



RADIO TEST REPORT

FCC ID : TVE-241003
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 231Kxxxxxxxxxx, FAP-231Kxxxxxxxxxx,
FORTIAP-231Kxxxxxxxxxx
(Please refer to section 1.1.5 for detail information.)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 24, 2024, and testing was started from Jan. 09, 2025 and completed on Apr. 29, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Rex Liao

Sporton International Inc. Hsinchu Laboratory

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	11
1.3 Testing Location Information	11
1.4 Measurement Uncertainty	12
2 Test Configuration of EUT.....	13
2.1 Test Channel Mode	13
2.2 The Worst Case Measurement Configuration.....	14
2.3 EUT Operation during Test	16
2.4 Accessories	16
2.5 Support Equipment.....	17
2.6 Test Setup Diagram	18
3 Transmitter Test Result	21
3.1 AC Power-line Conducted Emissions	21
3.2 Emission Bandwidth	23
3.3 Maximum EIRP Output Power	24
3.4 EIRP Power Spectral Density.....	26
3.5 Unwanted Emissions.....	29
4 Test Equipment and Calibration Data	34
Appendix A. Test Results of AC Power-line Conducted Emissions	
Appendix B. Test Results of Emission Bandwidth	
Appendix C. Test Results of Maximum EIRP Output Power	
Appendix D. Test Results of EIRP Power Spectral Density	
Appendix E. Test Results of Unwanted Emissions	
Appendix F. Test Results of Radiated Emission Co-location	
Appendix G. Test Photos	
Photographs of EUT v01	



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_6 Ver2.0



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 EIRP Output Power	PASS	-
3.4	15.407(a)	EIRP Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen**Report Producer: Wendy Pan**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5725-5895	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5845-5885	169-177 [3]
5725-5895	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5835-5875	167-175 [2]
5725-5895	ac (VHT80), ax (HEW80), be (EHT80)	5855	171 [1]
5725-5895	ac (VHT160), ax (HEW160), be (EHT160)	5815	163 [1]

Band	Mode	BWch	Nant
5.725-5.895GHz	802.11a	20	2TX
5.725-5.895GHz	802.11n HT20	20	2TX
5.725-5.895GHz	802.11n HT20-BF	20	2TX
5.725-5.895GHz	802.11ac VHT20	20	2TX
5.725-5.895GHz	802.11ac VHT20-BF	20	2TX
5.725-5.895GHz	802.11ax HEW20	20	2TX
5.725-5.895GHz	802.11ax HEW20-BF	20	2TX
5.725-5.895GHz	802.11be EHT20	20	2TX
5.725-5.895GHz	802.11be EHT20-BF	20	2TX
5.725-5.895GHz	802.11n HT40	40	2TX
5.725-5.895GHz	802.11n HT40-BF	40	2TX
5.725-5.895GHz	802.11ac VHT40	40	2TX
5.725-5.895GHz	802.11ac VHT40-BF	40	2TX
5.725-5.895GHz	802.11ax HEW40	40	2TX
5.725-5.895GHz	802.11ax HEW40-BF	40	2TX
5.725-5.895GHz	802.11be EHT40	40	2TX
5.725-5.895GHz	802.11be EHT40-BF	40	2TX
5.725-5.895GHz	802.11ac VHT80	80	2TX
5.725-5.895GHz	802.11ac VHT80-BF	80	2TX
5.725-5.895GHz	802.11ax HEW80	80	2TX
5.725-5.895GHz	802.11ax HEW80-BF	80	2TX
5.725-5.895GHz	802.11be EHT80	80	2TX
5.725-5.895GHz	802.11be EHT80-BF	80	2TX
5.725-5.895GHz	802.11ac VHT160	160	2TX
5.725-5.895GHz	802.11ac VHT160-BF	160	2TX
5.725-5.895GHz	802.11ax HEW160	160	2TX
5.725-5.895GHz	802.11ax HEW160-BF	160	2TX
5.725-5.895GHz	802.11be EHT160	160	2TX
5.725-5.895GHz	802.11be EHT160-BF	160	2TX

**Note:**

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port					Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth / Zigbee	GNSS					
1	2	1	-	-	-	Grand-Tek	1034G00000500	PIFA	MHF I	Note 1
2	1	2	-	-	-	Grand-Tek	1034G00000510	PIFA	MHF I	
3	-	-	1	-	-	Grand-Tek	1033G00000220	PIFA	MHF I	
4	-	-	2	-	-	Grand-Tek	103CG00000560	Alford Loop	MHF I	
5	-	-	-	1	-	Grand-Tek	1039G00000050	PIFA	MHF I	
6	-	-	-	-	1	Grand-Tek	1031G00000330	PATCH	MHF I	

Note 1:

Ant.	Antenna Gain (dBi)												
	WLAN 2.4GHz			WLAN 5GHz					WLAN 6GHz				
	2400 MHz	2450 MHz	2500 MHz	5150 MHz	5350 MHz	5500 MHz	5650 MHz	5850 MHz	5925 MHz	6350 MHz	6550 MHz	6950 MHz	7125 MHz
1	4.7	5	5	5	5.1	5.1	5.1	5.8	-	-	-	-	-
2	4.2	4.2	4.4	5.9	6.1	6.1	5.7	6	-	-	-	-	-
3	-	-	-	-	-	-	-	-	5.3	5.1	5.2	4.9	5.2
4	-	-	-	-	-	-	-	-	6	6	6.1	5.6	5.6

Ant.	Bluetooth /Zigbee			GNSS	
	2400 MHz	2450 MHz	2500 MHz	1575 MHz	1602 MHz
5	3.8	3.4	3.8	-	-
6	-	-	-	4.5	3.6

Note2: The above information was declared by manufacturer.

For 2.4GHz function**For IEEE 802.11 b/g/n/VHT/ax/be (2TX/2RX):**

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

Port 1~2 could transmit/receive simultaneously.

For 5GHz function:**For IEEE 802.11 a/n/ac/ax/be (2TX/2RX):**

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

Port 1~2 could transmit/receive simultaneously.

For 6GHz function:**For IEEE 802.11 ax/be (2TX/2RX):**

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

Port 1~2 could transmit/receive simultaneously.

For Bluetooth/Zigbee function (1TX/1RX):

Only Port 1 can be used as transmitting antenna.

Note3: 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 $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{BPF}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{BPF}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left\{ \sum_{k=1}^{N_{BPF}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

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

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

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

For nonTXBF power :

2.4G G1= 5 dBi ;G2= 4.4 dBi ;DG= 5 dBi

5G UNII-1 G1= 5 dBi ;G2= 5.9 dBi ;DG= 5.9 dBi

5G UNII-2A G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 6.1 dBi

5G UNII-2C G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 6.1 dBi

5G UNII-3 G1= 5.8 dBi ;G2= 6 dBi ;DG= 6 dBi

5G UNII-4 G1= 5.8 dBi ;G2= 6 dBi ;DG= 6 dBi

For nonTXBF PSD / TXBF power :

2.4G G1= 5 dBi ;G2= 4.4 dBi ;DG= 7.72 dBi

5G UNII-1 G1= 5 dBi ;G2= 5.9 dBi ;DG= 8.47 dBi

5G UNII-2A G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 8.62 dBi

5G UNII-2C G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 8.62 dBi

5G UNII-3 G1= 5.8 dBi ;G2= 6 dBi ;DG= 8.91 dBi

5G UNII-4 G1= 5.8 dBi ;G2= 6 dBi ;DG= 8.91 dBi

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.994	0.03	1.98m	10Hz (DC>=0.98)
802.11be EHT20_Nss 1,(M0)	0.982	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.982	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss 1,(M0)	0.981	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss 1,(M0)	0.981	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss 1,(M0)	0.977	0.1	5.456m	200
802.11be EHT80-BF_Nss 1,(M0)	0.977	0.1	5.456m	200
802.11be EHT160_Nss 1,(M0)	0.983	0.07	5.456m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss 1,(M0)	0.983	0.07	5.456m	10Hz (DC>=0.98)

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From AC Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Device Type	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client		
Channel Puncturing Function	☐	Supported Static Puncturing		
	☐	Supported Dynamic Puncturing (Reduce BW)		
	☒	Unsupported		
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QSPR_x86.exe			

Note: The above information was declared by manufacturer.



1.1.5 Table for Multiple Listing

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

Model Name	Description
FortiAP 231Kxxxxxxxxxx	All three model names are the same, no difference. The purpose for these three model names is for marketing sales.
FAP-231Kxxxxxxxxxx	
FORTIAP-231Kxxxxxxxxxx	
(Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)	

Note 1: From the above models, model: FAP-231K was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ 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 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01
- ♦ FCC KDB 291074 D02 v01

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	TH01-CB	Brian Sun	21.7~22.9 / 58~61	Jan. 10, 2025~ Feb. 12, 2025
				Apr. 15, 2025~ Apr. 29, 2025
Radiated below 1GHz	03CH03-CB	Gordon Hung	22.2-22.6 / 59-61	Jan. 10, 2025~ Mar. 22, 2025
Radiated above 1GHz	03CH02-CB	Gordon Hung	22-23 / 61-63	Jan. 10, 2025~ Mar. 22, 2025
				Apr. 14, 2025
Radiated Co-Location	03CH03-CB	Gordon Hung	22.2-22.6 / 59-61	Jan. 10, 2025~ Mar. 22, 2025
AC Conduction	CO01-CB	Tim Chen	22~23 / 56~57	Jan. 09, 2025

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11a_Nss1,(6Mbps)_2TX
5845MHz
5865MHz
5885MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5845MHz
5865MHz
5885MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5835MHz
5875MHz
802.11be EHT80_Nss1,(MCS0)_2TX
5855MHz
802.11be EHT160_Nss1,(MCS0)_2TX
5815MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5845MHz
5865MHz
5885MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5835MHz
5875MHz
802.11be EHT80-BF_Nss1,(MCS0)_2TX
5855MHz
802.11be EHT160-BF_Nss1,(MCS0)_2TX
5815MHz

Note:

- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been selected to execute all tests. The beamforming mode evaluates the output power only.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Bluetooth + Adapter
2	EUT Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Zigbee + Adapter
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Zigbee + PoE
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum EIRP Output Power EIRP Power Spectral Density
Test Condition	Conducted measurement at transmit chains

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	CTX
	After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis + WLAN 2.4GHz + Adapter
2	EUT in Y axis + WLAN 5GHz + Adapter
3	EUT in Y axis + WLAN 6GHz + Adapter
4	EUT in Y axis + Bluetooth + Adapter
5	EUT in Y axis + Zigbee + Adapter
Mode 1 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	EUT in Y axis + WLAN 2.4GHz + PoE
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz+Bluetooth
2	WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz+Zigbee
Refer to Sporton Test Report No.: FA4D2406 for Co-location RF Exposure Evaluation.	

Note1: The PoE and Adapter are for measurement only, would not be marketed. PoE and Adapter information as below:

Power	Brand	Model
PoE	Microsemi	PD-9501-10GC/AC
Adapter	APD	WA-48A12R

Note2: The end user can't use the console port.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Wall Bracket*1



2.5 Support Equipment

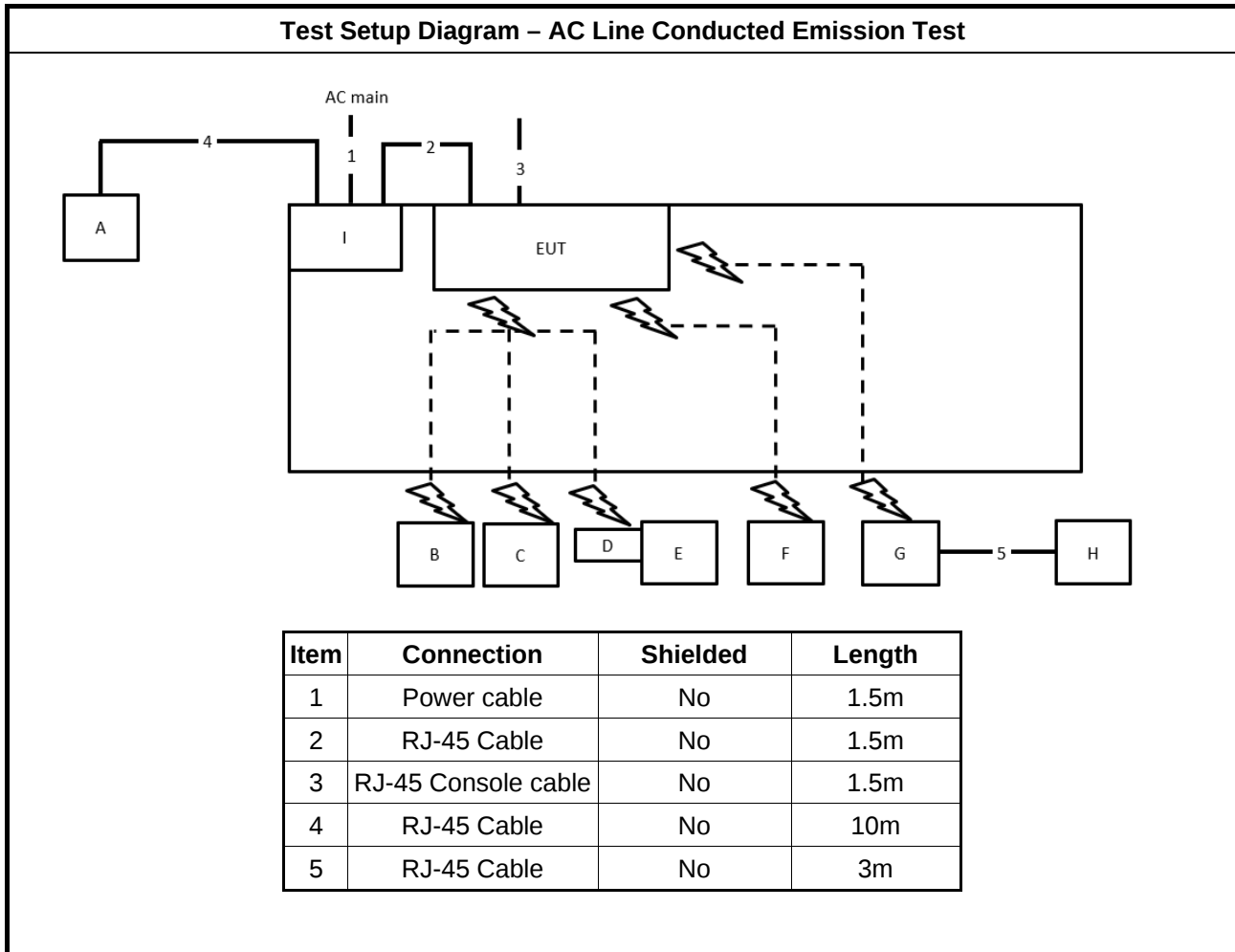
For AC Conduction:

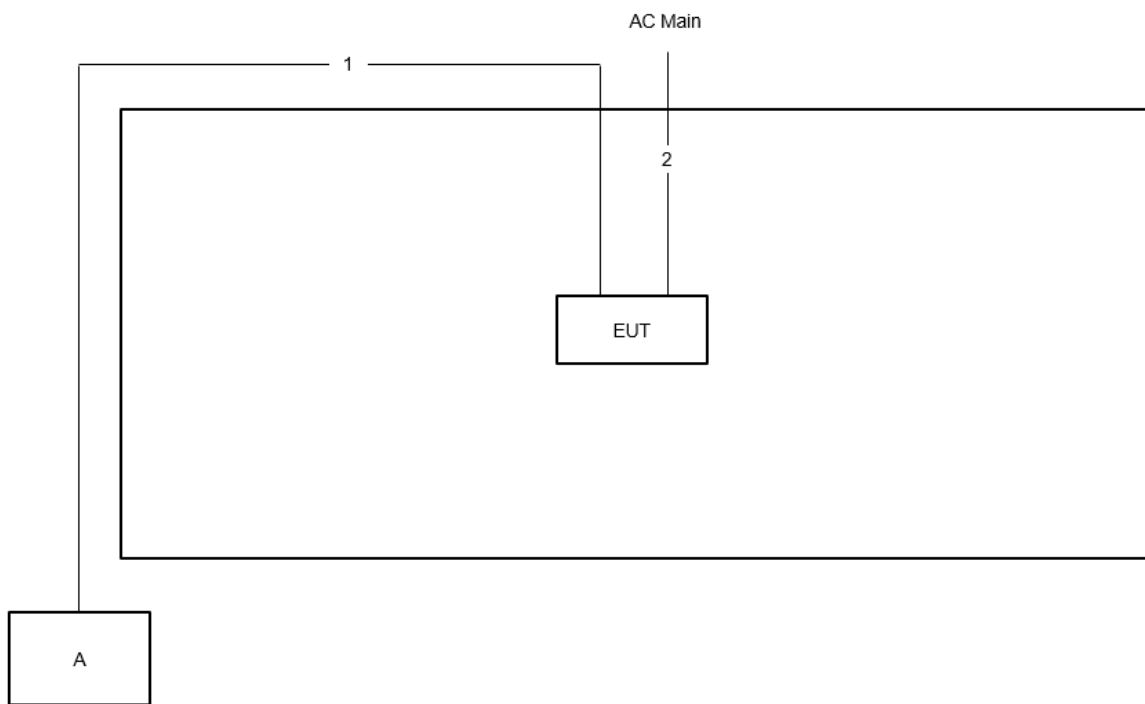
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN PC	ASUS	S300TA	TX2-RTL8821CE
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6220	N/A
D	6G module	MTK	MT7927	N/A
E	6G NB	DELL	E6400	N/A
F	GPS Simulator	WELNAVIGATE	GS-100	N/A
G	Zigbee Device	FORTINET	FAP-231K	TVE-241003
H	Zigbee Device PC	ASUS	S300TA	TX2-RTL8821CE
I	PoE	Microsemi	PD-9501-10GC/AC	N/A

For Radiated and RF Conducted:

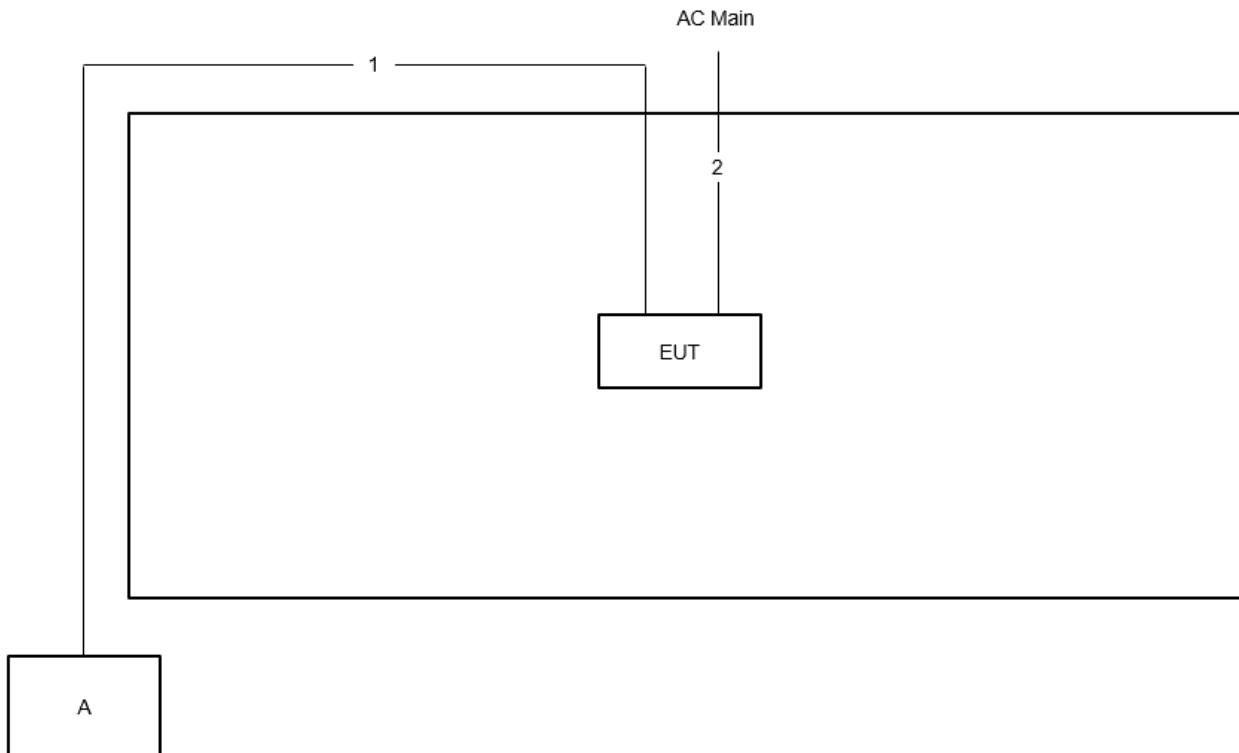
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	AC Adapter	APD	WA-48A12R	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


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

Test Setup Diagram - Radiated Test > 1GHz


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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

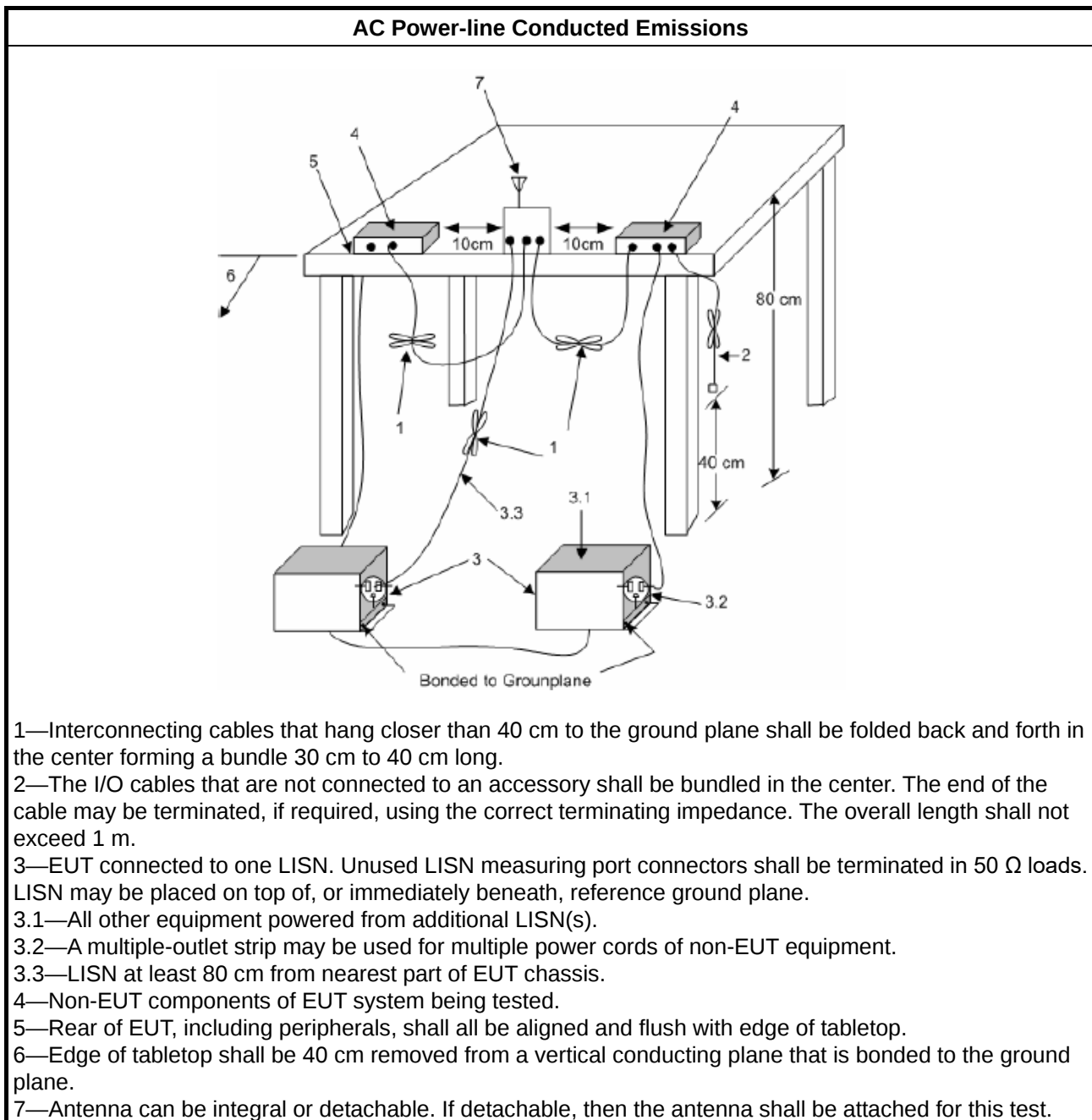
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

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 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq$ 500kHz.
LE-LAN Devices	
☐	For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq$ 500kHz.

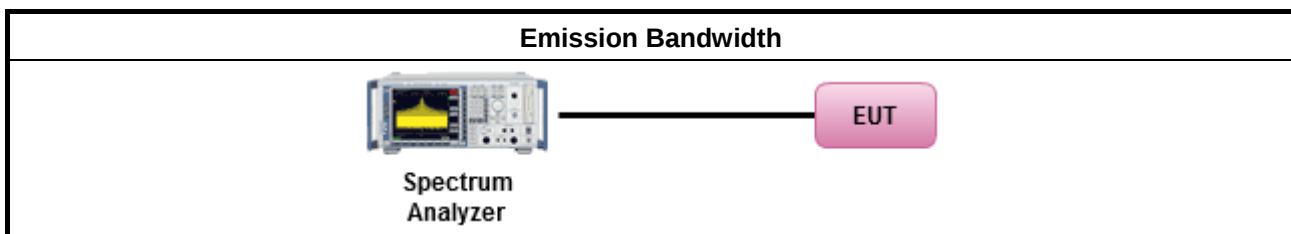
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum EIRP Output Power

3.3.1 Limit

Maximum EIRP Output Power Limit	
UNII Devices	
☒ For the 5.85-5.895 GHz band:	
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐ For the 5.85-5.895 GHz band:	
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Indoor client device < 30 dBm
	▪ Fixed outdoor AP device < 36 dBm
	▪ Fixed outdoor client device < 30 dBm

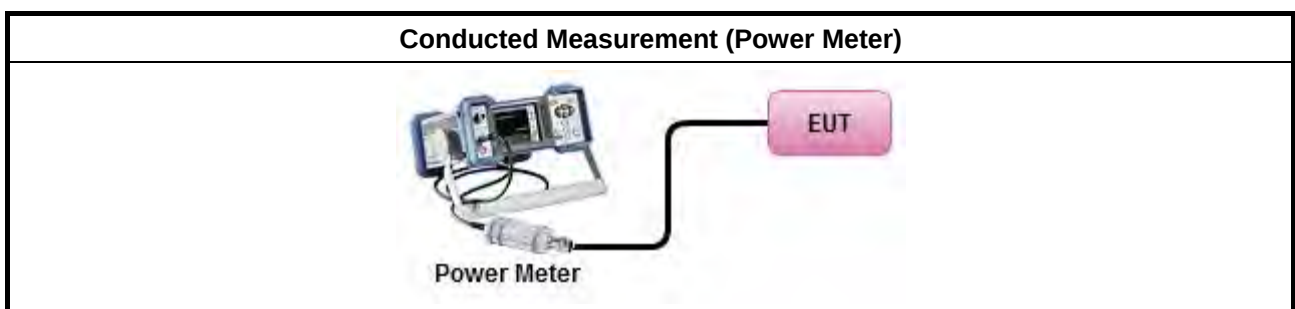
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
	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)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



3.4 EIRP Power Spectral Density

3.4.1 Limit

EIRP Power Spectral Density Limit	
UNII Devices	
☒ For the 5.85-5.895 GHz band:	
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐ For the 5.85-5.895 GHz band:	
	▪ Indoor AP & subordinate device < 20 dBm/MHz
	▪ Indoor client device < 14 dBm/MHz
	▪ Fixed outdoor AP device < 23 dBm/MHz
	▪ Fixed outdoor client device < 17 dBm/MHz

3.4.2 Measuring Instruments

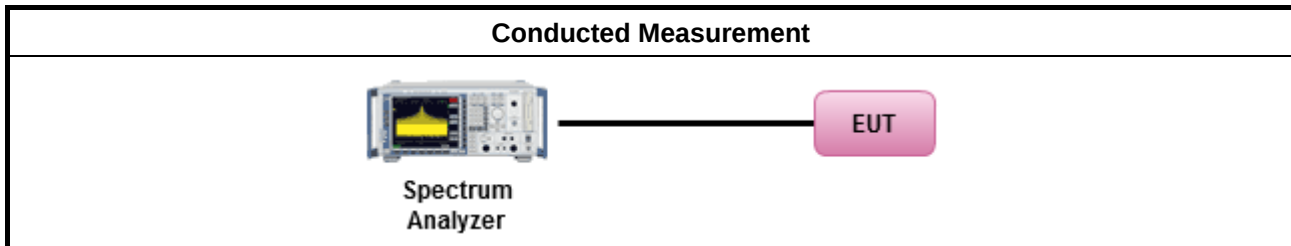
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.	

3.4.4 Test Setup



3.4.5 Test Result of EIRP Power Spectral Density

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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
☒ UNII Devices 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
☐ LE-LAN Devices 5.85 - 5.895 GHz	(i) Fixed outdoor access points and fixed outdoor client devices shall not exceed -27 dBm/MHz e.i.r.p. spectral density at or above the 5895 MHz band edge. (ii) Indoor access points or indoor subordinate devices shall not exceed 15 dBm/MHz e.i.r.p. spectral density at the 5895 MHz band edge and shall decrease linearly to not exceed -7 dBm/MHz e.i.r.p. spectral density at or above 5925 MHz. (iii) Client devices shall not exceed -5 dBm/MHz e.i.r.p. spectral density at the 5895 MHz band edge and shall decrease linearly to not exceed -27 dBm/MHz e.i.r.p. spectral density at or above 5925 MHz.
Note 1: 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).	

3.5.2 Measuring Instruments

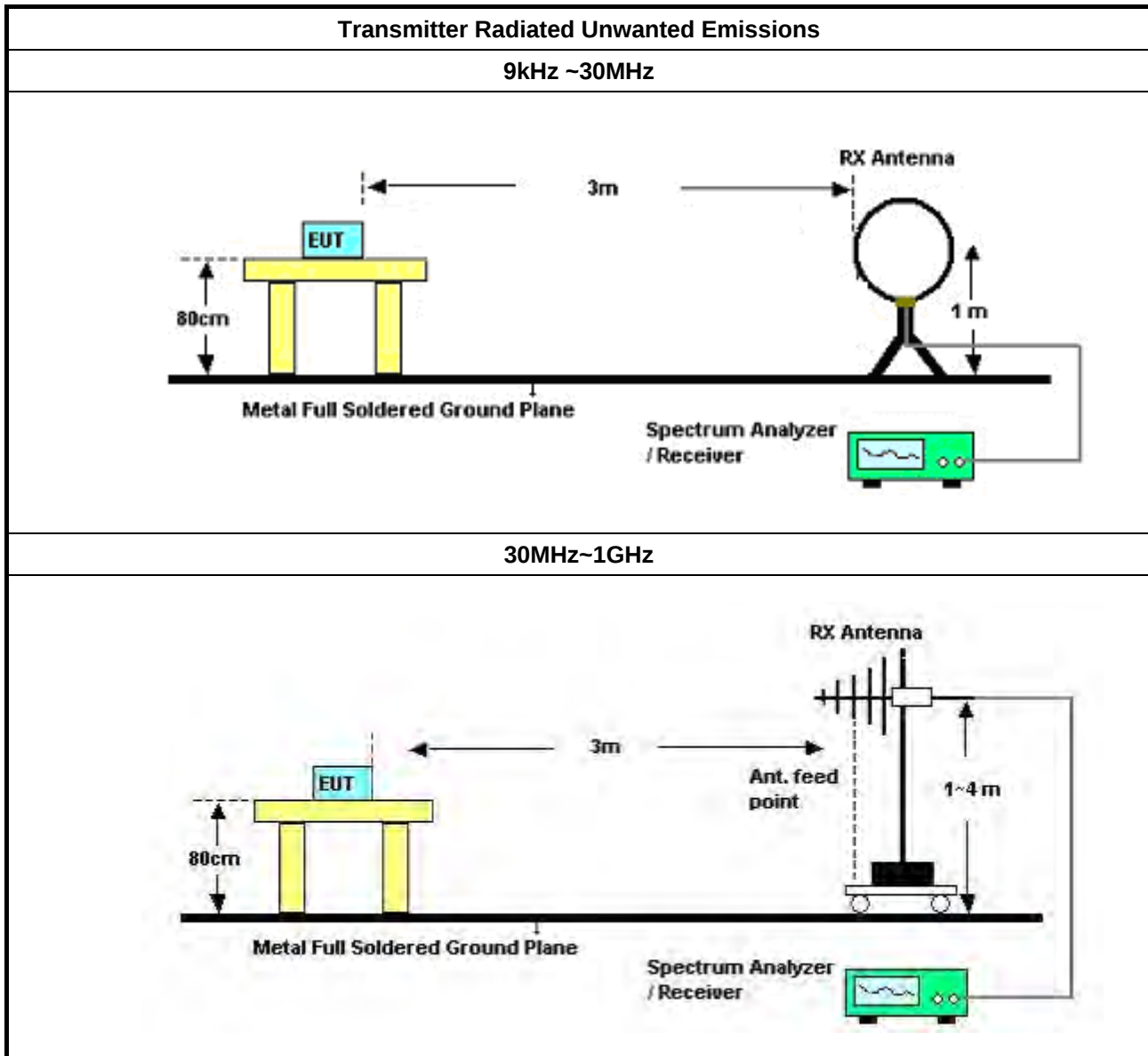
Refer a test equipment and calibration data table in this test report.

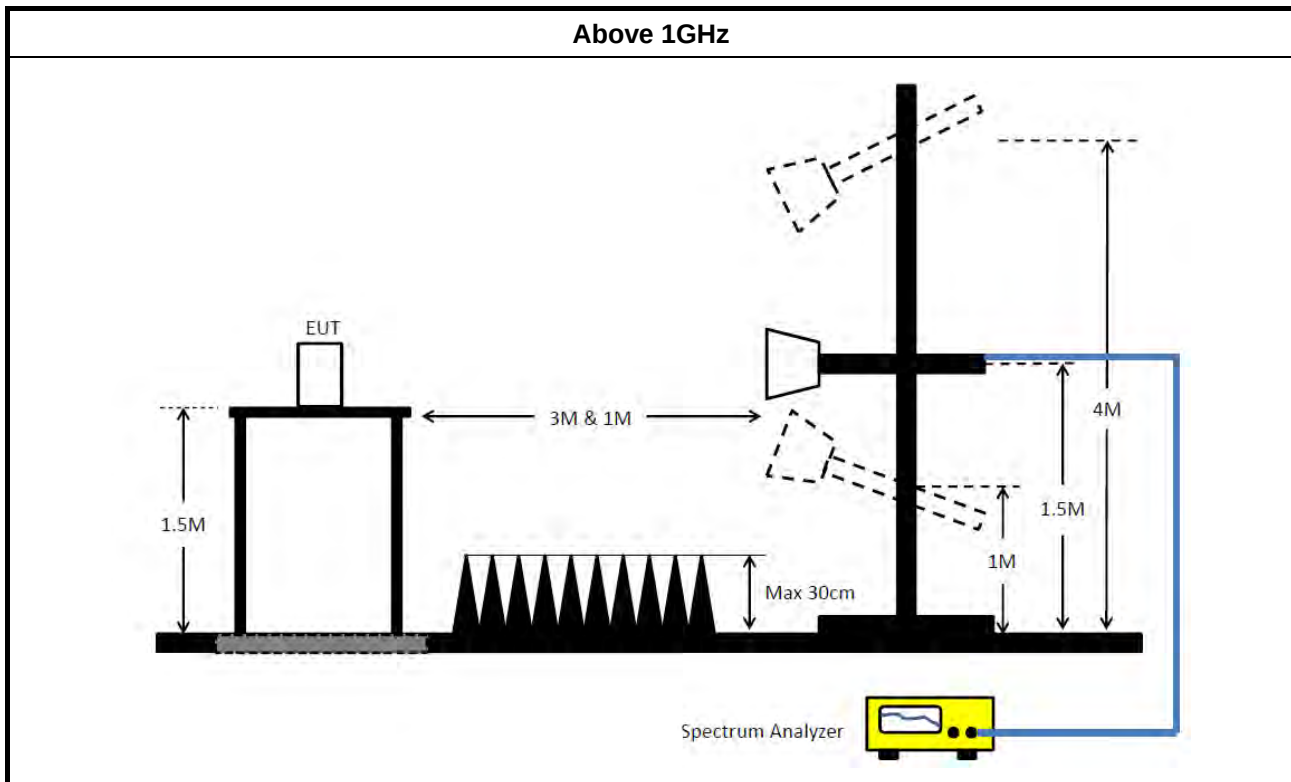


3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as FCC KDB 789033 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).
	☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.
	☐ 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.	
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.	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



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. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 17, 2025	Jan. 16, 2026	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N0605	30MHz ~ 1GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N0605	30MHz ~ 1GHz	Jan. 17, 2025	Jan. 16, 2026	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Amplifier	SGH	SGH301	20240606-1	30MHz ~ 1GHz	Jun. 04, 2024	Jun. 03, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115 GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 23, 2025	Mar. 22, 2026	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115 GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 13, 2024	Sep. 12, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11. 23	5.15GHz-7.115 GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
N.C.R. means Non-Calibration required.



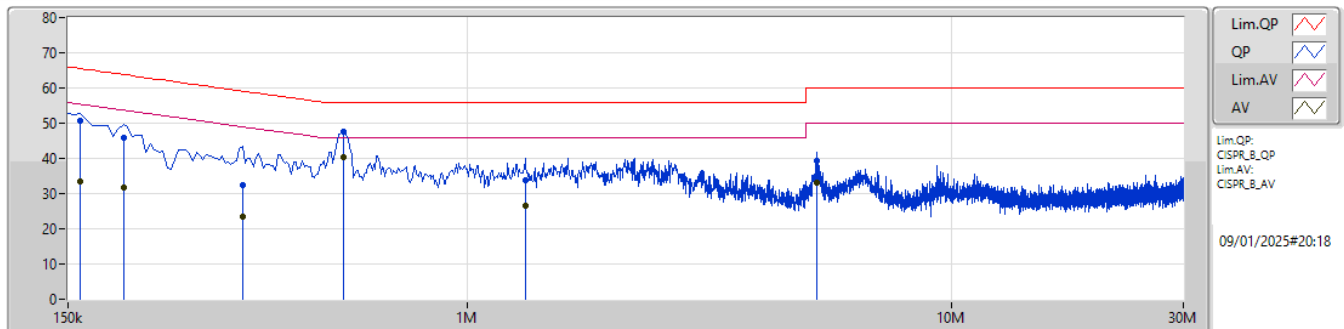
Conducted Emissions at Powerline

Appendix A

Summary

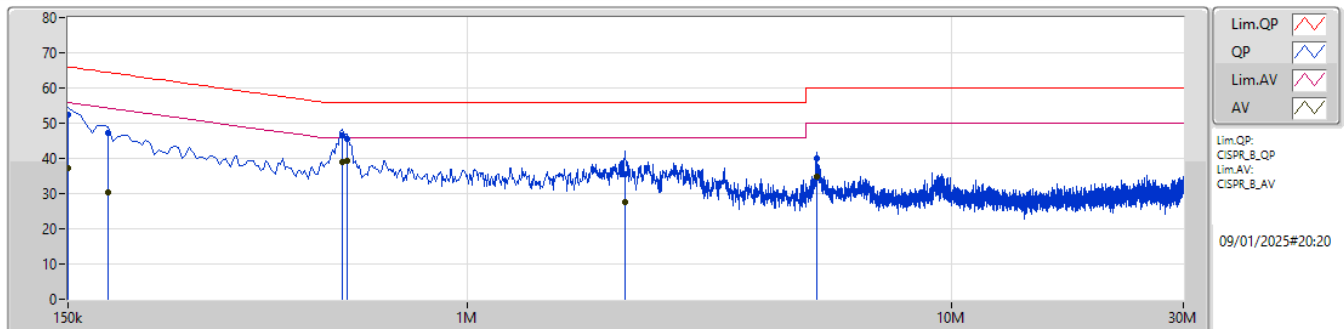
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	555k	40.39	46.00	-5.61	Line

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	50.58	65.52	-14.94	10.04	Line	-	40.54	0.04	0.08	9.92						
AV	159k	33.39	55.52	-22.13	10.04	Line	-	23.35	0.04	0.08	9.92						
QP	195k	45.83	63.82	-17.99	10.06	Line	-	35.77	0.04	0.07	9.95						
AV	195k	31.59	53.82	-22.23	10.06	Line	-	21.53	0.04	0.07	9.95						
QP	343.5k	32.57	59.12	-26.55	10.18	Line	-	22.39	0.05	0.09	10.04						
AV	343.5k	23.53	49.12	-25.59	10.18	Line	-	13.35	0.05	0.09	10.04						
QP	555k	47.47	56.00	-8.53	10.26	Line	-	37.21	0.06	0.10	10.10						
AV	555k	40.39	46.00	-5.61	10.26	Line	"Worst"	30.13	0.06	0.10	10.10						
QP	1.316M	33.91	56.00	-22.09	10.27	Line	-	23.64	0.08	0.11	10.08						
AV	1.316M	26.64	46.00	-19.36	10.27	Line	-	16.37	0.08	0.11	10.08						
QP	5.271M	39.21	60.00	-20.79	10.19	Line	-	29.02	0.16	0.15	9.88						
AV	5.271M	33.04	50.00	-16.96	10.19	Line	-	22.85	0.16	0.15	9.88						

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	52.40	66.00	-13.60	10.05	Neutral	-	42.35	0.06	0.08	9.91						
AV	150k	37.24	56.00	-18.76	10.05	Neutral	-	27.19	0.06	0.08	9.91						
QP	181.5k	47.25	64.41	-17.16	10.07	Neutral	-	37.18	0.06	0.07	9.94						
AV	181.5k	30.42	54.41	-23.99	10.07	Neutral	-	20.35	0.06	0.07	9.94						
QP	550.5k	46.53	56.00	-9.47	10.26	Neutral	-	36.27	0.07	0.10	10.09						
AV	550.5k	39.10	46.00	-6.90	10.26	Neutral	-	28.84	0.07	0.10	10.09						
QP	564k	45.56	56.00	-10.44	10.27	Neutral	-	35.29	0.07	0.10	10.10						
AV	564k	39.35	46.00	-6.65	10.27	Neutral	"Worst"	29.08	0.07	0.10	10.10						
QP	2.117M	35.57	56.00	-20.43	10.19	Neutral	-	25.38	0.10	0.14	9.95						
AV	2.117M	27.56	46.00	-18.44	10.19	Neutral	-	17.37	0.10	0.14	9.95						
QP	5.267M	40.15	60.00	-19.85	10.19	Neutral	-	29.96	0.16	0.15	9.88						
AV	5.267M	34.99	50.00	-15.01	10.19	Neutral	-	24.80	0.16	0.15	9.88						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.61M	16.682M	16M7D1D	16.39M	16.532M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.066M	19M1D1D	19.03M	18.972M
802.11be EHT40_Nss1,(MCS0)_2TX	38.17M	45.85M	45M9D1D	37.84M	38.451M
802.11be EHT80_Nss1,(MCS0)_2TX	78.32M	78.174M	78M2D1D	77.88M	77.818M
802.11be EHT160_Nss1,(MCS0)_2TX	158.4M	156.625M	157MD1D	157.96M	155.745M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	16.39M	16.609M	16.5M	16.682M
5865MHz	Pass	500k	16.555M	16.677M	16.61M	16.554M
5885MHz	Pass	500k	16.39M	16.532M	16.39M	16.563M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5845MHz	Pass	500k	19.085M	19.015M	19.03M	19.02M
5865MHz	Pass	500k	19.03M	19.066M	19.14M	18.972M
5885MHz	Pass	500k	19.14M	19.011M	19.14M	19.042M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5835MHz	Pass	500k	38.17M	45.416M	37.84M	45.85M
5875MHz	Pass	500k	38.17M	43.192M	38.17M	38.451M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5855MHz	Pass	500k	78.32M	78.174M	77.88M	77.818M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5815MHz	Pass	500k	157.96M	156.625M	158.4M	155.745M

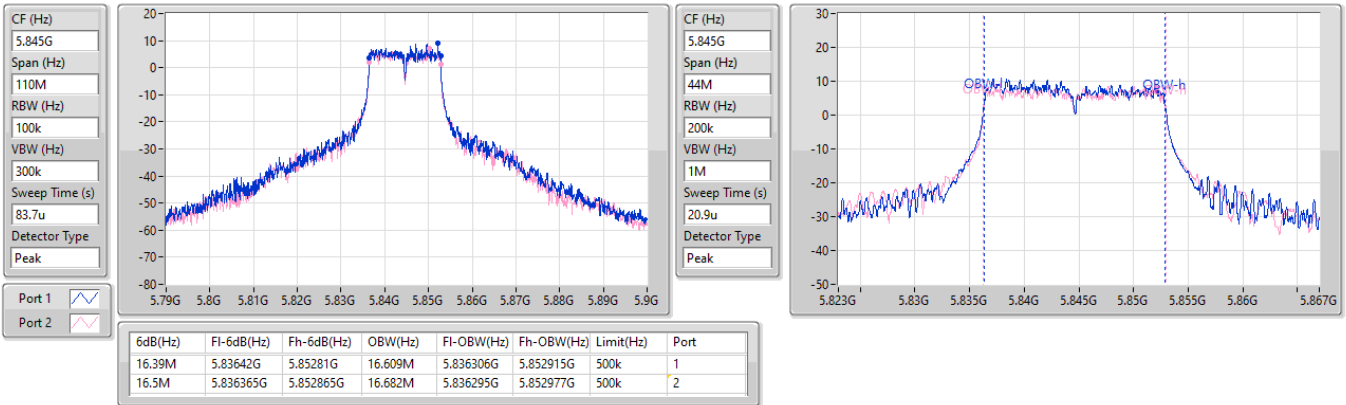
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5845MHz

24/01/2025

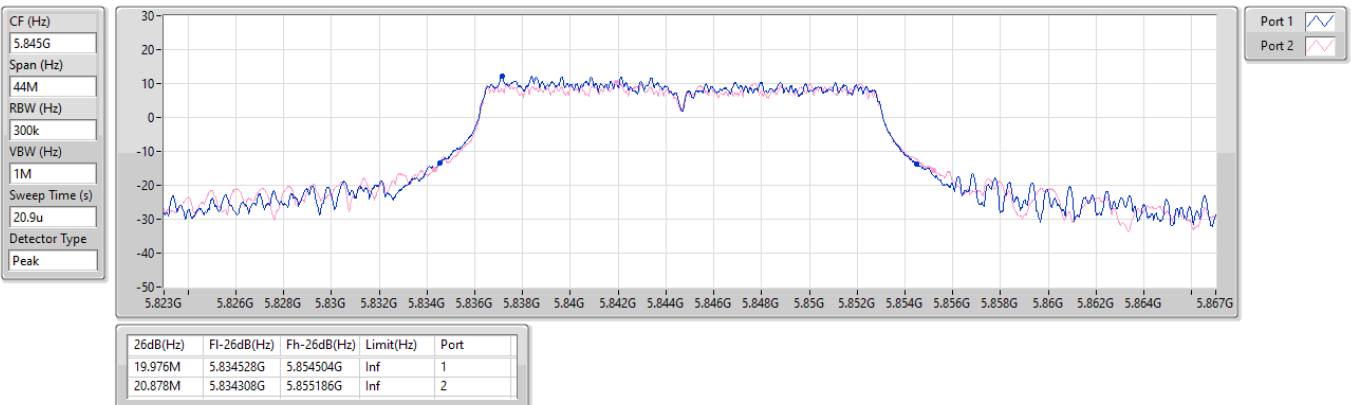


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

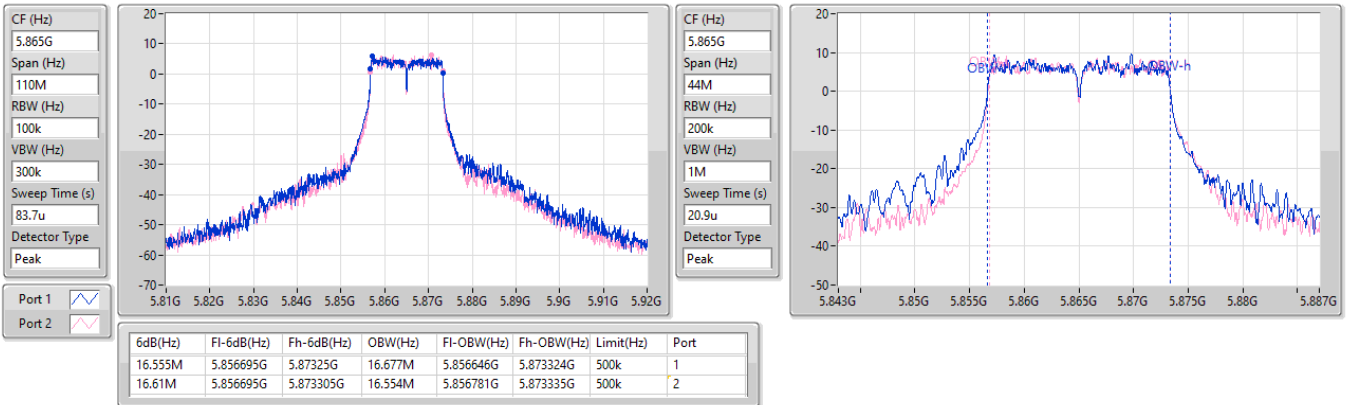
5845MHz

24/01/2025

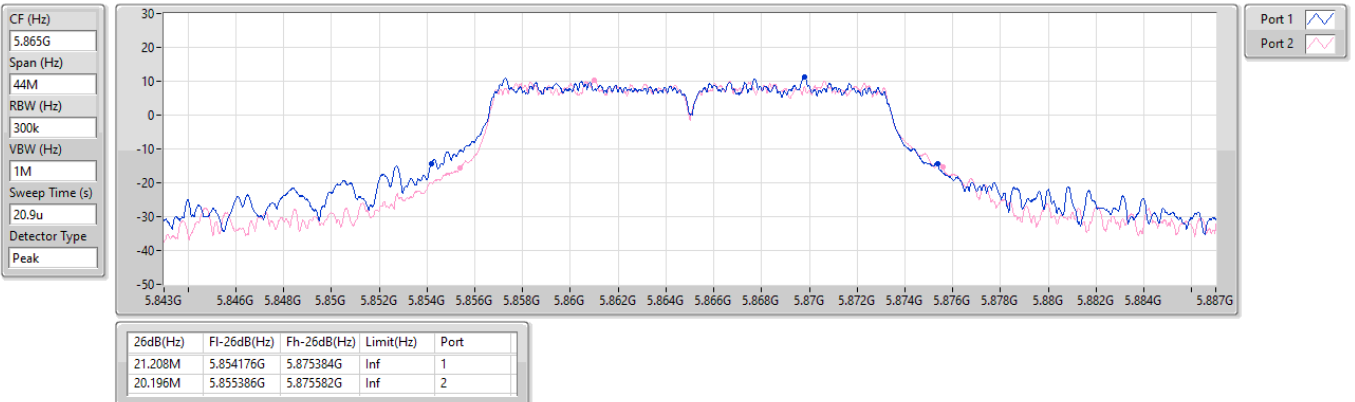


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5865MHz

24/01/2025

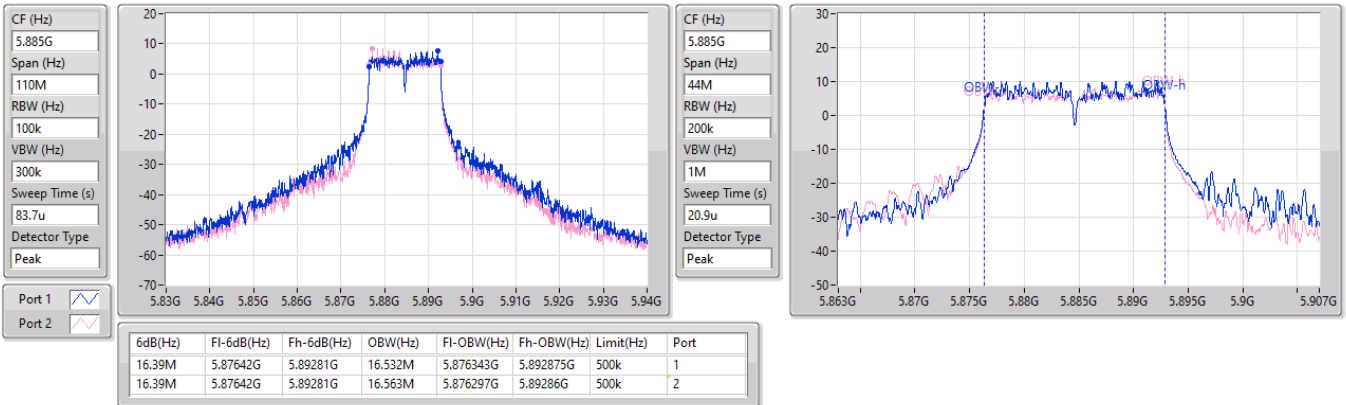

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5865MHz

24/01/2025

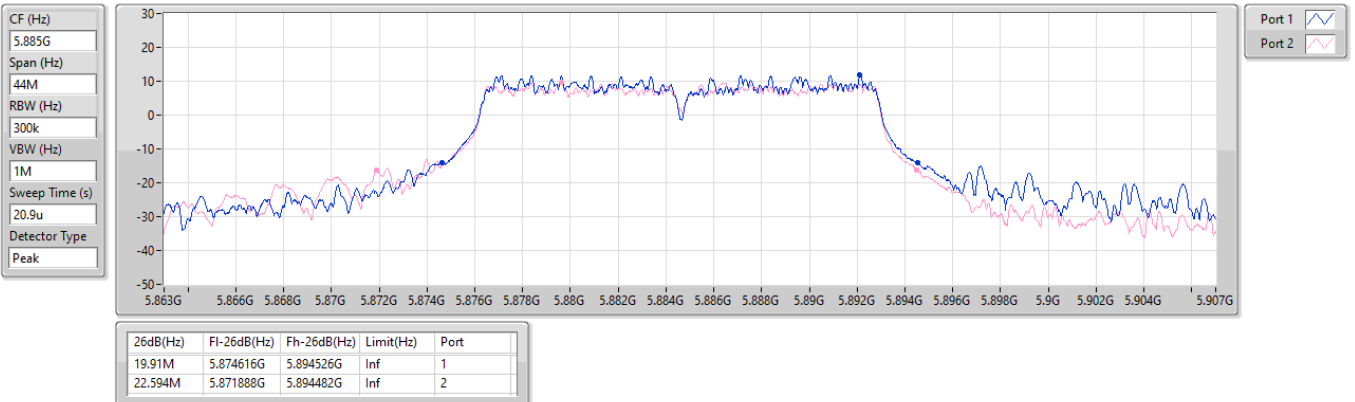


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5885MHz

24/01/2025


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5885MHz

24/01/2025

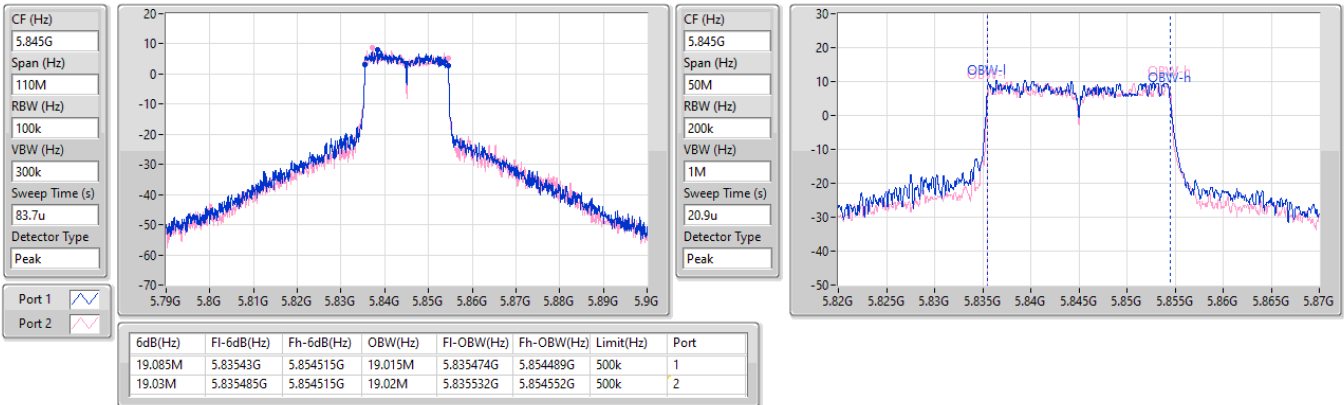


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5845MHz

24/01/2025

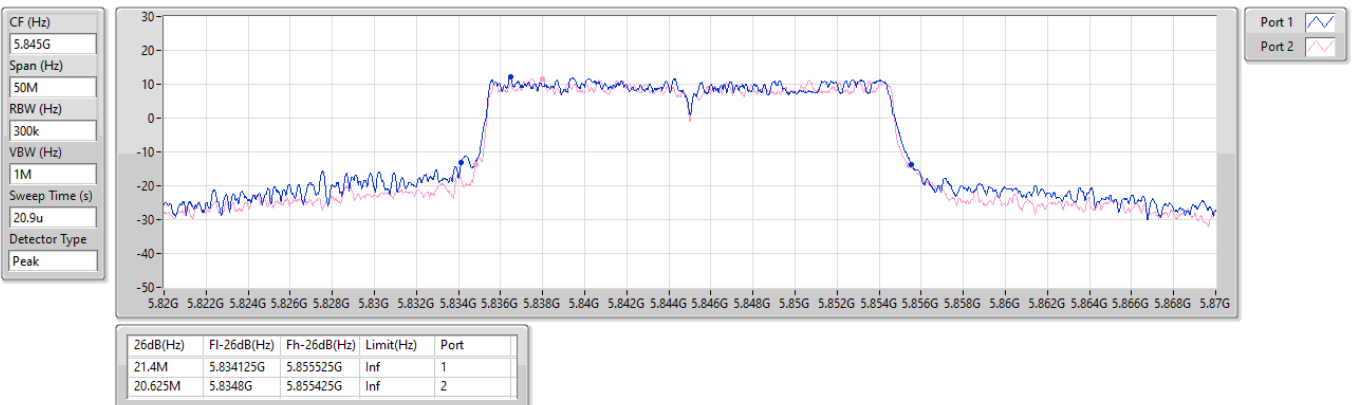


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5845MHz

24/01/2025

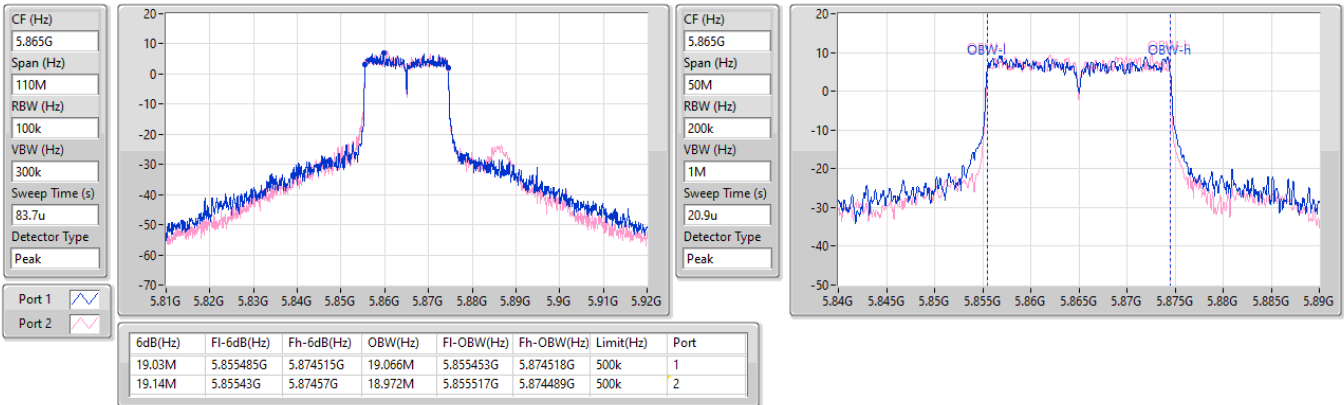


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5865MHz

24/01/2025

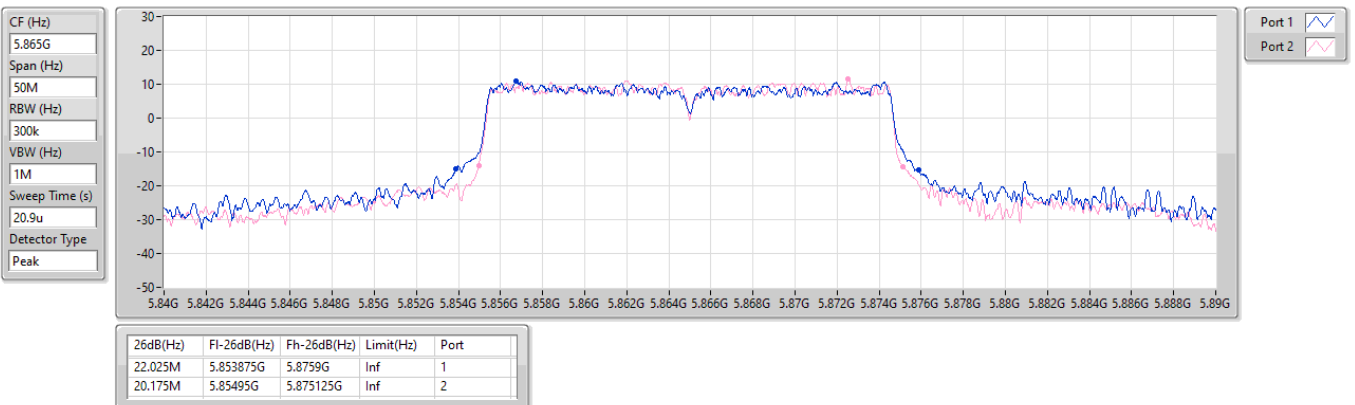


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5865MHz

24/01/2025

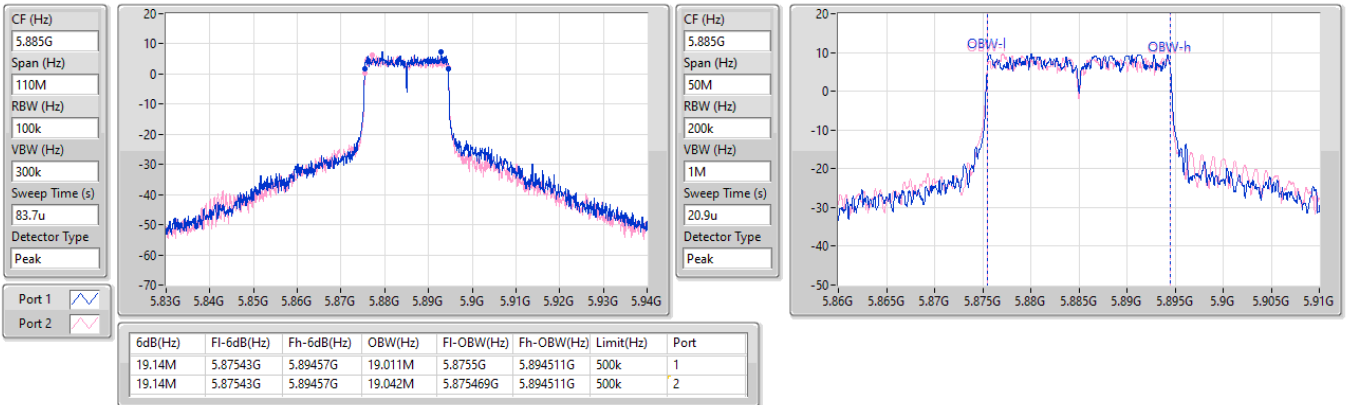


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5885MHz

24/01/2025

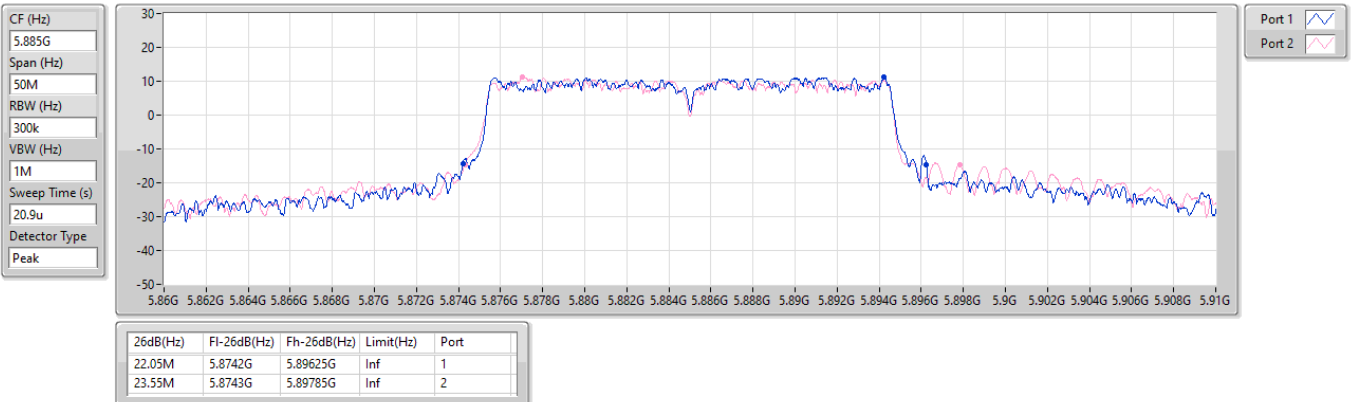


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5885MHz

24/01/2025

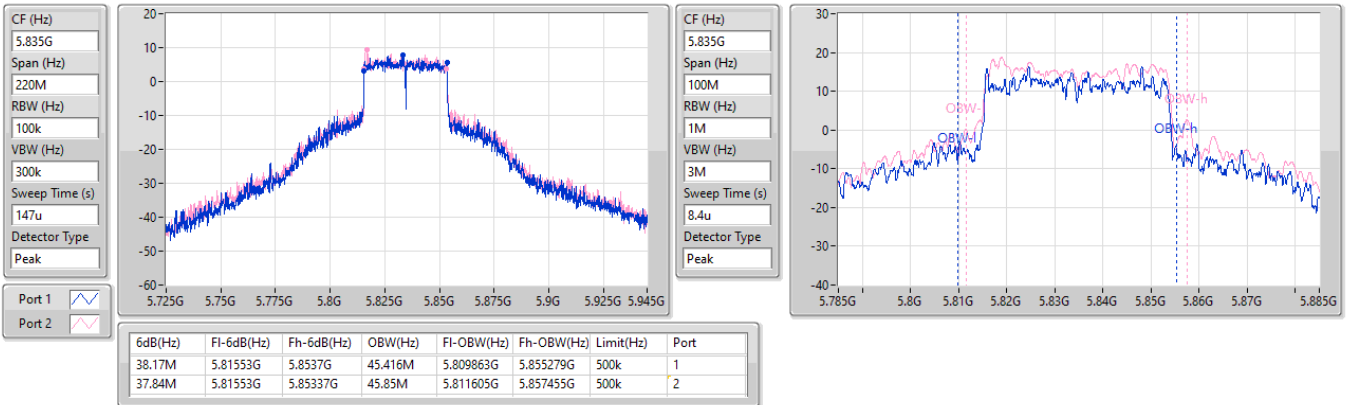


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5835MHz

24/01/2025

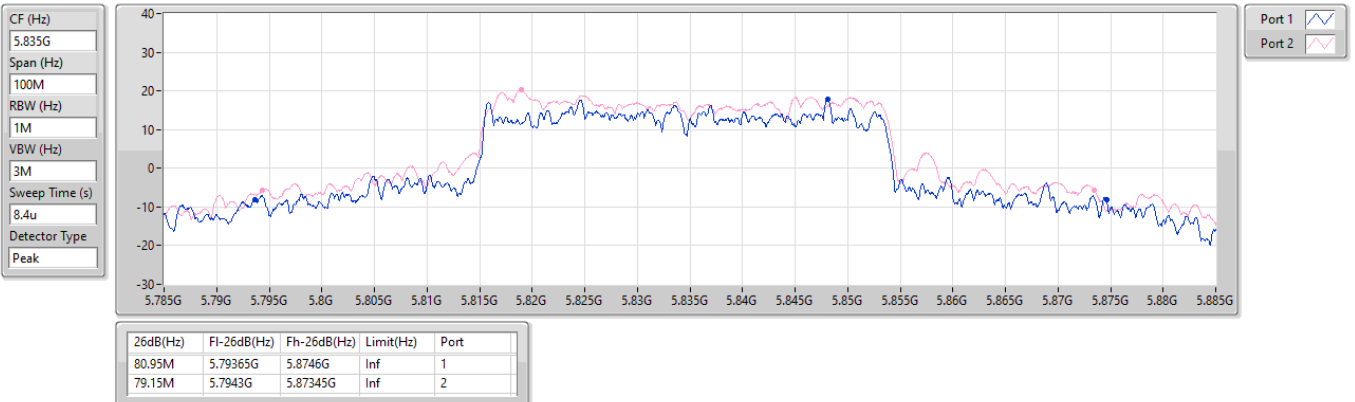


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5835MHz

24/01/2025

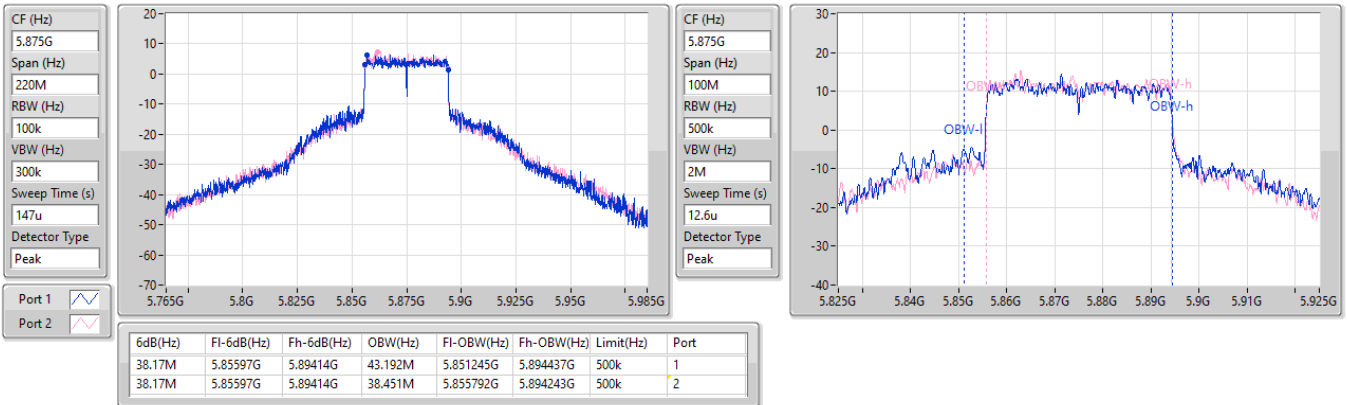


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5875MHz

24/01/2025

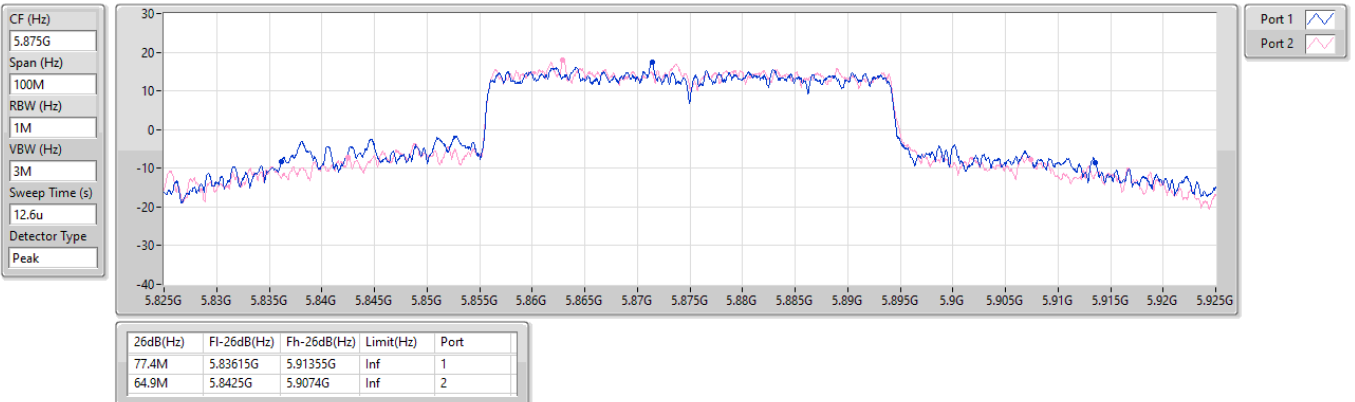


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5875MHz

24/01/2025

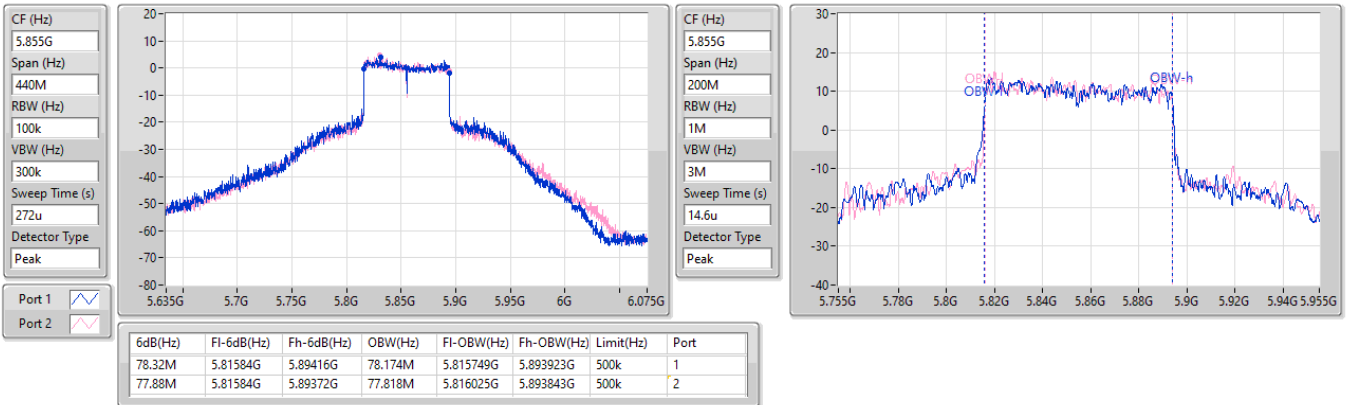


5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5855MHz

24/01/2025

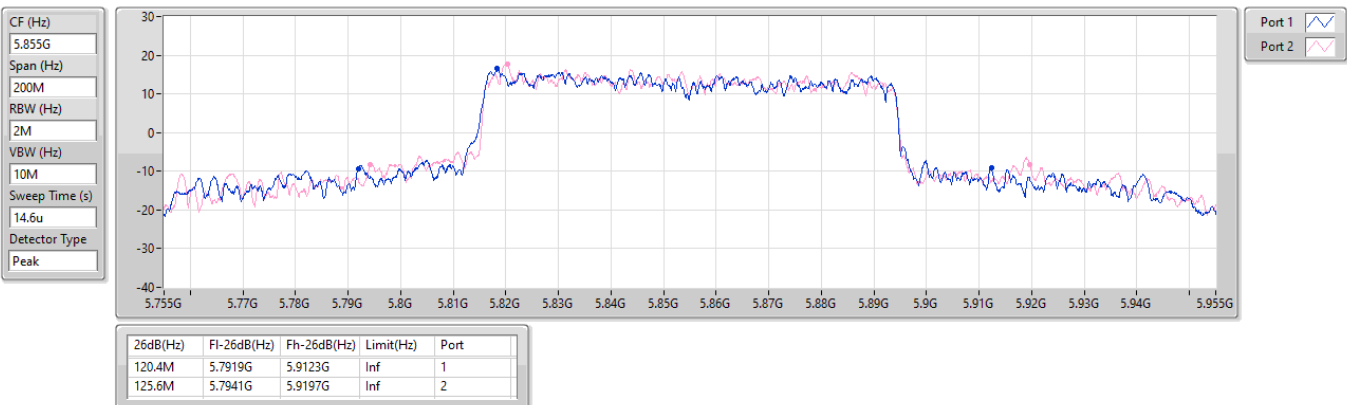


5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5855MHz

24/01/2025

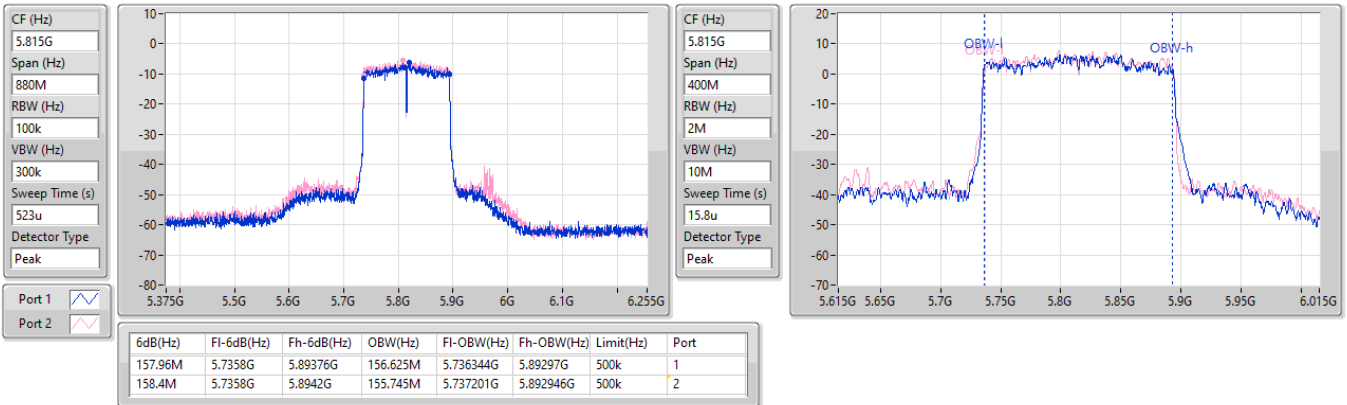


5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5815MHz

15/04/2025

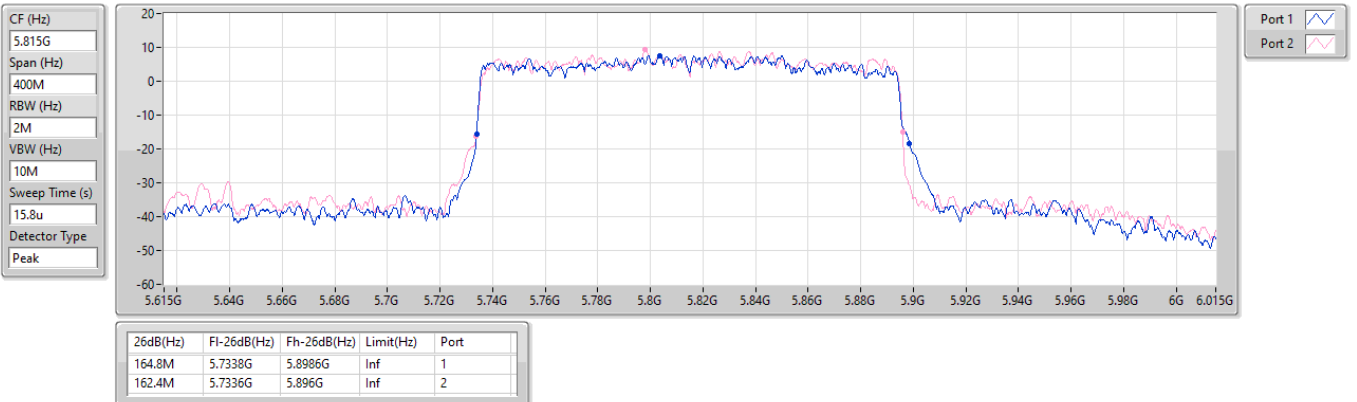


5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5815MHz

15/04/2025



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.25	0.26607	30.25	1.05925
802.11be EHT20_Nss1,(MCS0)_2TX	24.84	0.30479	30.84	1.21339
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.84	0.30479	33.75	2.37137
802.11be EHT40_Nss1,(MCS0)_2TX	27.95	0.62373	33.95	2.48313
802.11be EHT40-BF_Nss1,(MCS0)_2TX	26.98	0.49888	35.89	3.88150
802.11be EHT80_Nss1,(MCS0)_2TX	26.13	0.41020	32.13	1.63305
802.11be EHT80-BF_Nss1,(MCS0)_2TX	26.13	0.41020	35.04	3.19154
802.11be EHT160_Nss1,(MCS0)_2TX	19.96	0.09908	25.96	0.39446
802.11be EHT160-BF_Nss1,(MCS0)_2TX	19.96	0.09908	28.87	0.77090

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	6.00	21.44	21.04	24.25	30.25	36.00
5865MHz	Pass	6.00	20.51	20.54	23.54	29.54	36.00
5885MHz	Pass	6.00	20.81	20.4	23.62	29.62	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	6.00	21.95	21.71	24.84	30.84	36.00
5865MHz	Pass	6.00	21.1	21.2	24.16	30.16	36.00
5885MHz	Pass	6.00	21.35	21.08	24.23	30.23	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	6.00	24.93	24.94	27.95	33.95	36.00
5875MHz	Pass	6.00	23.7	24.23	26.98	32.98	36.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	6.00	23.14	23.09	26.13	32.13	36.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5815MHz	Pass	6.00	16.45	17.4	19.96	25.96	36.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	8.91	21.95	21.71	24.84	33.75	36.00
5865MHz	Pass	8.91	21.1	21.2	24.16	33.07	36.00
5885MHz	Pass	8.91	21.35	21.08	24.23	33.14	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	8.91	23.89	23.91	26.91	35.82	36.00
5875MHz	Pass	8.91	23.7	24.23	26.98	35.89	36.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	8.91	23.14	23.09	26.13	35.04	36.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5815MHz	Pass	8.91	16.45	17.4	19.96	28.87	36.00

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.895GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.98	19.89
802.11be EHT20_Nss1,(MCS0)_2TX	10.99	19.90
802.11be EHT40_Nss1,(MCS0)_2TX	10.84	19.75
802.11be EHT80_Nss1,(MCS0)_2TX	6.36	15.27
802.11be EHT160_Nss1,(MCS0)_2TX	-3.20	5.71

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	8.91	8.02	7.95	10.98	19.89	20.00
5865MHz	Pass	8.91	7.77	7.74	10.75	19.66	20.00
5885MHz	Pass	8.91	7.83	7.66	10.73	19.64	20.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5845MHz	Pass	8.91	8.06	7.96	10.99	19.90	20.00
5865MHz	Pass	8.91	8.03	7.95	10.98	19.89	20.00
5885MHz	Pass	8.91	7.81	7.85	10.81	19.72	20.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5835MHz	Pass	8.91	7.73	8	10.84	19.75	20.00
5875MHz	Pass	8.91	7.29	8.08	10.69	19.60	20.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5855MHz	Pass	8.91	3.34	3.44	6.36	15.27	20.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5815MHz	Pass	8.91	-6.86	-5.65	-3.20	5.71	20.00

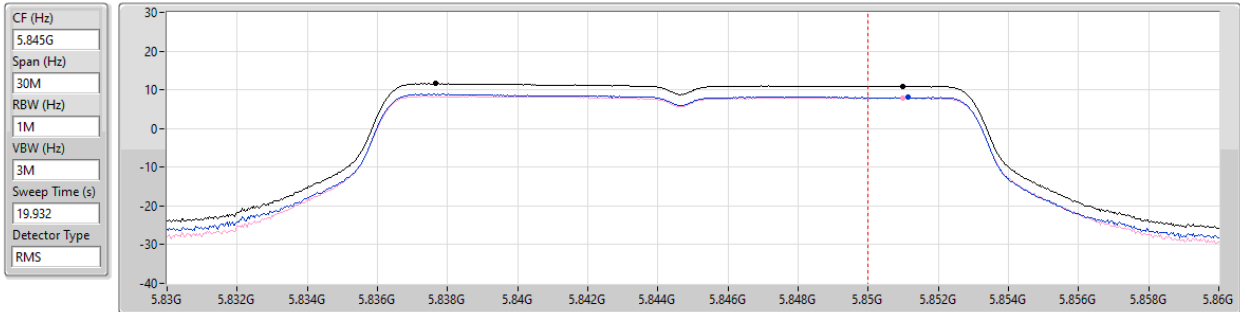
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5845MHz

24/01/2025



Sum
Port 1
Port 2

5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.60	8.59	500k	-3.01

5850-5895MHz

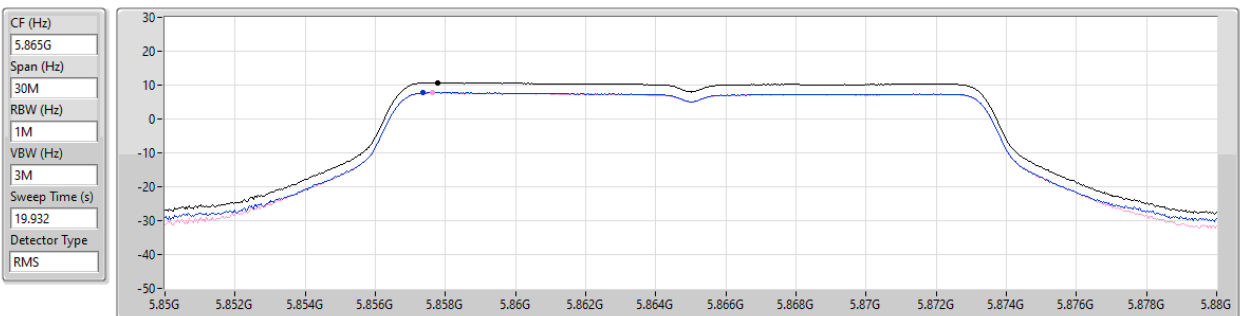
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	8.02	7.95

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5865MHz

24/01/2025



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	7.77	7.74

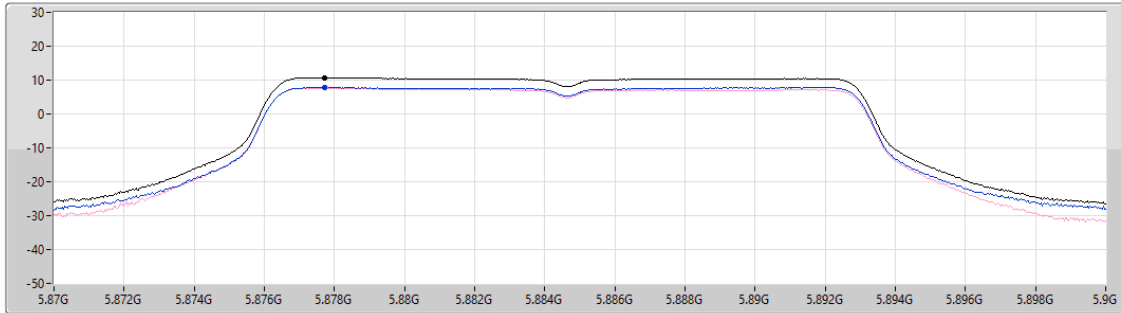
5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5885MHz

24/01/2025

CF (Hz)
5.885G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.932
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.73	10.73	7.83	7.66

Sum
Port 1
Port 2

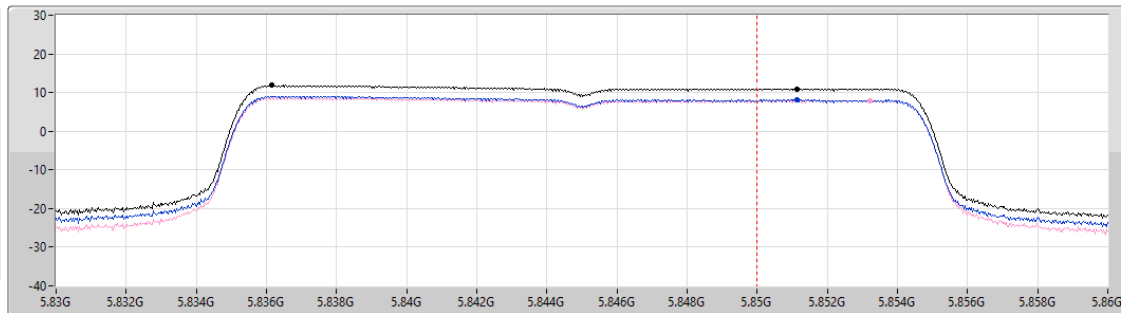
5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5845MHz

24/01/2025

CF (Hz)
5.845G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.402
Detector Type
RMS



Sum
Port 1
Port 2

5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.83	8.82	500k	-3.01

5850-5895MHz

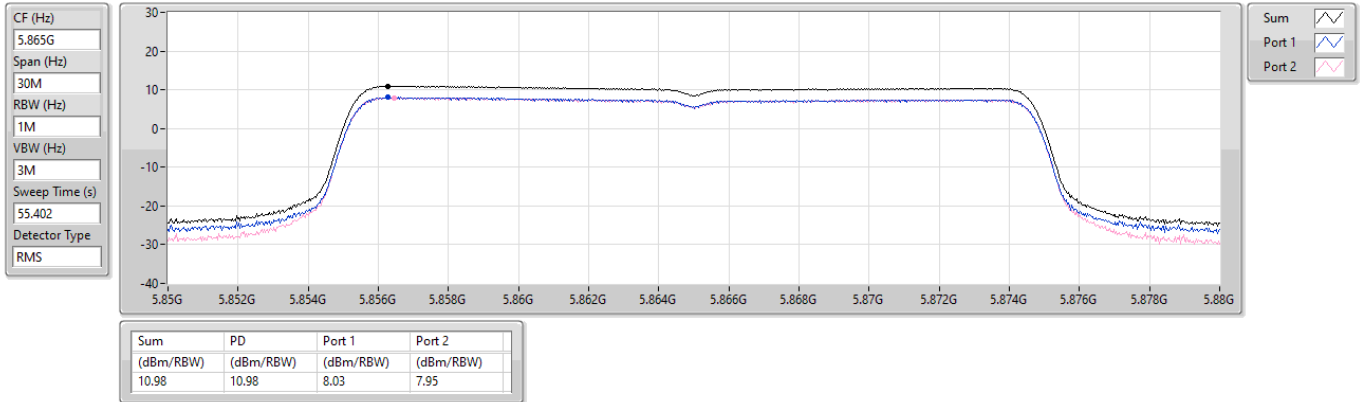
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.99	10.99	8.06	7.96

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5865MHz

24/01/2025

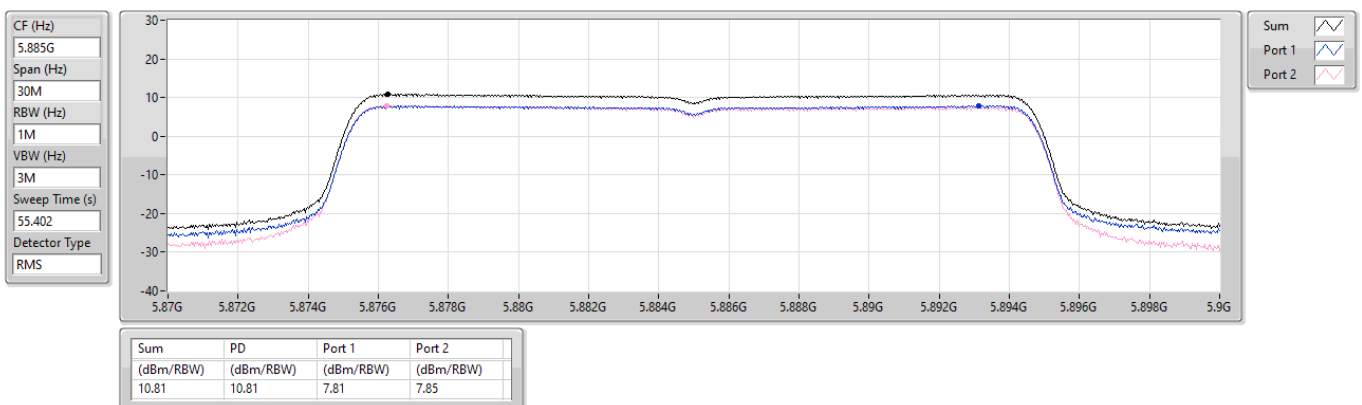


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5885MHz

24/01/2025



5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5835MHz

24/01/2025

CF (Hz)
5.835G

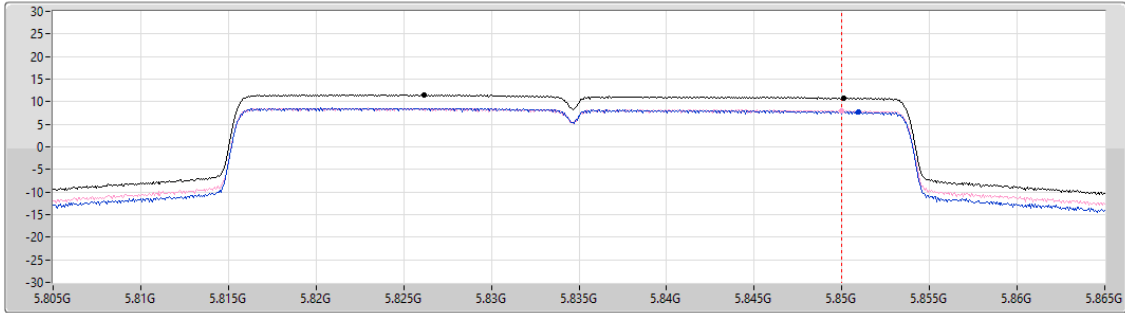
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.327

Detector Type
RMS



Sum 

Port 1 

Port 2 

5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.54	8.53	500k	-3.01

5850-5895MHz

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	7.73	8.00

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5875MHz

24/01/2025

CF (Hz)
5.875G

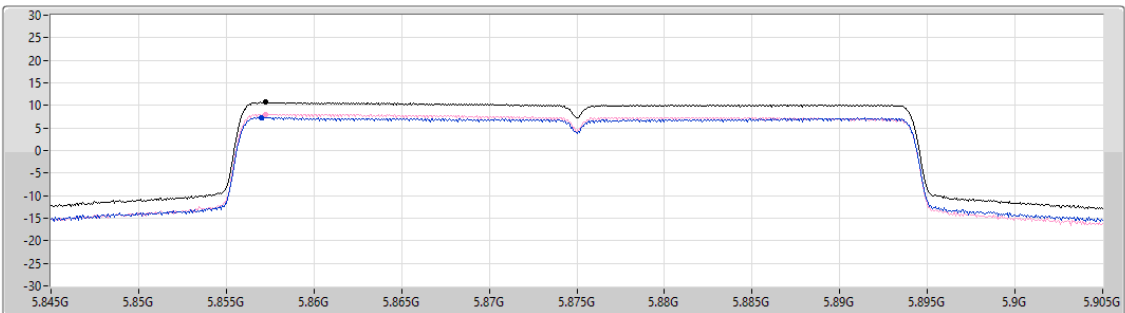
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
55.327

Detector Type
RMS



Sum 

Port 1 

Port 2 

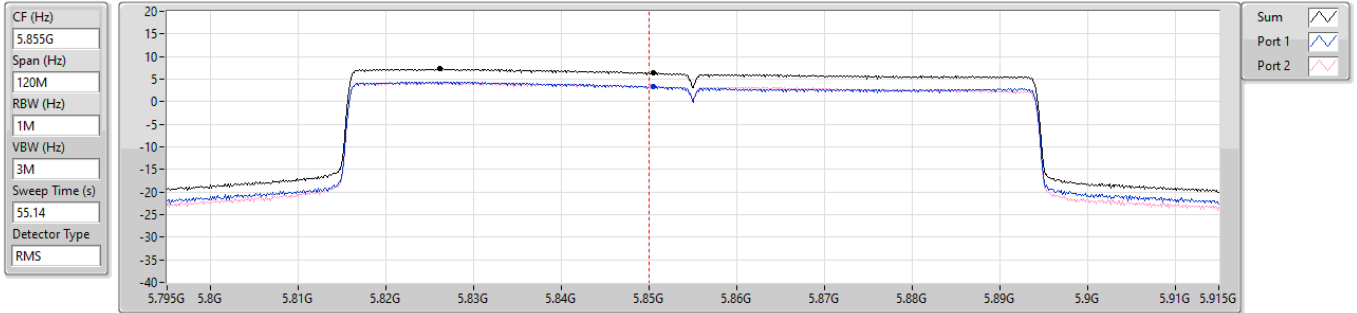
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	7.29	8.08

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5855MHz

24/01/2025



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
7.23	4.22	500k	-3.01

5850-5895MHz

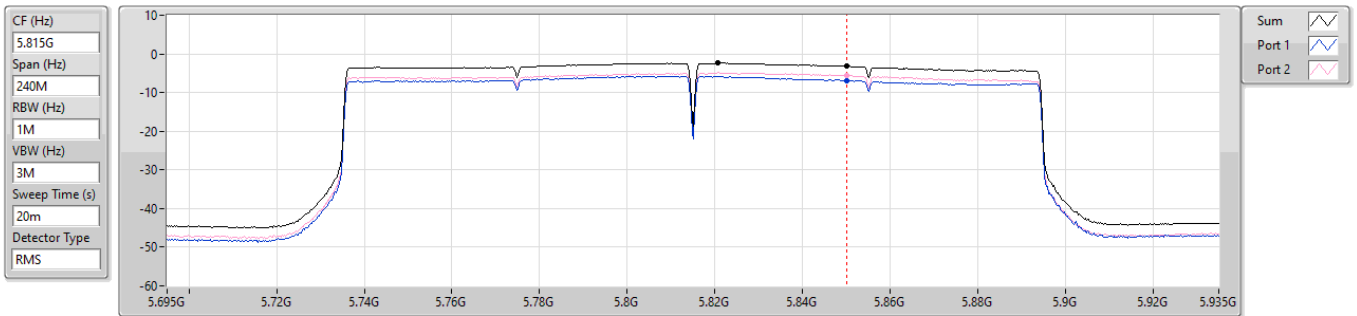
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	3.34	3.44

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5815MHz

15/04/2025



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
-2.32	-5.33	500k	-3.01

5850-5895MHz

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.20	-3.20	-6.86	-5.65



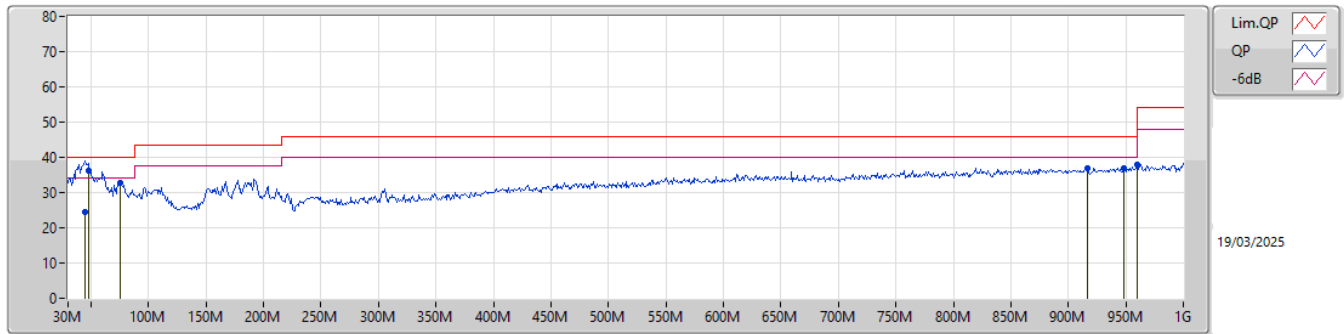
Radiated Emissions below 1GHz

Appendix E.1

Summary

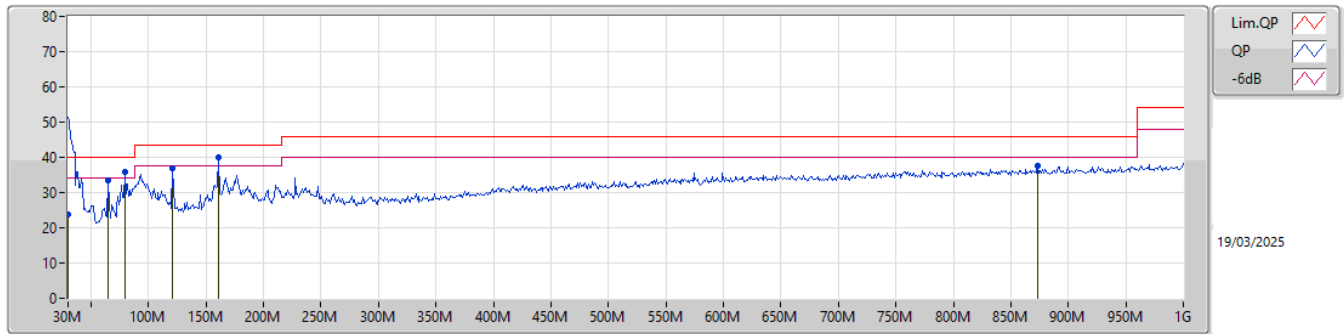
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	160.95M	39.84	43.50	-3.66	Horizontal

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	44.55M	24.52	40.00	-15.48	-26.69	3	Vertical	29	1.00	-	51.21	16.42	1.29	44.40		
PK	48.43M	36.06	40.00	-3.94	-28.24	3	Vertical	334	1.00	"Worst"	64.30	14.80	1.42	44.46		
PK	75.59M	32.88	40.00	-7.12	-30.07	3	Vertical	73	1.00	-	62.95	12.69	1.71	44.47		
PK	916.58M	37.02	46.00	-8.98	-10.32	3	Vertical	360	1.50	-	47.34	26.58	6.51	43.41		
PK	948.59M	36.98	46.00	-9.02	-10.01	3	Vertical	164	1.50	-	46.99	26.85	6.59	43.45		
PK	960M	37.95	54.00	-16.05	-9.81	3	Vertical	76	1.50	-	47.76	27.02	6.62	43.45		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	30M	23.88	40.00	-16.12	-19.03	3	Horizontal	225	1.00	-	42.91	23.98	1.15	44.16		
PK	64.92M	33.35	40.00	-6.65	-30.51	3	Horizontal	164	1.00	-	63.86	12.28	1.63	44.42		
PK	79.47M	35.72	40.00	-4.28	-29.68	3	Horizontal	123	1.00	-	65.40	13.07	1.74	44.49		
PK	121.18M	36.89	43.50	-6.61	-23.99	3	Horizontal	147	1.50	-	60.88	18.18	2.30	44.47		
PK	160.95M	39.84	43.50	-3.66	-25.82	3	Horizontal	132	1.50	"Worst"	65.66	15.94	2.68	44.44		
PK	872.93M	37.71	46.00	-8.29	-10.46	3	Horizontal	103	1.00	-	48.17	26.57	6.35	43.38		

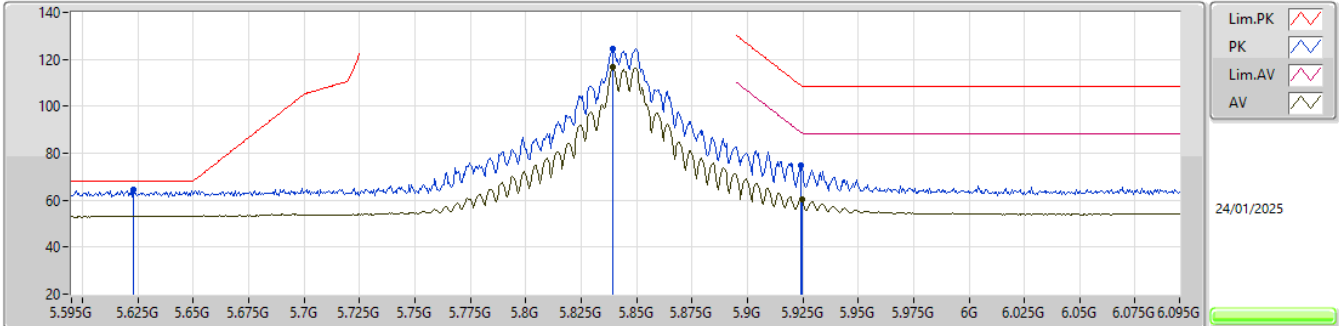


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.895GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	PK	5.6452G	66.83	68.20	-1.37	3	Horizontal	321.3	1.80	-

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5845MHz_TX

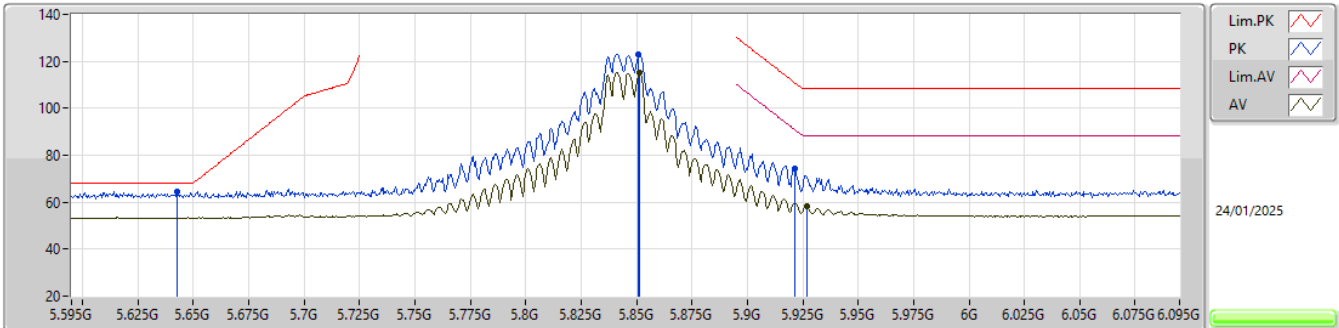


EUT_Y_2TX
Setting 29
02-R-G-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.623G	64.31	68.20	-3.89	53.37	3	Vertical	11	1.91	-	34.00	7.64	30.70			
PK	5.8395G	124.66	Inf	-Inf	113.46	3	Vertical	11	1.91	-	34.02	7.83	30.65			
RMS	5.8395G	116.78	Inf	-Inf	105.58	3	Vertical	11	1.91	-	34.02	7.83	30.65			
PK	5.924G	74.72	108.93	-34.21	63.27	3	Vertical	11	1.91	-	34.20	7.88	30.63			
RMS	5.9245G	60.11	88.57	-28.46	48.66	3	Vertical	11	1.91	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5845MHz_TX

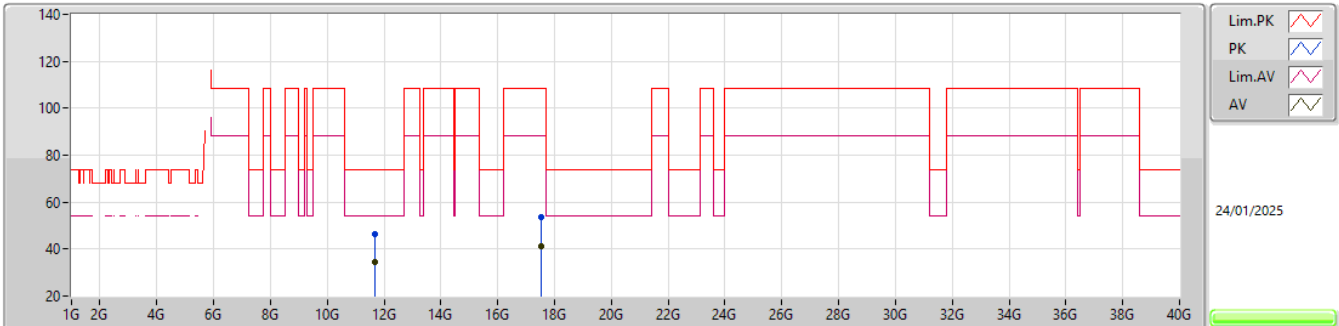


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6425G	64.39	68.20	-3.81	53.43	3	Horizontal	322	1.92	-	34.00	7.66	30.70			
PK	5.851G	123.16	Inf	-Inf	111.98	3	Horizontal	322	1.92	-	34.00	7.83	30.65			
RMS	5.8515G	115.14	Inf	-Inf	103.95	3	Horizontal	322	1.92	-	34.01	7.83	30.65			
PK	5.9215G	74.45	110.77	-36.32	63.00	3	Horizontal	322	1.92	-	34.20	7.88	30.63			
RMS	5.927G	58.34	88.20	-29.86	46.89	3	Horizontal	322	1.92	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5845MHz_TX

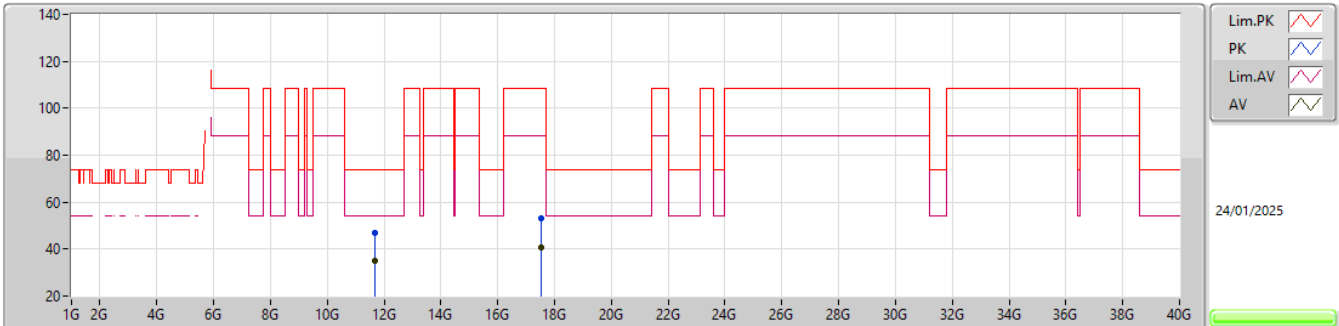


EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.69096G	46.56	74.00	-27.44	61.16	3	Vertical	88	1.34	-	39.46	11.88	65.94			
AV	11.68958G	34.40	54.00	-19.60	49.00	3	Vertical	88	1.34	-	39.46	11.88	65.94			
PK	17.53482G	53.37	108.20	-54.83	59.48	3	Vertical	137	1.78	-	44.48	12.60	63.19			
RMS	17.52984G	40.99	88.20	-47.21	47.15	3	Vertical	137	1.78	-	44.44	12.60	63.20			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

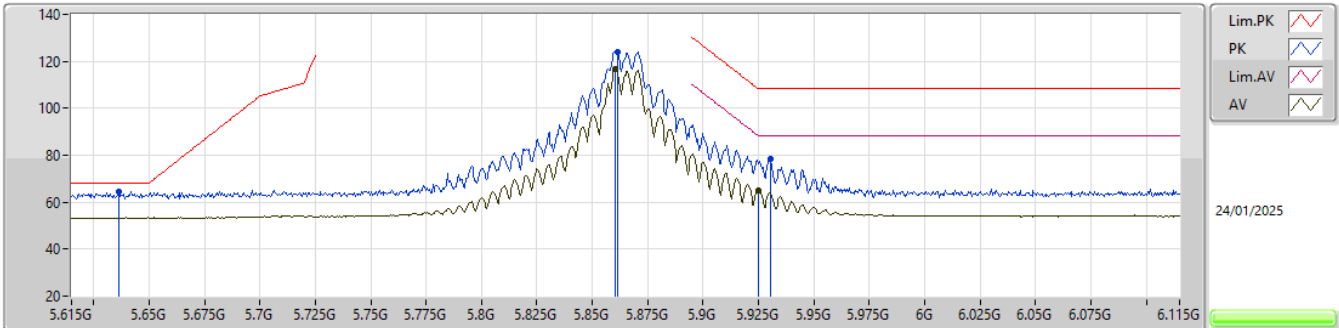
5845MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6906G	46.87	74.00	-27.13	61.47	3	Horizontal	295	2.80	-	39.46	11.88	65.94			
AV	11.69054G	34.95	54.00	-19.05	49.55	3	Horizontal	295	2.80	-	39.46	11.88	65.94			
PK	17.5428G	53.16	108.20	-55.04	59.20	3	Horizontal	27	1.76	-	44.54	12.60	63.18			
RMS	17.53236G	40.67	88.20	-47.53	46.81	3	Horizontal	27	1.76	-	44.46	12.60	63.20			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5865MHz_TX

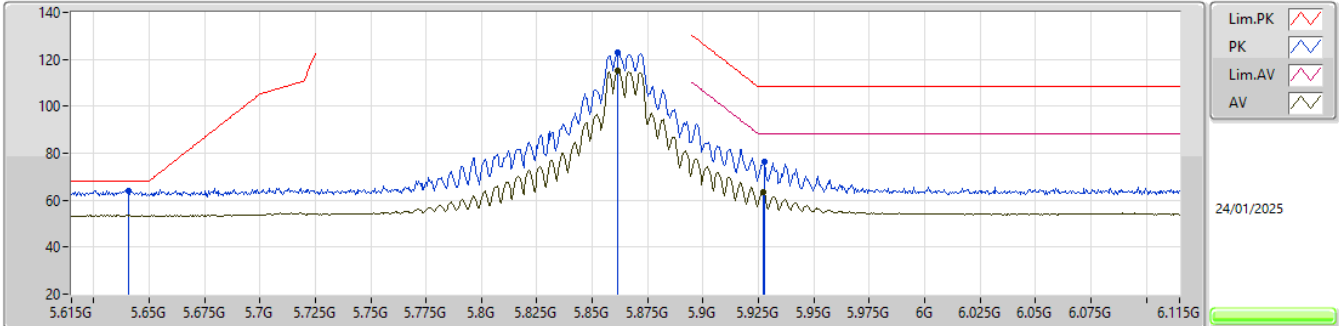


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6365G	64.40	68.20	-3.80	53.45	3	Vertical	8	1.72	-	34.00	7.65	30.70			
PK	5.8615G	124.17	Inf	-Inf	112.92	3	Vertical	8	1.72	-	34.05	7.84	30.64			
RMS	5.8605G	116.62	Inf	-Inf	105.38	3	Vertical	8	1.72	-	34.04	7.84	30.64			
PK	5.9305G	78.22	108.20	-29.98	66.77	3	Vertical	8	1.72	-	34.20	7.88	30.63			
RMS	5.925G	65.13	88.20	-23.07	53.68	3	Vertical	8	1.72	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5865MHz_TX

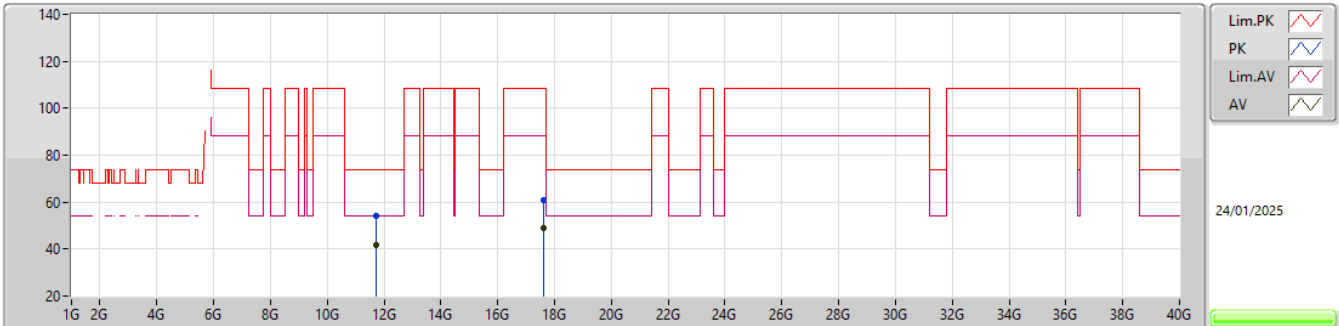


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6405G	64.20	68.20	-4.00	53.24	3	Horizontal	322	1.91	-	34.00	7.66	30.70			
PK	5.8615G	123.13	Inf	-Inf	111.88	3	Horizontal	322	1.91	-	34.05	7.84	30.64			
RMS	5.8615G	114.94	Inf	-Inf	103.69	3	Horizontal	322	1.91	-	34.05	7.84	30.64			
PK	5.9275G	76.36	108.20	-31.84	64.91	3	Horizontal	322	1.91	-	34.20	7.88	30.63			
RMS	5.927G	63.51	88.20	-24.69	52.06	3	Horizontal	322	1.91	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5865MHz_TX

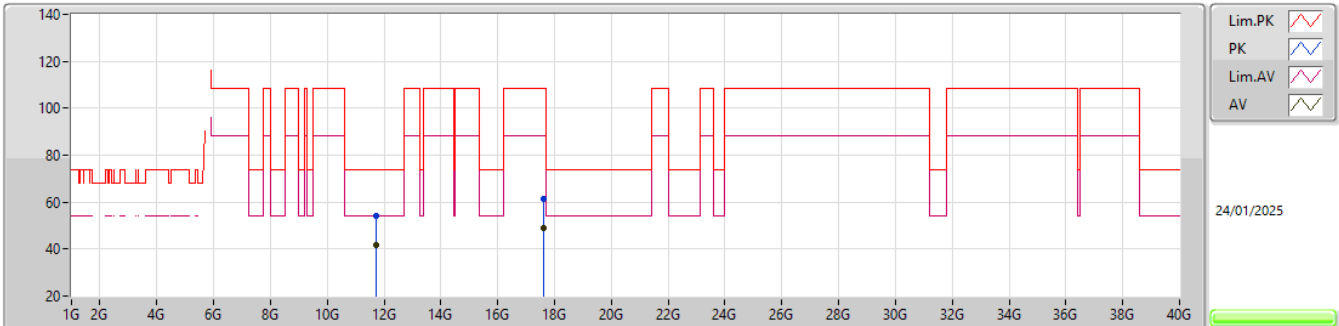


EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.73634G	53.97	74.00	-20.03	68.40	3	Vertical	164	2.77	-	39.57	11.91	65.91			
AV	11.73416G	41.79	54.00	-12.21	56.23	3	Vertical	164	2.77	-	39.57	11.91	65.92			
PK	17.60336G	61.07	108.20	-47.13	66.37	3	Vertical	100	1.86	-	45.13	12.63	63.06			
RMS	17.59918G	49.14	88.20	-39.06	54.49	3	Vertical	100	1.86	-	45.09	12.63	63.07			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5865MHz_TX

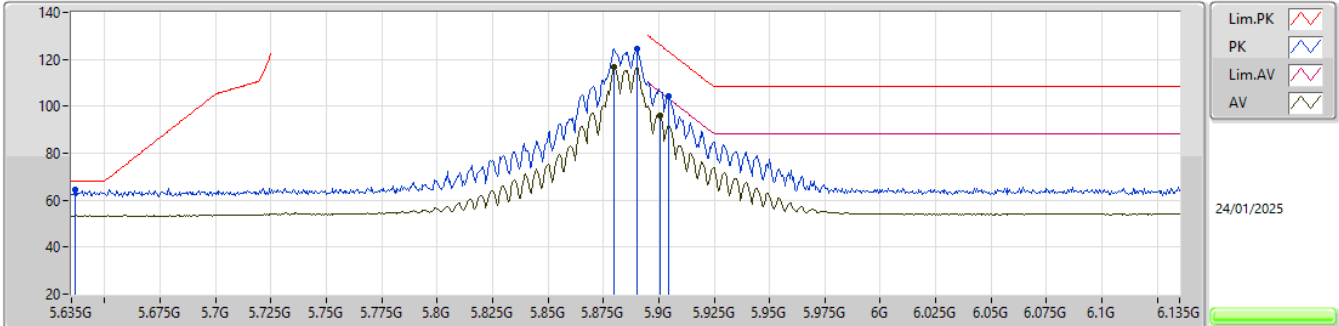


EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.731G	54.13	74.00	-19.87	68.58	3	Horizontal	271	2.69	-	39.56	11.91	65.92			
AV	11.73754G	41.81	54.00	-12.19	56.23	3	Horizontal	271	2.69	-	39.58	11.91	65.91			
PK	17.6G	61.16	108.20	-47.04	66.49	3	Horizontal	355	2.33	-	45.10	12.63	63.06			
RMS	17.5995G	49.13	88.20	-39.07	54.46	3	Horizontal	355	2.33	-	45.10	12.63	63.06			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5885MHz_TX

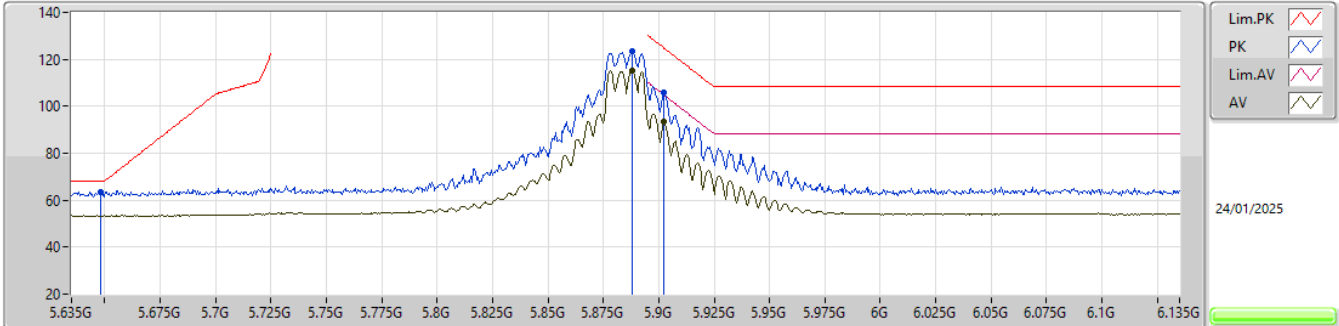


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6365G	64.34	68.20	-3.86	53.39	3	Vertical	2	2.55	-	34.00	7.65	30.70			
PK	5.89G	124.44	Inf	-Inf	113.06	3	Vertical	2	2.55	-	34.16	7.86	30.64			
RMS	5.88G	116.50	Inf	-Inf	105.17	3	Vertical	2	2.55	-	34.12	7.85	30.64			
PK	5.9045G	104.37	123.23	-18.86	92.93	3	Vertical	2	2.55	-	34.20	7.87	30.63			
RMS	5.9005G	96.10	106.17	-10.07	84.66	3	Vertical	2	2.55	-	34.20	7.87	30.63			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5885MHz_TX

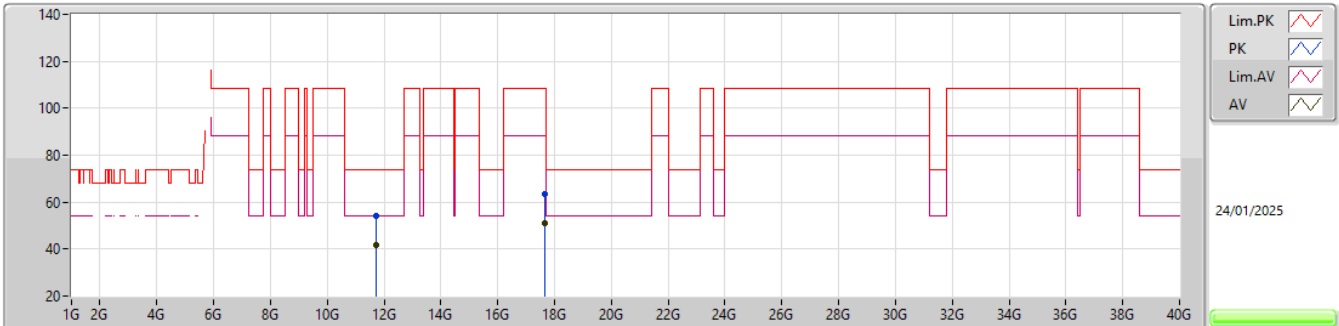


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.648G	63.61	68.20	-4.59	52.64	3	Horizontal	309	2.73	-	34.00	7.66	30.69			
PK	5.888G	123.28	Inf	-Inf	111.91	3	Horizontal	309	2.73	-	34.15	7.86	30.64			
RMS	5.888G	115.16	Inf	-Inf	103.79	3	Horizontal	309	2.73	-	34.15	7.86	30.64			
PK	5.9025G	105.78	124.70	-18.92	94.34	3	Horizontal	309	2.73	-	34.20	7.87	30.63			
RMS	5.9025G	93.32	104.70	-11.38	81.88	3	Horizontal	309	2.73	-	34.20	7.87	30.63			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

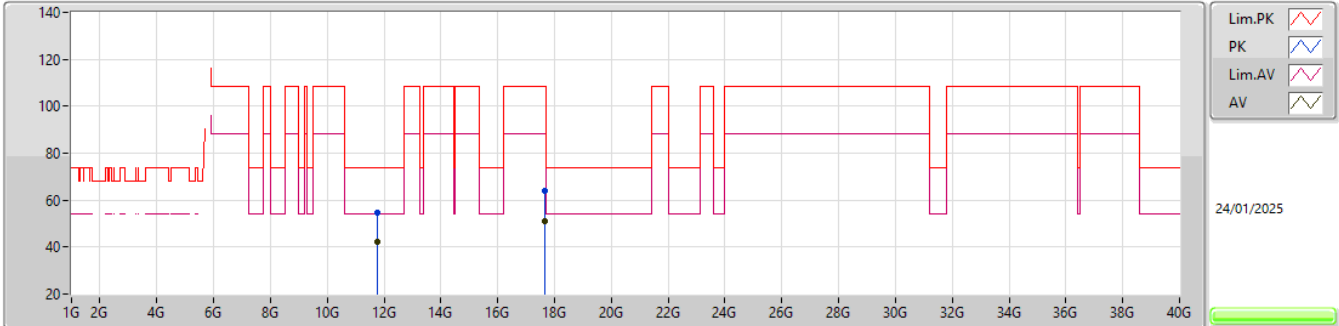
5885MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.73902G	54.38	74.00	-19.62	68.80	3	Vertical	26	2.98	-	39.58	11.91	65.91			
AV	11.73764G	41.75	54.00	-12.25	56.17	3	Vertical	26	2.98	-	39.58	11.91	65.91			
PK	17.65276G	63.28	108.20	-44.92	67.95	3	Vertical	155	2.46	-	45.63	12.66	62.96			
RMS	17.65942G	50.81	88.20	-37.39	55.41	3	Vertical	155	2.46	-	45.69	12.66	62.95			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_2TX

5885MHz_TX

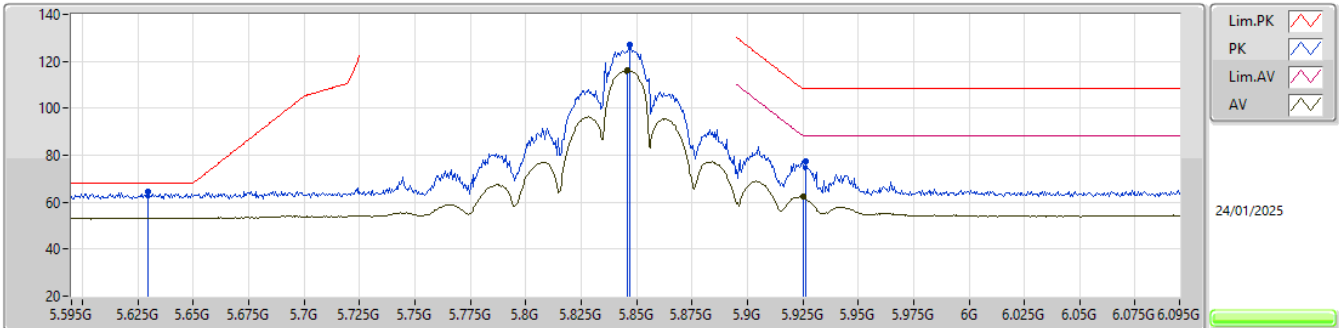


EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.76516G	54.43	74.00	-19.57	68.79	3	Horizontal	179	2.89	-	39.60	11.93	65.89			
AV	11.76996G	42.11	54.00	-11.89	56.47	3	Horizontal	179	2.89	-	39.60	11.93	65.89			
PK	17.65668G	63.77	108.20	-44.43	68.39	3	Horizontal	1	2.02	-	45.67	12.66	62.95			
RMS	17.65654G	50.84	88.20	-37.36	55.46	3	Horizontal	1	2.02	-	45.67	12.66	62.95			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5845MHz_TX

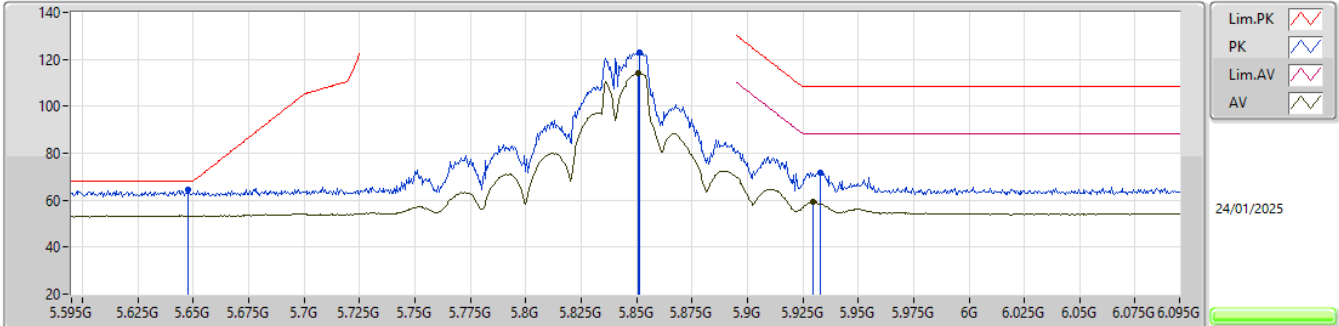


EUT_Y_2TX
Setting 29
02-R-G-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6295G	64.66	68.20	-3.54	53.71	3	Vertical	2	2.45	-	34.00	7.65	30.70			
PK	5.847G	127.16	Inf	-Inf	115.97	3	Vertical	2	2.45	-	34.01	7.83	30.65			
RMS	5.846G	116.10	Inf	-Inf	104.91	3	Vertical	2	2.45	-	34.01	7.83	30.65			
PK	5.9265G	77.26	108.20	-30.94	65.81	3	Vertical	2	2.45	-	34.20	7.88	30.63			
RMS	5.925G	62.17	88.20	-26.03	50.72	3	Vertical	2	2.45	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5845MHz_TX

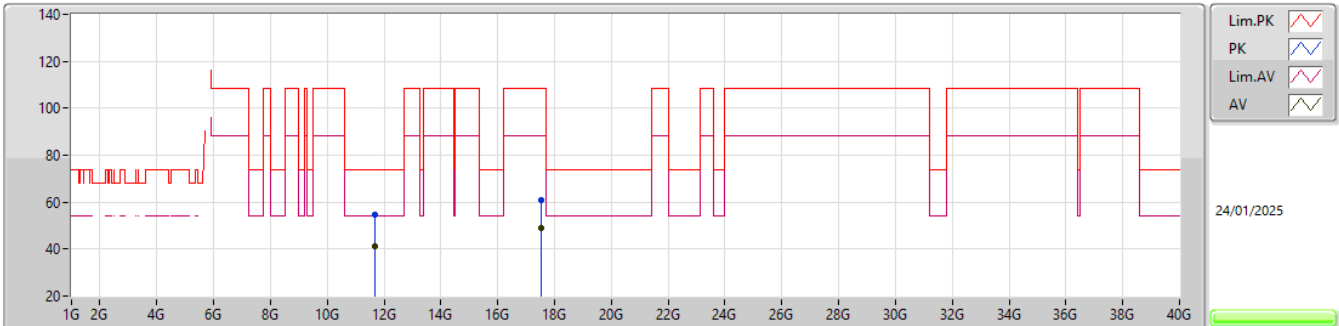


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6475G	64.25	68.20	-3.95	53.28	3	Horizontal	324	1.94	-	34.00	7.66	30.69			
PK	5.8515G	123.07	Inf	-Inf	111.88	3	Horizontal	324	1.94	-	34.01	7.83	30.65			
RMS	5.851G	114.06	Inf	-Inf	102.88	3	Horizontal	324	1.94	-	34.00	7.83	30.65			
PK	5.933G	71.73	108.20	-36.47	60.27	3	Horizontal	324	1.94	-	34.20	7.89	30.63			
RMS	5.9295G	59.14	88.20	-29.06	47.69	3	Horizontal	324	1.94	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

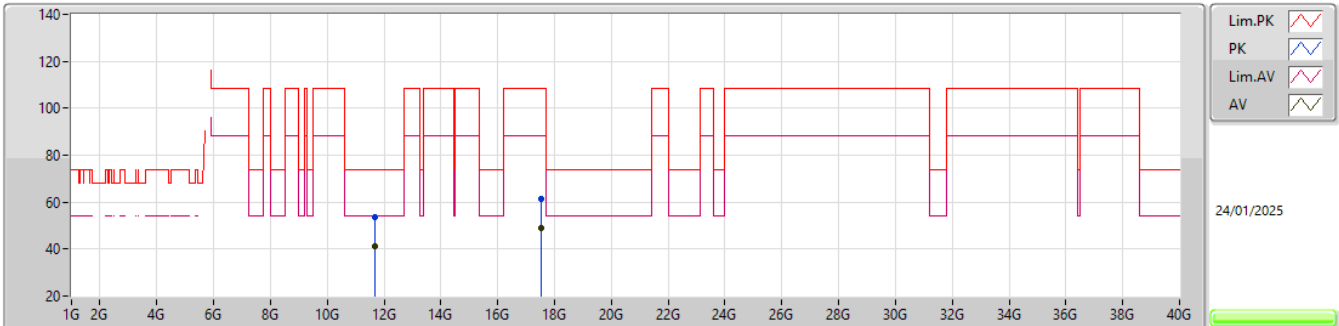
5845MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6815G	54.55	74.00	-19.45	69.19	3	Vertical	30	2.50	-	39.43	11.88	65.95			
AV	11.68854G	41.18	54.00	-12.82	55.80	3	Vertical	30	2.50	-	39.45	11.88	65.95			
PK	17.54032G	61.09	108.20	-47.11	67.15	3	Vertical	185	1.80	-	44.52	12.60	63.18			
RMS	17.54274G	48.75	88.20	-39.45	54.79	3	Vertical	185	1.80	-	44.54	12.60	63.18			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

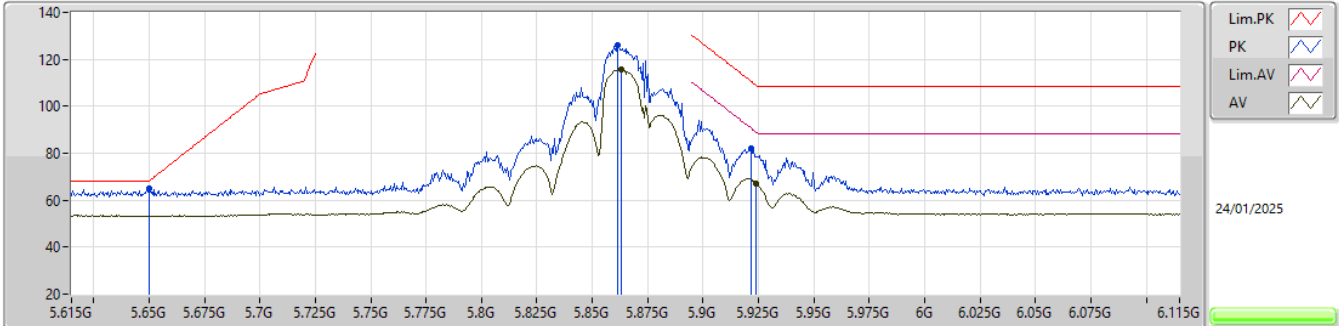
5845MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6889G	53.74	74.00	-20.26	68.35	3	Horizontal	116	3.00	-	39.46	11.88	65.95			
AV	11.68944G	41.31	54.00	-12.69	55.91	3	Horizontal	116	3.00	-	39.46	11.88	65.94			
PK	17.53872G	61.17	108.20	-47.03	67.24	3	Horizontal	344	2.00	-	44.51	12.60	63.18			
RMS	17.5429G	48.79	88.20	-39.41	54.83	3	Horizontal	344	2.00	-	44.54	12.60	63.18			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5865MHz_TX

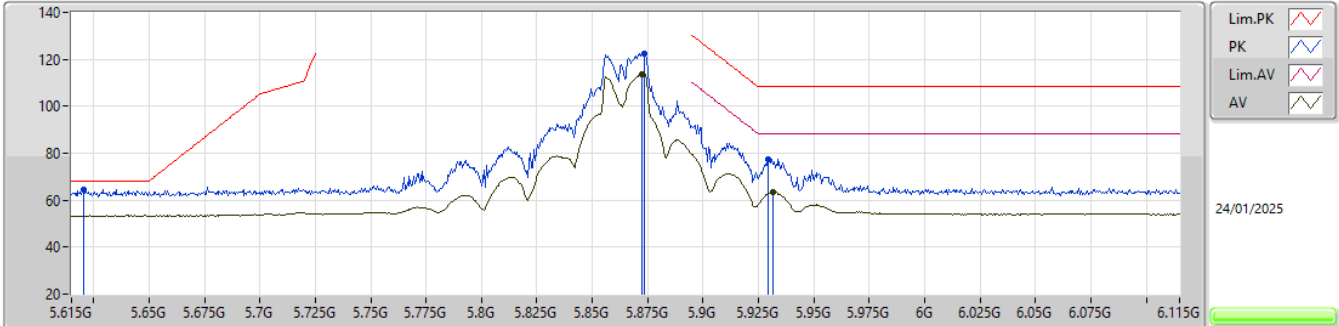


EUT_Y_2TX
Setting 29
02-R-G-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	64.76	68.20	-3.44	53.78	3	Vertical	6	2.55	-	34.00	7.67	30.69
PK	5.8615G	126.14	Inf	-Inf	114.89	3	Vertical	6	2.55	-	34.05	7.84	30.64
RMS	5.863G	115.78	Inf	-Inf	104.53	3	Vertical	6	2.55	-	34.05	7.84	30.64
PK	5.9215G	82.32	110.77	-28.45	70.87	3	Vertical	6	2.55	-	34.20	7.88	30.63
RMS	5.924G	67.31	88.93	-21.62	55.86	3	Vertical	6	2.55	-	34.20	7.88	30.63

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5865MHz_TX

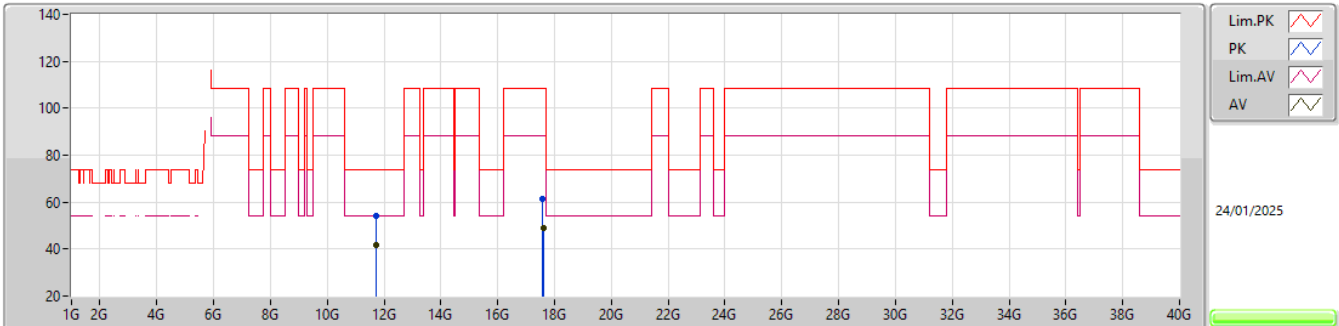


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6205G	64.41	68.20	-3.79	53.47	3	Horizontal	320	1.98	-	34.00	7.64	30.70
PK	5.8735G	122.59	Inf	-Inf	111.29	3	Horizontal	320	1.98	-	34.09	7.85	30.64
RMS	5.8725G	113.63	Inf	-Inf	102.33	3	Horizontal	320	1.98	-	34.09	7.85	30.64
PK	5.9295G	77.56	108.20	-30.64	66.11	3	Horizontal	320	1.98	-	34.20	7.88	30.63
RMS	5.9315G	63.61	88.20	-24.59	52.15	3	Horizontal	320	1.98	-	34.20	7.89	30.63

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

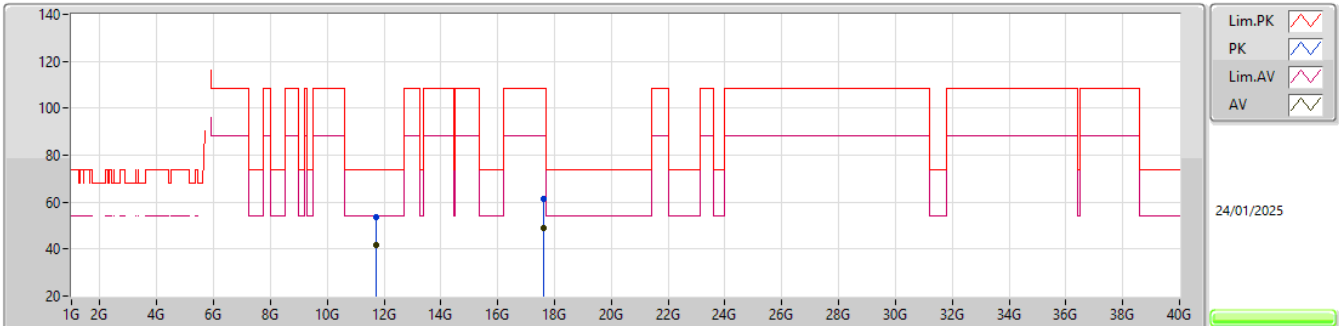
5865MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.73824G	54.03	74.00	-19.97	68.45	3	Vertical	242	2.24	-	39.58	11.91	65.91			
AV	11.73438G	41.82	54.00	-12.18	56.26	3	Vertical	242	2.24	-	39.57	11.91	65.92			
PK	17.59194G	61.27	108.20	-46.93	66.70	3	Vertical	256	1.50	-	45.02	12.63	63.08			
RMS	17.5996G	49.18	88.20	-39.02	54.51	3	Vertical	256	1.50	-	45.10	12.63	63.06			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

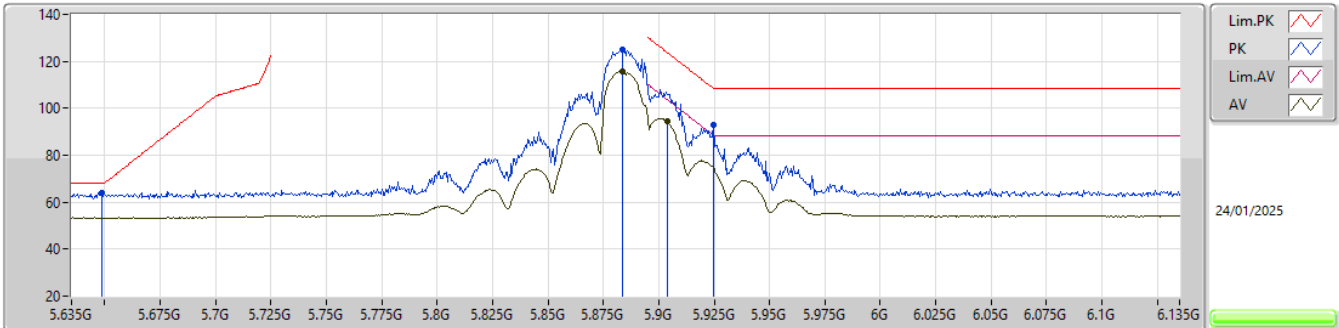
5865MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-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	11.72772G	53.78	74.00	-20.22	68.23	3	Horizontal	192	1.54	-	39.56	11.91	65.92			
AV	11.7346G	41.73	54.00	-12.27	56.17	3	Horizontal	192	1.54	-	39.57	11.91	65.92			
PK	17.60438G	61.42	108.20	-46.78	66.71	3	Horizontal	251	2.57	-	45.14	12.63	63.06			
RMS	17.5995G	49.20	88.20	-39.00	54.53	3	Horizontal	251	2.57	-	45.10	12.63	63.06			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5885MHz_TX

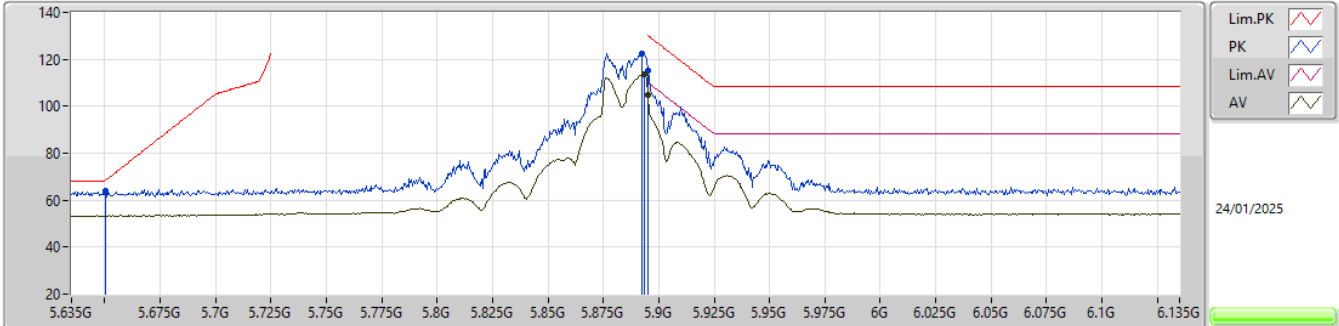


EUT_Y_2TX
Setting 29
02-R-G-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.6485G	63.94	68.20	-4.26	52.97	3	Vertical	5	2.55	-	34.00	7.66	30.69
PK	5.8835G	124.97	Inf	-Inf	113.63	3	Vertical	5	2.55	-	34.13	7.85	30.64
RMS	5.8835G	115.66	Inf	-Inf	104.32	3	Vertical	5	2.55	-	34.13	7.85	30.64
RMS	5.904G	94.27	103.60	-9.33	82.83	3	Vertical	5	2.55	-	34.20	7.87	30.63
PK	5.9245G	92.88	108.57	-15.69	81.43	3	Vertical	5	2.55	-	34.20	7.88	30.63

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5885MHz_TX

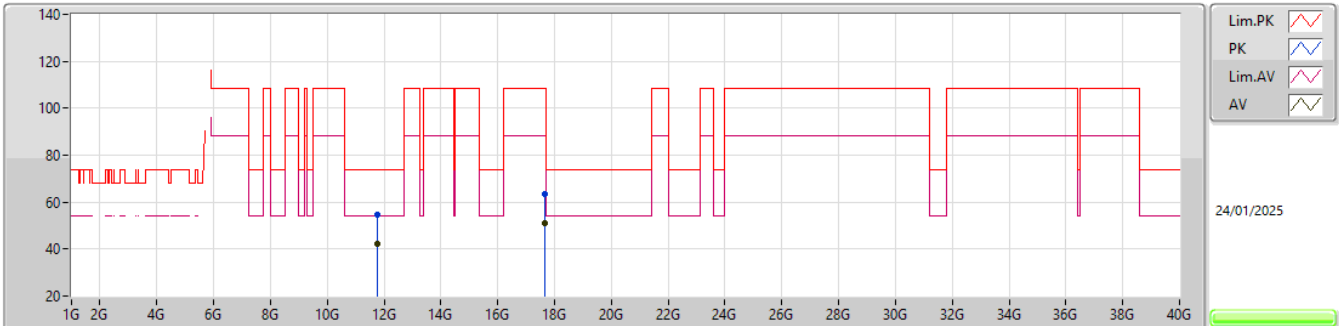


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6505G	63.84	68.57	-4.73	52.86	3	Horizontal	322	1.80	-	34.00	7.67	30.69			
PK	5.8925G	122.64	Inf	-Inf	111.25	3	Horizontal	322	1.80	-	34.17	7.86	30.64			
RMS	5.8935G	113.53	Inf	-Inf	102.14	3	Horizontal	322	1.80	-	34.17	7.86	30.64			
PK	5.895G	115.10	130.20	-15.10	103.70	3	Horizontal	322	1.80	-	34.18	7.86	30.64			
RMS	5.895G	104.88	110.20	-5.32	93.48	3	Horizontal	322	1.80	-	34.18	7.86	30.64			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

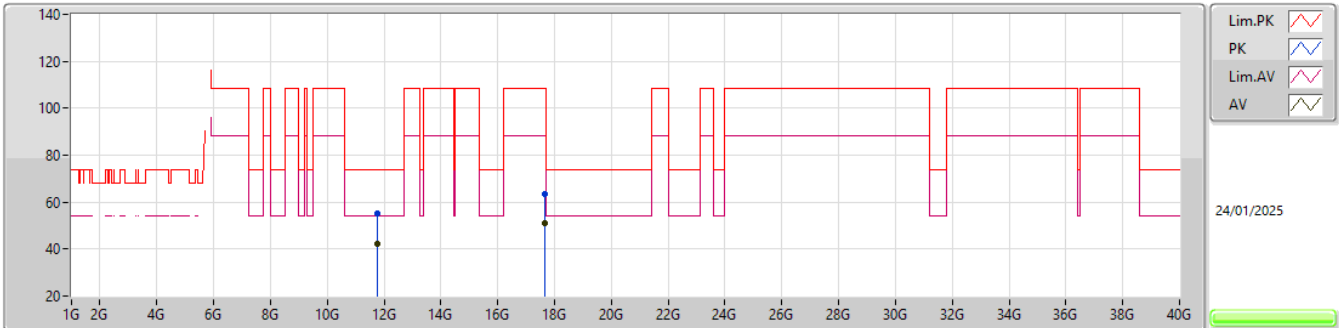
5885MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.76032G	54.54	74.00	-19.46	68.91	3	Vertical	286	1.62	-	39.60	11.93	65.90			
AV	11.77322G	42.10	54.00	-11.90	56.45	3	Vertical	286	1.62	-	39.60	11.94	65.89			
PK	17.64744G	63.36	108.20	-44.84	68.11	3	Vertical	19	1.65	-	45.57	12.65	62.97			
RMS	17.65902G	50.81	88.20	-37.39	55.41	3	Vertical	19	1.65	-	45.69	12.66	62.95			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_2TX

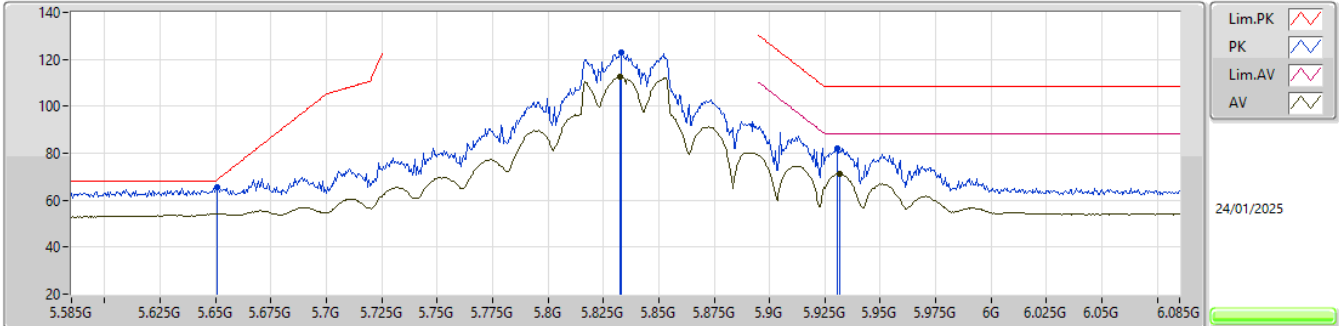
5885MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7639G	54.97	74.00	-19.03	69.34	3	Horizontal	125	1.78	-	39.60	11.93	65.90			
AV	11.77004G	42.05	54.00	-11.95	56.41	3	Horizontal	125	1.78	-	39.60	11.93	65.89			
PK	17.65928G	63.48	108.20	-44.72	68.08	3	Horizontal	68	2.91	-	45.69	12.66	62.95			
RMS	17.66172G	50.81	88.20	-37.39	55.37	3	Horizontal	68	2.91	-	45.72	12.66	62.94			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5835MHz_TX

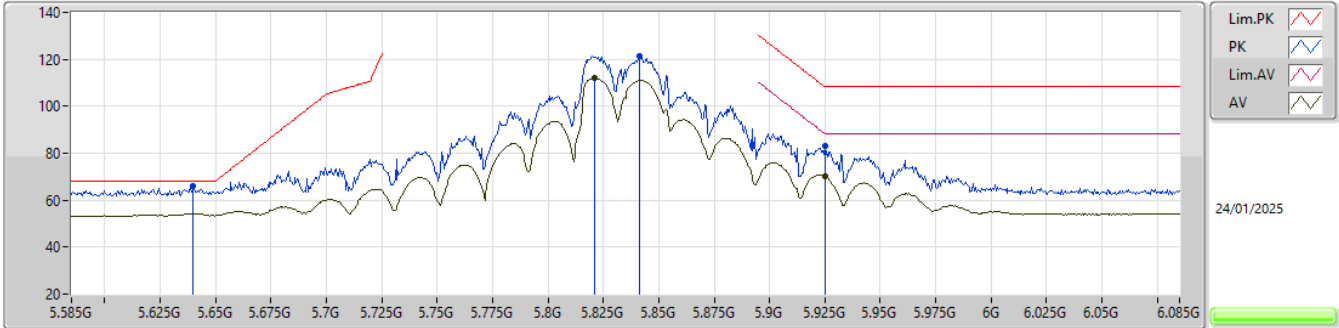


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6505G	65.59	68.57	-2.98	54.61	3	Vertical	12	1.91	-	34.00	7.67	30.69			
PK	5.833G	123.15	Inf	-Inf	111.95	3	Vertical	12	1.91	-	34.03	7.82	30.65			
RMS	5.8325G	112.39	Inf	-Inf	101.18	3	Vertical	12	1.91	-	34.04	7.82	30.65			
PK	5.9305G	82.11	108.20	-26.09	70.66	3	Vertical	12	1.91	-	34.20	7.88	30.63			
RMS	5.9315G	71.24	88.20	-16.96	59.78	3	Vertical	12	1.91	-	34.20	7.89	30.63			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5835MHz_TX

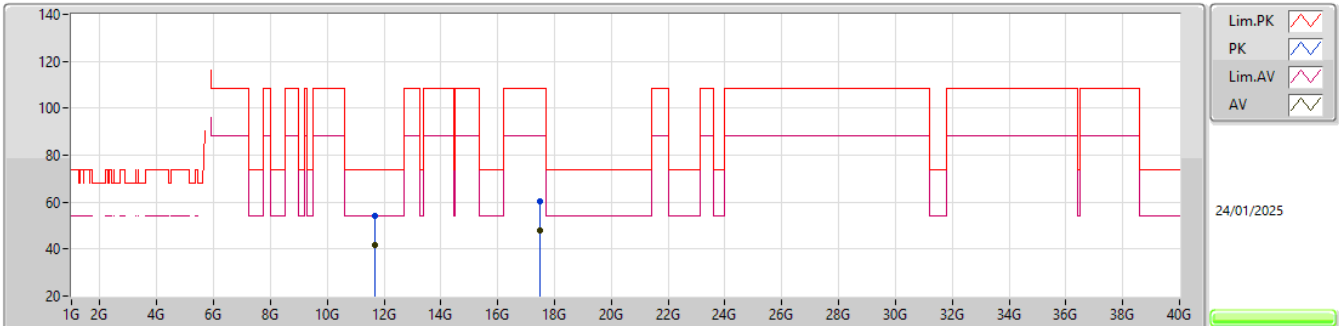


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.64G	66.17	68.20	-2.03	55.21	3	Horizontal	322	1.91	-	34.00	7.66	30.70			
PK	5.8415G	121.63	Inf	-Inf	110.43	3	Horizontal	322	1.91	-	34.02	7.83	30.65			
RMS	5.821G	111.99	Inf	-Inf	100.77	3	Horizontal	322	1.91	-	34.06	7.81	30.65			
PK	5.925G	83.02	108.20	-25.18	71.57	3	Horizontal	322	1.91	-	34.20	7.88	30.63			
RMS	5.925G	70.23	88.20	-17.97	58.78	3	Horizontal	322	1.91	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

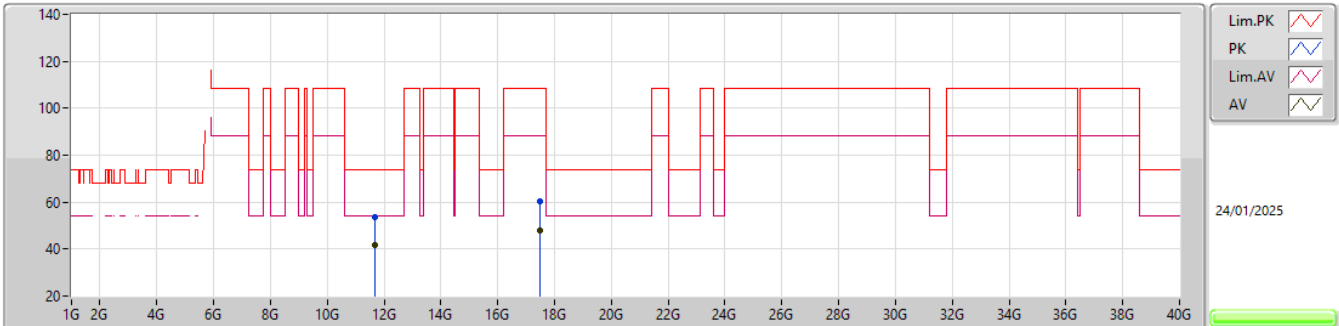
5835MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-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	11.6676G	54.18	74.00	-19.82	68.90	3	Vertical	323	2.10	-	39.37	11.87	65.96				
AV	11.6693G	41.54	54.00	-12.46	56.25	3	Vertical	323	2.10	-	39.38	11.87	65.96				
PK	17.50458G	60.37	108.20	-47.83	66.80	3	Vertical	249	2.90	-	44.24	12.58	63.25				
RMS	17.50974G	48.11	88.20	-40.09	54.48	3	Vertical	249	2.90	-	44.28	12.59	63.24				

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5835MHz_TX

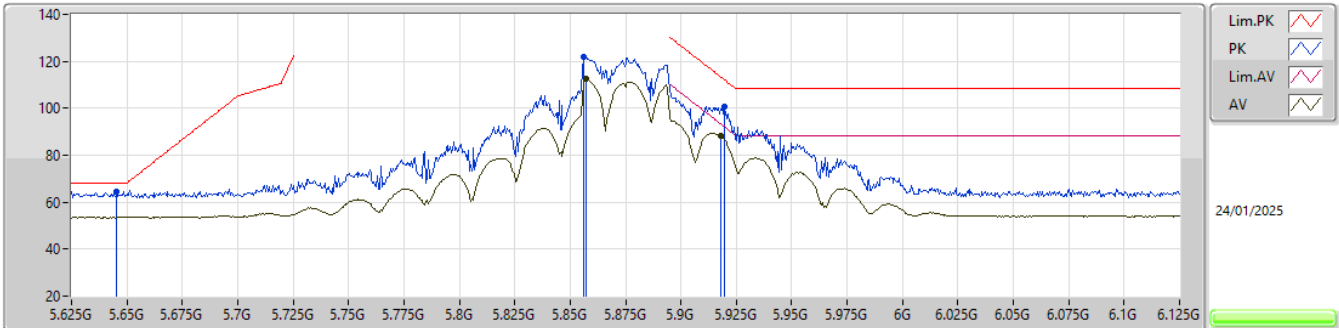


EUT Y_2TX
Setting 29
02-R-G-5

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	11.66774G	53.87	74.00	-20.13	68.59	3	Horizontal	314	2.12	-	39.37	11.87	65.96				
AV	11.67056G	41.48	54.00	-12.52	56.19	3	Horizontal	314	2.12	-	39.38	11.87	65.96				
PK	17.49862G	60.51	108.20	-47.69	67.00	3	Horizontal	249	2.06	-	44.19	12.58	63.26				
RMS	17.50954G	47.87	88.20	-40.33	54.24	3	Horizontal	249	2.06	-	44.28	12.59	63.24				

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5875MHz_TX

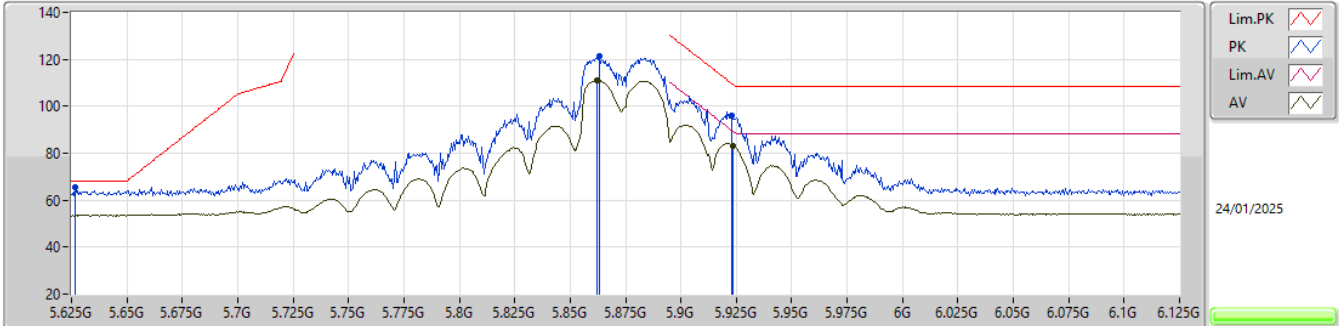


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6455G	64.59	68.20	-3.61	53.63	3	Vertical	3	2.27	-	34.00	7.66	30.70			
PK	5.856G	121.94	Inf	-Inf	110.72	3	Vertical	3	2.27	-	34.02	7.84	30.64			
RMS	5.857G	112.57	Inf	-Inf	101.34	3	Vertical	3	2.27	-	34.03	7.84	30.64			
PK	5.9195G	100.90	112.23	-11.33	89.45	3	Vertical	3	2.27	-	34.20	7.88	30.63			
RMS	5.918G	88.04	93.33	-5.29	76.59	3	Vertical	3	2.27	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5875MHz_TX

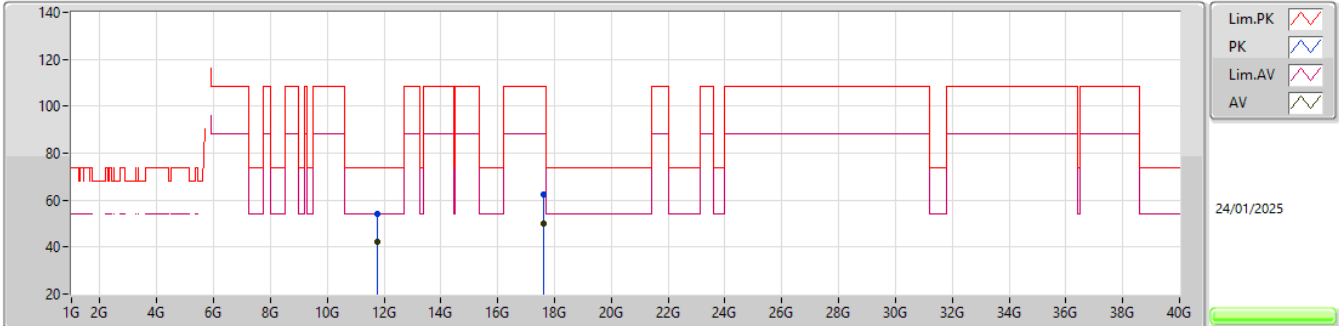


EUT_Y_2TX
Setting 29
02-R-G-5-10

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	5.6265G	65.61	68.20	-2.59	54.67	3	Horizontal	321	1.91	-	34.00	7.64	30.70			
PK	5.863G	121.17	Inf	-Inf	109.92	3	Horizontal	321	1.91	-	34.05	7.84	30.64			
RMS	5.862G	111.06	Inf	-Inf	99.81	3	Horizontal	321	1.91	-	34.05	7.84	30.64			
PK	5.923G	96.28	109.67	-13.39	84.83	3	Horizontal	321	1.91	-	34.20	7.88	30.63			
RMS	5.9235G	83.35	89.30	-5.95	71.90	3	Horizontal	321	1.91	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5875MHz_TX

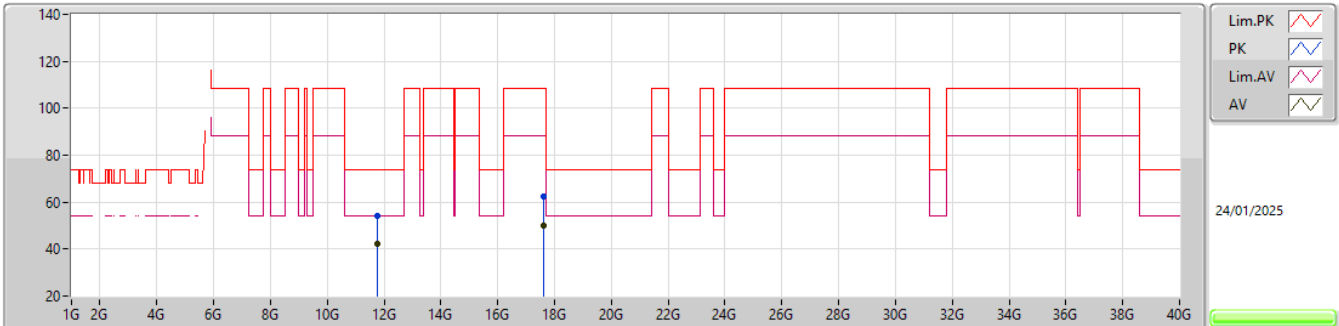


EUT_Y_2TX
Setting 29
02-R-G-5

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	11.74918G	54.22	74.00	-19.78	68.61	3	Vertical	203	2.26	-	39.60	11.92	65.91				
AV	11.75104G	42.19	54.00	-11.81	56.57	3	Vertical	203	2.26	-	39.60	11.92	65.90				
PK	17.6282G	62.46	108.20	-45.74	67.45	3	Vertical	20	1.52	-	45.38	12.64	63.01				
RMS	17.63252G	50.07	88.20	-38.13	54.99	3	Vertical	20	1.52	-	45.43	12.65	63.00				

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_2TX

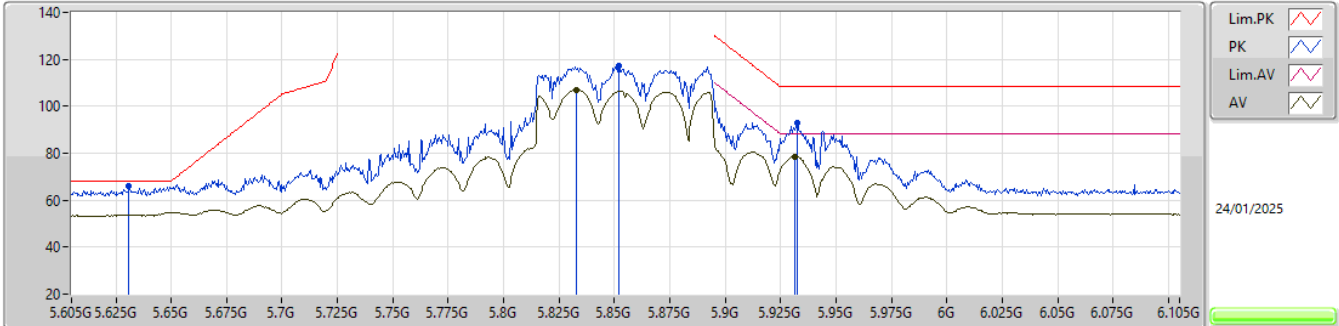
5875MHz_TX

EUT_Y_2TX
Setting 29
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.75888G	54.29	74.00	-19.71	68.66	3	Horizontal	109	1.66	-	39.60	11.93	65.90			
AV	11.75414G	42.12	54.00	-11.88	56.50	3	Horizontal	109	1.66	-	39.60	11.92	65.90			
PK	17.62612G	62.59	108.20	-45.61	67.60	3	Horizontal	332	1.84	-	45.36	12.64	63.01			
RMS	17.63296G	50.18	88.20	-38.02	55.10	3	Horizontal	332	1.84	-	45.43	12.65	63.00			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5855MHz_TX

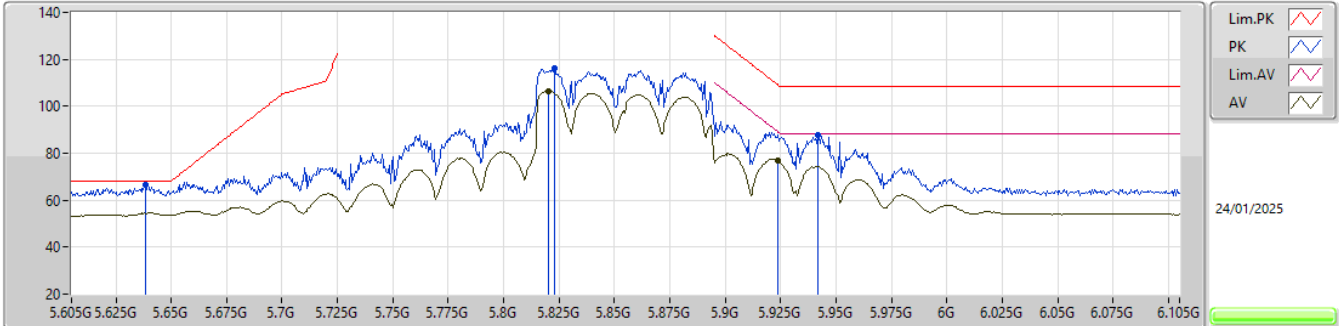


EUT_Y_2TX
Setting 25
02-R-G-5-10

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	5.631G	66.05	68.20	-2.15	55.10	3	Vertical	12	1.90	-	34.00	7.65	30.70			
PK	5.852G	117.46	Inf	-Inf	106.27	3	Vertical	12	1.90	-	34.01	7.83	30.65			
RMS	5.833G	106.93	Inf	-Inf	95.73	3	Vertical	12	1.90	-	34.03	7.82	30.65			
PK	5.9325G	93.02	108.20	-15.18	81.56	3	Vertical	12	1.90	-	34.20	7.89	30.63			
RMS	5.9315G	78.67	88.20	-9.53	67.21	3	Vertical	12	1.90	-	34.20	7.89	30.63			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5855MHz_TX

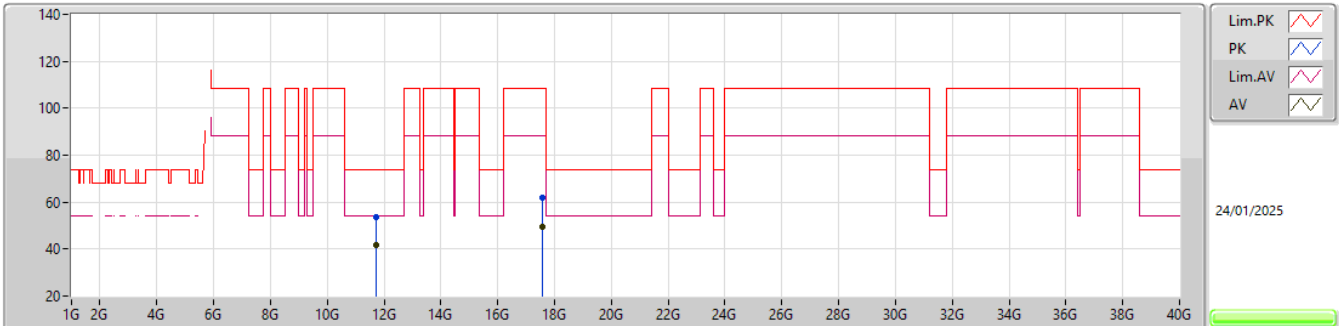


EUT_Y_2TX
Setting 25
02-R-G-5-10

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	5.6385G	66.72	68.20	-1.48	55.77	3	Horizontal	324	1.84	-	34.00	7.65	30.70			
PK	5.823G	116.05	Inf	-Inf	104.84	3	Horizontal	324	1.84	-	34.05	7.81	30.65			
RMS	5.82G	106.55	Inf	-Inf	95.33	3	Horizontal	324	1.84	-	34.06	7.81	30.65			
PK	5.942G	87.84	108.20	-20.36	76.37	3	Horizontal	324	1.84	-	34.20	7.89	30.62			
RMS	5.924G	76.73	88.93	-12.20	65.28	3	Horizontal	324	1.84	-	34.20	7.88	30.63			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_2TX

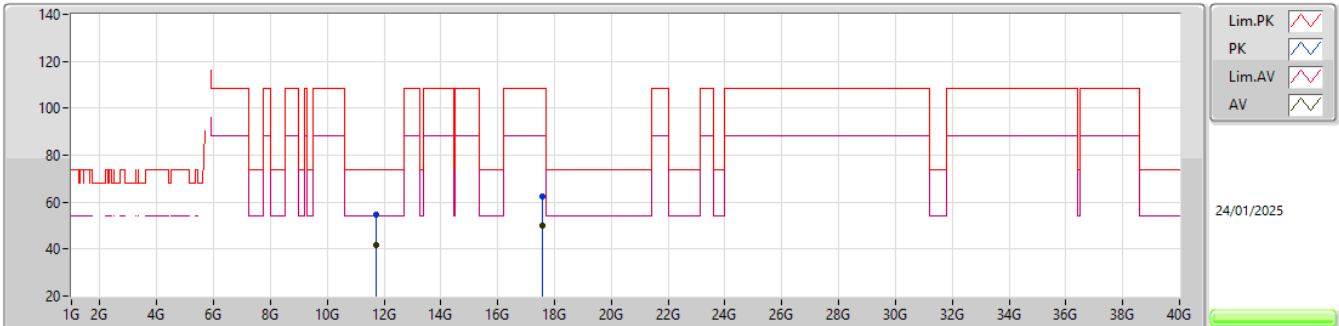
5855MHz_TX

EUT_Y_2TX
Setting 25
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.70842G	53.52	74.00	-20.48	68.04	3	Vertical	251	2.87	-	39.52	11.89	65.93			
AV	11.71762G	41.50	54.00	-12.50	55.99	3	Vertical	251	2.87	-	39.54	11.90	65.93			
PK	17.56588G	61.64	108.20	-46.56	67.40	3	Vertical	167	2.36	-	44.76	12.61	63.13			
RMS	17.56606G	49.56	88.20	-38.64	55.32	3	Vertical	167	2.36	-	44.76	12.61	63.13			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_2TX

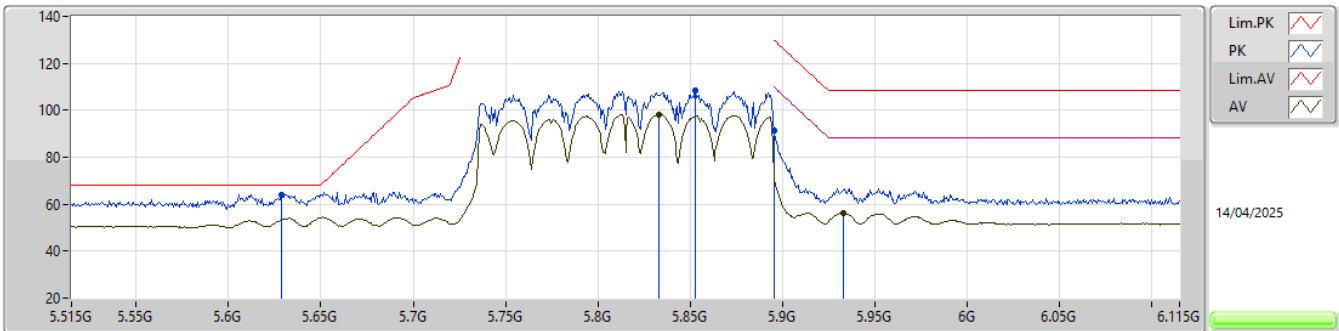
5855MHz_TX

EUT_Y_2TX
Setting 25
02-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.70244G	54.68	74.00	-19.32	69.23	3	Horizontal	191	2.92	-	39.50	11.89	65.94			
AV	11.71048G	41.73	54.00	-12.27	56.24	3	Horizontal	191	2.92	-	39.52	11.90	65.93			
PK	17.56644G	62.19	108.20	-46.01	67.95	3	Horizontal	321	1.81	-	44.76	12.61	63.13			
RMS	17.57298G	49.89	88.20	-38.31	55.56	3	Horizontal	321	1.81	-	44.83	12.62	63.12			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5815MHz_TX

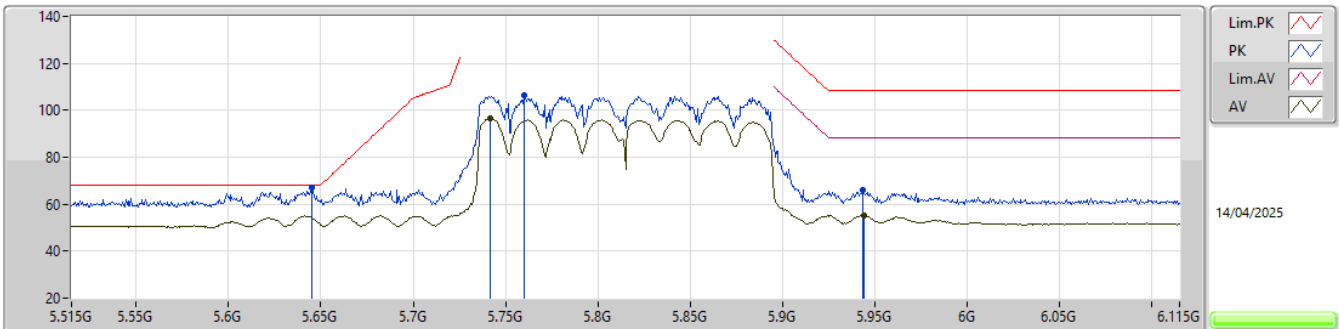


EUT Y_2TX
Setting 18
03-P-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6284G	64.21	68.20	-3.99	57.48	3	Vertical	3	2.75	-	34.30	7.66	35.23			
PK	5.8528G	108.23	Inf	-Inf	101.10	3	Vertical	3	2.75	-	34.31	8.02	35.20			
RMS	5.833G	98.22	Inf	-Inf	91.17	3	Vertical	3	2.75	-	34.27	7.99	35.21			
PK	5.8954G	91.61	129.91	-38.30	84.27	3	Vertical	3	2.75	-	34.48	8.06	35.20			
RMS	5.9332G	56.37	88.20	-31.83	48.84	3	Vertical	3	2.75	-	34.63	8.10	35.20			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

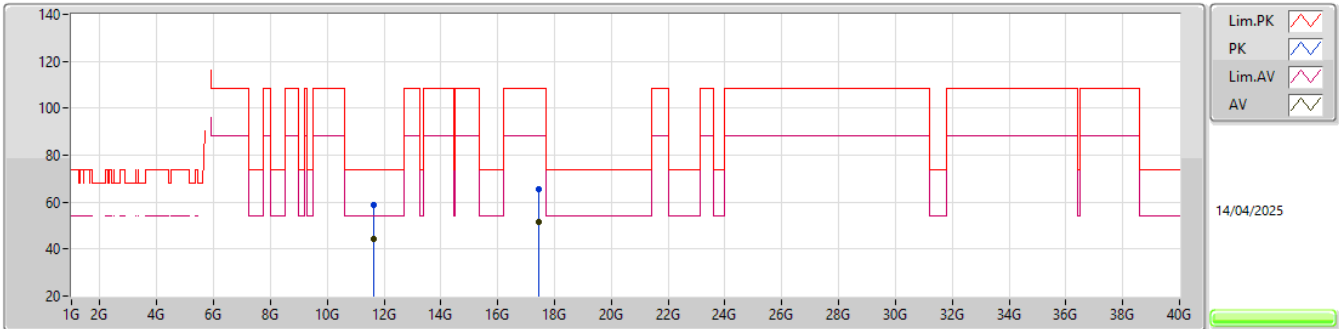
5815MHz_TX

EUT Y_2TX
Setting 18
03-P-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6452G	66.83	68.20	-1.37	60.07	3	Horizontal	321.3	1.80	-	34.30	7.69	35.23			
PK	5.7598G	106.44	Inf	-Inf	99.56	3	Horizontal	321.3	1.80	-	34.20	7.89	35.21			
RMS	5.7418G	96.44	Inf	-Inf	89.60	3	Horizontal	321.3	1.80	-	34.20	7.86	35.22			
PK	5.9434G	65.85	108.20	-42.35	58.27	3	Horizontal	321.3	1.80	-	34.67	8.11	35.20			
RMS	5.944G	55.26	88.20	-32.94	47.67	3	Horizontal	321.3	1.80	-	34.68	8.11	35.20			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

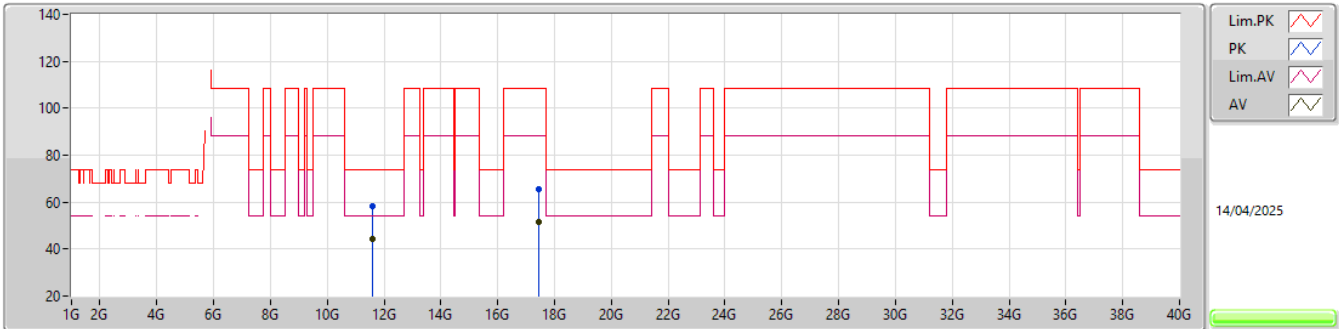
5815MHz_TX

EUT Y_2TX
Setting 18
03-P-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.64428G	58.78	74.00	-15.22	42.18	3	Vertical	157	1.80	-	39.39	11.69	34.48			
AV	11.6438G	44.28	54.00	-9.72	27.68	3	Vertical	157	1.80	-	39.39	11.69	34.48			
PK	17.45874G	65.43	108.20	-42.77	43.12	3	Vertical	336	1.82	-	42.17	13.98	33.84			
RMS	17.46474G	51.45	88.20	-36.75	29.08	3	Vertical	336	1.82	-	42.22	13.99	33.84			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5815MHz_TX

EUT Y_2TX
Setting 18
03-P-K-3

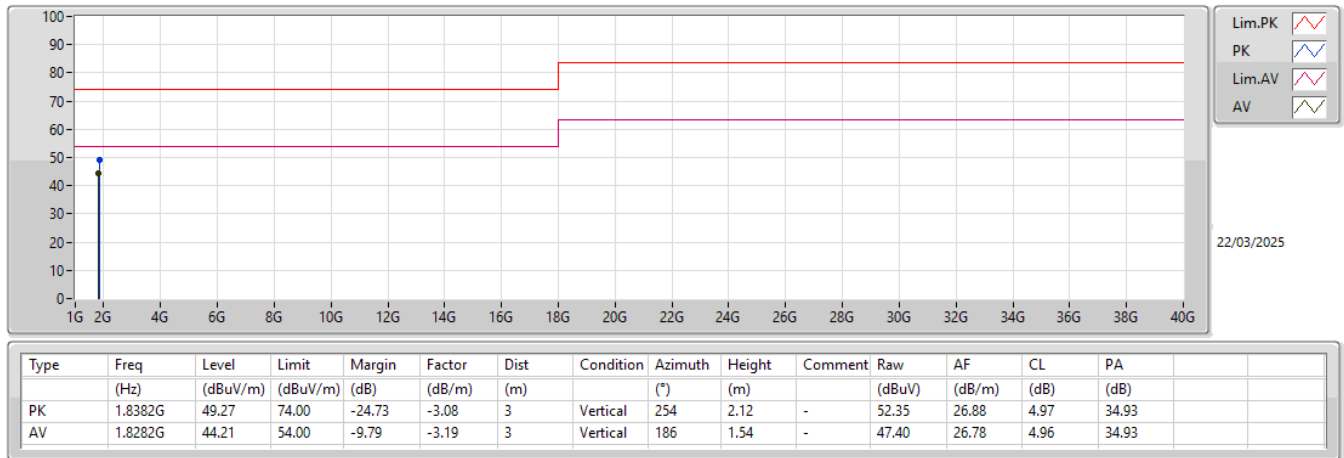
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.60126G	58.21	74.00	-15.79	41.68	3	Horizontal	310	2.59	-	39.30	11.67	34.44			
AV	11.60282G	44.19	54.00	-9.81	27.65	3	Horizontal	310	2.59	-	39.31	11.67	34.44			
PK	17.45562G	65.39	108.20	-42.81	43.12	3	Horizontal	178	1.80	-	42.14	13.98	33.85			
RMS	17.45916G	51.58	88.20	-36.62	29.27	3	Horizontal	178	1.80	-	42.17	13.98	33.84			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.8282G	44.21	54.00	-9.79	Vertical

Mode 1



Mode 1

