

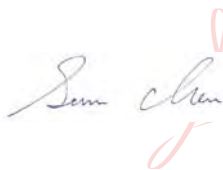


RADIO TEST REPORT

FCC ID : Z8H89FT0086
Equipment : X7-55X Wi-Fi 7 Indoor Access Point
Brand Name : Cambium Networks
Model Name : X7-55X
Applicant : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Manufacturer : Cambium Networks Inc.
3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 25, 2024, and testing was started from Jul. 03, 2024 and completed on Feb. 06, 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.

 Sam Chen
2025.04.21
17:42:04
+08'00'

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.)



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	11
2 Test Configuration of EUT	12
2.1 Test Channel Mode	12
2.2 The Worst Case Measurement Configuration	13
2.3 EUT Operation during Test	14
2.4 Accessories	14
2.5 Support Equipment.....	15
2.6 Test Setup Diagram	16
3 Transmitter Test Result	19
3.1 AC Power-line Conducted Emissions	19
3.2 Emission Bandwidth	21
3.3 Maximum EIRP Output Power	22
3.4 EIRP Power Spectral Density.....	24
3.5 Unwanted Emissions.....	27
4 Test Equipment and Calibration Data	32
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 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:

1. 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.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen**Report Producer: Muse Chan**



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 (MHz)	Nant
5725-5895GHz	802.11a	20	4TX
5725-5895GHz	802.11n HT20	20	4TX
5725-5895GHz	802.11n HT20-BF	20	4TX
5725-5895GHz	802.11ac VHT20	20	4TX
5725-5895GHz	802.11ac VHT20-BF	20	4TX
5725-5895GHz	802.11ax HEW20	20	4TX
5725-5895GHz	802.11ax HEW20-BF	20	4TX
5725-5895GHz	802.11be EHT20	20	4TX
5725-5895GHz	802.11be EHT20-BF	20	4TX
5725-5895GHz	802.11n HT40	40	4TX
5725-5895GHz	802.11n HT40-BF	40	4TX
5725-5895GHz	802.11ac VHT40	40	4TX
5725-5895GHz	802.11ac VHT40-BF	40	4TX
5725-5895GHz	802.11ax HEW40	40	4TX
5725-5895GHz	802.11ax HEW40-BF	40	4TX
5725-5895GHz	802.11be EHT40	40	4TX
5725-5895GHz	802.11be EHT40-BF	40	4TX
5725-5895GHz	802.11ac VHT80	80	4TX
5725-5895GHz	802.11ac VHT80-BF	80	4TX
5725-5895GHz	802.11ax HEW80	80	4TX
5725-5895GHz	802.11ax HEW80-BF	80	4TX



Band	Mode	BWch (MHz)	Nant
5725-5895GHz	802.11be EHT80	80	4TX
5725-5895GHz	802.11be EHT80-BF	80	4TX
5725-5895GHz	802.11ac VHT160	160	4TX
5725-5895GHz	802.11ac VHT160-BF	160	4TX
5725-5895GHz	802.11ax HEW160	160	4TX
5725-5895GHz	802.11ax HEW160-BF	160	4TX
5725-5895GHz	802.11be EHT160	160	4TX
5725-5895GHz	802.11be EHT160-BF	160	4TX

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, 1024QAM 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)	Modes of Operation
1	1	ACCTON	RFMTA202028IMLB901-1	Dipole	I-PEX	Note 1	WLAN 2.4GHz (Radio 1)
2	2	ACCTON	RFMTA202028IMLB901-2	Dipole	I-PEX		WLAN 2.4GHz (Radio 1)
3	1	ACCTON	RFMTA202028IMLB901-3	Dipole	I-PEX		WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)
4	2	ACCTON	RFMTA202028IMLB901-4	Dipole	I-PEX		WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)
5	3	ACCTON	RFMTA202028IMLB901-5	Dipole	I-PEX		WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)
6	4	ACCTON	RFMTA202028IMLB901-6	Dipole	I-PEX		WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)
7	1	ACCTON	RFMTA202028IMLB901-7	PIFA	I-PEX		WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)
8	2	ACCTON	RFMTA202028IMLB901-8	PIFA	I-PEX		WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)
9	3	ACCTON	RFMTA202028IMLB901-9	PIFA	I-PEX		WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)
10	4	ACCTON	RFMTA202028IMLB901-10	PIFA	I-PEX		WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)
11	1	ACCTON	GT128V007S-001-1	On board chip	N/A		Bluetooth or Zigbee (Radio 3)



Note 1:

Ant.	Antenna Gain (dBi)							
	WLAN 2.4GHz (Radio 1)							
	2.4GHz		2.45GHz			2.4835GHz		
1	5.18		5.54			4.85		
2	4.30		4.91			4.16		
Ant.	WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)							
	5.2GHz		5.3GHz		5.6GHz		5.785GHz	
3	4.53		4.73		5.43		5.95	
4	4.42		4.45		5.71		4.41	
5	4.41		4.77		3.91		3.44	
6	4.30		4.6		3.73		4.00	
Ant.	WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)							
	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
7	7.62	7.57	7.21	6.61	6.48	5.84	4.61	
8	4.54	4.69	4.98	5.24	4.56	4.54	4.66	
9	5.08	6.56	5.89	7.48	6.00	5.31	4.96	
10	6.95	6.90	5.49	6.12	4.54	4.71	4.98	
Bluetooth or Zigbee (Radio 3)								
11	4.3							

Item	Directional Gain (dBi)						
	WLAN 2.4GHz (Radio 1)						
	2.4GHz		2.45GHz			2.4835GHz	
2T1S	6.91		6.86			6.04	
2T2S	5.18		5.54			4.85	
Item	WLAN 5GHz UNII 1-3 or UNII 1-2A (Radio 2)						
	5.2GHz		5.3GHz		5.6GHz		5.785GHz
4T1S	8.62		9.31		9.18		8.43
4T2S	5.62		6.31		6.18		5.95
4T4S	4.53		4.77		5.71		5.95
Item	WLAN 5GHz UNII 2C-4 or WLAN 6GHz (Radio 4)						
	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
4T1S	8.64	9.25	8.37	8.52	7.67	8.34	6.87
4T2S	7.62	7.57	7.21	7.48	6.48	5.84	4.98
4T4S	7.62	7.57	7.21	7.48	6.48	5.84	4.98

Note 2: The above information (excepting Ant. 1-10 antenna gain and directional gain) was declared by manufacturer.



Note 3: Radio 1, 2, 4: Maximum Directional Gain following KDB662911 D03.

For Radio 1:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-3 or UNII 1-2A) IEEE 802.11a/n/ac/ax/be 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 Bluetooth or Zigbee mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 4:

For 5GHz (UNII 2C-4) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

For 6GHz IEEE 802.11ax/be mode (4TX/4RX)

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss 1,(6D)	1	0	1m	10Hz (DC $\geq$ 0.98)
802.11be EHT20_Nss 1,(M0)	1	0	1m	10Hz (DC $\geq$ 0.98)
802.11be EHT40_Nss 1,(M0)	1	0	1m	10Hz (DC $\geq$ 0.98)
802.11be EHT80_Nss 1,(M14)	1	0	1m	10Hz (DC $\geq$ 0.98)
802.11be EHT160_Nss 1,(M14)	1	0	1m	10Hz (DC $\geq$ 0.98)
802.11be EHT20-BF_Nss 1,(M0)	1	0	1m	10Hz (DC $\geq$ 0.98)
802.11be EHT40-BF_Nss 1,(M0)	1	0	1m	10Hz (DC $\geq$ 0.98)
802.11be EHT80-BF_Nss 1,(M14)	1	0	1m	10Hz (DC $\geq$ 0.98)
802.11be EHT160-BF_Nss 1,(M14)	1	0	1m	10Hz (DC $\geq$ 0.98)

Note:

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

**1.1.4 EUT Operational Condition**

EUT Power Type	Power from PoE	
Beamforming Function	☒ With beamforming	☐ Without beamforming
	The product has beamforming function for Radio 1 (n/VHT/ax/be in 2.4GHz), Radio 2 (n/ac/ax/be in 5GHz), and Radio 4 (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	
	☒ Unsupported	
Support RU	☒ Full RU	☐ Partial RU
Test Software Version	V6.00.00164.3	

Note: The above information was declared by manufacturer.

1.1.5 Table for Radio function

Radio \ Function	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	Zigbee
1	V	-	-	-	-
2	-	V (UNII 1-3 or UNII 1-2A)	-	-	-
3	-	-	-	V	V
4	-	V (UNII 2C-4)	V	-	-

Note 1: For WLAN 5GHz: The Radio 2 and 4 can't operate at the same frequency simultaneously.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Operation Function

Mode	Operation Function
1	R1: 2.4GHz + R2: 5GHz Full Band + R3: Bluetooth + R4: 6GHz
2	R1: 2.4GHz + R2: 5GHz Full Band + R3: Zigbee + R4: 6GHz
3	R1: 2.4GHz + R2: 5GHz Low Band+ R3: Bluetooth + R4: 5GHz High band
4	R1: 2.4GHz + R2: 5GHz Low Band+ R3: Zigbee + R4: 5GHz High band

Note 1: The R means Radio.

Full Band means UNII 1-3.

Low Band means UNII 1-2A.

High Band means UNII 2C-4.

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 D03 v01
- ♦ 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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	KJ Chang	22.8~24.8 / 61~63	Jul. 03, 2024~ Dec. 30, 2024
Radiated (Below 1GHz)	03CH06-CB	Gordon Hung	21.9-22.4 / 55-58	Feb. 06, 2025
Radiated (Above 1GHz)	03CH06-CB	Gordon Hung	21.9-22.4 / 55-58	Dec. 07, 2024~ Jan. 06, 2025
AC Conduction	CO01-CB	Joe Chu	21~22 / 52~53	Dec. 25, 2024

1.4 Measurement Uncertainty

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

Parameter	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)_4TX
5845MHz
5865MHz
5885MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5845MHz
5865MHz
5885MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5835MHz
5875MHz
802.11be EHT80_Nss1,(MCS14)_4TX
5855MHz
802.11be EHT160_Nss1,(MCS14)_4TX
5815MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5845MHz
5865MHz
5885MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5835MHz
5875MHz
802.11be EHT80-BF_Nss1,(MCS14)_4TX
5855MHz
802.11be EHT160-BF_Nss1,(MCS14)_4TX
5815MHz

Note:

- ♦ 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.
- ♦ 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.

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_R1: 2.4GHz + R2: 5GHz Full Band + R3: Bluetooth + R4: 6GHz + PoE
2	EUT_R1: 2.4GHz + R2: 5GHz Full Band + R3: Zigbee(TX) + R4: 6GHz + PoE
3	EUT_R1: 2.4GHz + R2: 5GHz Full Band + R3: Zigbee(RX) + R4: 6GHz + PoE
4	EUT_R1: 2.4GHz + R2: 5GHz Low Band+ R3: Bluetooth + R4: 5GHz High band + PoE
5	EUT_R1: 2.4GHz + R2: 5GHz Low Band+ R3: Zigbee(TX) + R4: 5GHz High band + PoE
6	EUT_R1: 2.4GHz + R2: 5GHz Low Band+ R3: Zigbee(RX) + R4: 5GHz High band + PoE
For operating mode 6 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, EUT in Z axis was the worst case for Bluetooth and Y axis for others from radiated emission above 1GHz, so the measurement will follow this same test configuration.
1	EUT in Y axis + R1: 2.4GHz + PoE
2	EUT in Y axis + R2: 5GHz + PoE
3	EUT in Y axis + R4: 5GHz + PoE
4	EUT in Y axis + R4: 6GHz + PoE
5	EUT in Z axis + R3: Bluetooth + PoE
6	EUT in Y axis + R3: Zigbee + PoE
For operating mode 1 is the worst case and it was record in this test report.	



Operating Mode > 1GHz	CTX
	After evaluating, and the worst case was found as below. So the measurement will follow this same test configuration.
1	EUT in Z axis (Bandedge) / EUT in Y axis (Harmonic)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R1: 2.4GHz + R2: 5GHz Full Band + R3: Bluetooth + R4: 6GHz
2	R1: 2.4GHz + R2: 5GHz Full Band + R3: Zigbee + R4: 6GHz
3	R1: 2.4GHz + R2: 5GHz Low Band+ R3: Bluetooth + R4: 5GHz High band
4	R1: 2.4GHz + R2: 5GHz Low Band+ R3: Zigbee+ R4: 5GHz High band
Refer to Sporton Test Report No.: FA462417 for Co-location RF Exposure Evaluation.	

Note 1: The PoE is for measurement only, would not be marketed. PoE information as below:

Power	Brand	Model
PoE	Cambium	NET-P30-56IN

Note 2: The USB port cannot be used by the end user, as declared by the manufacturer.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories
Wall-mounted rack 1*1
Wall-mounted rack 2*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium	NET-P30-56IN	N/A
B	Zigbee device	Cambium	X7-55X	Z8H89FT0086
C	LAN PC	ASUS	S300TA	TX2-RTL8821C
D	2.4G NB	DELL	E6430	N/A
E	5GL NB	DELL	E6430	N/A
F	5GH NB	DELL	E6430	N/A
G	Zigbee device PC	ASUS	S300TA	TX2-RTL8821C
H	Flash disk3.0	Transcend	JetFlash-703	N/A

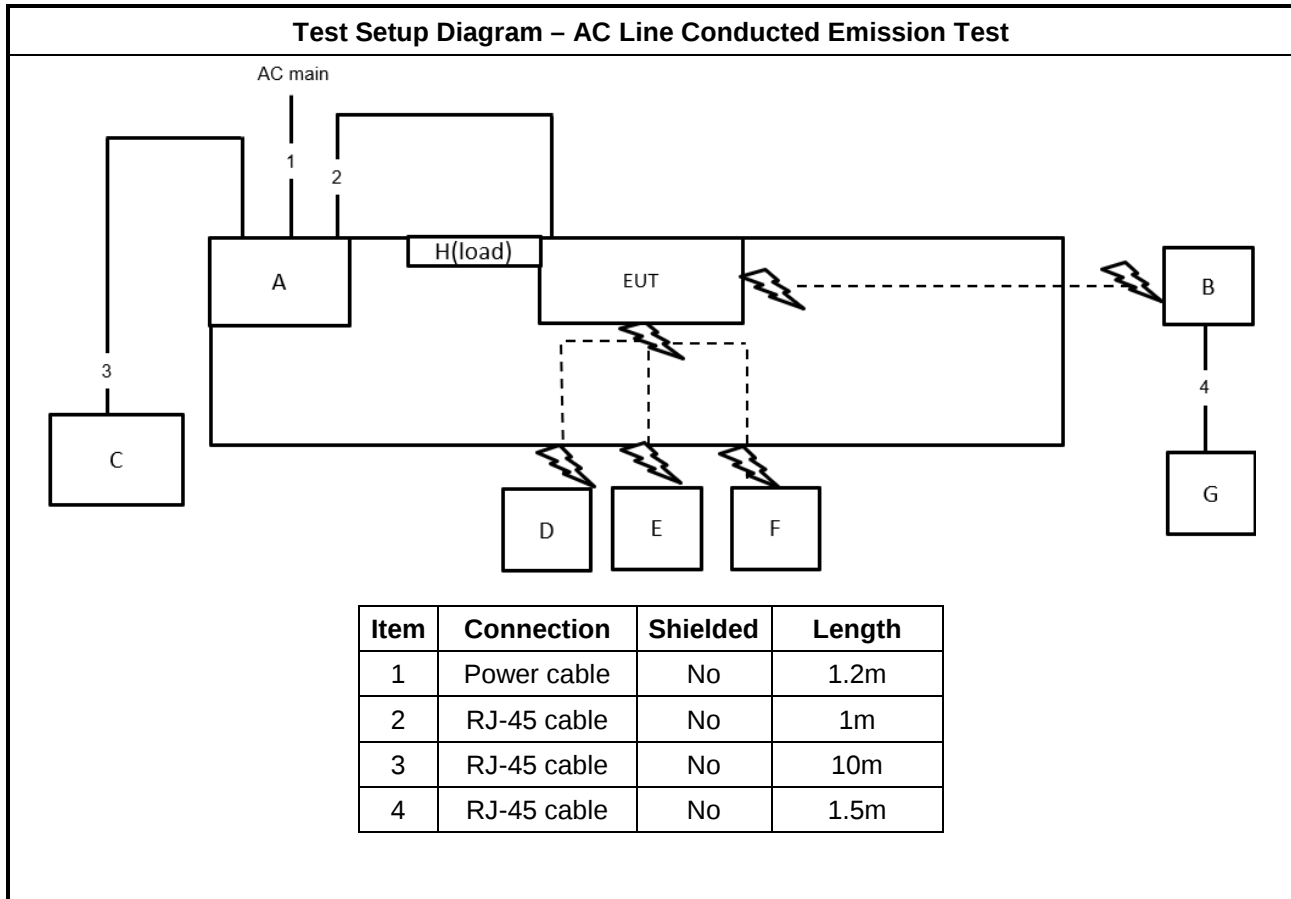
For Radiated (below 1GHz):

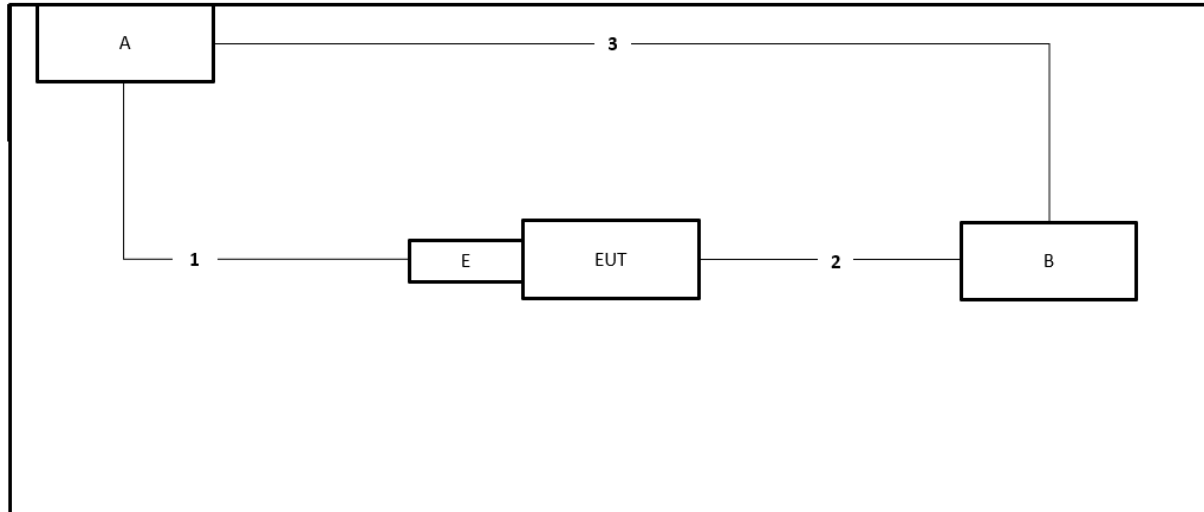
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A
E	Fixture	SILICON LABS	PCB1015A	N/A

For Radiated (above 1GHz) and RF Conducted:

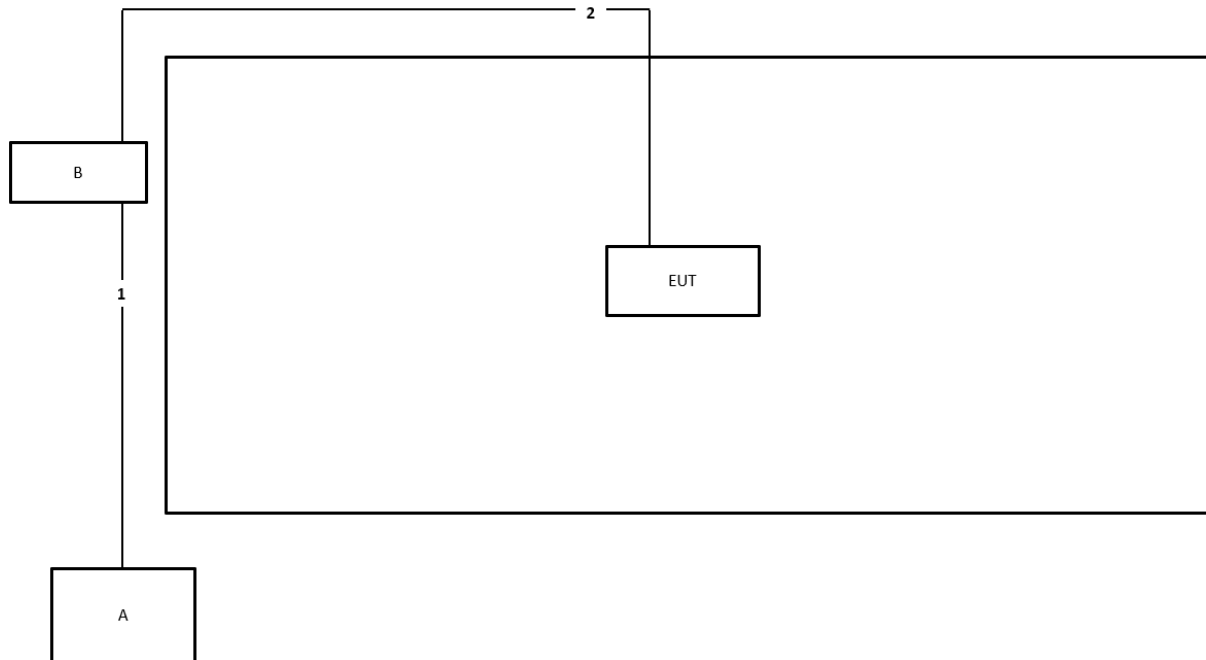
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	PoE	Cambium	NET-P30-56IN	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	USB to TypeC cable	Yes	1m
2	RJ-45 cable	No	1m
3	RJ-45 cable	No	1m

Test Setup Diagram - Radiated Test > 1GHz


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

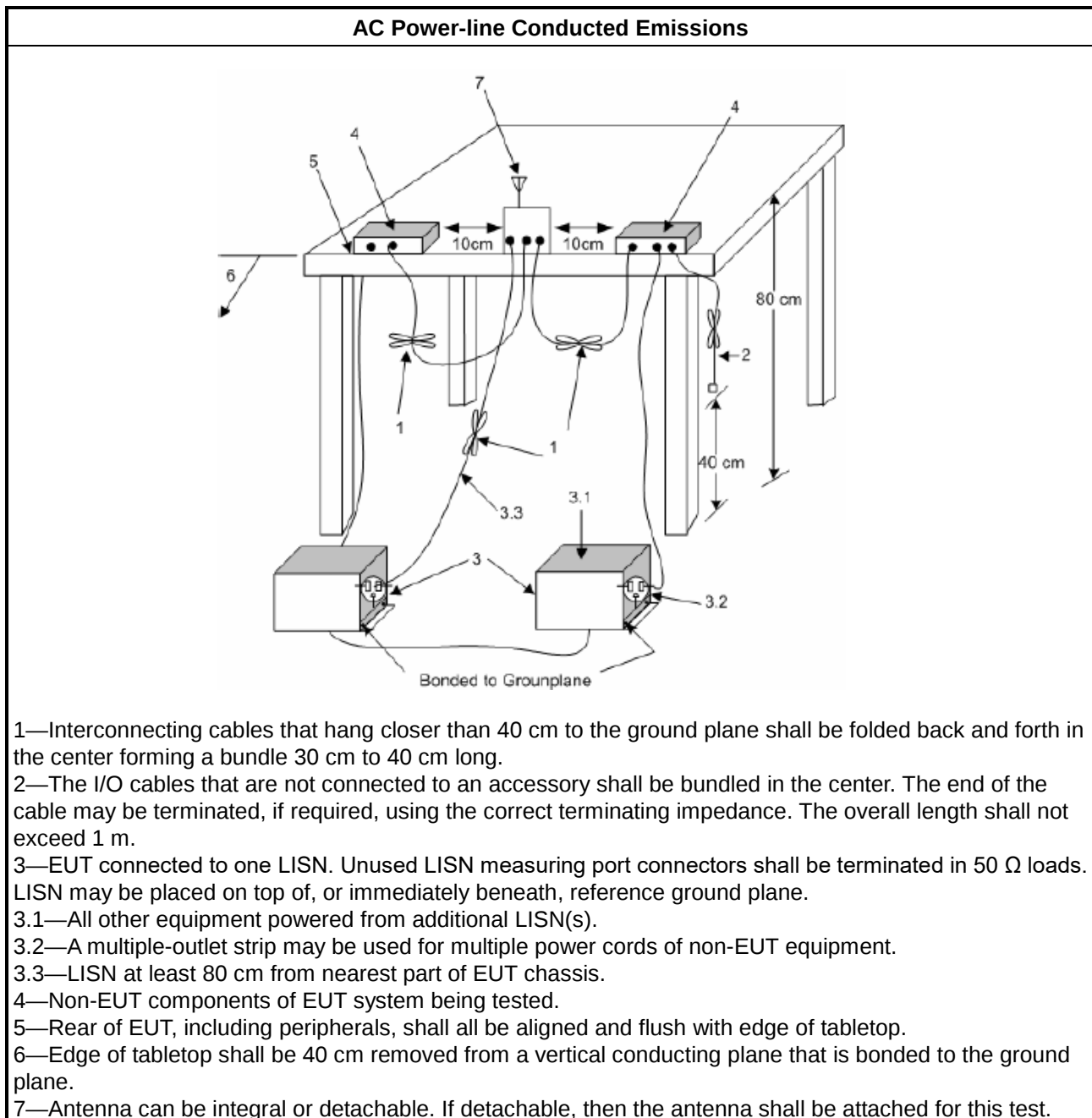
3.1.2 Measuring Instruments

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



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

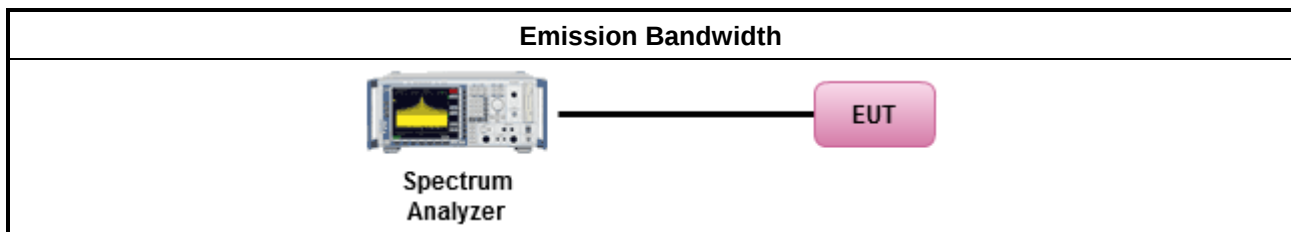
3.2.2 Measuring Instruments

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

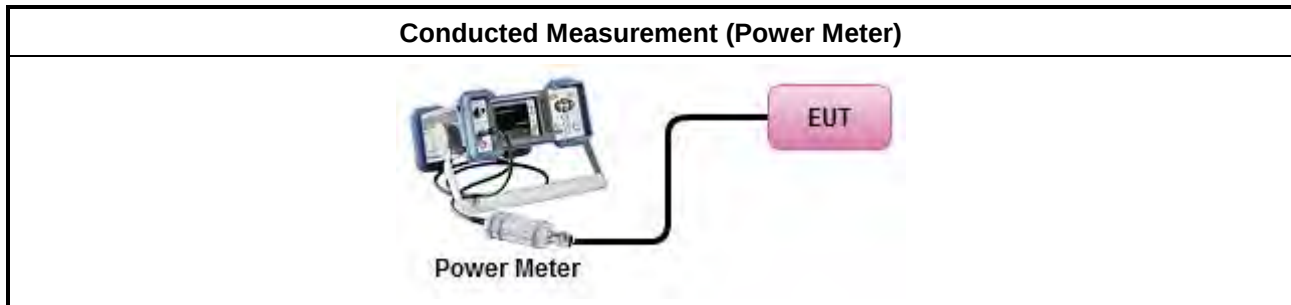
3.3.2 Measuring Instruments

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 EIRP 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

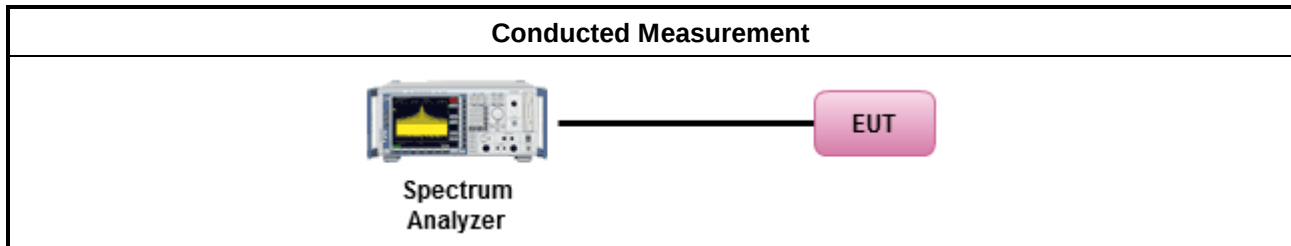
Refer a test equipment and calibration data table in this test report.



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

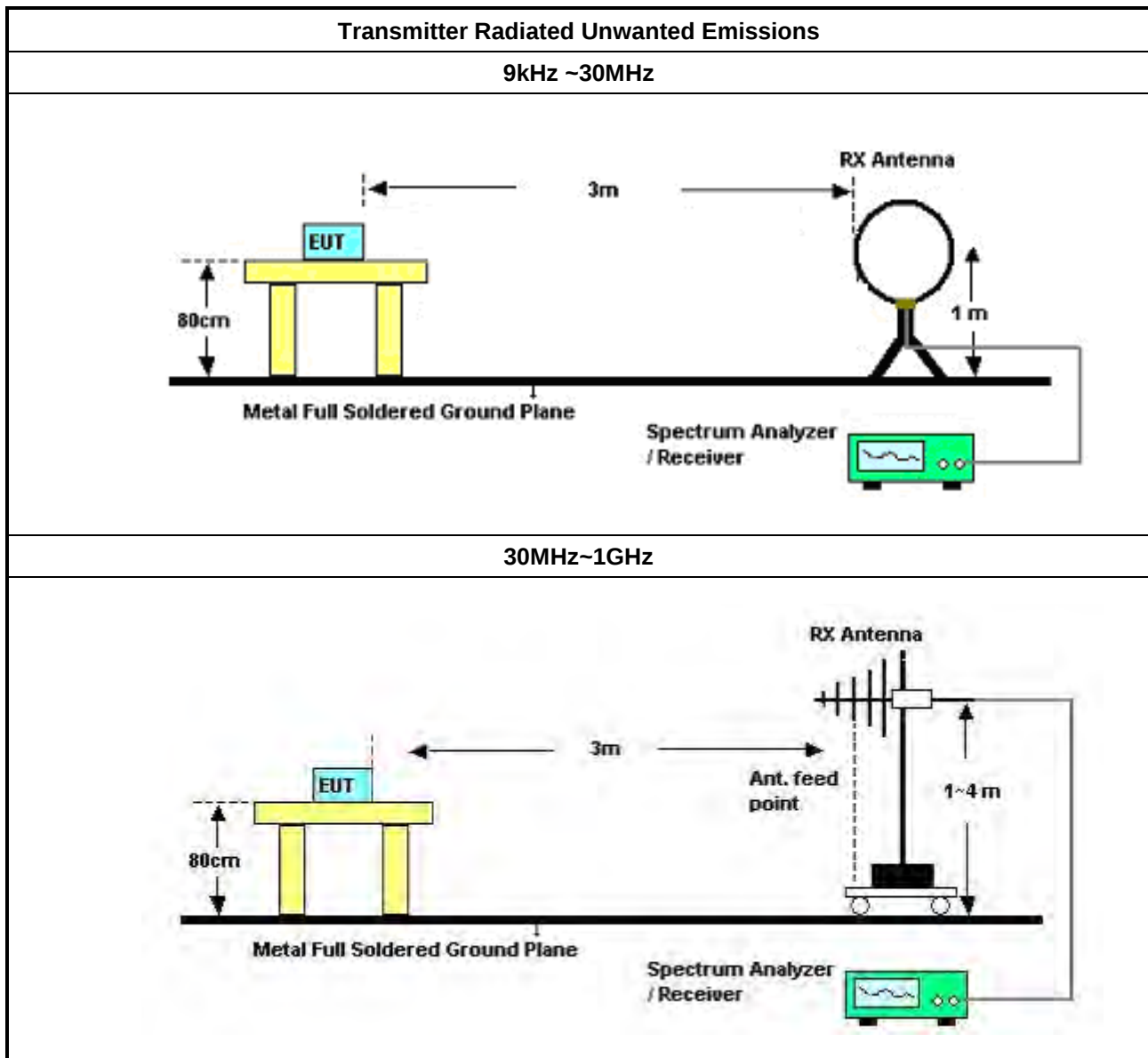
Refer a test equipment and calibration data table in this test report.

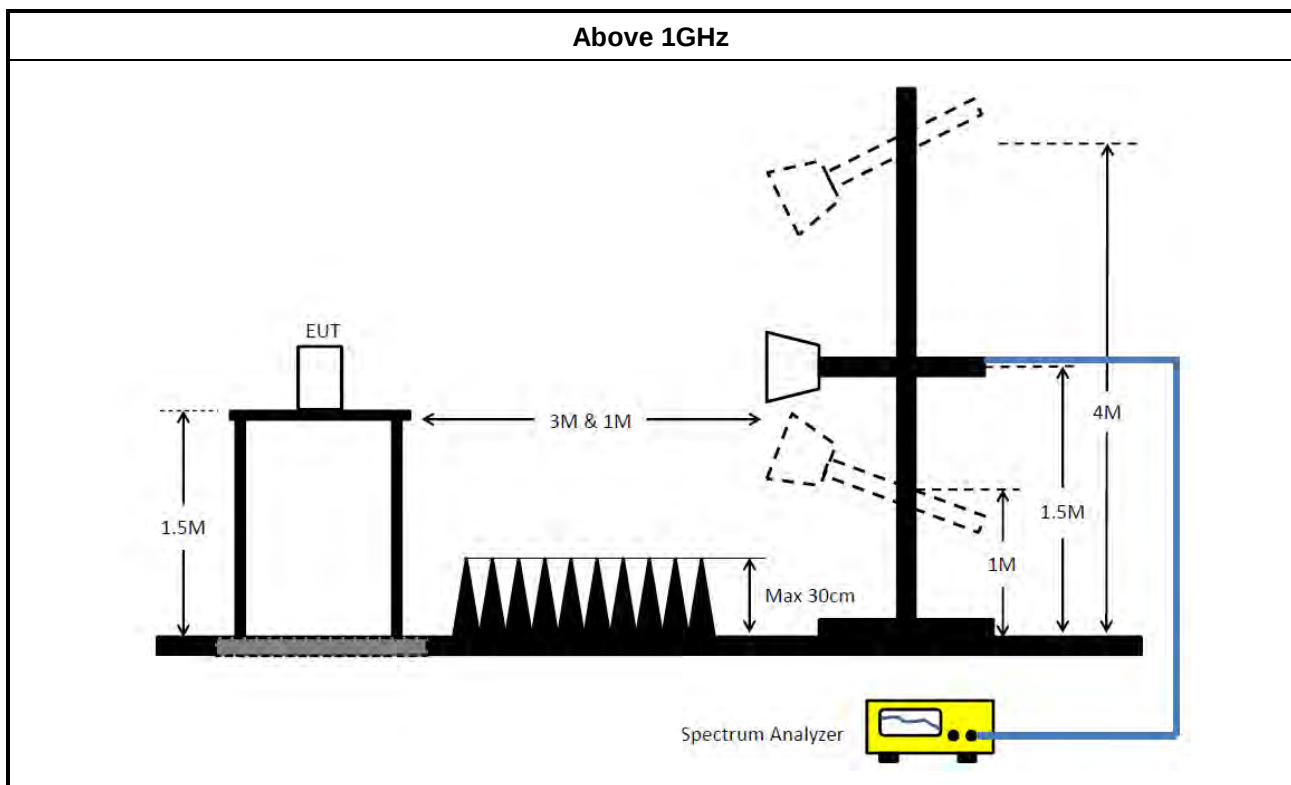


3.5.3 Test Procedures

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)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 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 (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 08, 2024	Oct. 07, 2025	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 2025	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+68	30MHz~1GHz	Oct. 24, 2024	Oct. 23, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-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 (03CH06-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 18, 2024	Oct. 17, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 –26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

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



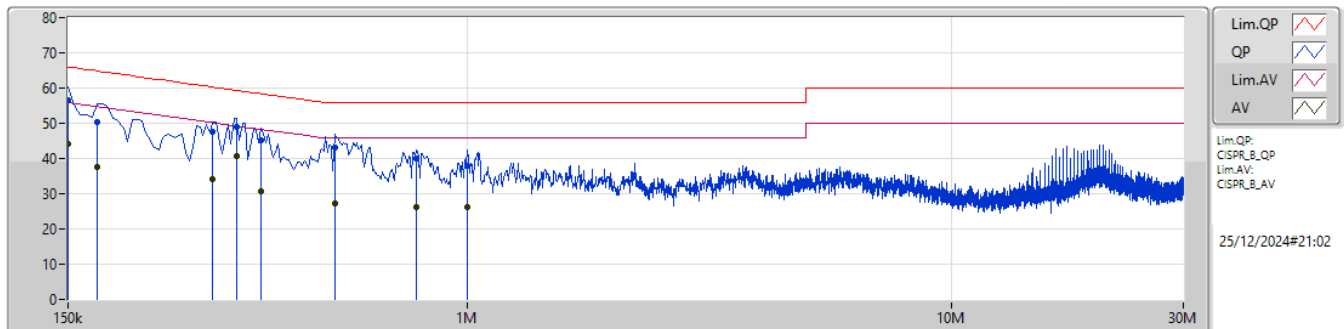
Conducted Emissions at Powerline

Appendix A

Summary

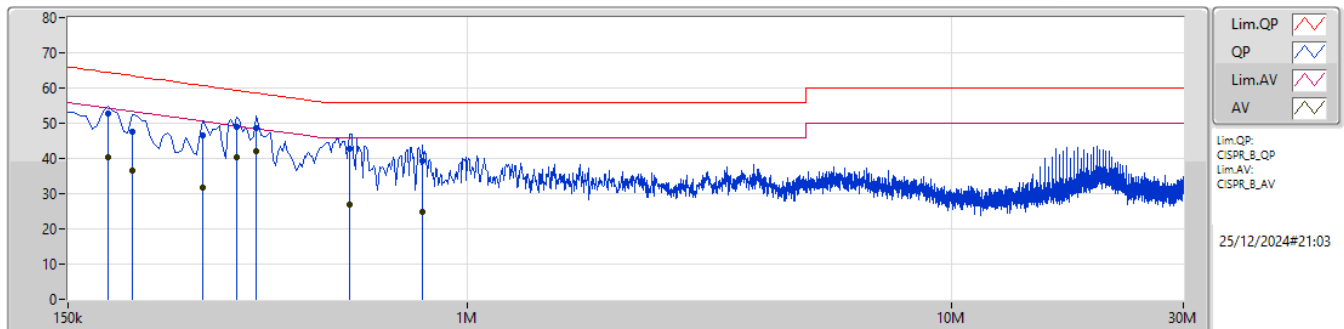
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 6	Pass	AV	366k	42.00	48.60	-6.60	Neutral

Mode 6



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	56.68	66.00	-9.32	10.03	Line	-	46.65	0.04	0.08	9.91						
AV	150k	44.07	56.00	-11.93	10.03	Line	-	34.04	0.04	0.08	9.91						
QP	172.5k	50.34	64.83	-14.49	10.04	Line	-	40.30	0.04	0.07	9.93						
AV	172.5k	37.48	54.83	-17.35	10.04	Line	-	27.44	0.04	0.07	9.93						
QP	298.5k	47.54	60.28	-12.74	10.15	Line	-	37.39	0.05	0.09	10.01						
AV	298.5k	34.05	50.28	-16.23	10.15	Line	-	23.90	0.05	0.09	10.01						
QP	334.5k	48.85	59.35	-10.50	10.17	Line	-	38.68	0.05	0.09	10.03						
AV	334.5k	40.52	49.35	-8.83	10.17	Line	"Worst"	30.35	0.05	0.09	10.03						
QP	375k	45.34	58.39	-13.05	10.20	Line	-	35.14	0.05	0.10	10.05						
AV	375k	30.66	48.39	-17.73	10.20	Line	-	20.46	0.05	0.10	10.05						
QP	532.5k	42.95	56.00	-13.05	10.25	Line	-	32.70	0.06	0.10	10.09						
AV	532.5k	27.39	46.00	-18.61	10.25	Line	-	17.14	0.06	0.10	10.09						
QP	784.5k	40.13	56.00	-15.87	10.28	Line	-	29.85	0.06	0.09	10.13						
AV	784.5k	26.25	46.00	-19.75	10.28	Line	-	15.97	0.06	0.09	10.13						
QP	1.001M	37.77	56.00	-18.23	10.32	Line	-	27.45	0.07	0.09	10.16						
AV	1.001M	26.32	46.00	-19.68	10.32	Line	-	16.00	0.07	0.09	10.16						

Mode 6



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	181.5k	52.89	64.41	-11.52	10.07	Neutral	-	42.82	0.06	0.07	9.94						
AV	181.5k	40.39	54.41	-14.02	10.07	Neutral	-	30.32	0.06	0.07	9.94						
QP	204k	47.59	63.44	-15.85	10.08	Neutral	-	37.51	0.06	0.07	9.95						
AV	204k	36.65	53.44	-16.79	10.08	Neutral	-	26.57	0.06	0.07	9.95						
QP	285k	46.57	60.67	-14.10	10.16	Neutral	-	36.41	0.06	0.09	10.01						
AV	285k	31.60	50.67	-19.07	10.16	Neutral	-	21.44	0.06	0.09	10.01						
QP	334.5k	48.83	59.35	-10.52	10.18	Neutral	-	38.65	0.06	0.09	10.03						
AV	334.5k	40.46	49.35	-8.89	10.18	Neutral	-	30.28	0.06	0.09	10.03						
QP	366k	48.76	58.60	-9.84	10.21	Neutral	-	38.55	0.06	0.10	10.05						
AV	366k	42.00	48.60	-6.60	10.21	Neutral	"Worst"	31.79	0.06	0.10	10.05						
QP	573k	42.91	56.00	-13.09	10.27	Neutral	-	32.64	0.07	0.10	10.10						
AV	573k	26.77	46.00	-19.23	10.27	Neutral	-	16.50	0.07	0.10	10.10						
QP	807k	39.44	56.00	-16.56	10.31	Neutral	-	29.13	0.08	0.09	10.14						
AV	807k	24.96	46.00	-21.04	10.31	Neutral	-	14.65	0.08	0.09	10.14						

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)_4TX	16.555M	16.778M	16M8D1D	16.28M	16.69M
802.11be EHT20_Nss1,(MCS0)_4TX	19.195M	19.115M	19M1D1D	18.7M	18.991M
802.11be EHT40_Nss1,(MCS0)_4TX	38.06M	38.781M	38M8D1D	37.84M	38.031M
802.11be EHT80_Nss1,(MCS14)_4TX	78.32M	78.661M	78M7D1D	76.78M	78.161M
802.11be EHT160_Nss1,(MCS14)_4TX	158.4M	157.121M	157MD1D	157.08M	156.722M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5845MHz	Pass	500k	16.335M	16.734M	16.335M	16.69M	16.28M	16.734M	16.335M	16.69M
5865MHz	Pass	500k	16.335M	16.69M	16.335M	16.756M	16.555M	16.69M	16.445M	16.734M
5885MHz	Pass	500k	16.28M	16.778M	16.335M	16.712M	16.5M	16.712M	16.5M	16.712M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5845MHz	Pass	500k	19.195M	19.04M	19.14M	19.015M	18.81M	19.04M	19.14M	19.015M
5865MHz	Pass	500k	19.14M	19.04M	18.7M	19.065M	19.085M	19.115M	19.14M	19.015M
5885MHz	Pass	500k	19.14M	18.991M	18.92M	19.065M	19.085M	19.015M	18.865M	19.015M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5835MHz	Pass	500k	38.06M	38.231M	37.95M	38.081M	38.06M	38.031M	38.06M	38.181M
5875MHz	Pass	500k	38.06M	38.431M	37.84M	38.231M	38.06M	38.281M	38.06M	38.781M
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-	-
5855MHz	Pass	500k	78.1M	78.561M	77.88M	78.261M	78.32M	78.161M	76.78M	78.661M
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-	-
5815MHz	Pass	500k	157.08M	157.121M	158.4M	156.922M	157.96M	156.922M	157.52M	156.722M

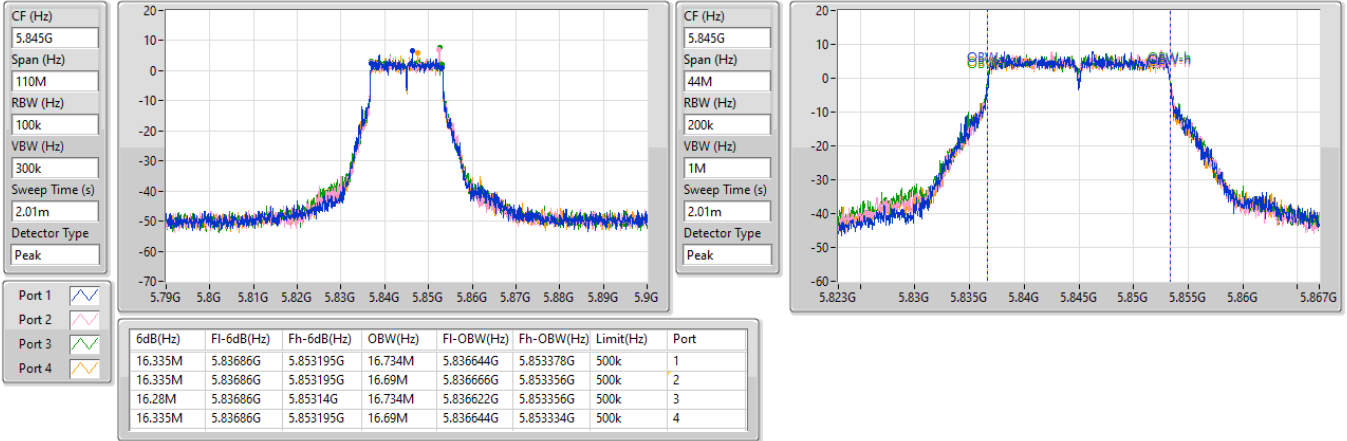
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5845MHz

30/12/2024

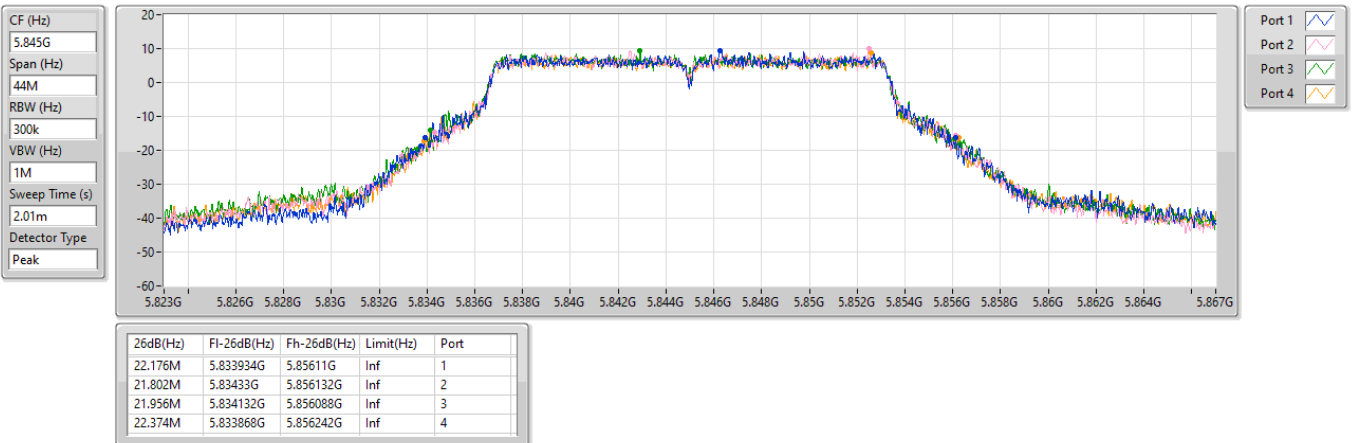


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

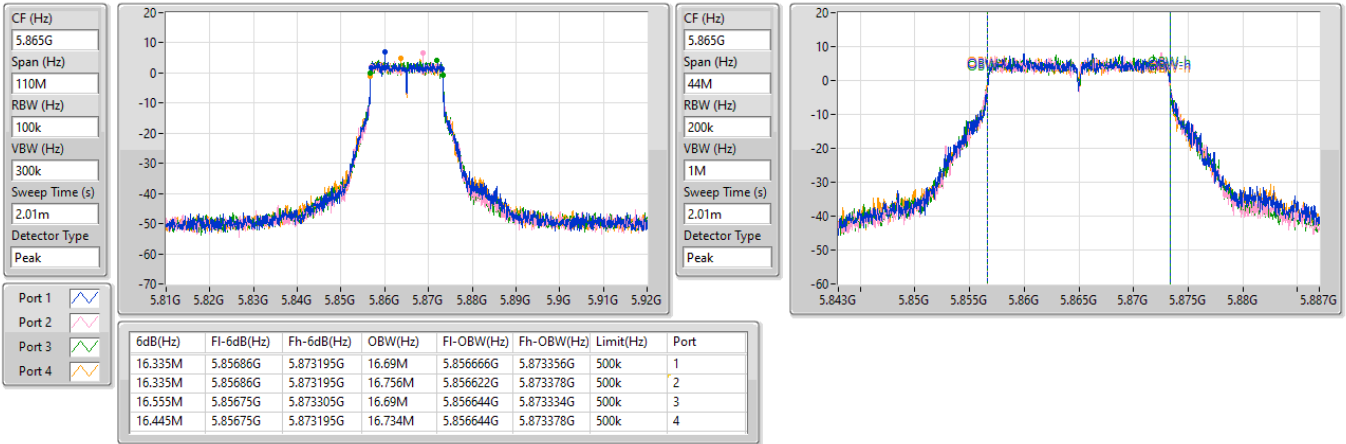
5845MHz

30/12/2024

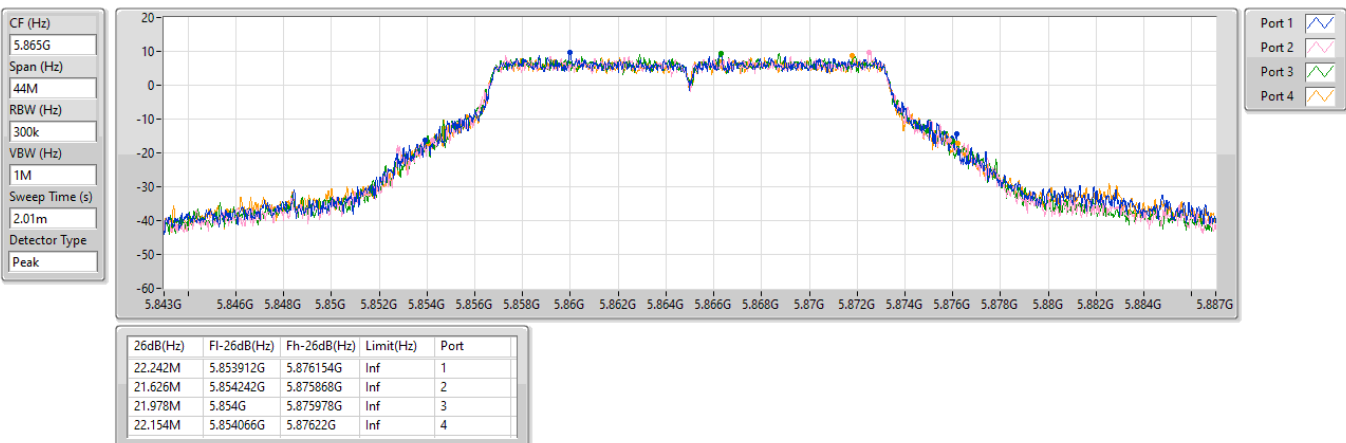


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5865MHz

30/12/2024


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5865MHz

30/12/2024

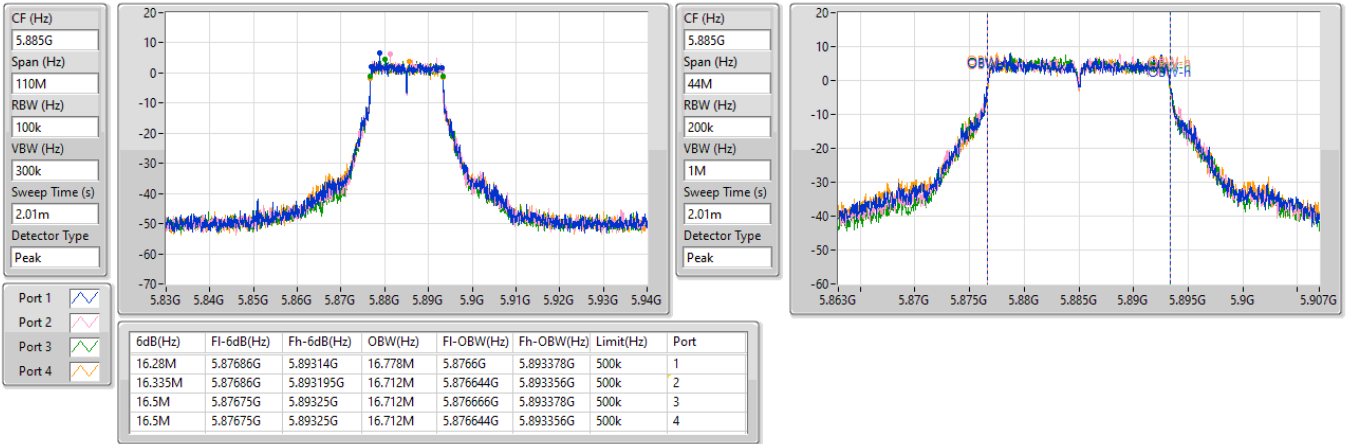


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5885MHz

30/12/2024

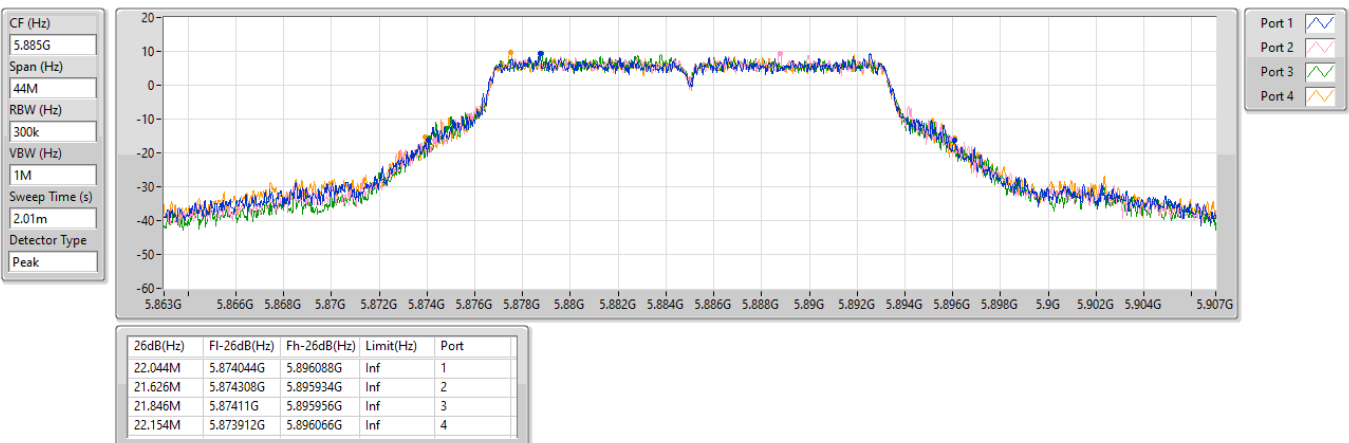


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5885MHz

30/12/2024

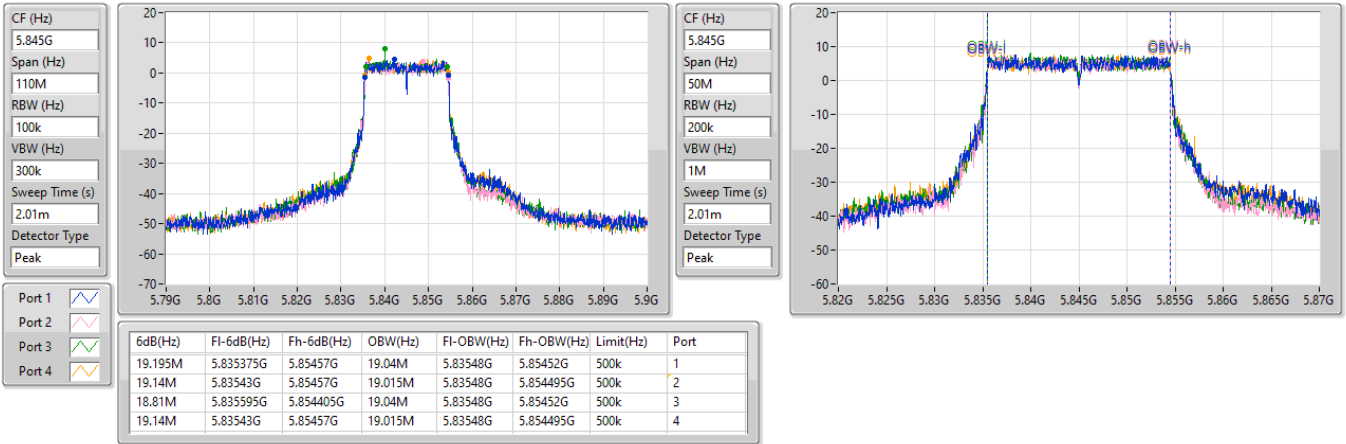


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5845MHz

30/12/2024

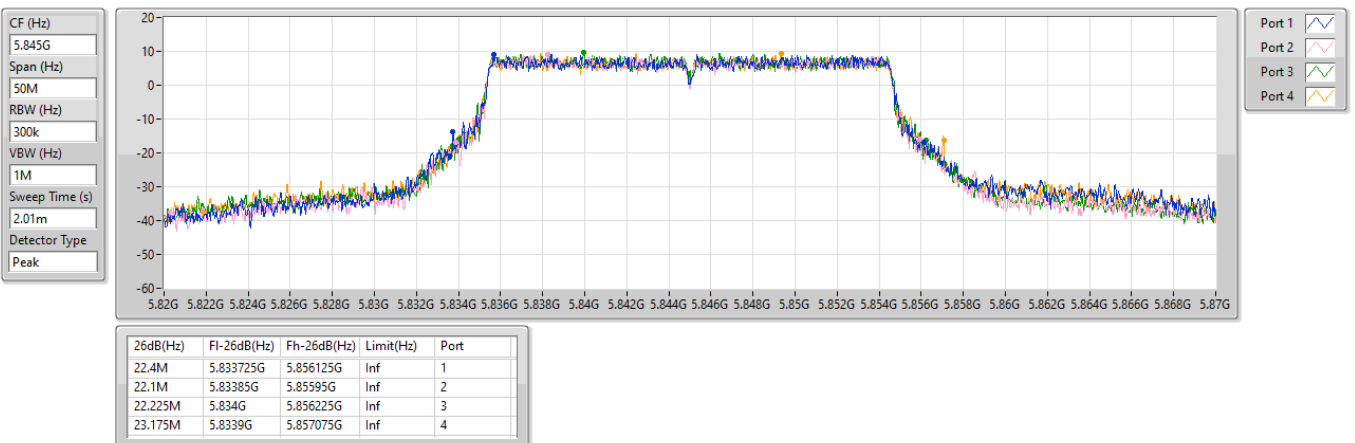


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

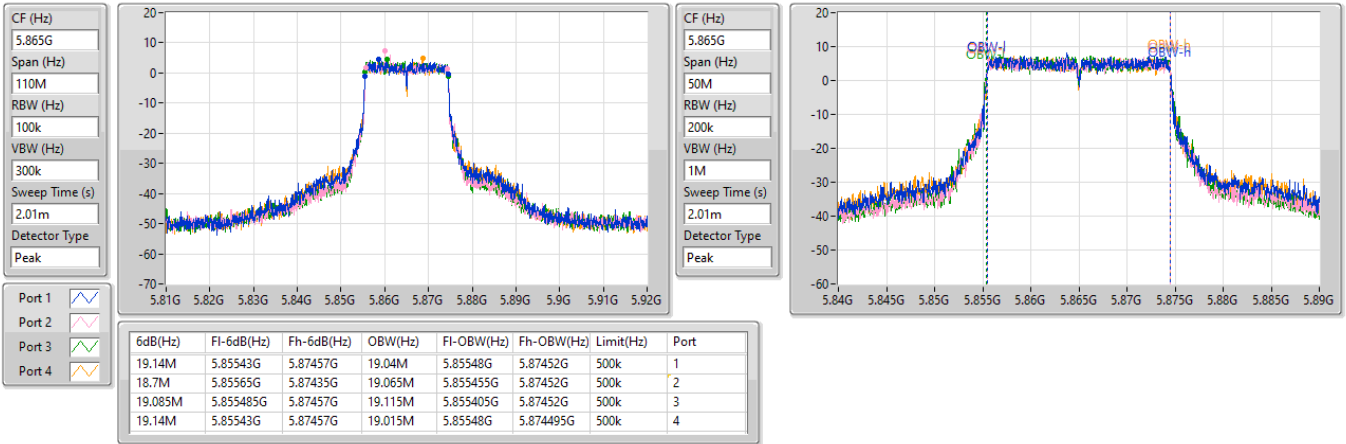
5845MHz

30/12/2024

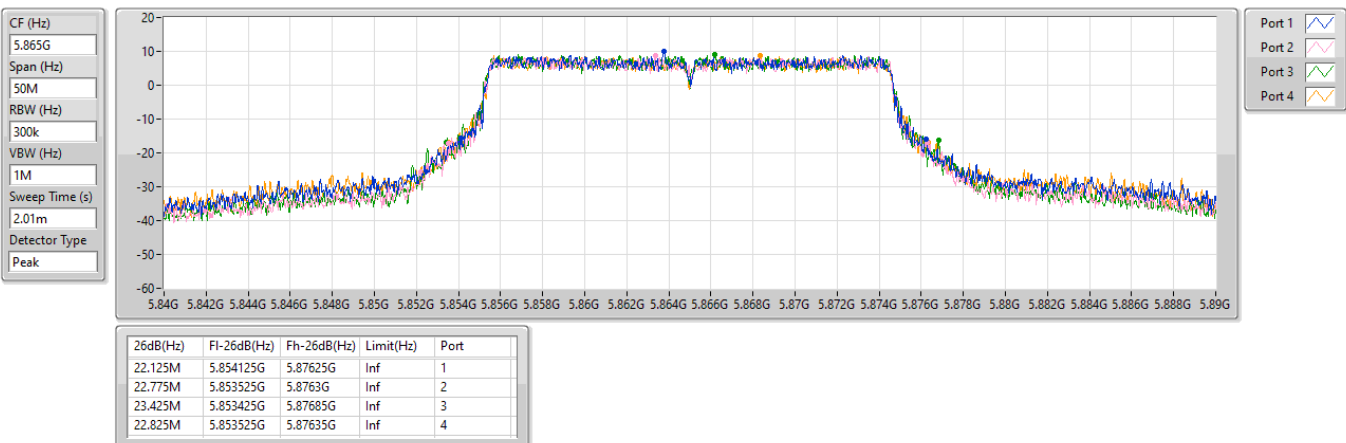


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5865MHz

30/12/2024


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5865MHz

30/12/2024

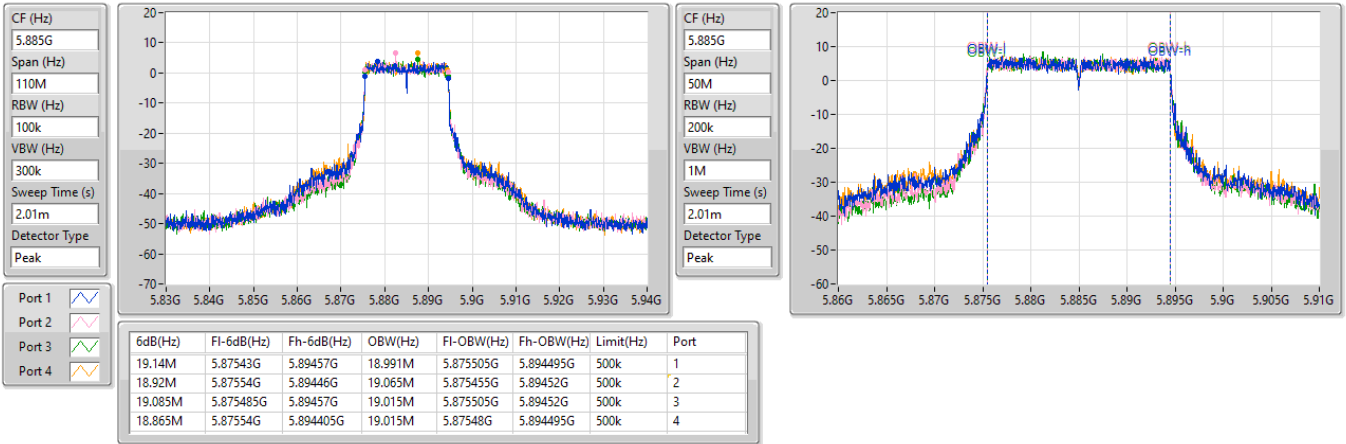


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5885MHz

30/12/2024

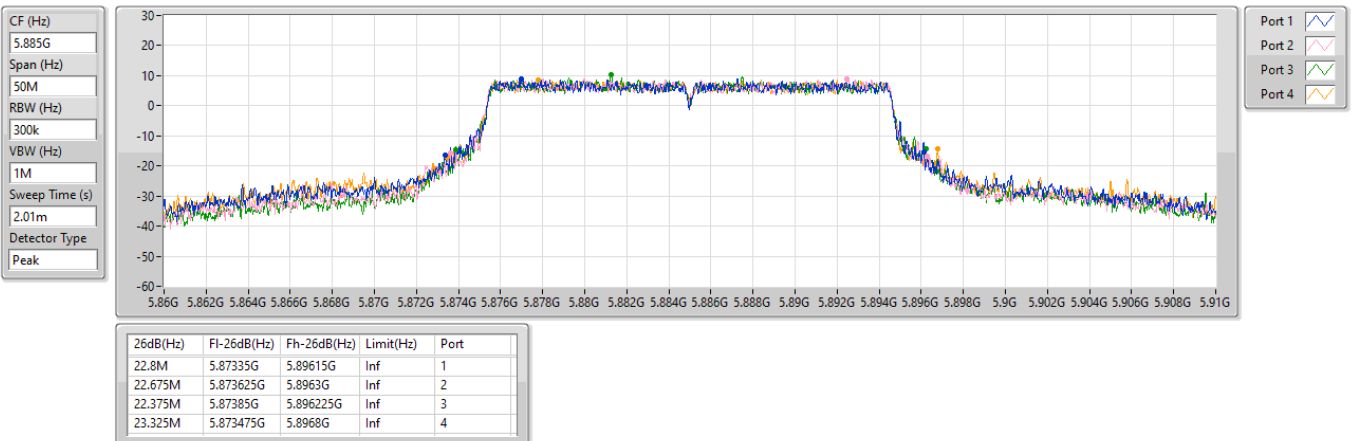


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5885MHz

30/12/2024

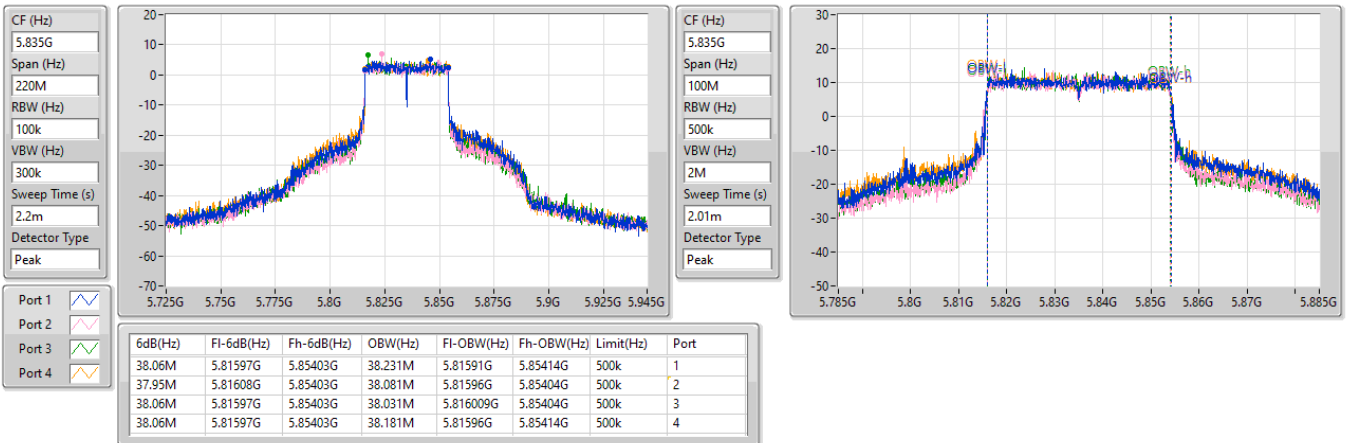


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5835MHz

30/12/2024

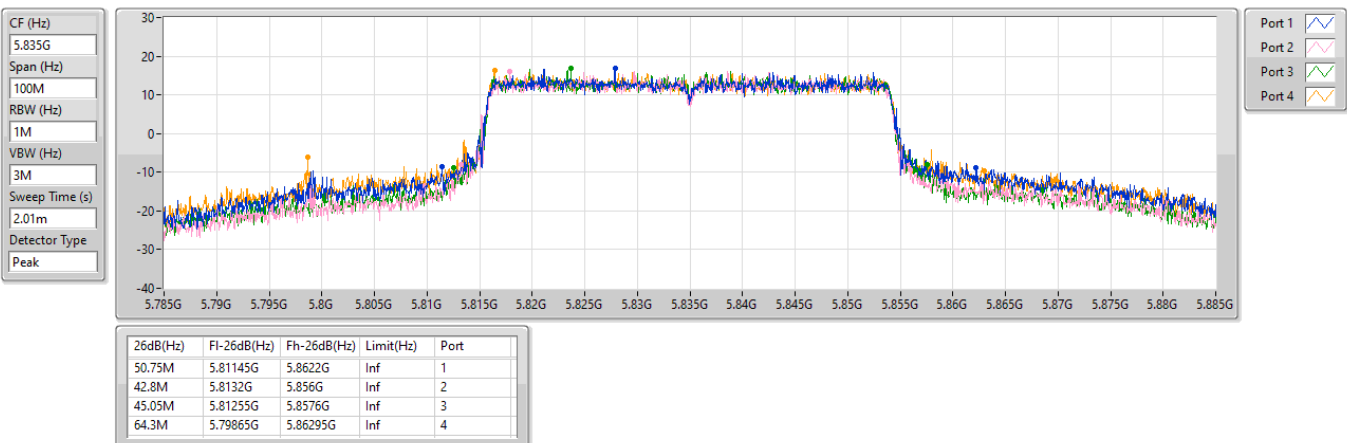


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5835MHz

30/12/2024

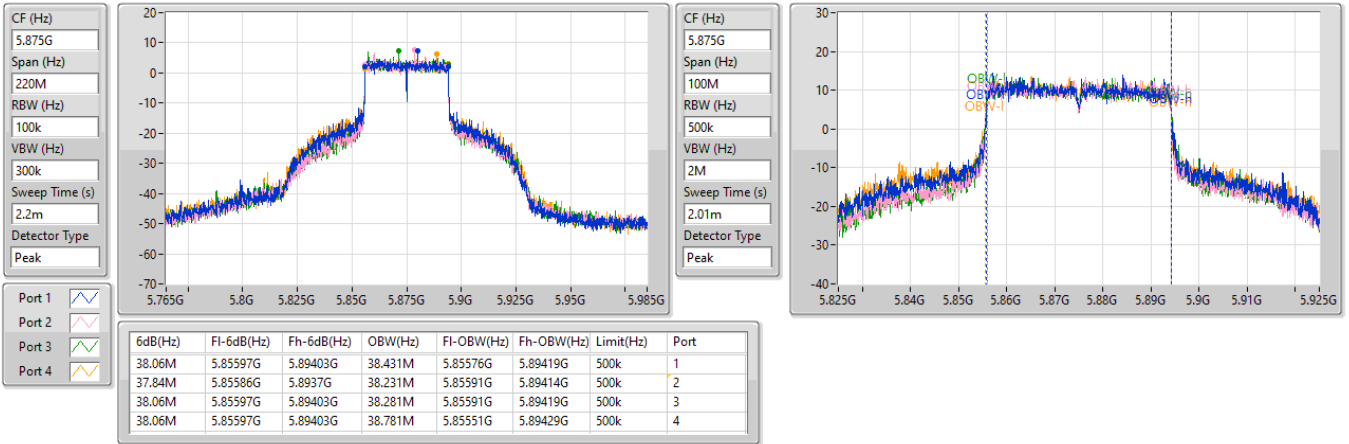


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5875MHz

30/12/2024

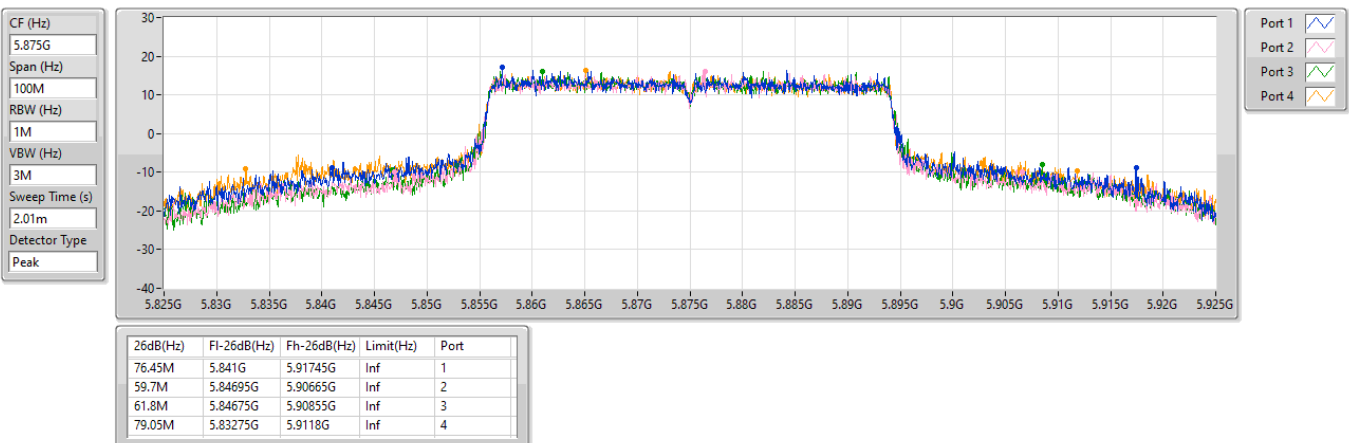


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5875MHz

30/12/2024

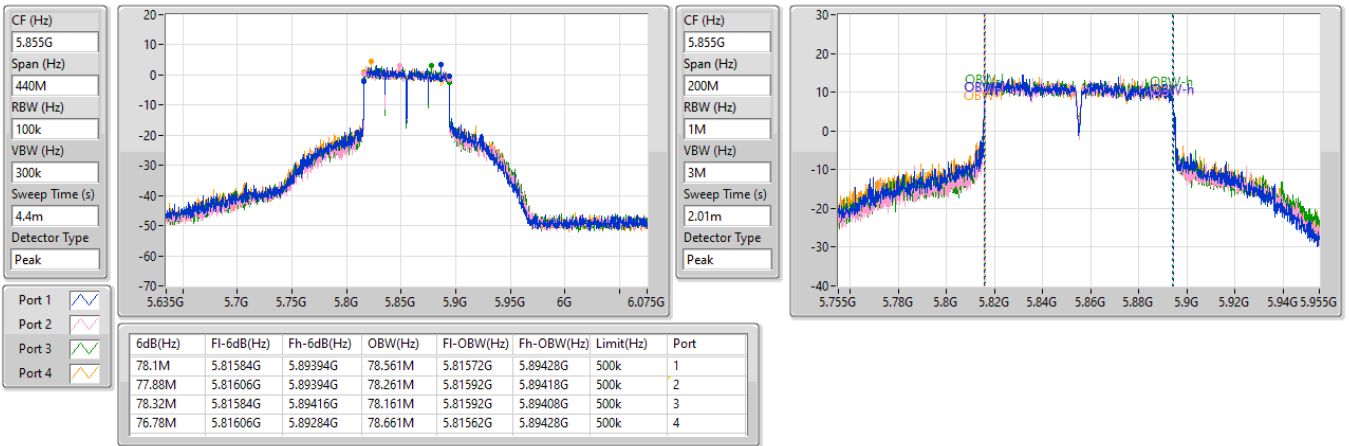


5.725-5.895GHz_802.11be EHT80_Nss1,(MCS14)_4TX

EBW

5855MHz

30/12/2024

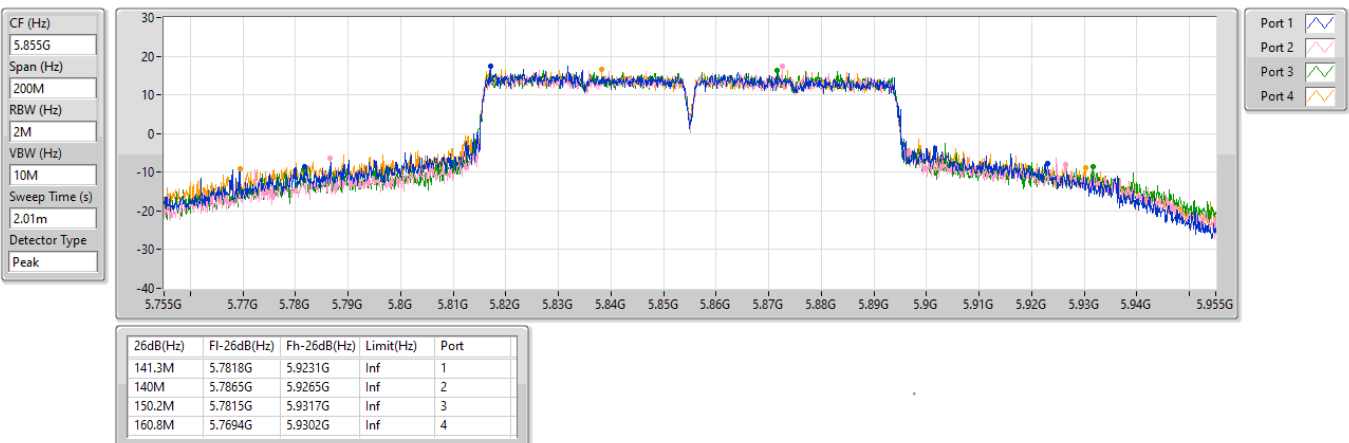


5.725-5.895GHz_802.11be EHT80_Nss1,(MCS14)_4TX

EBW

5855MHz

30/12/2024

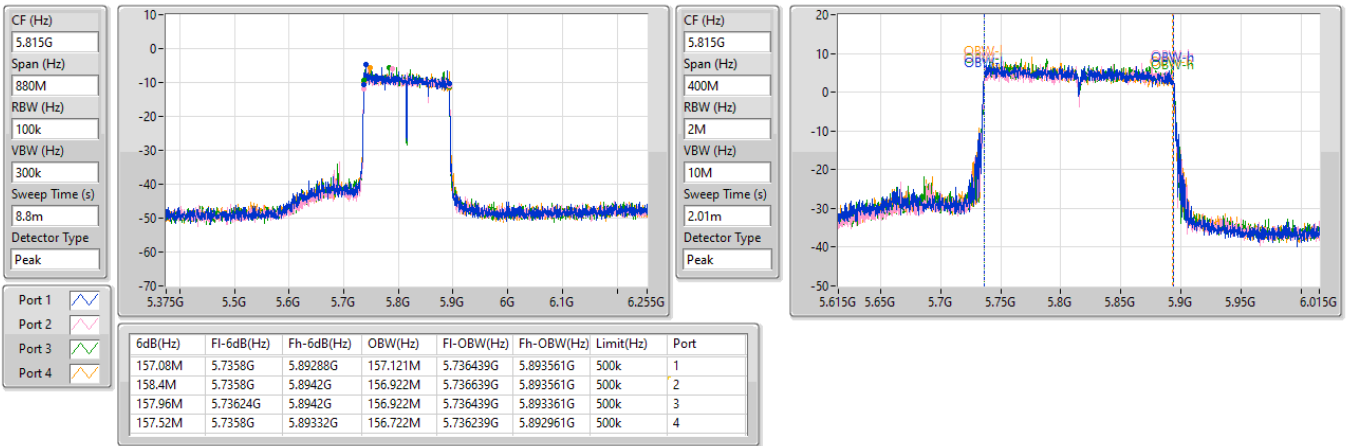


5.725-5.895GHz_802.11be EHT160_Nss1,(MCS14)_4TX

EBW

5815MHz

30/12/2024

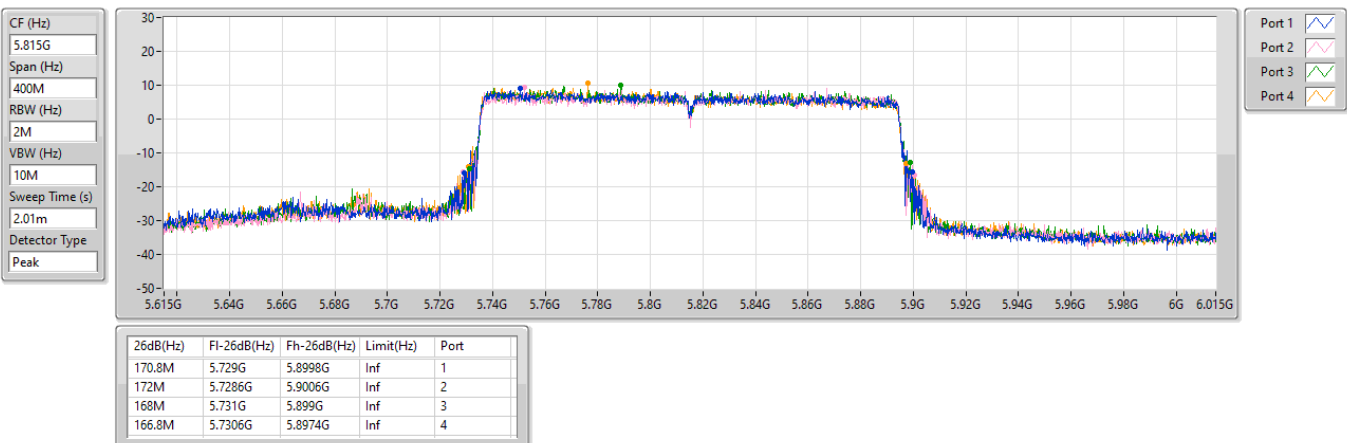


5.725-5.895GHz_802.11be EHT160_Nss1,(MCS14)_4TX

EBW

5815MHz

30/12/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	24.17	0.26122	31.38	1.37404
802.11be EHT20_Nss1,(MCS0)_4TX	24.70	0.29512	31.91	1.55239
802.11be EHT20-BF_Nss1,(MCS0)_4TX	24.70	0.29512	33.07	2.02768
802.11be EHT40_Nss1,(MCS0)_4TX	27.60	0.57544	34.81	3.02691
802.11be EHT40-BF_Nss1,(MCS0)_4TX	27.60	0.57544	35.97	3.95367
802.11be EHT80_Nss1,(MCS14)_4TX	27.84	0.60814	35.05	3.19890
802.11be EHT80-BF_Nss1,(MCS14)_4TX	27.34	0.54200	35.71	3.72392
802.11be EHT160_Nss1,(MCS14)_4TX	21.34	0.13614	28.55	0.71614
802.11be EHT160-BF_Nss1,(MCS14)_4TX	21.34	0.13614	29.71	0.93541

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	7.21	18.23	18.01	18.33	18.02	24.17	31.38	36.00
5865MHz	Pass	7.21	18.11	18.03	18.24	17.97	24.11	31.32	36.00
5885MHz	Pass	7.21	18.01	18.07	18.02	17.94	24.03	31.24	36.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	7.21	18.61	18.57	18.88	18.64	24.70	31.91	36.00
5865MHz	Pass	7.21	18.58	18.43	18.54	18.49	24.53	31.74	36.00
5885MHz	Pass	7.21	18.55	18.45	18.49	18.36	24.48	31.69	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	7.21	21.76	21.24	21.58	21.73	27.60	34.81	36.00
5875MHz	Pass	7.21	21.65	21.34	21.53	21.61	27.55	34.76	36.00
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-
5855MHz	Pass	7.21	21.94	21.66	21.82	21.87	27.84	35.05	36.00
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-
5815MHz	Pass	7.21	15.46	15.13	15.39	15.31	21.34	28.55	36.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	8.37	18.61	18.57	18.88	18.64	24.70	33.07	36.00
5865MHz	Pass	8.37	18.58	18.43	18.54	18.49	24.53	32.90	36.00
5885MHz	Pass	8.37	18.55	18.45	18.49	18.36	24.48	32.85	36.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	8.37	21.76	21.24	21.58	21.73	27.60	35.97	36.00
5875MHz	Pass	8.37	21.65	21.34	21.53	21.61	27.55	35.92	36.00
802.11be EHT80-BF_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-
5855MHz	Pass	8.37	21.43	21.12	21.35	21.39	27.34	35.71	36.00
802.11be EHT160-BF_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-
5815MHz	Pass	8.37	15.46	15.13	15.39	15.31	21.34	29.71	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)_4TX	11.28	19.65
802.11be EHT20_Nss1,(MCS0)_4TX	11.23	19.60
802.11be EHT40_Nss1,(MCS0)_4TX	11.44	19.81
802.11be EHT80_Nss1,(MCS14)_4TX	8.43	16.80
802.11be EHT160_Nss1,(MCS14)_4TX	-1.77	6.60

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5845MHz	Pass	8.37	5.49	5.20	5.32	5.14	11.25	Inf	19.62	20.00
5865MHz	Pass	8.37	5.40	5.14	5.60	5.22	11.28	Inf	19.65	20.00
5885MHz	Pass	8.37	5.28	5.25	5.39	5.09	11.24	Inf	19.61	20.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5845MHz	Pass	8.37	5.30	5.25	5.26	5.01	11.16	Inf	19.53	20.00
5865MHz	Pass	8.37	5.26	5.15	5.36	5.09	11.23	Inf	19.60	20.00
5885MHz	Pass	8.37	5.23	5.25	5.24	5.04	11.18	Inf	19.55	20.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5835MHz	Pass	8.37	5.52	5.28	5.65	5.50	11.44	Inf	19.81	20.00
5875MHz	Pass	8.37	5.59	5.09	5.40	5.77	11.42	Inf	19.79	20.00
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-	-
5855MHz	Pass	8.37	2.58	2.33	2.63	2.56	8.43	Inf	16.80	20.00
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-	-
5815MHz	Pass	8.37	-7.62	-7.68	-7.71	-7.80	-1.77	Inf	6.60	20.00

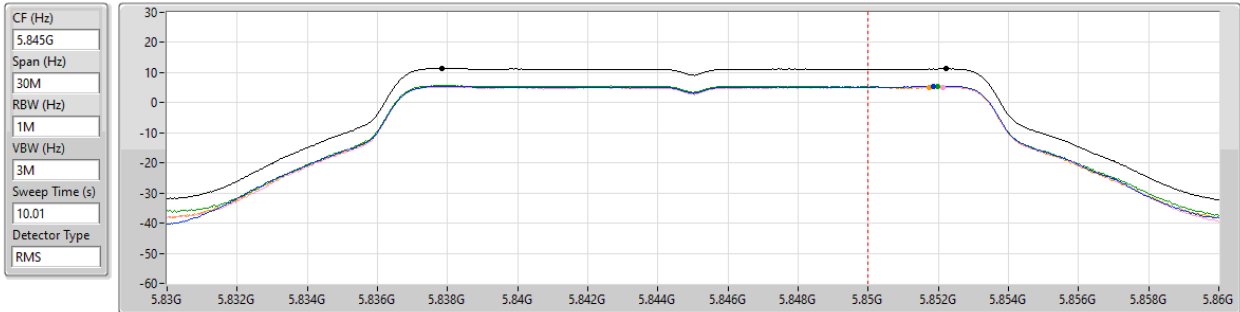
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5845MHz

30/12/2024



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.35	8.34	500k	-3.01

5850-5895MHz

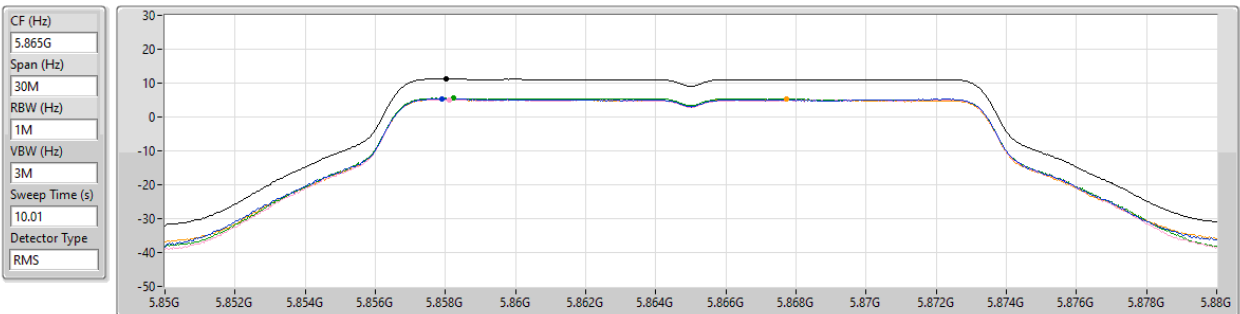
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.25	11.25	5.49	5.20	5.32	5.14

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5865MHz

30/12/2024



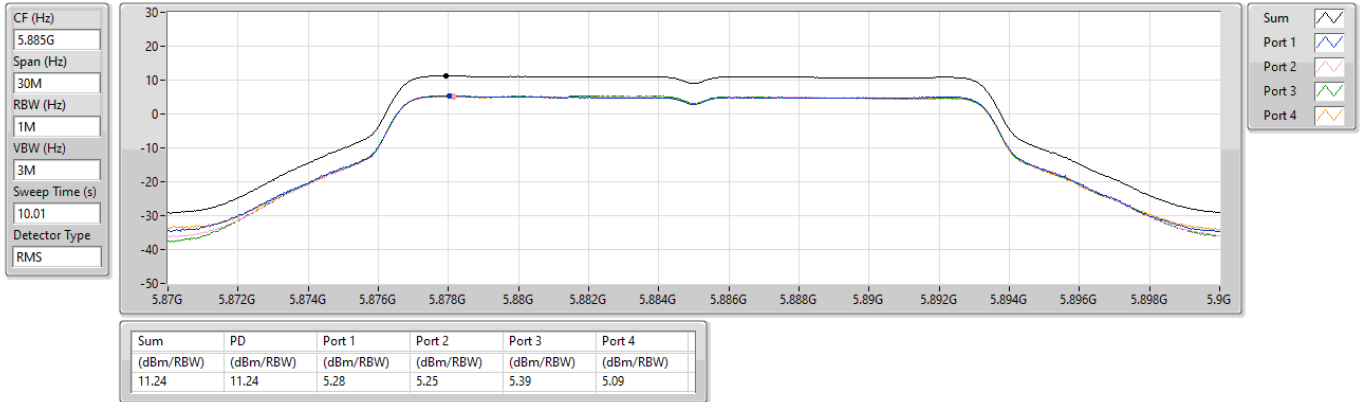
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.28	11.28	5.40	5.14	5.60	5.22

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5885MHz

30/12/2024

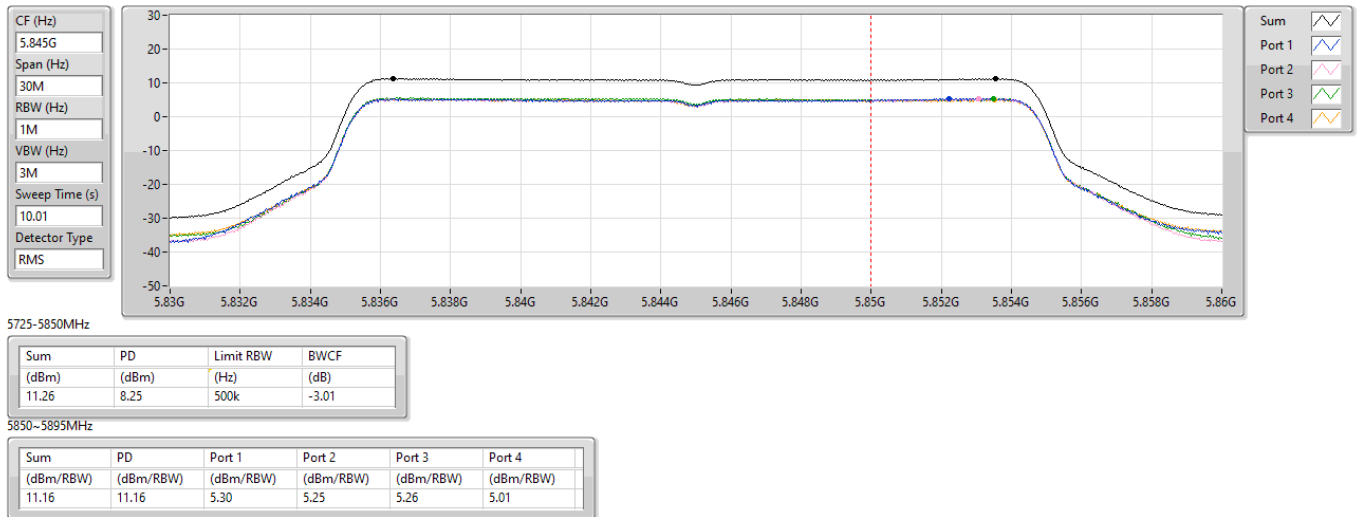


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5845MHz

30/12/2024

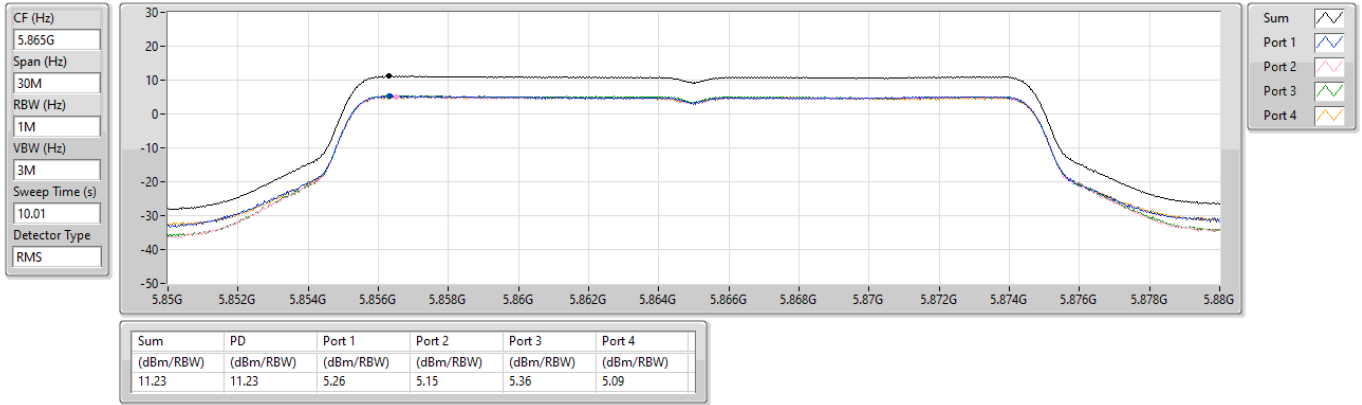


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5865MHz

30/12/2024

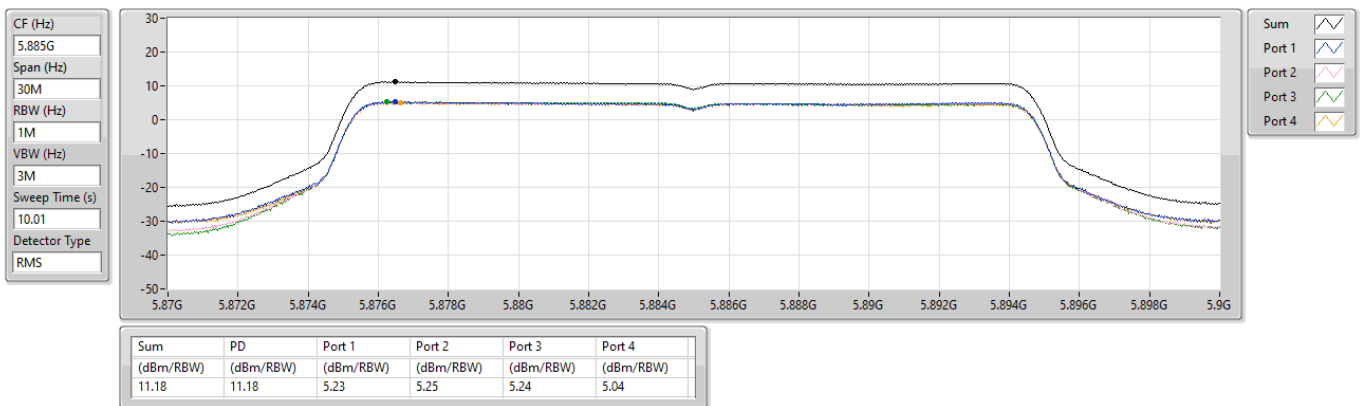


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5885MHz

30/12/2024

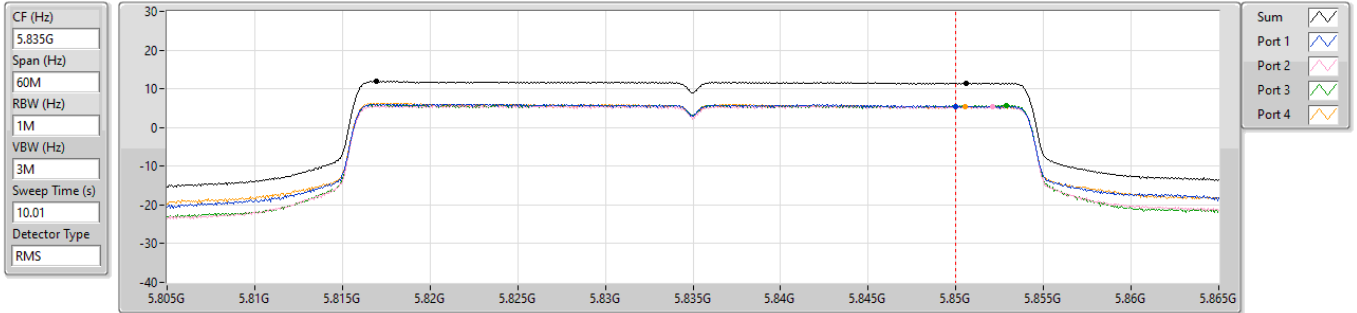


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5835MHz

30/12/2024



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.94	8.93	500k	-3.01

5850-5895MHz

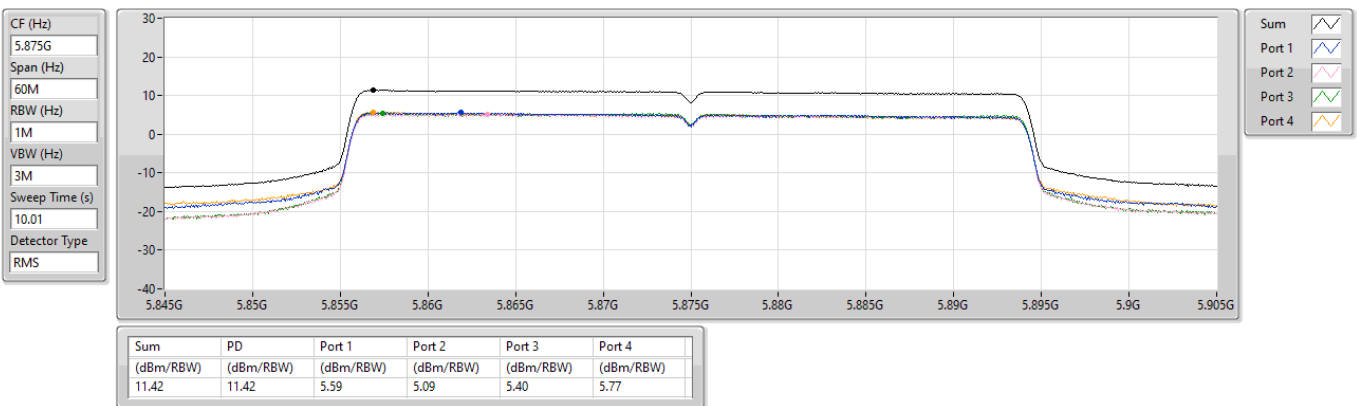
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	5.52	5.28	5.65	5.50

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5875MHz

30/12/2024

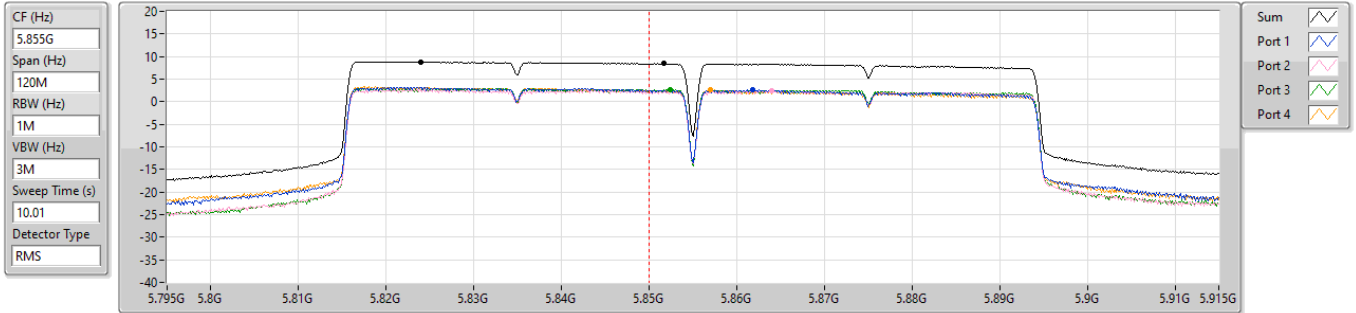


5.725-5.895GHz_802.11be EHT80_Nss1,(MCS14)_4TX

PSD

5855MHz

30/12/2024



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
8.83	5.82	500k	-3.01

5850-5895MHz

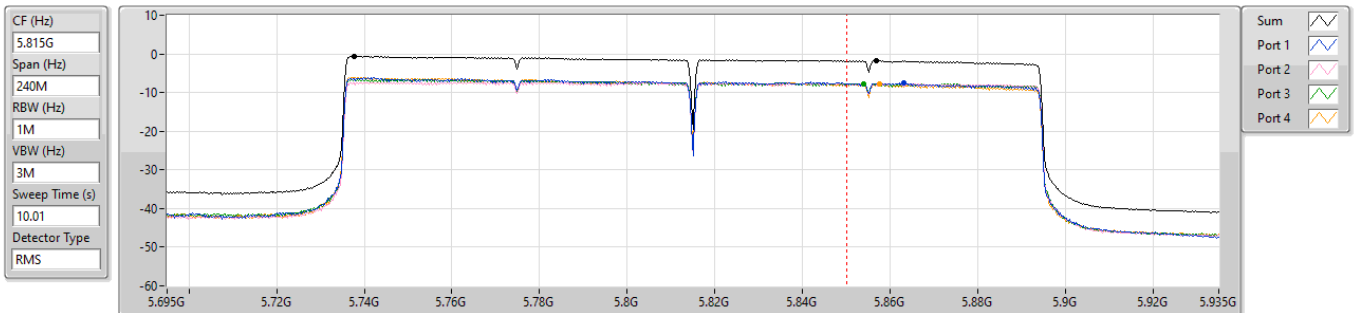
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.43	8.43	2.58	2.33	2.63	2.56

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS14)_4TX

PSD

5815MHz

31/12/2024



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
-0.63	-3.64	500k	-3.01

5850-5895MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.77	-1.77	-7.62	-7.68	-7.71	-7.80



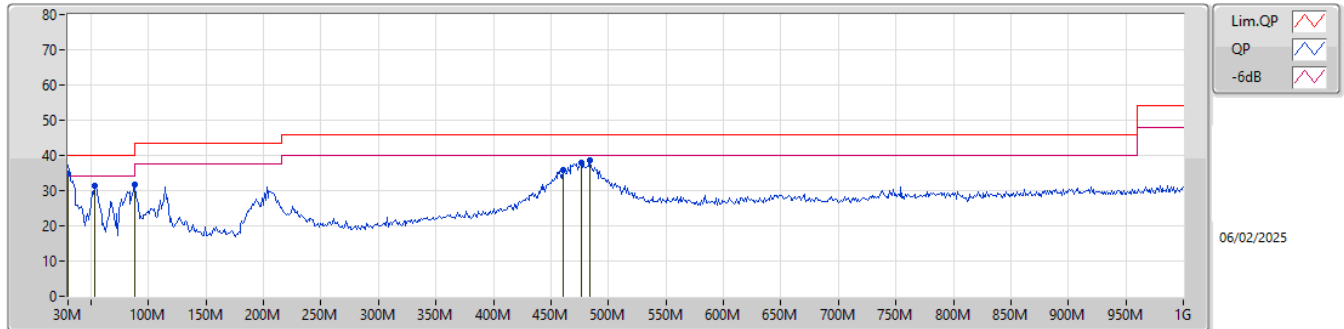
Radiated Emissions below 1GHz

Appendix E.1

Summary

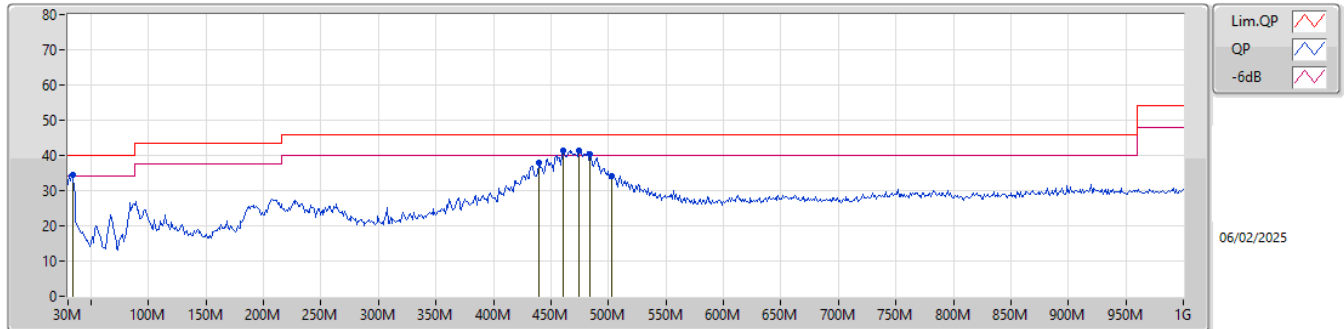
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	474.26M	41.54	46.00	-4.46	Horizontal

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	30M	34.70	40.00	-5.30	-7.45	3	Vertical	220	1.00	"Worst"	42.15	24.33	0.54	32.32		
PK	53.28M	31.27	40.00	-8.73	-18.66	3	Vertical	233	1.50	-	49.93	12.94	0.68	32.28		
PK	88M	31.75	43.50	-11.75	-16.97	3	Vertical	233	1.50	-	48.72	14.35	0.97	32.29		
PK	460.68M	35.83	46.00	-10.17	-7.13	3	Vertical	0	1.25	-	42.96	22.72	2.11	31.96		
PK	476.2M	37.90	46.00	-8.10	-6.66	3	Vertical	0	1.25	-	44.56	23.08	2.15	31.89		
PK	483.96M	38.51	46.00	-7.49	-6.51	3	Vertical	360	1.25	-	45.02	23.17	2.18	31.86		

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)		
PK	33.88M	34.65	40.00	-5.35	-9.52	3	Horizontal	120	1.50	-	44.17	22.22	0.56	32.30		
PK	439.34M	38.05	46.00	-7.95	-7.50	3	Horizontal	12	2.00	-	45.55	22.44	2.06	32.00		
PK	460.68M	41.33	46.00	-4.67	-7.13	3	Horizontal	2	2.00	-	48.46	22.72	2.11	31.96		
PK	474.26M	41.54	46.00	-4.46	-6.69	3	Horizontal	360	3.00	"Worst"	48.23	23.06	2.15	31.90		
PK	483.96M	40.20	46.00	-5.80	-6.51	3	Horizontal	0	2.00	-	46.71	23.17	2.18	31.86		
PK	502.39M	34.23	46.00	-11.77	-6.28	3	Horizontal	0	2.00	-	40.51	23.30	2.22	31.80		

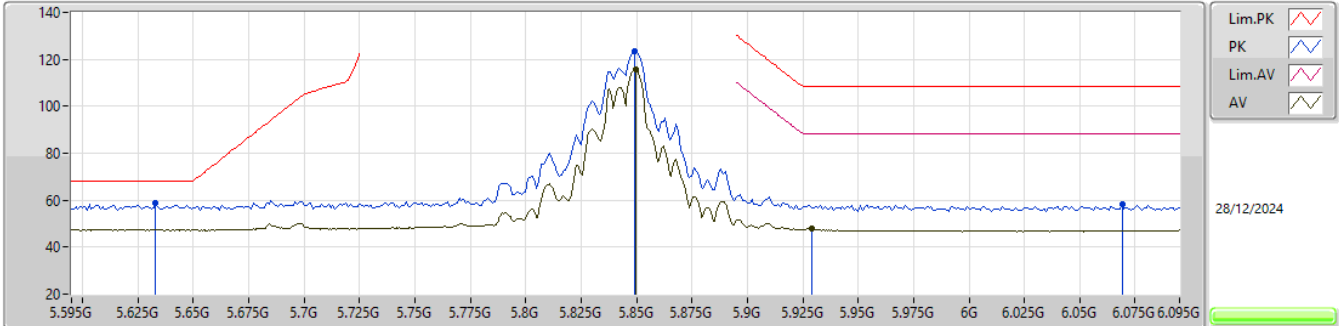


Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)	
5.725-5.895GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	AV	11.6752G	53.94	54.00	-0.06	3	Horizontal	3	1.78	-

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

5845MHz_TX

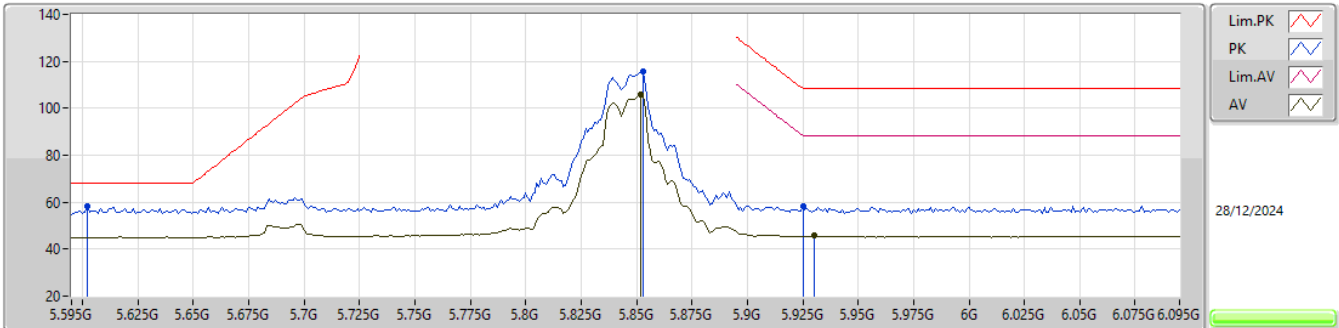


EUT_Z_4TX
Setting 24
06-E-J-8-10

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	5.633G	58.97	68.20	-9.23	54.48	3	Vertical	199	2.44	-	31.83	6.95	34.29				
PK	5.849G	123.53	Inf	-Inf	118.64	3	Vertical	199	2.44	-	32.20	7.21	34.52				
AV	5.8495G	115.53	Inf	-Inf	110.64	3	Vertical	199	2.44	-	32.20	7.21	34.52				
RMS	5.929G	47.77	88.20	-40.43	42.70	3	Vertical	199	2.44	-	32.40	7.27	34.60				
PK	6.069G	58.03	108.20	-50.17	52.78	3	Vertical	199	2.44	-	32.50	7.36	34.61				

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

5845MHz_TX

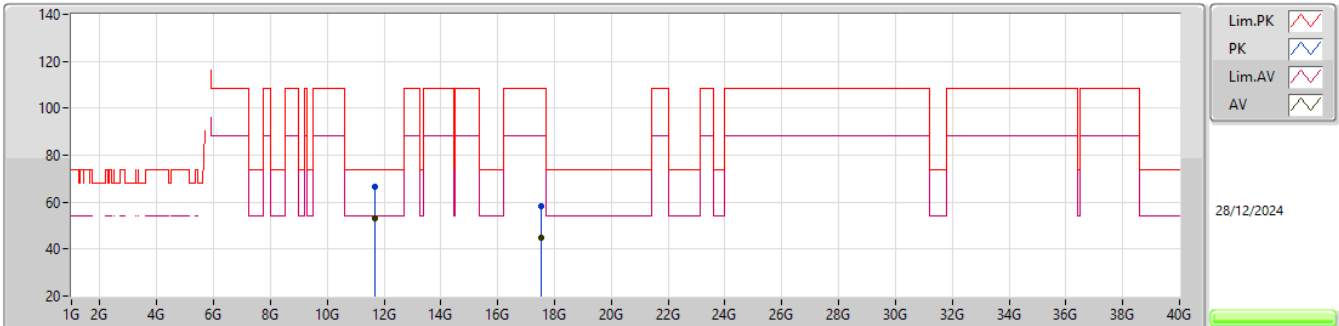


EUT_Z_4TX
Setting 24
06-E-J-8-10

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	5.602G	58.19	68.20	-10.01	53.83	3	Horizontal	5	2.21	-	31.71	6.91	34.26			
PK	5.853G	115.57	Inf	-Inf	110.66	3	Horizontal	5	2.21	-	32.21	7.22	34.52			
AV	5.852G	105.63	Inf	-Inf	100.72	3	Horizontal	5	2.21	-	32.21	7.22	34.52			
PK	5.925G	58.51	108.20	-49.69	53.44	3	Horizontal	5	2.21	-	32.40	7.27	34.60			
RMS	5.93G	45.66	88.20	-42.54	40.60	3	Horizontal	5	2.21	-	32.40	7.27	34.61			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

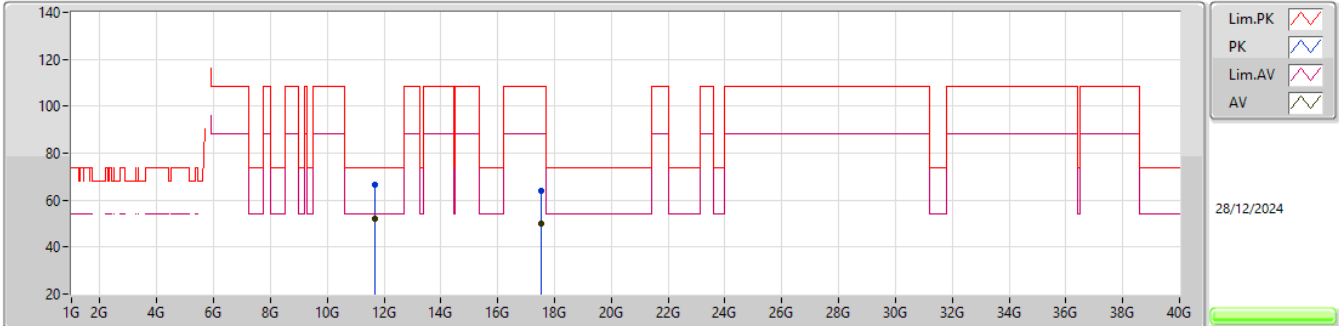
5845MHz_TX

EUT_Y_4TX
Setting 24
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6837G	66.61	74.00	-7.39	81.42	3	Vertical	7	1.89	-	39.27	11.87	65.95			
AV	11.6837G	52.95	54.00	-1.05	67.76	3	Vertical	7	1.89	-	39.27	11.87	65.95			
PK	17.5231G	58.16	108.20	-50.04	64.45	3	Vertical	150	2.90	-	42.98	13.94	63.21			
RMS	17.5102G	44.87	88.20	-43.33	51.36	3	Vertical	150	2.90	-	42.82	13.93	63.24			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

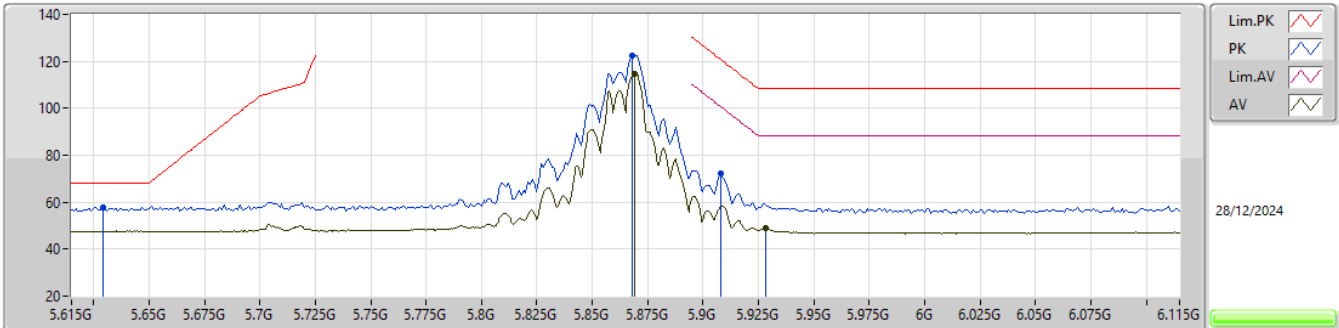
5845MHz_TX

EUT_Y_4TX
Setting 24
06-E-J-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	11.691G	66.42	74.00	-7.58	81.24	3	Horizontal	325	2.12	-	39.24	11.88	65.94			
AV	11.6901G	52.00	54.00	-2.00	66.82	3	Horizontal	325	2.12	-	39.24	11.88	65.94			
PK	17.5392G	64.05	108.20	-44.15	70.12	3	Horizontal	45	1.80	-	43.17	13.94	63.18			
RMS	17.5376G	49.90	88.20	-38.30	56.00	3	Horizontal	45	1.80	-	43.15	13.94	63.19			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

5865MHz_TX

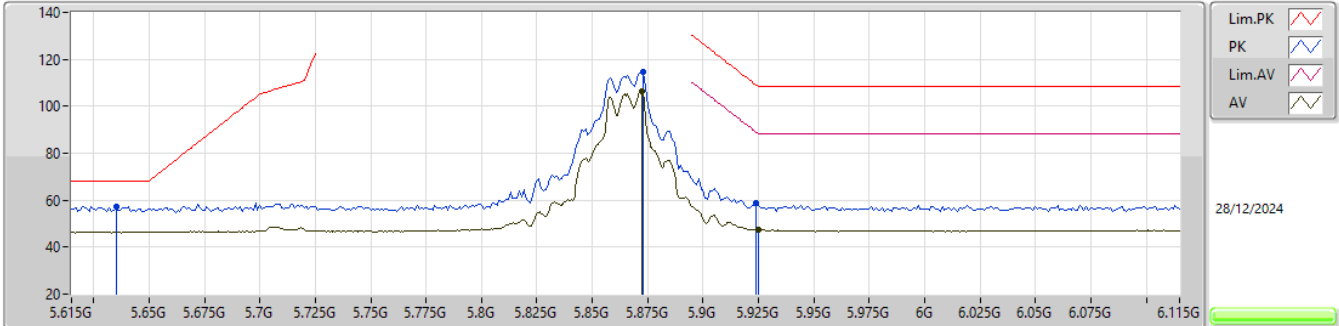


EUT_Z_4TX
Setting 23.5
06-E-J-8-10

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	5.629G	57.69	68.20	-10.51	53.21	3	Vertical	200	2.21	-	31.82	6.95	34.29			
PK	5.868G	122.65	Inf	-Inf	117.69	3	Vertical	200	2.21	-	32.27	7.23	34.54			
AV	5.869G	114.75	Inf	-Inf	109.78	3	Vertical	200	2.21	-	32.28	7.23	34.54			
PK	5.908G	72.20	120.67	-48.47	67.12	3	Vertical	200	2.21	-	32.40	7.26	34.58			
RMS	5.9285G	49.09	88.20	-39.11	44.02	3	Vertical	200	2.21	-	32.40	7.27	34.60			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

5865MHz_TX

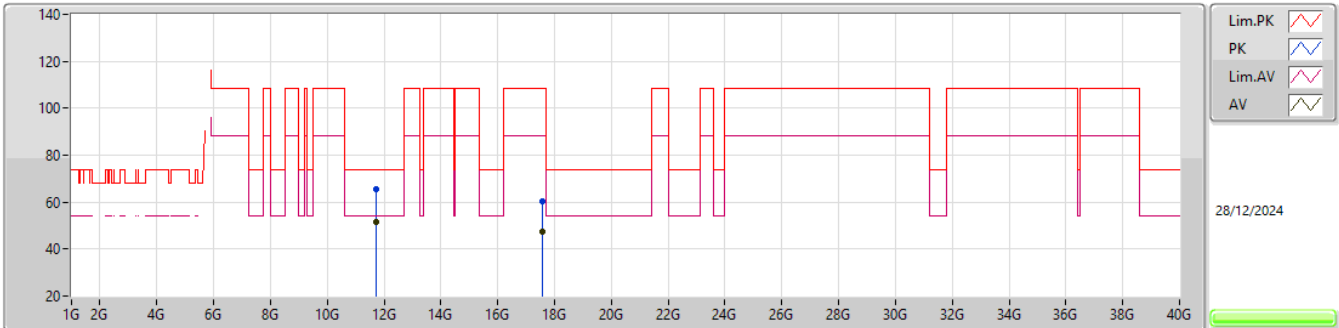


EUT_Z_4TX
Setting 23.5
06-E-J-8-10

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	5.635G	57.34	68.20	-10.86	52.83	3	Horizontal	15	2.29	-	31.84	6.96	34.29			
PK	5.873G	114.45	Inf	-Inf	109.48	3	Horizontal	15	2.29	-	32.29	7.23	34.55			
AV	5.8725G	106.43	Inf	-Inf	101.45	3	Horizontal	15	2.29	-	32.29	7.23	34.54			
PK	5.924G	58.85	108.93	-50.08	53.78	3	Horizontal	15	2.29	-	32.40	7.27	34.60			
RMS	5.925G	47.52	88.20	-40.68	42.45	3	Horizontal	15	2.29	-	32.40	7.27	34.60			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

5865MHz_TX

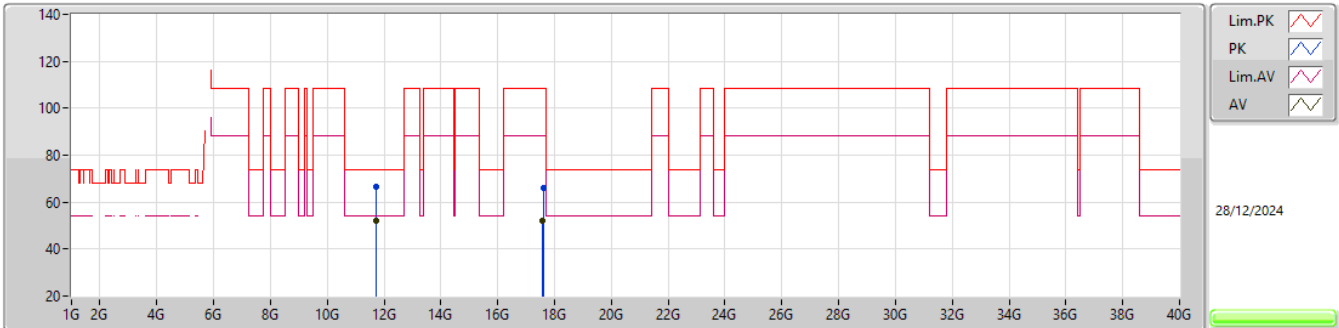


EUT_Y_4TX
Setting 23.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.72312G	65.38	74.00	-8.62	80.29	3	Vertical	7	1.92	-	39.11	11.90	65.92			
AV	11.7236G	51.44	54.00	-2.56	66.35	3	Vertical	7	1.92	-	39.11	11.90	65.92			
PK	17.59244G	60.60	108.20	-47.60	66.08	3	Vertical	78	2.99	-	43.64	13.96	63.08			
RMS	17.59236G	47.45	88.20	-40.75	52.93	3	Vertical	78	2.99	-	43.64	13.96	63.08			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

5865MHz_TX

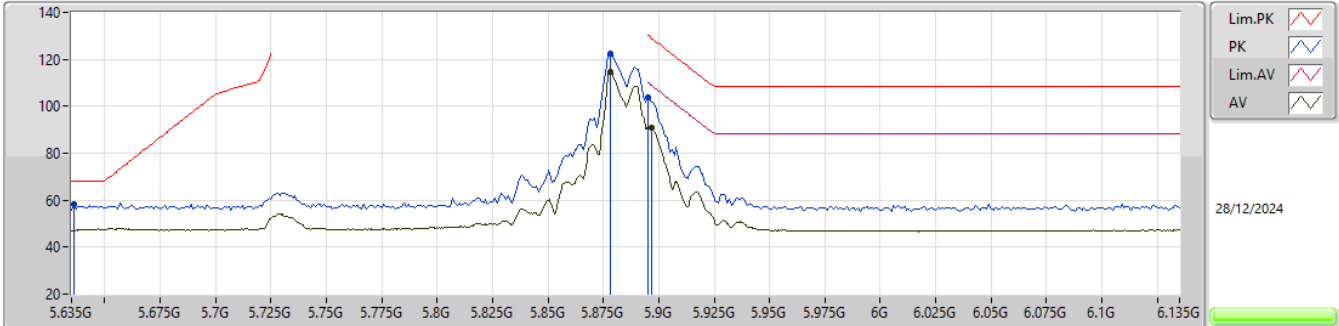


EUT_Y_4TX
Setting 23.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7304G	66.69	74.00	-7.31	81.63	3	Horizontal	327	1.80	-	39.08	11.90	65.92			
AV	11.7301G	51.95	54.00	-2.05	66.89	3	Horizontal	327	1.80	-	39.08	11.90	65.92			
PK	17.5965G	65.78	108.20	-42.42	71.22	3	Horizontal	52	1.80	-	43.67	13.96	63.07			
RMS	17.5907G	51.88	88.20	-36.32	57.37	3	Horizontal	52	1.80	-	43.63	13.96	63.08			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

5885MHz_TX

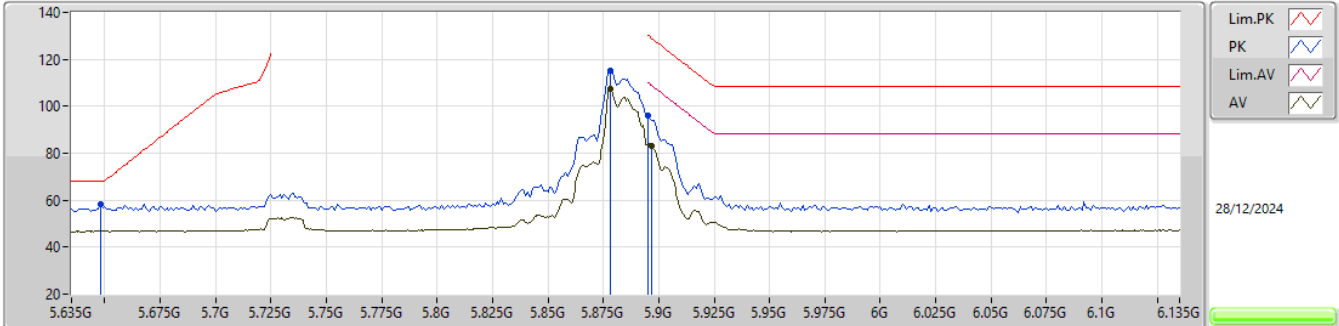


EUT_Z_4TX
Setting 23
06-E-J-8-10

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	5.636G	58.03	68.20	-10.17	53.52	3	Vertical	84.9	2.33	-	31.84	6.96	34.29			
PK	5.878G	122.31	Inf	-Inf	117.32	3	Vertical	84.9	2.33	-	32.31	7.23	34.55			
AV	5.878G	114.71	Inf	-Inf	109.72	3	Vertical	84.9	2.33	-	32.31	7.23	34.55			
PK	5.895G	103.93	130.20	-26.27	98.87	3	Vertical	84.9	2.33	-	32.38	7.25	34.57			
RMS	5.897G	90.99	108.73	-17.74	85.92	3	Vertical	84.9	2.33	-	32.39	7.25	34.57			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

5885MHz_TX

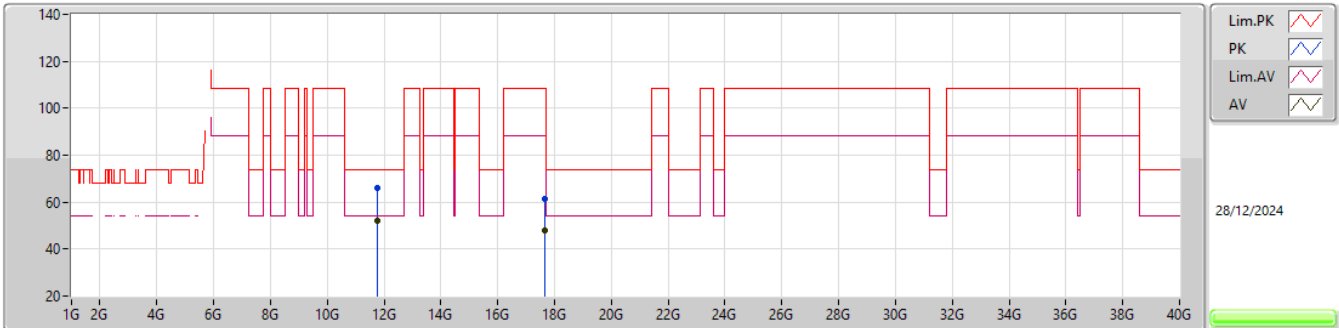


EUT_Z_4TX
Setting 23
06-E-J-8-10

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	58.26	68.20	-9.94	53.71	3	Horizontal	308	2.35	-	31.89	6.97	34.31			
PK	5.878G	115.36	Inf	-Inf	110.37	3	Horizontal	308	2.35	-	32.31	7.23	34.55			
AV	5.878G	107.31	Inf	-Inf	102.32	3	Horizontal	308	2.35	-	32.31	7.23	34.55			
PK	5.895G	96.23	130.20	-33.97	91.17	3	Horizontal	308	2.35	-	32.38	7.25	34.57			
RMS	5.897G	83.18	108.73	-25.55	78.11	3	Horizontal	308	2.35	-	32.39	7.25	34.57			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

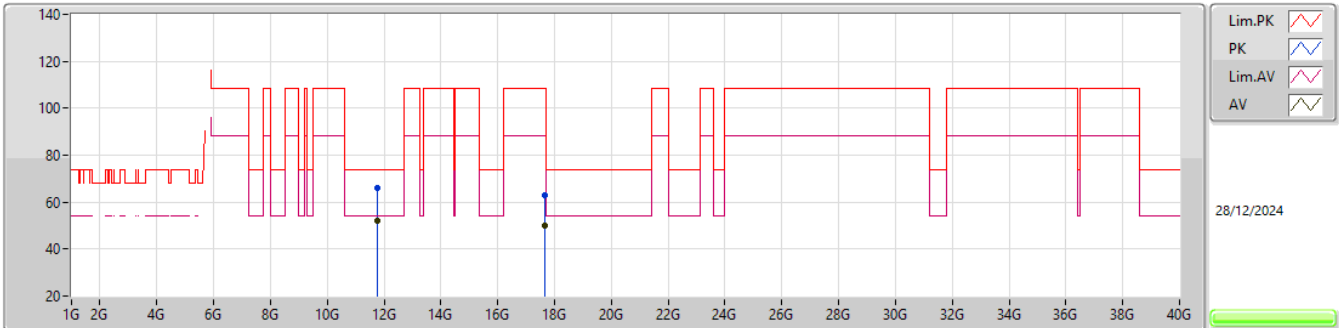
5885MHz_TX

EUT_Y_4TX
Setting 23
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.76352G	65.81	74.00	-8.19	80.83	3	Vertical	20	2.32	-	38.95	11.93	65.90			
AV	11.76368G	52.19	54.00	-1.81	67.21	3	Vertical	20	2.32	-	38.95	11.93	65.90			
PK	17.65708G	61.31	108.20	-46.89	66.18	3	Vertical	306	1.56	-	44.10	13.98	62.95			
RMS	17.65924G	47.91	88.20	-40.29	52.75	3	Vertical	306	1.56	-	44.13	13.98	62.95			

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

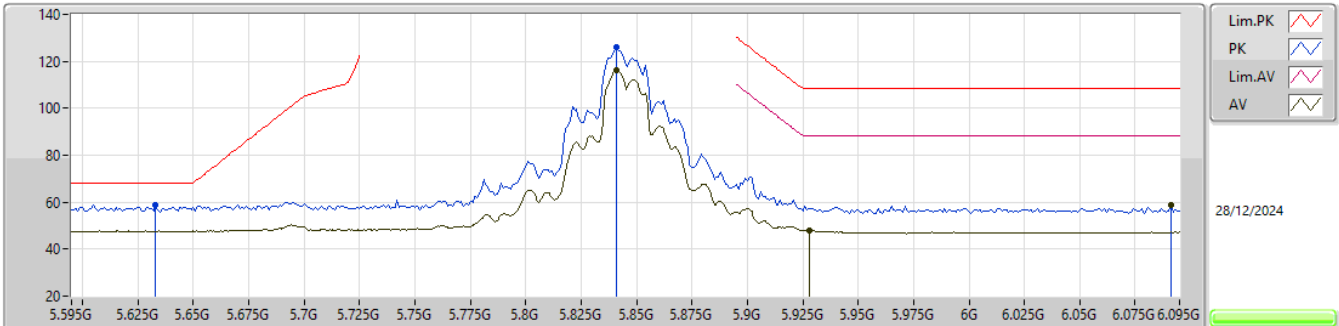
5885MHz_TX

EUT_Y_4TX
Setting 23
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.77072G	65.88	74.00	-8.12	80.92	3	Horizontal	18	1.80	-	38.92	11.93	65.89			
AV	11.77008G	51.91	54.00	-2.09	66.95	3	Horizontal	18	1.80	-	38.92	11.93	65.89			
PK	17.65716G	63.17	108.20	-45.03	68.04	3	Horizontal	57	1.89	-	44.10	13.98	62.95			
RMS	17.65756G	49.82	88.20	-38.38	54.68	3	Horizontal	57	1.89	-	44.11	13.98	62.95			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

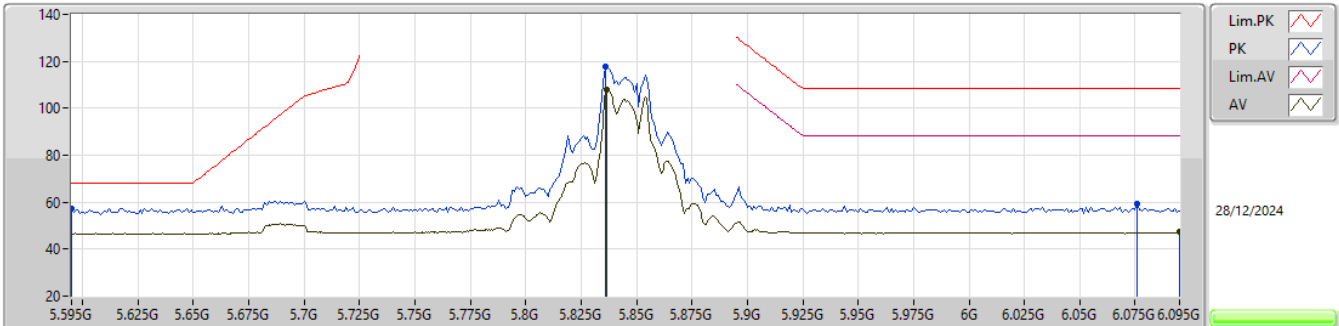
5845MHz_TX

EUT_Z_4TX
Setting 24
06-E-J-8-10

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	5.633G	58.75	68.20	-9.45	54.26	3	Vertical	247	2.73	-	31.83	6.95	34.29			
PK	5.841G	126.15	Inf	-Inf	121.27	3	Vertical	247	2.73	-	32.18	7.21	34.51			
AV	5.841G	116.21	Inf	-Inf	111.33	3	Vertical	247	2.73	-	32.18	7.21	34.51			
AV	5.928G	48.09	88.20	-40.11	43.02	3	Vertical	247	2.73	-	32.40	7.27	34.60			
RMS	6.091G	58.84	108.20	-49.36	53.56	3	Vertical	247	2.73	-	32.50	7.37	34.59			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5845MHz_TX

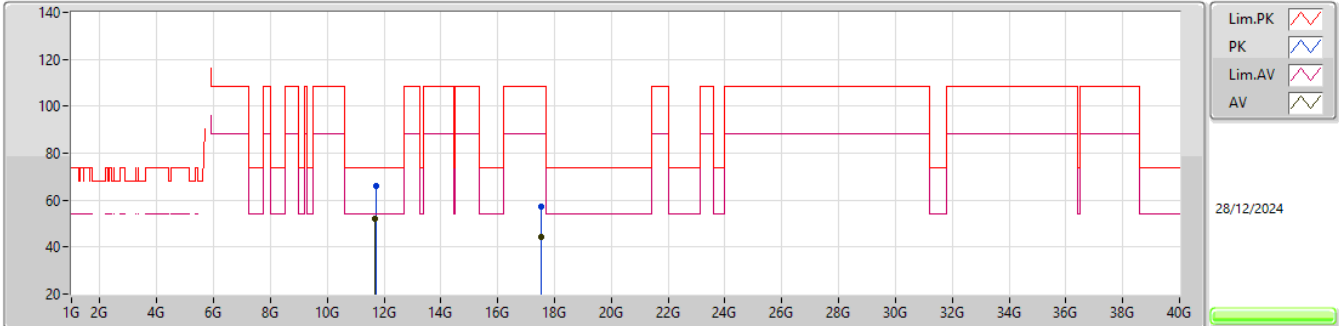


EUT_Z_4TX
Setting 24
06-E-J-8-10

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	5.595G	57.50	68.20	-10.70	53.13	3	Horizontal	305	2.45	-	31.71	6.91	34.25			
PK	5.836G	117.57	Inf	-Inf	112.70	3	Horizontal	305	2.45	-	32.17	7.21	34.51			
AV	5.8365G	107.99	Inf	-Inf	103.12	3	Horizontal	305	2.45	-	32.17	7.21	34.51			
PK	6.076G	59.22	108.20	-48.98	53.97	3	Horizontal	305	2.45	-	32.50	7.36	34.61			
RMS	6.095G	47.21	88.20	-40.99	41.93	3	Horizontal	305	2.45	-	32.50	7.37	34.59			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

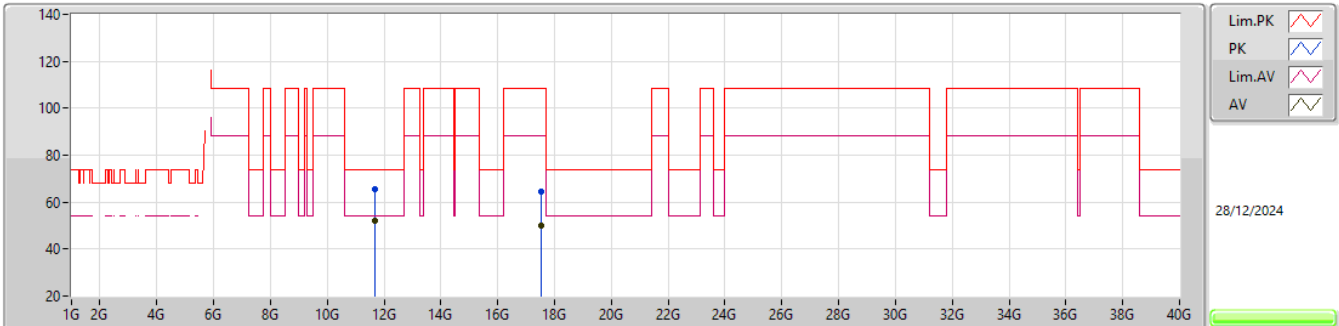
5845MHz_TX

EUT_Y_4TX
Setting 24
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.70232G	65.85	74.00	-8.15	80.71	3	Vertical	5	1.88	-	39.19	11.89	65.94			
AV	11.68352G	51.83	54.00	-2.17	66.64	3	Vertical	5	1.88	-	39.27	11.87	65.95			
PK	17.5326G	57.50	108.20	-50.70	63.67	3	Vertical	153	1.11	-	43.09	13.94	63.20			
RMS	17.53308G	44.32	88.20	-43.88	50.48	3	Vertical	153	1.11	-	43.10	13.94	63.20			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

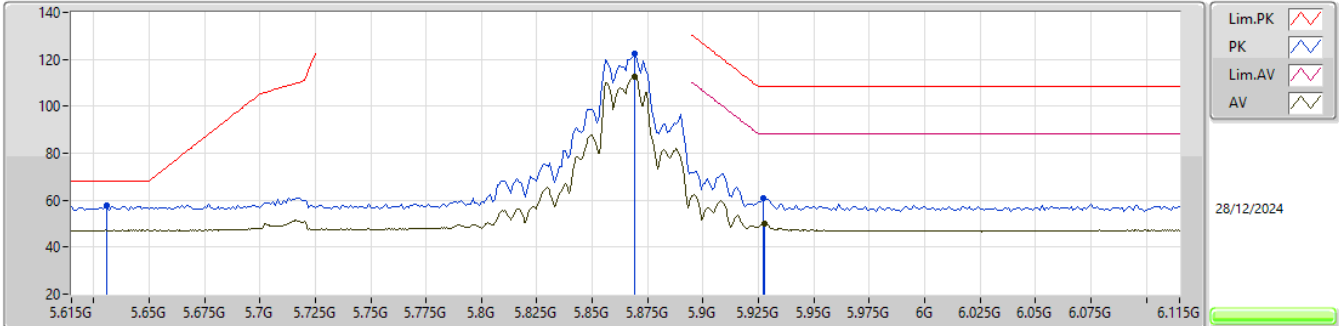
5845MHz_TX

EUT_Y_4TX
Setting 24
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.69032G	65.47	74.00	-8.53	80.29	3	Horizontal	16	1.80	-	39.24	11.88	65.94			
AV	11.69064G	52.20	54.00	-1.80	67.02	3	Horizontal	16	1.80	-	39.24	11.88	65.94			
PK	17.53612G	64.51	108.20	-43.69	70.63	3	Horizontal	55	1.75	-	43.13	13.94	63.19			
RMS	17.53708G	50.05	88.20	-38.15	56.16	3	Horizontal	55	1.75	-	43.14	13.94	63.19			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5865MHz_TX

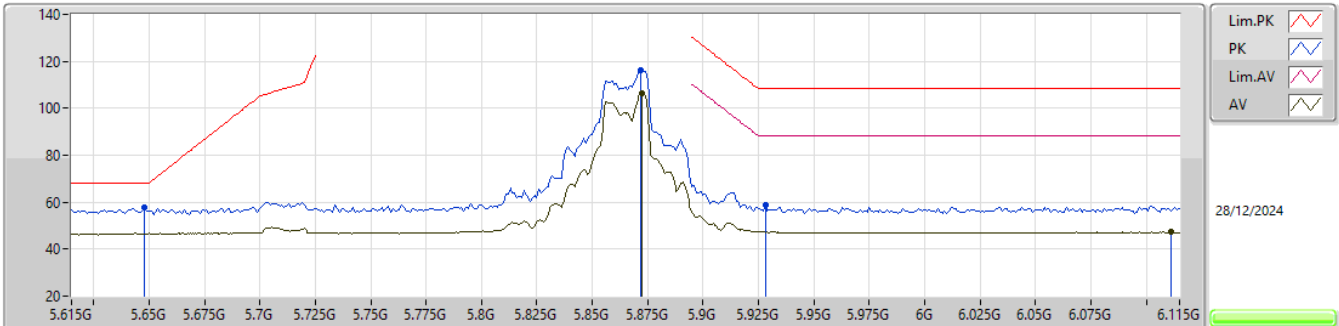


EUT_Z_4TX
Setting 23.5
06-E-J-8-10

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	5.631G	57.82	68.20	-10.38	53.34	3	Vertical	194.9	2.23	-	31.82	6.95	34.29			
PK	5.869G	122.20	Inf	-Inf	117.23	3	Vertical	194.9	2.23	-	32.28	7.23	34.54			
AV	5.869G	112.42	Inf	-Inf	107.45	3	Vertical	194.9	2.23	-	32.28	7.23	34.54			
PK	5.927G	60.74	108.20	-47.46	55.67	3	Vertical	194.9	2.23	-	32.40	7.27	34.60			
RMS	5.9275G	50.09	88.20	-38.11	45.02	3	Vertical	194.9	2.23	-	32.40	7.27	34.60			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5865MHz_TX

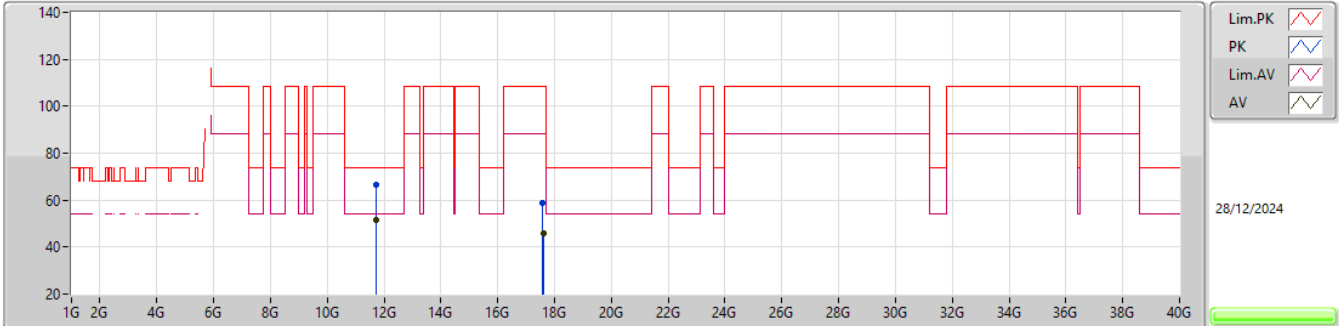


EUT_Z_4TX
Setting 23.5
06-E-J-8-10

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	57.82	68.20	-10.38	53.27	3	Horizontal	0	2.30	-	31.89	6.97	34.31			
PK	5.872G	116.17	Inf	-Inf	111.19	3	Horizontal	0	2.30	-	32.29	7.23	34.54			
AV	5.8725G	106.32	Inf	-Inf	101.34	3	Horizontal	0	2.30	-	32.29	7.23	34.54			
PK	5.928G	58.58	108.20	-49.62	53.51	3	Horizontal	0	2.30	-	32.40	7.27	34.60			
RMS	6.111G	47.40	88.20	-40.80	42.05	3	Horizontal	0	2.30	-	32.54	7.38	34.57			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5865MHz_TX

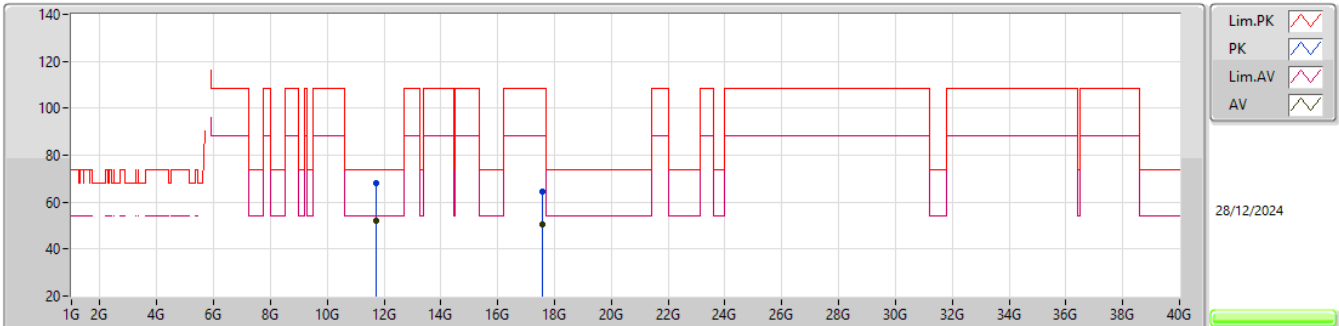


EUT_Y_4TX
Setting 23.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.72264G	66.62	74.00	-7.38	81.53	3	Vertical	15	1.87	-	39.11	11.90	65.92			
AV	11.73016G	51.39	54.00	-2.61	66.33	3	Vertical	15	1.87	-	39.08	11.90	65.92			
PK	17.58412G	58.79	108.20	-49.41	64.36	3	Vertical	5	2.59	-	43.57	13.96	63.10			
RMS	17.59852G	46.06	88.20	-42.14	51.48	3	Vertical	5	2.59	-	43.69	13.96	63.07			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5865MHz_TX

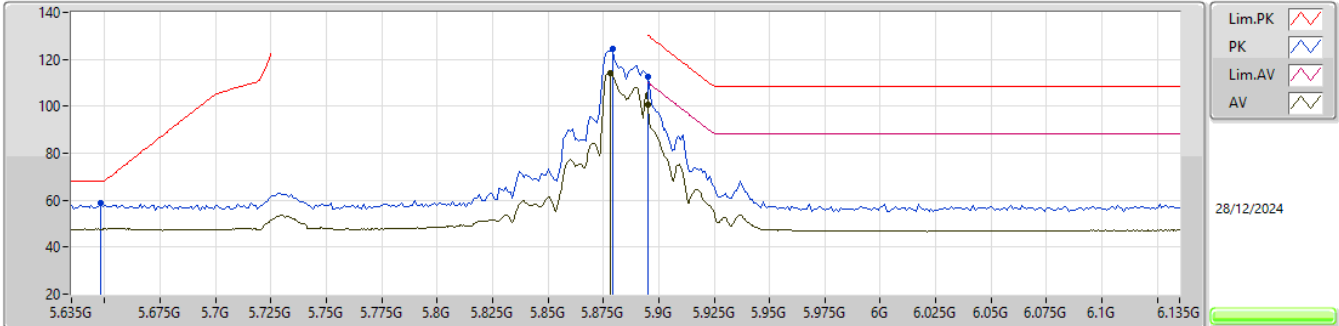


EUT_Y_4TX
Setting 23.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7256G	68.02	74.00	-5.98	82.94	3	Horizontal	329.9	2.39	-	39.10	11.90	65.92			
AV	11.7248G	52.31	54.00	-1.69	67.23	3	Horizontal	329.9	2.39	-	39.10	11.90	65.92			
PK	17.591G	64.72	108.20	-43.48	70.21	3	Horizontal	54	1.85	-	43.63	13.96	63.08			
RMS	17.5914G	50.73	88.20	-37.47	56.22	3	Horizontal	54	1.85	-	43.63	13.96	63.08			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5885MHz_TX

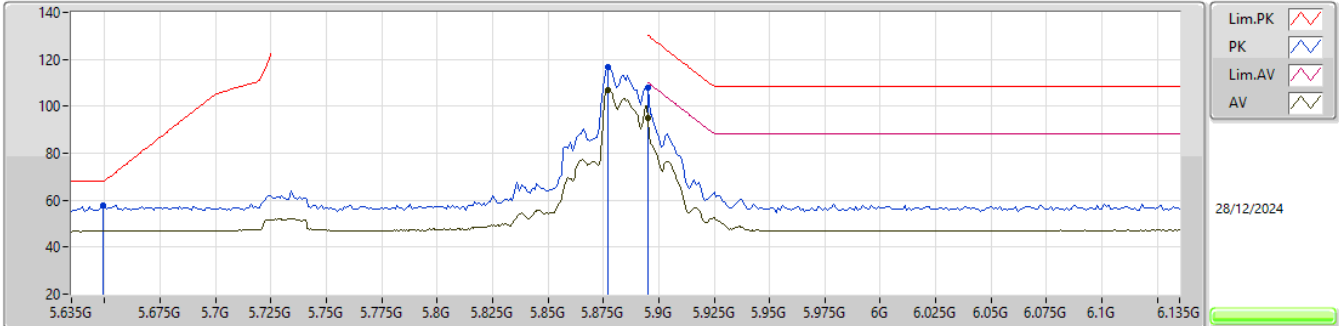


EUT_Z_4TX
Setting 23
06-E-J-8-10

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	5.648G	58.56	68.20	-9.64	54.01	3	Vertical	85	2.46	-	31.89	6.97	34.31			
PK	5.879G	124.67	Inf	-Inf	119.66	3	Vertical	85	2.46	-	32.32	7.24	34.55			
AV	5.878G	114.35	Inf	-Inf	109.36	3	Vertical	85	2.46	-	32.31	7.23	34.55			
PK	5.895G	112.83	130.20	-17.37	107.77	3	Vertical	85	2.46	-	32.38	7.25	34.57			
RMS	5.895G	100.79	110.20	-9.41	95.73	3	Vertical	85	2.46	-	32.38	7.25	34.57			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5885MHz_TX

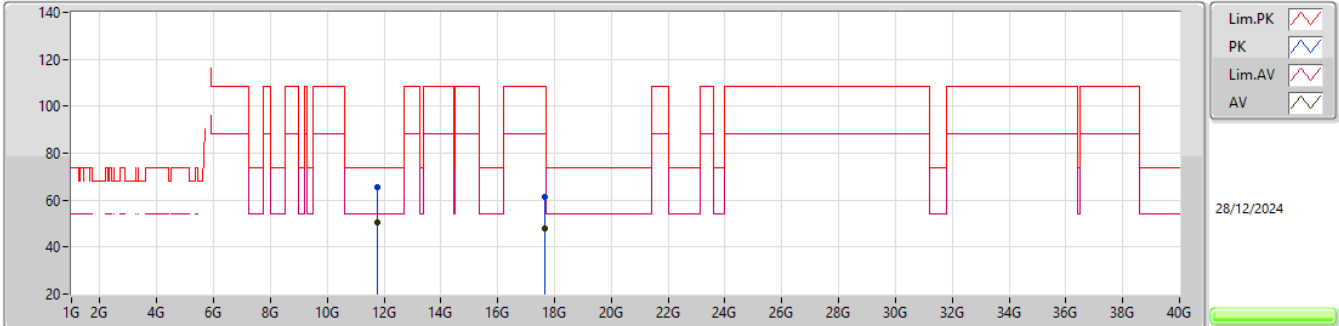


EUT_Z_4TX
Setting 23
06-E-J-8-10

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	5.649G	57.52	68.20	-10.68	52.95	3	Horizontal	306.9	2.36	-	31.90	6.98	34.31			
PK	5.877G	116.79	Inf	-Inf	111.80	3	Horizontal	306.9	2.36	-	32.31	7.23	34.55			
AV	5.877G	106.96	Inf	-Inf	101.97	3	Horizontal	306.9	2.36	-	32.31	7.23	34.55			
PK	5.895G	107.83	130.20	-22.37	102.77	3	Horizontal	306.9	2.36	-	32.38	7.25	34.57			
RMS	5.895G	95.09	110.20	-15.11	90.03	3	Horizontal	306.9	2.36	-	32.38	7.25	34.57			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5885MHz_TX

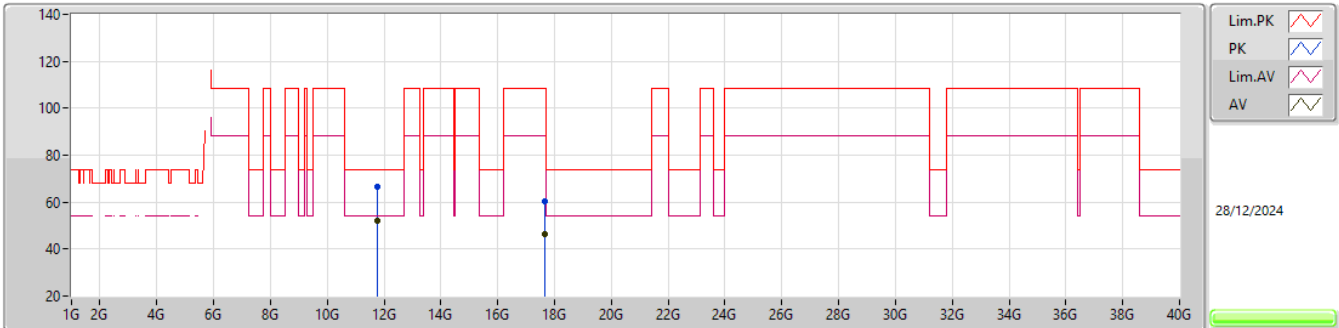


EUT_Y_4TX
Setting 23
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.76256G	65.68	74.00	-8.32	80.70	3	Vertical	8.1	1.89	-	38.95	11.93	65.90			
AV	11.76384G	50.26	54.00	-3.74	65.29	3	Vertical	8.1	1.89	-	38.94	11.93	65.90			
PK	17.64604G	61.52	108.20	-46.68	66.53	3	Vertical	345	2.65	-	43.98	13.98	62.97			
RMS	17.65372G	47.78	88.20	-40.42	52.71	3	Vertical	345	2.65	-	44.05	13.98	62.96			

5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

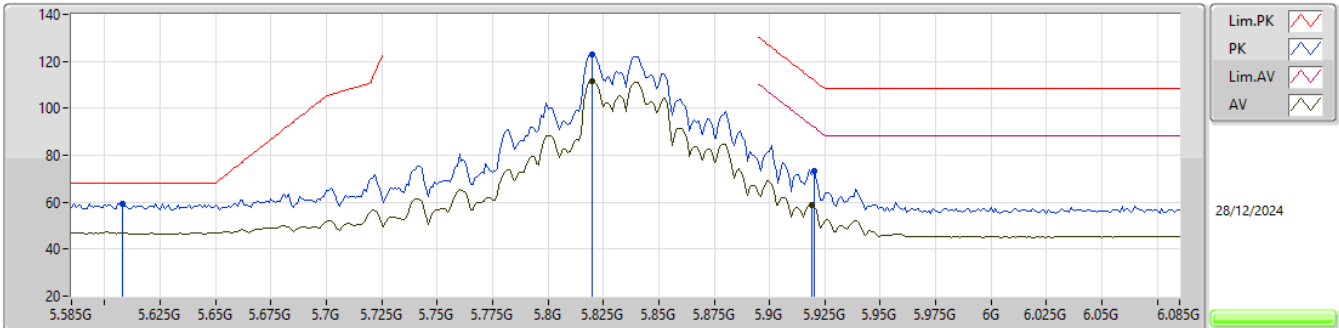
5885MHz_TX

EUT_Y_4TX
Setting 23
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.77G	66.70	74.00	-7.30	81.74	3	Horizontal	17	1.86	-	38.92	11.93	65.89			
AV	11.7704G	51.96	54.00	-2.04	67.00	3	Horizontal	17	1.86	-	38.92	11.93	65.89			
PK	17.6454G	60.30	108.20	-47.90	65.33	3	Horizontal	177	1.01	-	43.97	13.98	62.98			
RMS	17.64732G	46.31	88.20	-41.89	51.32	3	Horizontal	177	1.01	-	43.98	13.98	62.97			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5835MHz_TX

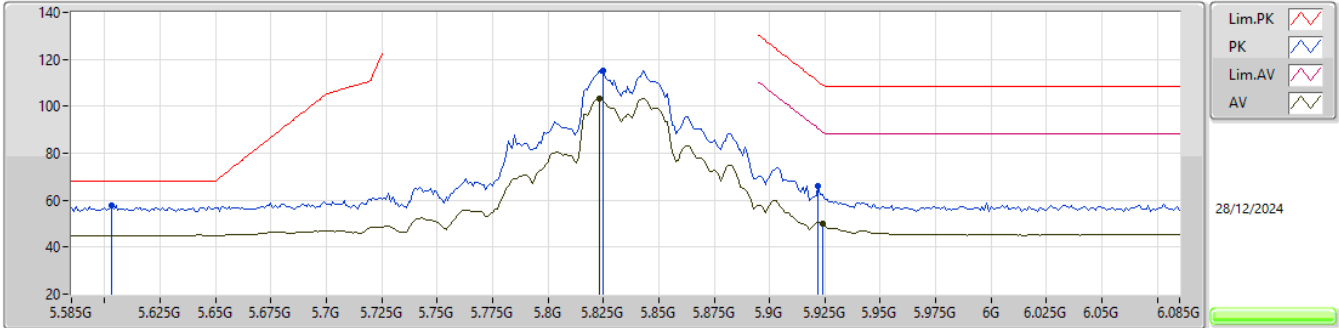


EUT_Z_4TX
Setting 24.5
06-E-J-8-10

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	5.608G	59.54	68.20	-8.66	55.15	3	Vertical	200	2.47	-	31.73	6.92	34.26			
PK	5.82G	123.10	Inf	-Inf	118.26	3	Vertical	200	2.47	-	32.14	7.19	34.49			
AV	5.82G	111.52	Inf	-Inf	106.68	3	Vertical	200	2.47	-	32.14	7.19	34.49			
PK	5.92G	73.36	111.87	-38.51	68.30	3	Vertical	200	2.47	-	32.40	7.26	34.60			
RMS	5.919G	58.69	92.60	-33.91	53.62	3	Vertical	200	2.47	-	32.40	7.26	34.59			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5835MHz_TX

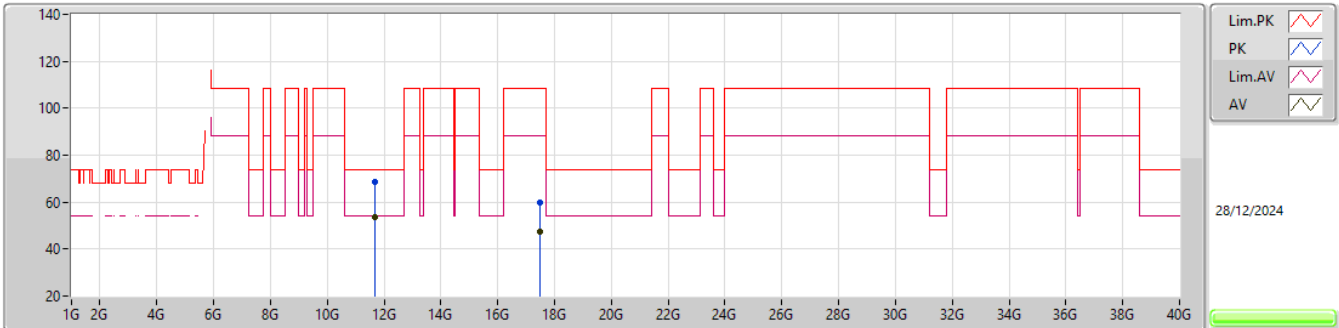


EUT_Z_4TX
Setting 24.5
06-E-J-8-10

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	5.603G	57.84	68.20	-10.36	53.48	3	Horizontal	0	2.22	-	31.71	6.91	34.26			
PK	5.825G	115.17	Inf	-Inf	110.31	3	Horizontal	0	2.22	-	32.15	7.20	34.49			
AV	5.823G	103.42	Inf	-Inf	98.56	3	Horizontal	0	2.22	-	32.15	7.20	34.49			
PK	5.922G	65.90	110.40	-44.50	60.83	3	Horizontal	0	2.22	-	32.40	7.27	34.60			
RMS	5.924G	49.85	88.93	-39.08	44.78	3	Horizontal	0	2.22	-	32.40	7.27	34.60			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5835MHz_TX

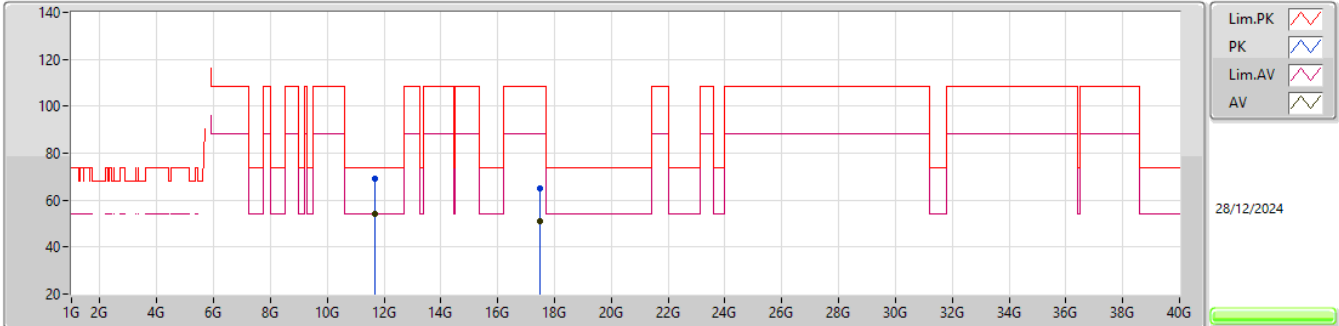


EUT_Y_4TX
Setting 24.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.66207G	68.73	74.00	-5.27	83.48	3	Vertical	7	1.80	-	39.35	11.86	65.96			
AV	11.66366G	53.79	54.00	-0.21	68.54	3	Vertical	7	1.80	-	39.35	11.86	65.96			
PK	17.49512G	59.90	108.20	-48.30	66.57	3	Vertical	158	2.75	-	42.66	13.93	63.26			
RMS	17.47499G	47.16	88.20	-41.04	53.98	3	Vertical	158	2.75	-	42.50	13.92	63.24			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

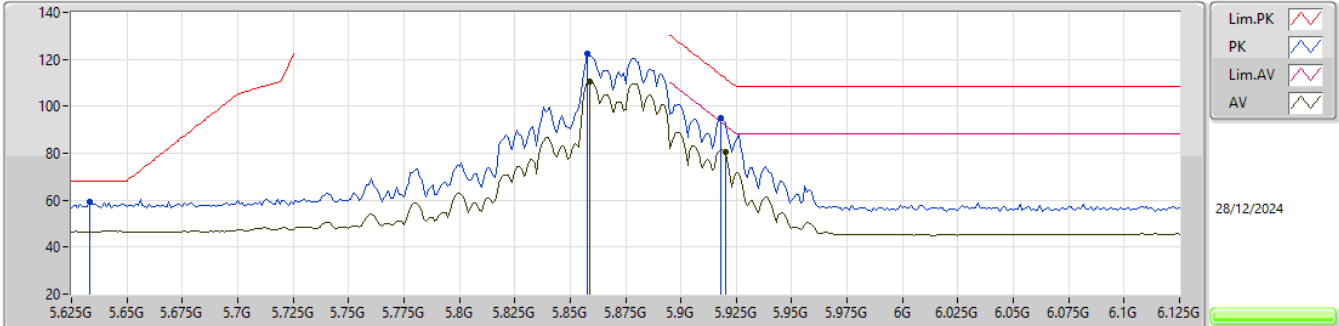
5835MHz_TX

EUT_Y_4TX
Setting 24.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.66288G	69.39	74.00	-4.61	84.14	3	Horizontal	3	1.78	-	39.35	11.86	65.96			
AV	11.6752G	53.94	54.00	-0.06	68.72	3	Horizontal	3	1.78	-	39.30	11.87	65.95			
PK	17.4866G	65.23	108.20	-42.97	71.96	3	Horizontal	47.9	1.80	-	42.59	13.93	63.25			
RMS	17.48668G	50.96	88.20	-37.24	57.69	3	Horizontal	47.9	1.80	-	42.59	13.93	63.25			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5875MHz_TX

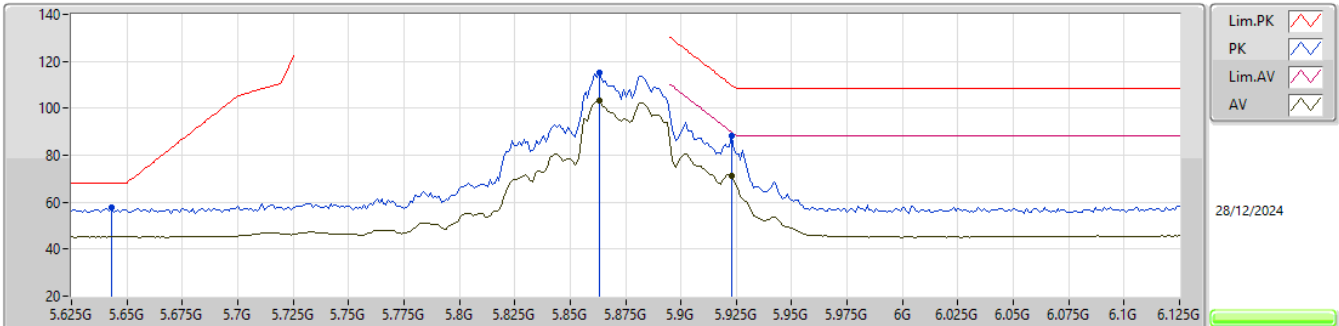


EUT_Z_4TX
Setting 23.5
06-E-J-8-10

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	5.633G	59.26	68.20	-8.94	54.77	3	Vertical	199	2.26	-	31.83	6.95	34.29			
PK	5.858G	122.65	Inf	-Inf	117.73	3	Vertical	199	2.26	-	32.23	7.22	34.53			
AV	5.859G	110.53	Inf	-Inf	105.60	3	Vertical	199	2.26	-	32.24	7.22	34.53			
PK	5.918G	95.15	113.33	-18.18	90.08	3	Vertical	199	2.26	-	32.40	7.26	34.59			
RMS	5.92G	80.35	91.87	-11.52	75.29	3	Vertical	199	2.26	-	32.40	7.26	34.60			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

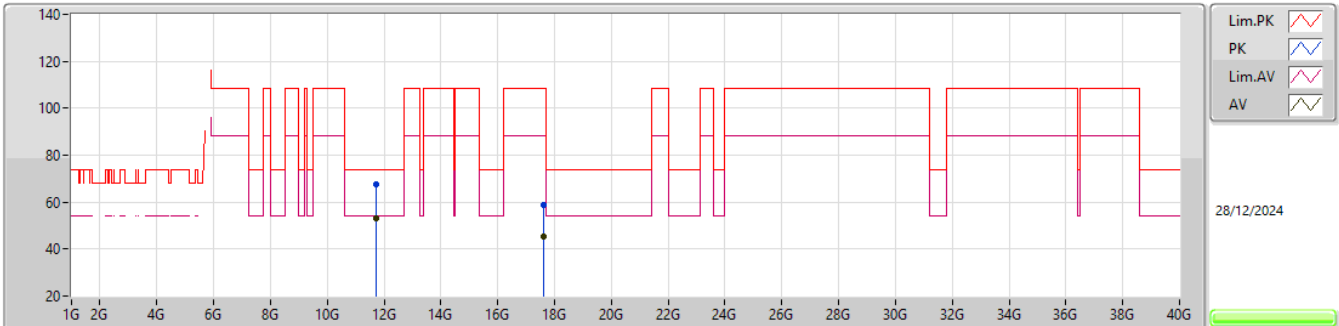
5875MHz_TX

EUT_Z_4TX
Setting 23.5
06-E-J-8-10

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	5.643G	57.67	68.20	-10.53	53.13	3	Horizontal	0	2.28	-	31.87	6.97	34.30			
PK	5.863G	115.18	Inf	-Inf	110.24	3	Horizontal	0	2.28	-	32.25	7.22	34.53			
AV	5.863G	103.23	Inf	-Inf	98.29	3	Horizontal	0	2.28	-	32.25	7.22	34.53			
PK	5.923G	88.24	109.67	-21.43	83.17	3	Horizontal	0	2.28	-	32.40	7.27	34.60			
RMS	5.923G	71.00	89.67	-18.67	65.93	3	Horizontal	0	2.28	-	32.40	7.27	34.60			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

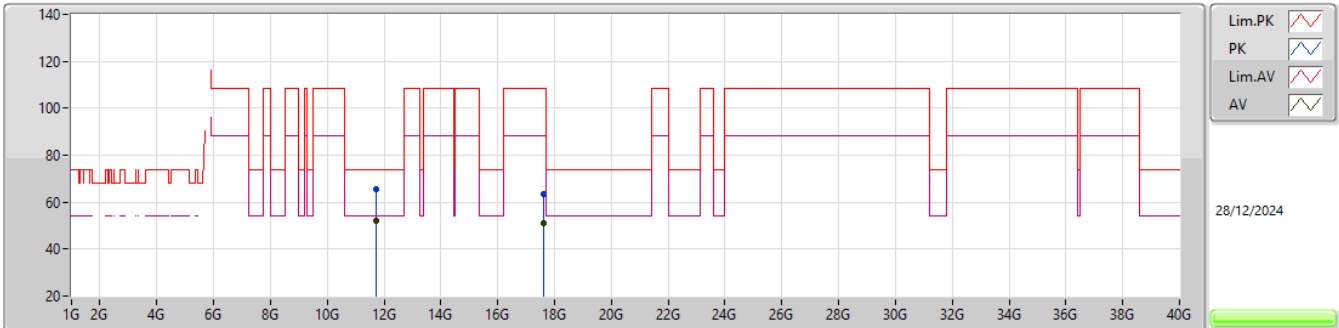
5875MHz_TX

EUT_Y_4TX
Setting 23.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.72365G	67.77	74.00	-6.23	82.68	3	Vertical	5.9	1.86	-	39.11	11.90	65.92			
AV	11.74244G	52.93	54.00	-1.07	67.90	3	Vertical	5.9	1.86	-	39.03	11.91	65.91			
PK	17.60963G	58.83	108.20	-49.37	64.15	3	Vertical	37	1.68	-	43.76	13.97	63.05			
RMS	17.61524G	45.25	88.20	-42.95	50.52	3	Vertical	37	1.68	-	43.79	13.97	63.03			

5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5875MHz_TX

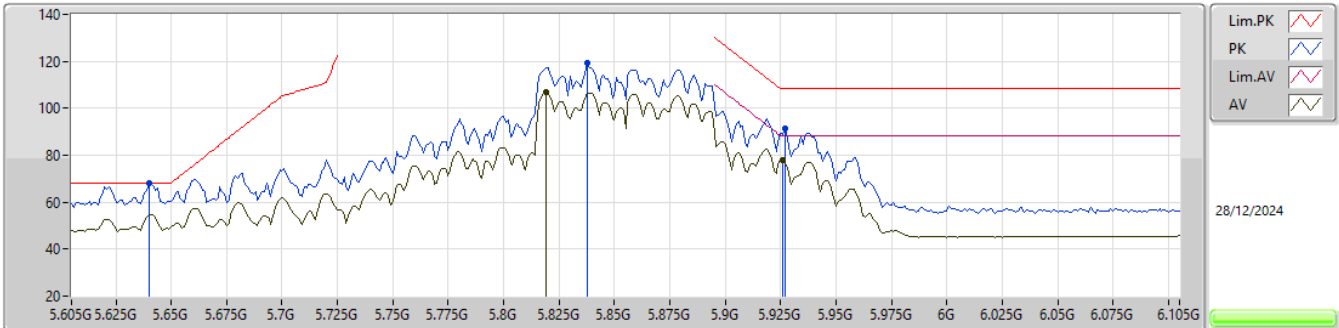


EUT_Y_4TX
Setting 23.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.73499G	65.69	74.00	-8.31	80.63	3	Horizontal	3	1.80	-	39.06	11.91	65.91			
AV	11.73585G	51.84	54.00	-2.16	66.78	3	Horizontal	3	1.80	-	39.06	11.91	65.91			
PK	17.60707G	63.59	108.20	-44.61	68.93	3	Horizontal	249	2.33	-	43.74	13.97	63.05			
RMS	17.63476G	51.26	88.20	-36.94	56.37	3	Horizontal	249	2.33	-	43.91	13.98	63.00			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS14)_4TX

5855MHz_TX

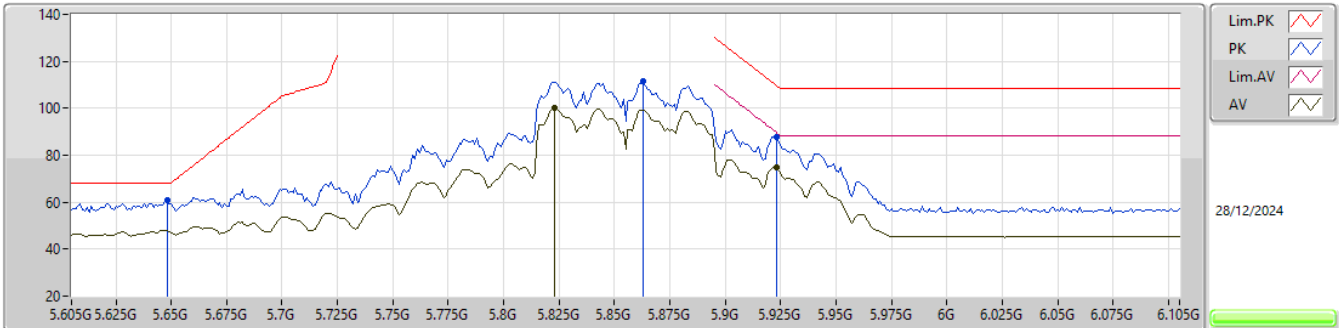


EUT_Z_4TX
Setting 23.5
06-E-J-8-10

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	5.64G	67.89	68.20	-0.31	63.37	3	Vertical	195	2.25	-	31.86	6.96	34.30			
PK	5.838G	119.21	Inf	-Inf	114.33	3	Vertical	195	2.25	-	32.18	7.21	34.51			
AV	5.819G	106.84	Inf	-Inf	102.00	3	Vertical	195	2.25	-	32.14	7.19	34.49			
PK	5.927G	91.30	108.20	-16.90	86.23	3	Vertical	195	2.25	-	32.40	7.27	34.60			
RMS	5.926G	77.94	88.20	-10.26	72.87	3	Vertical	195	2.25	-	32.40	7.27	34.60			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS14)_4TX

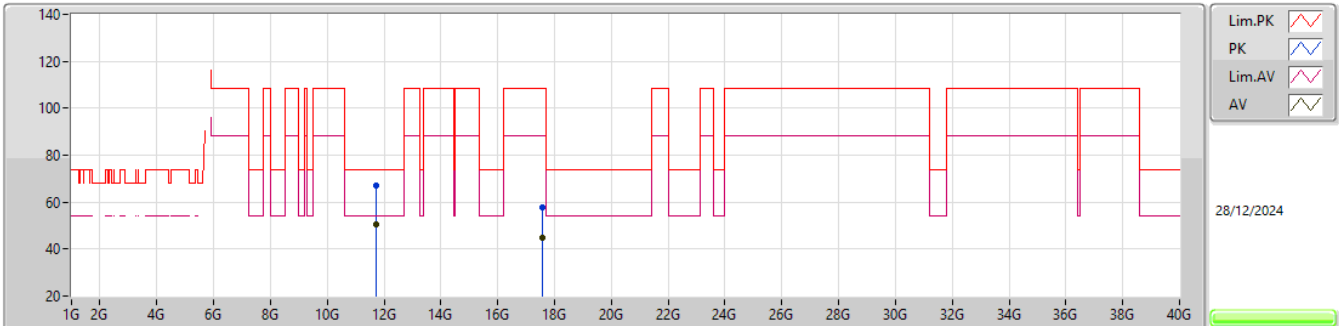
5855MHz_TX

EUT_Z_4TX
Setting 23.5
06-E-J-8-10

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	61.05	68.20	-7.15	56.50	3	Horizontal	0	2.23	-	31.89	6.97	34.31			
PK	5.863G	111.59	Inf	-Inf	106.65	3	Horizontal	0	2.23	-	32.25	7.22	34.53			
AV	5.823G	99.96	Inf	-Inf	95.10	3	Horizontal	0	2.23	-	32.15	7.20	34.49			
PK	5.923G	87.94	109.67	-21.73	82.87	3	Horizontal	0	2.23	-	32.40	7.27	34.60			
RMS	5.923G	75.05	89.67	-14.62	69.98	3	Horizontal	0	2.23	-	32.40	7.27	34.60			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS14)_4TX

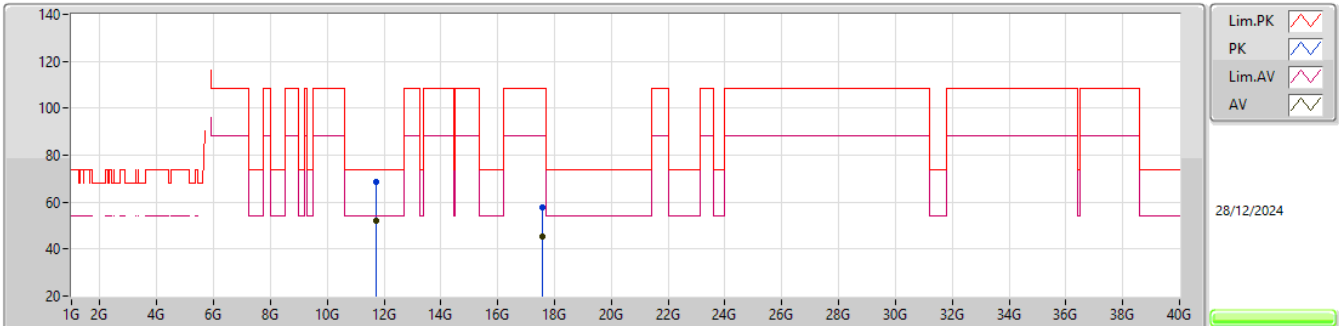
5855MHz_TX

EUT_Y_4TX
Setting 23.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.72391G	67.23	74.00	-6.77	82.15	3	Vertical	104	2.57	-	39.10	11.90	65.92			
AV	11.72293G	50.34	54.00	-3.66	65.25	3	Vertical	104	2.57	-	39.11	11.90	65.92			
PK	17.59013G	57.80	108.20	-50.40	63.30	3	Vertical	181	1.01	-	43.62	13.96	63.08			
RMS	17.5944G	44.84	88.20	-43.36	50.29	3	Vertical	181	1.01	-	43.66	13.96	63.07			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS14)_4TX

5855MHz_TX

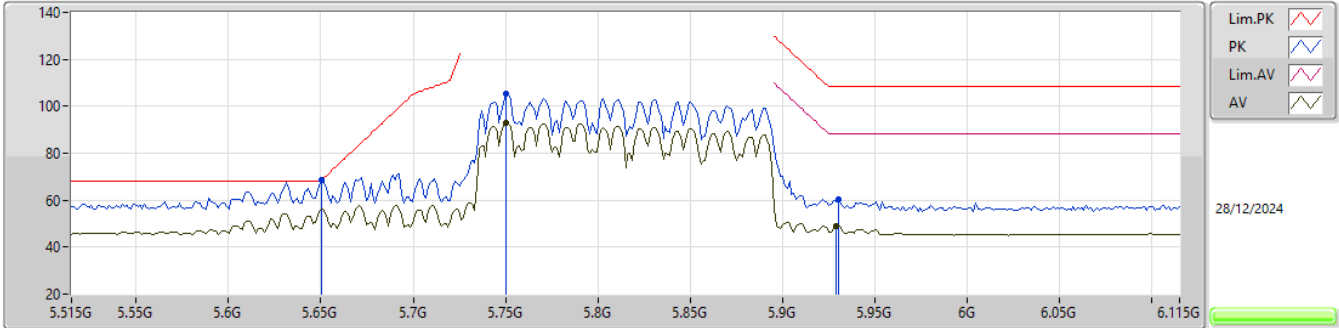


EUT_Y_4TX
Setting 23.5
06-E-J-8

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	11.74038G	68.64	74.00	-5.36	83.60	3	Horizontal	265	2.98	-	39.04	11.91	65.91			
AV	11.72293G	52.29	54.00	-1.71	67.20	3	Horizontal	265	2.98	-	39.11	11.90	65.92			
PK	17.59367G	57.59	108.20	-50.61	63.06	3	Horizontal	20	2.44	-	43.65	13.96	63.08			
RMS	17.5944G	45.12	88.20	-43.08	50.57	3	Horizontal	20	2.44	-	43.66	13.96	63.07			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS14)_4TX

5815MHz_TX

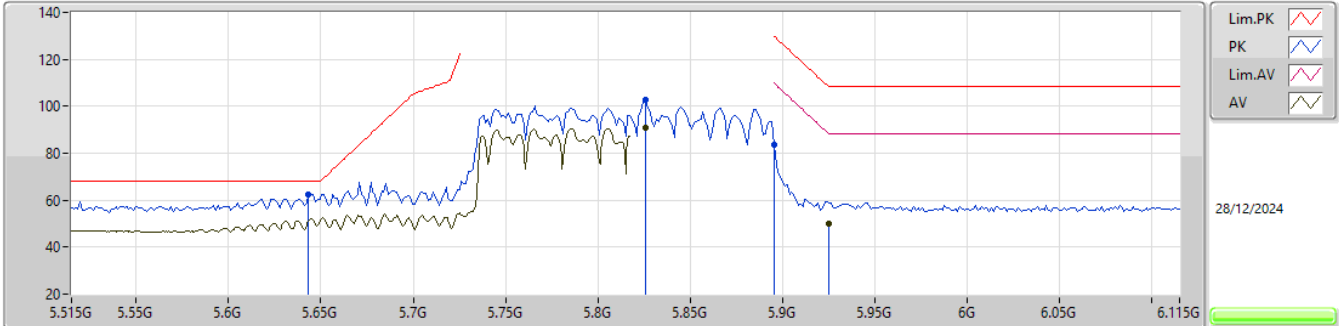


EUT_Z_4TX
Setting 16.5
06-E-J-8-10

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	5.6506G	68.43	68.64	-0.21	63.86	3	Vertical	20	1.78	-	31.90	6.98	34.31			
PK	5.7502G	105.36	Inf	-Inf	100.57	3	Vertical	20	1.78	-	32.10	7.11	34.42			
AV	5.7502G	92.95	Inf	-Inf	88.16	3	Vertical	20	1.78	-	32.10	7.11	34.42			
PK	5.9302G	60.56	108.20	-47.64	55.50	3	Vertical	20	1.78	-	32.40	7.27	34.61			
RMS	5.929G	49.00	88.20	-39.20	43.93	3	Vertical	20	1.78	-	32.40	7.27	34.60			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS14)_4TX

5815MHz_TX

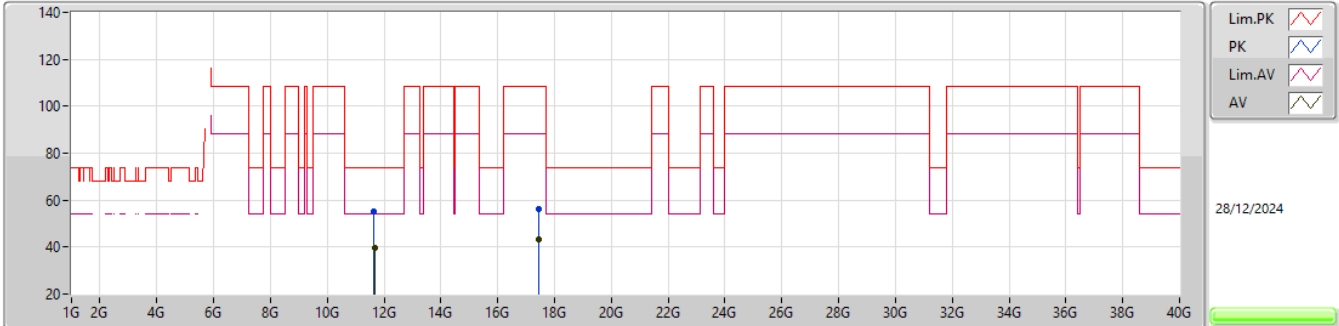


EUT_Z_4TX
Setting 16.5
06-E-J-8-10

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	5.6434G	62.57	68.20	-5.63	58.03	3	Horizontal	302	2.12	-	31.87	6.97	34.30				
PK	5.8258G	102.65	Inf	-Inf	97.80	3	Horizontal	302	2.12	-	32.15	7.20	34.50				
AV	5.8258G	90.94	Inf	-Inf	86.09	3	Horizontal	302	2.12	-	32.15	7.20	34.50				
PK	5.8954G	83.41	129.91	-46.50	78.35	3	Horizontal	302	2.12	-	32.38	7.25	34.57				
RMS	5.9254G	49.84	88.20	-38.36	44.77	3	Horizontal	302	2.12	-	32.40	7.27	34.60				

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS14)_4TX

5815MHz_TX

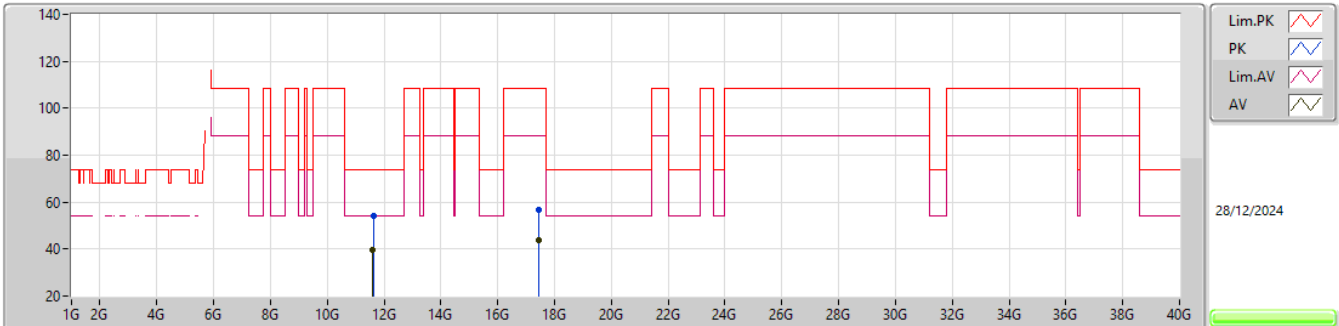


EUT_Y_4TX
Setting 16.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6444G	55.24	74.00	-18.76	69.93	3	Vertical	6	1.79	-	39.43	11.85	65.97			
AV	11.6632G	39.76	54.00	-14.24	54.51	3	Vertical	6	1.79	-	39.35	11.86	65.96			
PK	17.4642G	56.32	108.20	-51.88	63.23	3	Vertical	353	3.00	-	42.41	13.92	63.24			
RMS	17.4636G	43.08	88.20	-45.12	49.99	3	Vertical	353	3.00	-	42.41	13.92	63.24			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS14)_4TX

5815MHz_TX



EUT_Y_4TX
Setting 16.5
06-E-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6576G	54.01	74.00	-19.99	68.75	3	Horizontal	18	1.80	-	39.37	11.86	65.97			
AV	11.5962G	39.58	54.00	-14.42	54.05	3	Horizontal	18	1.80	-	39.72	11.82	66.01			
PK	17.4624G	56.73	108.20	-51.47	63.65	3	Horizontal	42.9	1.85	-	42.40	13.92	63.24			
RMS	17.4474G	43.70	88.20	-44.50	50.73	3	Horizontal	42.9	1.85	-	42.29	13.91	63.23			