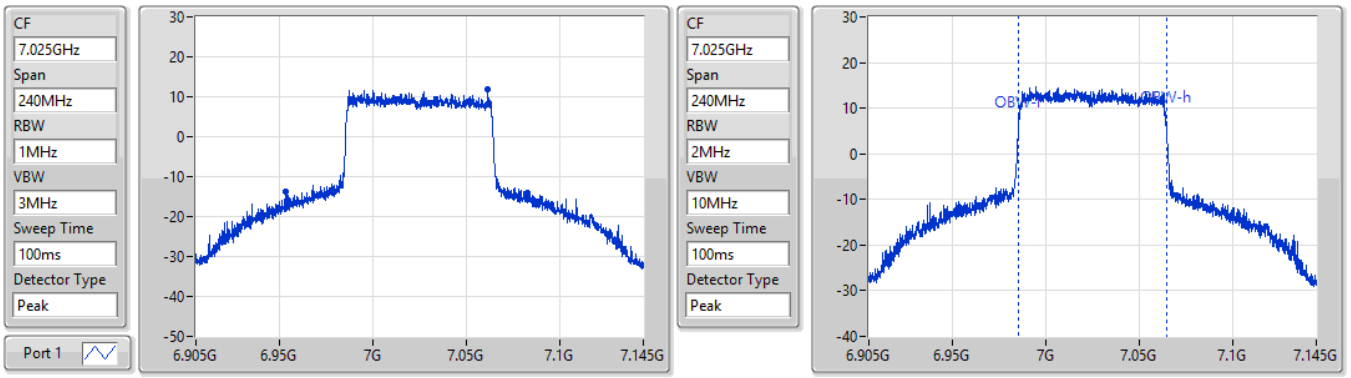


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.24M	6.903G	6.98724G	78.201M	6.9059G	6.9841G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

7025MHz

22/02/2022

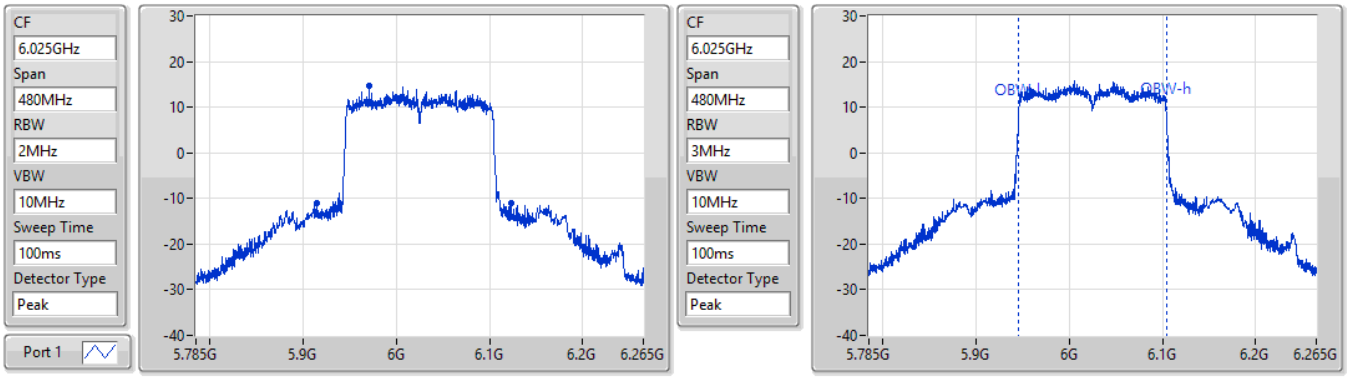


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
129.36M	6.95324G	7.0826G	79.04M	6.98542G	7.06446G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX EBW

6025MHz

22/02/2022

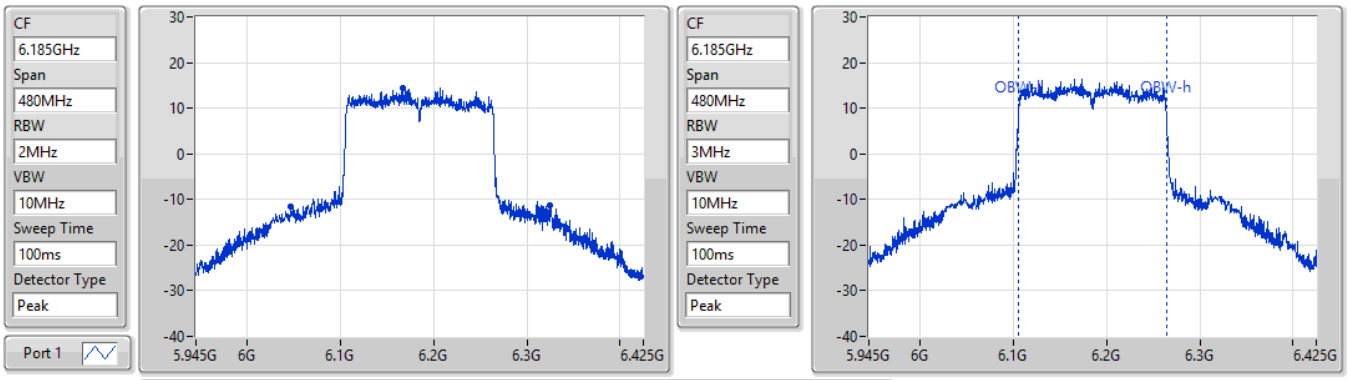


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
208.08M	5.9146G	6.12268G	158.321M	5.94584G	6.10416G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX EBW

6185MHz

22/02/2022

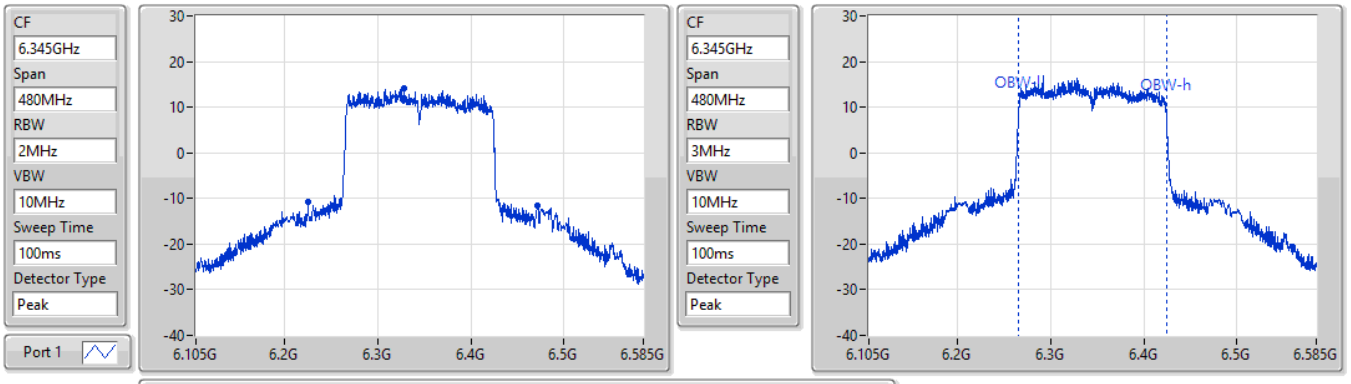


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
277.92M	6.04724G	6.32516G	158.561M	6.1056G	6.26416G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX EBW

6345MHz

22/02/2022

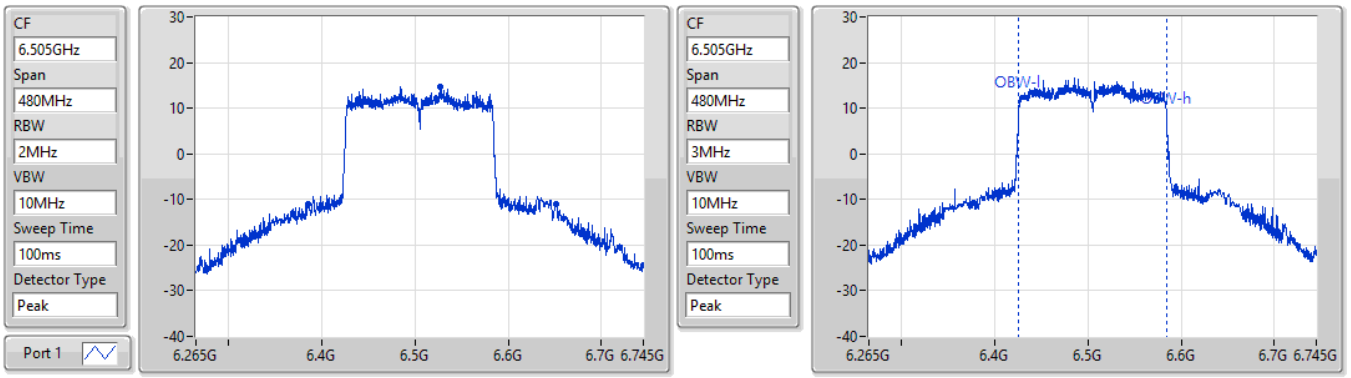


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
246M	6.22572G	6.47172G	158.081M	6.26584G	6.423921G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX EBW

6505MHz Straddle 6.425-6.525GHz

22/02/2022

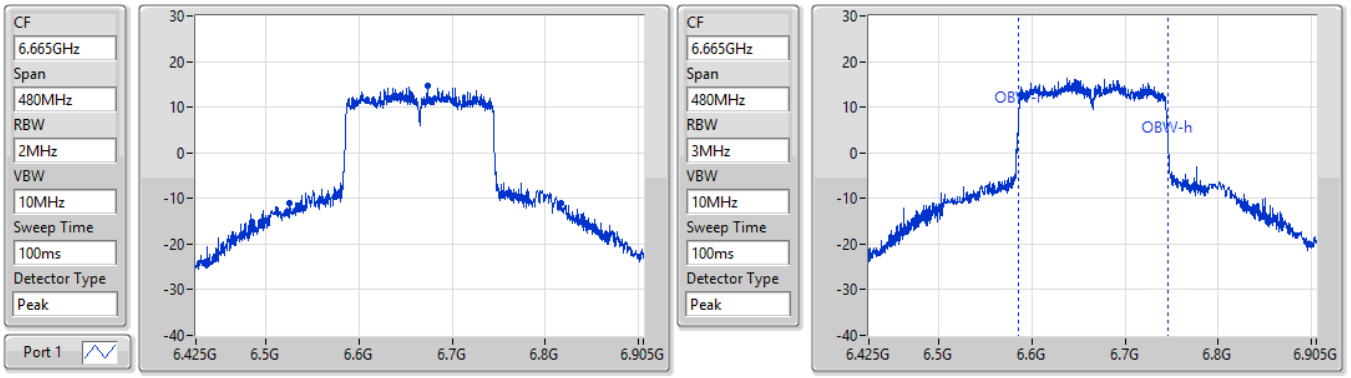


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
266.64M	6.38476G	6.6514G	159.04M	6.4256G	6.58464G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX EBW

6665MHz

22/02/2022

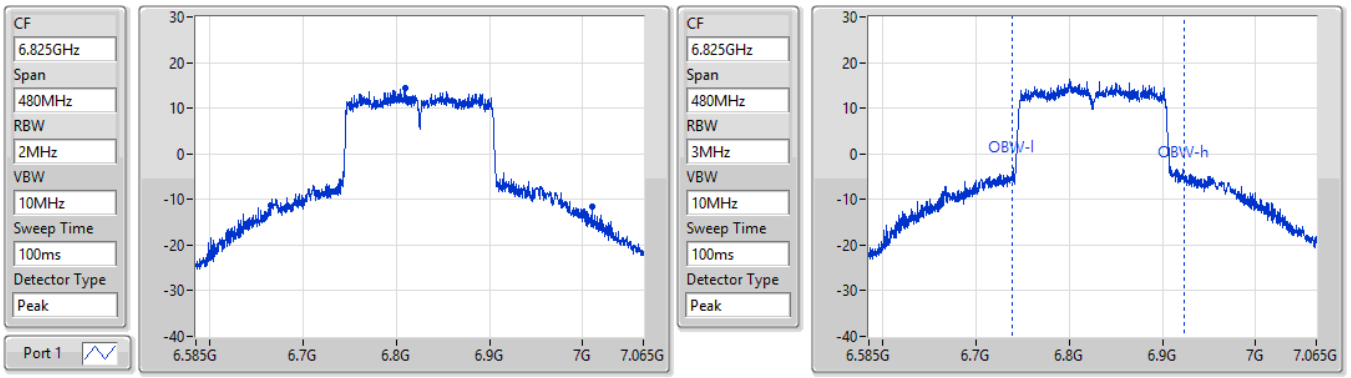


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
291.6M	6.52532G	6.81692G	161.199M	6.58512G	6.746319G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX EBW

6825MHz Straddle 6.525-6.875GHz

22/02/2022

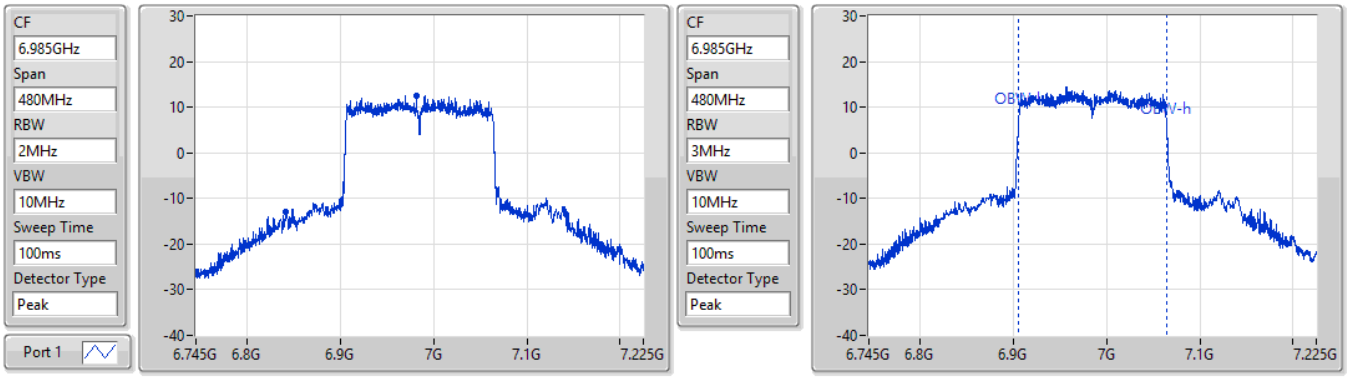


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
344.16M	6.66588G	7.01004G	184.228M	6.738883G	6.923111G	Inf	1

802.11ax HEW160_Nss1,(MCS0)_1TX EBW

6985MHz

22/02/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
300.72M	6.84172G	7.14244G	159.52M	6.90536G	7.06488G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	12.76	0.01888	17.46	0.05572
802.11ax HEW40_Nss1,(MCS0)_1TX	15.56	0.03597	20.26	0.10617
802.11ax HEW80_Nss1,(MCS0)_1TX	18.10	0.06457	22.80	0.19055
802.11ax HEW160_Nss1,(MCS0)_1TX	19.21	0.08337	23.91	0.24604
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	12.48	0.01770	17.28	0.05346
802.11ax HEW40_Nss1,(MCS0)_1TX	15.49	0.03540	20.29	0.10691
802.11ax HEW80_Nss1,(MCS0)_1TX	18.04	0.06368	22.84	0.19231
802.11ax HEW160_Nss1,(MCS0)_1TX	19.10	0.08128	23.90	0.24547
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	12.60	0.01820	17.40	0.05495
802.11ax HEW40_Nss1,(MCS0)_1TX	15.55	0.03589	20.35	0.10839
802.11ax HEW80_Nss1,(MCS0)_1TX	18.17	0.06561	22.97	0.19815
802.11ax HEW160_Nss1,(MCS0)_1TX	19.04	0.08017	23.84	0.24210
6.875-7.125GHz	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	13.64	0.02312	17.74	0.05943
802.11ax HEW40_Nss1,(MCS0)_1TX	16.08	0.04055	20.18	0.10423
802.11ax HEW80_Nss1,(MCS0)_1TX	19.11	0.08147	23.21	0.20941
802.11ax HEW160_Nss1,(MCS0)_1TX	18.66	0.07345	22.76	0.18880

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5955MHz	Pass	4.70	12.61	12.61	17.31	30.00
6175MHz	Pass	4.70	12.76	12.76	17.46	30.00
6415MHz	Pass	4.70	12.42	12.42	17.12	30.00
6435MHz	Pass	4.80	12.47	12.47	17.27	30.00
6475MHz	Pass	4.80	12.48	12.48	17.28	30.00
6515MHz	Pass	4.80	12.34	12.34	17.14	30.00
6535MHz	Pass	4.80	12.47	12.47	17.27	30.00
6695MHz	Pass	4.80	12.36	12.36	17.16	30.00
6855MHz	Pass	4.80	12.60	12.60	17.40	30.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.80	12.54	12.54	17.34	30.00
6895MHz	Pass	4.10	13.17	13.17	17.27	30.00
6995MHz	Pass	4.10	13.19	13.19	17.29	30.00
7095MHz	Pass	4.10	13.64	13.64	17.74	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5965MHz	Pass	4.70	15.46	15.46	20.16	30.00
6165MHz	Pass	4.70	15.56	15.56	20.26	30.00
6405MHz	Pass	4.70	15.28	15.28	19.98	30.00
6445MHz	Pass	4.80	15.49	15.49	20.29	30.00
6485MHz	Pass	4.80	15.46	15.46	20.26	30.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.80	15.36	15.36	20.16	30.00
6565MHz	Pass	4.80	15.42	15.42	20.22	30.00
6685MHz	Pass	4.80	15.32	15.32	20.12	30.00
6845MHz	Pass	4.80	15.55	15.55	20.35	30.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.80	15.38	15.38	20.18	30.00
6925MHz	Pass	4.10	15.88	15.88	19.98	30.00
7005MHz	Pass	4.10	16.08	16.08	20.18	30.00
7085MHz	Pass	4.10	16.07	16.07	20.17	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5985MHz	Pass	4.70	17.99	17.99	22.69	30.00
6145MHz	Pass	4.70	18.07	18.07	22.77	30.00
6385MHz	Pass	4.70	18.10	18.10	22.80	30.00
6465MHz	Pass	4.80	17.91	17.91	22.71	30.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.80	18.04	18.04	22.84	30.00
6625MHz	Pass	4.80	17.81	17.81	22.61	30.00
6705MHz	Pass	4.80	17.90	17.90	22.70	30.00
6785MHz	Pass	4.80	17.92	17.92	22.72	30.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.80	18.17	18.17	22.97	30.00
6945MHz	Pass	4.10	18.70	18.70	22.80	30.00
7025MHz	Pass	4.10	19.11	19.11	23.21	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
6025MHz	Pass	4.70	19.09	19.09	23.79	30.00
6185MHz	Pass	4.70	19.12	19.12	23.82	30.00
6345MHz	Pass	4.70	19.21	19.21	23.91	30.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.80	19.10	19.10	23.90	30.00
6665MHz	Pass	4.80	19.04	19.04	23.84	30.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.80	19.00	19.00	23.80	30.00
6985MHz	Pass	4.10	18.66	18.66	22.76	30.00

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

Summary

Mode	EIRP PD (dBm/RBW)
5.925-6.425GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	4.99
802.11ax HEW40_Nss1,(MCS0)_1TX	4.96
802.11ax HEW80_Nss1,(MCS0)_1TX	4.84
802.11ax HEW160_Nss1,(MCS0)_1TX	4.95
6.425-6.525GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	4.83
802.11ax HEW40_Nss1,(MCS0)_1TX	4.95
802.11ax HEW80_Nss1,(MCS0)_1TX	4.86
802.11ax HEW160_Nss1,(MCS0)_1TX	4.90
6.525-6.875GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	4.93
802.11ax HEW40_Nss1,(MCS0)_1TX	4.97
802.11ax HEW80_Nss1,(MCS0)_1TX	4.90
802.11ax HEW160_Nss1,(MCS0)_1TX	4.96
6.875-7.125GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	4.97
802.11ax HEW40_Nss1,(MCS0)_1TX	4.89
802.11ax HEW80_Nss1,(MCS0)_1TX	4.86
802.11ax HEW160_Nss1,(MCS0)_1TX	2.25

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

Result

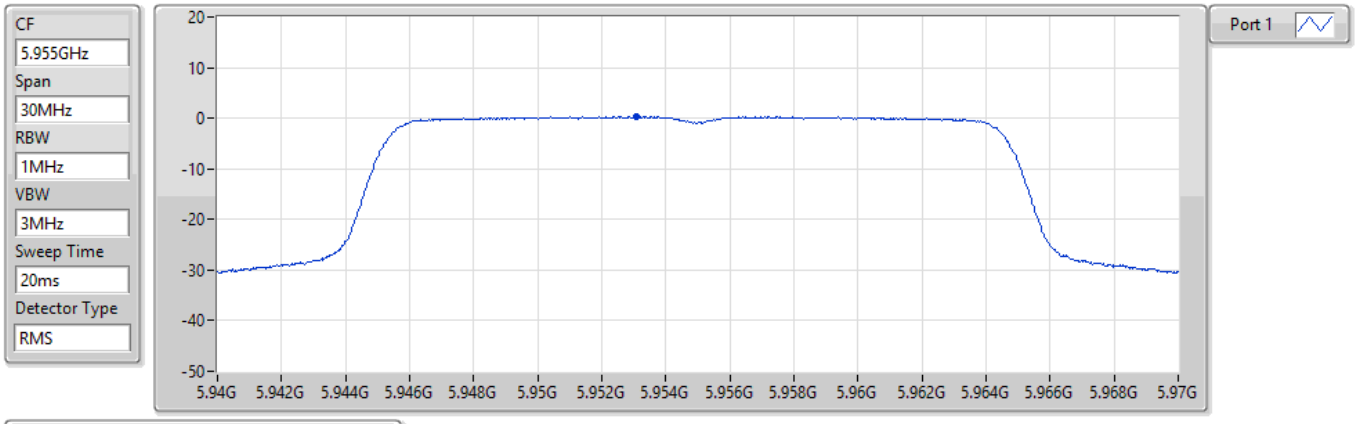
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5955MHz	Pass	4.70	0.27	4.97	5.00
6175MHz	Pass	4.70	0.29	4.99	5.00
6415MHz	Pass	4.70	0.12	4.82	5.00
6435MHz	Pass	4.80	0.03	4.83	5.00
6475MHz	Pass	4.80	-0.04	4.76	5.00
6515MHz	Pass	4.80	0.03	4.83	5.00
6535MHz	Pass	4.80	-0.01	4.79	5.00
6695MHz	Pass	4.80	0.04	4.84	5.00
6855MHz	Pass	4.80	0.13	4.93	5.00
6875MHz Straddle 6.525-6.875GHz	Pass	4.80	0.13	4.93	5.00
6895MHz	Pass	4.10	0.76	4.86	5.00
6995MHz	Pass	4.10	0.87	4.97	5.00
7095MHz	Pass	4.10	0.85	4.95	5.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5965MHz	Pass	4.70	0.26	4.96	5.00
6165MHz	Pass	4.70	0.20	4.90	5.00
6405MHz	Pass	4.70	0.07	4.77	5.00
6445MHz	Pass	4.80	0.12	4.92	5.00
6485MHz	Pass	4.80	0.11	4.91	5.00
6525MHz Straddle 6.425-6.525GHz	Pass	4.80	0.15	4.95	5.00
6565MHz	Pass	4.80	0.14	4.94	5.00
6685MHz	Pass	4.80	0.16	4.96	5.00
6845MHz	Pass	4.80	0.17	4.97	5.00
6885MHz Straddle 6.525-6.875GHz	Pass	4.80	0.14	4.94	5.00
6925MHz	Pass	4.10	0.68	4.78	5.00
7005MHz	Pass	4.10	0.79	4.89	5.00
7085MHz	Pass	4.10	0.76	4.86	5.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5985MHz	Pass	4.70	0.09	4.79	5.00
6145MHz	Pass	4.70	0.11	4.81	5.00
6385MHz	Pass	4.70	0.14	4.84	5.00
6465MHz	Pass	4.80	-0.00	4.80	5.00
6545MHz Straddle 6.425-6.525GHz	Pass	4.80	0.06	4.86	5.00
6625MHz	Pass	4.80	0.10	4.90	5.00
6705MHz	Pass	4.80	0.04	4.84	5.00
6785MHz	Pass	4.80	-0.03	4.77	5.00
6865MHz Straddle 6.525-6.875GHz	Pass	4.80	0.06	4.86	5.00
6945MHz	Pass	4.10	0.76	4.86	5.00
7025MHz	Pass	4.10	0.71	4.81	5.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
6025MHz	Pass	4.70	-0.28	4.42	5.00
6185MHz	Pass	4.70	0.25	4.95	5.00
6345MHz	Pass	4.70	0.05	4.75	5.00
6505MHz Straddle 6.425-6.525GHz	Pass	4.80	0.10	4.90	5.00
6665MHz	Pass	4.80	0.16	4.96	5.00
6825MHz Straddle 6.525-6.875GHz	Pass	4.80	0.10	4.90	5.00
6985MHz	Pass	4.10	-1.85	2.25	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;

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5955MHz

22/02/2022

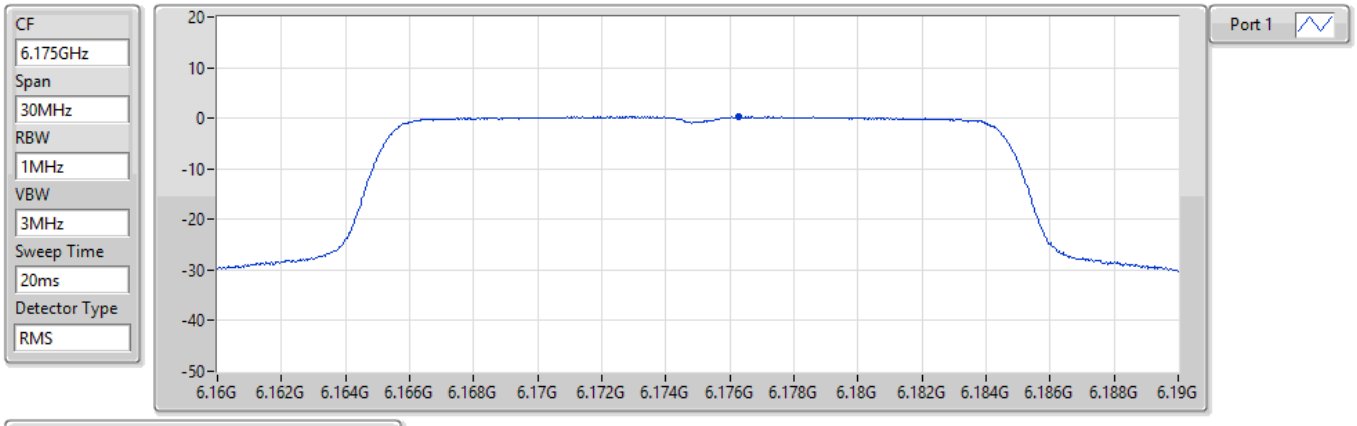


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.27	0.27	0.27

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6175MHz

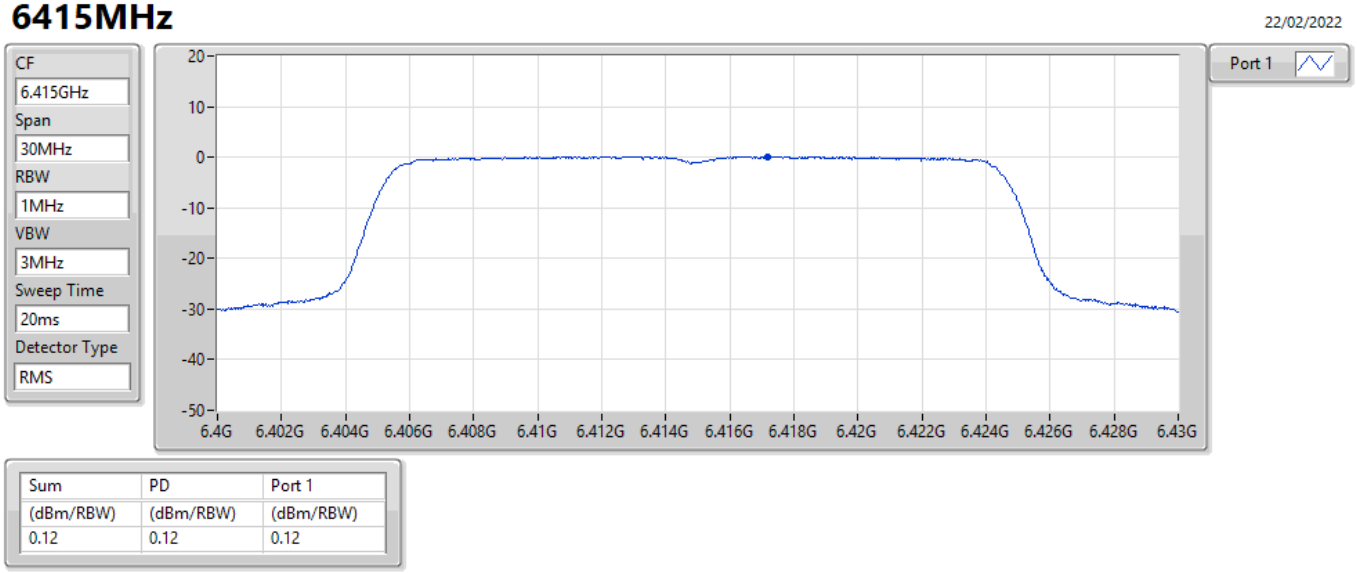
22/02/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.29	0.29	0.29

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

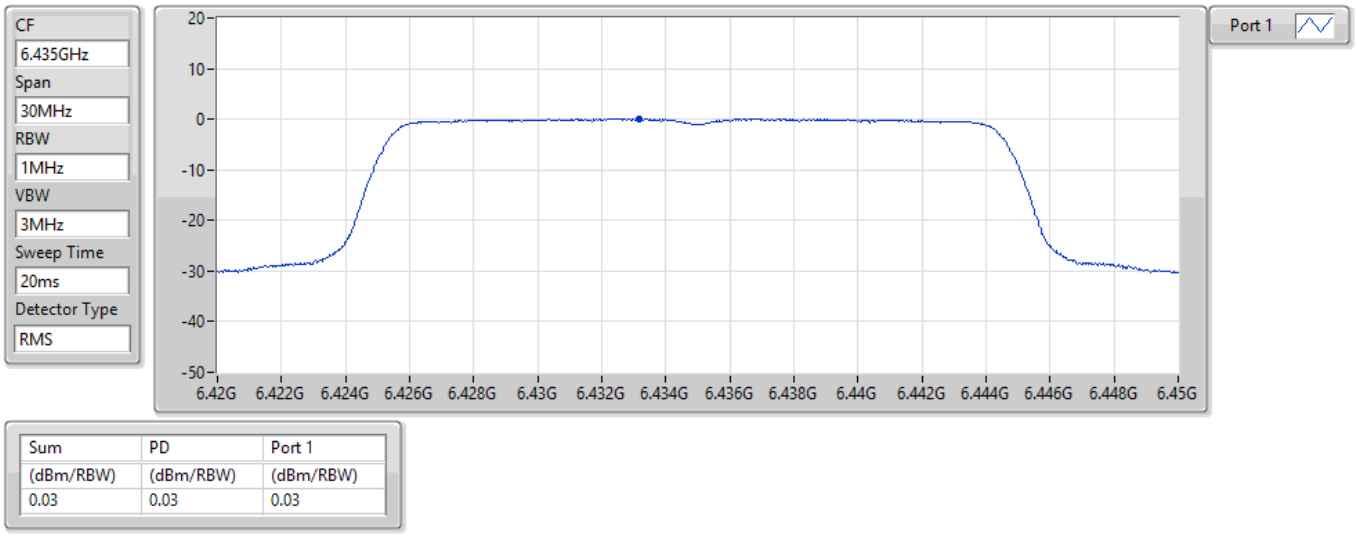
6415MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.12	0.12	0.12

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6435MHz

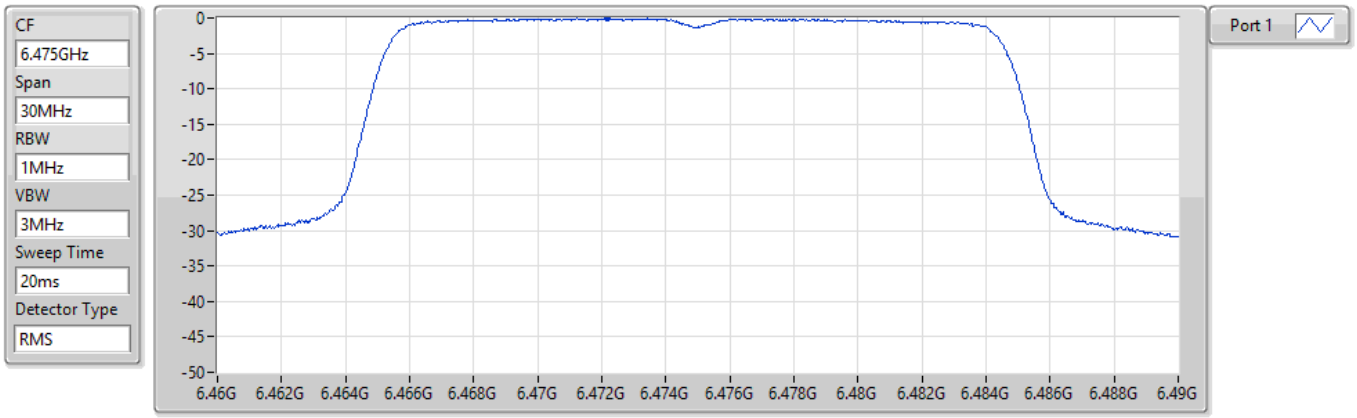


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.03	0.03	0.03

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6475MHz

22/02/2022

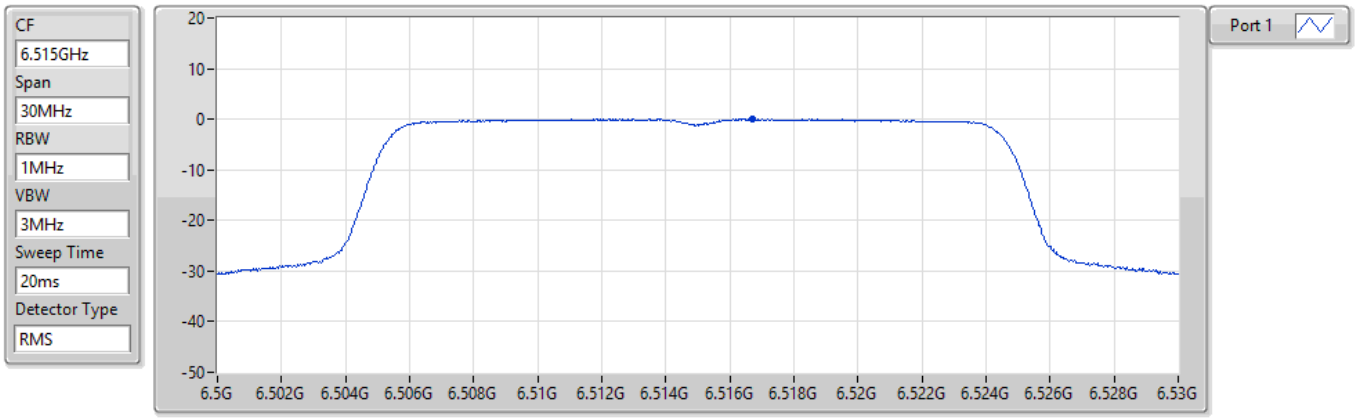


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.04	-0.04	-0.04

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6515MHz

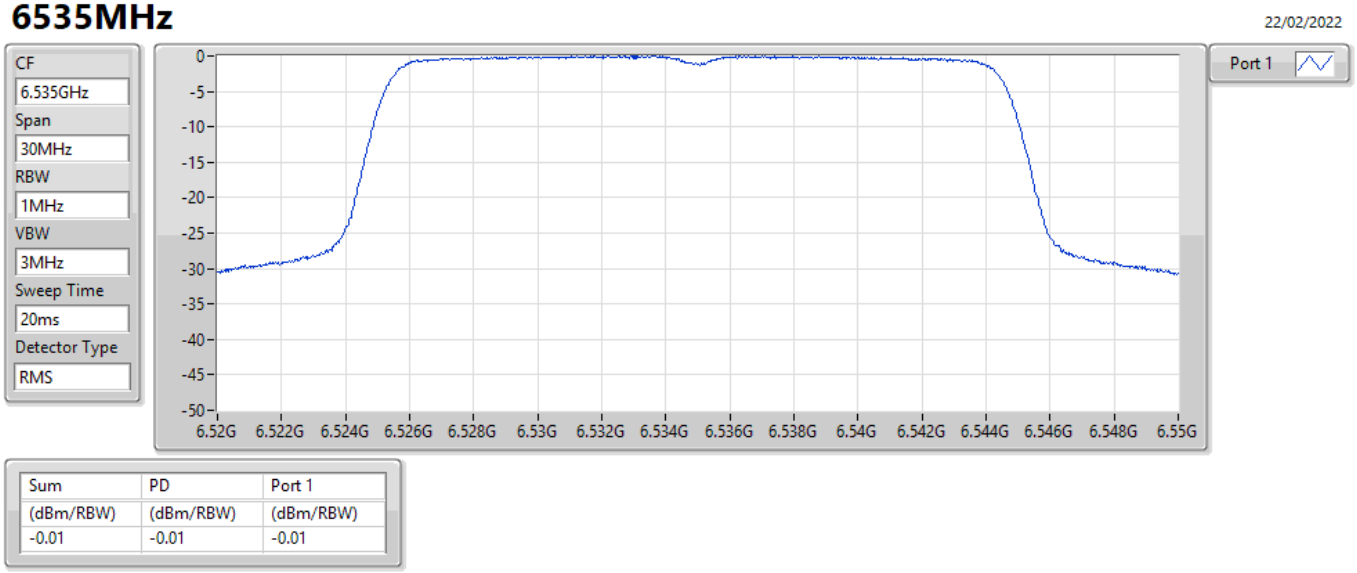
22/02/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.03	0.03	0.03

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

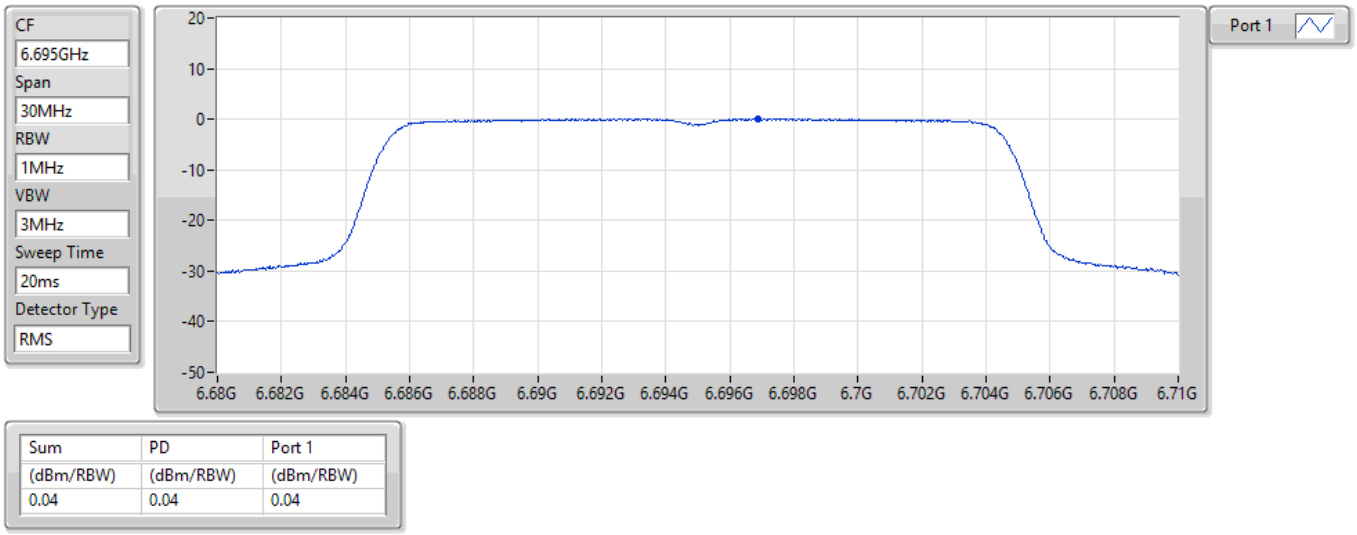
6535MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.01	-0.01	-0.01

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6695MHz

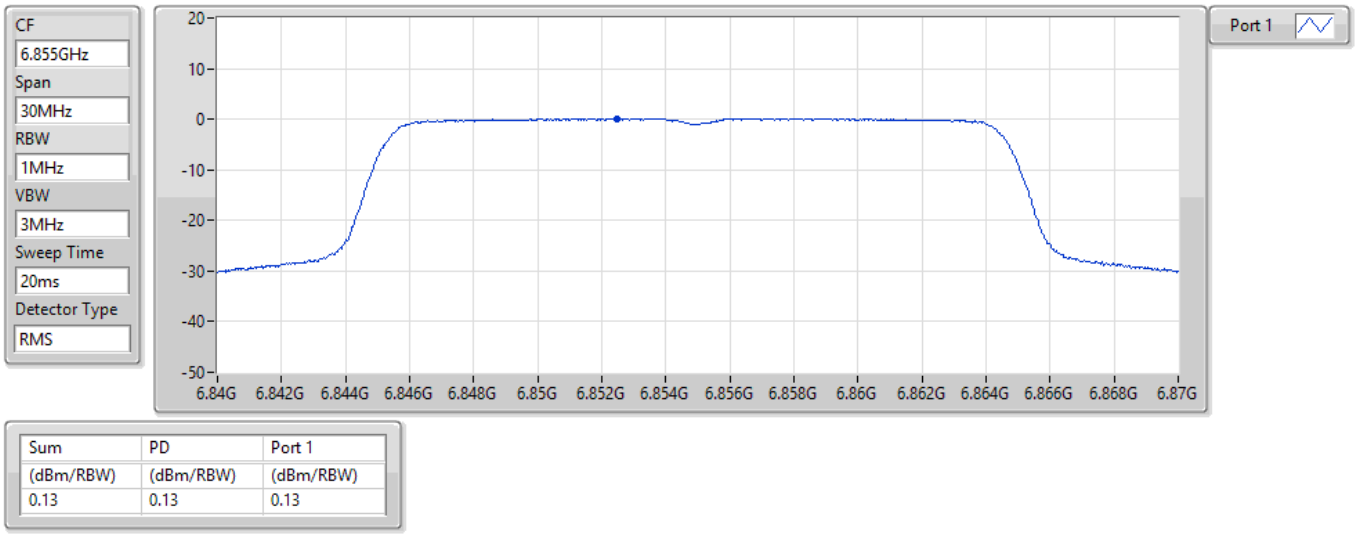


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.04	0.04	0.04

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6855MHz

22/02/2022

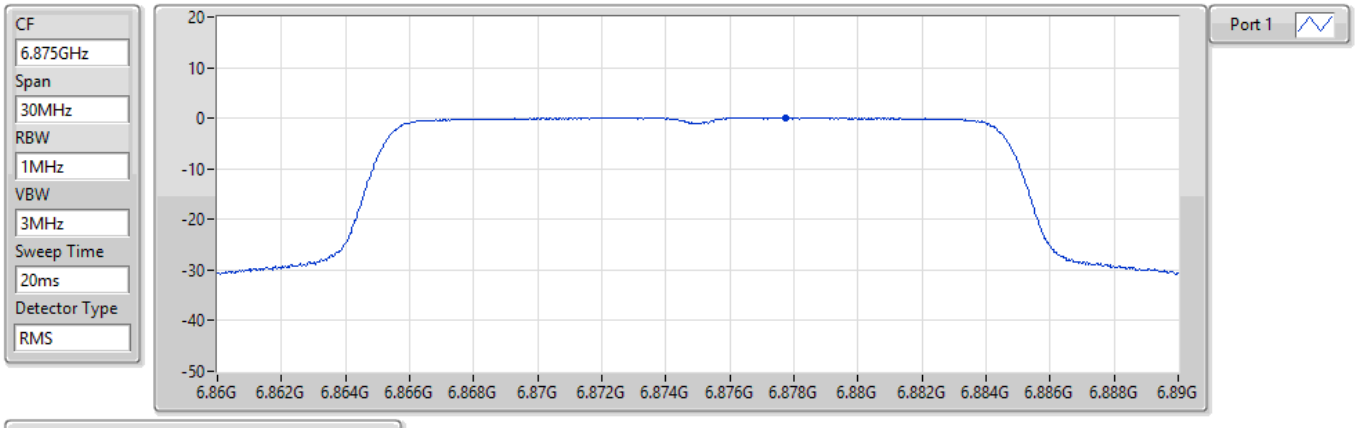


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.13	0.13	0.13

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6875MHz Straddle 6.525-6.875GHz

22/02/2022

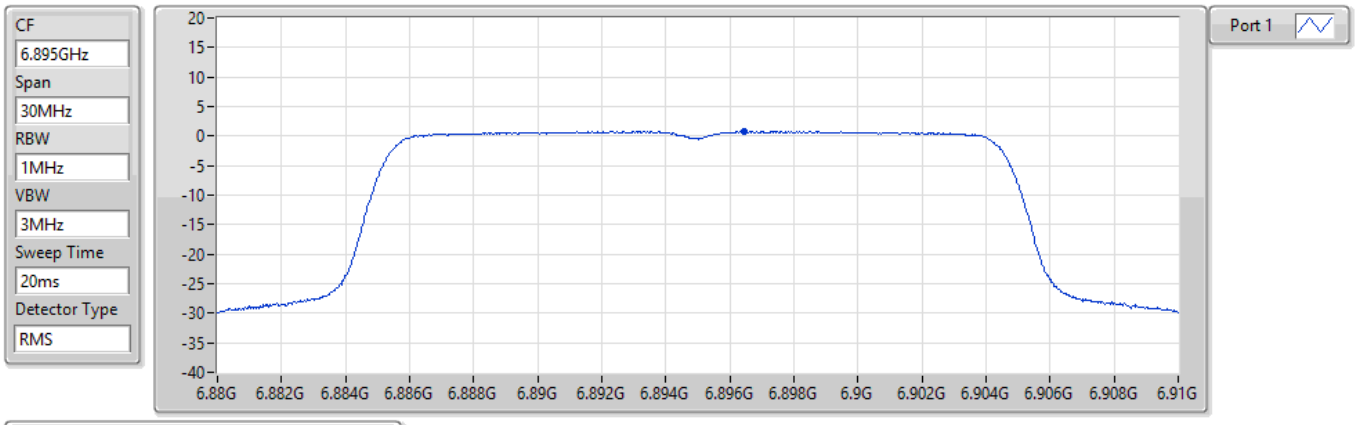


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.13	0.13	0.13

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6895MHz

22/02/2022

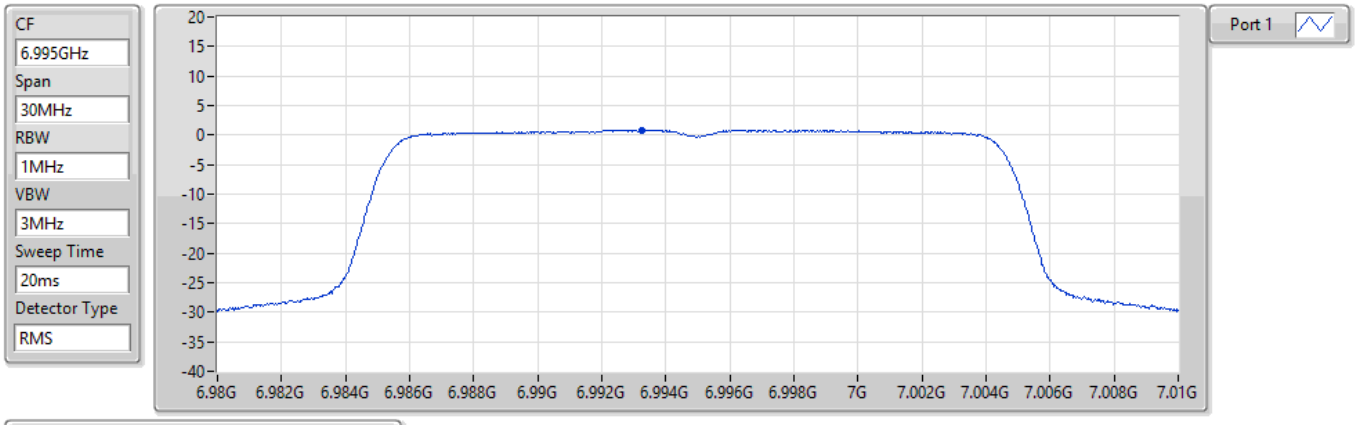


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	0.76

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

6995MHz

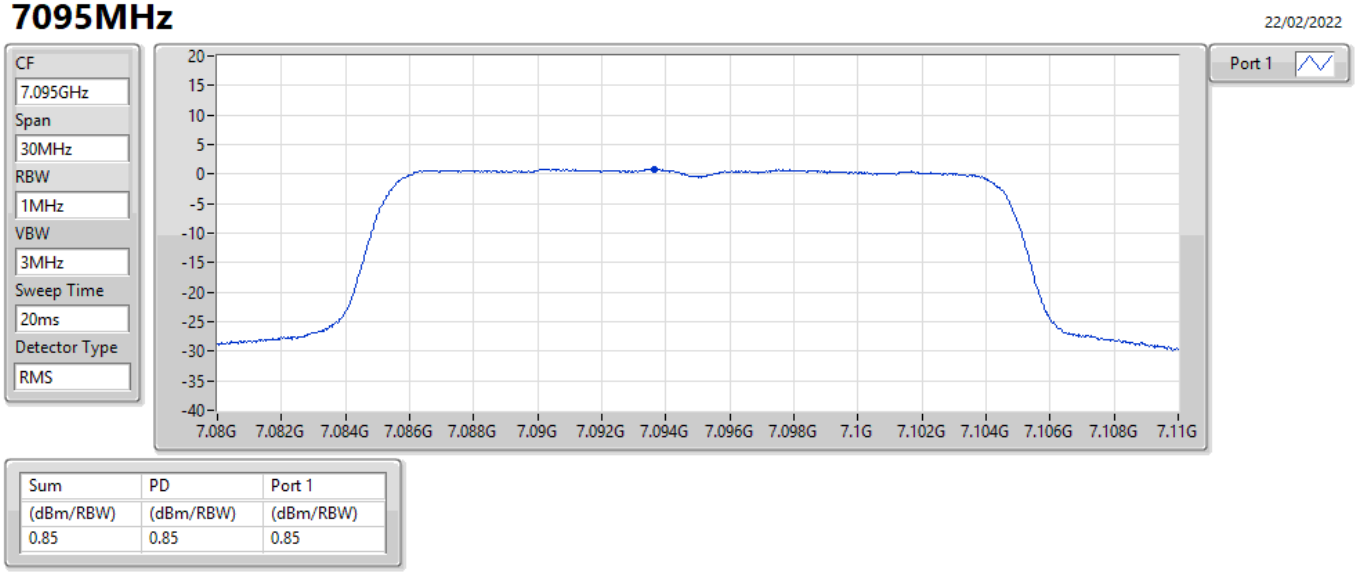
22/02/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	0.87

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

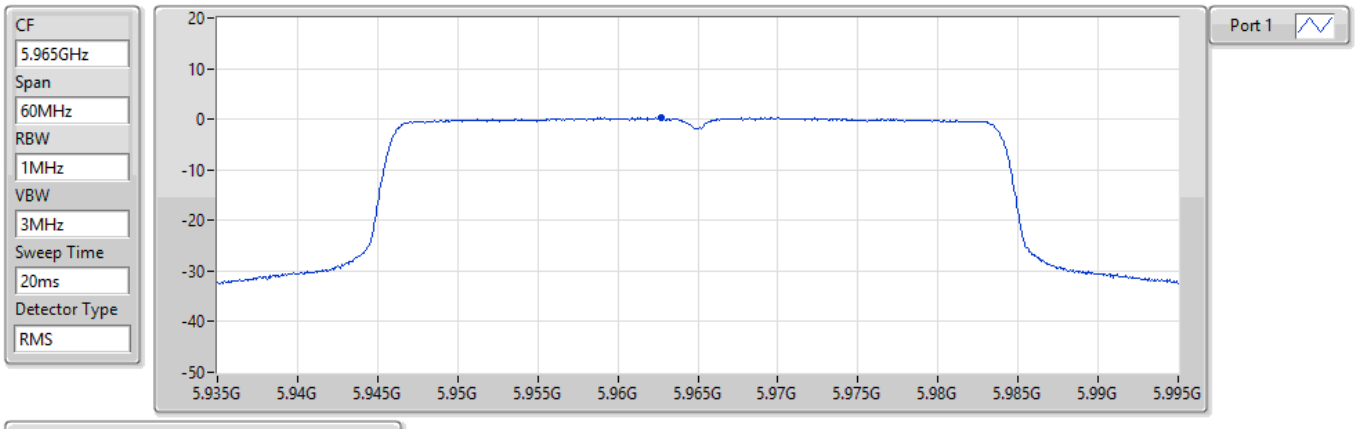
7095MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.85	0.85	0.85

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5965MHz

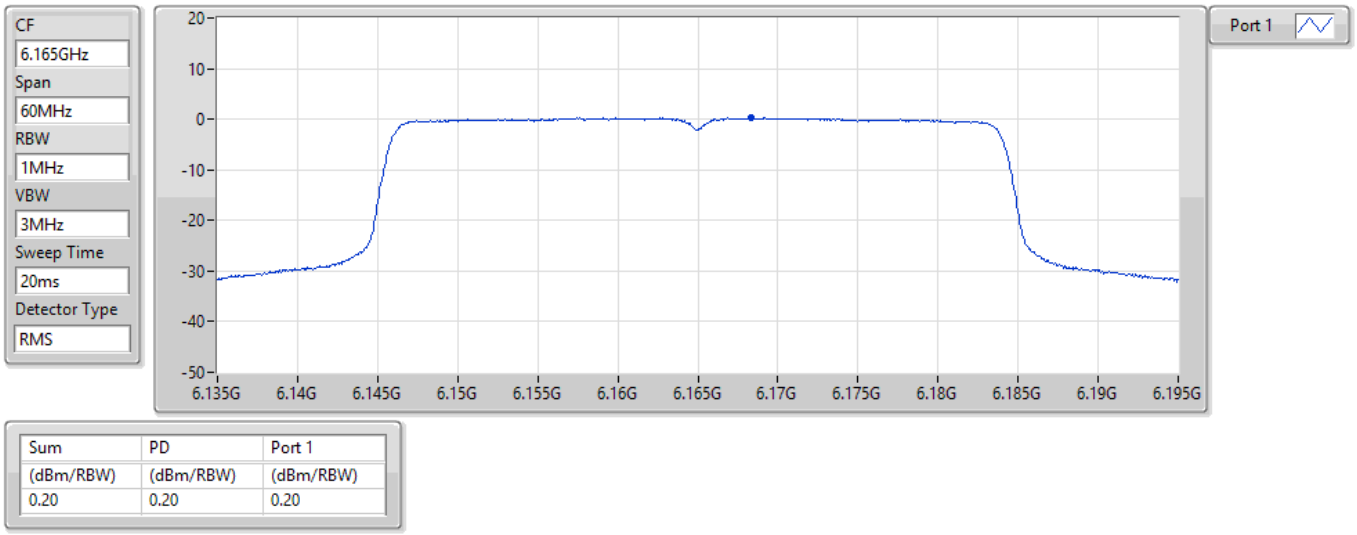


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.26	0.26	0.26

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6165MHz

22/02/2022

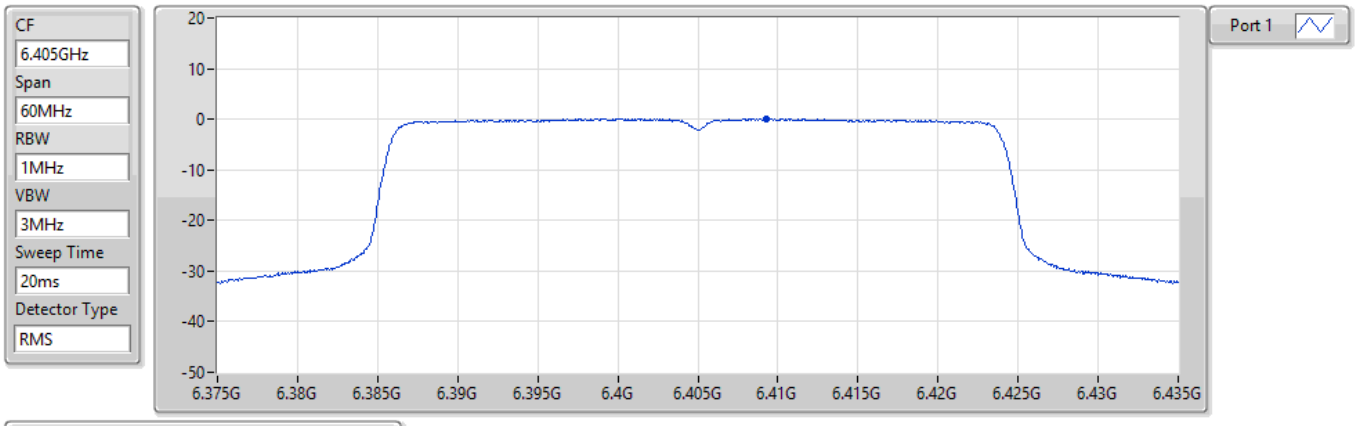


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.20	0.20	0.20

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6405MHz

22/02/2022

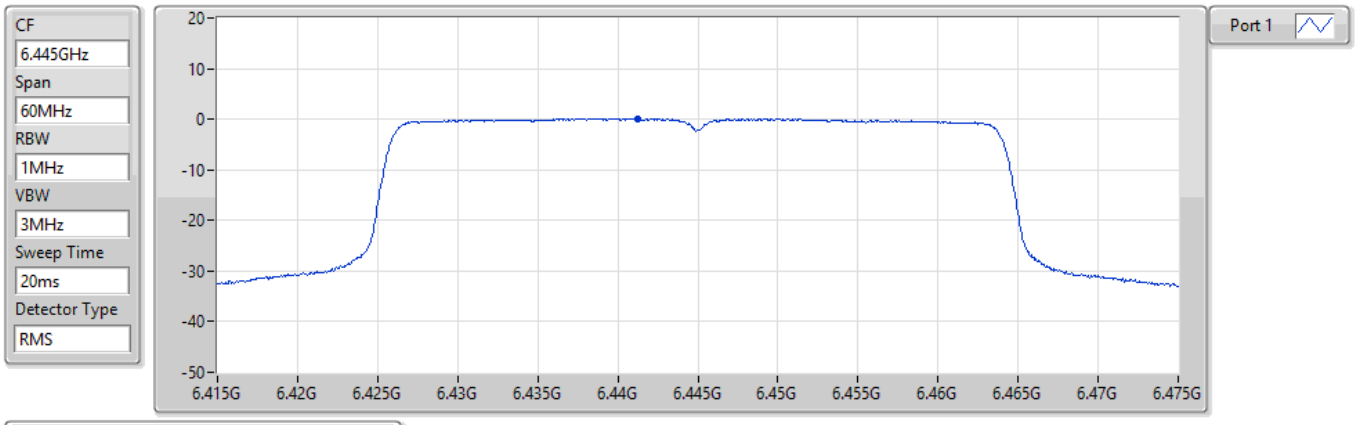


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.07	0.07	0.07

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6445MHz

22/02/2022

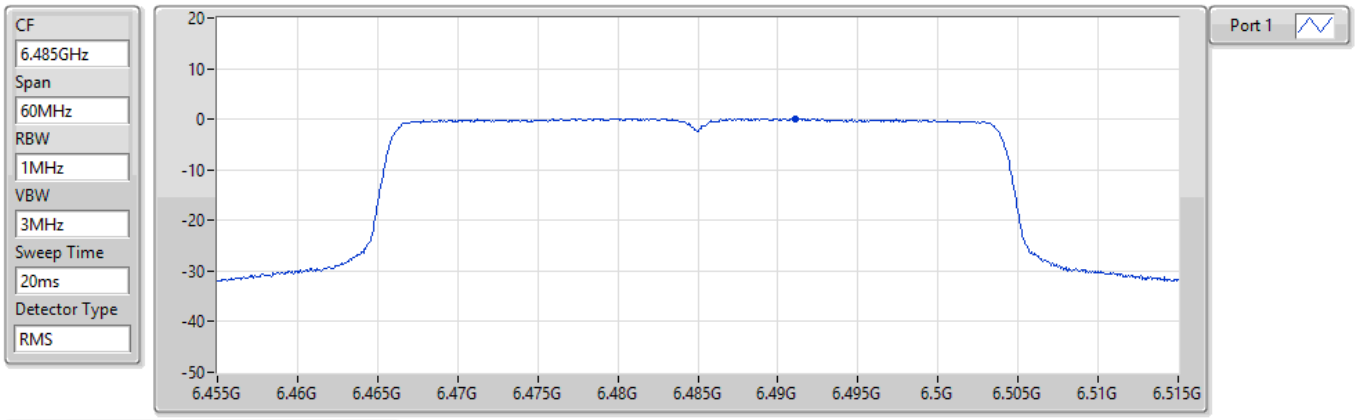


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.12	0.12	0.12

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6485MHz

22/02/2022

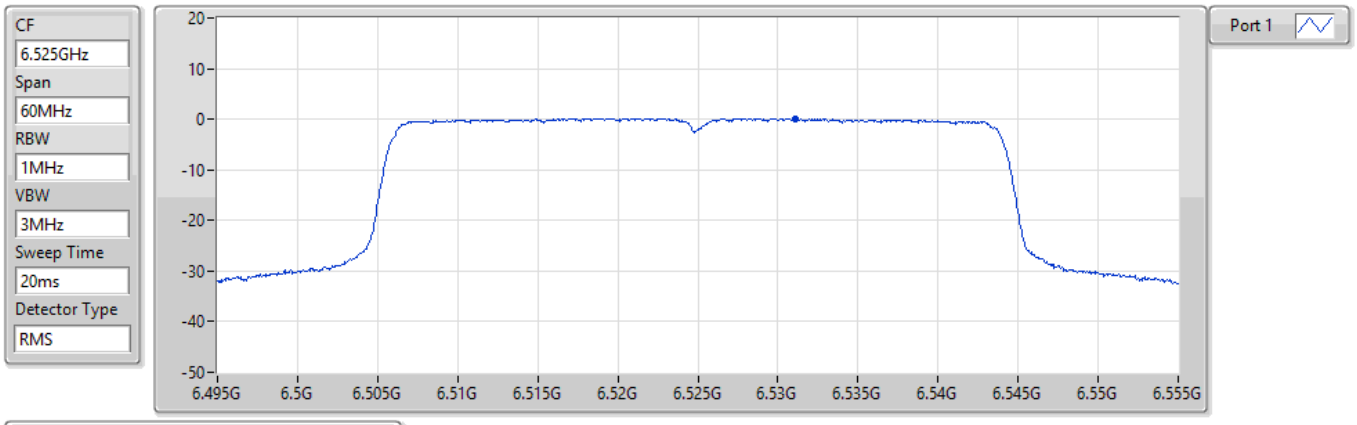


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	0.11

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6525MHz Straddle 6.425-6.525GHz

22/02/2022

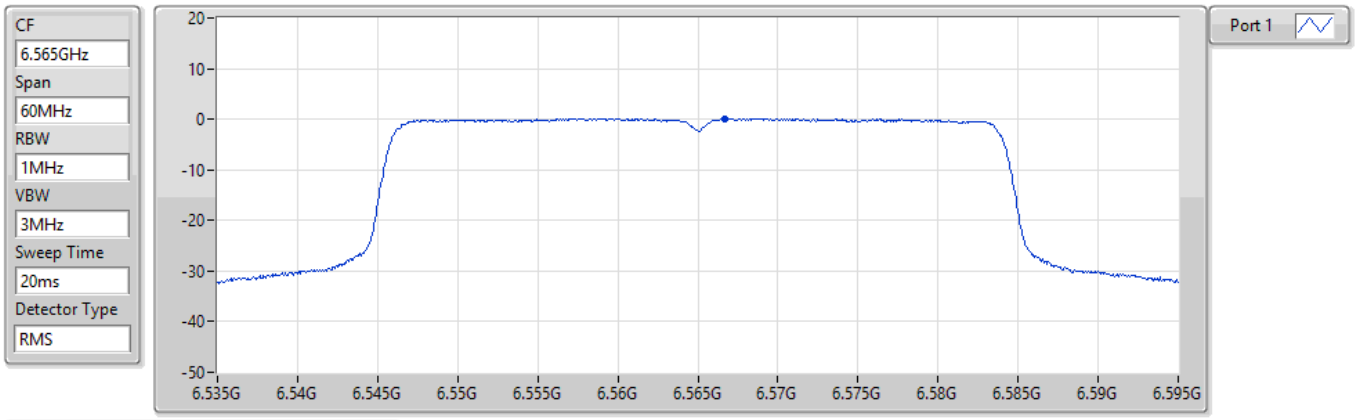


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.15	0.15	0.15

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6565MHz

22/02/2022

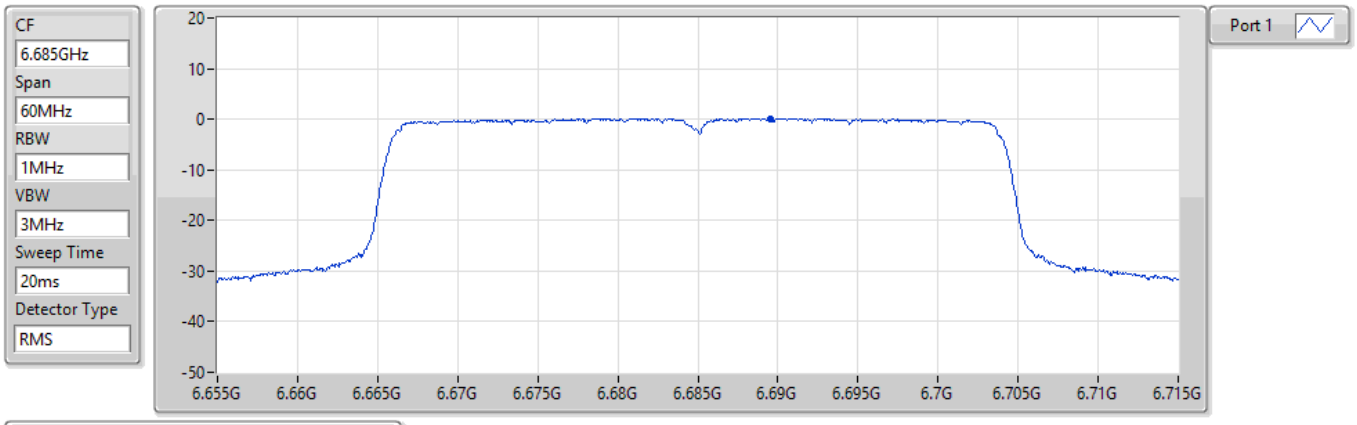


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.14	0.14	0.14

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6685MHz

22/02/2022

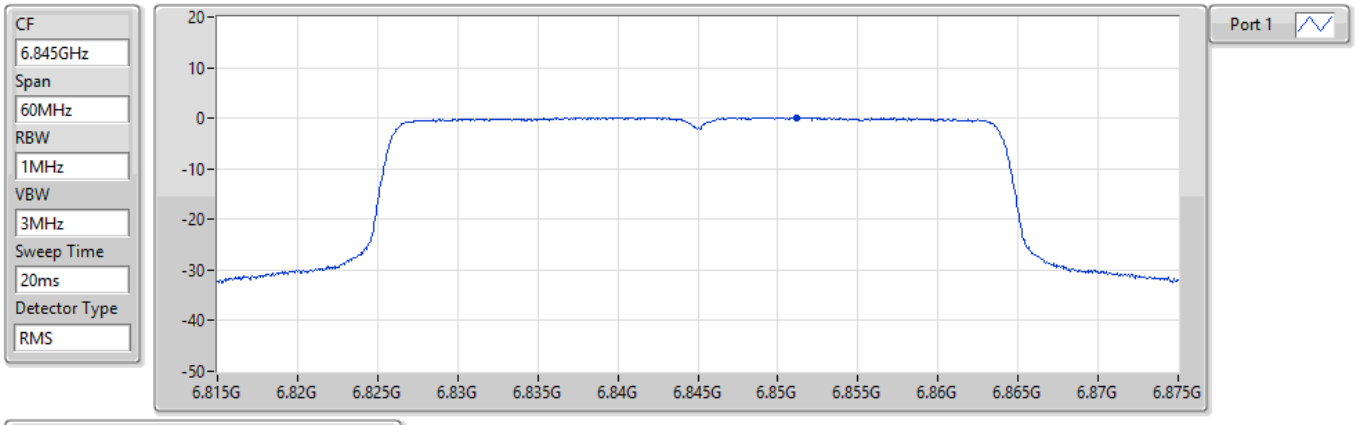


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.16	0.16	0.16

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6845MHz

22/02/2022

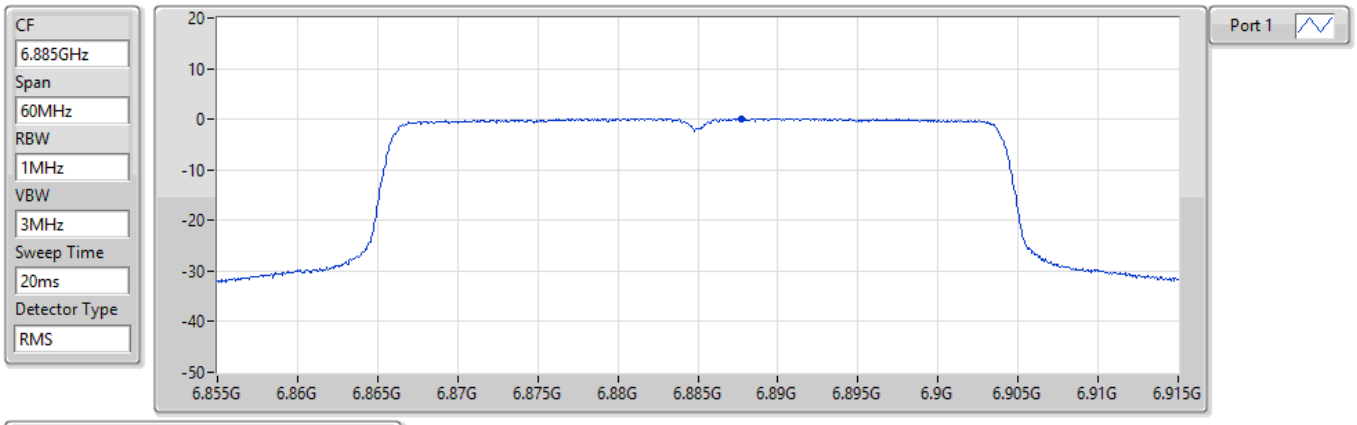


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	0.17

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6885MHz Straddle 6.525-6.875GHz

22/02/2022

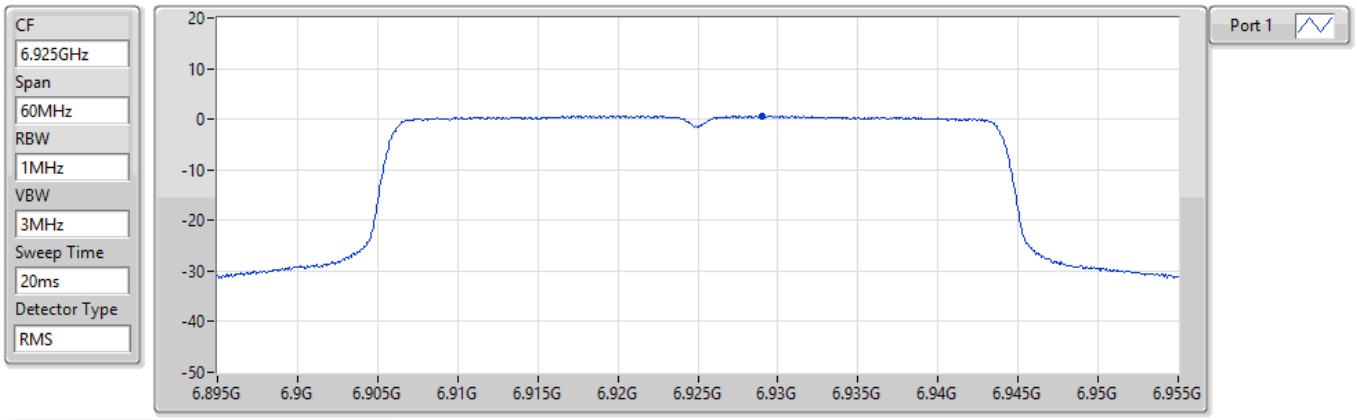


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.14	0.14	0.14

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

6925MHz

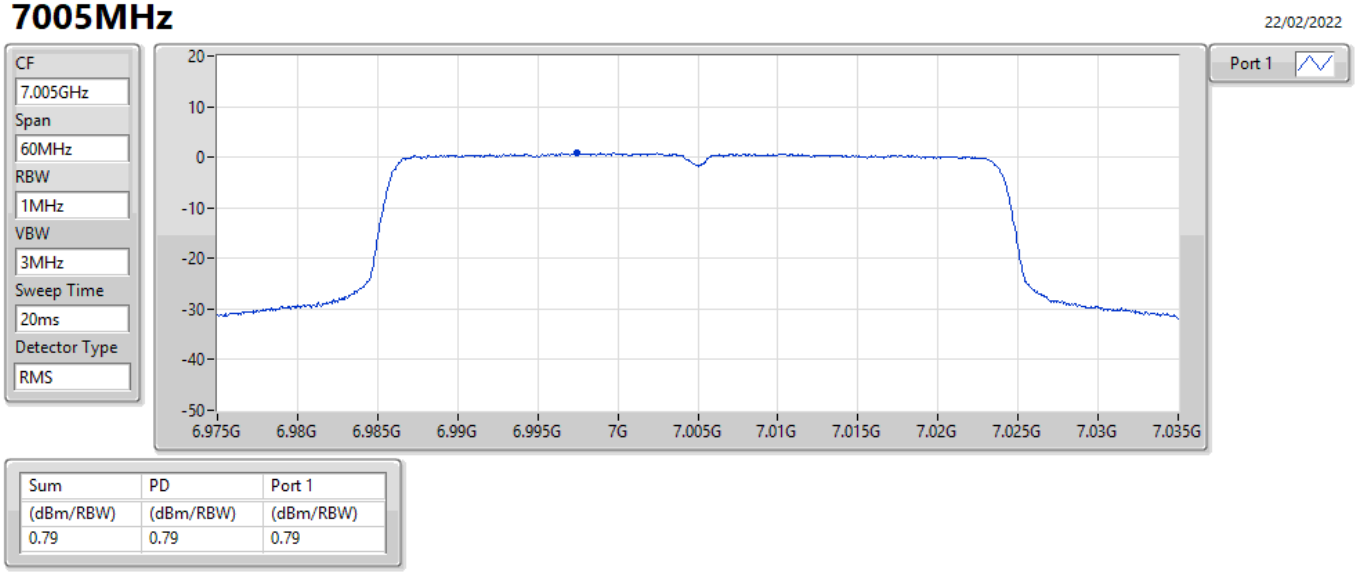
22/02/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.68	0.68	0.68

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

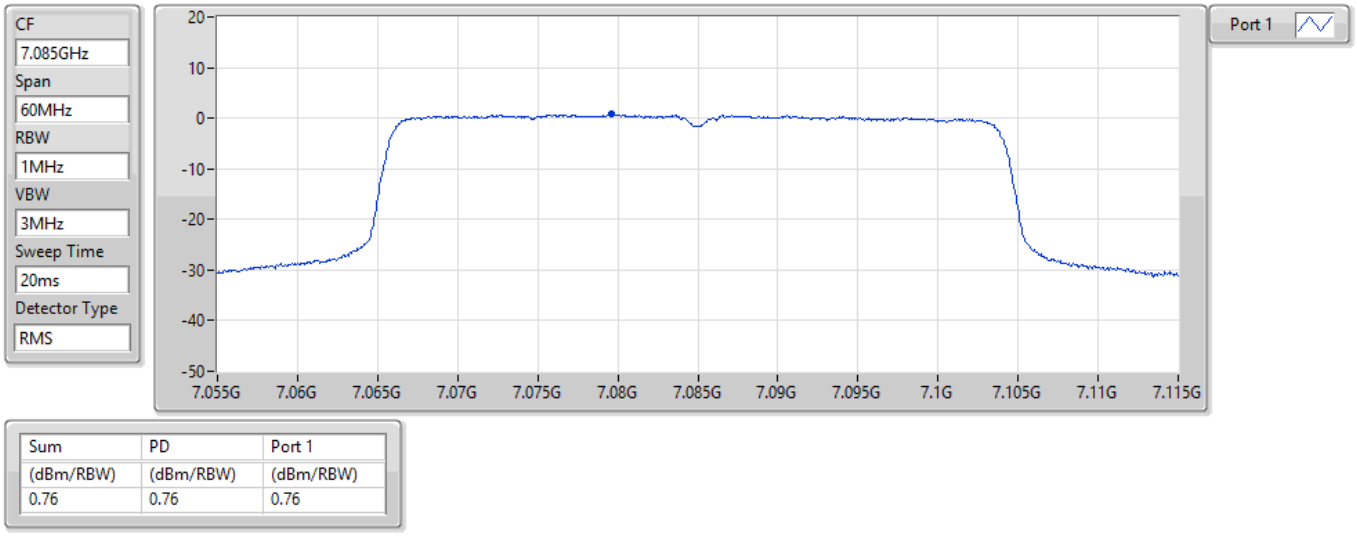
7005MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.79	0.79	0.79

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

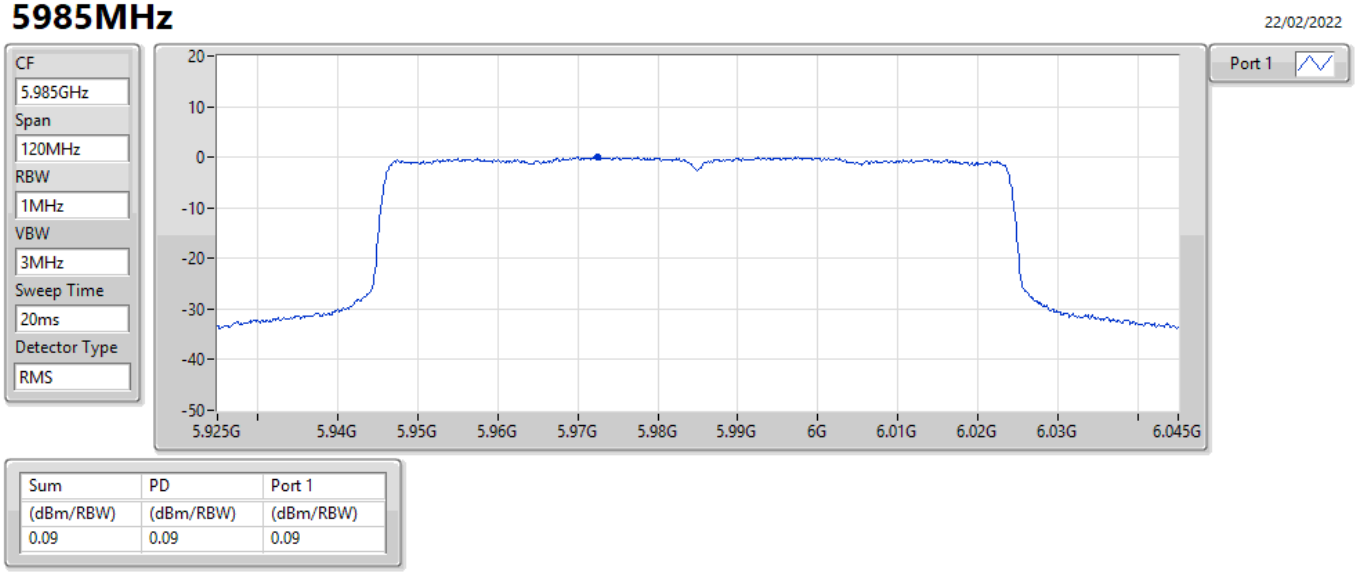
7085MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	0.76

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

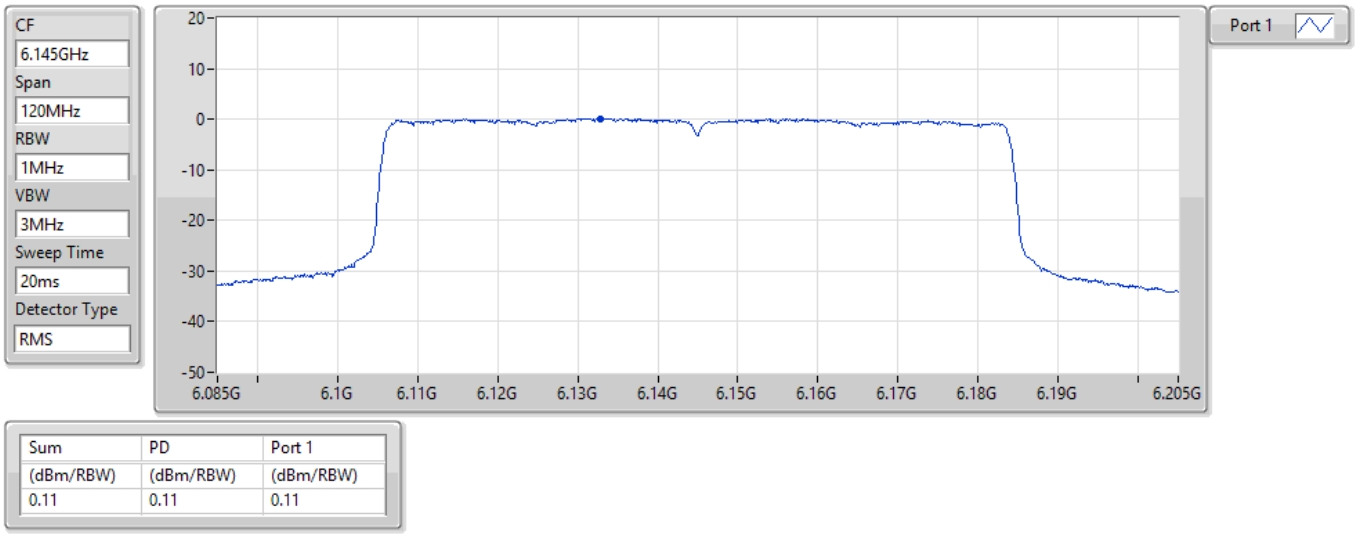
5985MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.09	0.09	0.09

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

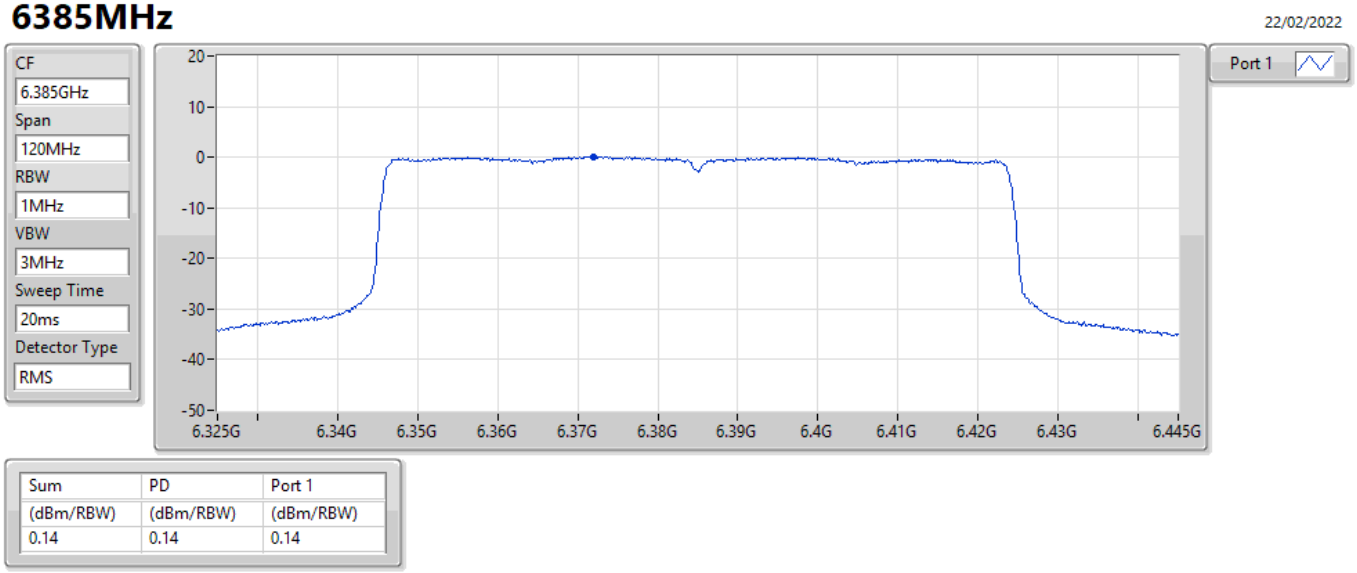
6145MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	0.11

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

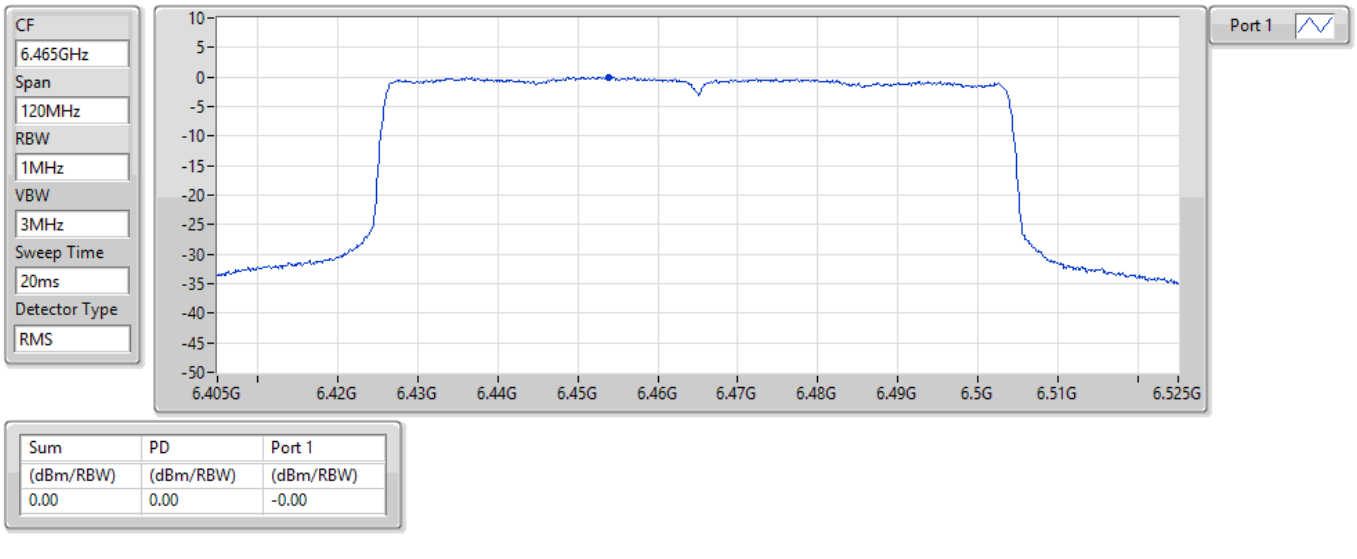
6385MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.14	0.14	0.14

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

6465MHz

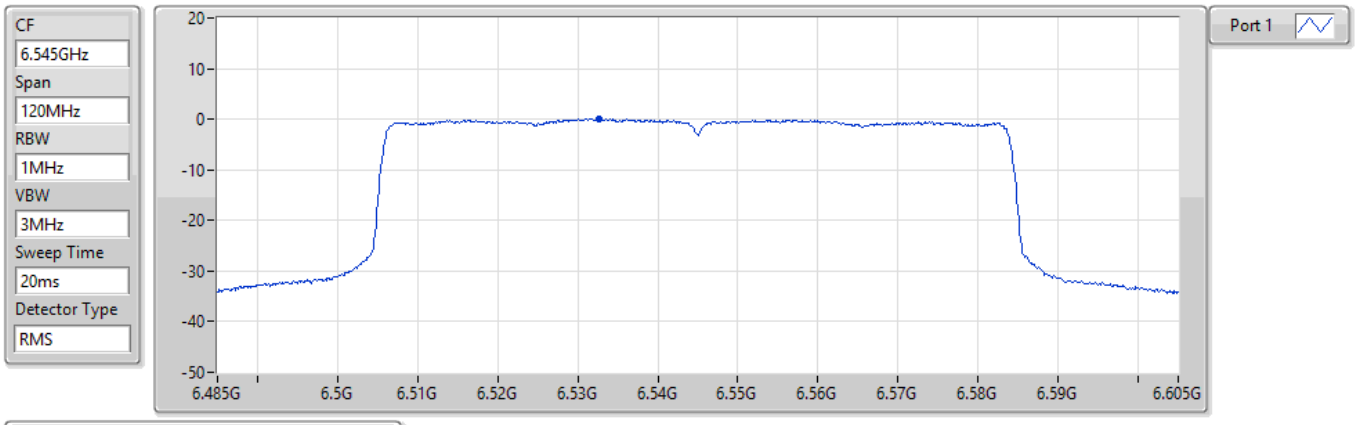


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.00	0.00	-0.00

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

6545MHz Straddle 6.425-6.525GHz

22/02/2022

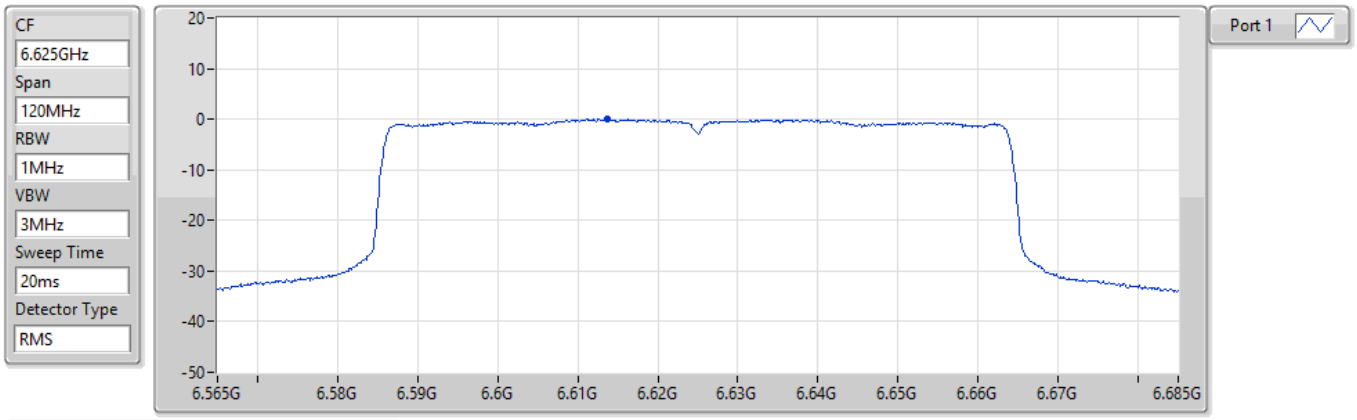


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.06	0.06	0.06

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

6625MHz

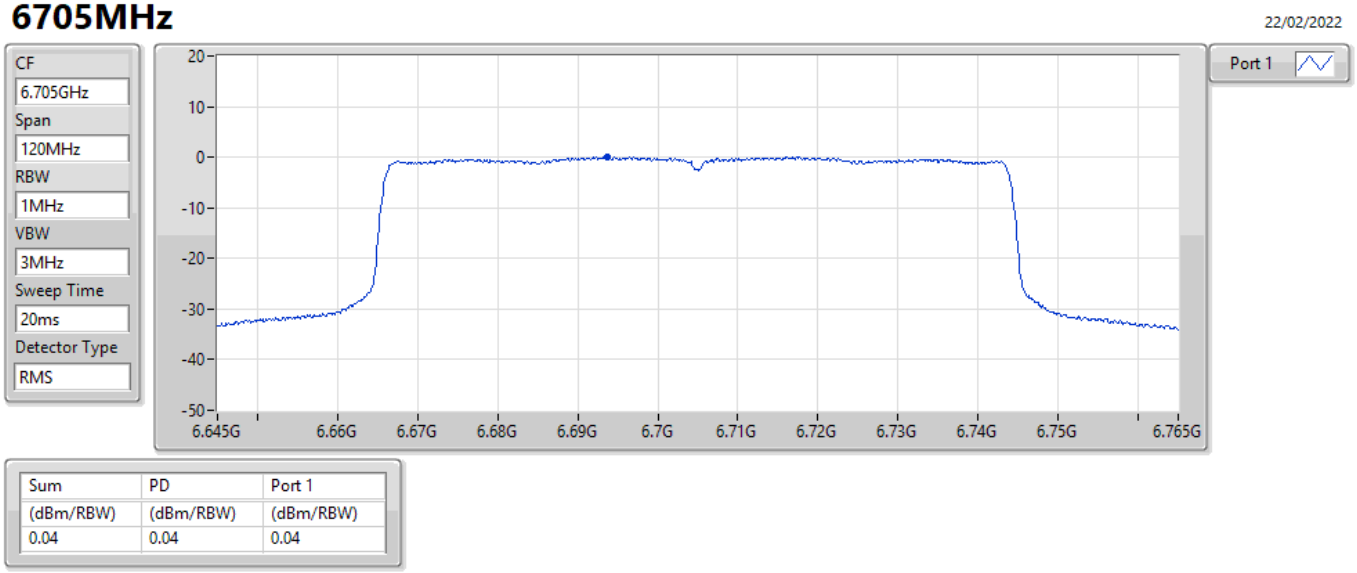
22/02/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.10	0.10	0.10

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

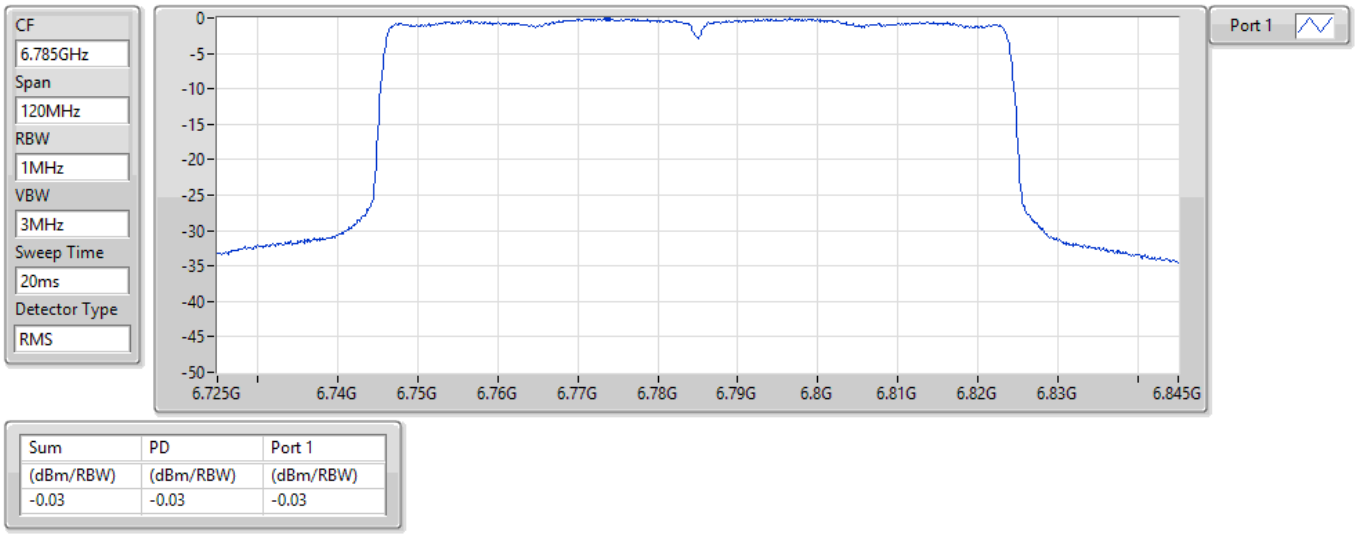
6705MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.04	0.04	0.04

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

6785MHz

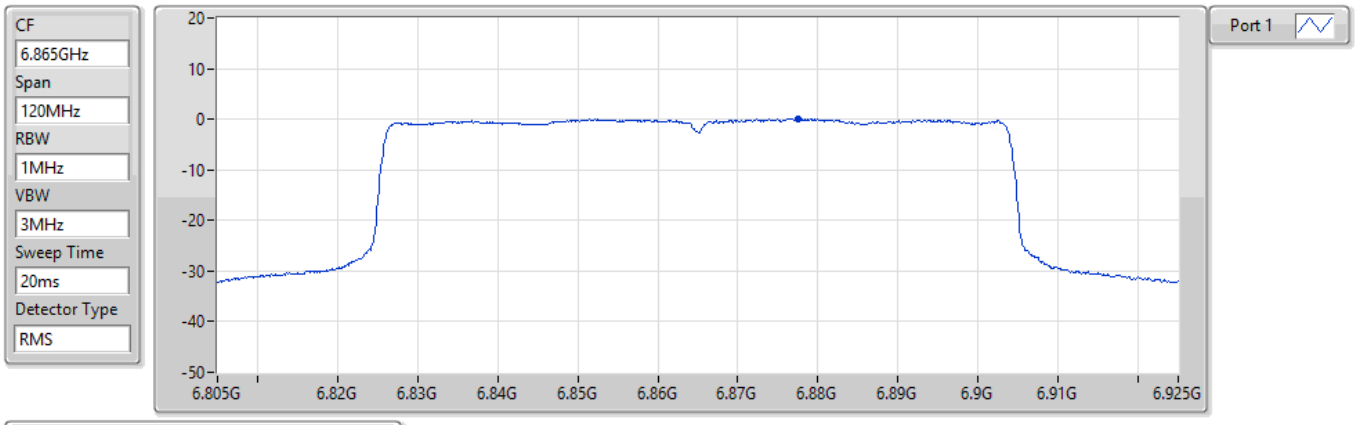


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.03	-0.03	-0.03

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

6865MHz Straddle 6.525-6.875GHz

22/02/2022

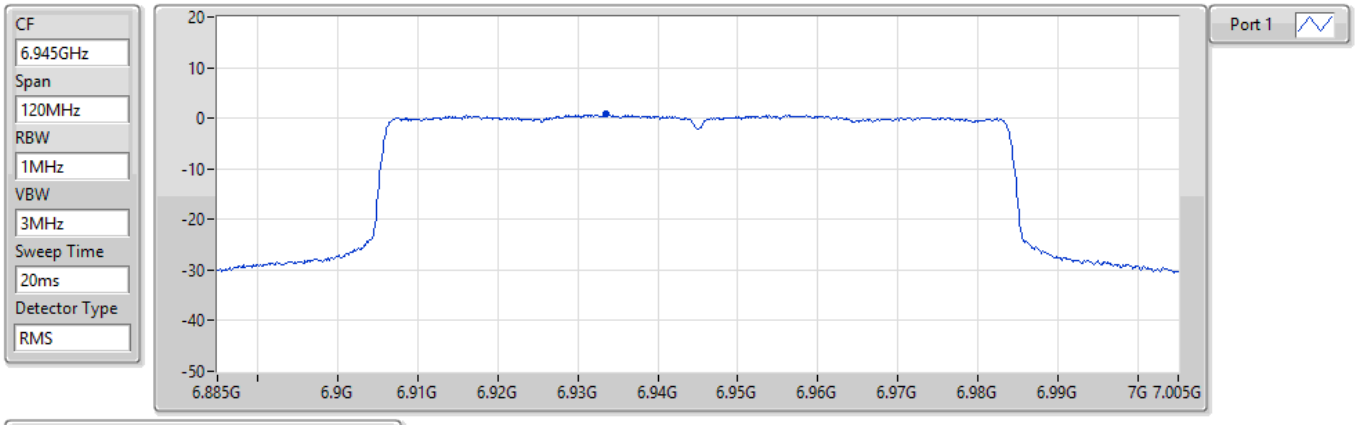


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.06	0.06	0.06

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

6945MHz

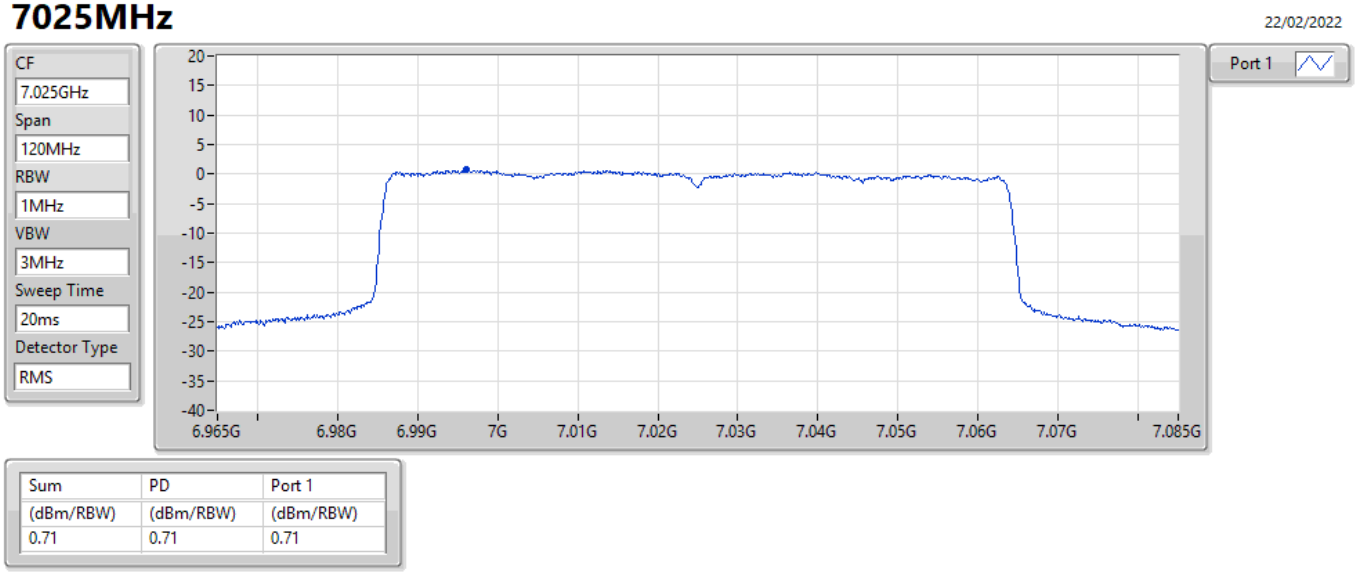
22/02/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	0.76

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

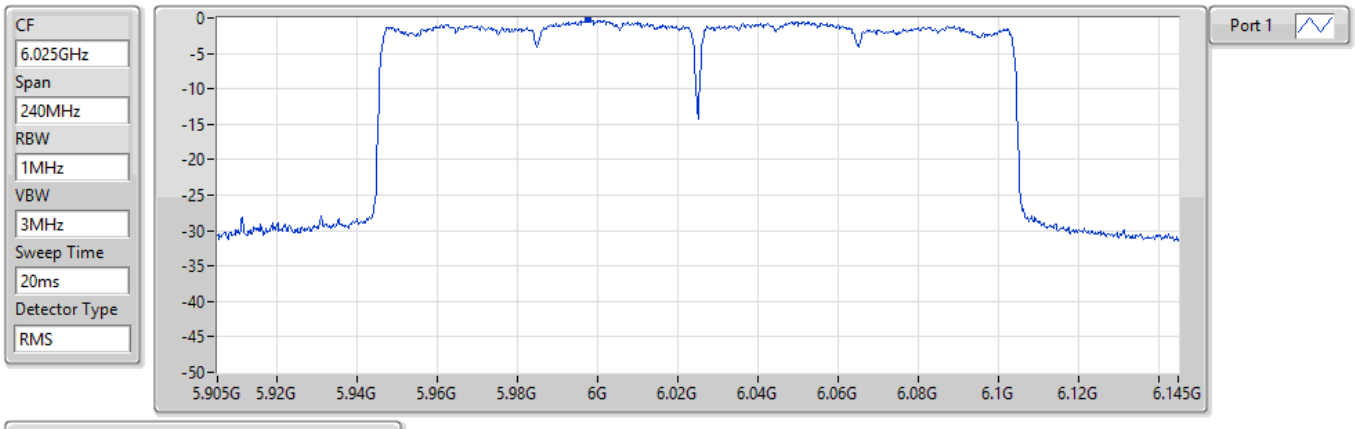
7025MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.71	0.71	0.71

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

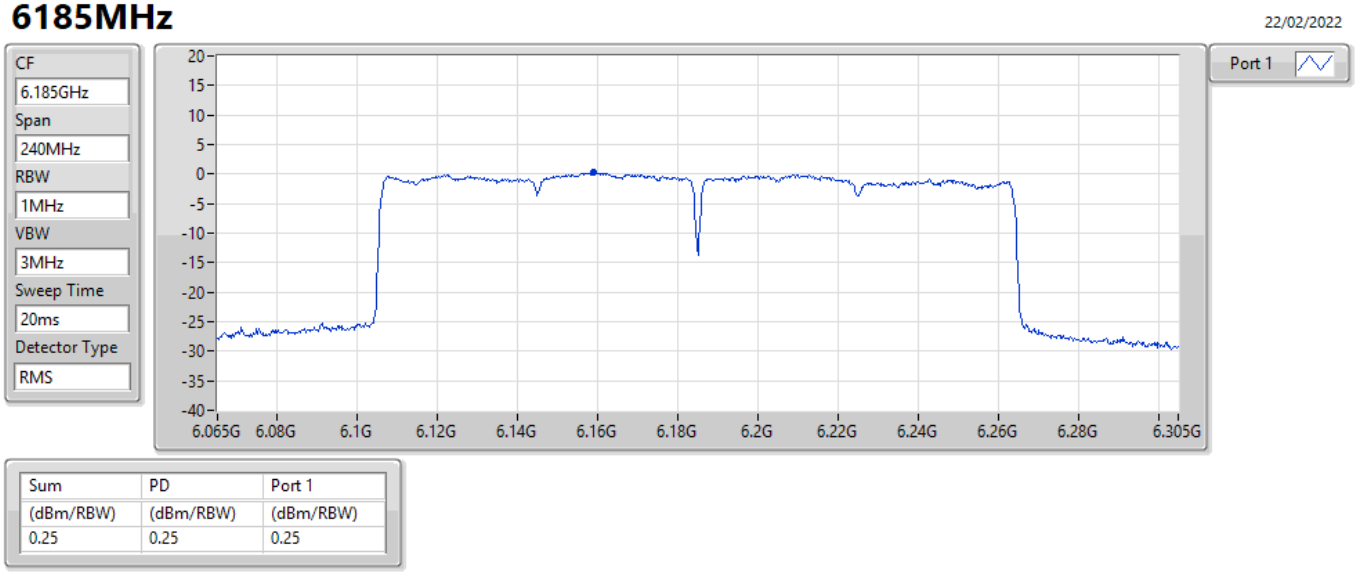
6025MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.28	-0.28	-0.28

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

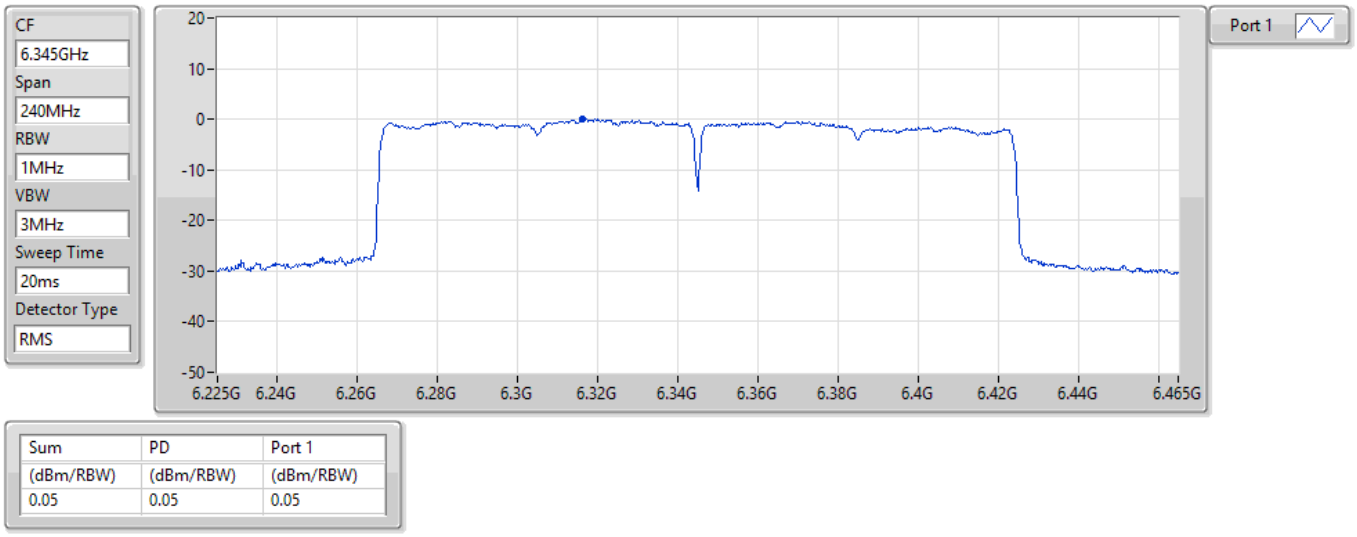
6185MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.25	0.25	0.25

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

6345MHz

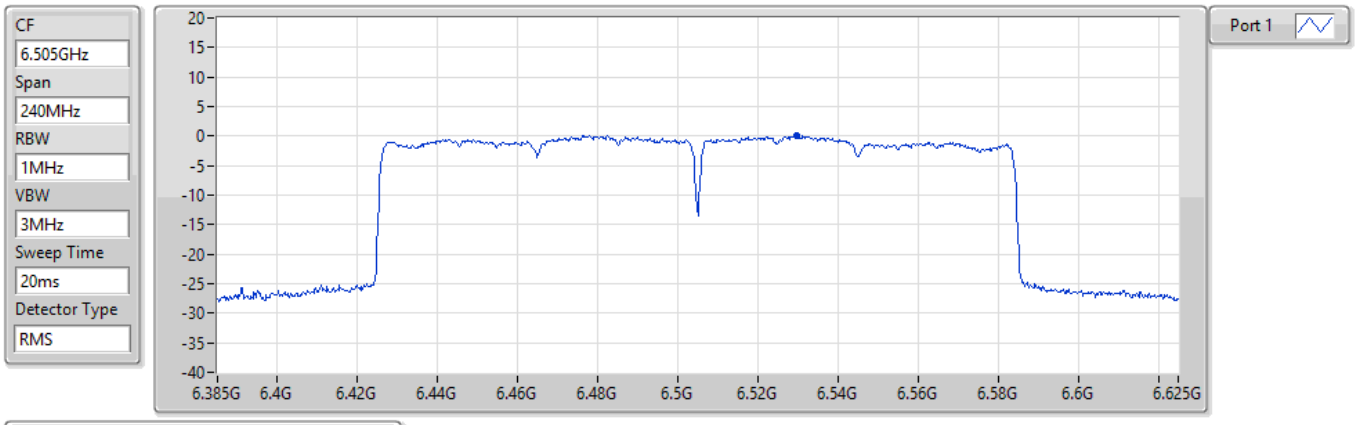


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.05	0.05	0.05

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

6505MHz Straddle 6.425-6.525GHz

22/02/2022

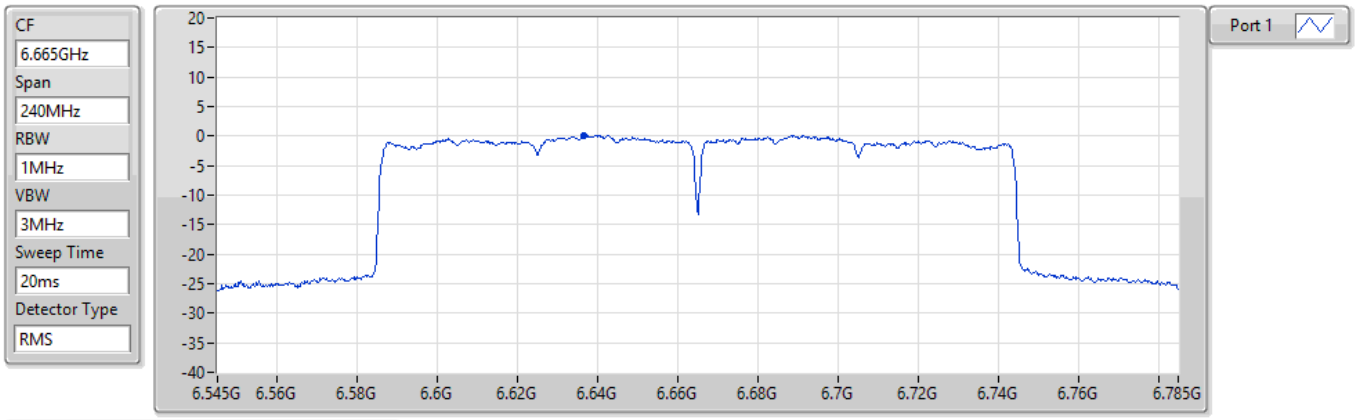


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.10	0.10	0.10

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

6665MHz

22/02/2022



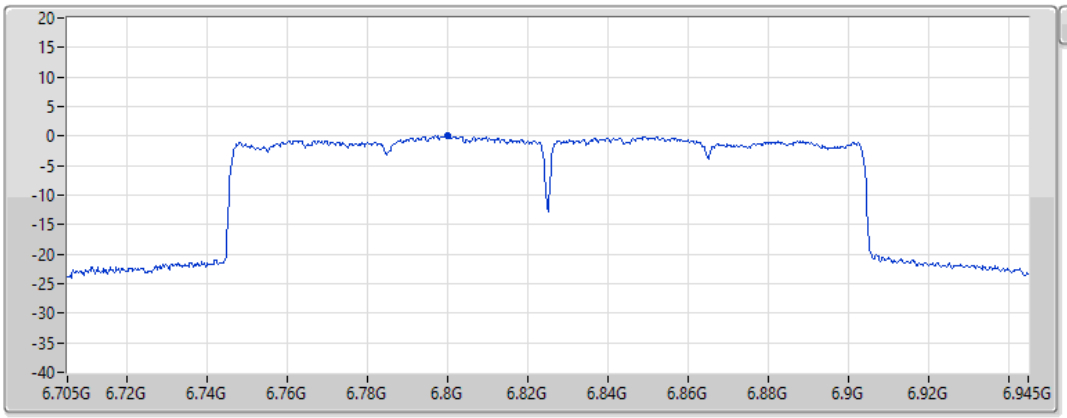
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.16	0.16	0.16

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

6825MHz Straddle 6.525-6.875GHz

22/02/2022

CF	6.825GHz
Span	240MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



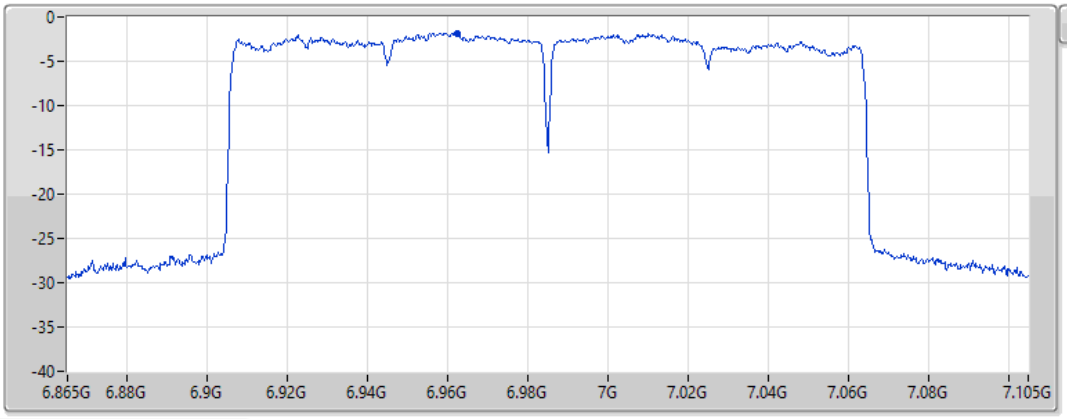
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.10	0.10	0.10

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

6985MHz

22/02/2022

CF	6.985GHz
Span	240MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

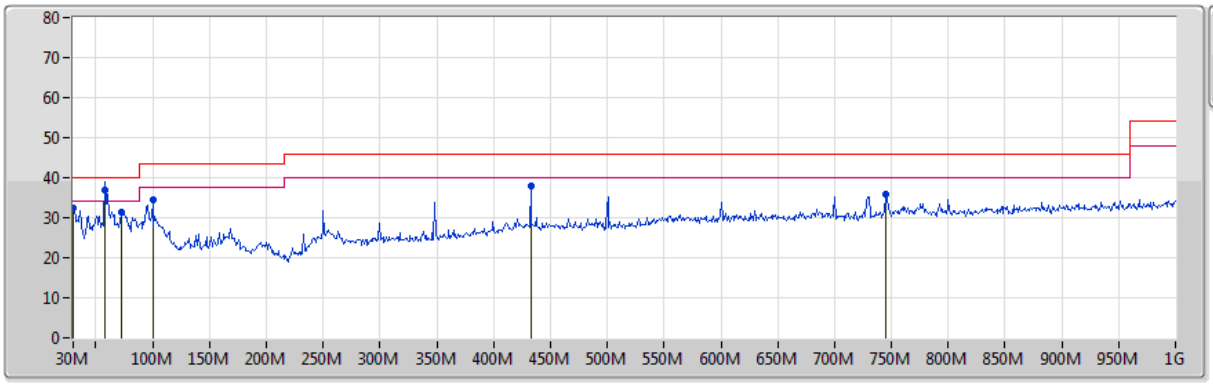


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.85	-1.85	-1.85

Summary

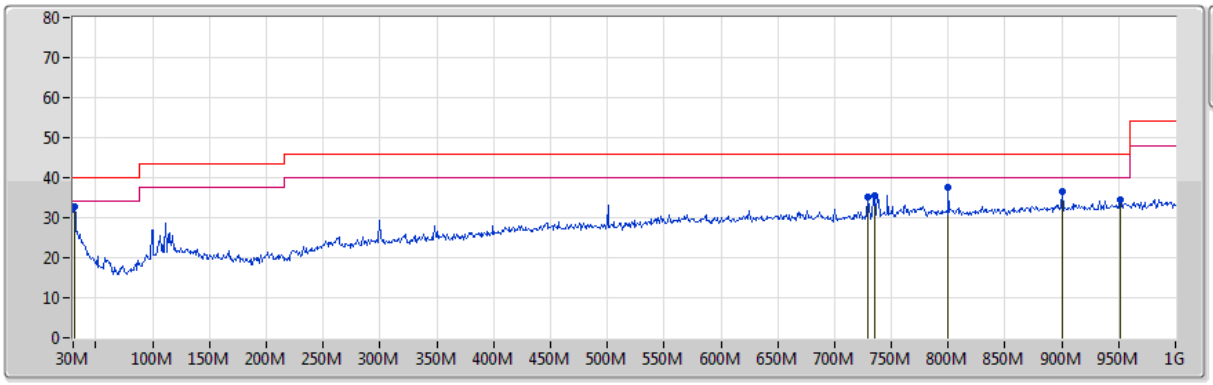
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	58.13M	36.74	40.00	-3.26	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	32.26	40.00	-7.74	-2.07	3	Vertical	115	2.00	-	34.33	25.20	1.20	28.47
QP	58.13M	36.74	40.00	-3.26	-14.76	3	Vertical	360	1.00	"Worst"	51.50	12.31	1.43	28.50
PK	72.68M	31.47	40.00	-8.53	-14.60	3	Vertical	175	1.25	-	46.07	12.49	1.45	28.54
PK	99.84M	34.49	43.50	-9.01	-10.45	3	Vertical	148	1.00	-	44.94	16.38	1.60	28.43
PK	432.55M	37.92	46.00	-8.08	-3.53	3	Vertical	33	2.00	-	41.45	22.32	2.93	28.78
PK	744.89M	35.81	46.00	-10.19	0.26	3	Vertical	265	1.50	-	35.55	25.60	3.69	29.03

Mode 1



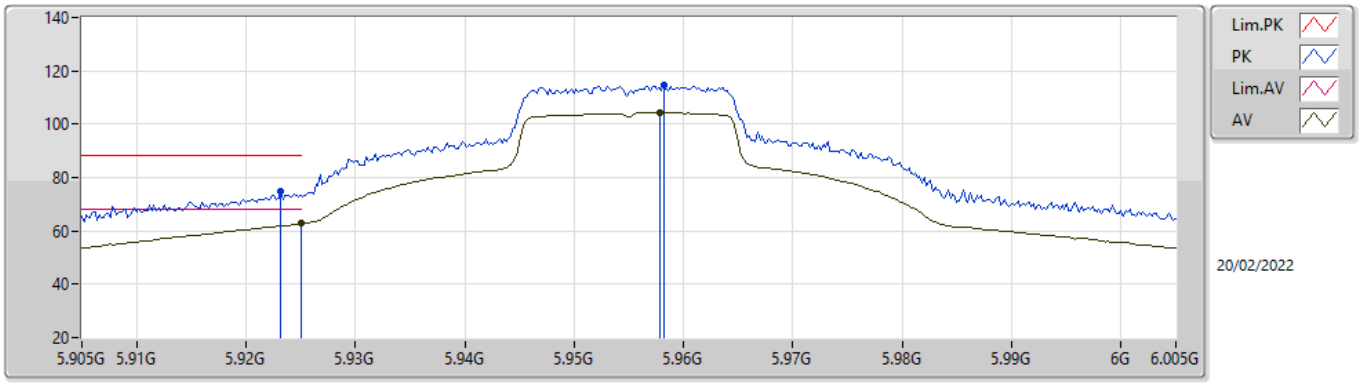
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	32.59	40.00	-7.41	-2.75	3	Horizontal	146	3.00	"Worst"	35.34	24.50	1.22	28.47
PK	729.37M	35.10	46.00	-10.90	-0.21	3	Horizontal	24	1.00	-	35.31	25.21	3.66	29.08
PK	735.19M	35.41	46.00	-10.59	-0.01	3	Horizontal	0	1.25	-	35.42	25.38	3.67	29.06
PK	800.18M	37.62	46.00	-8.38	0.61	3	Horizontal	242	1.25	-	37.01	25.85	3.80	29.04
PK	900.09M	36.70	46.00	-9.30	1.75	3	Horizontal	193	1.50	-	34.95	26.39	4.00	28.64
PK	951.5M	34.39	46.00	-11.61	2.27	3	Horizontal	347	1.50	-	32.12	26.74	4.10	28.57

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
6.525-6.875GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	Pass	RMS	7.1274G	68.07	68.20	-0.13	3	Horizontal	58	1.58	-

802.11ax HEW20_Nss1,(MCS0)_1TX

5955MHz_TnomVnom

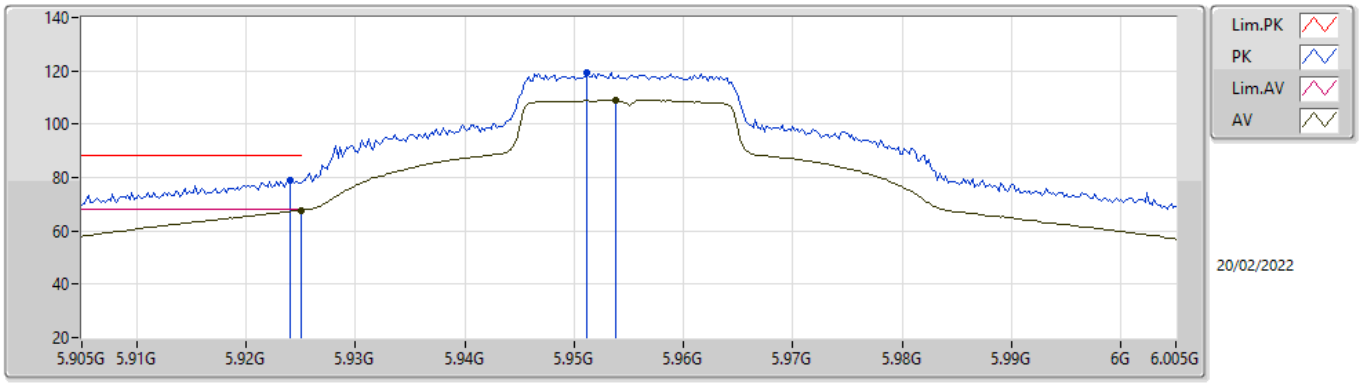


EUT X_1TX
Setting 94
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9232G	74.64	88.20	-13.56	67.59	3	Vertical	359	1.76	-	35.04	5.36	33.35
RMS	5.925G	62.68	68.20	-5.52	55.62	3	Vertical	359	1.76	-	35.05	5.36	33.35
PK	5.9582G	114.64	Inf	-Inf	107.39	3	Vertical	359	1.76	-	35.23	5.38	33.36
RMS	5.9578G	104.39	Inf	-Inf	97.14	3	Vertical	359	1.76	-	35.23	5.38	33.36

802.11ax HEW20_Nss1,(MCS0)_1TX

5955MHz_TnomVnom

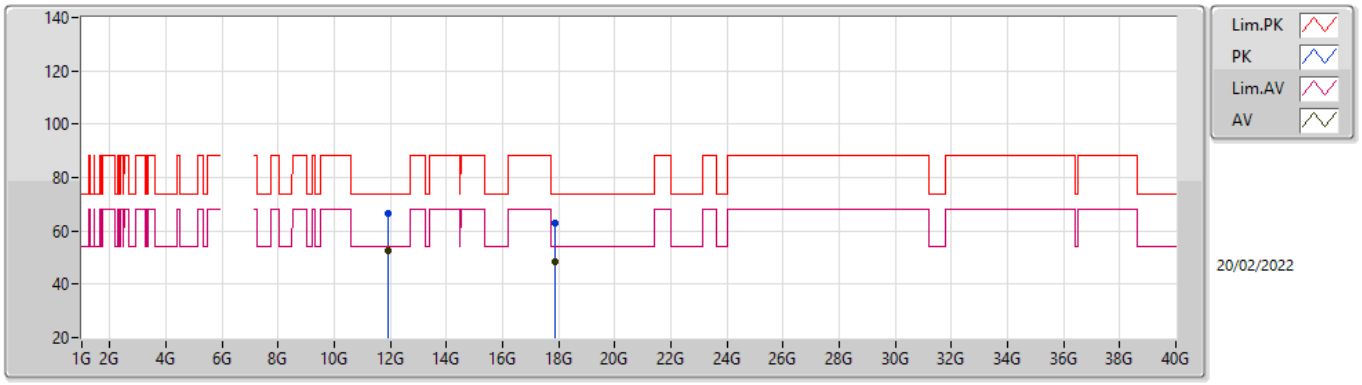


EUT X_1TX
Setting 94
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.924G	78.73	88.20	-9.47	71.68	3	Horizontal	55	2.81	-	35.04	5.36	33.35
RMS	5.925G	67.71	68.20	-0.49	60.65	3	Horizontal	55	2.81	-	35.05	5.36	33.35
PK	5.9512G	119.39	Inf	-Inf	112.17	3	Horizontal	55	2.81	-	35.20	5.38	33.36
RMS	5.9538G	108.91	Inf	-Inf	101.67	3	Horizontal	55	2.81	-	35.22	5.38	33.36

802.11ax HEW20_Nss1,(MCS0)_1TX

5955MHz_TnomVnom

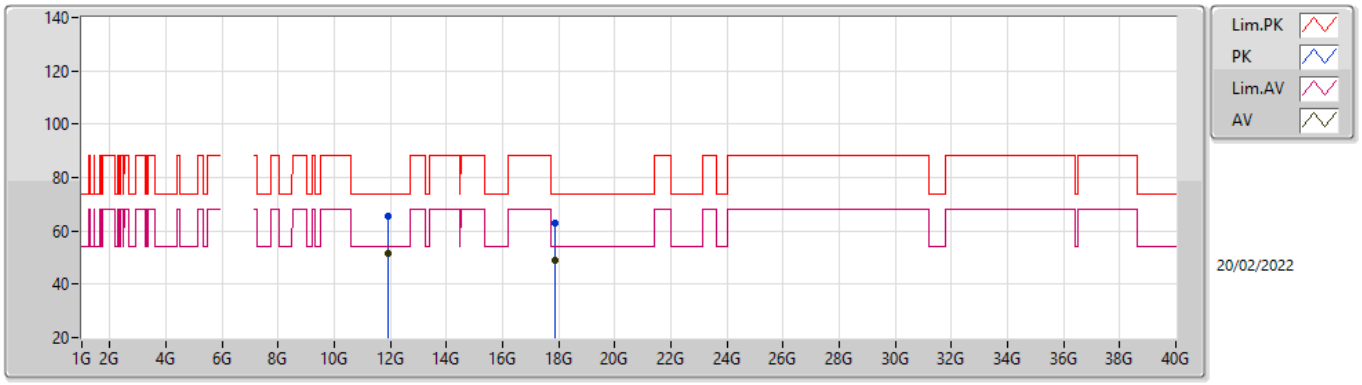


EUT X_1TX
Setting 94
04-D-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.9G	66.79	74.00	-7.21	53.57	3	Vertical	40	1.77	-	39.20	8.93	34.91
AV	11.91064G	52.65	54.00	-1.35	39.46	3	Vertical	40	1.77	-	39.17	8.94	34.92
PK	17.85852G	63.18	74.00	-10.82	46.30	3	Vertical	357	2.56	-	41.88	9.75	34.75
AV	17.86492G	48.68	54.00	-5.32	31.79	3	Vertical	357	2.56	-	41.89	9.75	34.75

802.11ax HEW20_Nss1,(MCS0)_1TX

5955MHz_TnomVnom

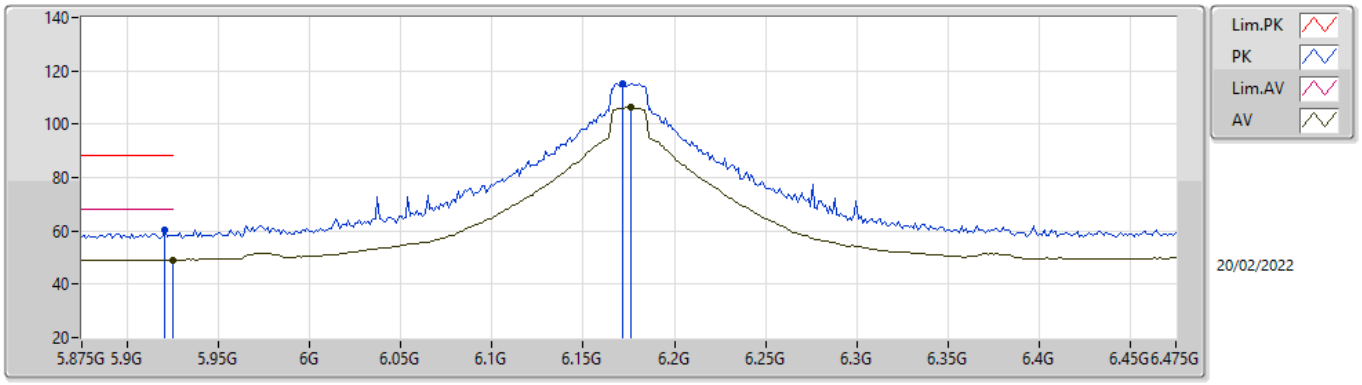


EUT X_1TX
Setting 94
04-D-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.90976G	65.26	74.00	-8.74	52.07	3	Horizontal	42	1.74	-	39.17	8.94	34.92
AV	11.90904G	51.55	54.00	-2.45	38.36	3	Horizontal	42	1.74	-	39.17	8.94	34.92
PK	17.86148G	62.93	74.00	-11.07	46.05	3	Horizontal	58	1.80	-	41.88	9.75	34.75
AV	17.8626G	48.71	54.00	-5.29	31.82	3	Horizontal	58	1.80	-	41.89	9.75	34.75

802.11ax HEW20_Nss1,(MCS0)_1TX

6175MHz_TnomVnom

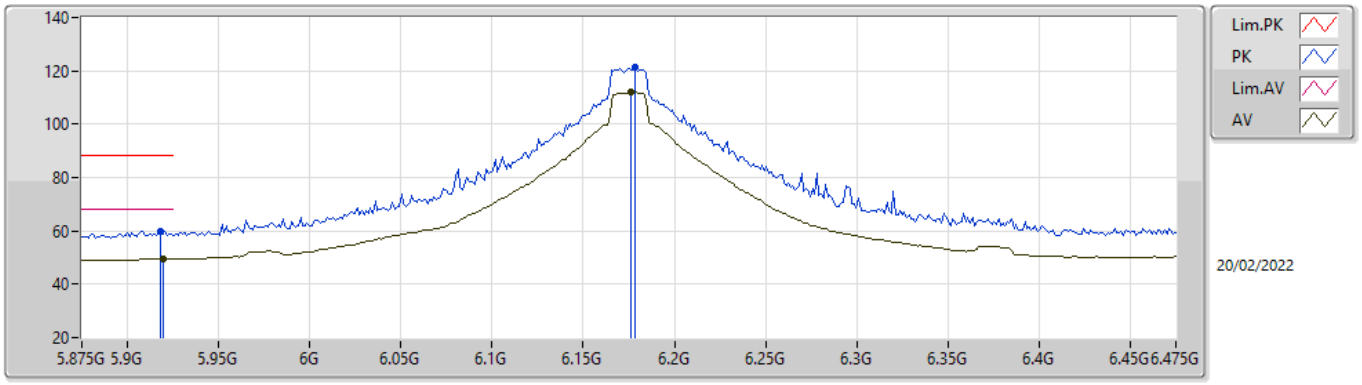


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9206G	60.37	88.20	-27.83	53.34	3	Vertical	30	1.60	-	35.02	5.36	33.35
RMS	5.925G	49.14	68.20	-19.06	42.08	3	Vertical	30	1.60	-	35.05	5.36	33.35
PK	6.1714G	115.22	Inf	-Inf	107.38	3	Vertical	30	1.60	-	35.53	5.57	33.26
RMS	6.1762G	106.25	Inf	-Inf	98.37	3	Vertical	30	1.60	-	35.56	5.58	33.26

802.11ax HEW20_Nss1,(MCS0)_1TX

6175MHz_TnomVnom

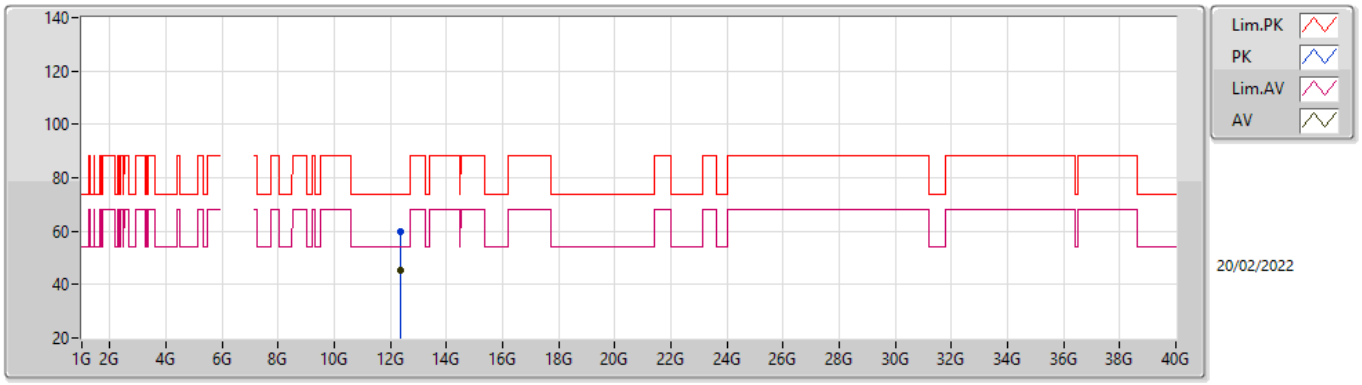


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9182G	59.91	88.20	-28.29	52.89	3	Horizontal	56	2.72	-	35.01	5.36	33.35
RMS	5.9194G	49.56	68.20	-18.64	42.53	3	Horizontal	56	2.72	-	35.02	5.36	33.35
PK	6.1786G	121.19	Inf	-Inf	113.30	3	Horizontal	56	2.72	-	35.57	5.58	33.26
RMS	6.1762G	111.91	Inf	-Inf	104.03	3	Horizontal	56	2.72	-	35.56	5.58	33.26

802.11ax HEW20_Nss1,(MCS0)_1TX

6175MHz_TnomVnom

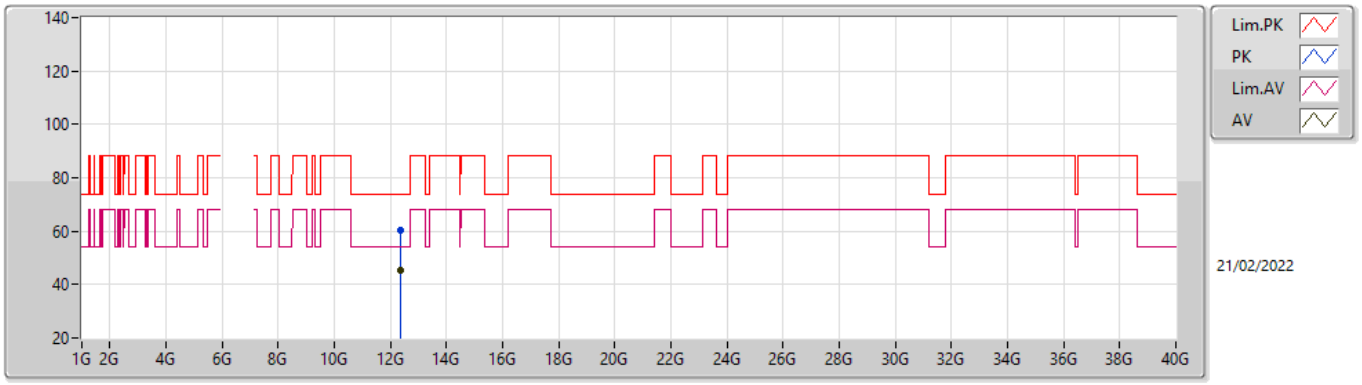


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.34656G	59.85	74.00	-14.15	46.93	3	Vertical	42	1.80	-	38.84	8.93	34.85
AV	12.35152G	45.59	54.00	-8.41	32.65	3	Vertical	42	1.80	-	38.85	8.93	34.84

802.11ax HEW20_Nss1,(MCS0)_1TX

6175MHz_TnomVnom

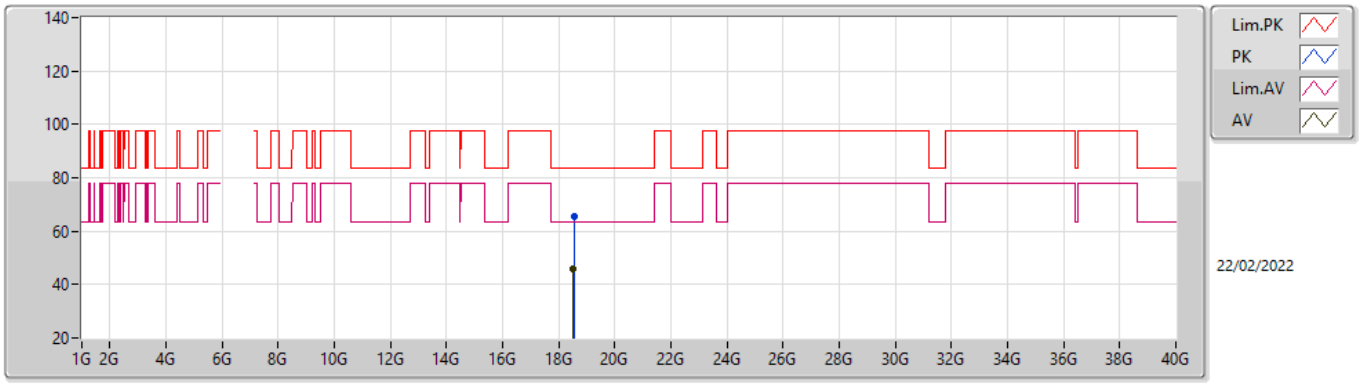


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.35008G	60.56	74.00	-13.44	47.62	3	Horizontal	60	1.80	-	38.85	8.93	34.84
AV	12.35144G	45.58	54.00	-8.42	32.64	3	Horizontal	60	1.80	-	38.85	8.93	34.84

802.11ax HEW20_Nss1,(MCS0)_1TX

6175MHz_TnomVnom

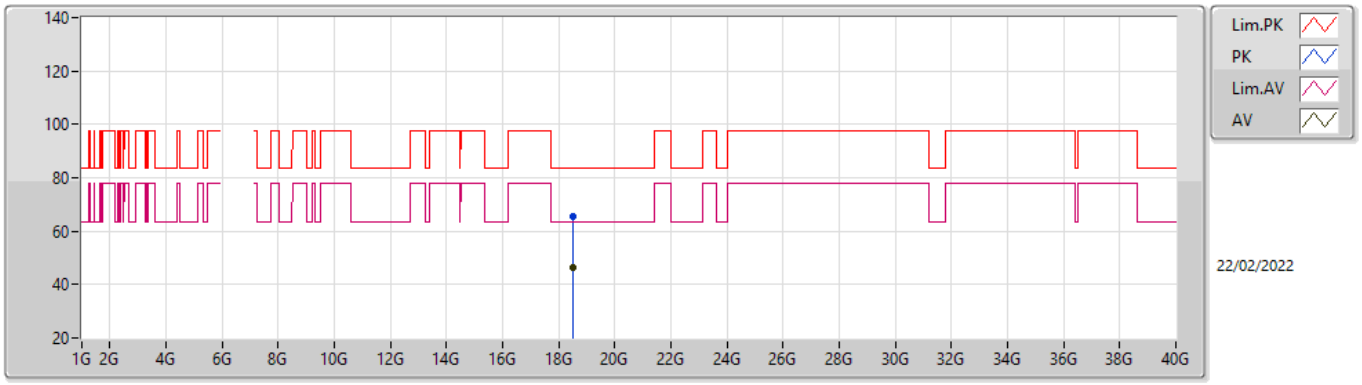


EUT X_1TX
Setting 108
04-D-S-8

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	18.5344G	65.53	83.54	-18.01	62.90	1	Vertical	353.8	1.68	-	37.79	14.91	50.07
AV	18.5264G	45.90	63.54	-17.64	43.27	1	Vertical	353.8	1.68	-	37.79	14.91	50.07

802.11ax HEW20_Nss1,(MCS0)_1TX

6175MHz_TnomVnom

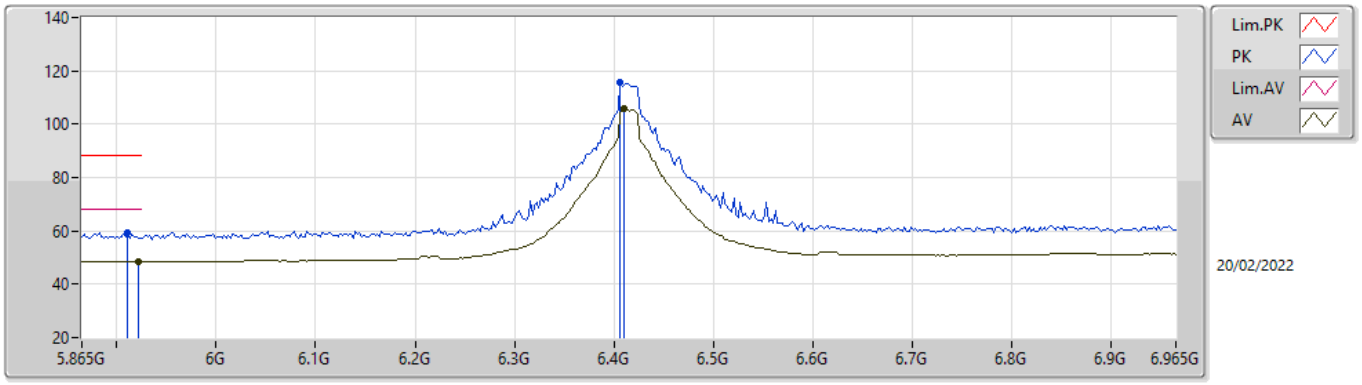


EUT X_1TX
Setting 108
04-D-S-8

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	18.5218G	65.39	83.54	-18.15	62.77	1	Horizontal	349	1.52	-	37.79	14.91	50.08
AV	18.524G	46.38	63.54	-17.16	43.76	1	Horizontal	349	1.52	-	37.79	14.91	50.08

802.11ax HEW20_Nss1,(MCS0)_1TX

6415MHz_TnomVnom

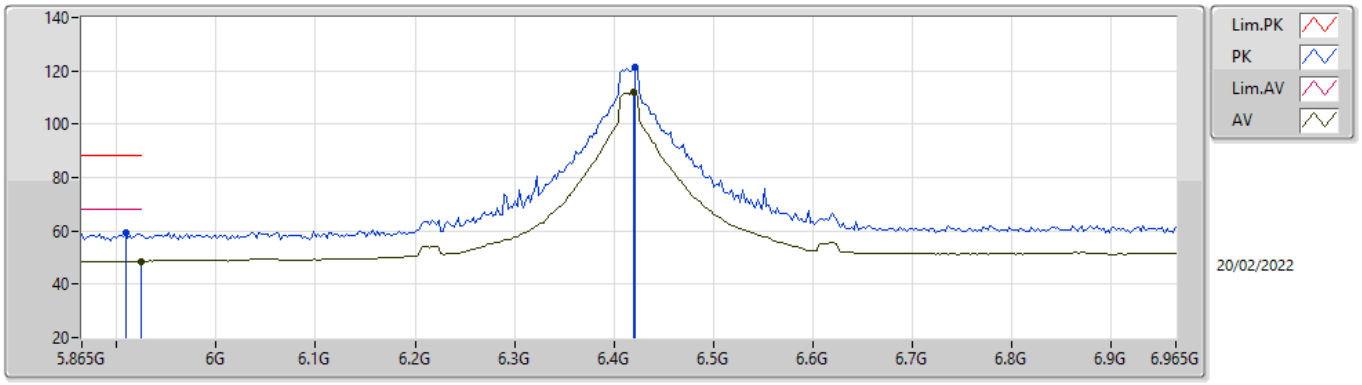


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9112G	59.37	88.20	-28.83	52.38	3	Vertical	39	2.11	-	34.97	5.36	33.34
RMS	5.9222G	48.45	68.20	-19.75	41.41	3	Vertical	39	2.11	-	35.03	5.36	33.35
PK	6.4062G	115.72	Inf	-Inf	107.43	3	Vertical	39	2.11	-	35.69	5.70	33.10
RMS	6.4106G	105.90	Inf	-Inf	97.62	3	Vertical	39	2.11	-	35.68	5.70	33.10

802.11ax HEW20_Nss1,(MCS0)_1TX

6415MHz_TnomVnom

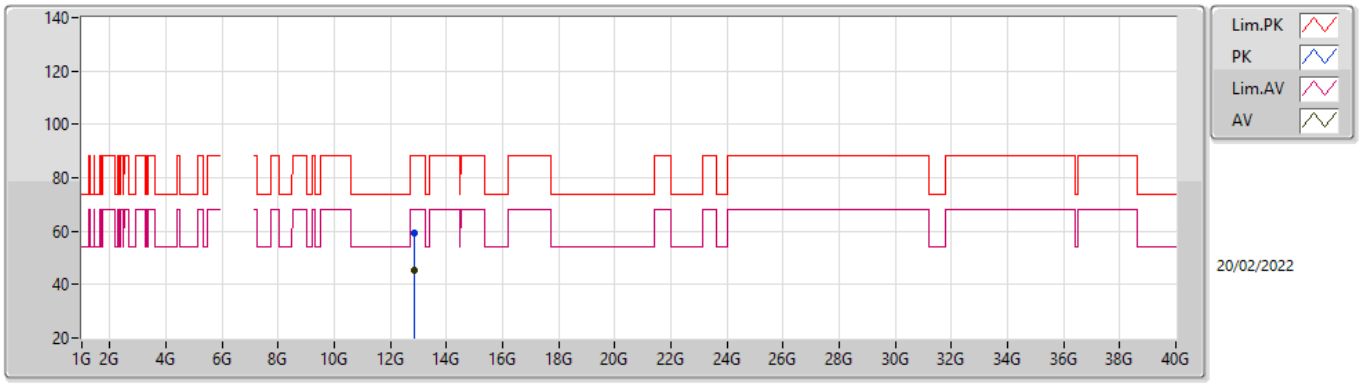


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.909G	59.53	88.20	-28.67	52.57	3	Horizontal	57	1.55	-	34.95	5.35	33.34
RMS	5.9244G	48.68	68.20	-19.52	41.62	3	Horizontal	57	1.55	-	35.05	5.36	33.35
PK	6.4216G	121.27	Inf	-Inf	113.00	3	Horizontal	57	1.55	-	35.66	5.70	33.09
RMS	6.4194G	111.98	Inf	-Inf	103.71	3	Horizontal	57	1.55	-	35.66	5.70	33.09

802.11ax HEW20_Nss1,(MCS0)_1TX

6415MHz_TnomVnom

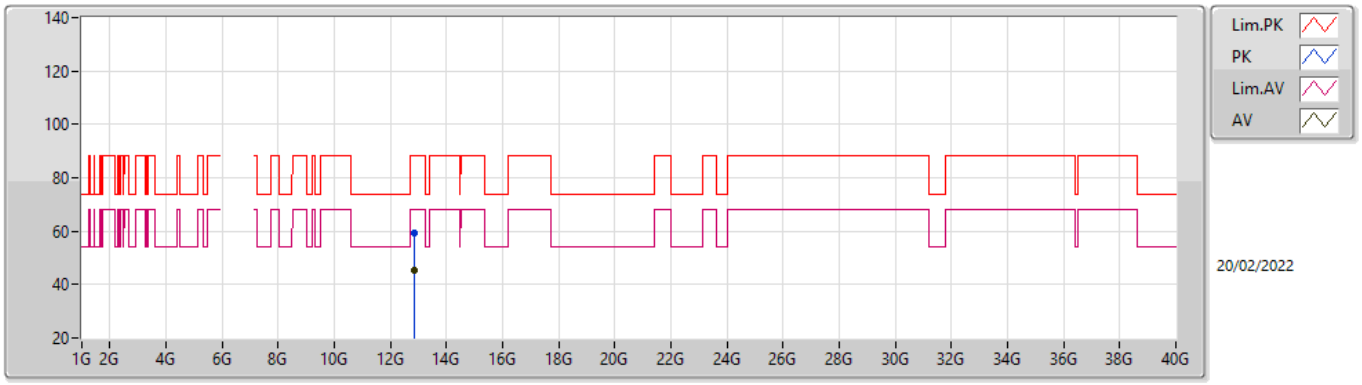


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.8308G	59.06	88.20	-29.14	45.53	3	Vertical	51	1.65	-	39.43	8.83	34.73
RMS	12.82976G	45.25	68.20	-22.95	31.72	3	Vertical	51	1.65	-	39.43	8.83	34.73

802.11ax HEW20_Nss1,(MCS0)_1TX

6415MHz_TnomVnom

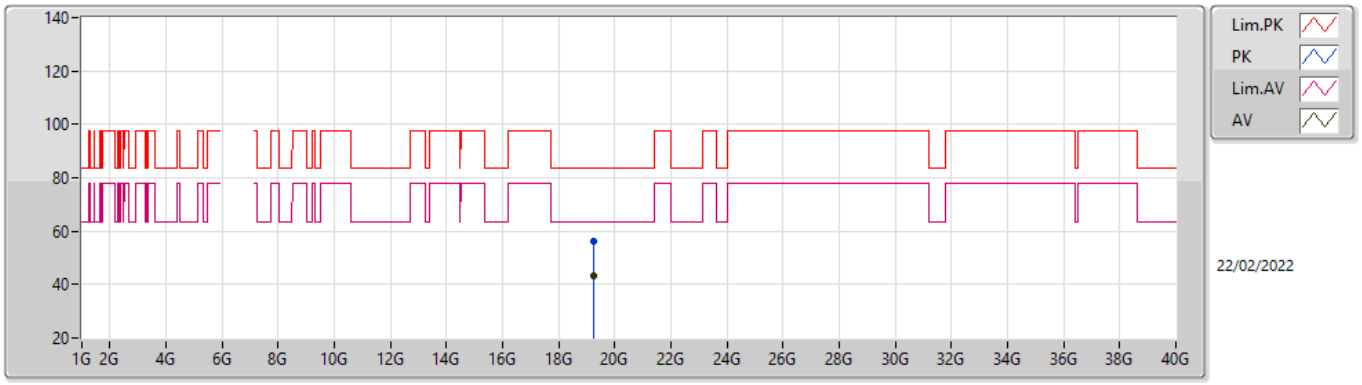


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.83392G	59.51	88.20	-28.69	45.98	3	Horizontal	60	1.71	-	39.43	8.83	34.73
RMS	12.82984G	45.25	68.20	-22.95	31.72	3	Horizontal	60	1.71	-	39.43	8.83	34.73

802.11ax HEW20_Nss1,(MCS0)_1TX

6415MHz_TnomVnom

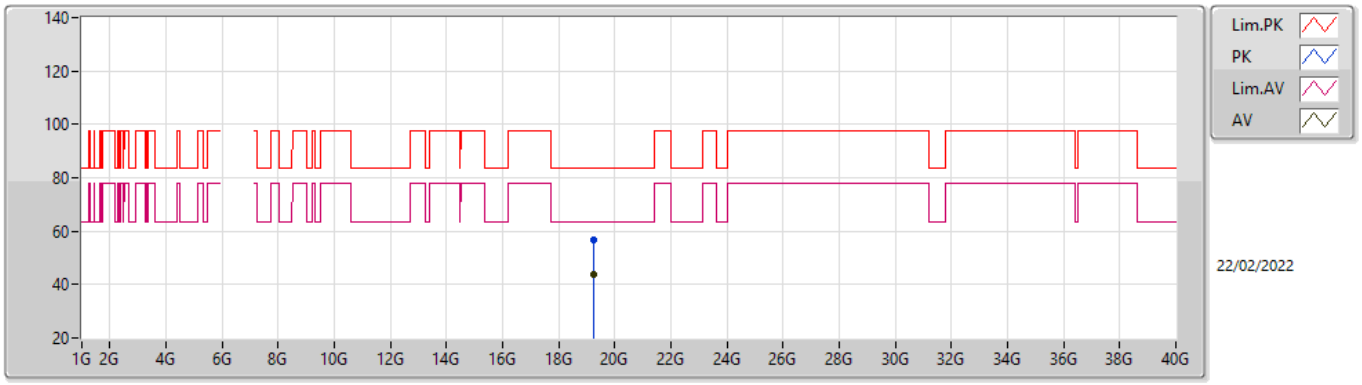


EUT X_1TX
Setting 108
04-D-S-8

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	19.2402G	56.35	83.54	-27.19	53.09	1	Vertical	345	1.40	-	37.71	15.20	49.65
AV	19.245G	43.24	63.54	-20.30	39.98	1	Vertical	345	1.40	-	37.71	15.20	49.65

802.11ax HEW20_Nss1,(MCS0)_1TX

6415MHz_TnomVnom

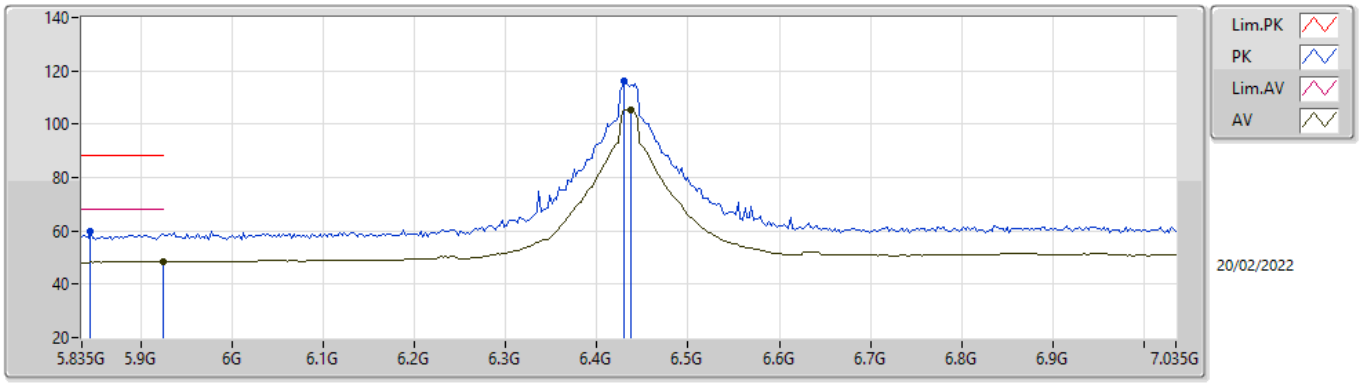


EUT X_1TX
Setting 108
04-D-S-8

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	19.2466G	56.61	83.54	-26.93	53.36	1	Horizontal	57	1.47	-	37.70	15.20	49.65
AV	19.24532G	43.56	63.54	-19.98	40.30	1	Horizontal	57	1.47	-	37.71	15.20	49.65

802.11ax HEW20_Nss1,(MCS0)_1TX

6435MHz_TnomVnom

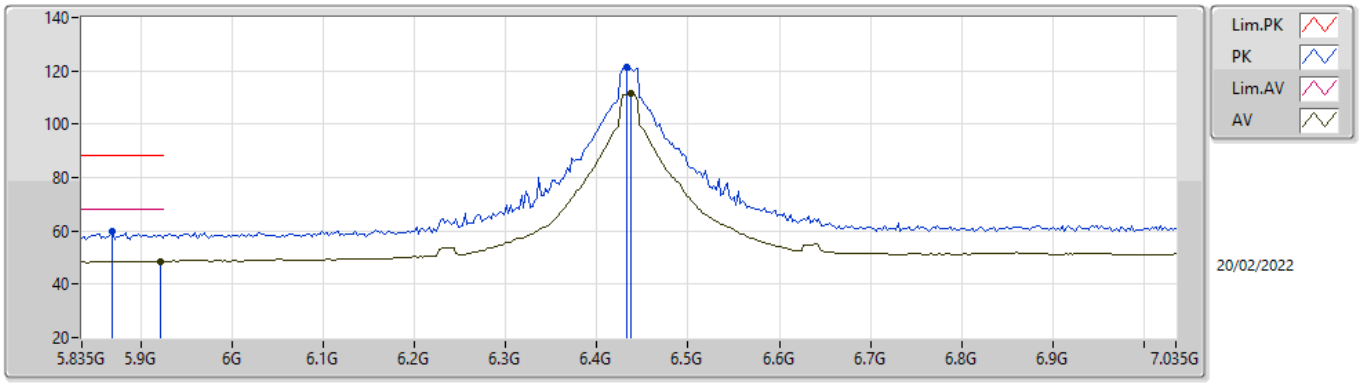


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8446G	59.61	88.20	-28.59	52.84	3	Vertical	37	2.10	-	34.77	5.32	33.32
RMS	5.925G	48.48	68.20	-19.72	41.42	3	Vertical	37	2.10	-	35.05	5.36	33.35
PK	6.4302G	116.07	Inf	-Inf	107.82	3	Vertical	37	2.10	-	35.64	5.70	33.09
RMS	6.4374G	105.22	Inf	-Inf	96.97	3	Vertical	37	2.10	-	35.63	5.70	33.08

802.11ax HEW20_Nss1,(MCS0)_1TX

6435MHz_TnomVnom

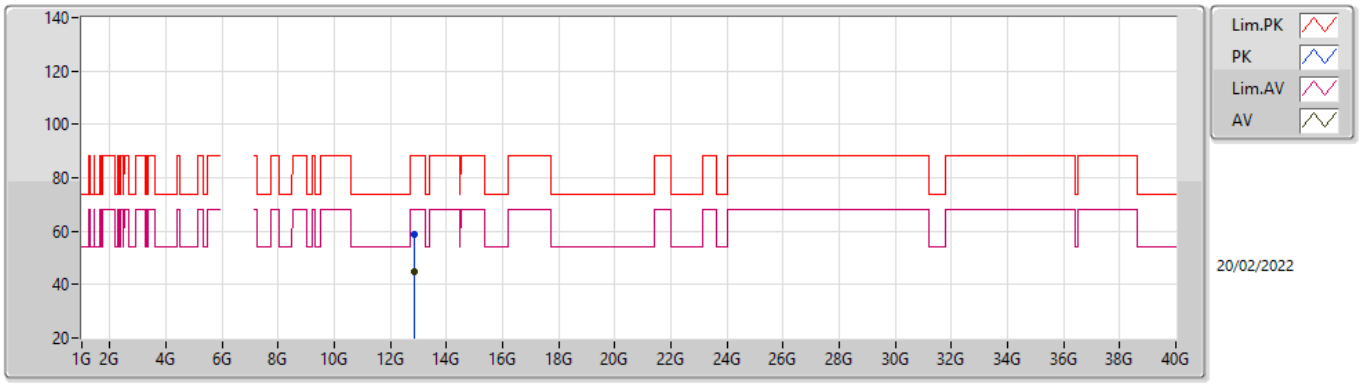


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8686G	59.59	88.20	-28.61	52.75	3	Horizontal	58	1.78	-	34.84	5.33	33.33
RMS	5.9214G	48.64	68.20	-19.56	41.60	3	Horizontal	58	1.78	-	35.03	5.36	33.35
PK	6.4326G	121.44	Inf	-Inf	113.20	3	Horizontal	58	1.78	-	35.63	5.70	33.09
RMS	6.4374G	111.46	Inf	-Inf	103.21	3	Horizontal	58	1.78	-	35.63	5.70	33.08

802.11ax HEW20_Nss1,(MCS0)_1TX

6435MHz_TnomVnom

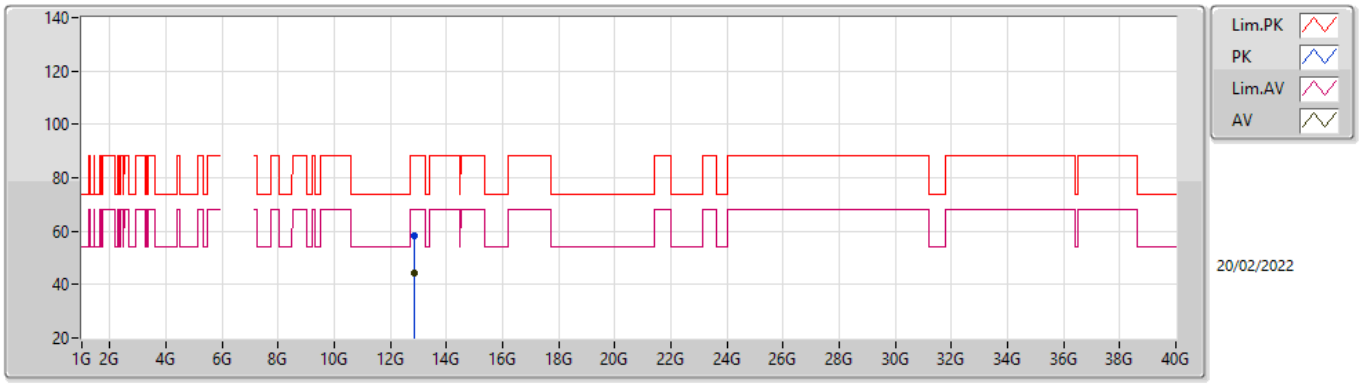


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.86784G	58.84	88.20	-29.36	45.27	3	Vertical	50	1.62	-	39.47	8.83	34.73
RMS	12.87128G	44.91	68.20	-23.29	31.34	3	Vertical	50	1.62	-	39.47	8.83	34.73

802.11ax HEW20_Nss1,(MCS0)_1TX

6435MHz_TnomVnom

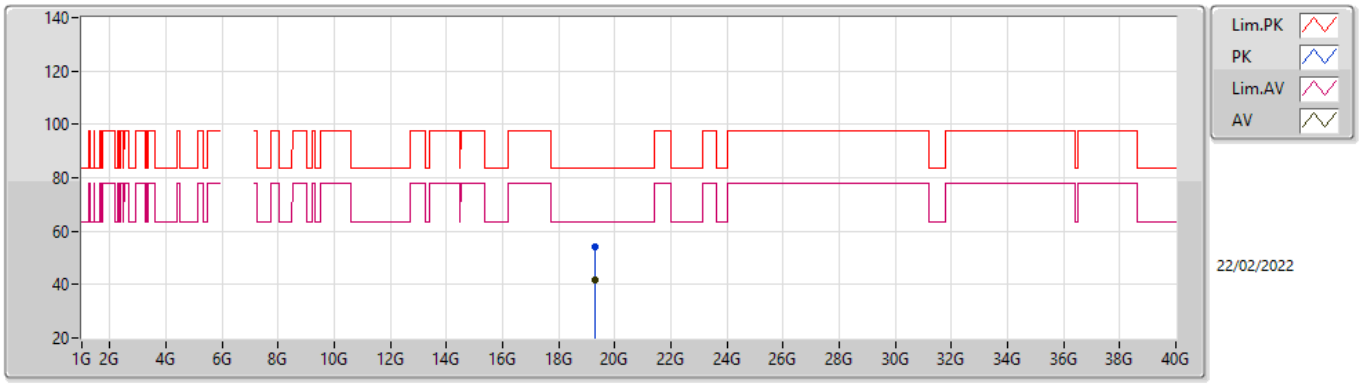


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.86768G	58.13	88.20	-30.07	44.56	3	Horizontal	70	2.45	-	39.47	8.83	34.73
RMS	12.86808G	44.47	68.20	-23.73	30.90	3	Horizontal	70	2.45	-	39.47	8.83	34.73

802.11ax HEW20_Nss1,(MCS0)_1TX

6435MHz_TnomVnom

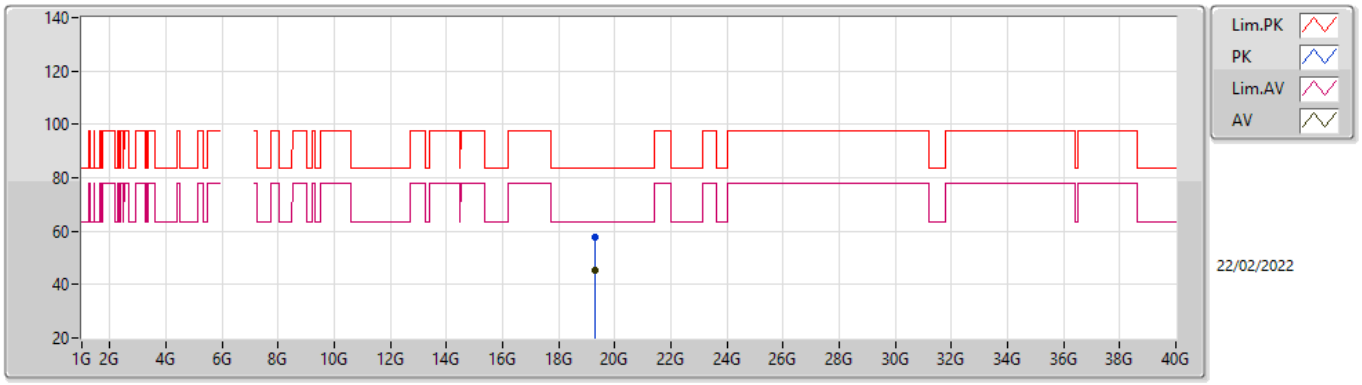


EUT X_1TX
Setting 108
04-D-S-8

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	19.31188G	54.34	83.54	-29.20	51.03	1	Vertical	31	1.40	-	37.75	15.22	49.66
AV	19.30372G	41.48	63.54	-22.06	38.18	1	Vertical	31	1.40	-	37.74	15.22	49.66

802.11ax HEW20_Nss1,(MCS0)_1TX

6435MHz_TnomVnom

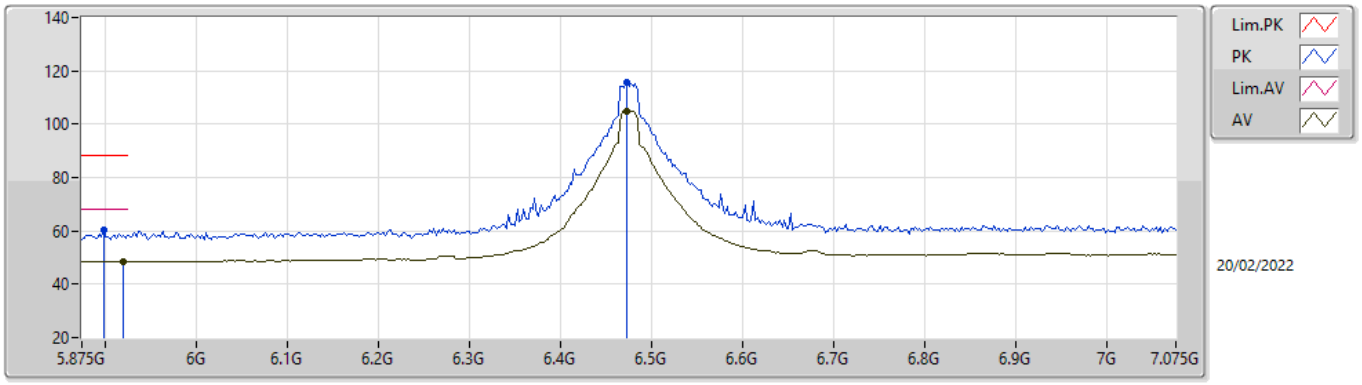


EUT X_1TX
Setting 108
04-D-S-8

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	19.3122G	57.66	83.54	-25.88	54.35	1	Horizontal	353	1.49	-	37.75	15.22	49.66
AV	19.30372G	45.35	63.54	-18.19	42.05	1	Horizontal	353	1.49	-	37.74	15.22	49.66

802.11ax HEW20_Nss1,(MCS0)_1TX

6475MHz_TnomVnom

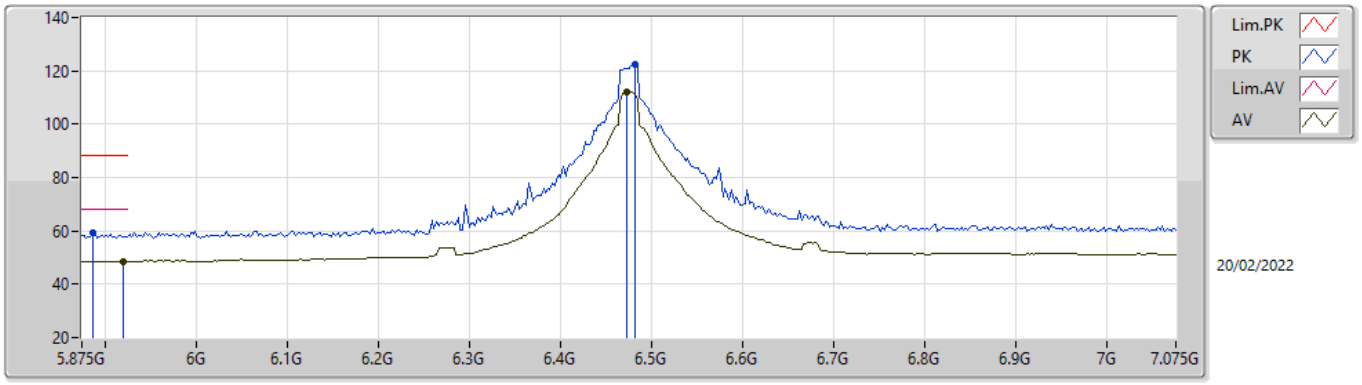


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.899G	60.57	88.20	-27.63	53.66	3	Vertical	39	1.91	-	34.90	5.35	33.34
RMS	5.9206G	48.43	68.20	-19.77	41.40	3	Vertical	39	1.91	-	35.02	5.36	33.35
PK	6.4726G	115.58	Inf	-Inf	107.25	3	Vertical	39	1.91	-	35.69	5.70	33.06
RMS	6.4726G	105.08	Inf	-Inf	96.75	3	Vertical	39	1.91	-	35.69	5.70	33.06

802.11ax HEW20_Nss1,(MCS0)_1TX

6475MHz_TnomVnom

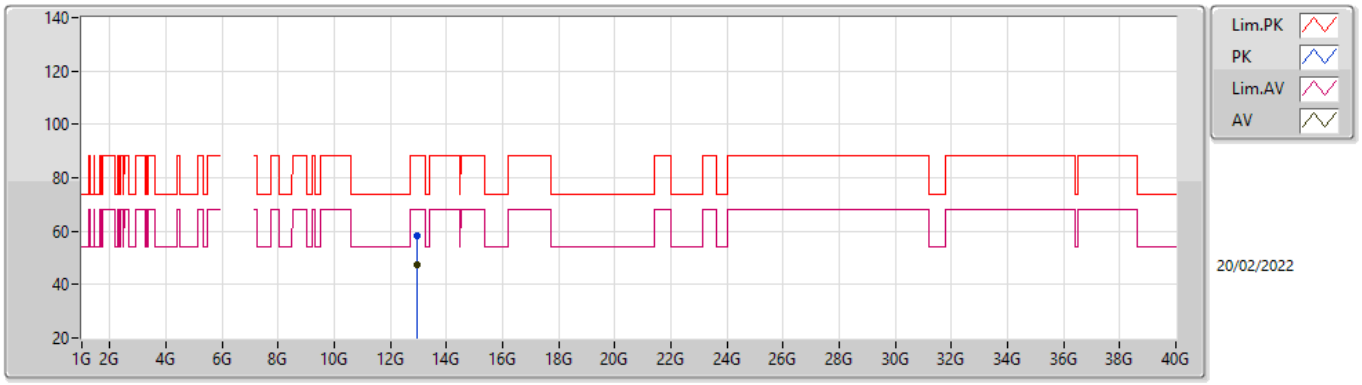


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.887G	59.19	88.20	-29.01	52.31	3	Horizontal	56	1.73	-	34.87	5.34	33.33
RMS	5.9206G	48.60	68.20	-19.60	41.57	3	Horizontal	56	1.73	-	35.02	5.36	33.35
PK	6.4822G	122.48	Inf	-Inf	114.10	3	Horizontal	56	1.73	-	35.73	5.70	33.05
RMS	6.4726G	112.26	Inf	-Inf	103.93	3	Horizontal	56	1.73	-	35.69	5.70	33.06

802.11ax HEW20_Nss1,(MCS0)_1TX

6475MHz_TnomVnom

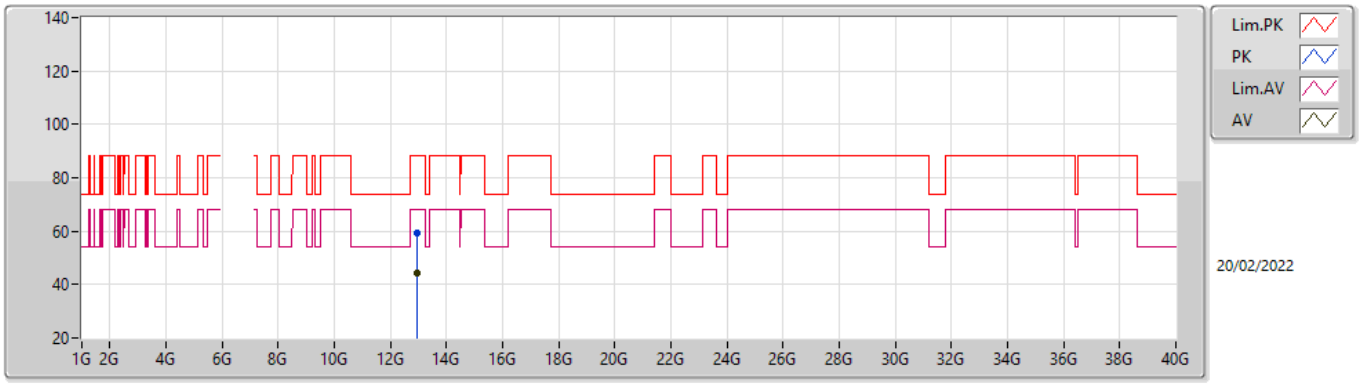


EUT X_1TX
Setting 108
04-D-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.9568G	58.06	88.20	-30.14	44.35	3	Vertical	53	1.74	-	39.61	8.81	34.71
RMS	12.9468G	47.34	68.20	-20.86	33.65	3	Vertical	53	1.74	-	39.59	8.81	34.71

802.11ax HEW20_Nss1,(MCS0)_1TX

6475MHz_TnomVnom

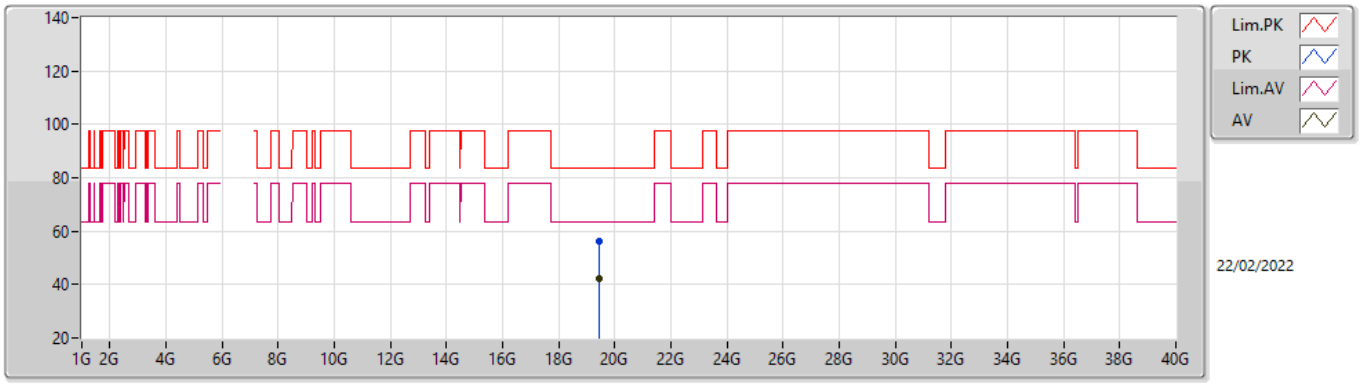


EUT X_1TX
Setting 108
04-D-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.95008G	59.17	88.20	-29.03	45.47	3	Horizontal	50	2.19	-	39.60	8.81	34.71
RMS	12.94872G	44.53	68.20	-23.67	30.83	3	Horizontal	50	2.19	-	39.60	8.81	34.71

802.11ax HEW20_Nss1,(MCS0)_1TX

6475MHz_TnomVnom

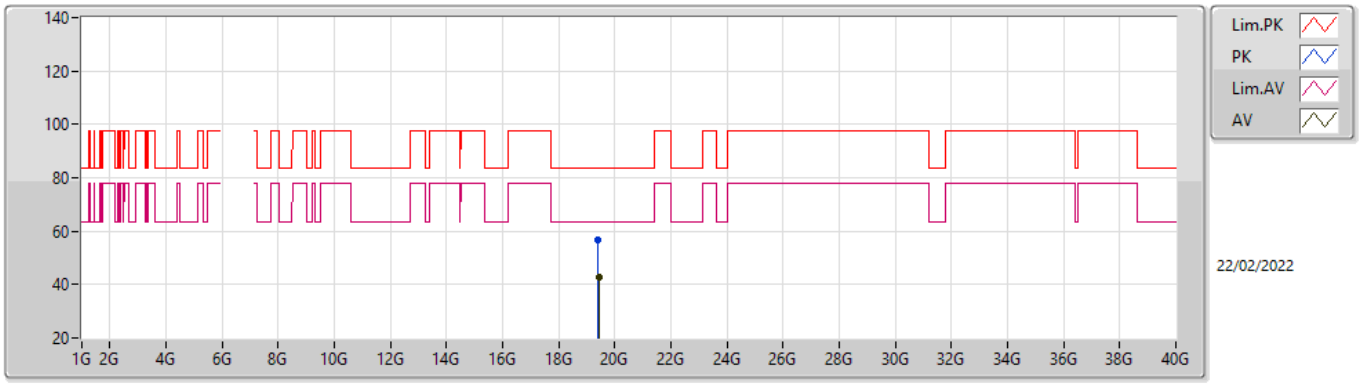


EUT X_1TX
Setting 108
04-D-S-8

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	19.4298G	56.17	83.54	-27.37	52.75	1	Vertical	41	1.60	-	37.84	15.27	49.69
AV	19.42372G	42.41	63.54	-21.13	38.98	1	Vertical	41	1.60	-	37.84	15.27	49.68

802.11ax HEW20_Nss1,(MCS0)_1TX

6475MHz_TnomVnom

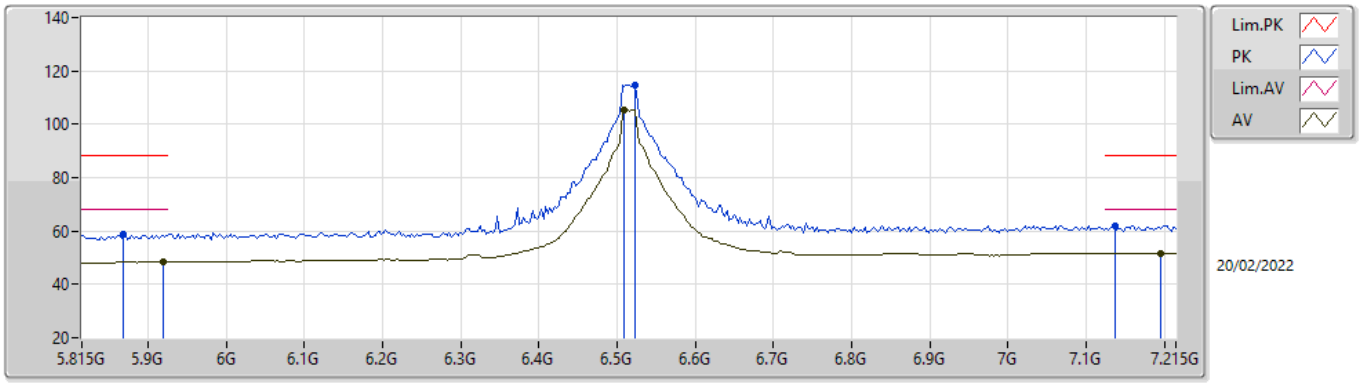


EUT X_1TX
Setting 108
04-D-S-8

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	19.41284G	56.51	83.54	-27.03	53.09	1	Horizontal	319	1.60	-	37.83	15.27	49.68
AV	19.42356G	42.97	63.54	-20.57	39.54	1	Horizontal	319	1.60	-	37.84	15.27	49.68

802.11ax HEW20_Nss1,(MCS0)_1TX

6515MHz_TnomVnom

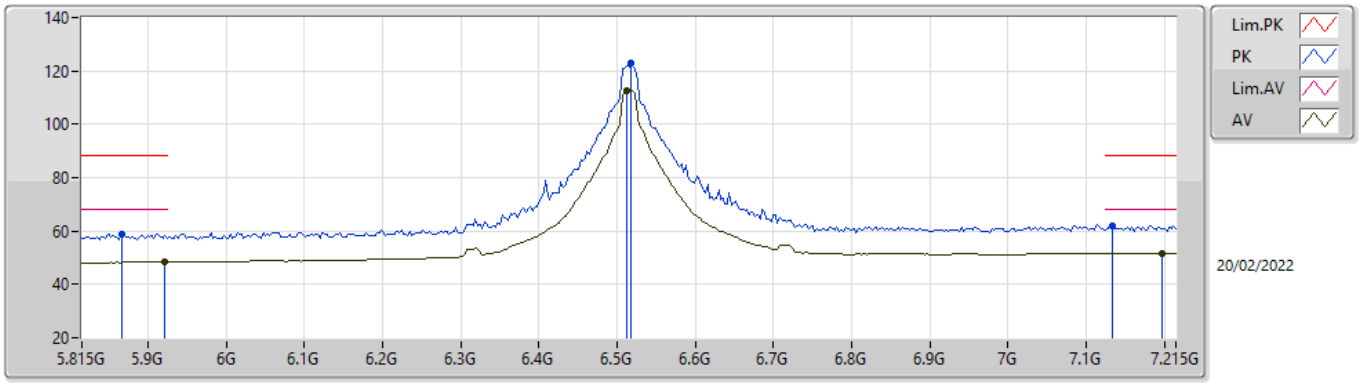


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8682G	58.79	88.20	-29.41	51.95	3	Vertical	37	1.98	-	34.84	5.33	33.33
RMS	5.9186G	48.41	68.20	-19.79	41.39	3	Vertical	37	1.98	-	35.01	5.36	33.35
PK	6.5234G	114.87	Inf	-Inf	106.33	3	Vertical	37	1.98	-	35.89	5.70	33.05
RMS	6.5094G	105.35	Inf	-Inf	96.85	3	Vertical	37	1.98	-	35.84	5.70	33.04
PK	7.1366G	62.13	88.20	-26.07	52.62	3	Vertical	37	1.98	-	36.99	5.97	33.45
RMS	7.1954G	51.68	68.20	-16.52	41.92	3	Vertical	37	1.98	-	37.28	6.00	33.52

802.11ax HEW20_Nss1,(MCS0)_1TX

6515MHz_TnomVnom

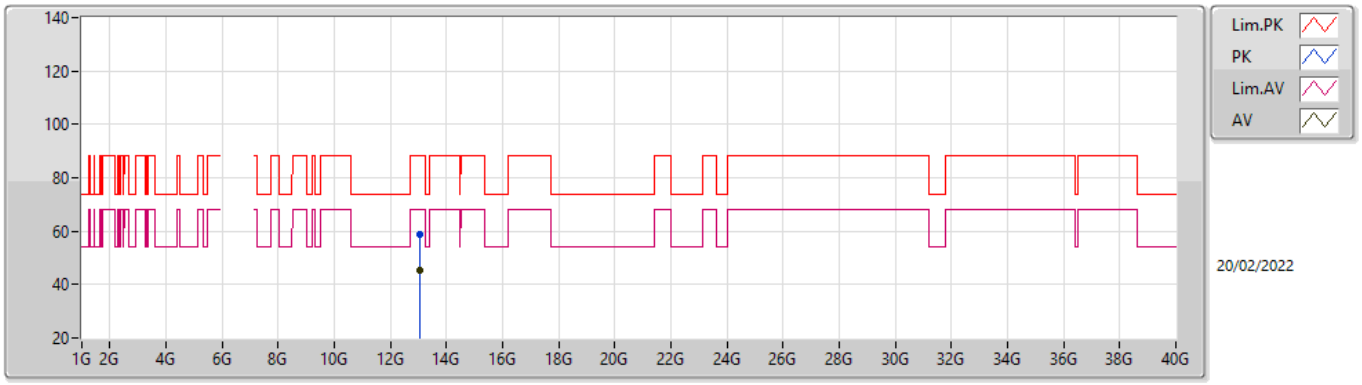


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8654G	58.92	88.20	-29.28	52.09	3	Horizontal	58	2.62	-	34.83	5.33	33.33
RMS	5.9214G	48.38	68.20	-19.82	41.34	3	Horizontal	58	2.62	-	35.03	5.36	33.35
PK	6.5178G	122.98	Inf	-Inf	114.46	3	Horizontal	58	2.62	-	35.87	5.70	33.05
RMS	6.5122G	112.41	Inf	-Inf	103.91	3	Horizontal	58	2.62	-	35.85	5.70	33.05
PK	7.1338G	61.87	88.20	-26.33	52.38	3	Horizontal	58	2.62	-	36.97	5.97	33.45
RMS	7.1982G	51.78	68.20	-16.42	42.02	3	Horizontal	58	2.62	-	37.29	6.00	33.53

802.11ax HEW20_Nss1,(MCS0)_1TX

6515MHz_TnomVnom

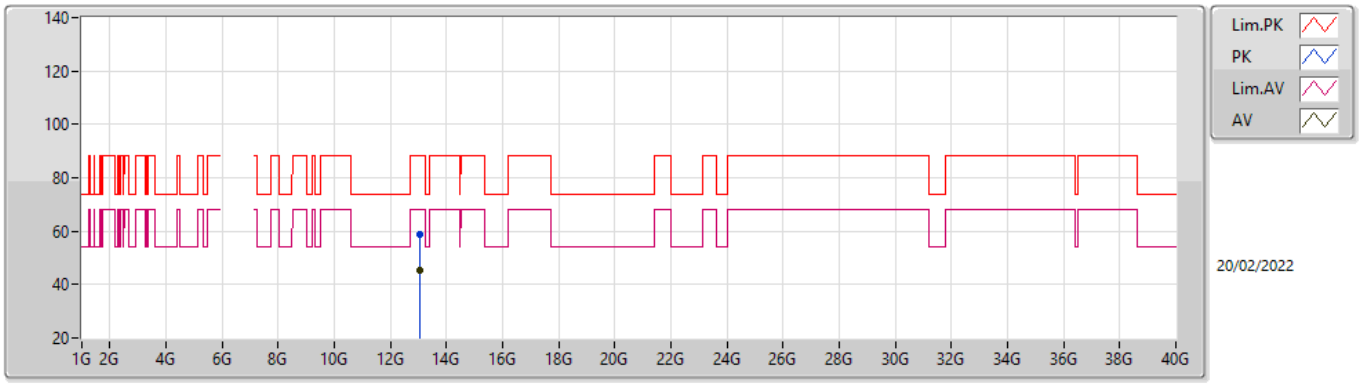


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.03408G	59.02	88.20	-29.18	45.23	3	Vertical	44	1.37	-	39.70	8.79	34.70
RMS	13.0312G	45.55	68.20	-22.65	31.76	3	Vertical	44	1.37	-	39.70	8.79	34.70

802.11ax HEW20_Nss1,(MCS0)_1TX

6515MHz_TnomVnom

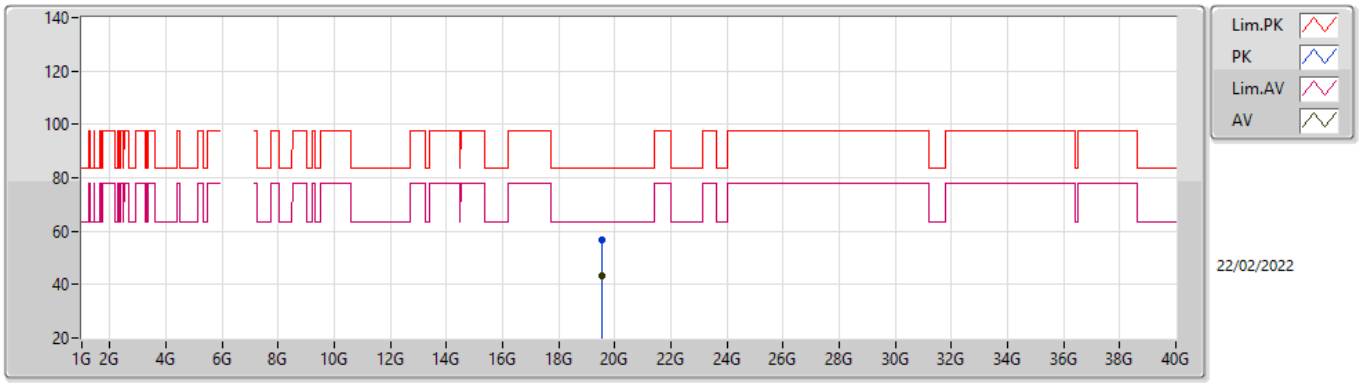


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.03416G	58.98	88.20	-29.22	45.19	3	Horizontal	52	2.19	-	39.70	8.79	34.70
RMS	13.03104G	45.42	68.20	-22.78	31.63	3	Horizontal	52	2.19	-	39.70	8.79	34.70

802.11ax HEW20_Nss1,(MCS0)_1TX

6515MHz_TnomVnom

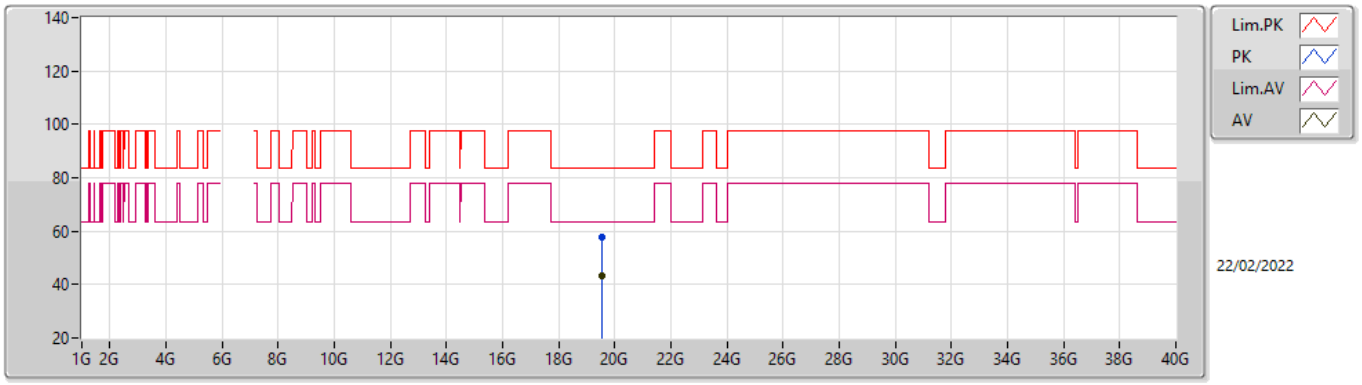


EUT X_1TX
Setting 108
04-D-S-8

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	19.54228G	56.71	83.54	-26.83	53.21	1	Vertical	9	1.60	-	37.88	15.32	49.70
AV	19.54292G	43.07	63.54	-20.47	39.57	1	Vertical	9	1.60	-	37.88	15.32	49.70

802.11ax HEW20_Nss1,(MCS0)_1TX

6515MHz_TnomVnom

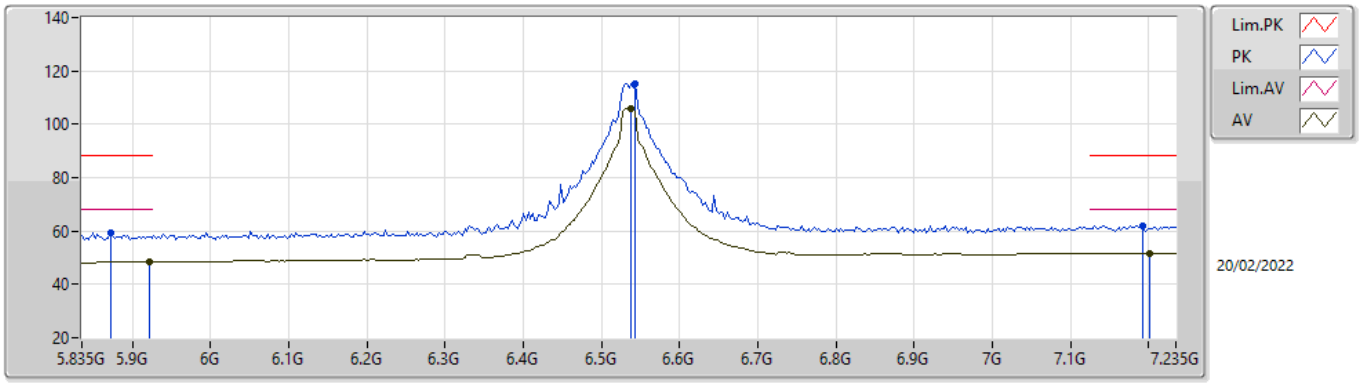


EUT X_1TX
Setting 108
04-D-S-8

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	19.53572G	57.84	83.54	-25.70	54.34	1	Horizontal	318	1.60	-	37.89	15.31	49.70
AV	19.54308G	43.51	63.54	-20.03	40.01	1	Horizontal	318	1.60	-	37.88	15.32	49.70

802.11ax HEW20_Nss1,(MCS0)_1TX

6535MHz_TnomVnom

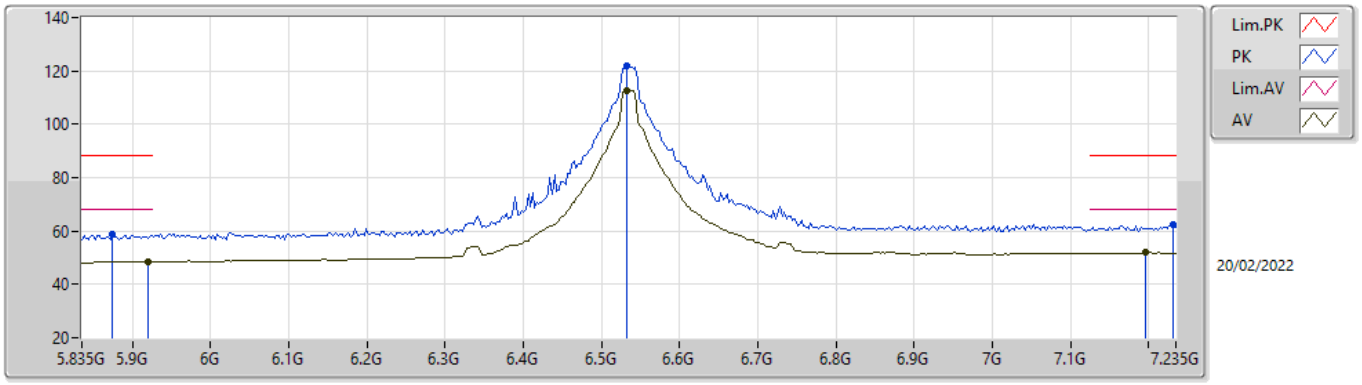


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8714G	59.52	88.20	-28.68	52.67	3	Vertical	38	2.01	-	34.84	5.34	33.33
RMS	5.9218G	48.40	68.20	-19.80	41.36	3	Vertical	38	2.01	-	35.03	5.36	33.35
PK	6.5434G	115.41	Inf	-Inf	106.80	3	Vertical	38	2.01	-	35.97	5.70	33.06
RMS	6.5378G	105.92	Inf	-Inf	97.33	3	Vertical	38	2.01	-	35.95	5.70	33.06
PK	7.193G	61.96	88.20	-26.24	52.21	3	Vertical	38	2.01	-	37.27	6.00	33.52
RMS	7.2014G	51.79	68.20	-16.41	42.02	3	Vertical	38	2.01	-	37.30	6.00	33.53

802.11ax HEW20_Nss1,(MCS0)_1TX

6535MHz_TnomVnom

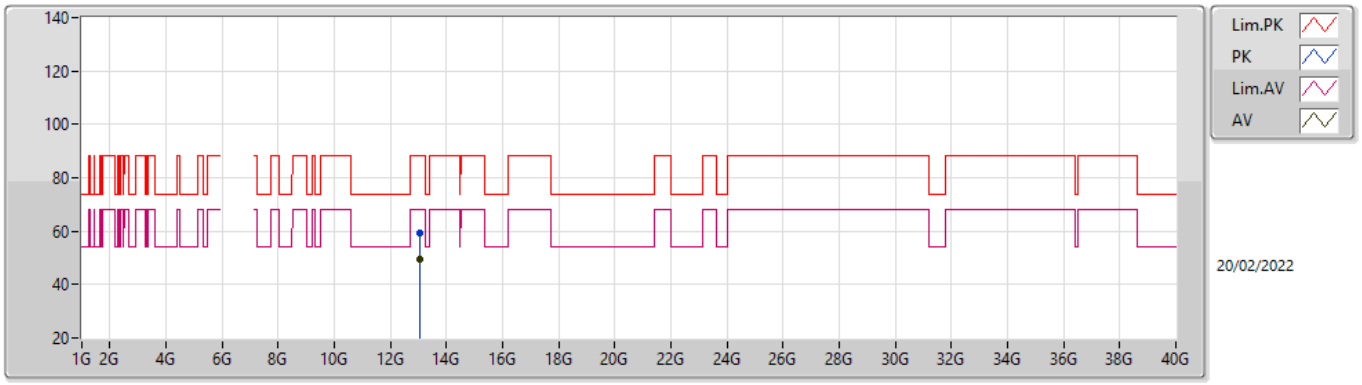


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8742G	58.58	88.20	-29.62	51.72	3	Horizontal	57	1.61	-	34.85	5.34	33.33
RMS	5.919G	48.55	68.20	-19.65	41.53	3	Horizontal	57	1.61	-	35.01	5.36	33.35
PK	6.5322G	121.72	Inf	-Inf	113.15	3	Horizontal	57	1.61	-	35.93	5.70	33.06
RMS	6.5322G	112.73	Inf	-Inf	104.16	3	Horizontal	57	1.61	-	35.93	5.70	33.06
PK	7.2322G	62.36	88.20	-25.84	52.55	3	Horizontal	57	1.61	-	37.36	6.02	33.57
RMS	7.1958G	51.95	68.20	-16.25	42.19	3	Horizontal	57	1.61	-	37.28	6.00	33.52

802.11ax HEW20_Nss1,(MCS0)_1TX

6535MHz_TnomVnom

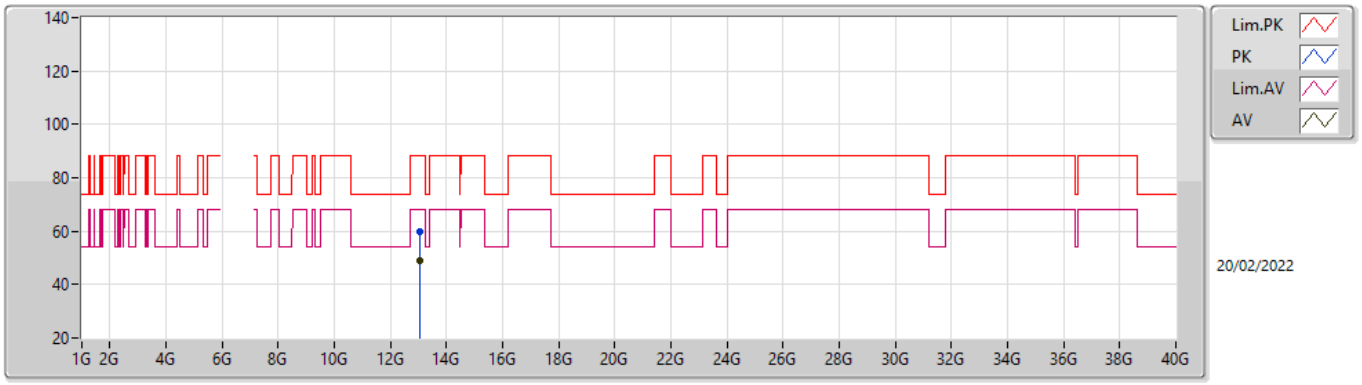


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.0704G	59.45	88.20	-28.75	45.66	3	Vertical	44	1.35	-	39.70	8.79	34.70
RMS	13.07136G	49.36	68.20	-18.84	35.57	3	Vertical	44	1.35	-	39.70	8.79	34.70

802.11ax HEW20_Nss1,(MCS0)_1TX

6535MHz_TnomVnom

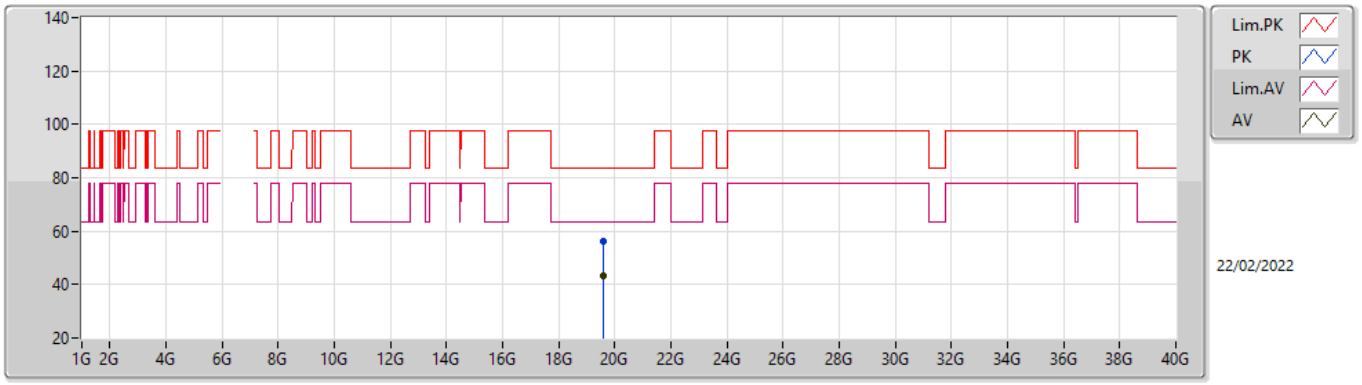


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.07072G	59.94	88.20	-28.26	46.15	3	Horizontal	49	2.17	-	39.70	8.79	34.70
RMS	13.07024G	49.13	68.20	-19.07	35.34	3	Horizontal	49	2.17	-	39.70	8.79	34.70

802.11ax HEW20_Nss1,(MCS0)_1TX

6535MHz_TnomVnom

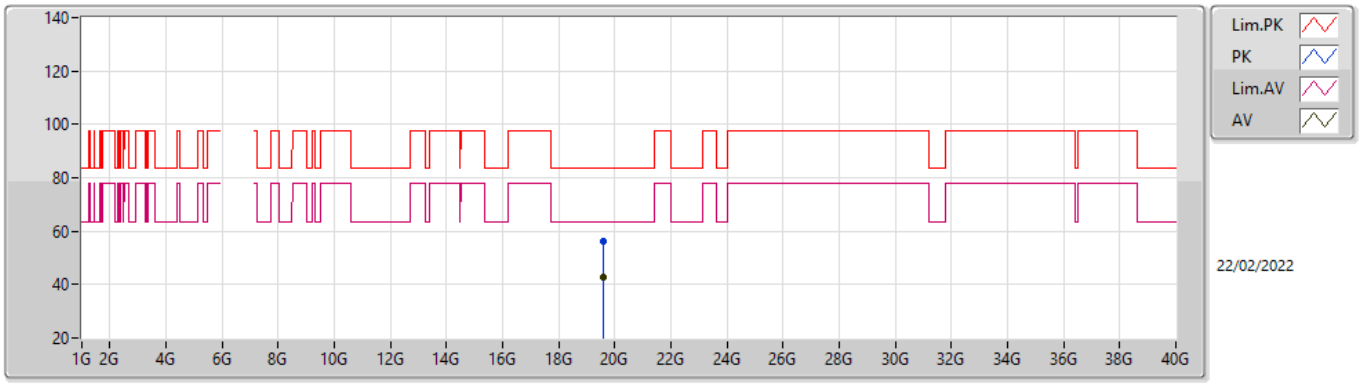


EUT X_1TX
Setting 108
04-D-S-8

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	19.6042G	56.38	83.54	-27.16	52.88	1	Vertical	32	1.60	-	37.86	15.34	49.70
AV	19.60116G	43.35	63.54	-20.19	39.85	1	Vertical	32	1.60	-	37.86	15.34	49.70

802.11ax HEW20_Nss1,(MCS0)_1TX

6535MHz_TnomVnom

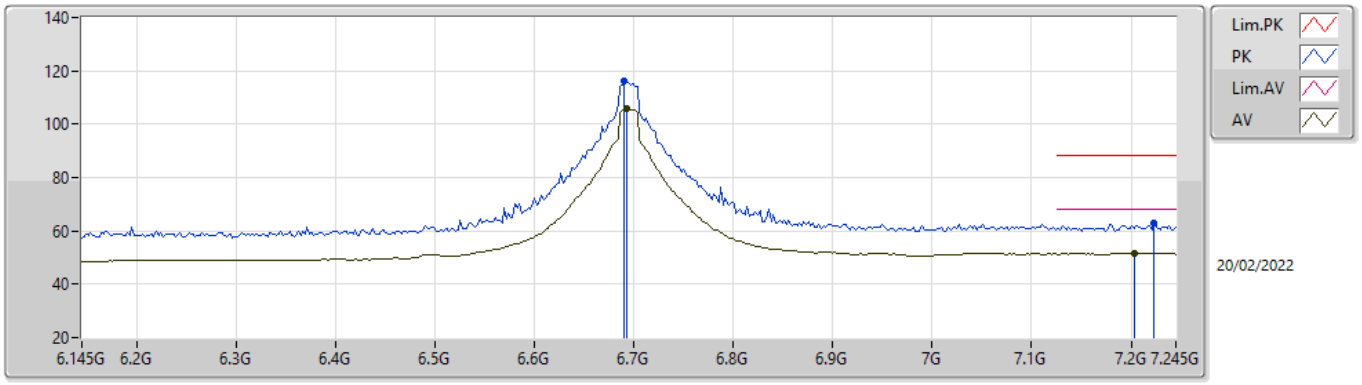


EUT X_1TX
Setting 108
04-D-S-8

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	19.59876G	56.38	83.54	-27.16	52.88	1	Horizontal	5	1.60	-	37.86	15.34	49.70
AV	19.601G	43.01	63.54	-20.53	39.51	1	Horizontal	5	1.60	-	37.86	15.34	49.70

802.11ax HEW20_Nss1,(MCS0)_1TX

6695MHz_TnomVnom

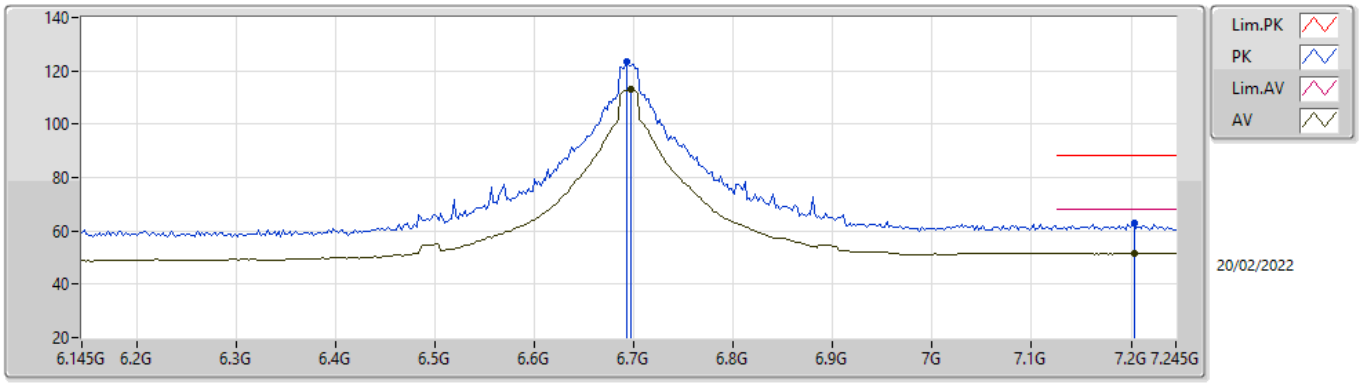


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.6906G	116.04	Inf	-Inf	107.28	3	Vertical	40	1.94	-	36.20	5.70	33.14
RMS	6.6928G	105.90	Inf	-Inf	97.14	3	Vertical	40	1.94	-	36.20	5.70	33.14
PK	7.223G	62.69	88.20	-25.51	52.89	3	Vertical	40	1.94	-	37.35	6.01	33.56
RMS	7.2032G	51.56	68.20	-16.64	41.78	3	Vertical	40	1.94	-	37.31	6.00	33.53

802.11ax HEW20_Nss1,(MCS0)_1TX

6695MHz_TnomVnom

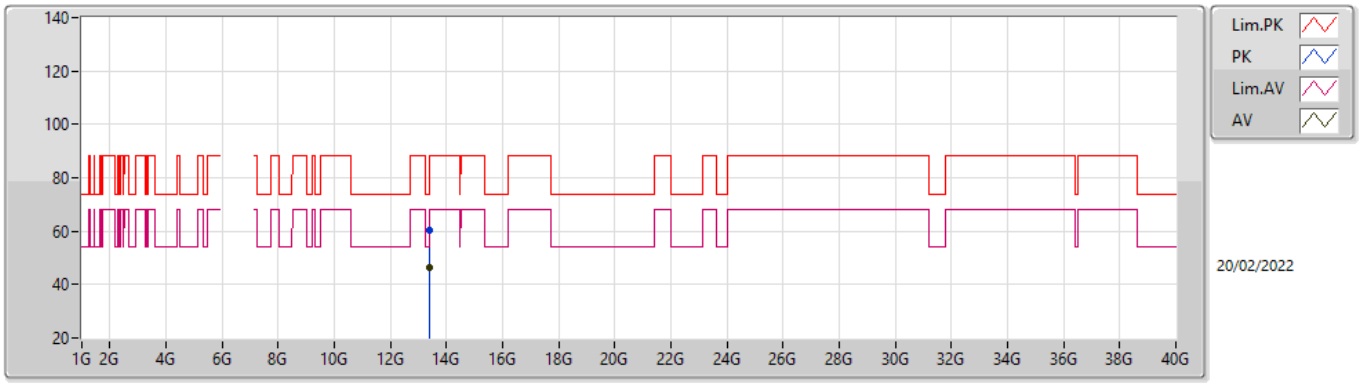


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.6928G	123.34	Inf	-Inf	114.58	3	Horizontal	56	2.22	-	36.20	5.70	33.14
RMS	6.6972G	112.85	Inf	-Inf	104.09	3	Horizontal	56	2.22	-	36.20	5.70	33.14
PK	7.2032G	62.74	88.20	-25.46	52.96	3	Horizontal	56	2.22	-	37.31	6.00	33.53
RMS	7.2032G	51.64	68.20	-16.56	41.86	3	Horizontal	56	2.22	-	37.31	6.00	33.53

802.11ax HEW20_Nss1,(MCS0)_1TX

6695MHz_TnomVnom

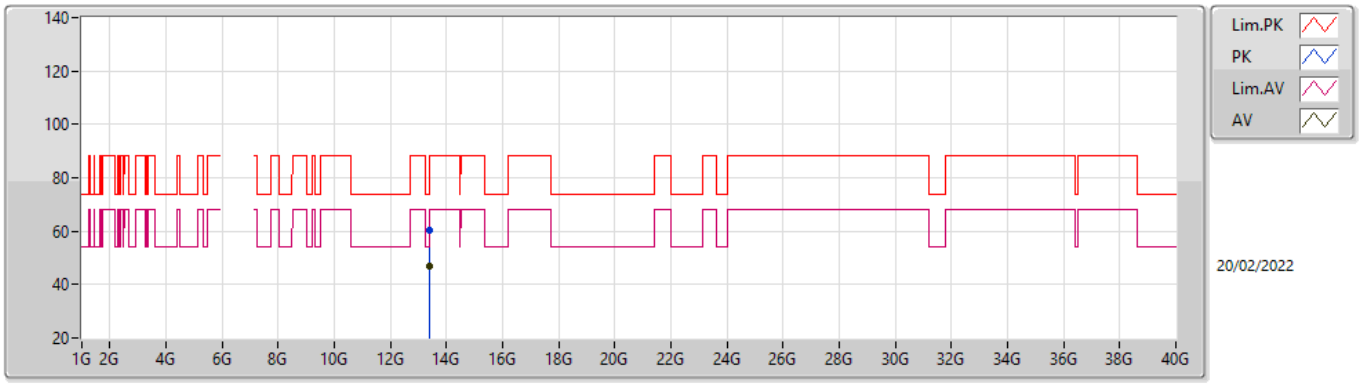


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.39552G	60.12	74.00	-13.88	45.93	3	Vertical	40	1.05	-	40.19	8.72	34.72
AV	13.38872G	46.13	54.00	-7.87	31.95	3	Vertical	40	1.05	-	40.18	8.72	34.72

802.11ax HEW20_Nss1,(MCS0)_1TX

6695MHz_TnomVnom

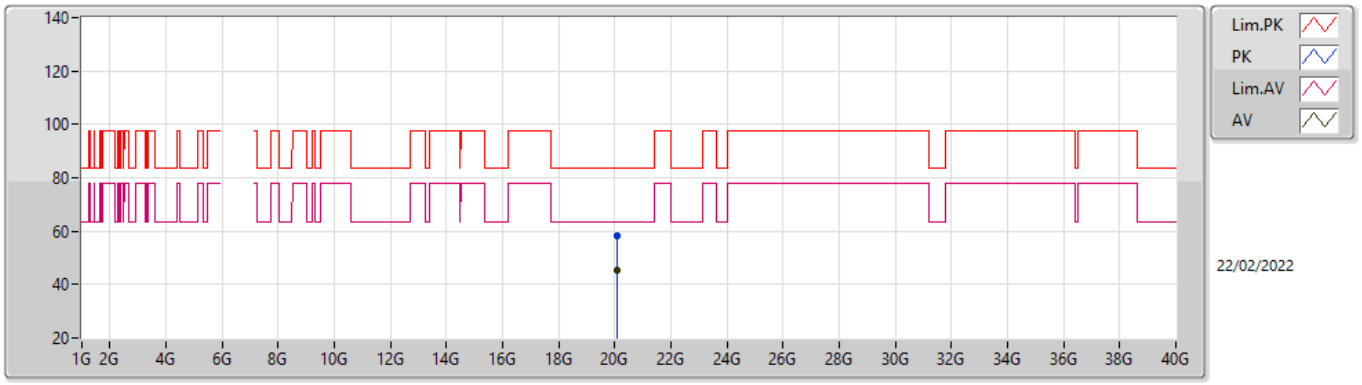


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.38744G	60.31	74.00	-13.69	46.14	3	Horizontal	69	2.71	-	40.17	8.72	34.72
AV	13.38864G	46.93	54.00	-7.07	32.75	3	Horizontal	69	2.71	-	40.18	8.72	34.72

802.11ax HEW20_Nss1,(MCS0)_1TX

6695MHz_TnomVnom

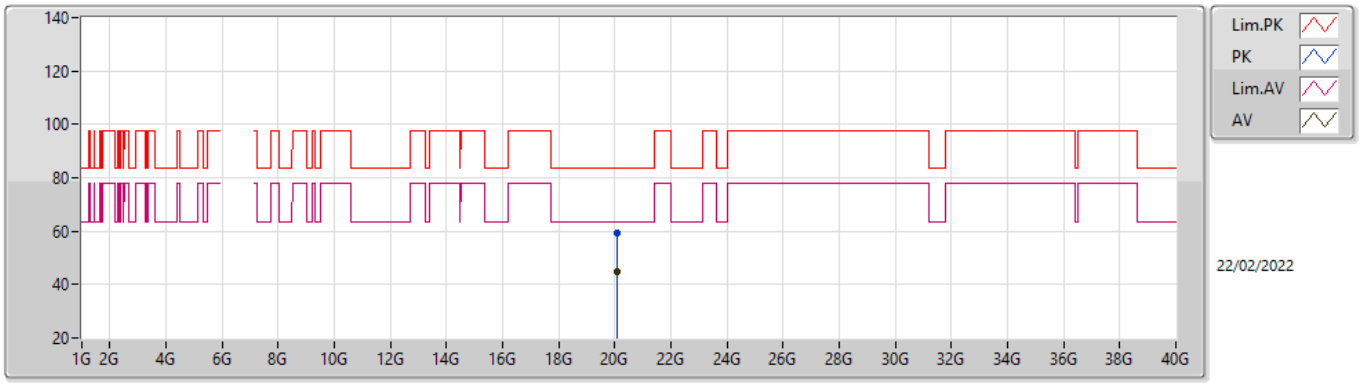


EUT X_1TX
Setting 108
04-D-S-8

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	20.07588G	58.42	83.54	-25.12	55.16	1	Vertical	352	1.60	-	37.46	15.53	49.73
AV	20.08468G	45.13	63.54	-18.41	41.85	1	Vertical	352	1.60	-	37.47	15.54	49.73

802.11ax HEW20_Nss1,(MCS0)_1TX

6695MHz_TnomVnom

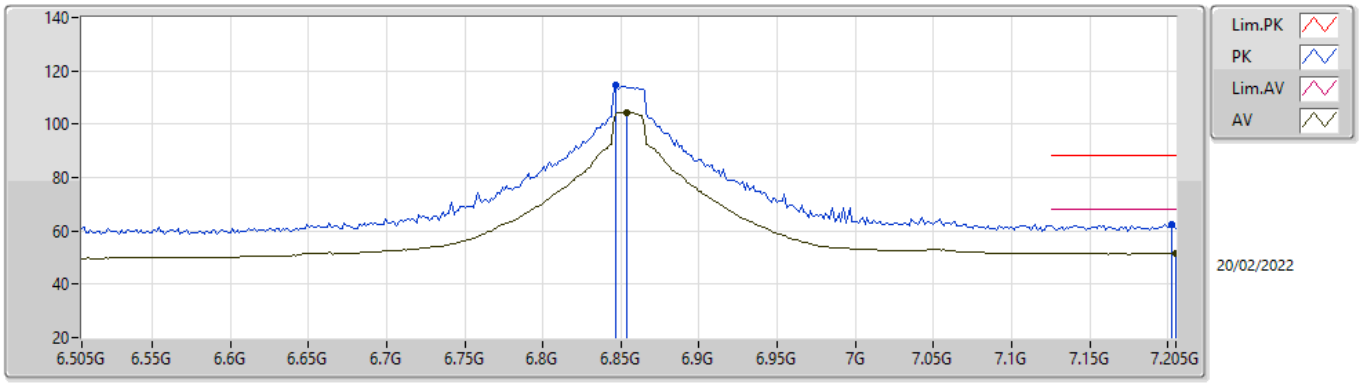


EUT X_1TX
Setting 108
04-D-S-8

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	20.0882G	59.15	83.54	-24.39	55.88	1	Horizontal	36	1.60	-	37.47	15.54	49.74
AV	20.08484G	44.97	63.54	-18.57	41.69	1	Horizontal	36	1.60	-	37.47	15.54	49.73

802.11ax HEW20_Nss1,(MCS0)_1TX

6855MHz_TnomVnom

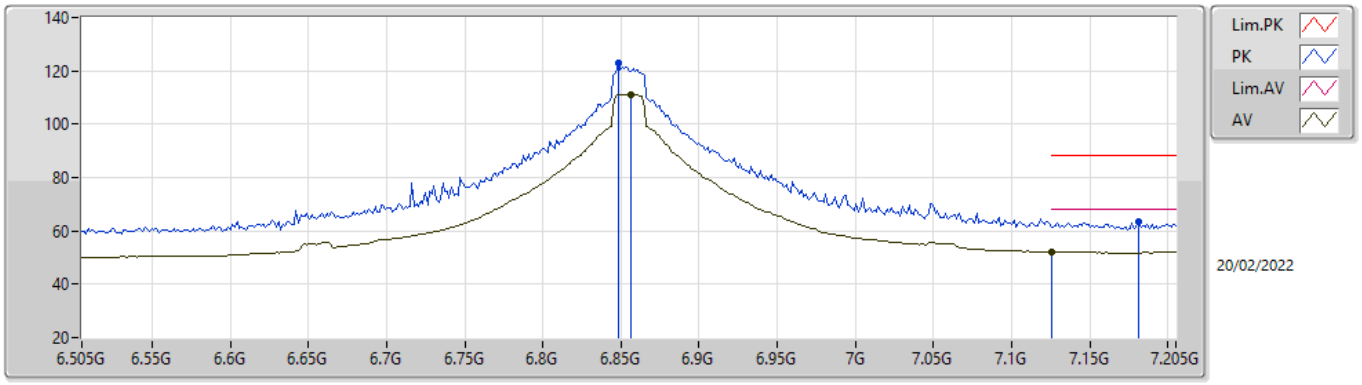


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8466G	114.84	Inf	-Inf	105.72	3	Vertical	84	1.80	-	36.58	5.75	33.21
RMS	6.8536G	104.49	Inf	-Inf	95.37	3	Vertical	84	1.80	-	36.59	5.75	33.22
PK	7.2022G	62.38	88.20	-25.82	52.61	3	Vertical	84	1.80	-	37.30	6.00	33.53
RMS	7.205G	51.69	68.20	-16.51	41.92	3	Vertical	84	1.80	-	37.31	6.00	33.54

802.11ax HEW20_Nss1,(MCS0)_1TX

6855MHz_TnomVnom

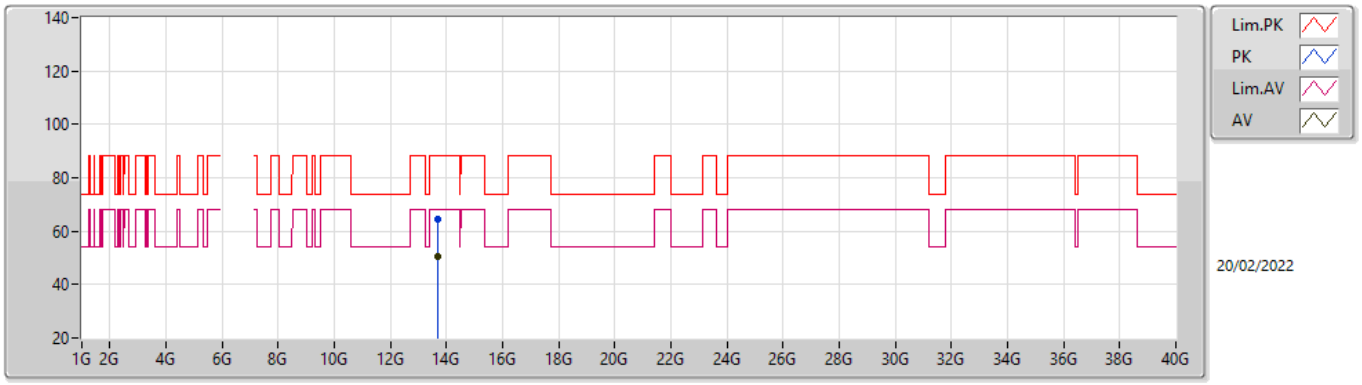


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.848G	123.06	Inf	-Inf	113.93	3	Horizontal	60	1.54	-	36.59	5.75	33.21
RMS	6.8564G	111.17	Inf	-Inf	102.06	3	Horizontal	60	1.54	-	36.57	5.76	33.22
PK	7.1812G	63.44	88.20	-24.76	53.74	3	Horizontal	60	1.54	-	37.22	5.99	33.51
RMS	7.1252G	52.12	68.20	-16.08	42.70	3	Horizontal	60	1.54	-	36.90	5.96	33.44

802.11ax HEW20_Nss1,(MCS0)_1TX

6855MHz_TnomVnom

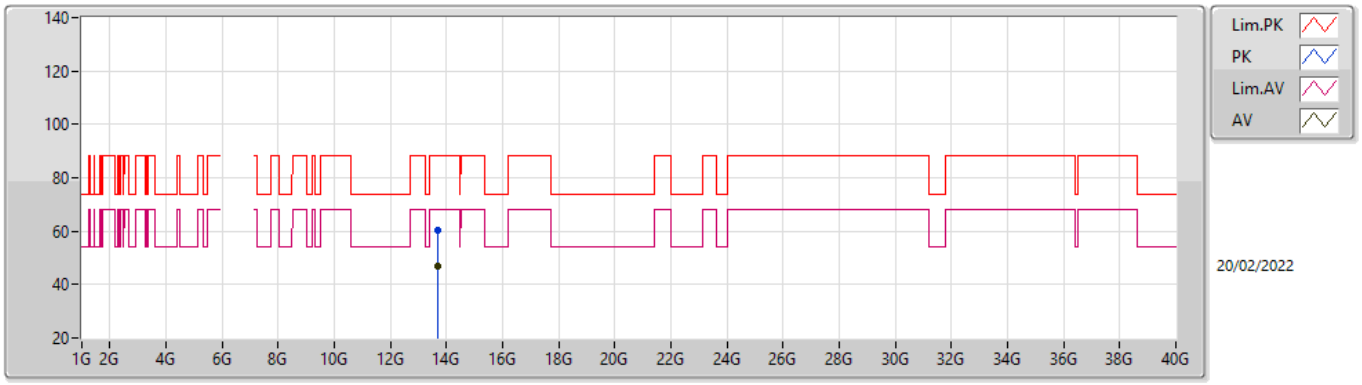


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.70656G	64.70	88.20	-23.50	50.44	3	Vertical	356	1.02	-	40.41	8.66	34.81
RMS	13.70872G	50.55	68.20	-17.65	36.29	3	Vertical	356	1.02	-	40.41	8.66	34.81

802.11ax HEW20_Nss1,(MCS0)_1TX

6855MHz_TnomVnom

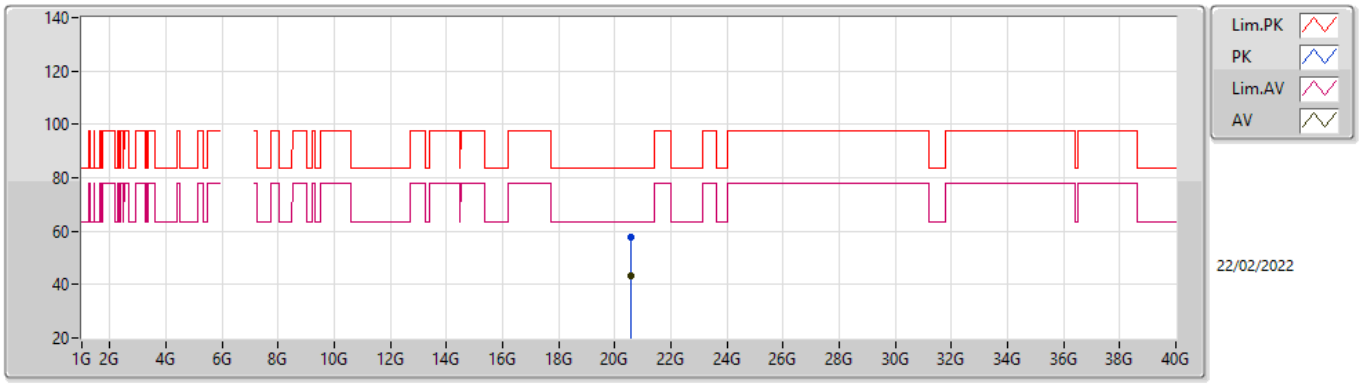


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.70136G	60.45	88.20	-27.75	46.19	3	Horizontal	338	1.80	-	40.40	8.66	34.80
RMS	13.70968G	46.98	68.20	-21.22	32.72	3	Horizontal	338	1.80	-	40.41	8.66	34.81

802.11ax HEW20_Nss1,(MCS0)_1TX

6855MHz_TnomVnom

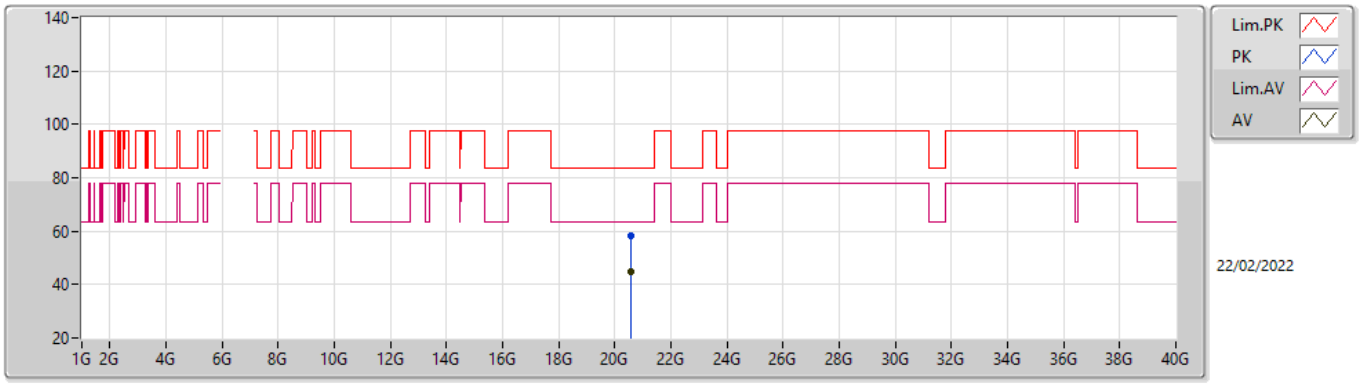


EUT X_1TX
Setting 108
04-D-S-8

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	20.56596G	57.74	83.54	-25.80	54.08	1	Vertical	330	1.60	-	37.78	15.75	49.87
AV	20.56596G	43.47	63.54	-20.07	39.81	1	Vertical	330	1.60	-	37.78	15.75	49.87

802.11ax HEW20_Nss1,(MCS0)_1TX

6855MHz_TnomVnom

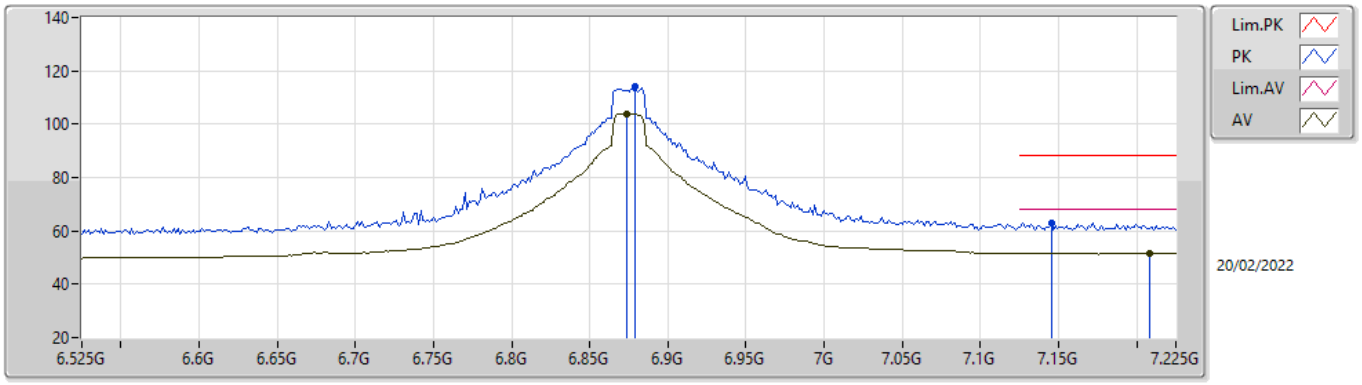


EUT X_1TX
Setting 108
04-D-S-8

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	20.56212G	58.51	83.54	-25.03	54.87	1	Horizontal	314	1.59	-	37.77	15.75	49.88
AV	20.56372G	44.94	63.54	-18.60	41.28	1	Horizontal	314	1.59	-	37.78	15.75	49.87

802.11ax HEW20_Nss1,(MCS0)_1TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

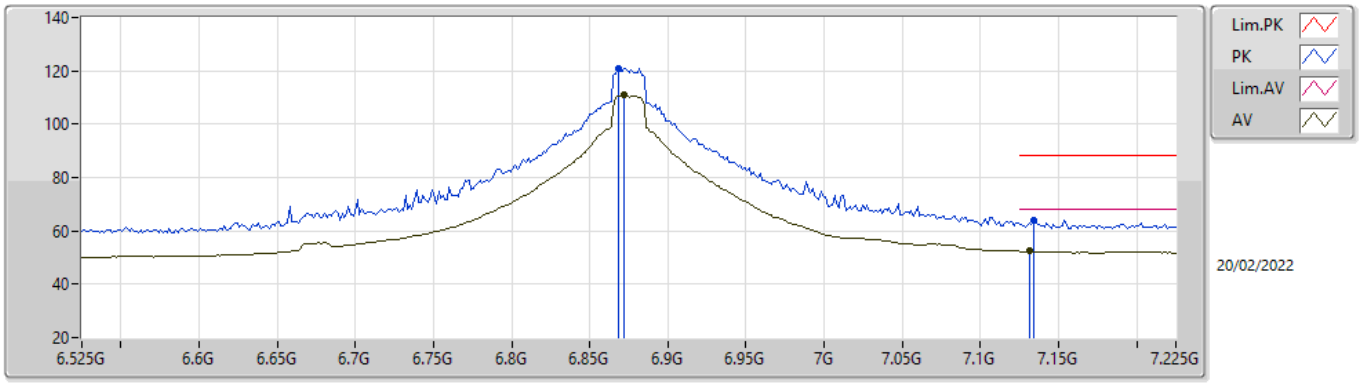


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8792G	113.95	Inf	-Inf	104.92	3	Vertical	84	1.77	-	36.48	5.78	33.23
RMS	6.8736G	104.04	Inf	-Inf	94.99	3	Vertical	84	1.77	-	36.51	5.77	33.23
PK	7.1452G	62.90	88.20	-25.30	53.33	3	Vertical	84	1.77	-	37.06	5.97	33.46
RMS	7.2082G	51.67	68.20	-16.53	41.89	3	Vertical	84	1.77	-	37.32	6.00	33.54

802.11ax HEW20_Nss1,(MCS0)_1TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

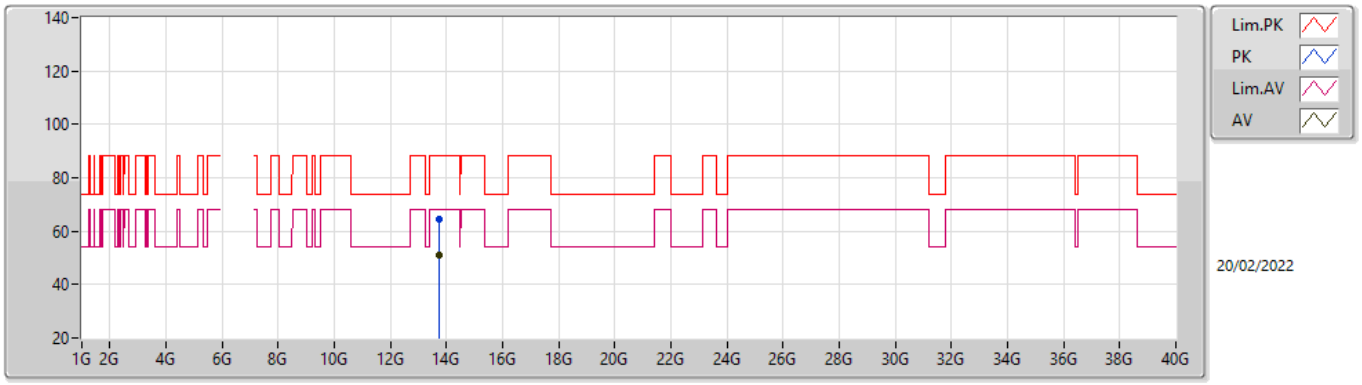


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.868G	121.12	Inf	-Inf	112.04	3	Horizontal	60	1.36	-	36.53	5.77	33.22
RMS	6.8722G	110.84	Inf	-Inf	101.79	3	Horizontal	60	1.36	-	36.51	5.77	33.23
PK	7.134G	64.03	88.20	-24.17	54.54	3	Horizontal	60	1.36	-	36.97	5.97	33.45
RMS	7.1312G	52.33	68.20	-15.87	42.86	3	Horizontal	60	1.36	-	36.95	5.97	33.45

802.11ax HEW20_Nss1,(MCS0)_1TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

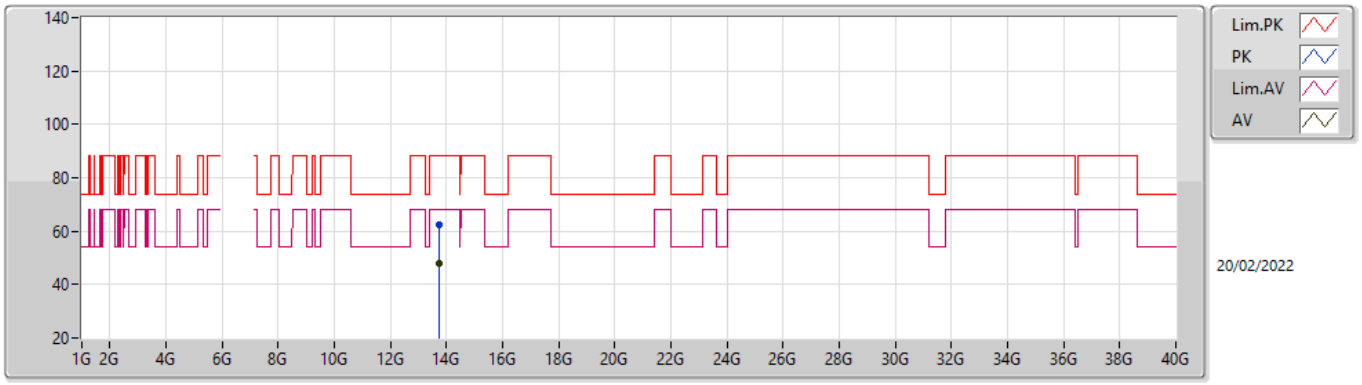


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.75576G	64.55	88.20	-23.65	50.27	3	Vertical	356	1.02	-	40.46	8.65	34.83
RMS	13.74888G	50.83	68.20	-17.37	36.55	3	Vertical	356	1.02	-	40.45	8.65	34.82

802.11ax HEW20_Nss1,(MCS0)_1TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

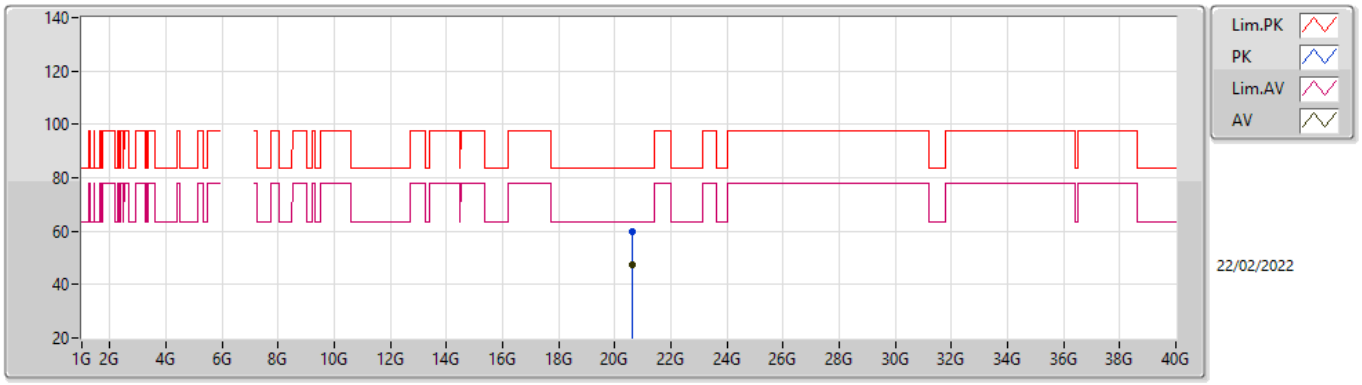


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.74848G	62.38	88.20	-25.82	48.10	3	Horizontal	340	1.83	-	40.45	8.65	34.82
RMS	13.75096G	48.00	68.20	-20.20	33.73	3	Horizontal	340	1.83	-	40.45	8.65	34.83

802.11ax HEW20_Nss1,(MCS0)_1TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

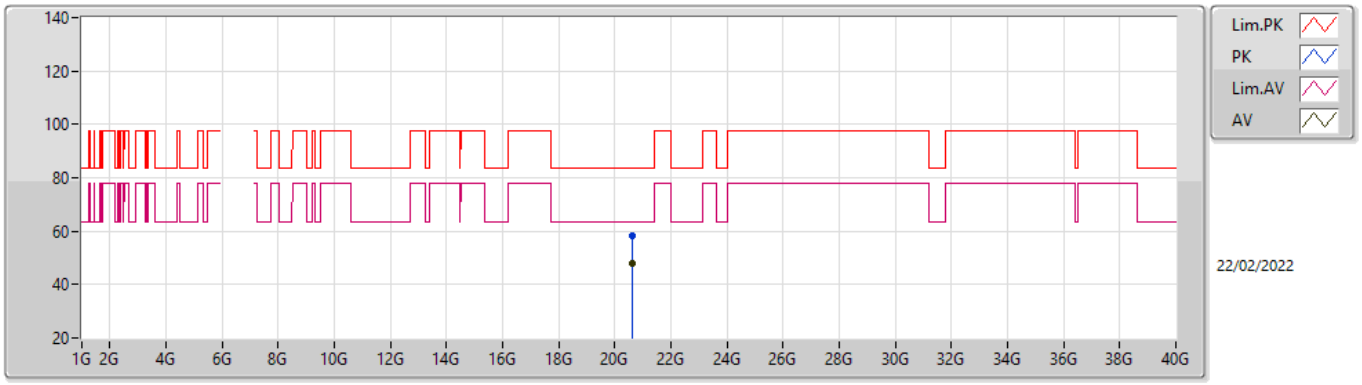


EUT X_1TX
Setting 108
04-D-S-8

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	20.62116G	59.57	83.54	-23.97	55.79	1	Vertical	332	1.60	-	37.85	15.78	49.85
AV	20.62388G	47.37	63.54	-16.17	43.59	1	Vertical	332	1.60	-	37.85	15.78	49.85

802.11ax HEW20_Nss1,(MCS0)_1TX

6875MHz Straddle 6.525-6.875GHz_TnomVnom

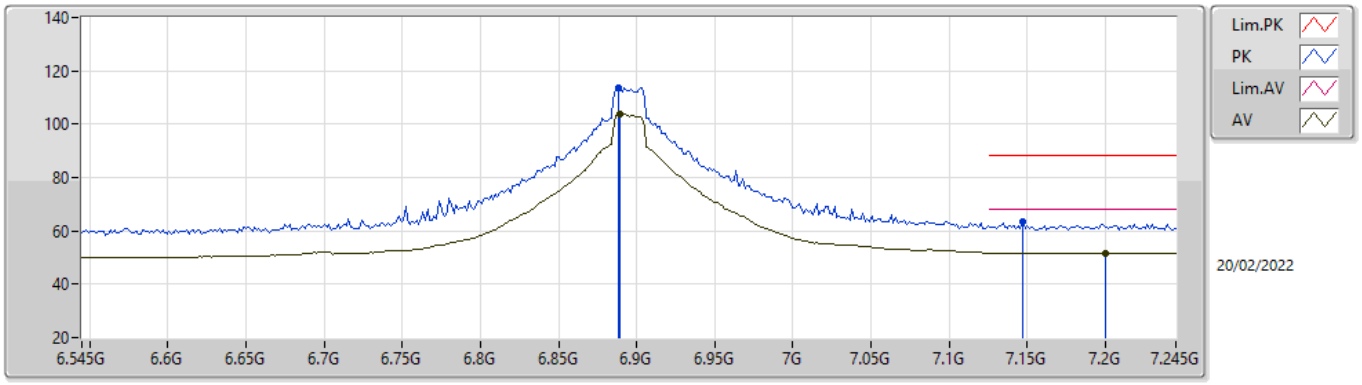


EUT X_1TX
Setting 108
04-D-S-8

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	20.6154G	58.30	83.54	-25.24	54.53	1	Horizontal	313	1.60	-	37.84	15.78	49.85
AV	20.6234G	47.83	63.54	-15.71	44.05	1	Horizontal	313	1.60	-	37.85	15.78	49.85

802.11ax HEW20_Nss1,(MCS0)_1TX

6895MHz_TnomVnom

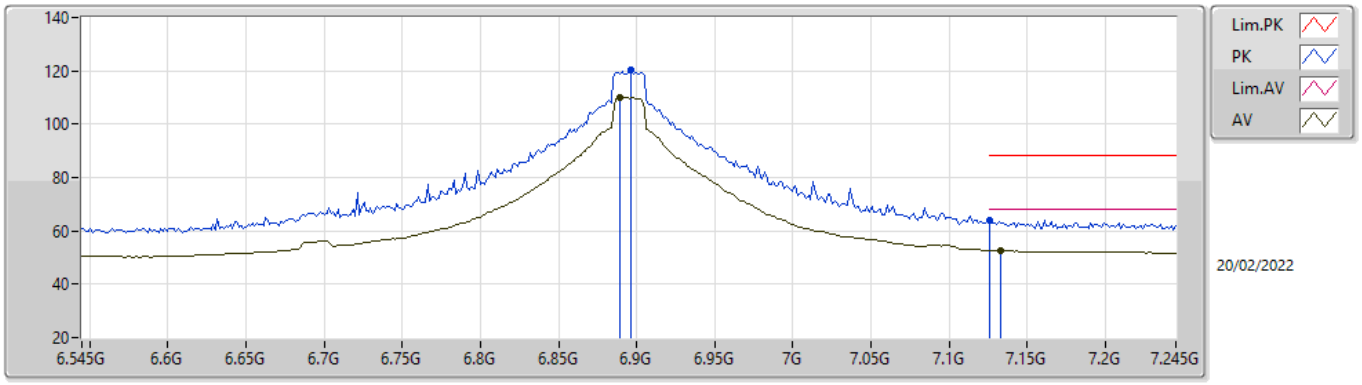


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.888G	113.58	Inf	-Inf	104.57	3	Vertical	86	1.74	-	36.45	5.79	33.23
RMS	6.8894G	103.86	Inf	-Inf	94.86	3	Vertical	86	1.74	-	36.44	5.79	33.23
PK	7.147G	63.37	88.20	-24.83	53.79	3	Vertical	86	1.74	-	37.08	5.97	33.47
RMS	7.2002G	51.76	68.20	-16.44	41.99	3	Vertical	86	1.74	-	37.30	6.00	33.53

802.11ax HEW20_Nss1,(MCS0)_1TX

6895MHz_TnomVnom

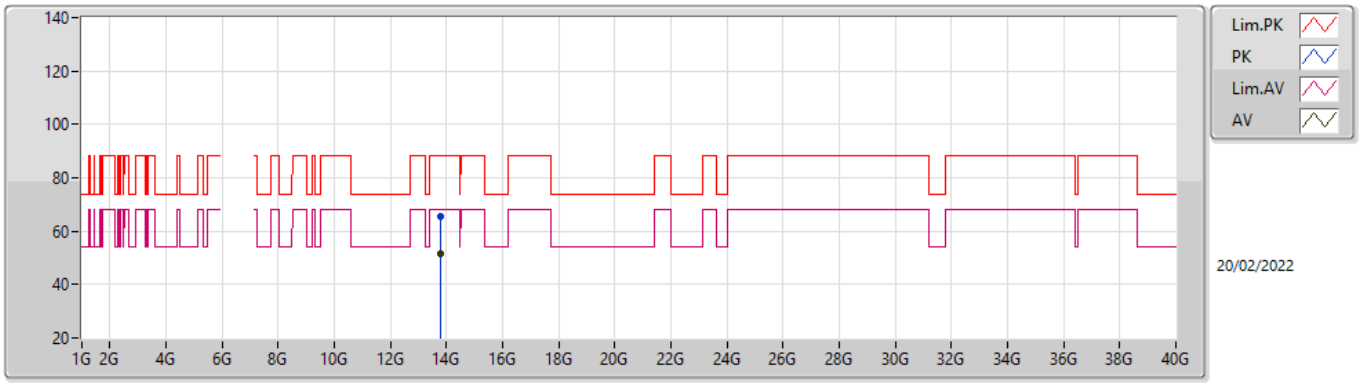


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8964G	120.54	Inf	-Inf	111.57	3	Horizontal	59	1.58	-	36.41	5.80	33.24
RMS	6.8894G	110.16	Inf	-Inf	101.16	3	Horizontal	59	1.58	-	36.44	5.79	33.23
PK	7.126G	63.93	88.20	-24.27	54.50	3	Horizontal	59	1.58	-	36.91	5.96	33.44
RMS	7.133G	52.59	68.20	-15.61	43.11	3	Horizontal	59	1.58	-	36.96	5.97	33.45

802.11ax HEW20_Nss1,(MCS0)_1TX

6895MHz_TnomVnom

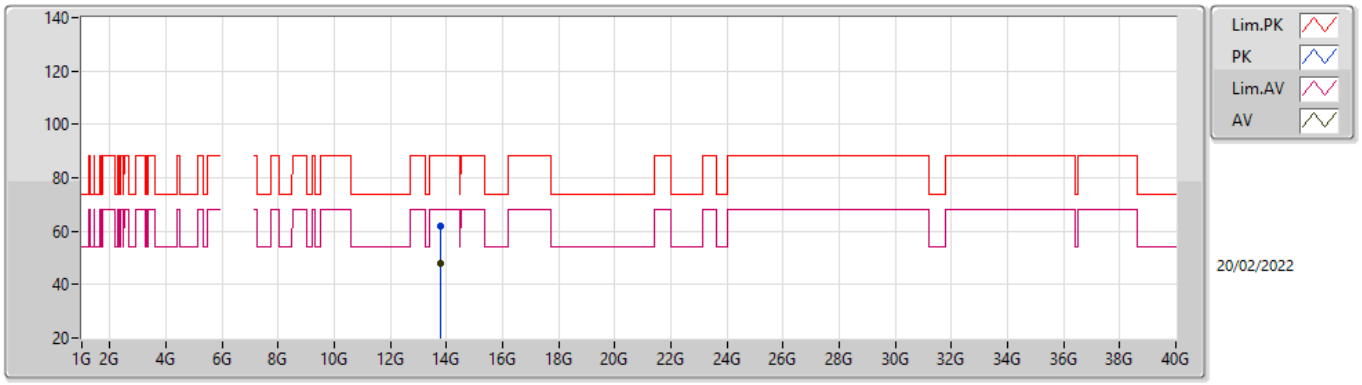


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.79336G	65.55	88.20	-22.65	51.26	3	Vertical	51	1.32	-	40.49	8.64	34.84
RMS	13.79128G	51.42	68.20	-16.78	37.13	3	Vertical	51	1.32	-	40.49	8.64	34.84

802.11ax HEW20_Nss1,(MCS0)_1TX

6895MHz_TnomVnom

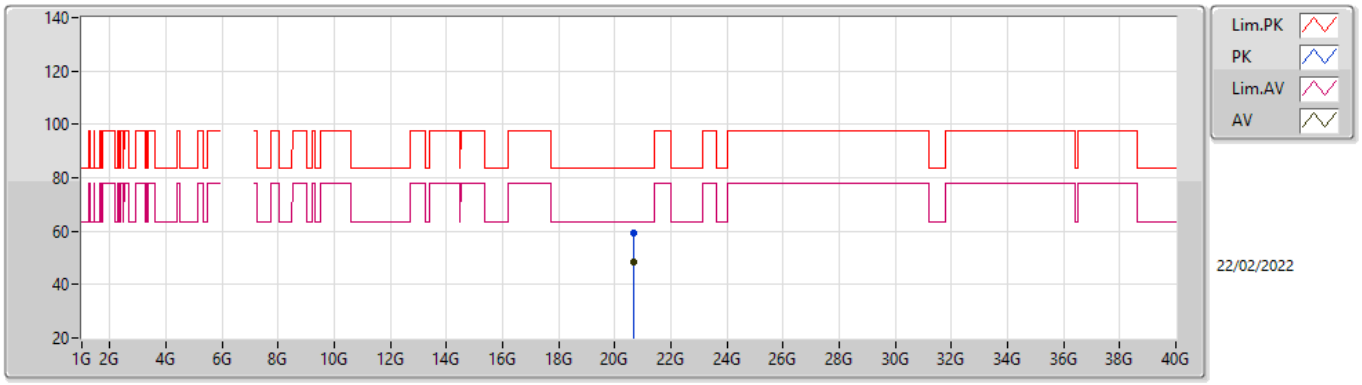


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.79368G	61.77	88.20	-26.43	47.48	3	Horizontal	342	1.84	-	40.49	8.64	34.84
RMS	13.79112G	47.88	68.20	-20.32	33.59	3	Horizontal	342	1.84	-	40.49	8.64	34.84

802.11ax HEW20_Nss1,(MCS0)_1TX

6895MHz_TnomVnom

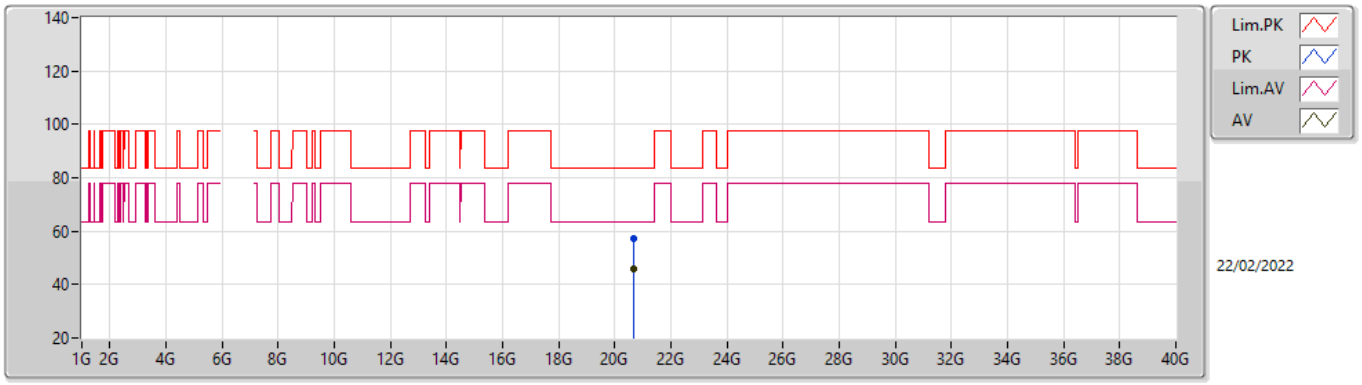


EUT X_1TX
Setting 108
04-D-S-8

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	20.68244G	59.07	83.54	-24.47	55.17	1	Vertical	24	1.60	-	37.92	15.81	49.83
AV	20.68436G	48.37	63.54	-15.17	44.47	1	Vertical	24	1.60	-	37.92	15.81	49.83

802.11ax HEW20_Nss1,(MCS0)_1TX

6895MHz_TnomVnom

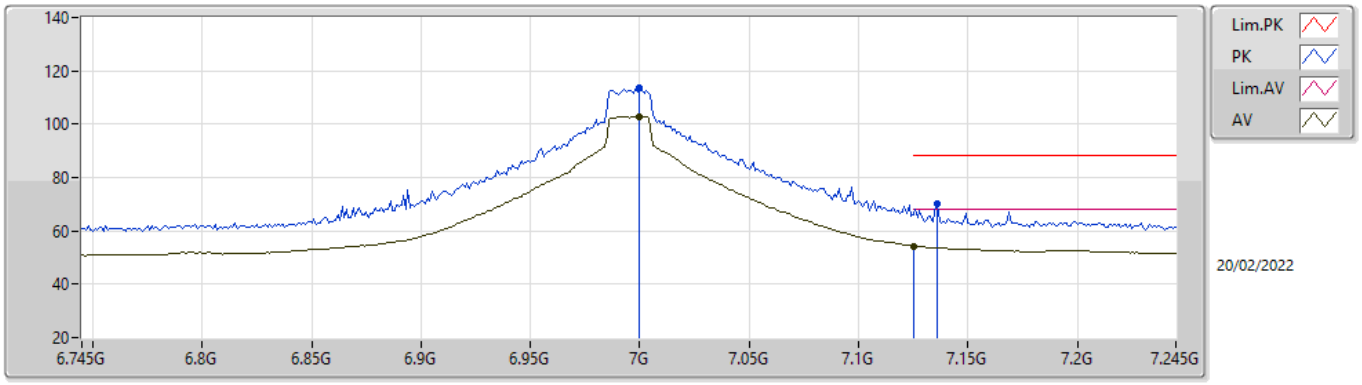


EUT X_1TX
Setting 108
04-D-S-8

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	20.68724G	57.13	83.54	-26.41	53.23	1	Horizontal	26	1.60	-	37.92	15.81	49.83
AV	20.68468G	45.75	63.54	-17.79	41.85	1	Horizontal	26	1.60	-	37.92	15.81	49.83

802.11ax HEW20_Nss1,(MCS0)_1TX

6995MHz_TnomVnom

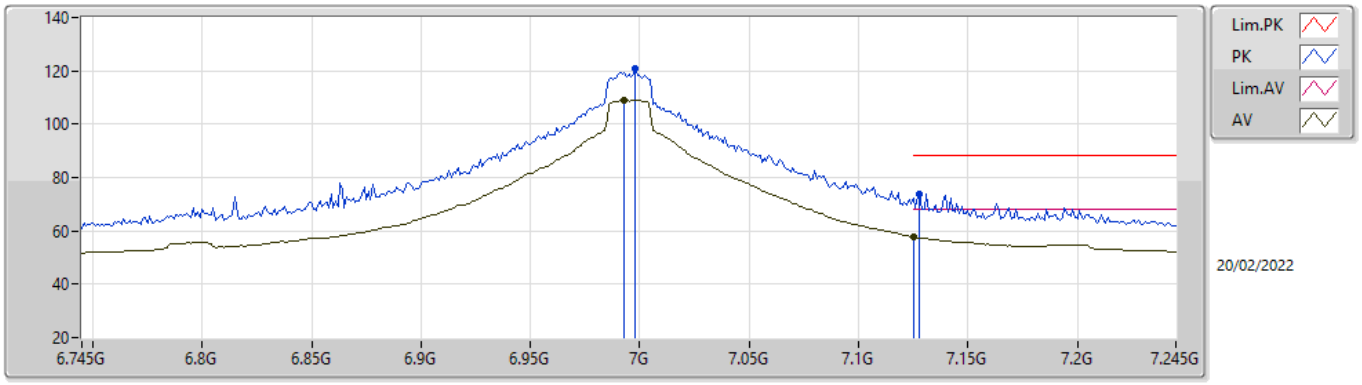


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7G	113.73	Inf	-Inf	104.52	3	Vertical	87	1.68	-	36.60	5.90	33.29
RMS	7G	102.96	Inf	-Inf	93.75	3	Vertical	87	1.68	-	36.60	5.90	33.29
PK	7.136G	70.15	88.20	-18.05	60.64	3	Vertical	87	1.68	-	36.99	5.97	33.45
RMS	7.125G	54.32	68.20	-13.88	44.90	3	Vertical	87	1.68	-	36.90	5.96	33.44

802.11ax HEW20_Nss1,(MCS0)_1TX

6995MHz_TnomVnom

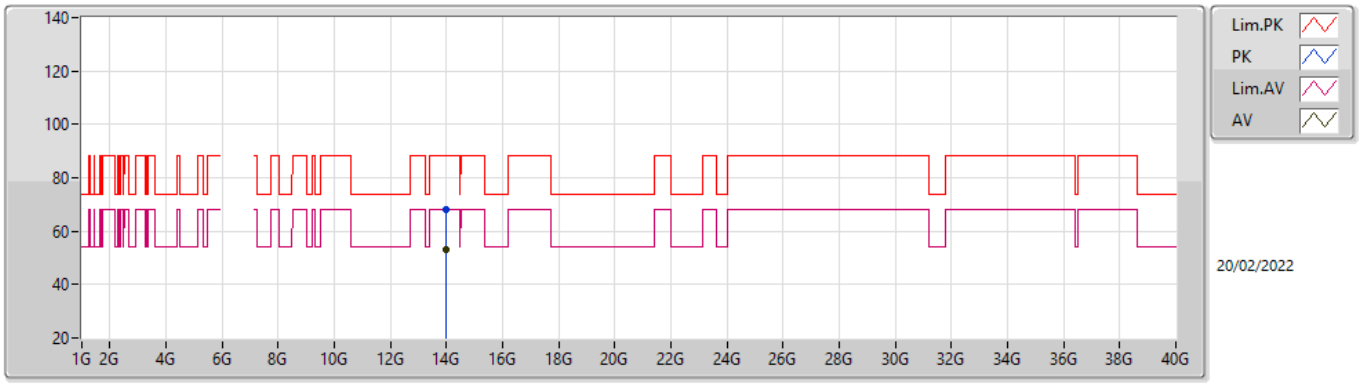


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.998G	121.02	Inf	-Inf	111.80	3	Horizontal	61	1.44	-	36.61	5.90	33.29
RMS	6.993G	109.10	Inf	-Inf	99.87	3	Horizontal	61	1.44	-	36.63	5.89	33.29
PK	7.128G	73.57	88.20	-14.63	64.13	3	Horizontal	61	1.44	-	36.92	5.96	33.44
RMS	7.125G	57.66	68.20	-10.54	48.24	3	Horizontal	61	1.44	-	36.90	5.96	33.44

802.11ax HEW20_Nss1,(MCS0)_1TX

6995MHz_TnomVnom

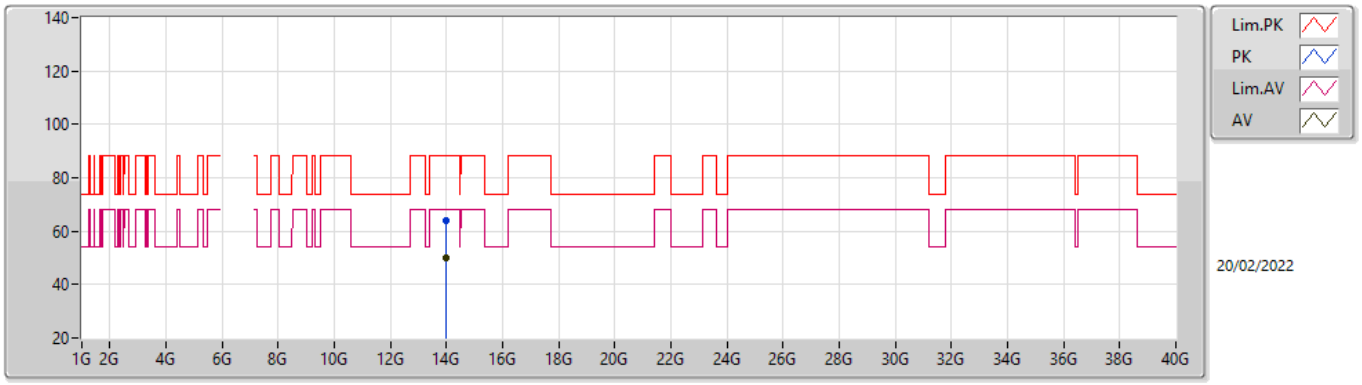


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.99752G	68.05	88.20	-20.15	53.49	3	Vertical	8	1.83	-	40.89	8.60	34.93
RMS	13.98984G	53.09	68.20	-15.11	38.55	3	Vertical	8	1.83	-	40.87	8.60	34.93

802.11ax HEW20_Nss1,(MCS0)_1TX

6995MHz_TnomVnom

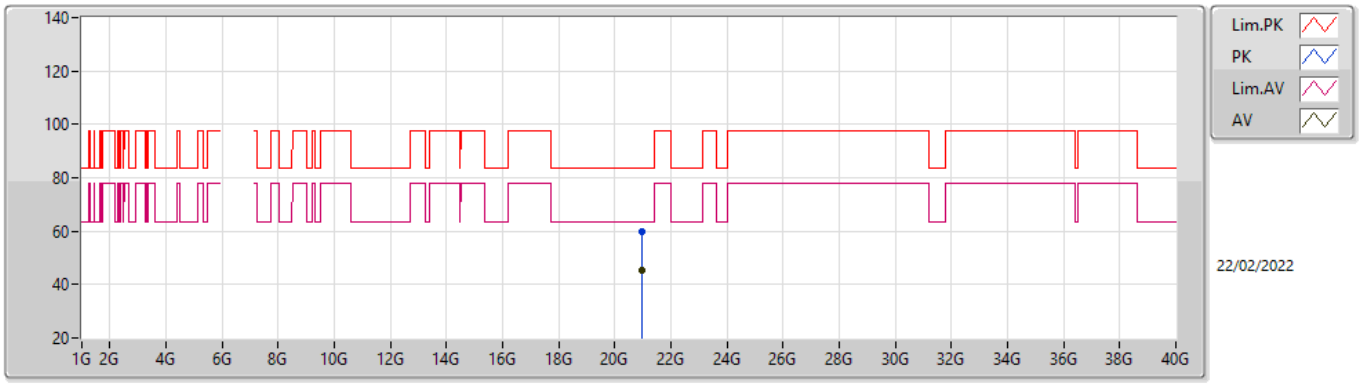


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.99128G	64.10	88.20	-24.10	49.56	3	Horizontal	280	1.80	-	40.87	8.60	34.93
RMS	13.9896G	50.18	68.20	-18.02	35.64	3	Horizontal	280	1.80	-	40.87	8.60	34.93

802.11ax HEW20_Nss1,(MCS0)_1TX

6995MHz_TnomVnom

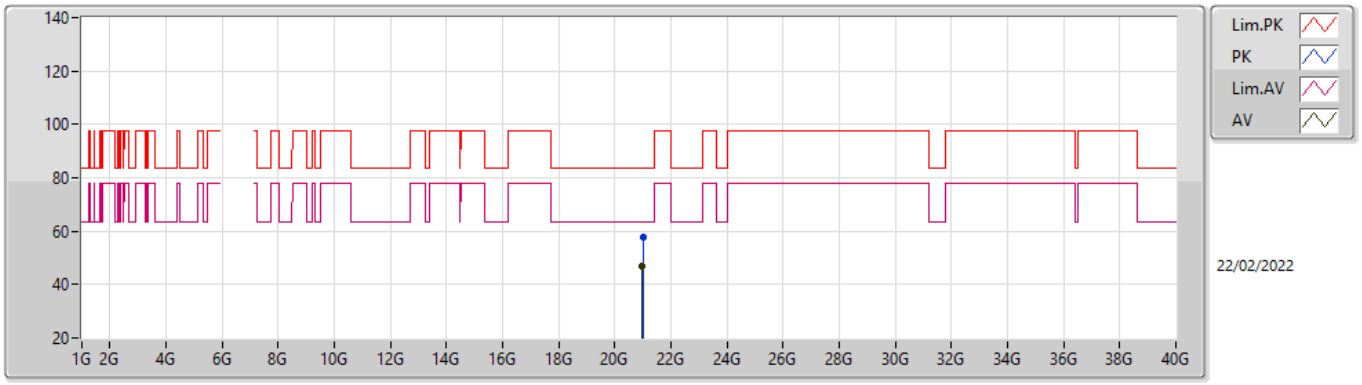


EUT X_1TX
Setting 108
04-D-S-8

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	20.98244G	59.88	83.54	-23.66	56.02	1	Vertical	333	1.64	-	37.63	15.94	49.71
AV	20.98484G	45.37	63.54	-18.17	41.52	1	Vertical	333	1.64	-	37.62	15.94	49.71

802.11ax HEW20_Nss1,(MCS0)_1TX

6995MHz_TnomVnom

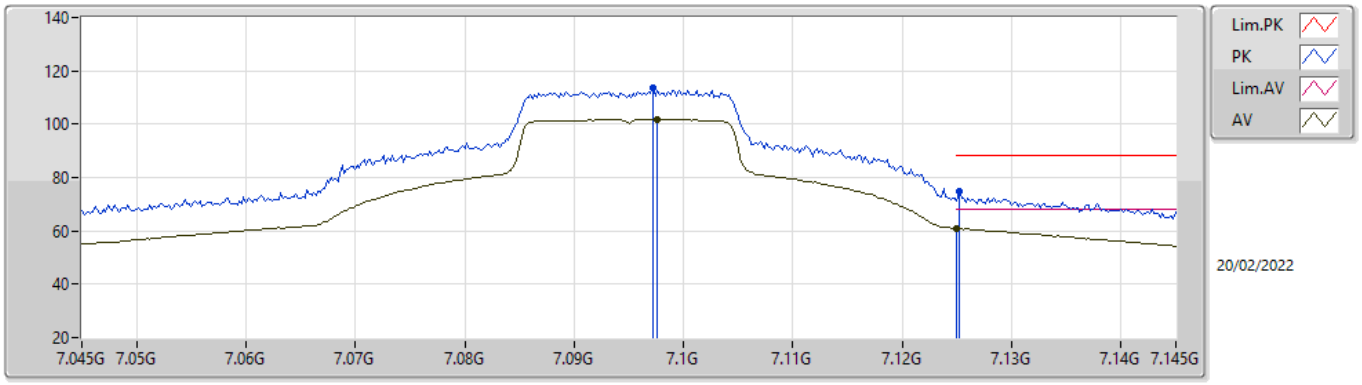


EUT X_1TX
Setting 108
04-D-S-8

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	20.9922G	57.70	83.54	-25.84	53.84	1	Horizontal	29	1.60	-	37.61	15.95	49.70
AV	20.98212G	46.78	63.54	-16.76	42.92	1	Horizontal	29	1.60	-	37.63	15.94	49.71

802.11ax HEW20_Nss1,(MCS0)_1TX

7095MHz_TnomVnom

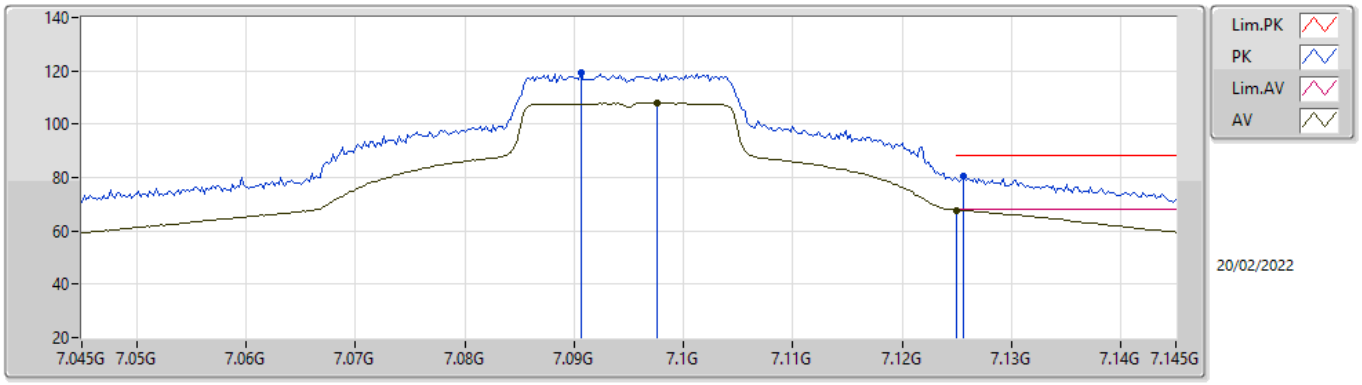


EUT X_1TX
Setting 86
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.0972G	113.47	Inf	-Inf	104.22	3	Vertical	88	1.70	-	36.71	5.95	33.41
RMS	7.0976G	101.81	Inf	-Inf	92.57	3	Vertical	88	1.70	-	36.70	5.95	33.41
PK	7.1252G	74.67	88.20	-13.53	65.25	3	Vertical	88	1.70	-	36.90	5.96	33.44
RMS	7.125G	60.86	68.20	-7.34	51.44	3	Vertical	88	1.70	-	36.90	5.96	33.44

802.11ax HEW20_Nss1,(MCS0)_1TX

7095MHz_TnomVnom

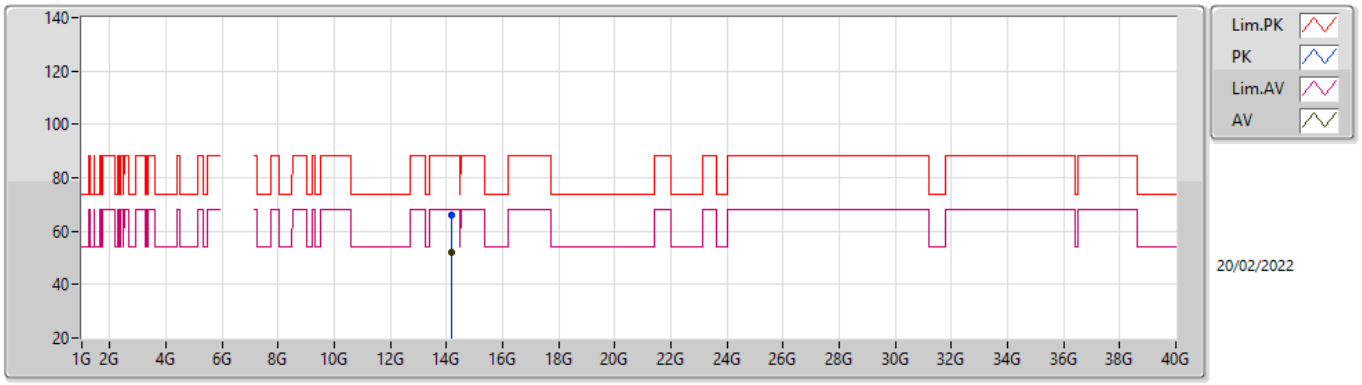


EUT X_1TX
Setting 86
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.0906G	119.45	Inf	-Inf	110.18	3	Horizontal	58	2.13	-	36.72	5.95	33.40
RMS	7.0976G	107.82	Inf	-Inf	98.58	3	Horizontal	58	2.13	-	36.70	5.95	33.41
PK	7.1256G	80.48	88.20	-7.72	71.06	3	Horizontal	58	2.13	-	36.90	5.96	33.44
RMS	7.125G	67.78	68.20	-0.42	58.36	3	Horizontal	58	2.13	-	36.90	5.96	33.44

802.11ax HEW20_Nss1,(MCS0)_1TX

7095MHz_TnomVnom

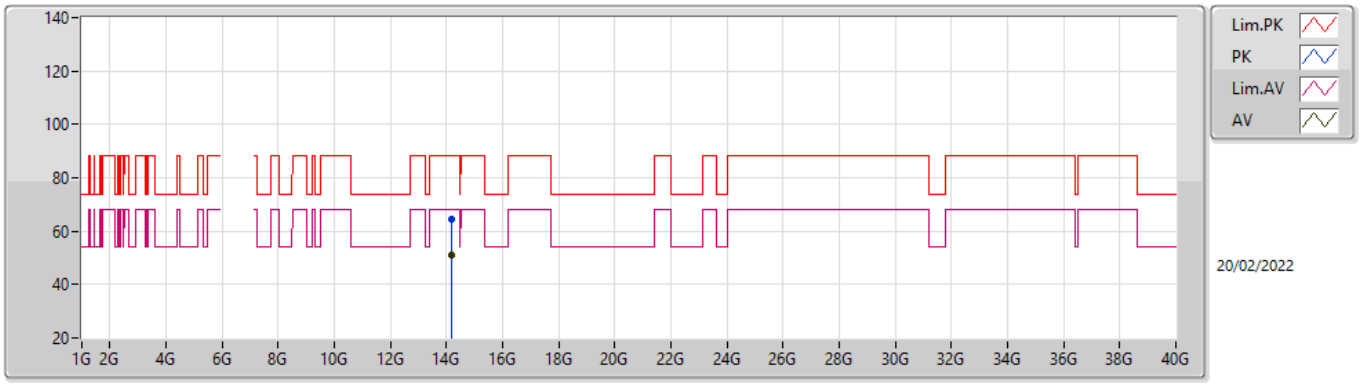


EUT X_1TX
Setting 86
04-D-S-8

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	14.19096G	66.17	88.20	-22.03	51.61	3	Vertical	9	1.79	-	40.81	8.65	34.90
RMS	14.18968G	51.85	68.20	-16.35	37.29	3	Vertical	9	1.79	-	40.81	8.65	34.90

802.11ax HEW20_Nss1,(MCS0)_1TX

7095MHz_TnomVnom

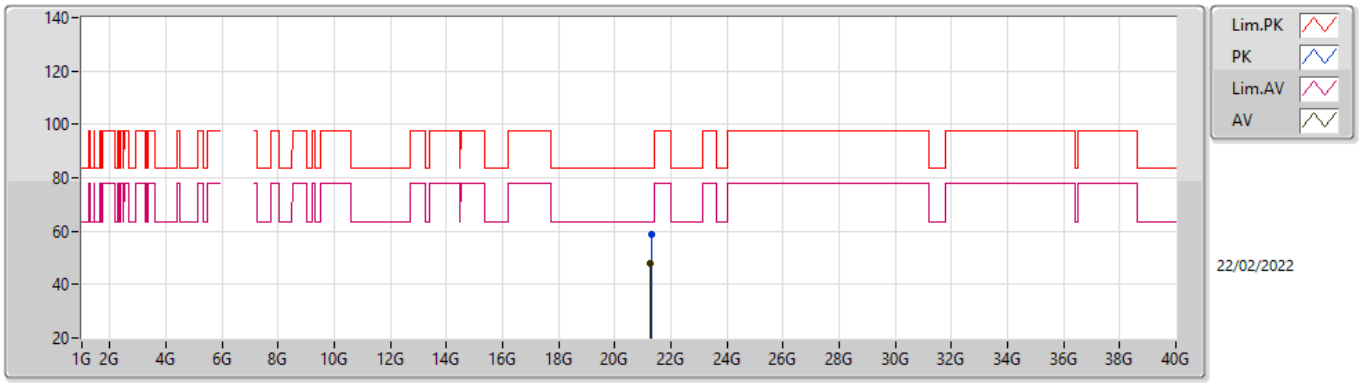


EUT X_1TX
Setting 86
04-D-S-8

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	14.19888G	64.54	88.20	-23.66	49.98	3	Horizontal	75	1.65	-	40.80	8.65	34.89
RMS	14.1904G	51.11	68.20	-17.09	36.55	3	Horizontal	75	1.65	-	40.81	8.65	34.90

802.11ax HEW20_Nss1,(MCS0)_1TX

7095MHz_TnomVnom

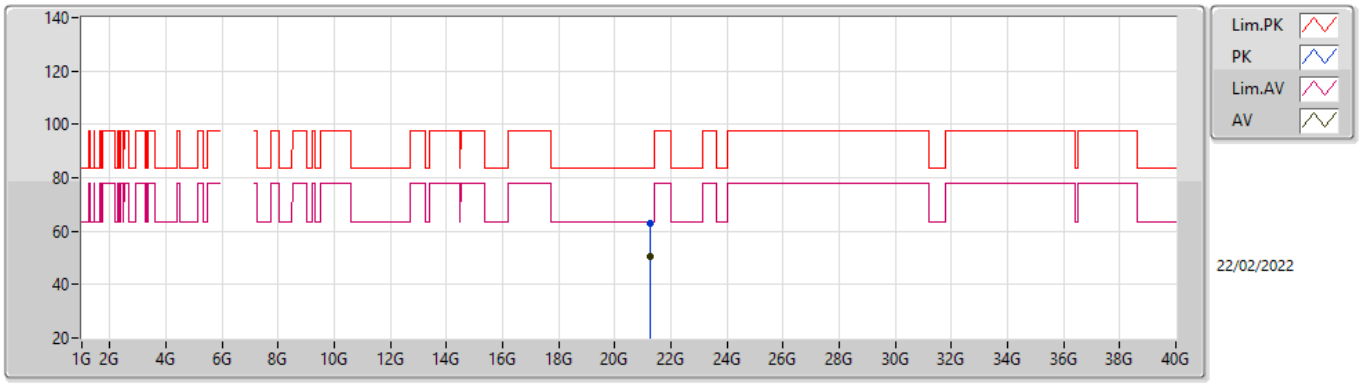


EUT X_1TX
Setting 86
04-D-S-8

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	21.28836G	58.77	83.54	-24.77	54.68	1	Vertical	355	1.58	-	37.65	16.08	49.64
AV	21.28372G	47.94	63.54	-15.60	43.86	1	Vertical	355	1.58	-	37.64	16.08	49.64

802.11ax HEW20_Nss1,(MCS0)_1TX

7095MHz_TnomVnom

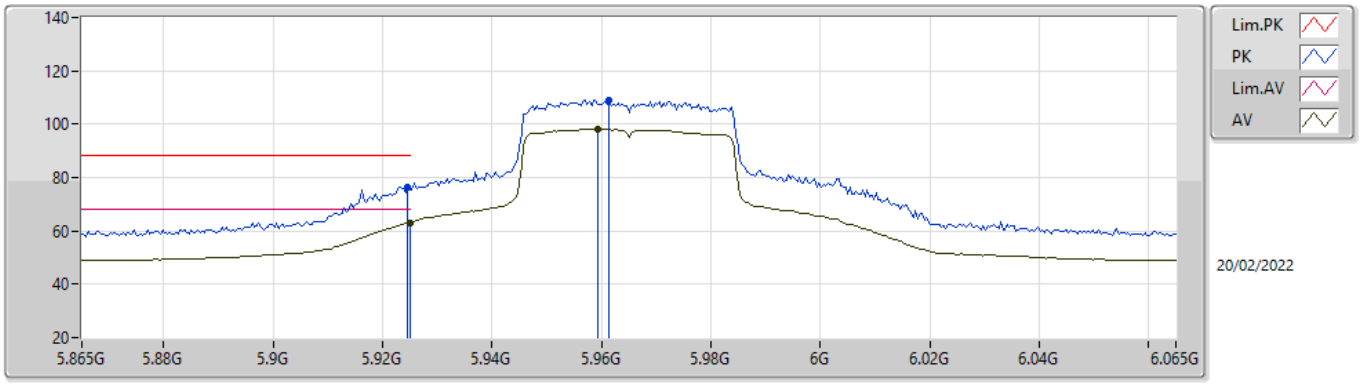


EUT X_1TX
Setting 86
04-D-S-8

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	21.28356G	62.68	83.54	-20.86	58.60	1	Horizontal	36	1.60	-	37.64	16.08	49.64
AV	21.28372G	50.28	63.54	-13.26	46.20	1	Horizontal	36	1.60	-	37.64	16.08	49.64

802.11ax HEW40_Nss1,(MCS0)_1TX

5965MHz_TnomVnom

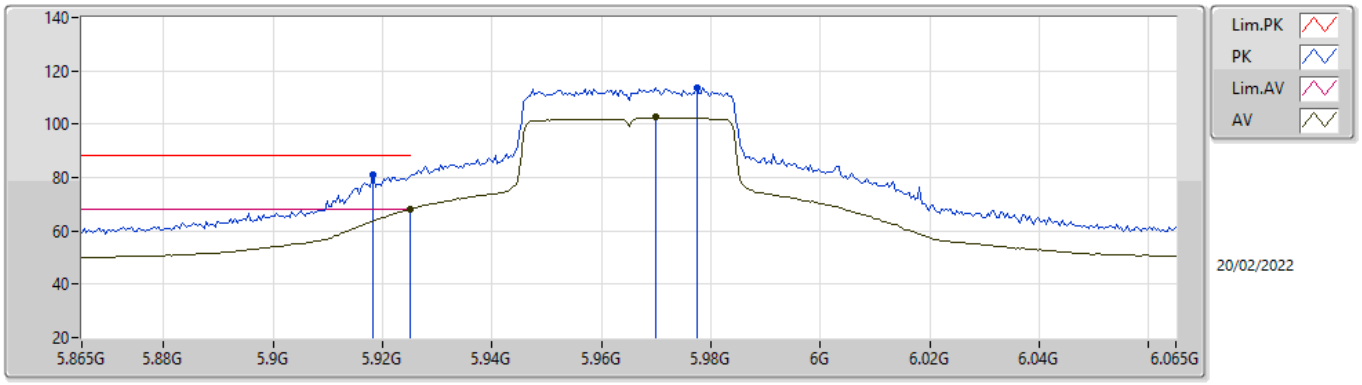


EUT X_1TX
Setting 81
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9246G	76.52	88.20	-11.68	69.46	3	Vertical	360	1.68	-	35.05	5.36	33.35
RMS	5.925G	63.11	68.20	-5.09	56.05	3	Vertical	360	1.68	-	35.05	5.36	33.35
PK	5.9614G	108.97	Inf	-Inf	101.70	3	Vertical	360	1.68	-	35.25	5.38	33.36
RMS	5.9594G	98.23	Inf	-Inf	90.97	3	Vertical	360	1.68	-	35.24	5.38	33.36

802.11ax HEW40_Nss1,(MCS0)_1TX

5965MHz_TnomVnom

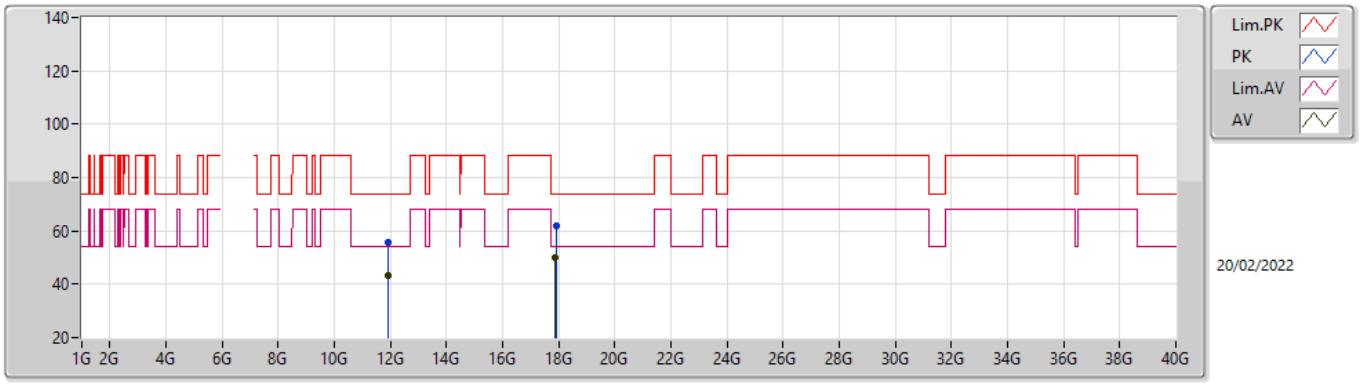


EUT X_1TX
Setting 81
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9182G	80.81	88.20	-7.39	73.79	3	Horizontal	53	2.71	-	35.01	5.36	33.35
RMS	5.925G	68.05	68.20	-0.15	60.99	3	Horizontal	53	2.71	-	35.05	5.36	33.35
PK	5.9774G	113.61	Inf	-Inf	106.28	3	Horizontal	53	2.71	-	35.31	5.39	33.37
RMS	5.9698G	102.54	Inf	-Inf	95.25	3	Horizontal	53	2.71	-	35.28	5.38	33.37

802.11ax HEW40_Nss1,(MCS0)_1TX

5965MHz_TnomVnom

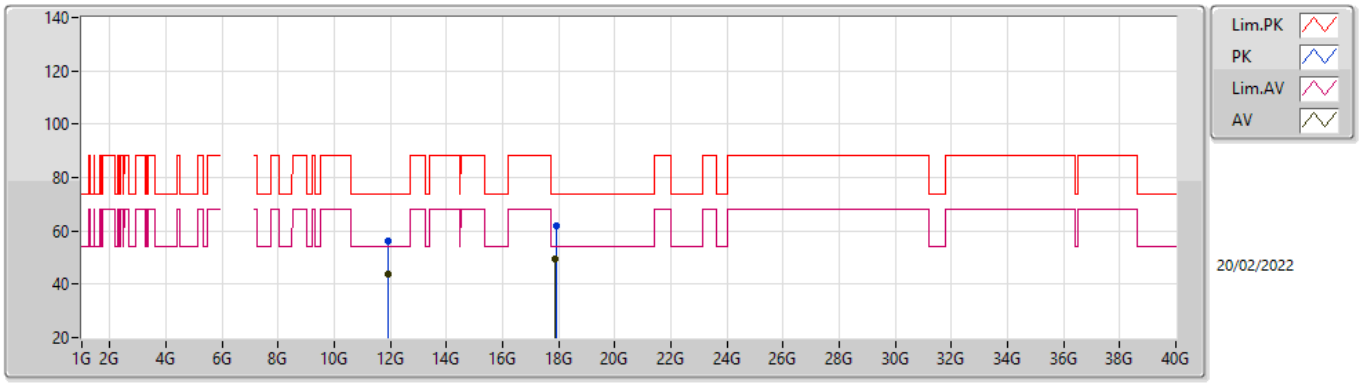


EUT X_1TX
Setting 81
04-D-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.927G	55.48	74.00	-18.52	42.33	3	Vertical	135	1.99	-	39.12	8.95	34.92
AV	11.93256G	43.50	54.00	-10.50	30.37	3	Vertical	135	1.99	-	39.10	8.95	34.92
PK	17.8964G	62.03	74.00	-11.97	45.05	3	Vertical	181	1.83	-	41.99	9.76	34.77
AV	17.89334G	50.02	54.00	-3.98	33.05	3	Vertical	181	1.83	-	41.98	9.76	34.77

802.11ax HEW40_Nss1,(MCS0)_1TX

5965MHz_TnomVnom

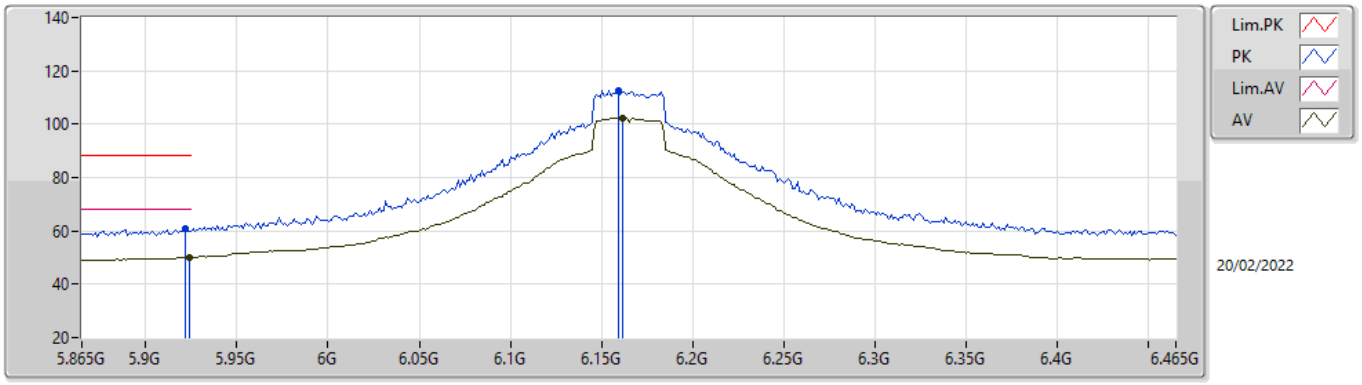


EUT X_1TX
Setting 81
04-D-K-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.92964G	56.03	74.00	-17.97	42.89	3	Horizontal	134	1.91	-	39.11	8.95	34.92
AV	11.92708G	43.65	54.00	-10.35	30.50	3	Horizontal	134	1.91	-	39.12	8.95	34.92
PK	17.89874G	62.00	74.00	-12.00	45.02	3	Horizontal	174	2.80	-	42.00	9.76	34.78
AV	17.89006G	49.69	54.00	-4.31	32.73	3	Horizontal	174	2.80	-	41.97	9.76	34.77

802.11ax HEW40_Nss1,(MCS0)_1TX

6165MHz_TnomVnom

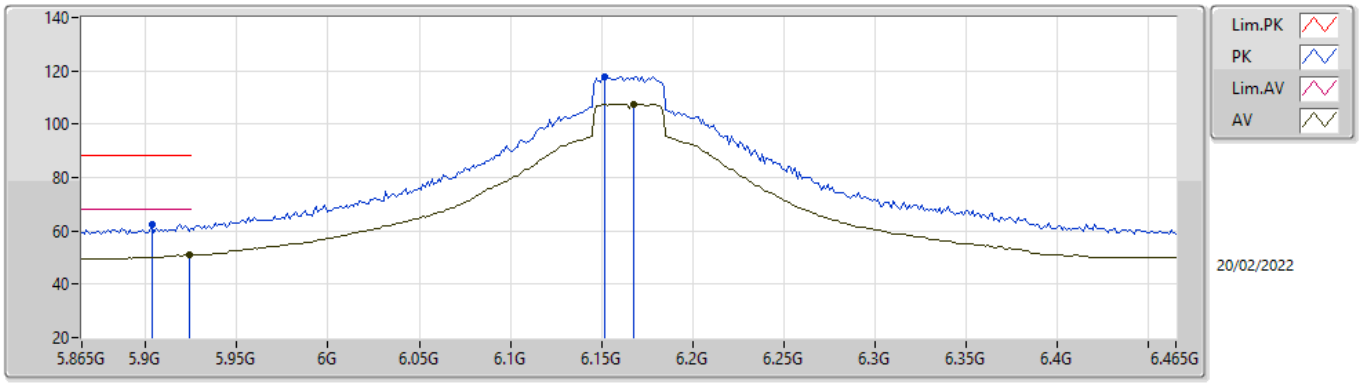


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9214G	60.67	88.20	-27.53	53.63	3	Vertical	30	1.42	-	35.03	5.36	33.35
RMS	5.9238G	50.04	68.20	-18.16	42.99	3	Vertical	30	1.42	-	35.04	5.36	33.35
PK	6.159G	112.61	Inf	-Inf	104.87	3	Vertical	30	1.42	-	35.45	5.56	33.27
RMS	6.1614G	102.49	Inf	-Inf	94.73	3	Vertical	30	1.42	-	35.47	5.56	33.27

802.11ax HEW40_Nss1,(MCS0)_1TX

6165MHz_TnomVnom

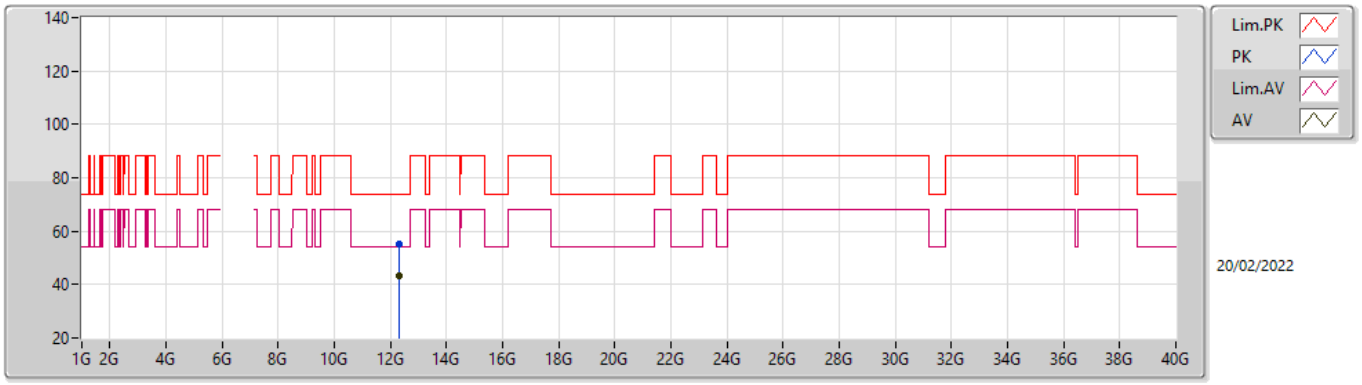


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9034G	62.40	88.20	-25.80	55.47	3	Horizontal	57	2.67	-	34.92	5.35	33.34
RMS	5.9238G	50.88	68.20	-17.32	43.83	3	Horizontal	57	2.67	-	35.04	5.36	33.35
PK	6.1518G	117.95	Inf	-Inf	110.27	3	Horizontal	57	2.67	-	35.41	5.55	33.28
RMS	6.1674G	107.57	Inf	-Inf	99.77	3	Horizontal	57	2.67	-	35.50	5.57	33.27

802.11ax HEW40_Nss1,(MCS0)_1TX

6165MHz_TnomVnom

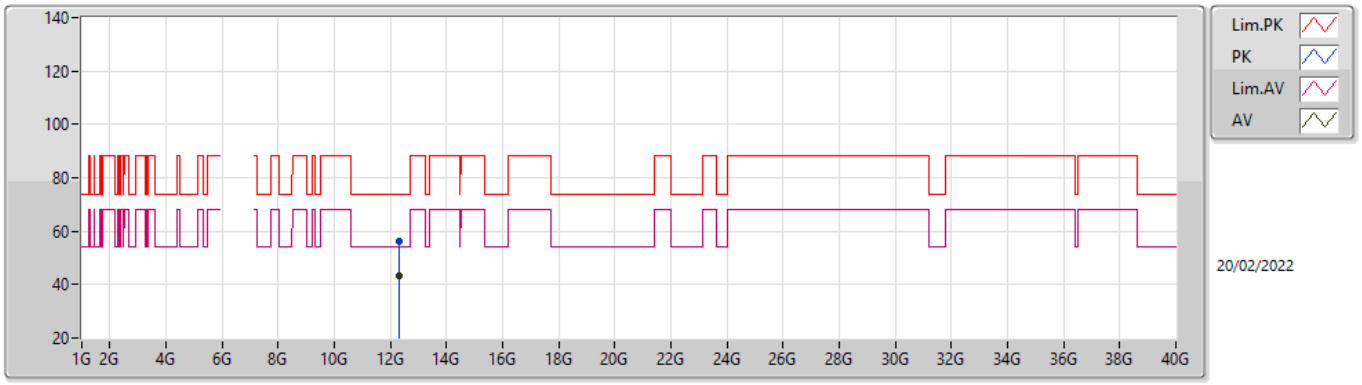


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.33124G	55.20	74.00	-18.80	42.33	3	Vertical	32	2.49	-	38.79	8.93	34.85
AV	12.33266G	43.33	54.00	-10.67	30.45	3	Vertical	32	2.49	-	38.80	8.93	34.85

802.11ax HEW40_Nss1,(MCS0)_1TX

6165MHz_TnomVnom

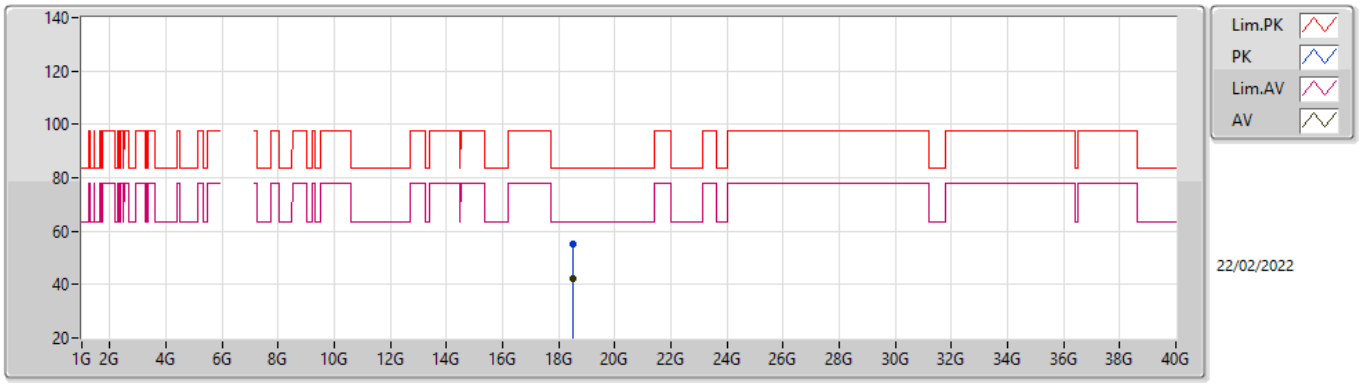


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.329G	56.19	74.00	-17.81	43.32	3	Horizontal	58	1.02	-	38.79	8.93	34.85
AV	12.32924G	43.27	54.00	-10.73	30.40	3	Horizontal	58	1.02	-	38.79	8.93	34.85

802.11ax HEW40_Nss1,(MCS0)_1TX

6165MHz_TnomVnom

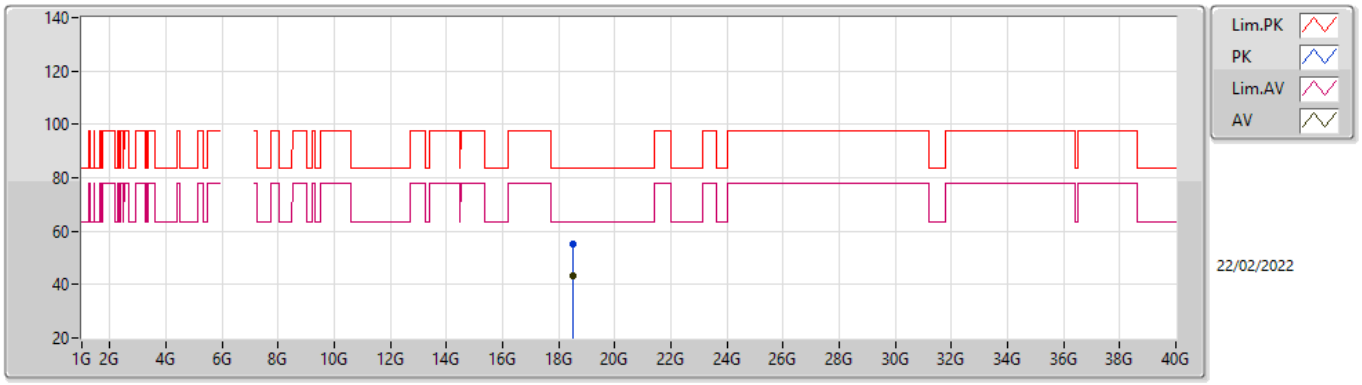


EUT X_1TX
Setting 108
04-D-S-8

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	18.49676G	54.98	83.54	-28.56	52.38	1	Vertical	301	1.66	-	37.80	14.90	50.10
AV	18.49036G	42.39	63.54	-21.15	39.80	1	Vertical	301	1.66	-	37.79	14.90	50.10

802.11ax HEW40_Nss1,(MCS0)_1TX

6165MHz_TnomVnom

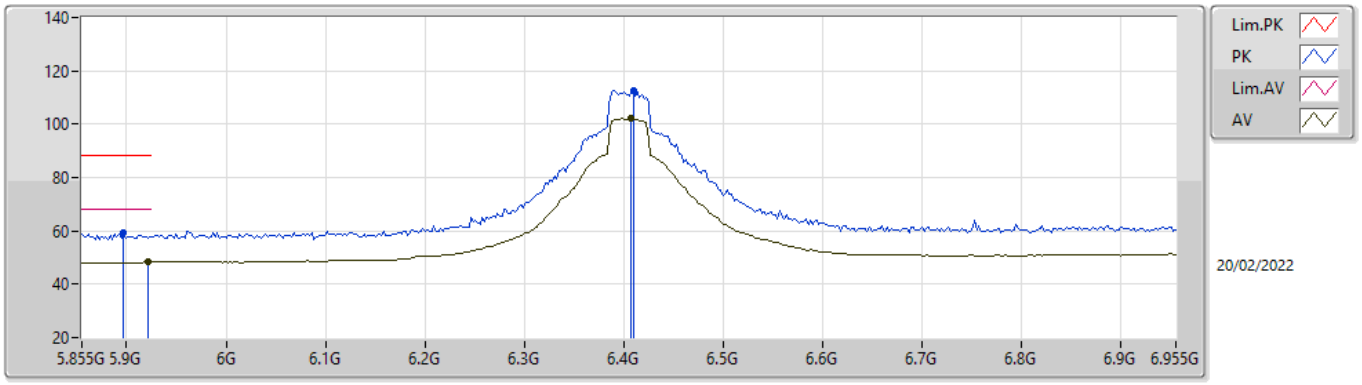


EUT X_1TX
Setting 108
04-D-S-8

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	18.4862G	55.37	83.54	-28.17	52.81	1	Horizontal	351	1.54	-	37.78	14.89	50.11
AV	18.50188G	43.04	63.54	-20.50	40.44	1	Horizontal	351	1.54	-	37.80	14.90	50.10

802.11ax HEW40_Nss1,(MCS0)_1TX

6405MHz_TnomVnom

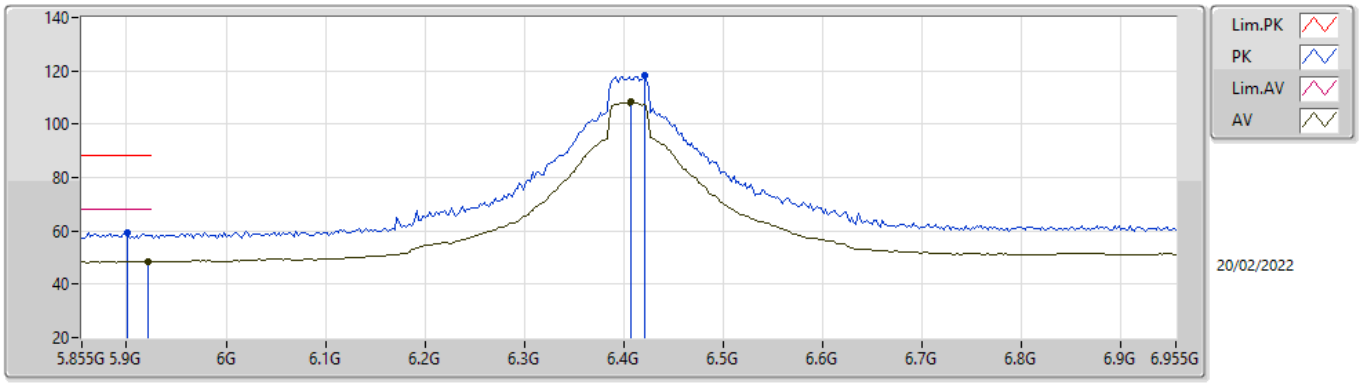


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8968G	59.10	88.20	-29.10	52.20	3	Vertical	37	2.05	-	34.89	5.35	33.34
RMS	5.921G	48.31	68.20	-19.89	41.27	3	Vertical	37	2.05	-	35.03	5.36	33.35
PK	6.4094G	112.80	Inf	-Inf	104.52	3	Vertical	37	2.05	-	35.68	5.70	33.10
RMS	6.4072G	102.39	Inf	-Inf	94.10	3	Vertical	37	2.05	-	35.69	5.70	33.10

802.11ax HEW40_Nss1,(MCS0)_1TX

6405MHz_TnomVnom

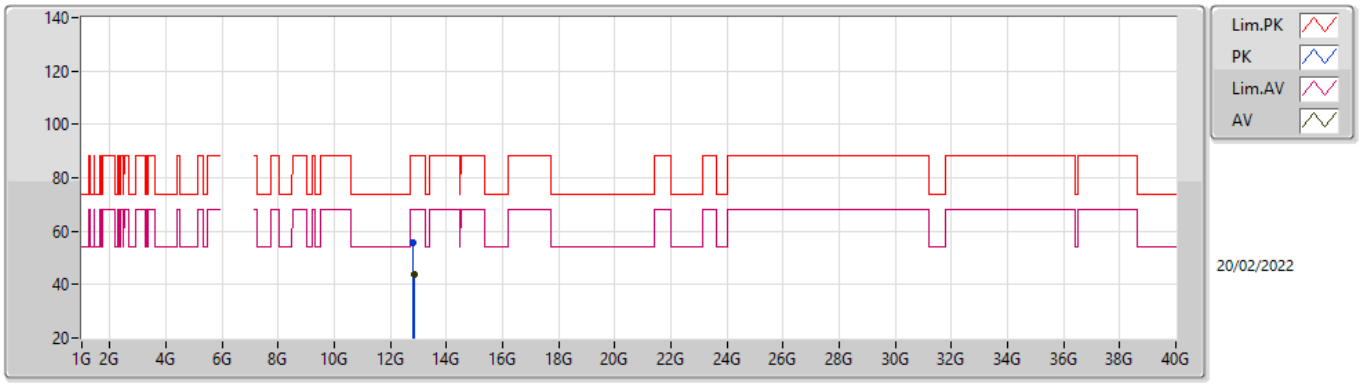


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9012G	59.17	88.20	-29.03	52.25	3	Horizontal	57	1.69	-	34.91	5.35	33.34
RMS	5.921G	48.56	68.20	-19.64	41.52	3	Horizontal	57	1.69	-	35.03	5.36	33.35
PK	6.4204G	118.14	Inf	-Inf	109.87	3	Horizontal	57	1.69	-	35.66	5.70	33.09
RMS	6.4072G	108.31	Inf	-Inf	100.02	3	Horizontal	57	1.69	-	35.69	5.70	33.10

802.11ax HEW40_Nss1,(MCS0)_1TX

6405MHz_TnomVnom

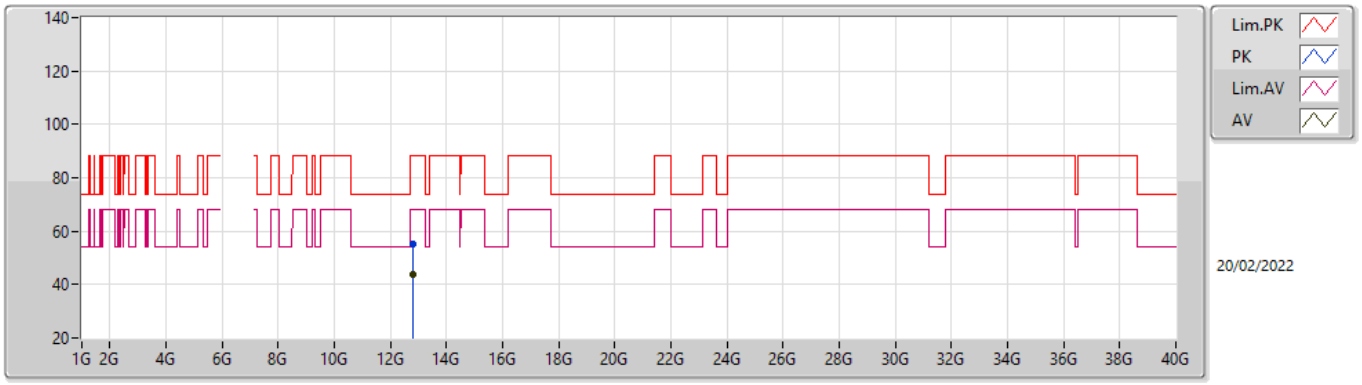


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.8112G	55.48	88.20	-32.72	41.97	3	Vertical	241	1.66	-	39.41	8.84	34.74
RMS	12.83292G	43.63	68.20	-24.57	30.10	3	Vertical	241	1.66	-	39.43	8.83	34.73

802.11ax HEW40_Nss1,(MCS0)_1TX

6405MHz_TnomVnom

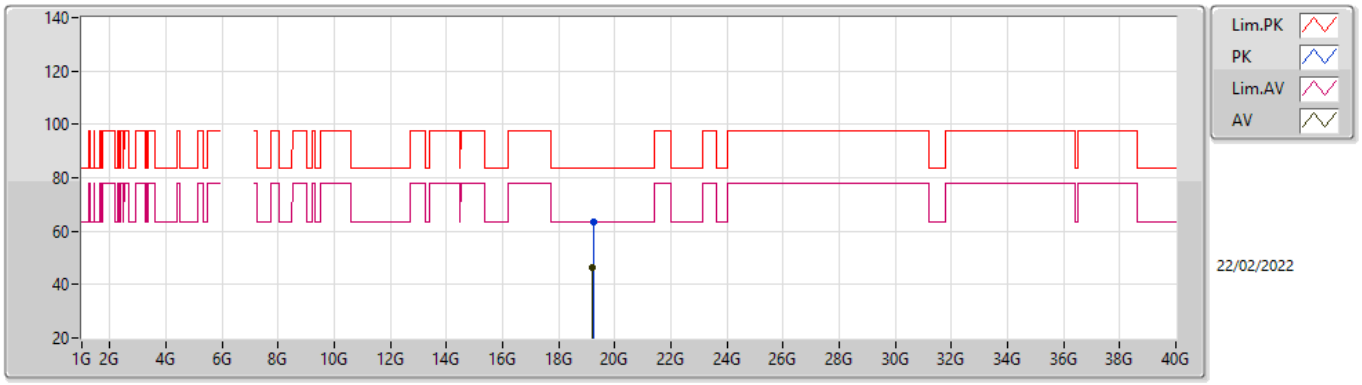


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.78396G	55.29	88.20	-32.91	41.81	3	Horizontal	100	1.30	-	39.38	8.84	34.74
RMS	12.789G	43.75	68.20	-24.45	30.26	3	Horizontal	100	1.30	-	39.39	8.84	34.74

802.11ax HEW40_Nss1,(MCS0)_1TX

6405MHz_TnomVnom

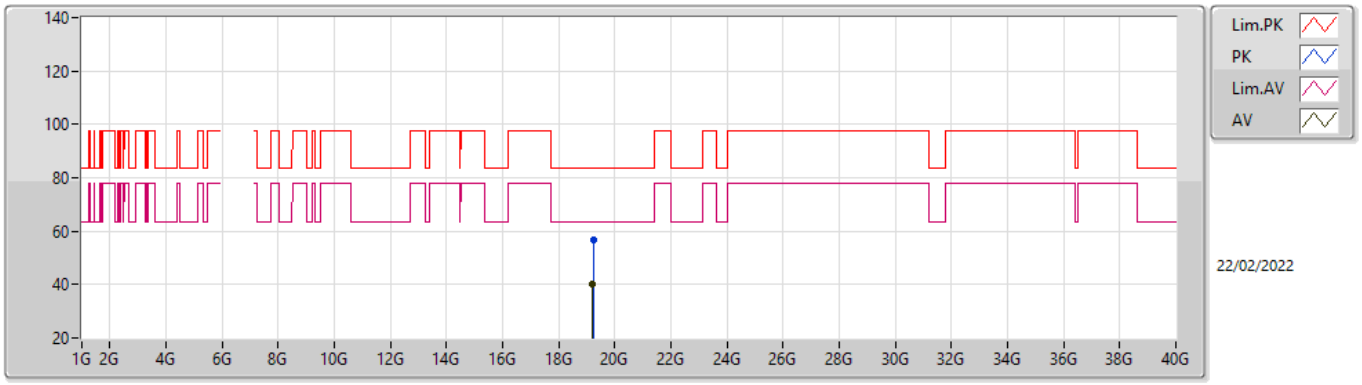


EUT X_1TX
Setting 108
04-D-S-8

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	19.22476G	63.45	83.54	-20.09	60.17	1	Vertical	344	1.40	-	37.73	15.19	49.64
AV	19.2102G	46.39	63.54	-17.15	43.10	1	Vertical	344	1.40	-	37.75	15.18	49.64

802.11ax HEW40_Nss1,(MCS0)_1TX

6405MHz_TnomVnom

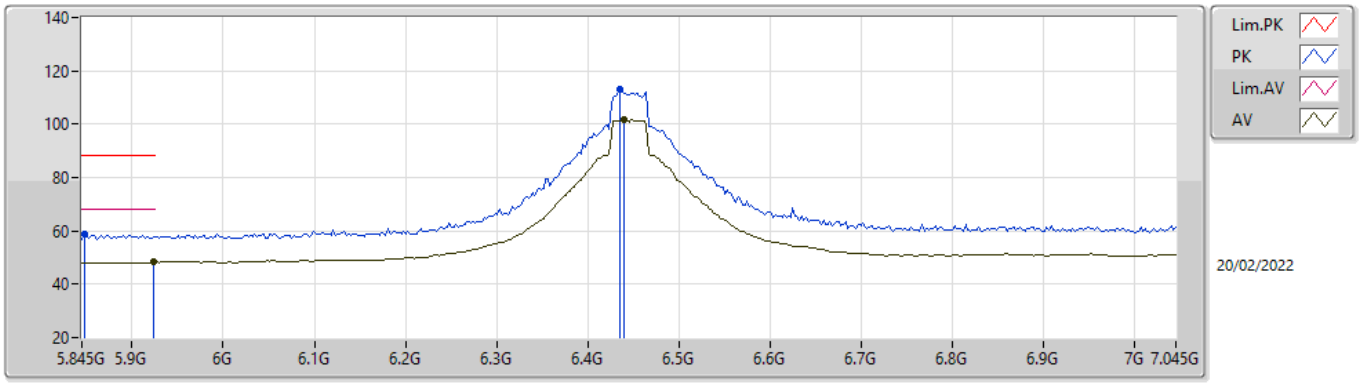


EUT X_1TX
Setting 108
04-D-S-8

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	19.22492G	56.93	83.54	-26.61	53.65	1	Horizontal	47	1.46	-	37.73	15.19	49.64
AV	19.21724G	40.39	63.54	-23.15	37.10	1	Horizontal	47	1.46	-	37.74	15.19	49.64

802.11ax HEW40_Nss1,(MCS0)_1TX

6445MHz_TnomVnom

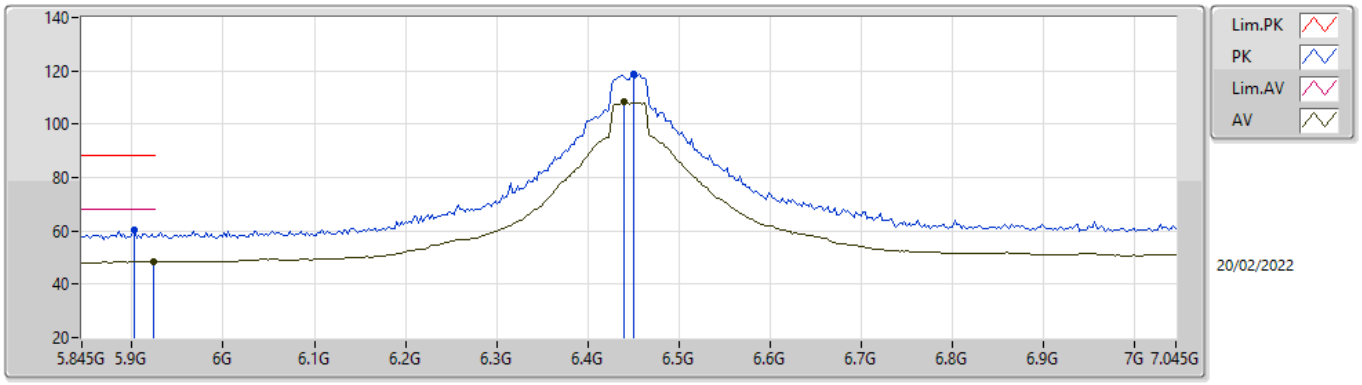


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8474G	58.60	88.20	-29.60	51.82	3	Vertical	36	2.01	-	34.78	5.32	33.32
RMS	5.9242G	48.26	68.20	-19.94	41.20	3	Vertical	36	2.01	-	35.05	5.36	33.35
PK	6.4354G	112.91	Inf	-Inf	104.66	3	Vertical	36	2.01	-	35.63	5.70	33.08
RMS	6.4402G	101.91	Inf	-Inf	93.67	3	Vertical	36	2.01	-	35.62	5.70	33.08

802.11ax HEW40_Nss1,(MCS0)_1TX

6445MHz_TnomVnom

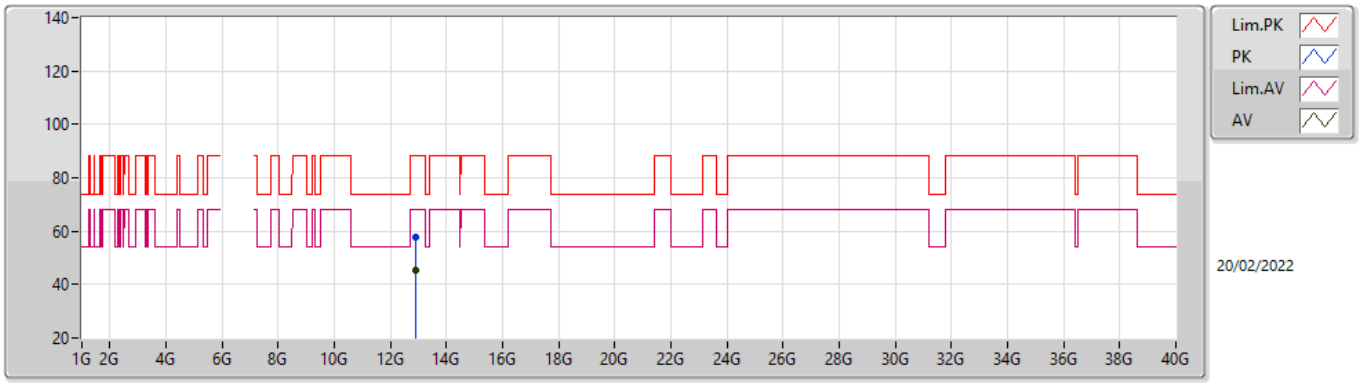


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.9026G	60.09	88.20	-28.11	53.16	3	Horizontal	58	1.52	-	34.92	5.35	33.34
RMS	5.9242G	48.50	68.20	-19.70	41.44	3	Horizontal	58	1.52	-	35.05	5.36	33.35
PK	6.4498G	118.95	Inf	-Inf	110.72	3	Horizontal	58	1.52	-	35.60	5.70	33.07
RMS	6.4402G	108.31	Inf	-Inf	100.07	3	Horizontal	58	1.52	-	35.62	5.70	33.08

802.11ax HEW40_Nss1,(MCS0)_1TX

6445MHz_TnomVnom

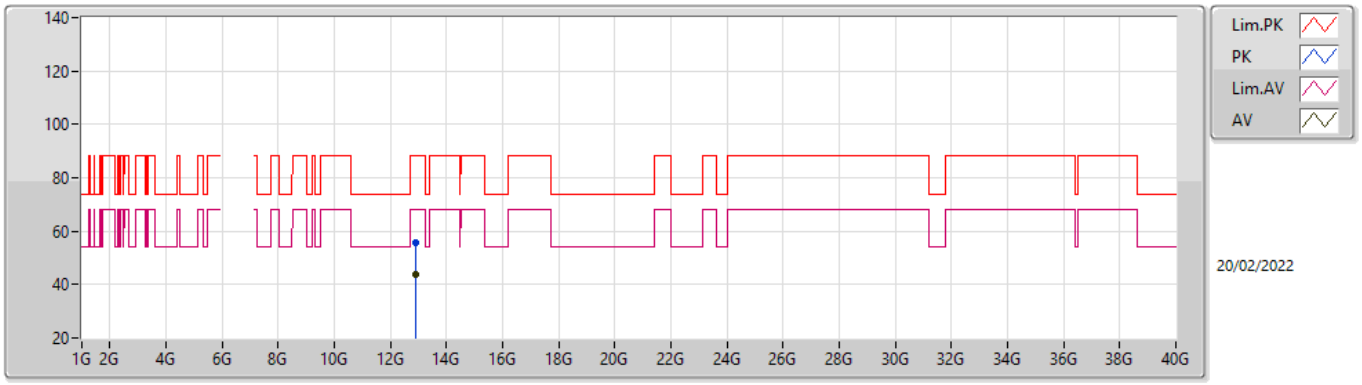


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.88664G	57.72	88.20	-30.48	44.13	3	Vertical	50	1.61	-	39.49	8.82	34.72
RMS	12.8876G	45.55	68.20	-22.65	31.96	3	Vertical	50	1.61	-	39.49	8.82	34.72

802.11ax HEW40_Nss1,(MCS0)_1TX

6445MHz_TnomVnom

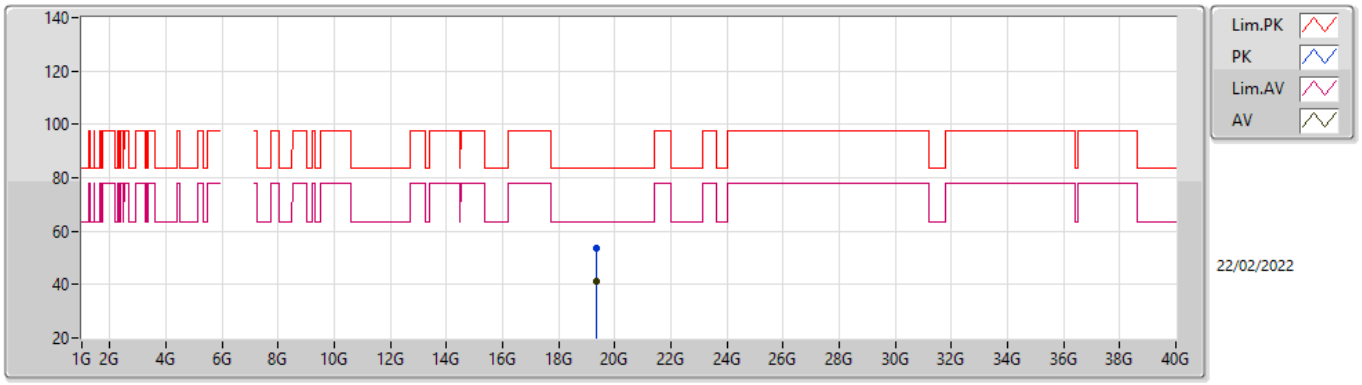


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.88688G	55.81	88.20	-32.39	42.22	3	Horizontal	330	1.80	-	39.49	8.82	34.72
RMS	12.89144G	43.87	68.20	-24.33	30.28	3	Horizontal	330	1.80	-	39.49	8.82	34.72

802.11ax HEW40_Nss1,(MCS0)_1TX

6445MHz_TnomVnom

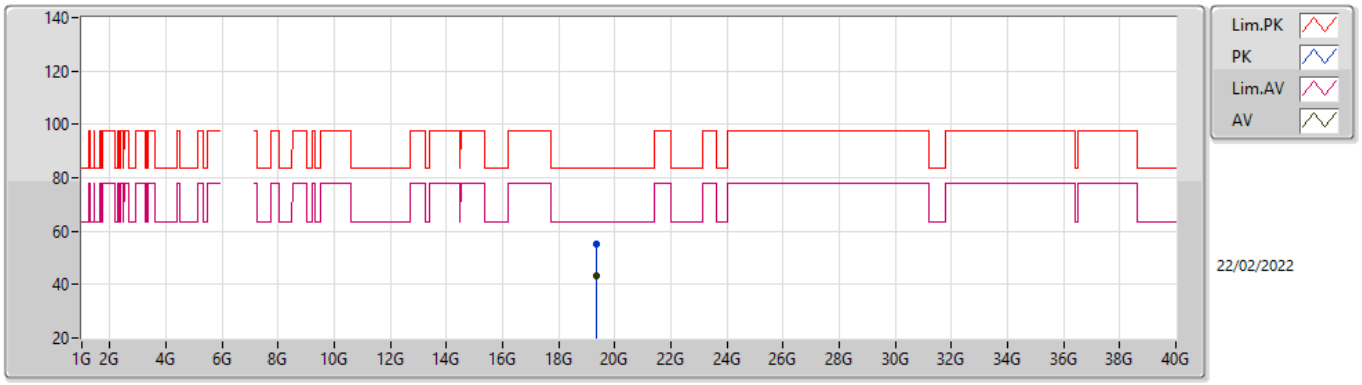


EUT X_1TX
Setting 108
04-D-S-8

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	19.3342G	53.44	83.54	-30.10	50.11	1	Vertical	34	1.40	-	37.77	15.23	49.67
AV	19.3262G	41.38	63.54	-22.16	38.06	1	Vertical	34	1.40	-	37.76	15.23	49.67

802.11ax HEW40_Nss1,(MCS0)_1TX

6445MHz_TnomVnom

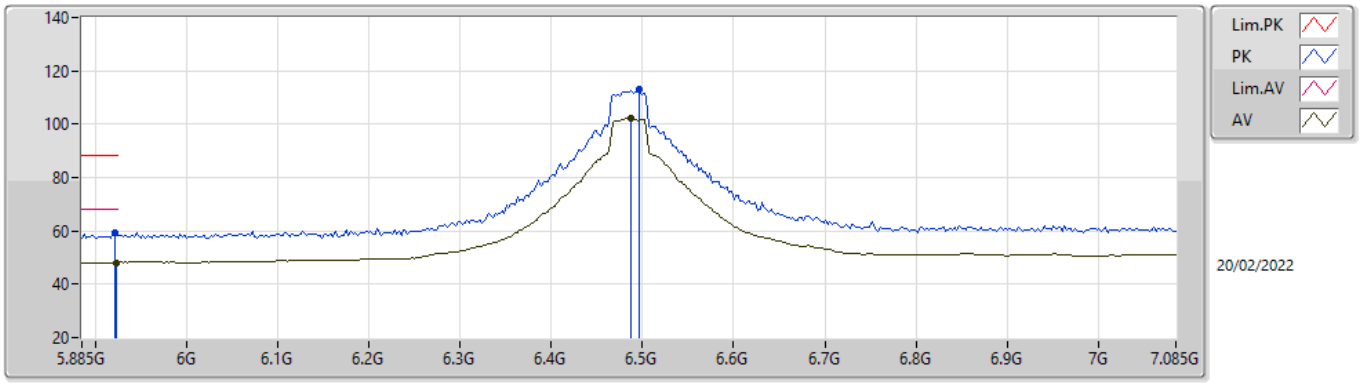


EUT X_1TX
Setting 108
04-D-S-8

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	19.3294G	55.23	83.54	-28.31	51.91	1	Horizontal	56	1.47	-	37.76	15.23	49.67
AV	19.3318G	43.37	63.54	-20.17	40.04	1	Horizontal	56	1.47	-	37.77	15.23	49.67

802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TnomVnom

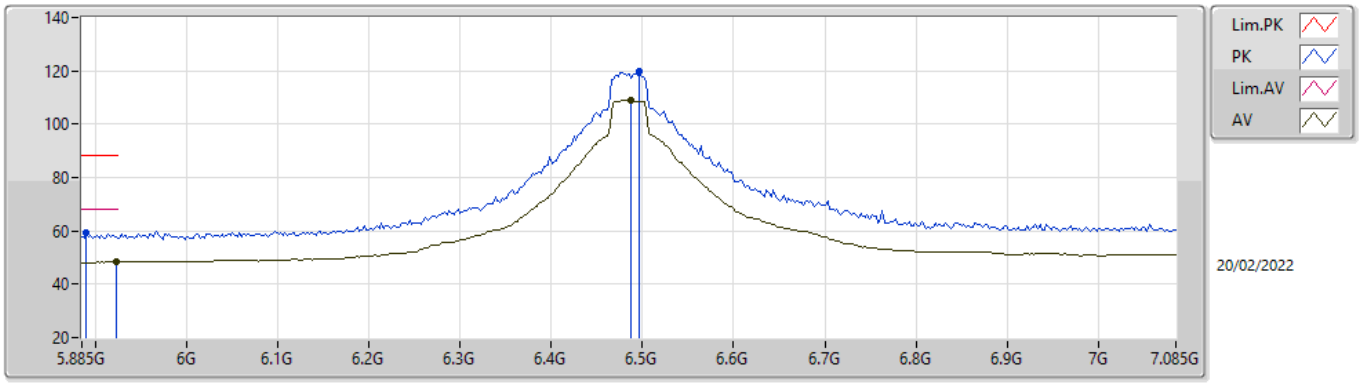


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.921G	59.30	88.20	-28.90	52.26	3	Vertical	38	2.08	-	35.03	5.36	33.35
RMS	5.9234G	48.16	68.20	-20.04	41.11	3	Vertical	38	2.08	-	35.04	5.36	33.35
PK	6.497G	112.94	Inf	-Inf	104.49	3	Vertical	38	2.08	-	35.79	5.70	33.04
RMS	6.4874G	102.40	Inf	-Inf	94.00	3	Vertical	38	2.08	-	35.75	5.70	33.05

802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TnomVnom

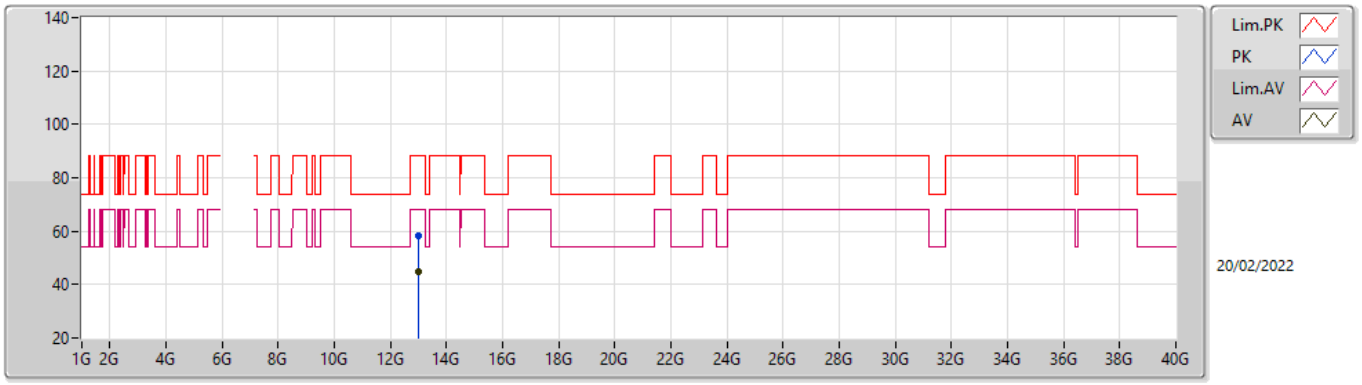


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8898G	59.09	88.20	-29.11	52.21	3	Horizontal	57	1.62	-	34.88	5.34	33.34
RMS	5.9234G	48.36	68.20	-19.84	41.31	3	Horizontal	57	1.62	-	35.04	5.36	33.35
PK	6.497G	119.74	Inf	-Inf	111.29	3	Horizontal	57	1.62	-	35.79	5.70	33.04
RMS	6.4874G	109.18	Inf	-Inf	100.78	3	Horizontal	57	1.62	-	35.75	5.70	33.05

802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TnomVnom

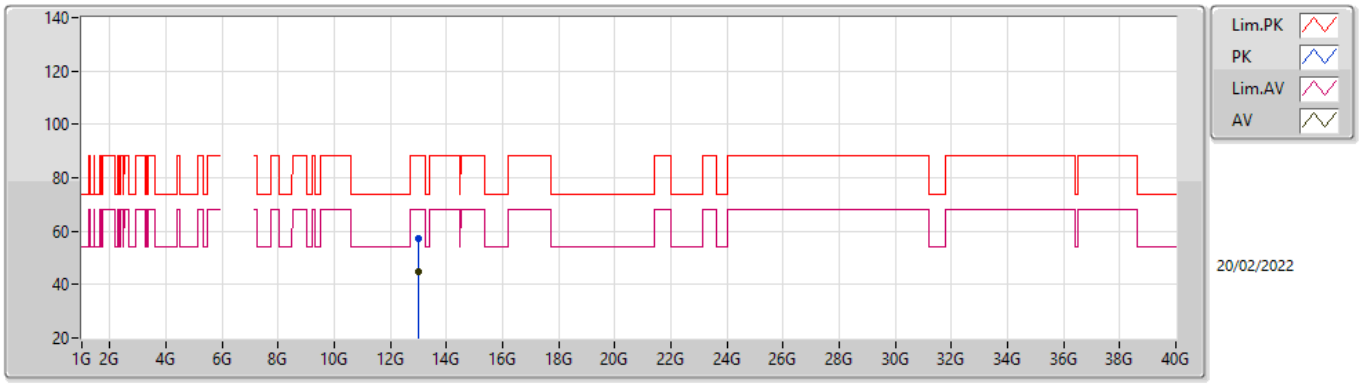


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.99448G	58.13	88.20	-30.07	44.34	3	Vertical	41	1.41	-	39.69	8.80	34.70
RMS	12.9916G	45.07	68.20	-23.13	31.29	3	Vertical	41	1.41	-	39.68	8.80	34.70

802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TnomVnom

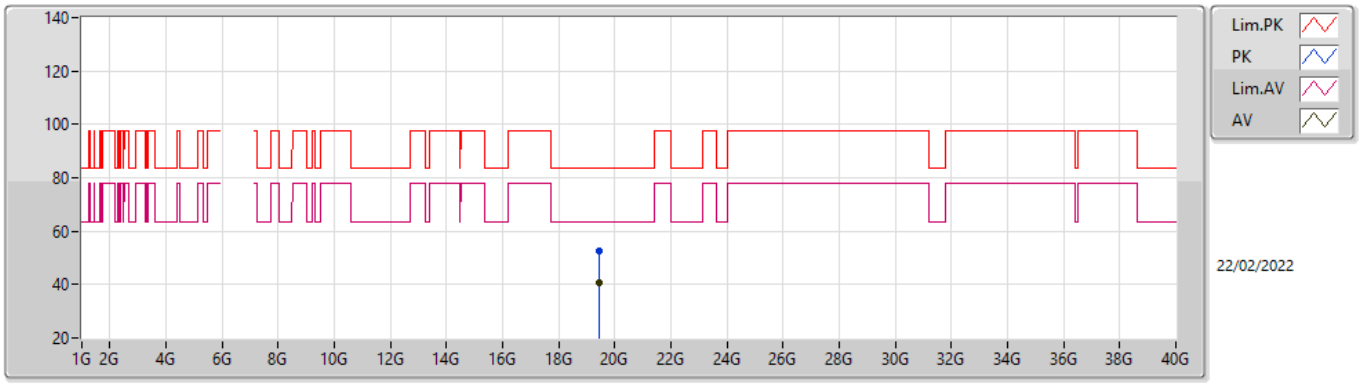


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	12.99508G	57.22	88.20	-30.98	43.43	3	Horizontal	62	1.06	-	39.69	8.80	34.70
RMS	13G	44.93	68.20	-23.27	31.13	3	Horizontal	62	1.06	-	39.70	8.80	34.70

802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TnomVnom

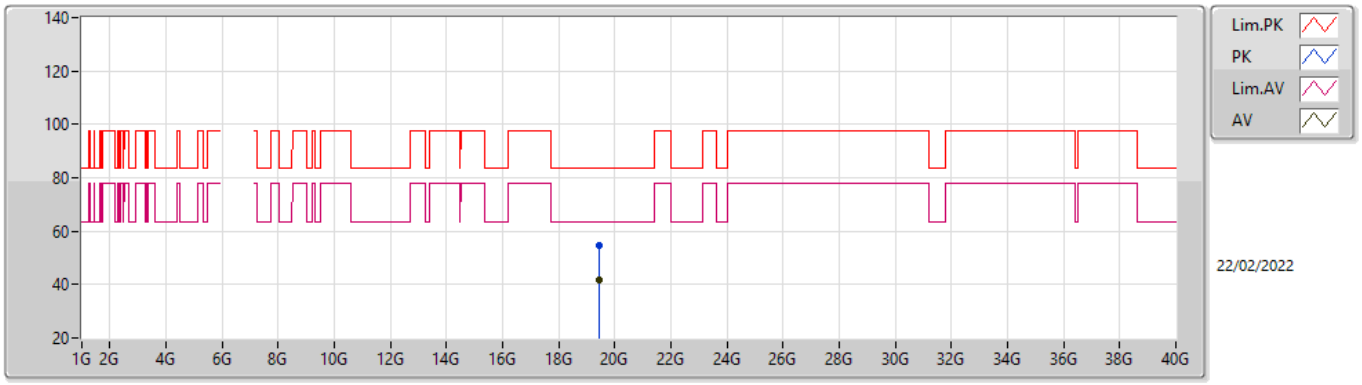


EUT X_1TX
Setting 108
04-D-S-8

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	19.46092G	52.57	83.54	-30.97	49.11	1	Vertical	34	1.40	-	37.87	15.28	49.69
AV	19.45164G	40.58	63.54	-22.96	37.13	1	Vertical	34	1.40	-	37.86	15.28	49.69

802.11ax HEW40_Nss1,(MCS0)_1TX

6485MHz_TnomVnom

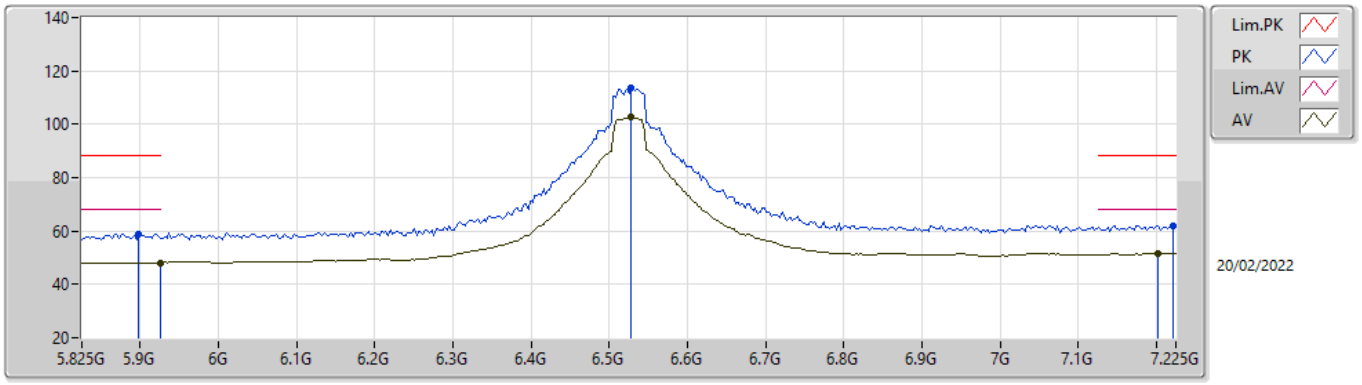


EUT X_1TX
Setting 108
04-D-S-8

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	19.45164G	54.47	83.54	-29.07	51.02	1	Horizontal	49	1.46	-	37.86	15.28	49.69
AV	19.46108G	41.62	63.54	-21.92	38.16	1	Horizontal	49	1.46	-	37.87	15.28	49.69

802.11ax HEW40_Nss1,(MCS0)_1TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

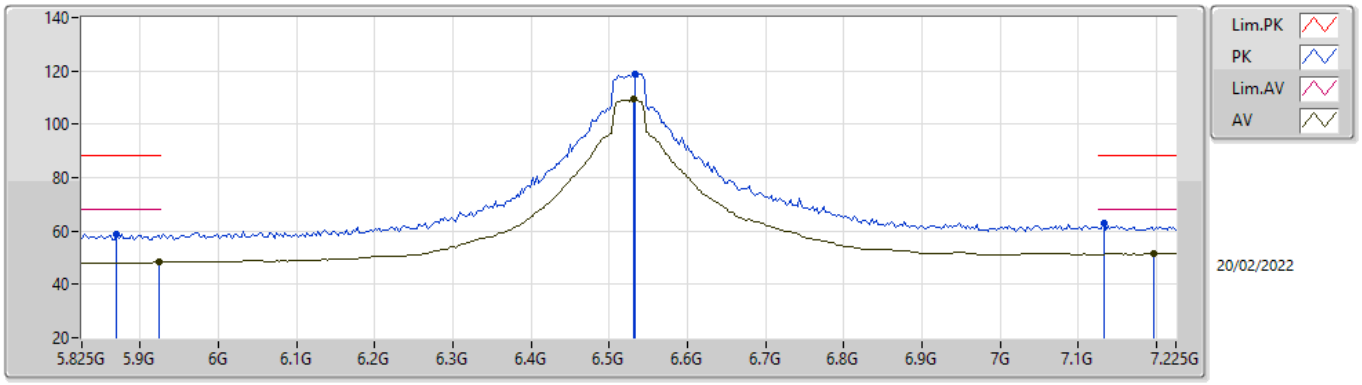


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8978G	59.05	88.20	-29.15	52.14	3	Vertical	36	1.91	-	34.90	5.35	33.34
RMS	5.925G	48.18	68.20	-20.02	41.12	3	Vertical	36	1.91	-	35.05	5.36	33.35
PK	6.5278G	113.67	Inf	-Inf	105.11	3	Vertical	36	1.91	-	35.91	5.70	33.05
RMS	6.5278G	102.58	Inf	-Inf	94.02	3	Vertical	36	1.91	-	35.91	5.70	33.05
PK	7.2222G	62.14	88.20	-26.06	52.35	3	Vertical	36	1.91	-	37.34	6.01	33.56
RMS	7.2026G	51.55	68.20	-16.65	41.77	3	Vertical	36	1.91	-	37.31	6.00	33.53

802.11ax HEW40_Nss1,(MCS0)_1TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

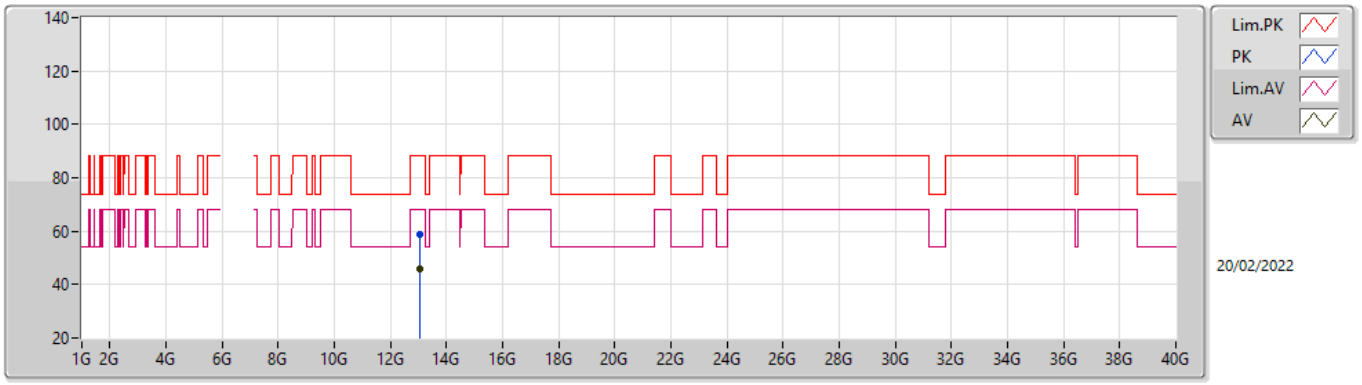


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.8698G	58.67	88.20	-29.53	51.83	3	Horizontal	58	1.58	-	34.84	5.33	33.33
RMS	5.923G	48.33	68.20	-19.87	41.28	3	Horizontal	58	1.58	-	35.04	5.36	33.35
PK	6.5334G	118.97	Inf	-Inf	110.40	3	Horizontal	58	1.58	-	35.93	5.70	33.06
RMS	6.5306G	109.35	Inf	-Inf	100.79	3	Horizontal	58	1.58	-	35.92	5.70	33.06
PK	7.1326G	62.89	88.20	-25.31	53.41	3	Horizontal	58	1.58	-	36.96	5.97	33.45
RMS	7.197G	51.57	68.20	-16.63	41.81	3	Horizontal	58	1.58	-	37.29	6.00	33.53

802.11ax HEW40_Nss1,(MCS0)_1TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

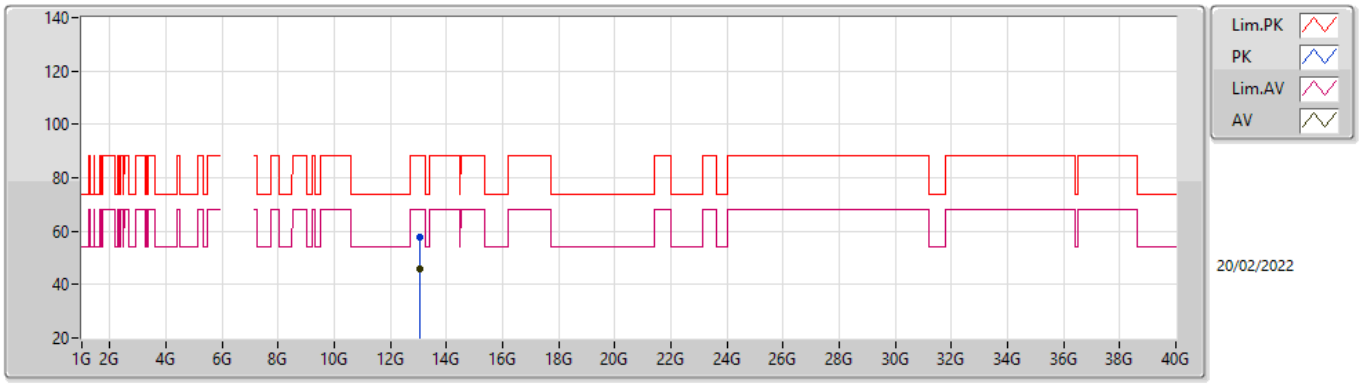


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.04676G	58.96	88.20	-29.24	45.17	3	Vertical	47	1.99	-	39.70	8.79	34.70
RMS	13.04412G	45.99	68.20	-22.21	32.20	3	Vertical	47	1.99	-	39.70	8.79	34.70

802.11ax HEW40_Nss1,(MCS0)_1TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

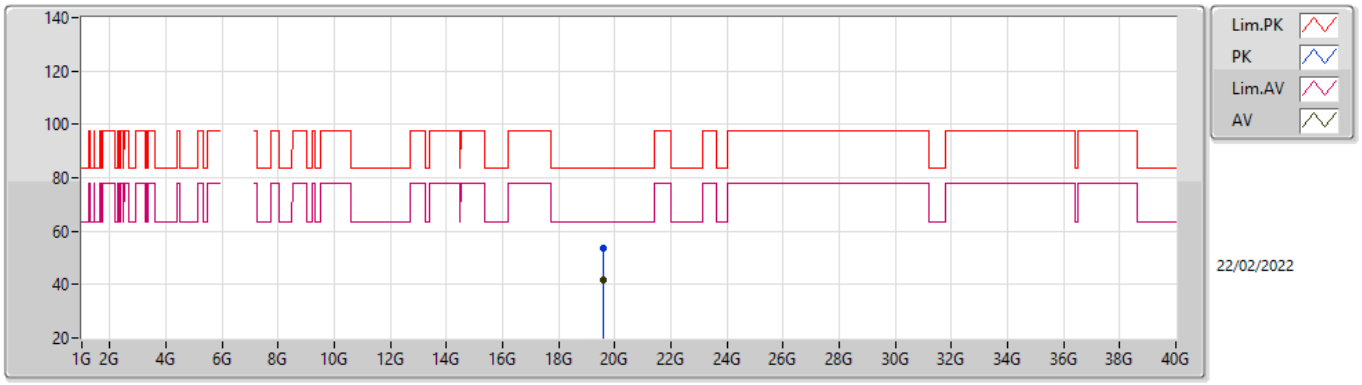


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.04028G	58.00	88.20	-30.20	44.21	3	Horizontal	57	1.71	-	39.70	8.79	34.70
RMS	13.05348G	46.06	68.20	-22.14	32.27	3	Horizontal	57	1.71	-	39.70	8.79	34.70

802.11ax HEW40_Nss1,(MCS0)_1TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

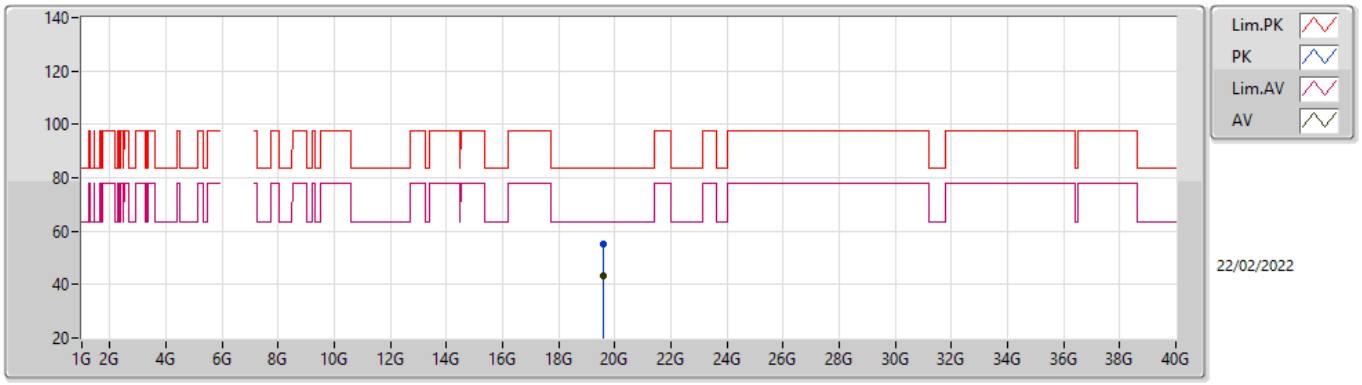


EUT X_1TX
Setting 108
04-D-S-8

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	19.57724G	53.68	83.54	-29.86	50.18	1	Vertical	34	1.60	-	37.87	15.33	49.70
AV	19.57372G	41.69	63.54	-21.85	38.19	1	Vertical	34	1.60	-	37.87	15.33	49.70

802.11ax HEW40_Nss1,(MCS0)_1TX

6525MHz Straddle 6.425-6.525GHz_TnomVnom

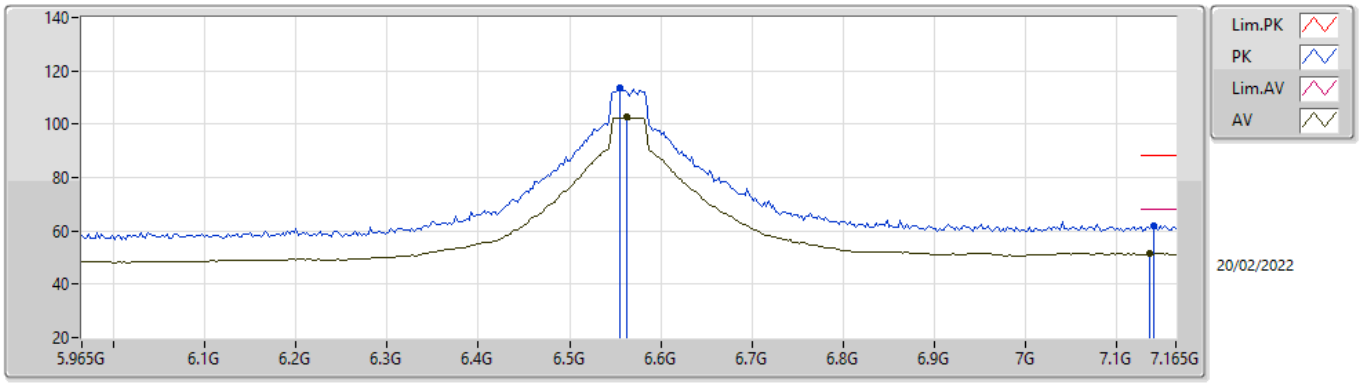


EUT X_1TX
Setting 108
04-D-S-8

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	19.5782G	55.03	83.54	-28.51	51.53	1	Horizontal	6	1.60	-	37.87	15.33	49.70
AV	19.5822G	43.26	63.54	-20.28	39.76	1	Horizontal	6	1.60	-	37.87	15.33	49.70

802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TnomVnom

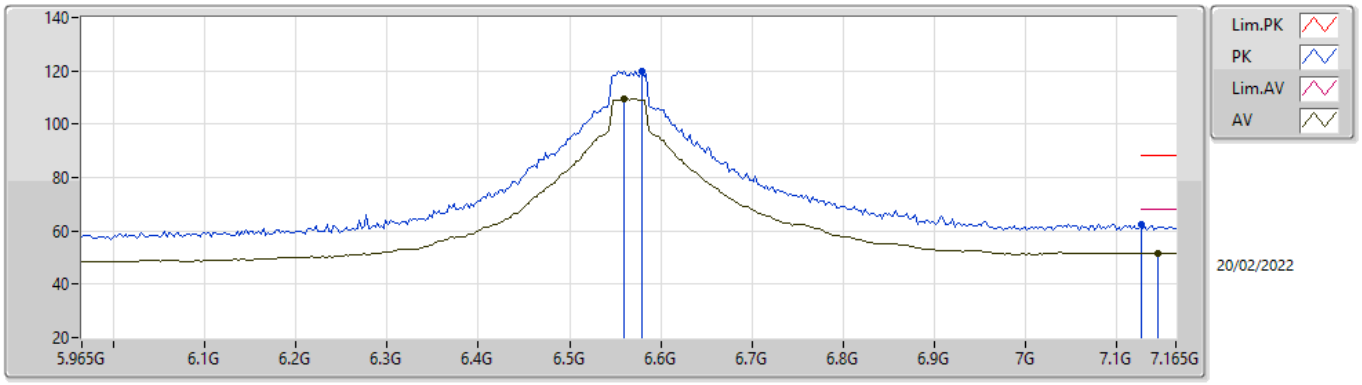


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.5554G	113.43	Inf	-Inf	104.79	3	Vertical	35	1.80	-	36.01	5.70	33.07
RMS	6.5626G	102.57	Inf	-Inf	93.91	3	Vertical	35	1.80	-	36.03	5.70	33.07
PK	7.141G	61.88	88.20	-26.32	52.34	3	Vertical	35	1.80	-	37.03	5.97	33.46
RMS	7.1362G	51.44	68.20	-16.76	41.93	3	Vertical	35	1.80	-	36.99	5.97	33.45

802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TnomVnom

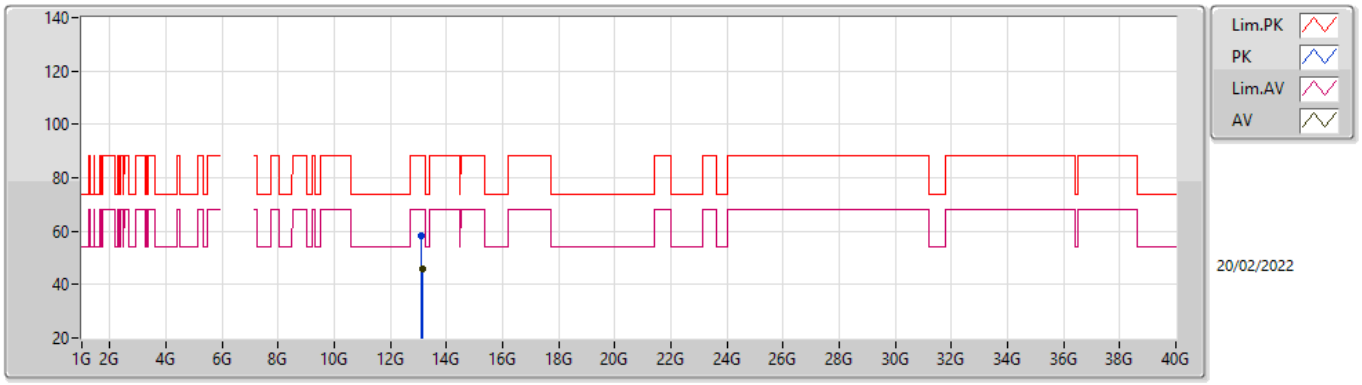


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.5794G	120.03	Inf	-Inf	111.35	3	Horizontal	57	2.21	-	36.06	5.70	33.08
RMS	6.5602G	109.47	Inf	-Inf	100.82	3	Horizontal	57	2.21	-	36.02	5.70	33.07
PK	7.1266G	62.36	88.20	-25.84	52.93	3	Horizontal	57	2.21	-	36.91	5.96	33.44
RMS	7.1458G	51.55	68.20	-16.65	41.97	3	Horizontal	57	2.21	-	37.07	5.97	33.46

802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TnomVnom

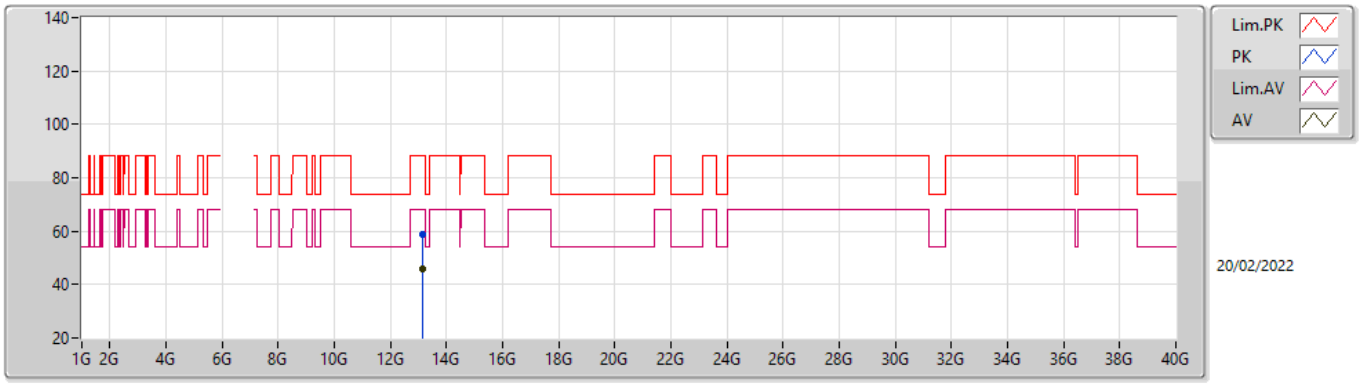


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.12292G	58.24	88.20	-29.96	44.41	3	Vertical	44	1.30	-	39.75	8.78	34.70
RMS	13.1312G	45.96	68.20	-22.24	32.14	3	Vertical	44	1.30	-	39.76	8.77	34.71

802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TnomVnom

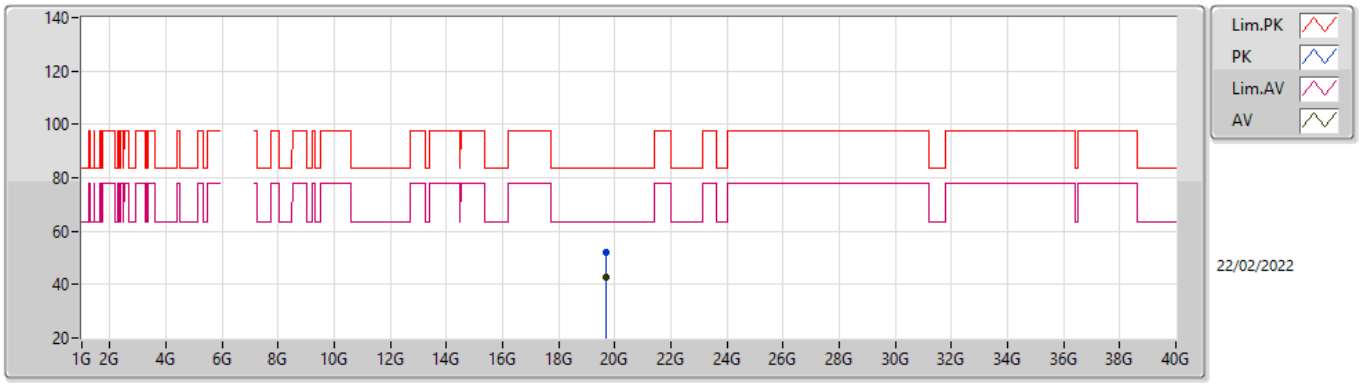


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.1288G	58.64	88.20	-29.56	44.82	3	Horizontal	48	2.16	-	39.76	8.77	34.71
RMS	13.14164G	46.10	68.20	-22.10	32.26	3	Horizontal	48	2.16	-	39.78	8.77	34.71

802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TnomVnom

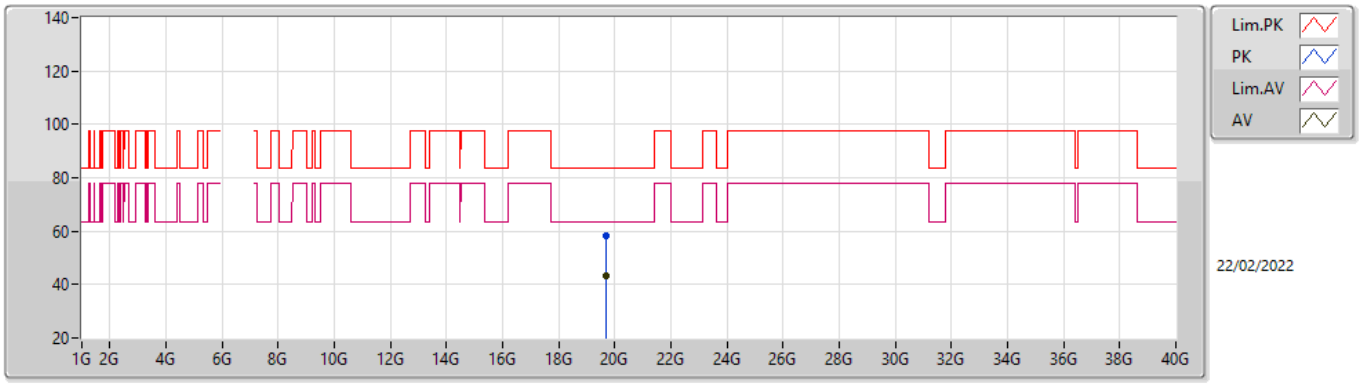


EUT X_1TX
Setting 108
04-D-S-8

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	19.70428G	52.32	83.54	-31.22	48.82	1	Vertical	337	1.60	-	37.82	15.38	49.70
AV	19.69932G	42.80	63.54	-20.74	39.30	1	Vertical	337	1.60	-	37.82	15.38	49.70

802.11ax HEW40_Nss1,(MCS0)_1TX

6565MHz_TnomVnom

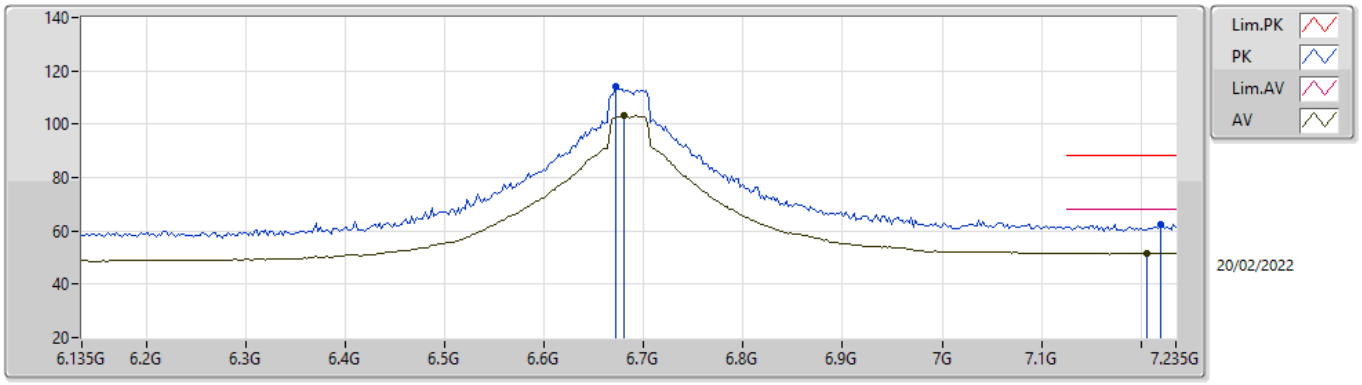


EUT X_1TX
Setting 108
04-D-S-8

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	19.68492G	58.53	83.54	-25.01	55.03	1	Horizontal	6	1.60	-	37.83	15.37	49.70
AV	19.69612G	43.11	63.54	-20.43	39.61	1	Horizontal	6	1.60	-	37.82	15.38	49.70

802.11ax HEW40_Nss1,(MCS0)_1TX

6685MHz_TnomVnom

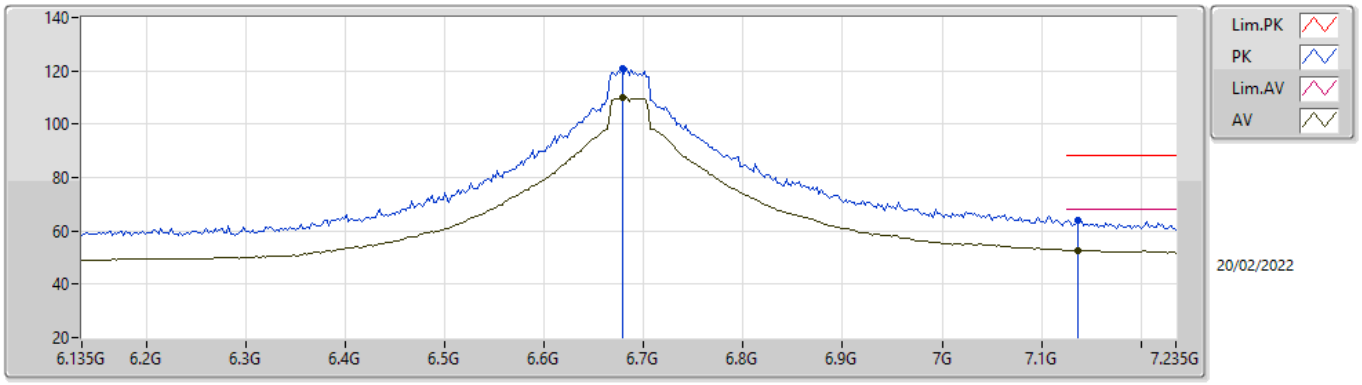


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.6718G	114.10	Inf	-Inf	105.33	3	Vertical	38	1.90	-	36.20	5.70	33.13
RMS	6.6806G	103.23	Inf	-Inf	94.46	3	Vertical	38	1.90	-	36.20	5.70	33.13
PK	7.2196G	62.50	88.20	-25.70	52.70	3	Vertical	38	1.90	-	37.34	6.01	33.55
RMS	7.2064G	51.77	68.20	-16.43	42.00	3	Vertical	38	1.90	-	37.31	6.00	33.54

802.11ax HEW40_Nss1,(MCS0)_1TX

6685MHz_TnomVnom

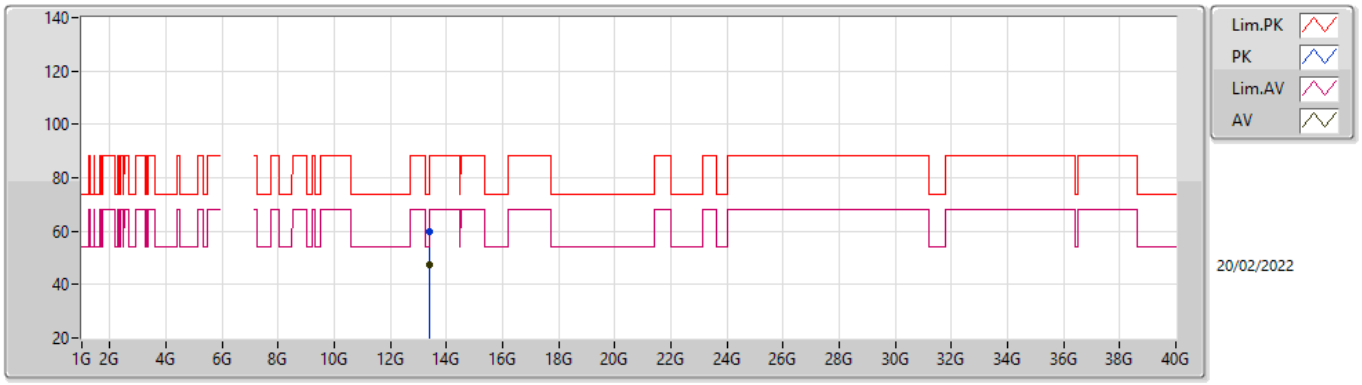


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.6784G	120.92	Inf	-Inf	112.15	3	Horizontal	56	2.17	-	36.20	5.70	33.13
RMS	6.6784G	110.24	Inf	-Inf	101.47	3	Horizontal	56	2.17	-	36.20	5.70	33.13
PK	7.136G	63.94	88.20	-24.26	54.43	3	Horizontal	56	2.17	-	36.99	5.97	33.45
RMS	7.136G	52.77	68.20	-15.43	43.26	3	Horizontal	56	2.17	-	36.99	5.97	33.45

802.11ax HEW40_Nss1,(MCS0)_1TX

6685MHz_TnomVnom

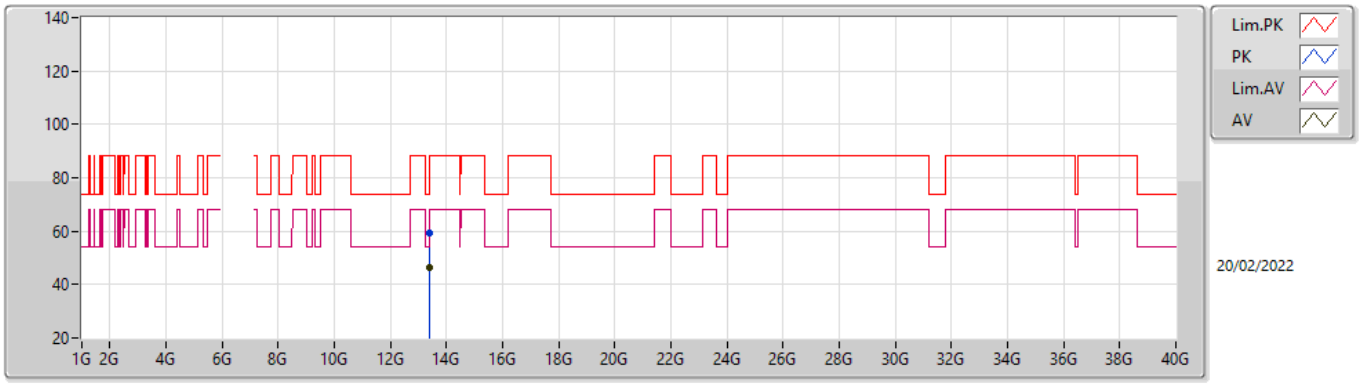


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.37264G	59.78	74.00	-14.22	45.61	3	Vertical	46	1.37	-	40.15	8.73	34.71
AV	13.3712G	47.46	54.00	-6.54	33.30	3	Vertical	46	1.37	-	40.14	8.73	34.71

802.11ax HEW40_Nss1,(MCS0)_1TX

6685MHz_TnomVnom

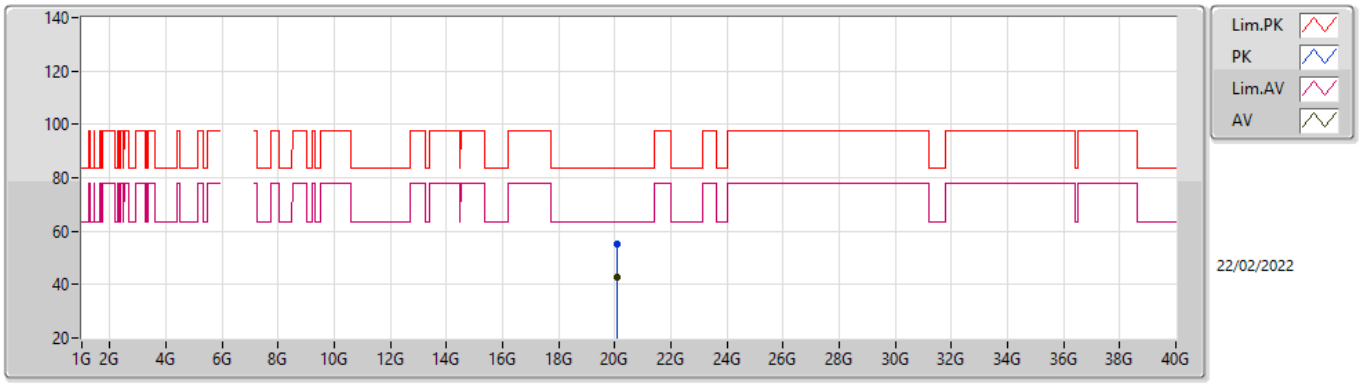


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.36964G	59.52	74.00	-14.48	45.36	3	Horizontal	64	2.72	-	40.14	8.73	34.71
AV	13.36904G	46.62	54.00	-7.38	32.46	3	Horizontal	64	2.72	-	40.14	8.73	34.71

802.11ax HEW40_Nss1,(MCS0)_1TX

6685MHz_TnomVnom

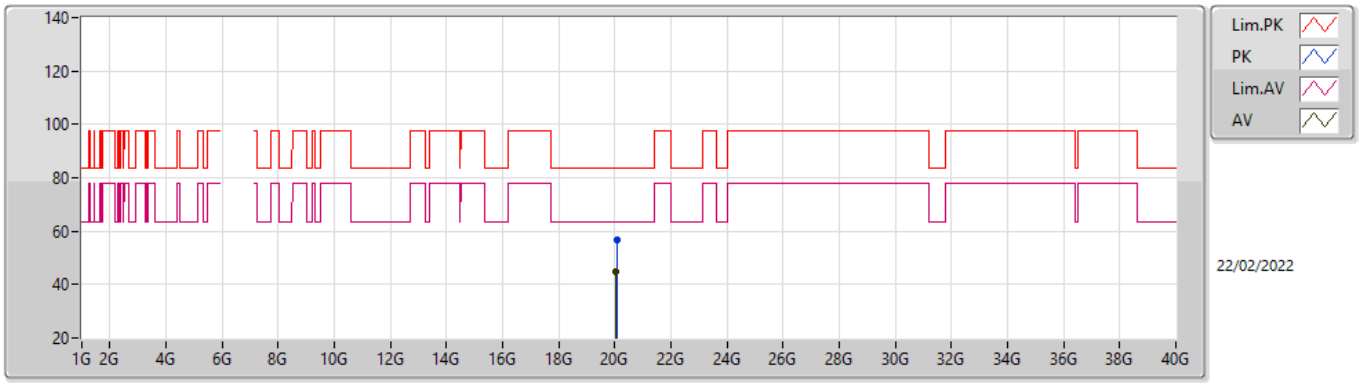


EUT X_1TX
Setting 108
04-D-S-8

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	20.0574G	55.06	83.54	-28.48	51.80	1	Vertical	354	1.60	-	37.45	15.53	49.72
AV	20.07132G	42.76	63.54	-20.78	39.50	1	Vertical	354	1.60	-	37.46	15.53	49.73

802.11ax HEW40_Nss1,(MCS0)_1TX

6685MHz_TnomVnom

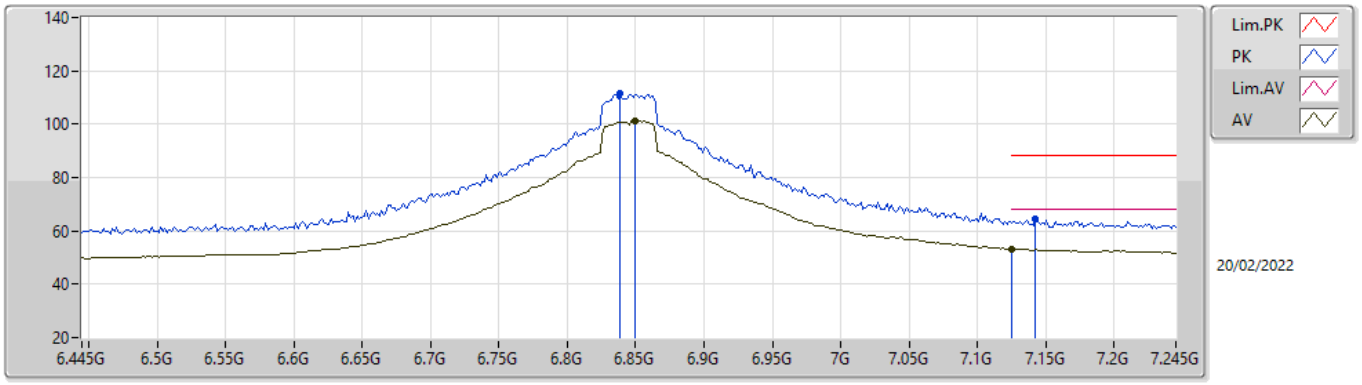


EUT X_1TX
Setting 108
04-D-S-8

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	20.06476G	56.94	83.54	-26.60	53.69	1	Horizontal	308	1.60	-	37.45	15.53	49.73
AV	20.04076G	44.76	63.54	-18.78	41.53	1	Horizontal	308	1.60	-	37.43	15.52	49.72

802.11ax HEW40_Nss1,(MCS0)_1TX

6845MHz_TnomVnom

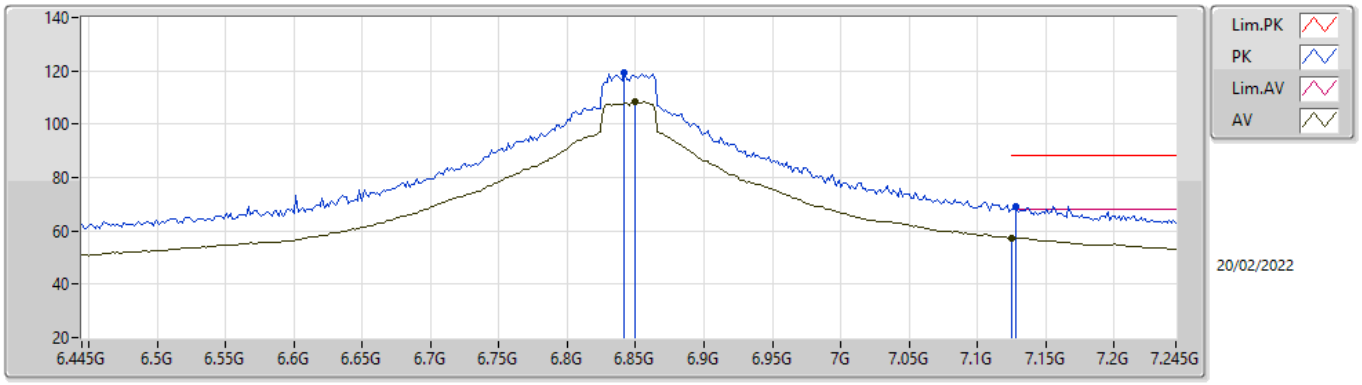


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8386G	111.34	Inf	-Inf	102.28	3	Vertical	82	1.80	-	36.53	5.74	33.21
RMS	6.8498G	101.37	Inf	-Inf	92.23	3	Vertical	82	1.80	-	36.60	5.75	33.21
PK	7.1426G	64.45	88.20	-23.75	54.90	3	Vertical	82	1.80	-	37.04	5.97	33.46
RMS	7.125G	53.05	68.20	-15.15	43.63	3	Vertical	82	1.80	-	36.90	5.96	33.44

802.11ax HEW40_Nss1,(MCS0)_1TX

6845MHz_TnomVnom

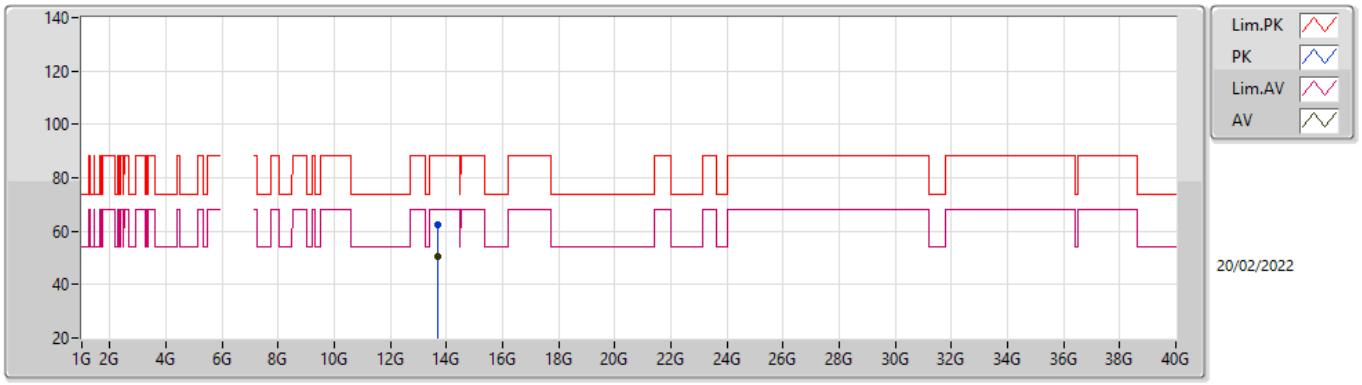


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8418G	119.17	Inf	-Inf	110.09	3	Horizontal	54	2.18	-	36.55	5.74	33.21
RMS	6.8498G	108.29	Inf	-Inf	99.15	3	Horizontal	54	2.18	-	36.60	5.75	33.21
PK	7.1282G	69.12	88.20	-19.08	59.67	3	Horizontal	54	2.18	-	36.93	5.96	33.44
RMS	7.125G	57.39	68.20	-10.81	47.97	3	Horizontal	54	2.18	-	36.90	5.96	33.44

802.11ax HEW40_Nss1,(MCS0)_1TX

6845MHz_TnomVnom

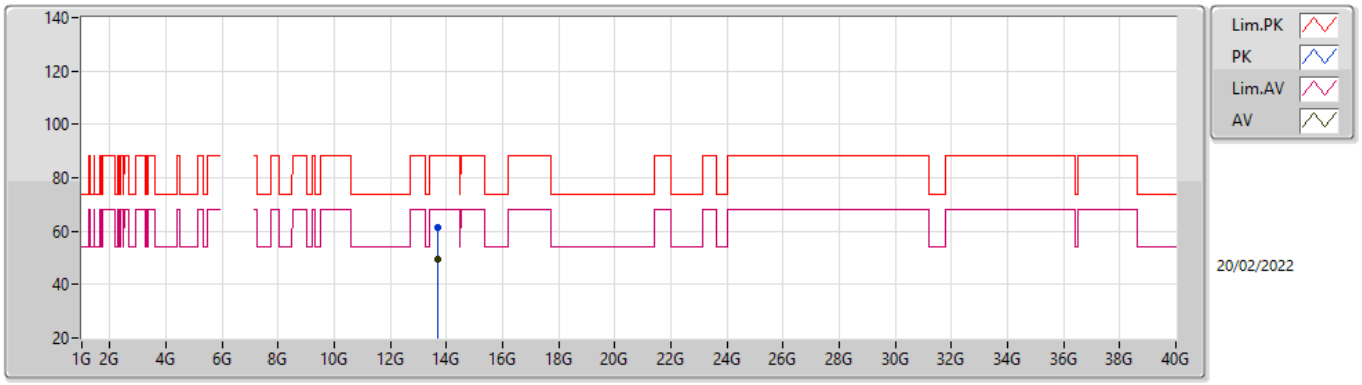


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.69144G	62.23	88.20	-25.97	47.99	3	Vertical	356	1.00	-	40.38	8.66	34.80
RMS	13.68556G	50.32	68.20	-17.88	36.09	3	Vertical	356	1.00	-	40.37	8.66	34.80

802.11ax HEW40_Nss1,(MCS0)_1TX

6845MHz_TnomVnom

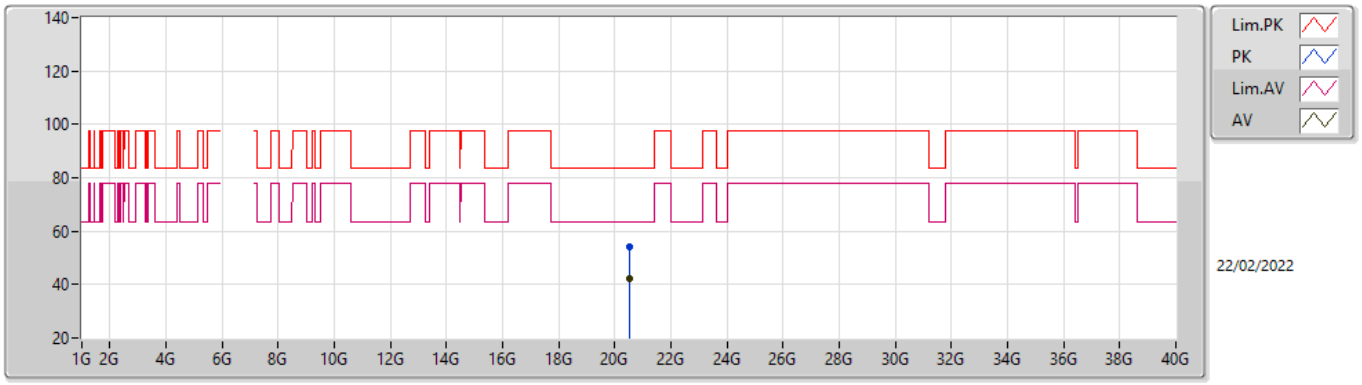


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.69564G	61.37	88.20	-26.83	47.12	3	Horizontal	64	1.60	-	40.39	8.66	34.80
RMS	13.69096G	49.32	68.20	-18.88	35.08	3	Horizontal	64	1.60	-	40.38	8.66	34.80

802.11ax HEW40_Nss1,(MCS0)_1TX

6845MHz_TnomVnom

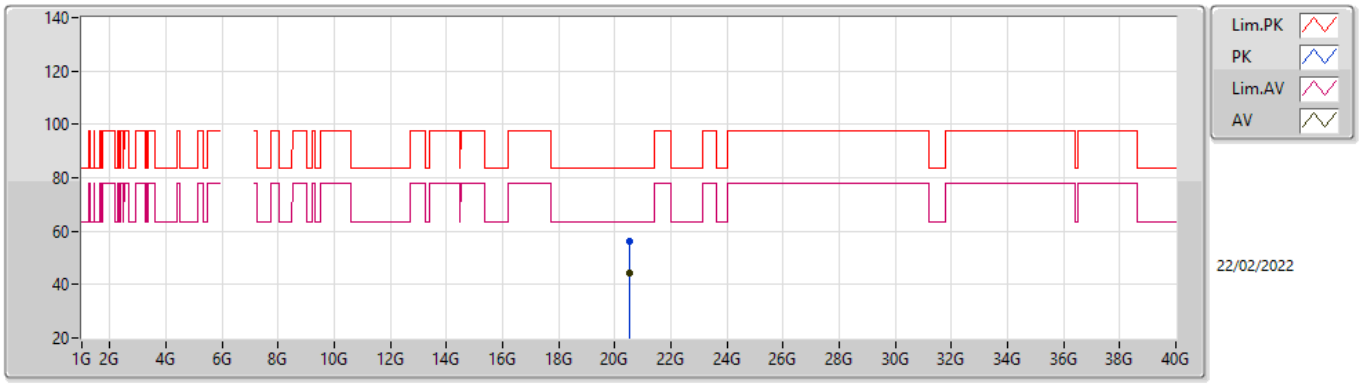


EUT X_1TX
Setting 108
04-D-S-8

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	20.5462G	53.94	83.54	-29.60	50.31	1	Vertical	330	1.60	-	37.76	15.75	49.88
AV	20.547G	42.04	63.54	-21.50	38.41	1	Vertical	330	1.60	-	37.76	15.75	49.88

802.11ax HEW40_Nss1,(MCS0)_1TX

6845MHz_TnomVnom

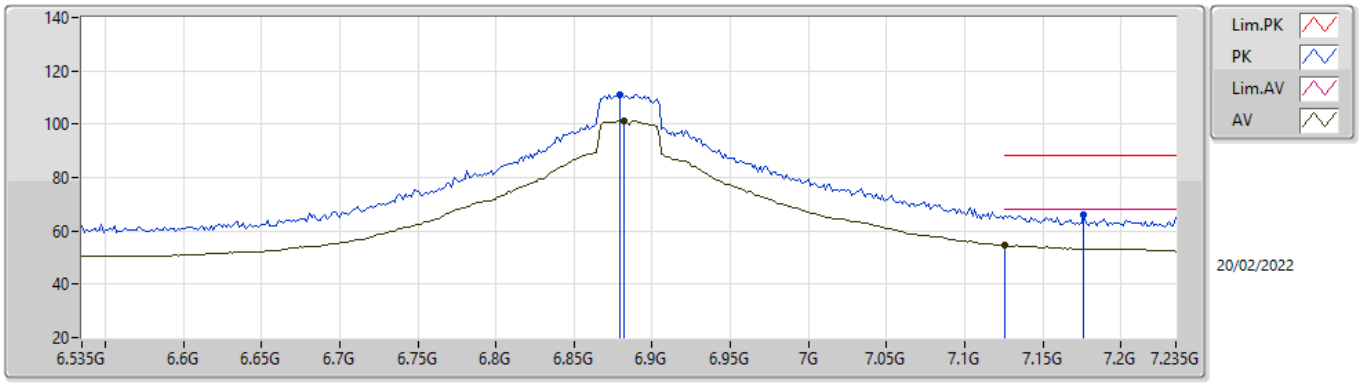


EUT X_1TX
Setting 108
04-D-S-8

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	20.51548G	55.95	83.54	-27.59	52.39	1	Horizontal	313	1.60	-	37.72	15.73	49.89
AV	20.5318G	44.06	63.54	-19.48	40.47	1	Horizontal	313	1.60	-	37.74	15.74	49.89

802.11ax HEW40_Nss1,(MCS0)_1TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

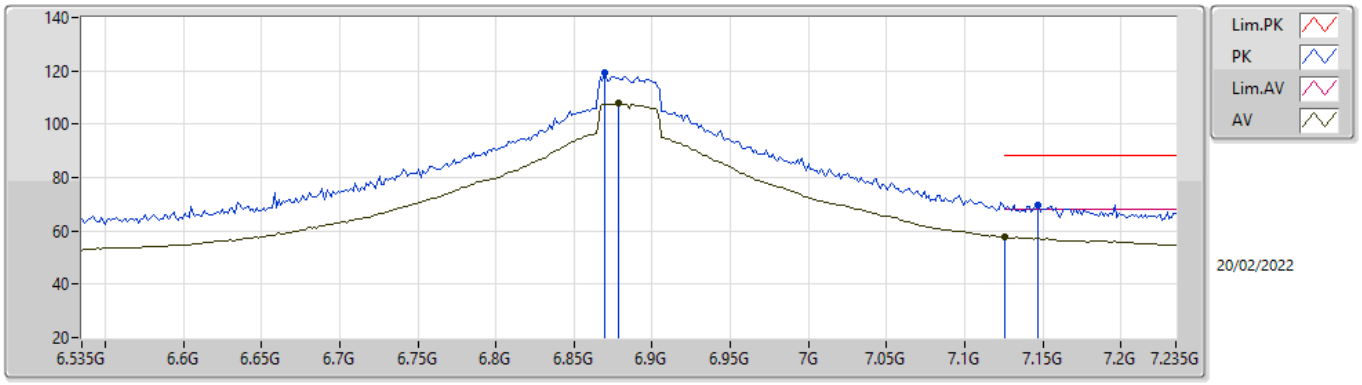


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8794G	111.22	Inf	-Inf	102.19	3	Vertical	86	1.74	-	36.48	5.78	33.23
RMS	6.8822G	101.18	Inf	-Inf	92.16	3	Vertical	86	1.74	-	36.47	5.78	33.23
PK	7.1762G	66.27	88.20	-21.93	56.58	3	Vertical	86	1.74	-	37.20	5.99	33.50
RMS	7.1258G	54.55	68.20	-13.65	45.12	3	Vertical	86	1.74	-	36.91	5.96	33.44

802.11ax HEW40_Nss1,(MCS0)_1TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

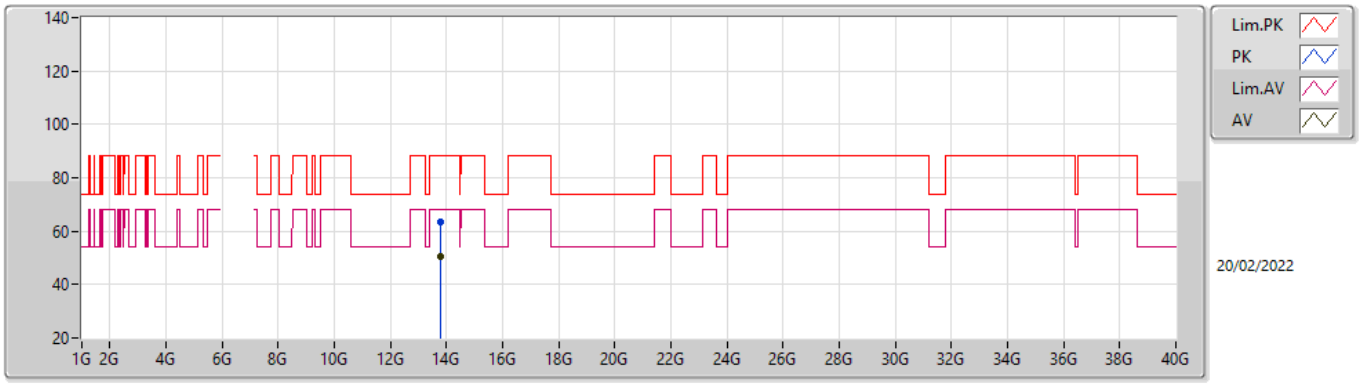


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.8696G	119.32	Inf	-Inf	110.25	3	Horizontal	58	1.60	-	36.52	5.77	33.22
RMS	6.878G	107.83	Inf	-Inf	98.79	3	Horizontal	58	1.60	-	36.49	5.78	33.23
PK	7.1468G	69.67	88.20	-18.53	60.10	3	Horizontal	58	1.60	-	37.07	5.97	33.47
RMS	7.1258G	57.61	68.20	-10.59	48.18	3	Horizontal	58	1.60	-	36.91	5.96	33.44

802.11ax HEW40_Nss1,(MCS0)_1TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

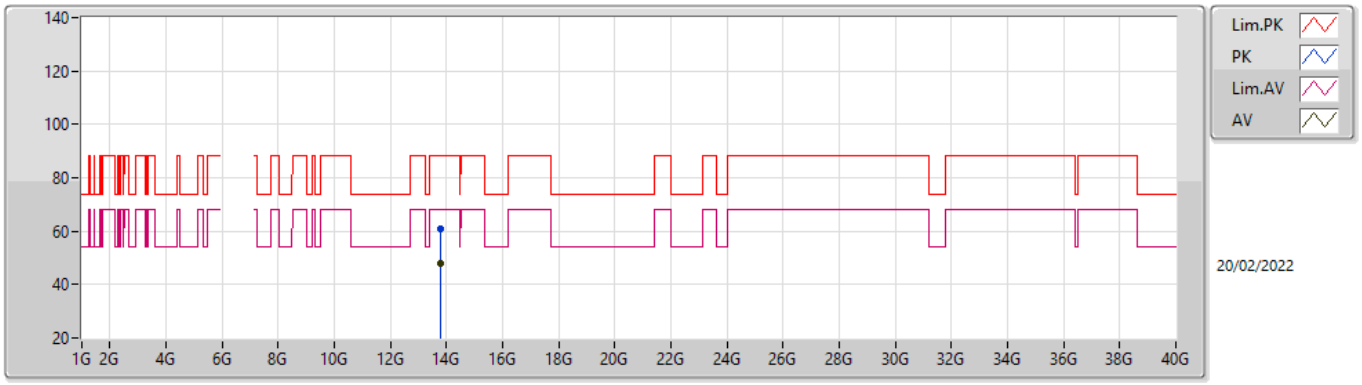


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.77144G	63.39	88.20	-24.81	49.10	3	Vertical	360	1.02	-	40.47	8.65	34.83
RMS	13.76904G	50.33	68.20	-17.87	36.04	3	Vertical	360	1.02	-	40.47	8.65	34.83

802.11ax HEW40_Nss1,(MCS0)_1TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

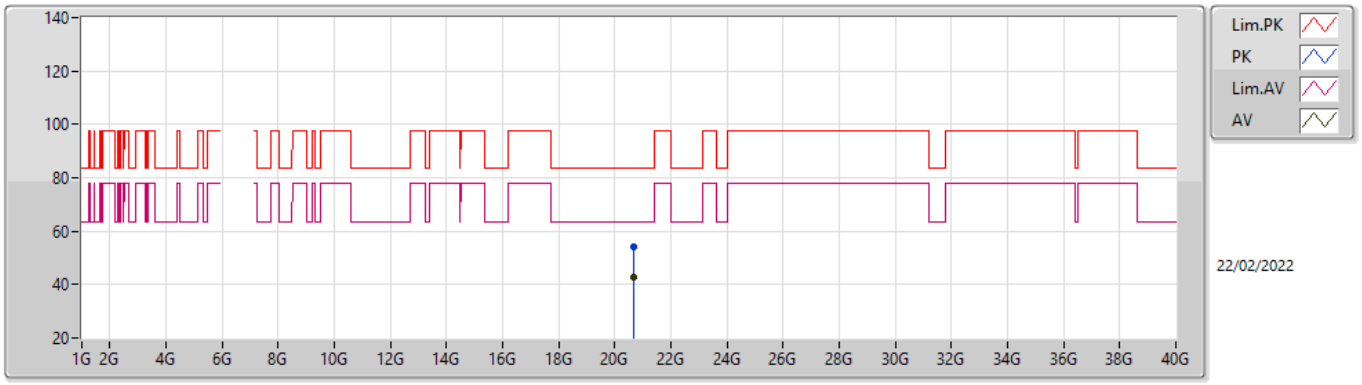


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.77072G	60.66	88.20	-27.54	46.37	3	Horizontal	339	1.80	-	40.47	8.65	34.83
RMS	13.7688G	48.04	68.20	-20.16	33.75	3	Horizontal	339	1.80	-	40.47	8.65	34.83

802.11ax HEW40_Nss1,(MCS0)_1TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

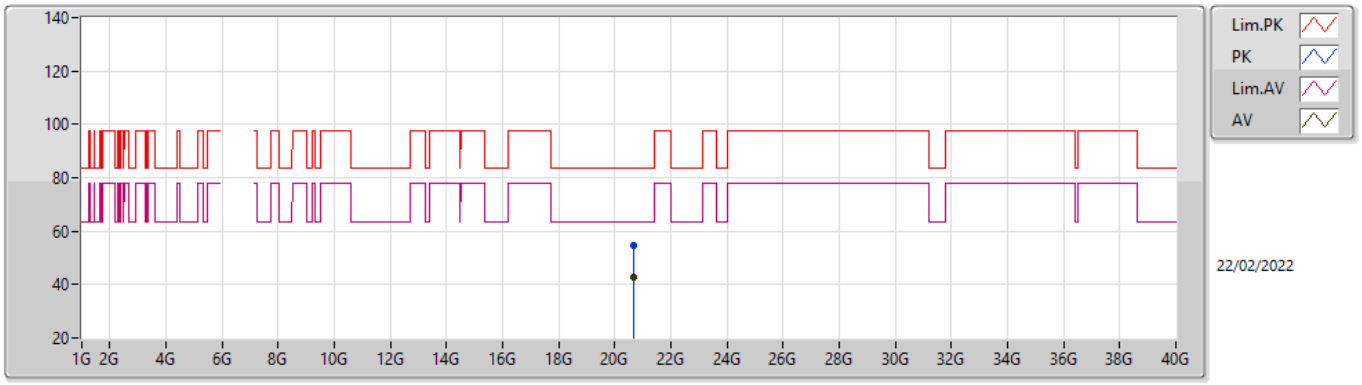


EUT X_1TX
Setting 108
04-D-S-8

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	20.6494G	54.19	83.54	-29.35	50.36	1	Vertical	330	1.55	-	37.88	15.79	49.84
AV	20.65724G	42.81	63.54	-20.73	38.96	1	Vertical	330	1.55	-	37.89	15.80	49.84

802.11ax HEW40_Nss1,(MCS0)_1TX

6885MHz Straddle 6.525-6.875GHz_TnomVnom

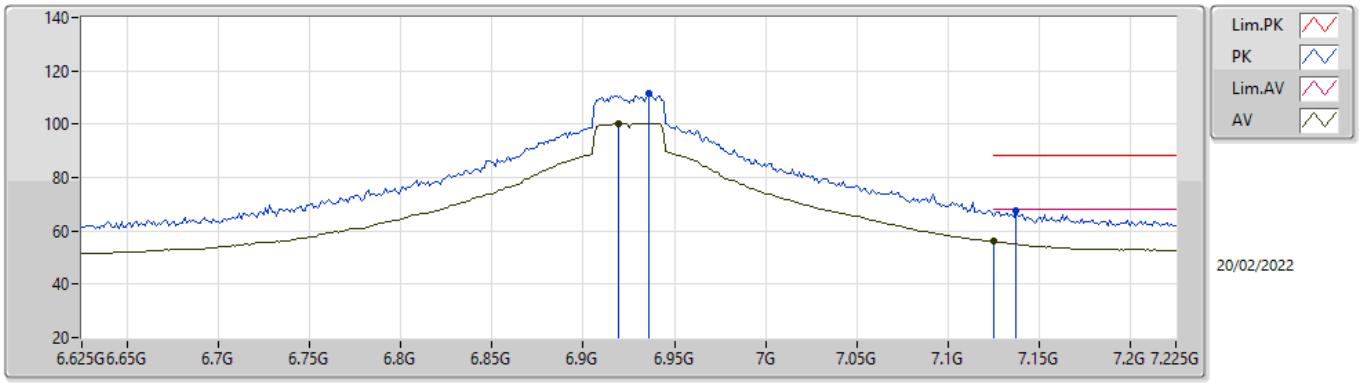


EUT X_1TX
Setting 108
04-D-S-8

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	20.6606G	54.87	83.54	-28.67	51.02	1	Horizontal	26	1.60	-	37.89	15.80	49.84
AV	20.66252G	42.51	63.54	-21.03	38.64	1	Horizontal	26	1.60	-	37.90	15.80	49.83

802.11ax HEW40_Nss1,(MCS0)_1TX

6925MHz_TnomVnom

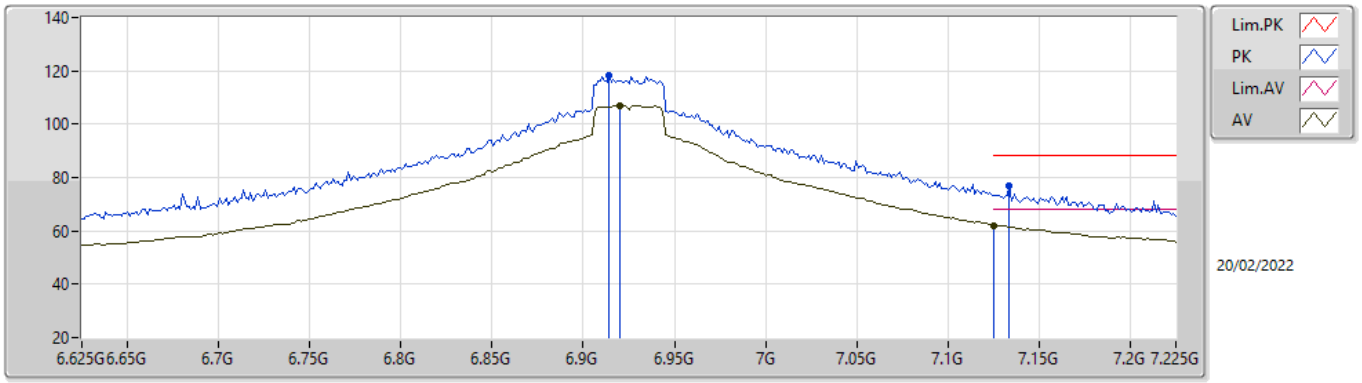


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.9358G	111.48	Inf	-Inf	102.21	3	Vertical	41	1.87	-	36.69	5.84	33.26
RMS	6.919G	100.23	Inf	-Inf	91.11	3	Vertical	41	1.87	-	36.55	5.82	33.25
PK	7.1374G	67.52	88.20	-20.68	58.00	3	Vertical	41	1.87	-	37.00	5.97	33.45
RMS	7.1254G	55.97	68.20	-12.23	46.55	3	Vertical	41	1.87	-	36.90	5.96	33.44

802.11ax HEW40_Nss1,(MCS0)_1TX

6925MHz_TnomVnom

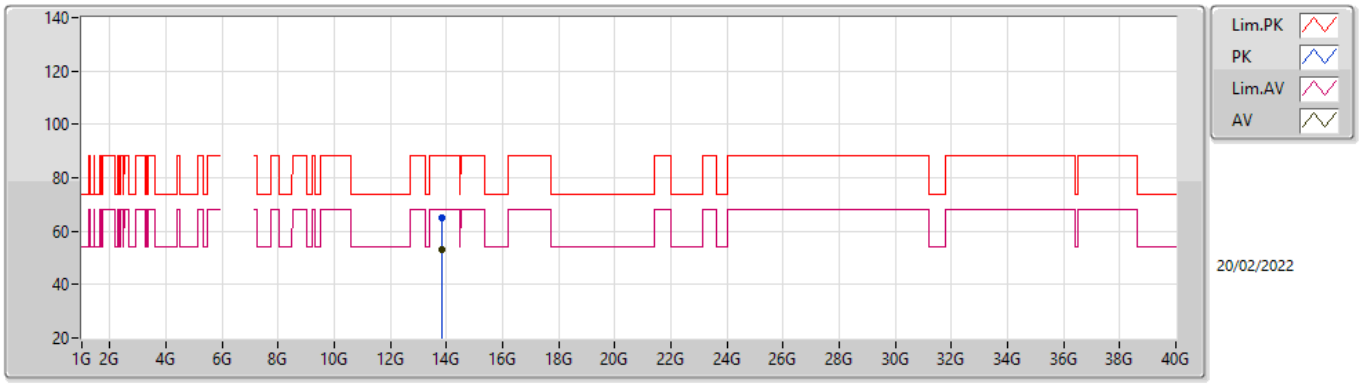


EUT X_1TX
Setting 108
04-D-K-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	6.9142G	118.11	Inf	-Inf	109.04	3	Horizontal	59	2.16	-	36.51	5.81	33.25
RMS	6.9202G	106.94	Inf	-Inf	97.81	3	Horizontal	59	2.16	-	36.56	5.82	33.25
PK	7.1338G	76.89	88.20	-11.31	67.40	3	Horizontal	59	2.16	-	36.97	5.97	33.45
RMS	7.1254G	62.05	68.20	-6.15	52.63	3	Horizontal	59	2.16	-	36.90	5.96	33.44

802.11ax HEW40_Nss1,(MCS0)_1TX

6925MHz_TnomVnom

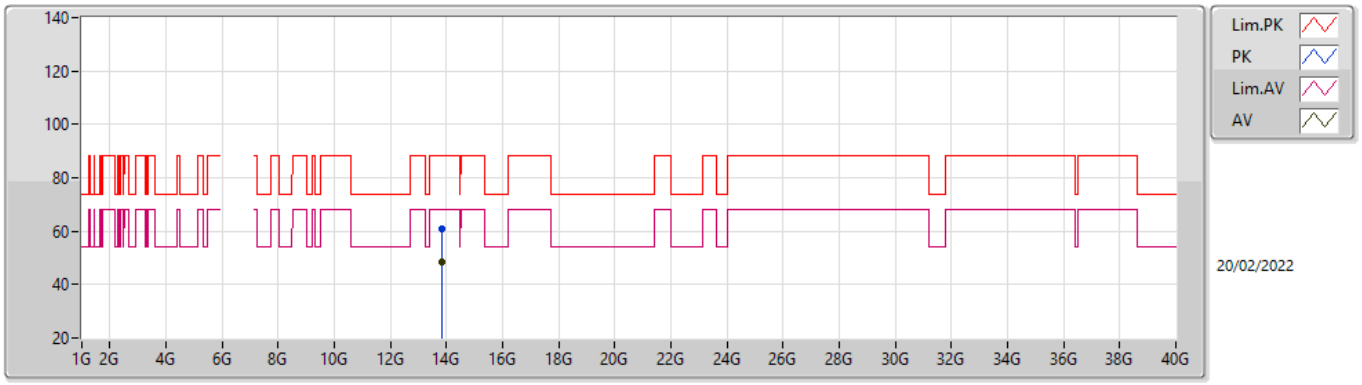


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.85156G	65.09	88.20	-23.11	50.78	3	Vertical	46	1.97	-	40.55	8.63	34.87
RMS	13.85132G	52.90	68.20	-15.30	38.59	3	Vertical	46	1.97	-	40.55	8.63	34.87

802.11ax HEW40_Nss1,(MCS0)_1TX

6925MHz_TnomVnom

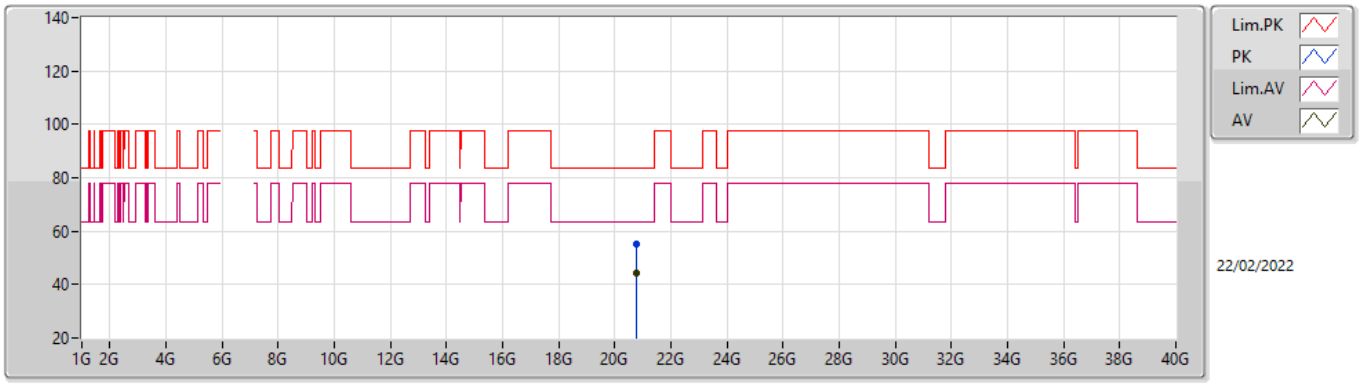


EUT X_1TX
Setting 108
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	13.85864G	60.83	88.20	-27.37	46.51	3	Horizontal	344	1.80	-	40.56	8.63	34.87
RMS	13.8506G	48.19	68.20	-20.01	33.88	3	Horizontal	344	1.80	-	40.55	8.63	34.87

802.11ax HEW40_Nss1,(MCS0)_1TX

6925MHz_TnomVnom

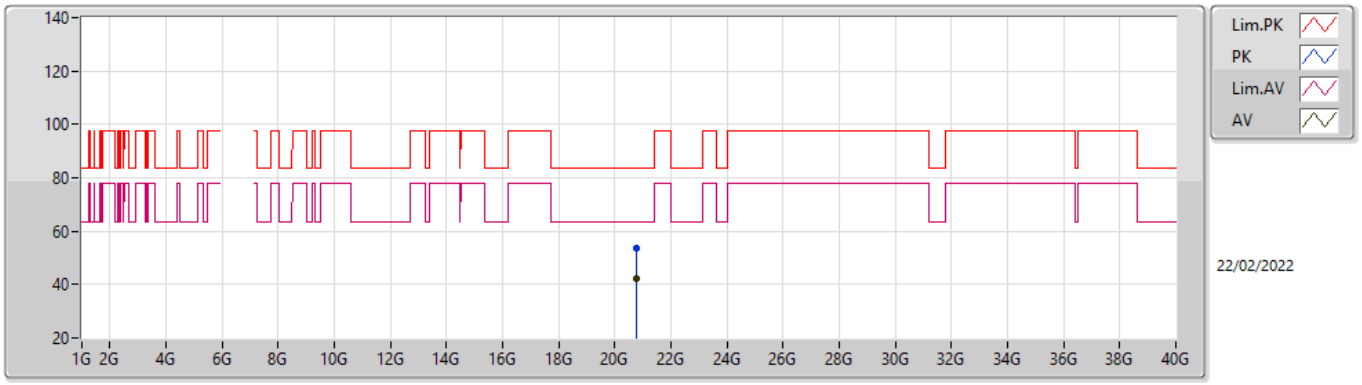


EUT X_1TX
Setting 108
04-D-S-8

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	20.76348G	55.22	83.54	-28.32	51.19	1	Vertical	342	1.60	-	37.98	15.84	49.79
AV	20.77868G	44.13	63.54	-19.41	40.12	1	Vertical	342	1.60	-	37.95	15.85	49.79

802.11ax HEW40_Nss1,(MCS0)_1TX

6925MHz_TnomVnom



EUT X_1TX
Setting 108
04-D-S-8

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	20.76988G	53.78	83.54	-29.76	49.75	1	Horizontal	26	1.60	-	37.97	15.85	49.79
AV	20.77212G	42.03	63.54	-21.51	38.01	1	Horizontal	26	1.60	-	37.96	15.85	49.79