



RADIO TEST REPORT

FCC ID : Z8H89FT0087
Equipment : X7-53X Wi-Fi 7 Indoor Access Point
Brand Name : Cambium Networks
Model Name : X7-53X
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 Dec. 25, 2024, and testing was started from Dec. 25, 2024 and completed on Apr. 30, 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
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Approved by: Sam Chen

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History of this test report

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

Page Number : 3 of 31
Issued Date : Jun. 11, 2025
Report Version : 01



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: 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 (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 1-4 (Radio 2)
4	2	ACCTON	RFMTA202028IMLB901-4	Dipole	I-PEX		WLAN 5GHz UNII 1-4 (Radio 2)
5	3	ACCTON	RFMTA202028IMLB901-5	Dipole	I-PEX		WLAN 5GHz UNII 1-4 (Radio 2)
6	4	ACCTON	RFMTA202028IMLB901-6	Dipole	I-PEX		WLAN 5GHz UNII 1-4 (Radio 2)
7	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 1-4 (Radio 2)				
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
3	4.53	4.73	5.43	5.95	4.1
4	4.42	4.45	5.71	4.41	4.4
5	4.41	4.77	3.91	3.44	3.28
6	4.30	4.6	3.73	4.00	4.35
Bluetooth or Zigbee (Radio 3)					
7	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 1-4 (Radio 2)				
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
4T1S	8.62	9.31	9.18	8.43	8.05
4T2S	5.62	6.31	6.18	5.95	5.05
4T4S	4.53	4.77	5.71	5.95	4.4

Note 2: The above information (excepting Ant. 1-6 antenna gain and directional gain) was declared by manufacturer.

Note 3: Radio 1~2: 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 1-4) 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.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20	0.981	0.08	5.455m	10Hz (DC>=0.98)
802.11be EHT40	0.98	0.09	5.455m	10Hz (DC>=0.98)
802.11be EHT80	0.982	0.08	5.453m	10Hz (DC>=0.98)
802.11be EHT160	0.982	0.08	5.453m	10Hz (DC>=0.98)
802.11be EHT20-BF	0.981	0.08	5.455m	10Hz (DC>=0.98)
802.11be EHT40-BF	0.98	0.09	5.455m	10Hz (DC>=0.98)
802.11be EHT80-BF	0.982	0.08	5.453m	10Hz (DC>=0.98)
802.11be EHT160-BF	0.982	0.08	5.453m	10Hz (DC>=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) and Radio 2 (n/ac/ax/be in 5GHz)			
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

Function Radio	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Zigbee
1	V	-	-	-
2	-	V (UNII 1-4)	-	-
3	-	-	V	V

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Operation Function

Mode	Operation Function
1	R1: 2.4GHz + R2: 5GHz + R3: Bluetooth
2	R1: 2.4GHz + R2: 5GHz + R3: Zigbee

Note1: The R means Radio.

Note2: 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 ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Chris Li	23.4~24.2 / 61~65	Jan. 07, 2025~ Feb. 10, 2025
Radiated (Below 1GHz)	03CH06-CB	Viola Huang	22.5-22.9 / 58-60	Apr. 30, 2025
Radiated (Above 1GHz)	03CH04-CB	Viola Huang	22.7-23.8 / 58-60	Dec. 31, 2024
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,(MCS0)_4TX
5855MHz
802.11be EHT160_Nss1,(MCS0)_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,(MCS0)_4TX
5855MHz
802.11be EHT160-BF_Nss1,(MCS0)_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 + R3: Bluetooth + PoE
2	EUT_R1: 2.4GHz + R2: 5GHz + R3: Zigbee(TX) + PoE
3	EUT_R1: 2.4GHz + R2: 5GHz + R3: Zigbee(RX) + 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
	1. 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. 2. The EUT was performed Radio 1~3 test and the worst case was found at Radio 1. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis + R1: 2.4GHz + PoE
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 Y axis



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 + R3: Bluetooth
2	R1: 2.4GHz + R2: 5GHz + R3: Zigbee
Refer to Sporton Test Report No.: FA462417-02 for Co-location RF Exposure Evaluation.	

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

Power	Brand	Model
PoE	Cambium	NET-P30-56IN

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

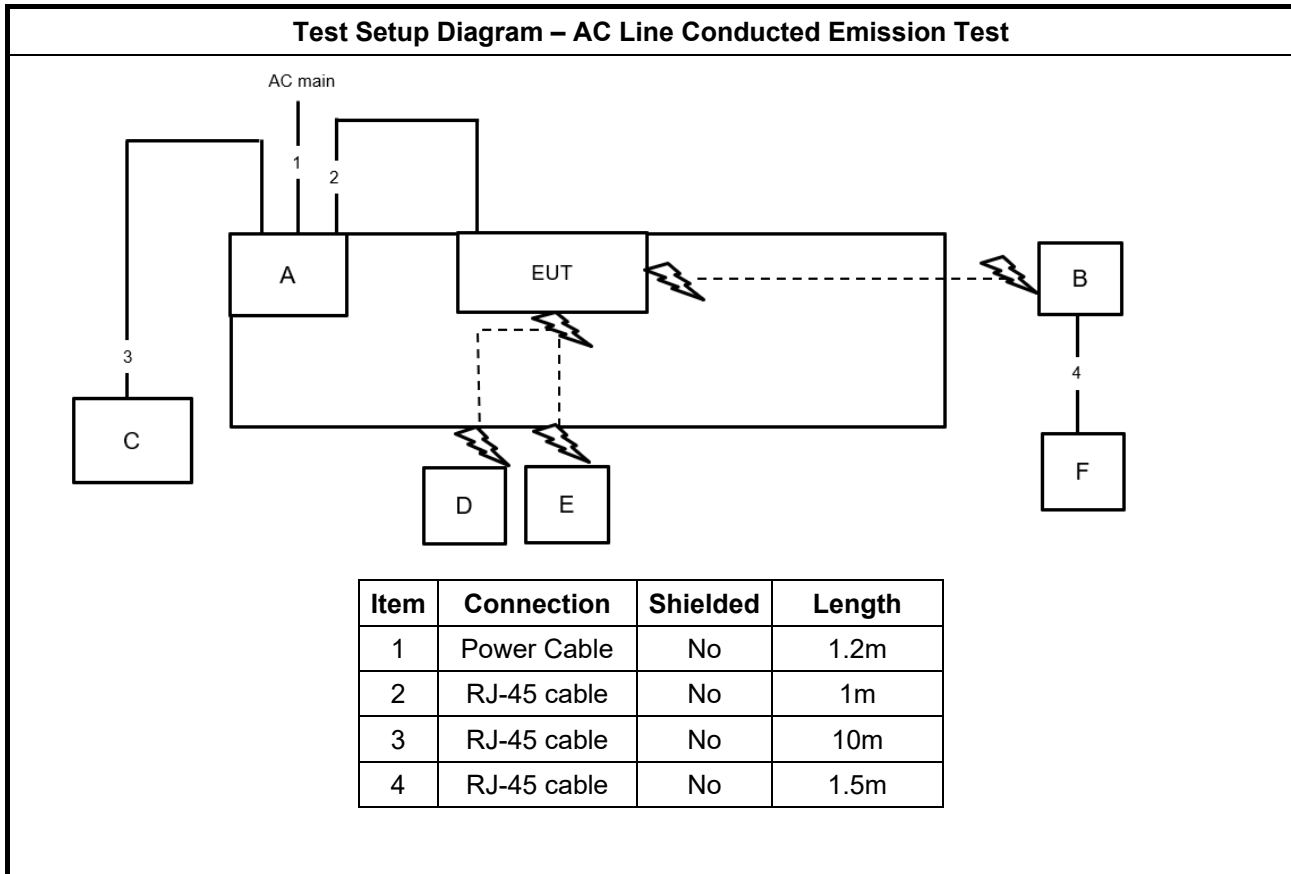
For AC Conduction:

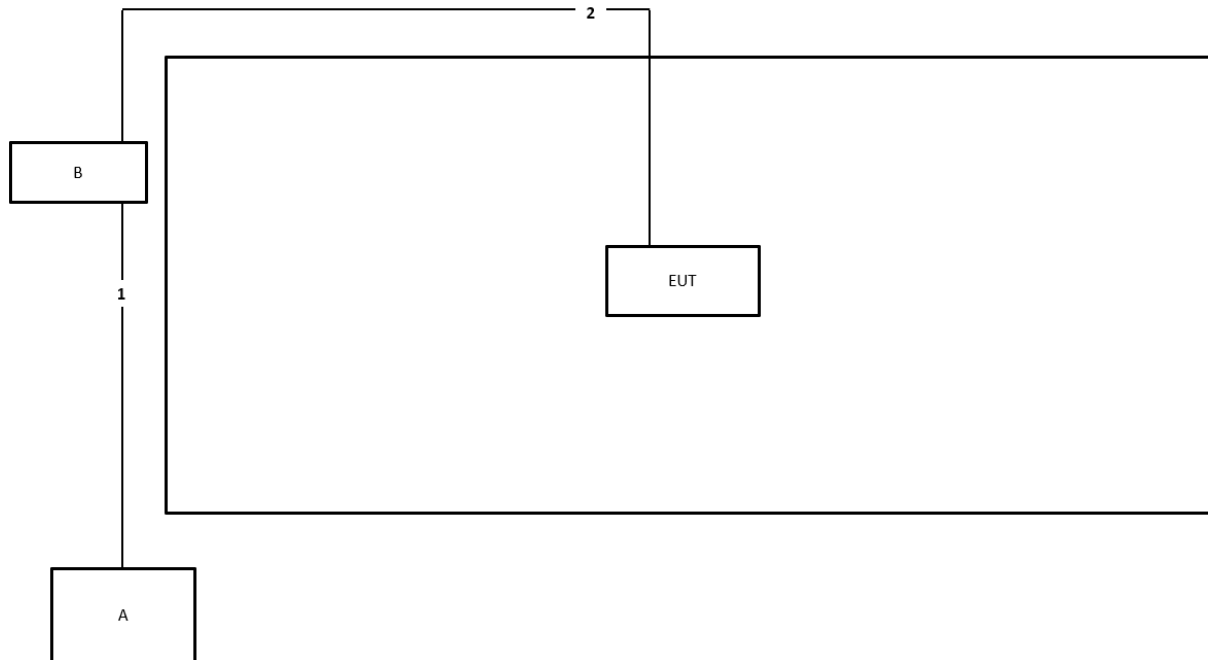
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE	Cambium	NET-P30-56IN	N/A
B	Zigbee device	Cambium	X7-53X	Z8H89FT0087
C	LAN PC	ASUS	S300TA	TX2-RTL8821C
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	Zigbee device PC	ASUS	S300TA	TX2-RTL8821C

For Radiated 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


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.

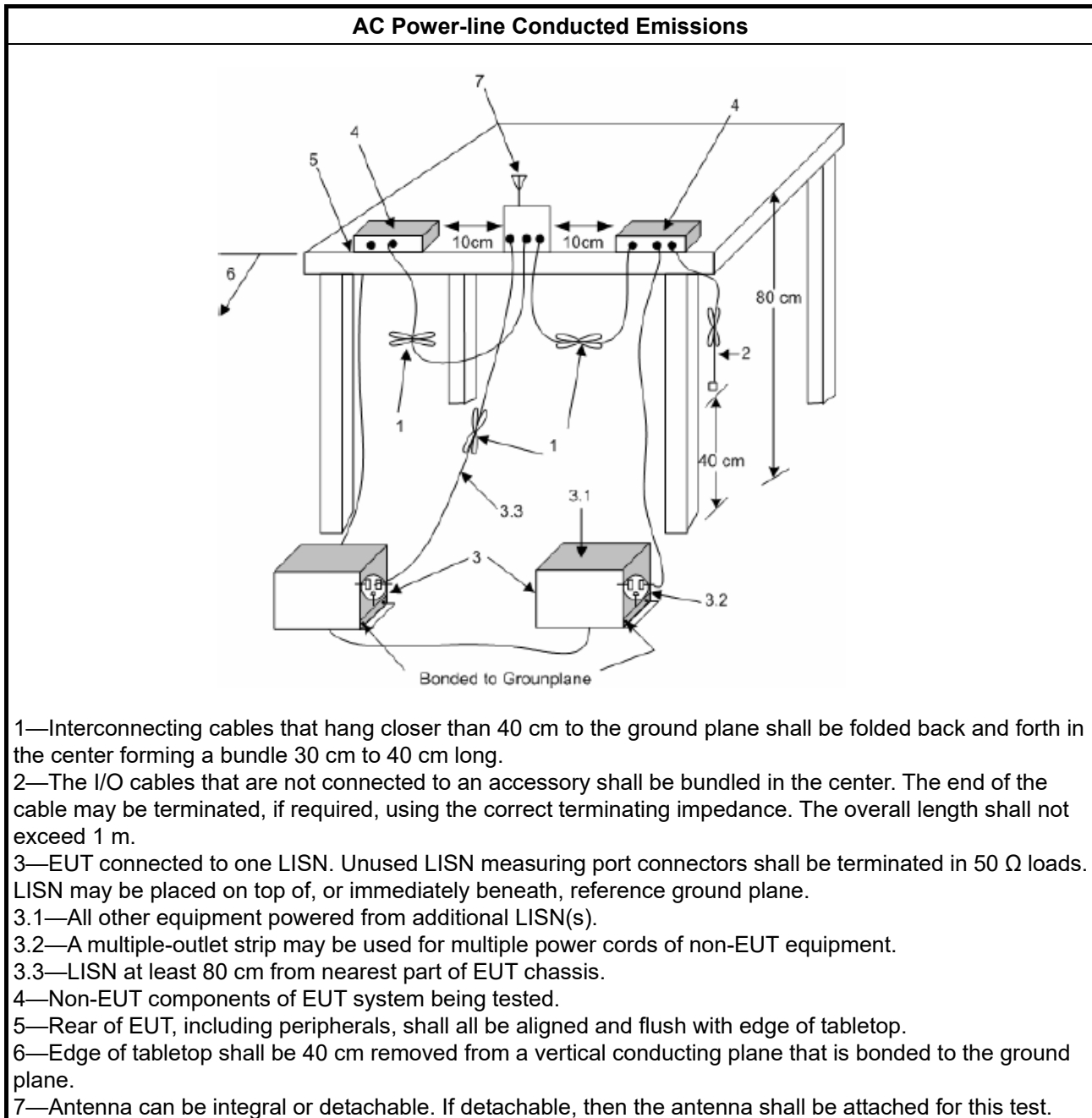
3.1.2 Measuring Instruments

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.

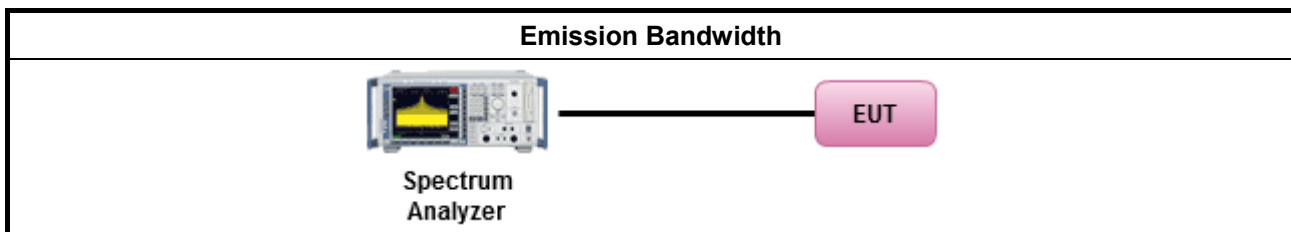
3.2.2 Measuring Instruments

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

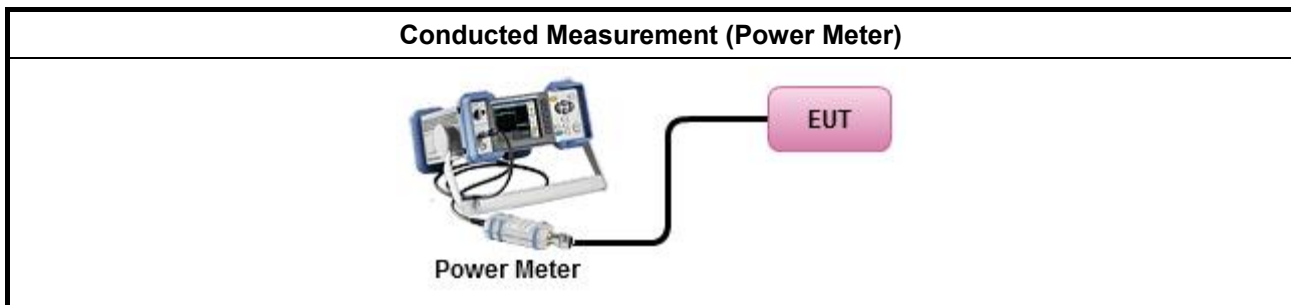
3.3.2 Measuring Instruments

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

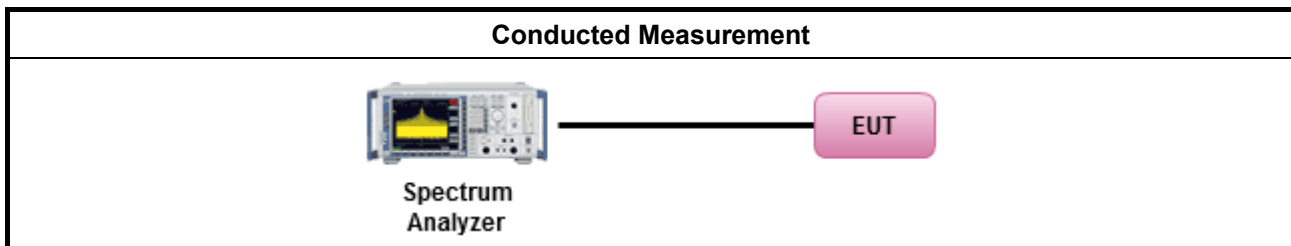
3.4.2 Measuring Instruments

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

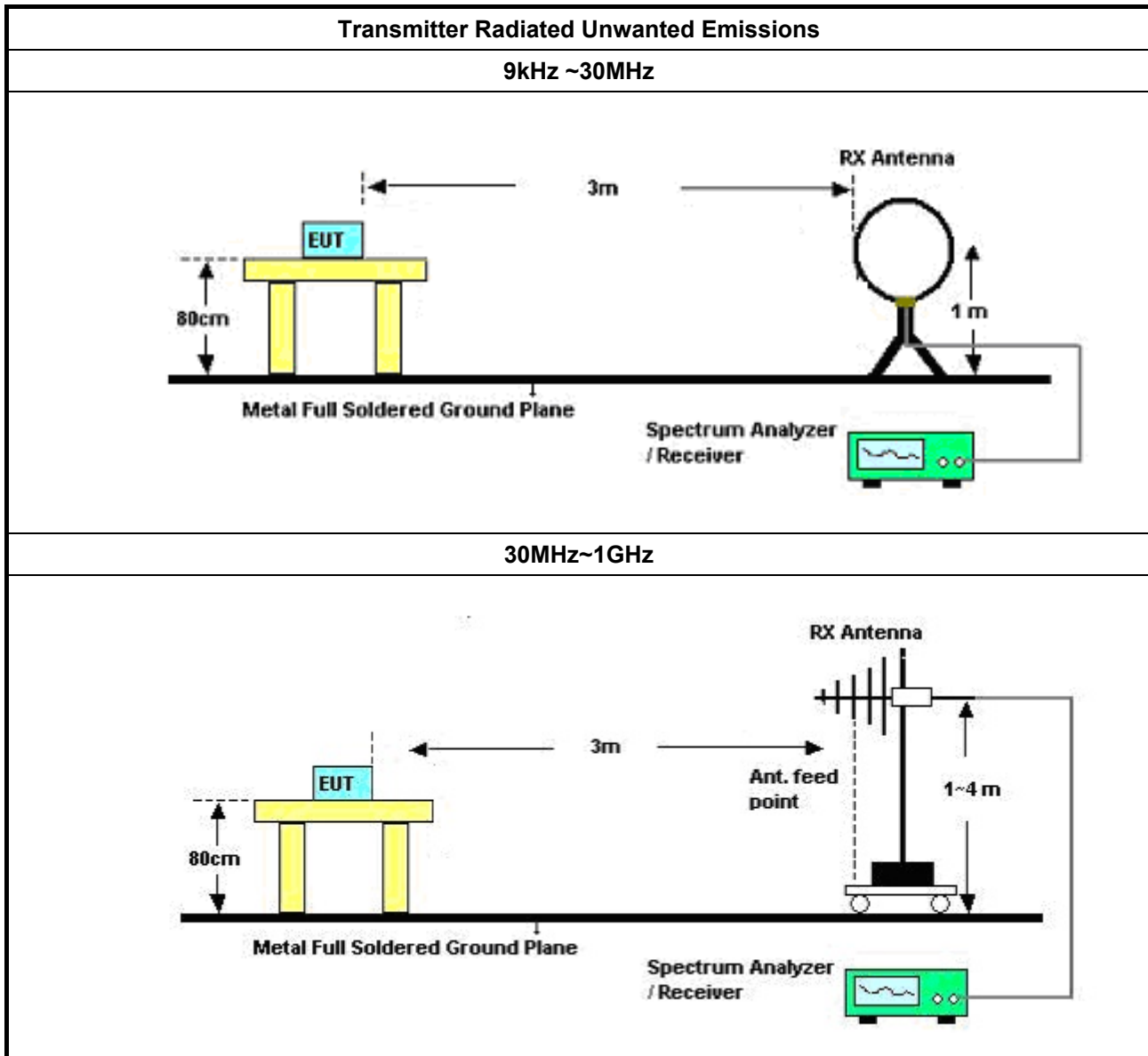
Refer a test equipment and calibration data table in this test report.

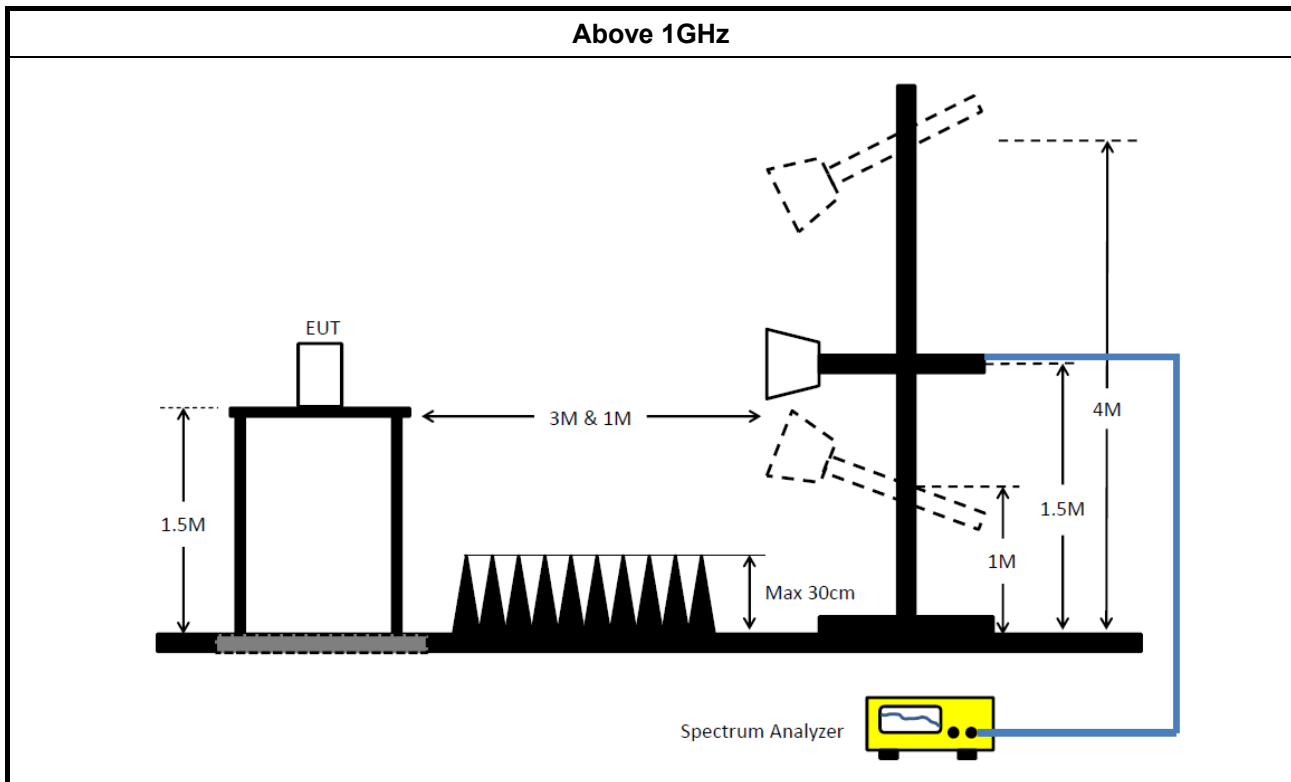


3.5.3 Test Procedures

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)
Bilog Antenna with 6 dB attenuator	TESEQ & EMC1	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 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)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 17, 2024	Jan. 16, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 23	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-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. 18, 2024	Oct. 17, 2025	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. 01, 2024	Sep. 30, 2025	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. 01, 2024	Sep. 30, 2025	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. 01, 2024	Sep. 30, 2025	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.



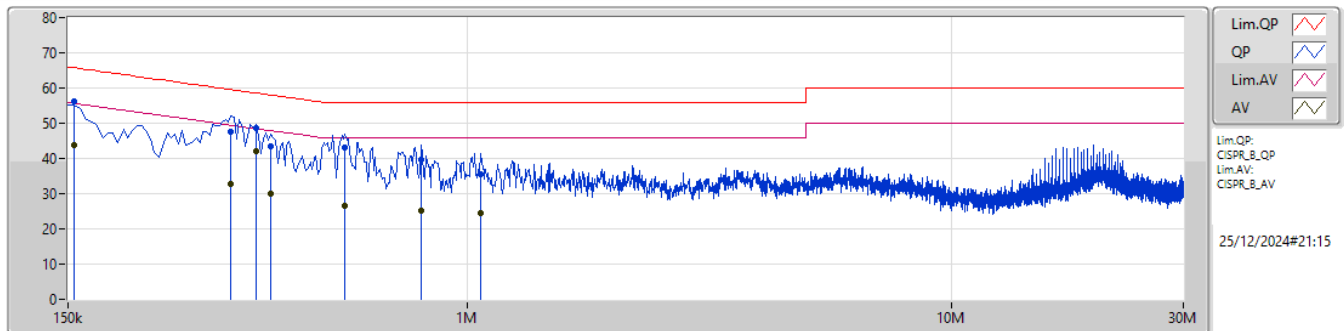
Conducted Emissions at Powerline

Appendix A

Summary

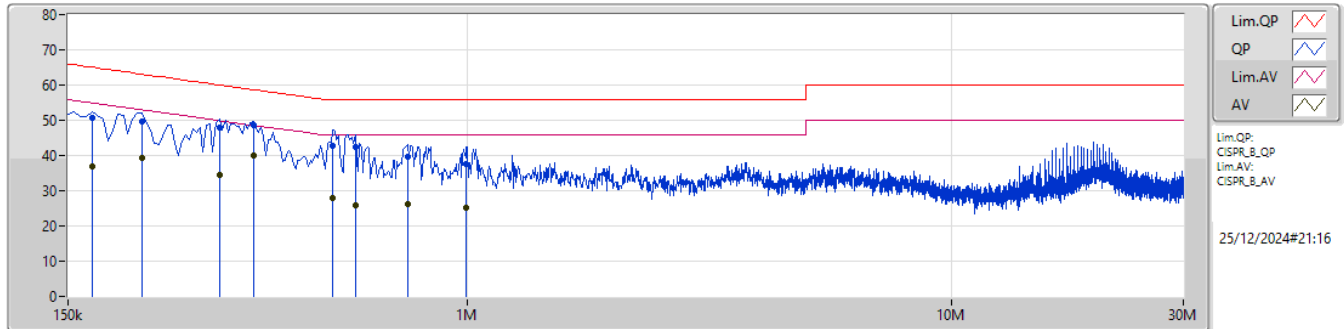
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	366k	42.05	48.60	-6.55	Line

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	56.33	65.75	-9.42	10.04	Line	-	46.29	0.04	0.08	9.92						
AV	154.5k	43.89	55.75	-11.86	10.04	Line	-	33.85	0.04	0.08	9.92						
QP	325.5k	47.69	59.56	-11.87	10.17	Line	-	37.52	0.05	0.09	10.03						
AV	325.5k	32.82	49.56	-16.74	10.17	Line	-	22.65	0.05	0.09	10.03						
QP	366k	48.74	58.60	-9.86	10.20	Line	-	38.54	0.05	0.10	10.05						
AV	366k	42.05	48.60	-6.55	10.20	Line	"Worst"	31.85	0.05	0.10	10.05						
QP	393k	43.35	58.01	-14.66	10.21	Line	-	33.14	0.05	0.10	10.06						
AV	393k	30.06	48.01	-17.95	10.21	Line	-	19.85	0.05	0.10	10.06						
QP	559.5k	43.15	56.00	-12.85	10.26	Line	-	32.89	0.06	0.10	10.10						
AV	559.5k	26.69	46.00	-19.31	10.26	Line	-	16.43	0.06	0.10	10.10						
QP	802.5k	39.69	56.00	-16.31	10.30	Line	-	29.39	0.07	0.09	10.14						
AV	802.5k	25.21	46.00	-20.79	10.30	Line	-	14.91	0.07	0.09	10.14						
QP	1.068M	35.47	56.00	-20.53	10.30	Line	-	25.17	0.07	0.09	10.14						
AV	1.068M	24.40	46.00	-21.60	10.30	Line	-	14.10	0.07	0.09	10.14						

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	168k	50.79	65.06	-14.27	10.07	Neutral	-	40.72	0.06	0.08	9.93						
AV	168k	36.85	55.06	-18.21	10.07	Neutral	-	26.78	0.06	0.08	9.93						
QP	213k	49.78	63.09	-13.31	10.09	Neutral	-	39.69	0.06	0.07	9.96						
AV	213k	39.29	53.09	-13.80	10.09	Neutral	-	29.20	0.06	0.07	9.96						
QP	307.5k	47.99	60.03	-12.04	10.17	Neutral	-	37.82	0.06	0.09	10.02						
AV	307.5k	34.63	50.03	-15.40	10.17	Neutral	-	24.46	0.06	0.09	10.02						
QP	361.5k	48.47	58.70	-10.23	10.20	Neutral	-	38.27	0.06	0.10	10.04						
AV	361.5k	39.95	48.70	-8.75	10.20	Neutral	"Worst"	29.75	0.06	0.10	10.04						
QP	528k	42.78	56.00	-13.22	10.26	Neutral	-	32.52	0.07	0.10	10.09						
AV	528k	27.87	46.00	-18.13	10.26	Neutral	-	17.61	0.07	0.10	10.09						
QP	586.5k	42.37	56.00	-13.63	10.27	Neutral	-	32.10	0.07	0.10	10.10						
AV	586.5k	25.79	46.00	-20.21	10.27	Neutral	-	15.52	0.07	0.10	10.10						
QP	753k	39.60	56.00	-16.40	10.29	Neutral	-	29.31	0.07	0.09	10.13						
AV	753k	26.34	46.00	-19.66	10.29	Neutral	-	16.05	0.07	0.09	10.13						
QP	996k	37.42	56.00	-18.58	10.33	Neutral	-	27.09	0.08	0.09	10.16						
AV	996k	25.07	46.00	-20.93	10.33	Neutral	-	14.74	0.08	0.09	10.16						

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	16.858M	16M9D1D	16.06M	16.512M
802.11be EHT20_Nss1,(MCS0)_4TX	19.14M	19.086M	19M1D1D	18.755M	18.967M
802.11be EHT40_Nss1,(MCS0)_4TX	38.28M	38.245M	38M2D1D	38.17M	37.768M
802.11be EHT80_Nss1,(MCS0)_4TX	78.32M	78.305M	78M3D1D	77.88M	77.861M
802.11be EHT160_Nss1,(MCS0)_4TX	158.4M	157.018M	157MD1D	158.4M	156.554M

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

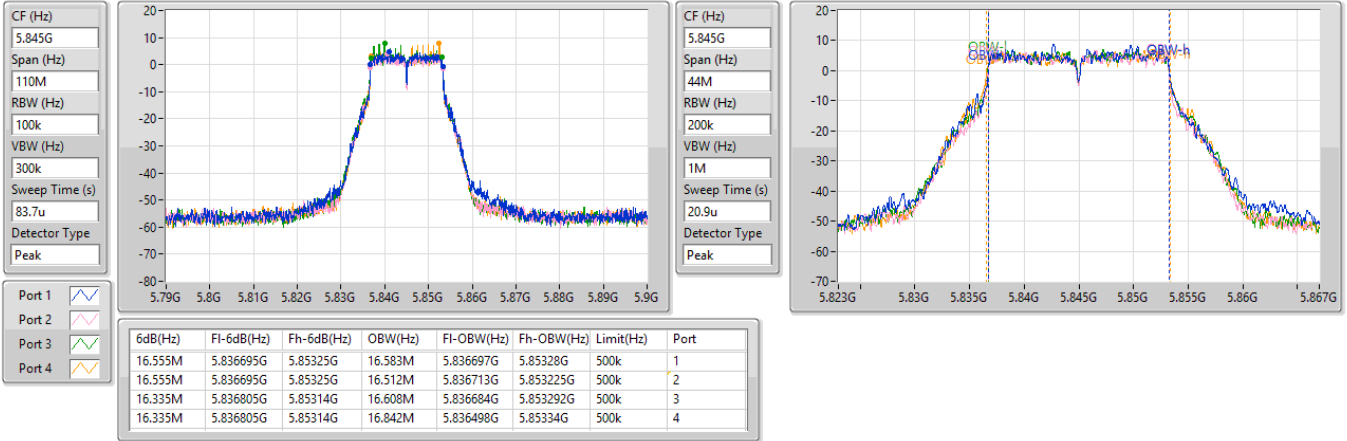
Result

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	16.555M	16.583M	16.555M	16.512M	16.335M	16.608M	16.335M	16.842M
5865MHz	Pass	500k	16.445M	16.798M	16.5M	16.631M	16.555M	16.687M	16.445M	16.858M
5885MHz	Pass	500k	16.5M	16.707M	16.5M	16.662M	16.06M	16.639M	16.555M	16.573M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5845MHz	Pass	500k	19.085M	19.086M	18.81M	19.053M	19.085M	18.996M	19.085M	19.017M
5865MHz	Pass	500k	19.085M	18.982M	19.085M	19.047M	19.14M	19.062M	18.755M	18.976M
5885MHz	Pass	500k	19.085M	19.032M	19.03M	18.967M	19.085M	18.97M	19.085M	19.037M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5835MHz	Pass	500k	38.17M	37.96M	38.17M	37.864M	38.17M	37.768M	38.17M	38.088M
5875MHz	Pass	500k	38.17M	38.075M	38.28M	38.062M	38.17M	38.245M	38.17M	37.954M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5855MHz	Pass	500k	78.32M	78.12M	78.32M	77.93M	77.88M	78.305M	78.1M	77.861M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5815MHz	Pass	500k	158.4M	156.629M	158.4M	157.018M	158.4M	156.771M	158.4M	156.554M

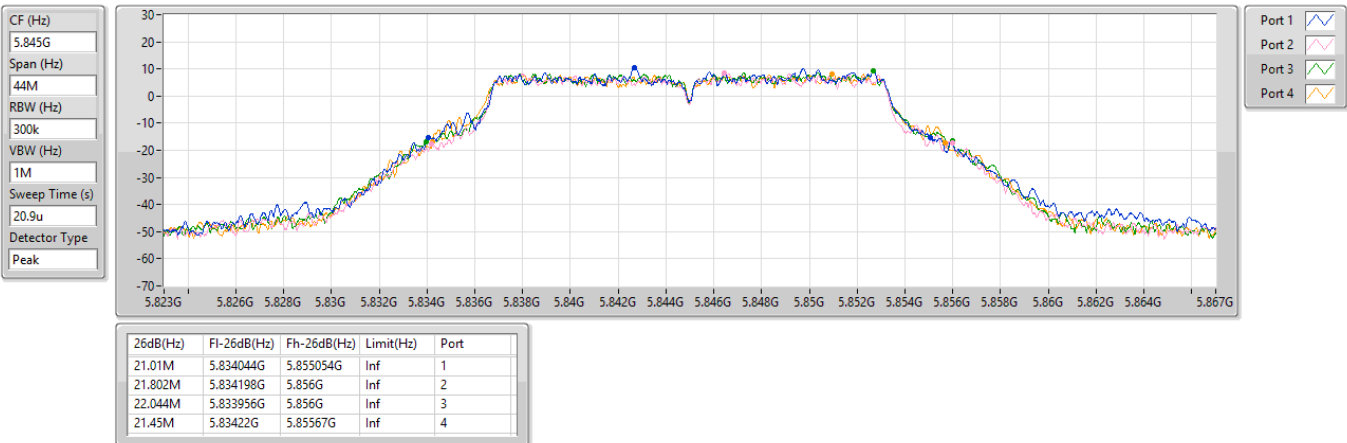
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5845MHz

07/01/2025


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5845MHz

07/01/2025

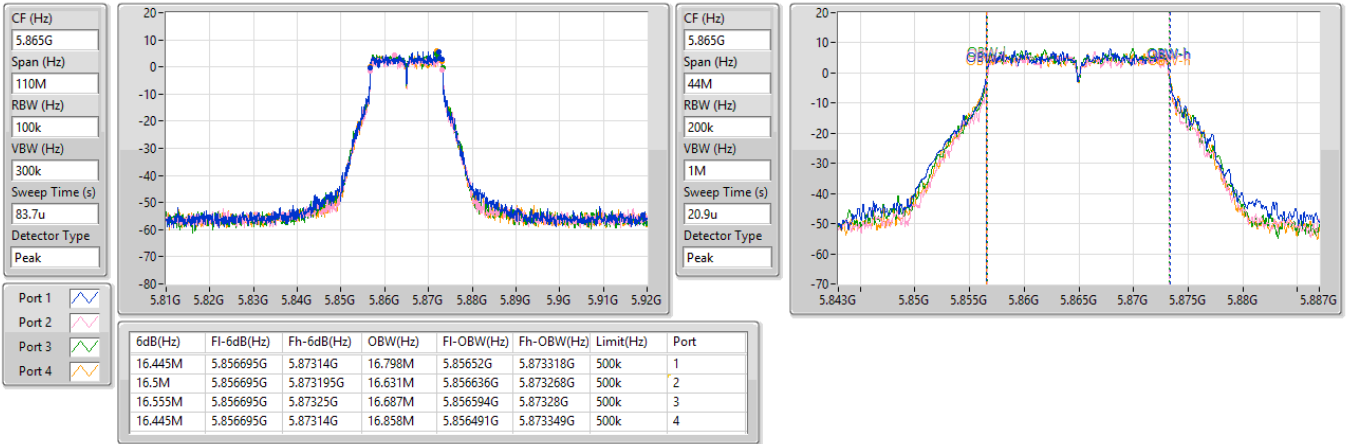


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5865MHz

07/01/2025

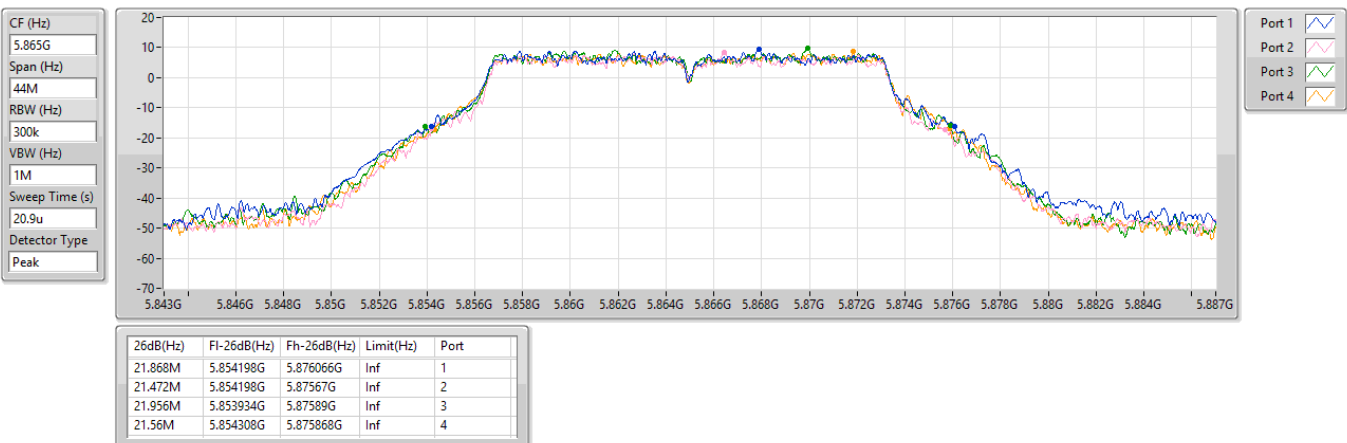


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5865MHz

07/01/2025

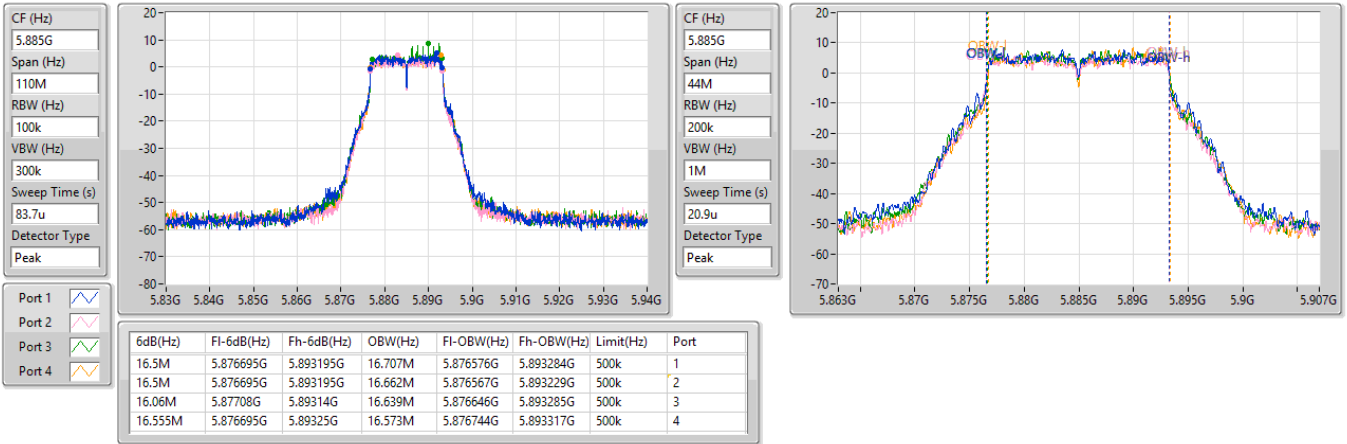


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5885MHz

07/01/2025

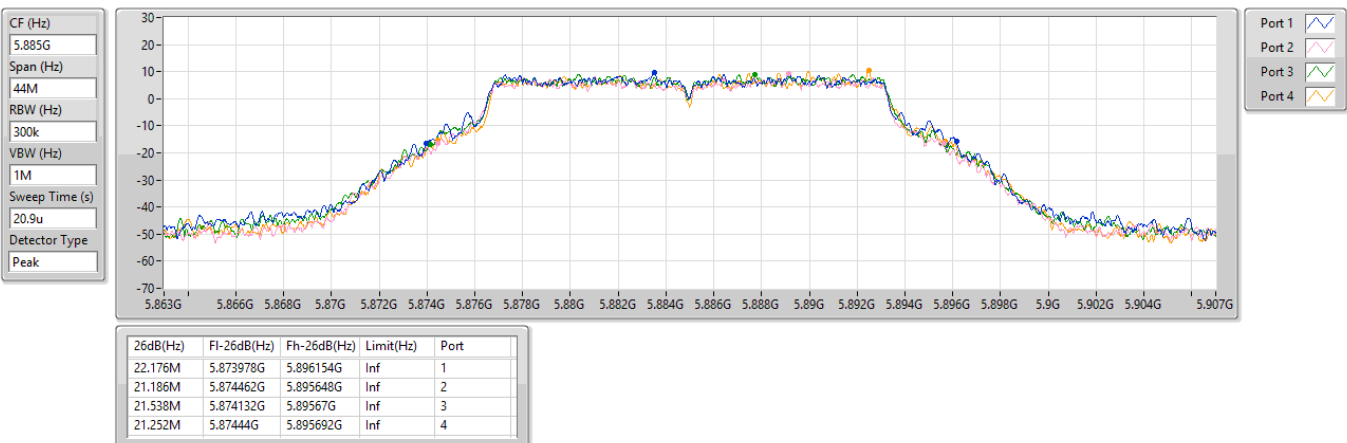


5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5885MHz

07/01/2025

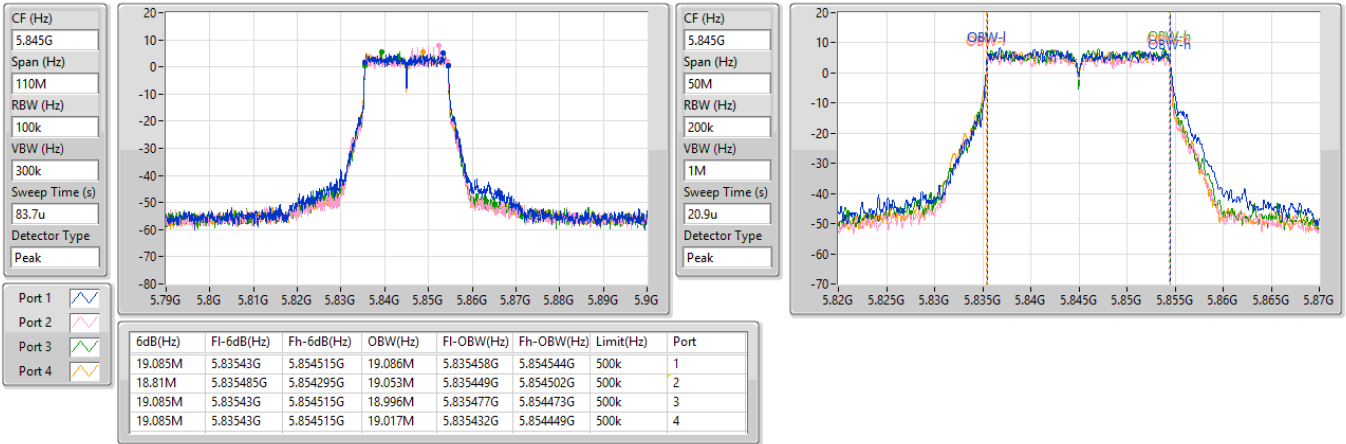


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5845MHz

07/01/2025

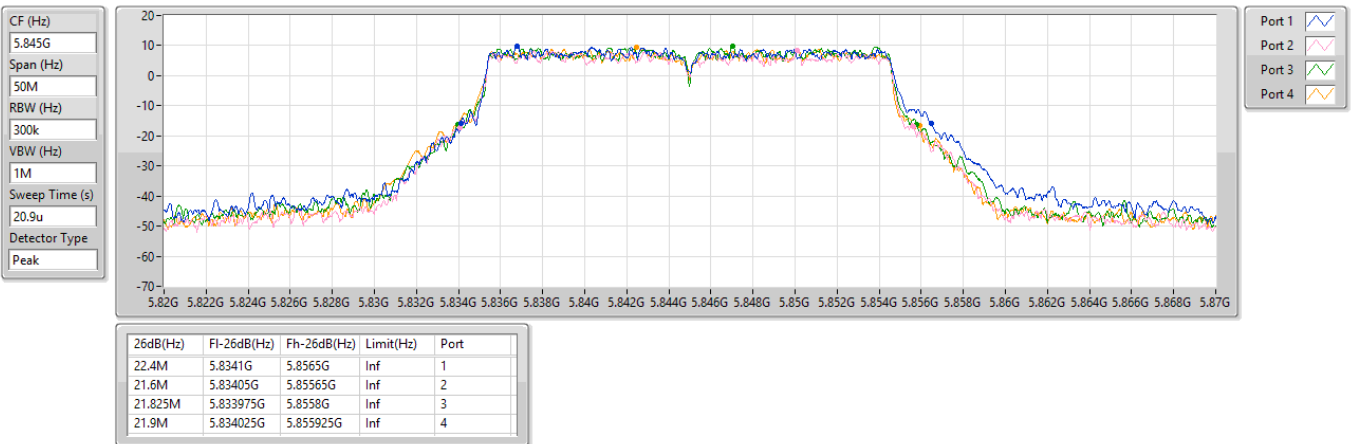


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

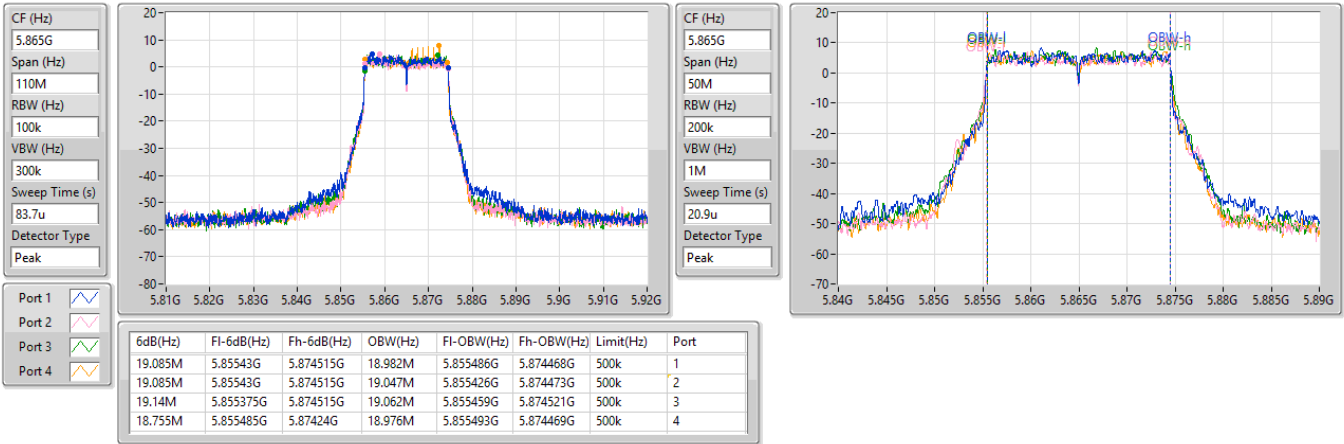
5845MHz

07/01/2025

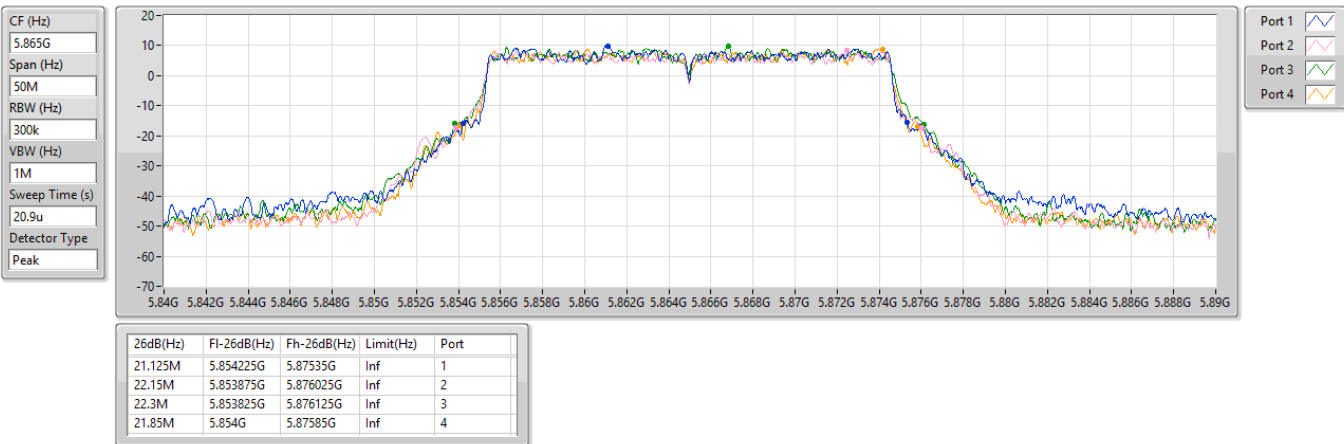


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5865MHz

07/01/2025


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

07/01/2025

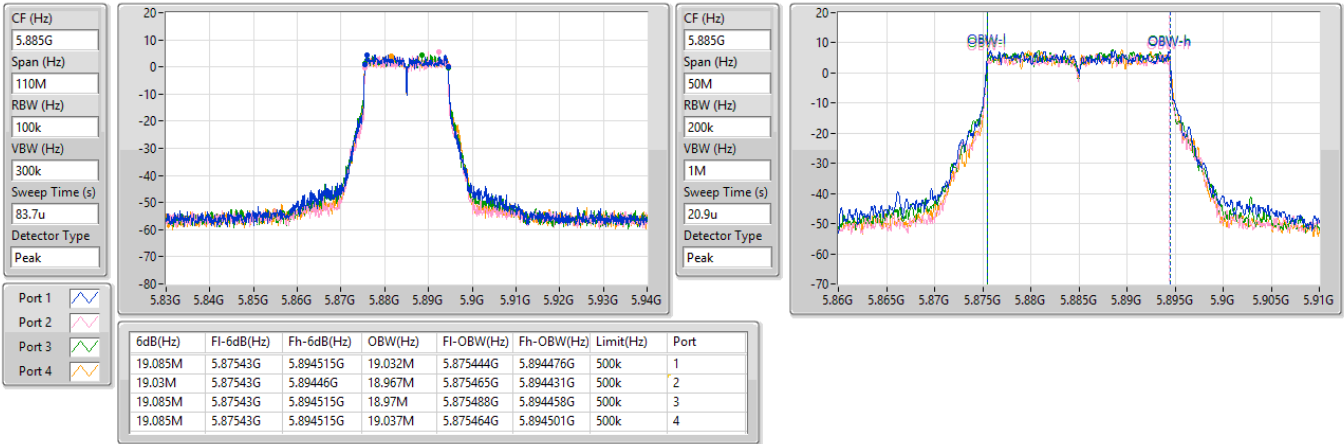


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5885MHz

07/01/2025

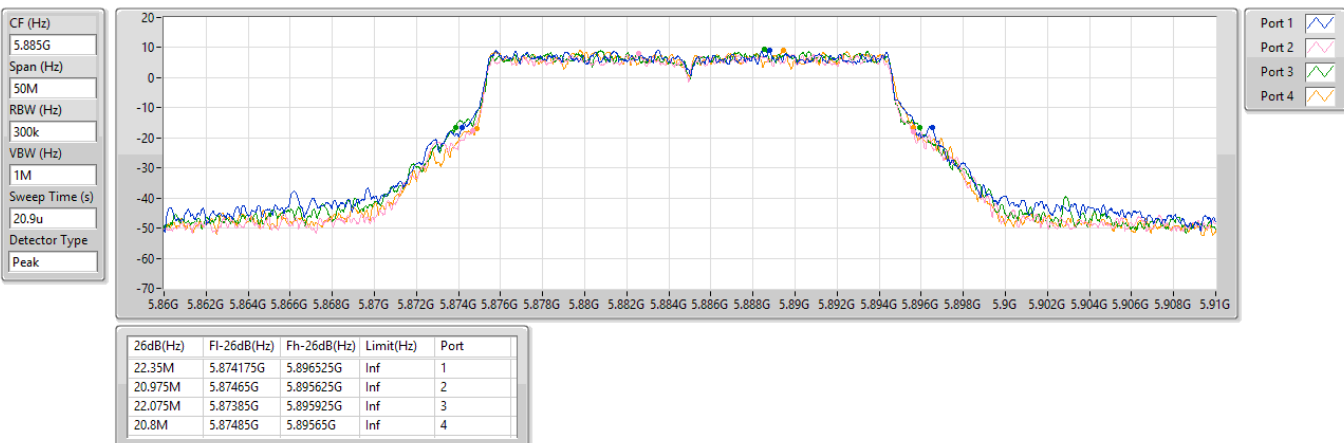


5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5885MHz

07/01/2025

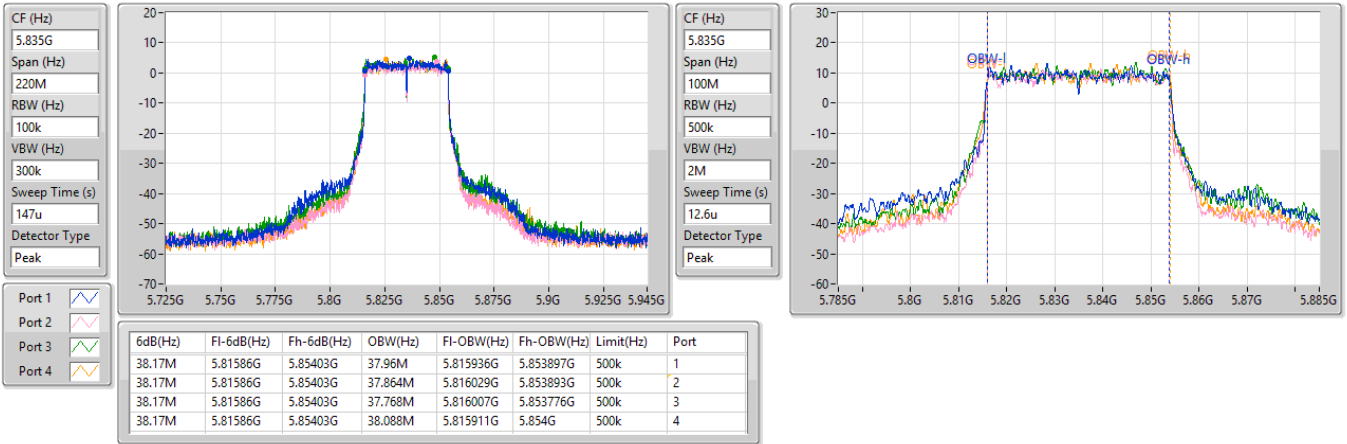


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5835MHz

07/01/2025

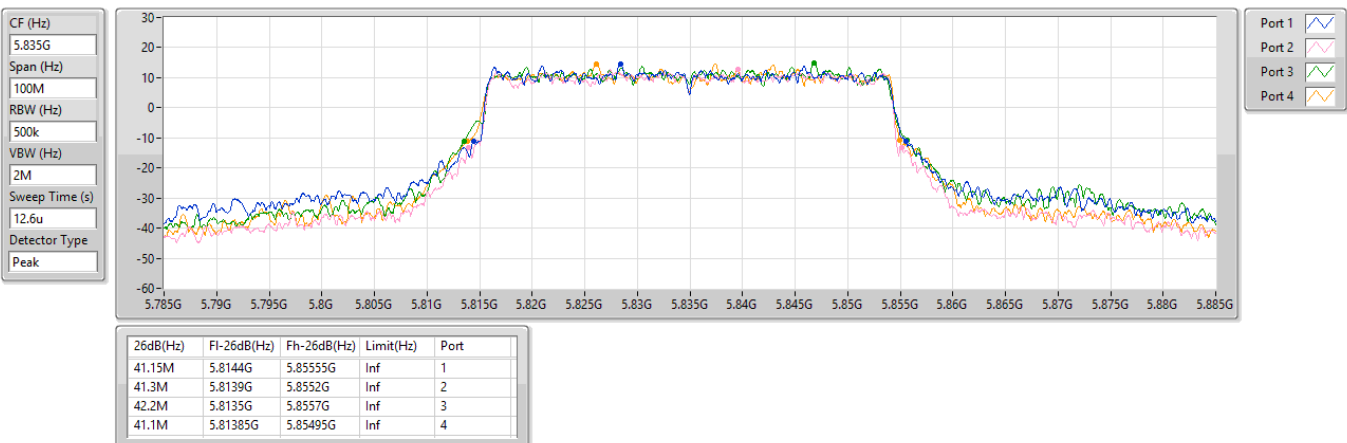


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5835MHz

07/01/2025

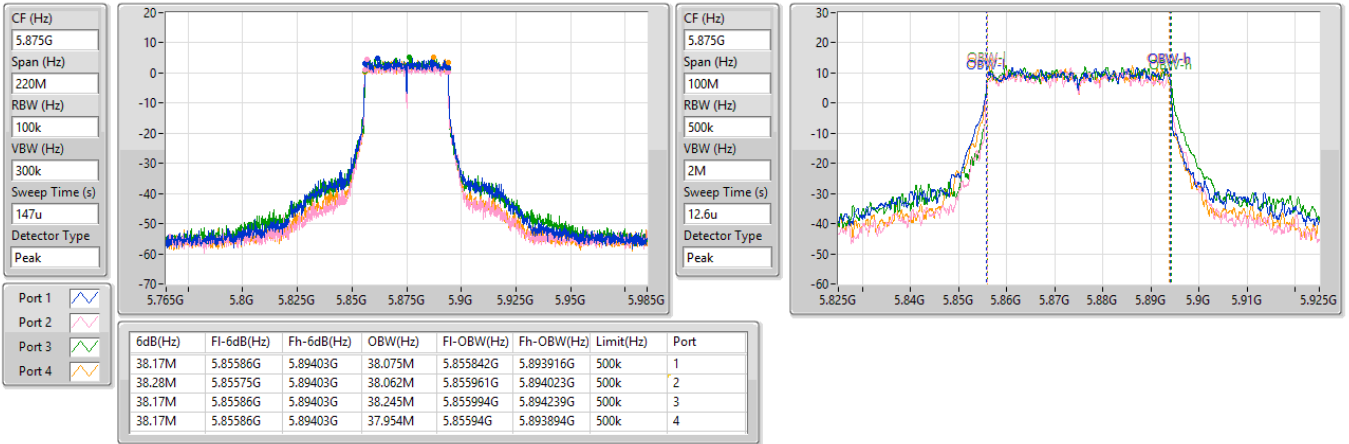


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5875MHz

07/01/2025

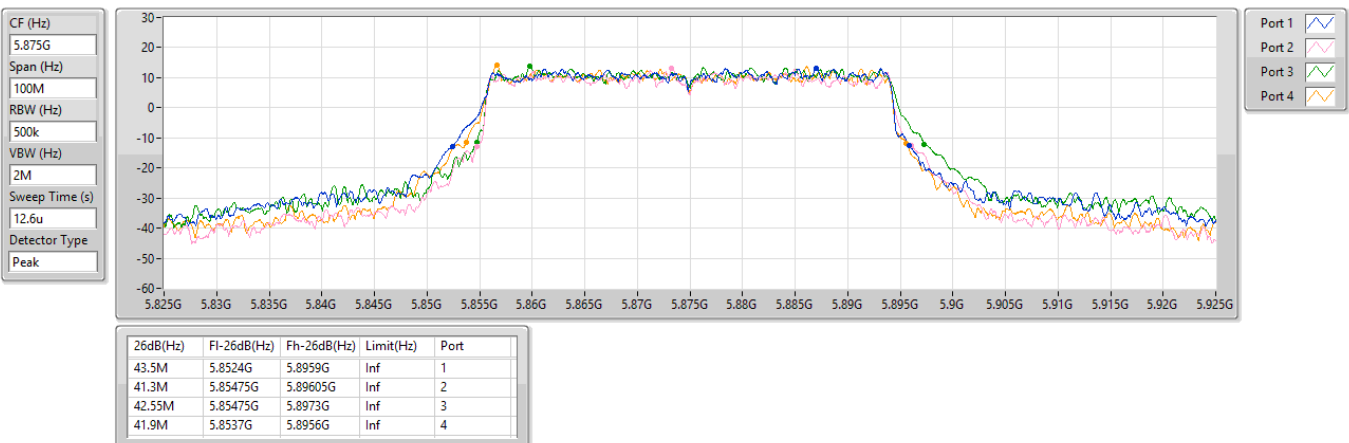


5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5875MHz

07/01/2025

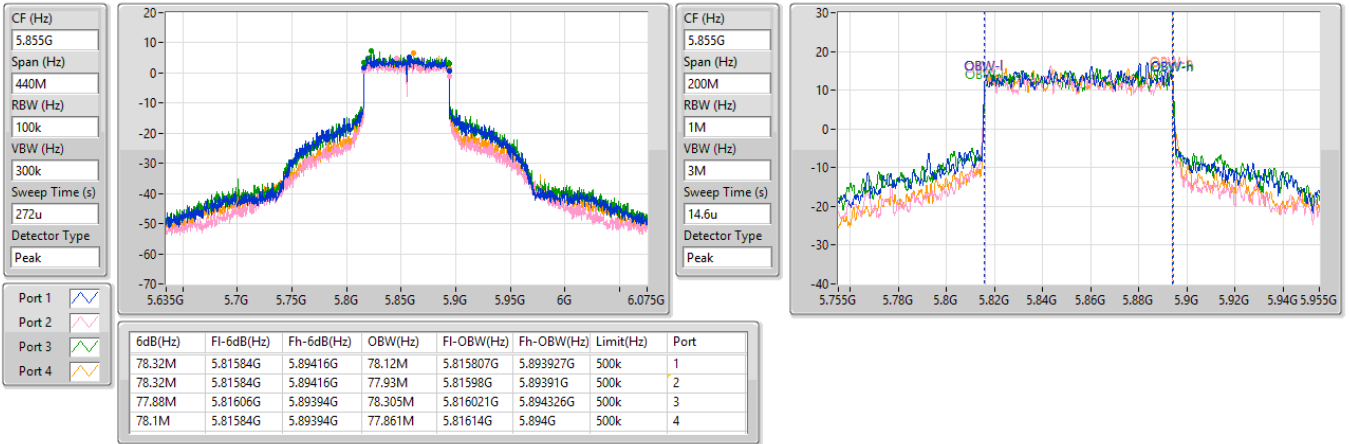


5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5855MHz

07/01/2025

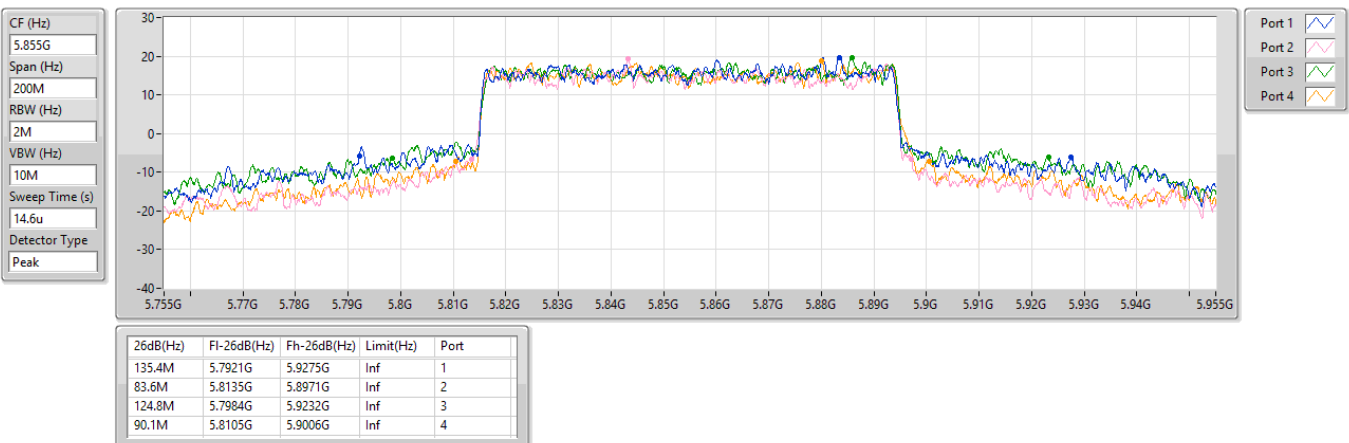


5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5855MHz

07/01/2025

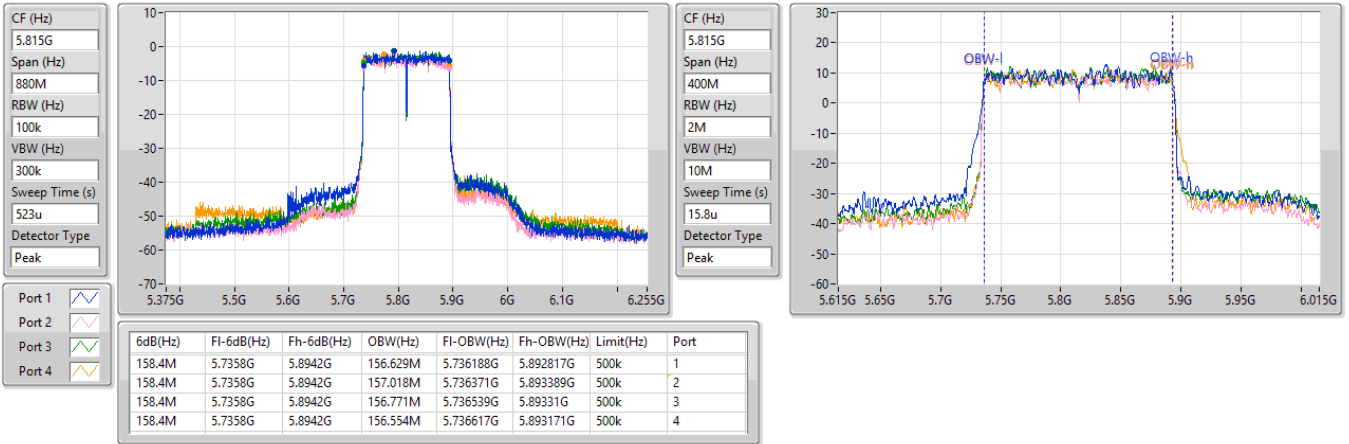


5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5815MHz

07/01/2025

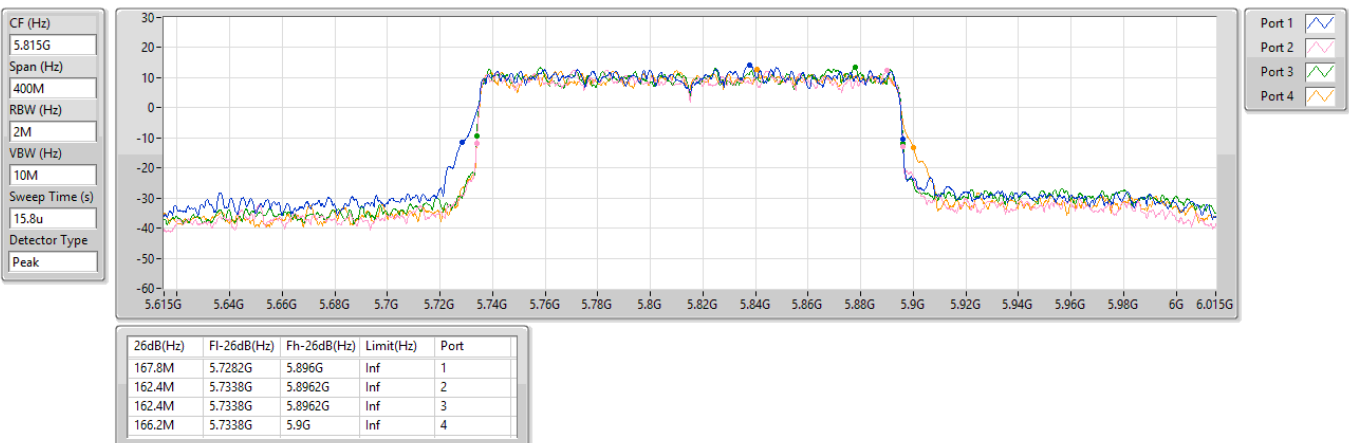


5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5815MHz

07/01/2025



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	24.96	0.31333	29.36	0.86298
802.11be EHT20_Nss1,(MCS0)_4TX	25.47	0.35237	29.87	0.97051
802.11be EHT20-BF_Nss1,(MCS0)_4TX	25.47	0.35237	33.52	2.24905
802.11be EHT40_Nss1,(MCS0)_4TX	27.97	0.62661	32.37	1.72584
802.11be EHT40-BF_Nss1,(MCS0)_4TX	27.70	0.58884	35.75	3.75837
802.11be EHT80_Nss1,(MCS0)_4TX	31.38	1.37404	35.78	3.78443
802.11be EHT80-BF_Nss1,(MCS0)_4TX	27.45	0.55590	35.50	3.54813
802.11be EHT160_Nss1,(MCS0)_4TX	27.15	0.51880	31.55	1.42889
802.11be EHT160-BF_Nss1,(MCS0)_4TX	27.15	0.51880	35.20	3.31131

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	4.40	19.21	18.37	19.10	18.77	24.90	29.30	36.00
5865MHz	Pass	4.40	19.31	18.40	19.19	18.73	24.94	29.34	36.00
5885MHz	Pass	4.40	19.30	18.39	19.31	18.70	24.96	29.36	36.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	4.40	19.68	18.90	19.80	19.37	25.47	29.87	36.00
5865MHz	Pass	4.40	19.36	18.49	19.39	18.83	25.05	29.45	36.00
5885MHz	Pass	4.40	19.31	18.47	19.45	18.85	25.06	29.46	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	4.40	22.23	21.20	22.26	22.01	27.97	32.37	36.00
5875MHz	Pass	4.40	22.31	21.32	22.30	21.76	27.96	32.36	36.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5855MHz	Pass	4.40	25.76	24.60	25.82	25.14	31.38	35.78	36.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5815MHz	Pass	4.40	21.50	20.50	21.44	21.00	27.15	31.55	36.00
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	8.05	19.68	18.90	19.80	19.37	25.47	33.52	36.00
5865MHz	Pass	8.05	19.36	18.49	19.39	18.83	25.05	33.10	36.00
5885MHz	Pass	8.05	19.31	18.47	19.45	18.85	25.06	33.11	36.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	8.05	21.62	21.45	21.81	21.12	27.53	35.58	36.00
5875MHz	Pass	8.05	21.80	21.61	22.03	21.22	27.70	35.75	36.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5855MHz	Pass	8.05	21.61	21.40	21.71	20.97	27.45	35.50	36.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5815MHz	Pass	8.05	21.50	20.50	21.44	21.00	27.15	35.20	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	11.89	19.94
802.11be EHT20_Nss1,(MCS0)_4TX	11.82	19.87
802.11be EHT40_Nss1,(MCS0)_4TX	11.49	19.54
802.11be EHT80_Nss1,(MCS0)_4TX	11.67	19.72
802.11be EHT160_Nss1,(MCS0)_4TX	4.37	12.42

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	8.05	6.12	5.25	6.11	5.85	11.82	19.87	20.00
5865MHz	Pass	8.05	6.25	5.54	6.11	5.76	11.85	19.90	20.00
5885MHz	Pass	8.05	6.24	5.41	6.22	5.85	11.89	19.94	20.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	8.05	6.16	5.30	6.15	5.73	11.82	19.87	20.00
5865MHz	Pass	8.05	5.87	5.11	5.81	5.41	11.53	19.58	20.00
5885MHz	Pass	8.05	5.80	4.89	5.83	5.45	11.49	19.54	20.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	8.05	5.67	4.93	5.93	5.48	11.49	19.54	20.00
5875MHz	Pass	8.05	5.84	4.76	6.06	5.32	11.48	19.53	20.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5855MHz	Pass	8.05	6.11	4.95	6.21	5.58	11.67	19.72	20.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5815MHz	Pass	8.05	-1.15	-2.34	-1.13	-1.65	4.37	12.42	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

07/01/2025

CF (Hz)
5.845G

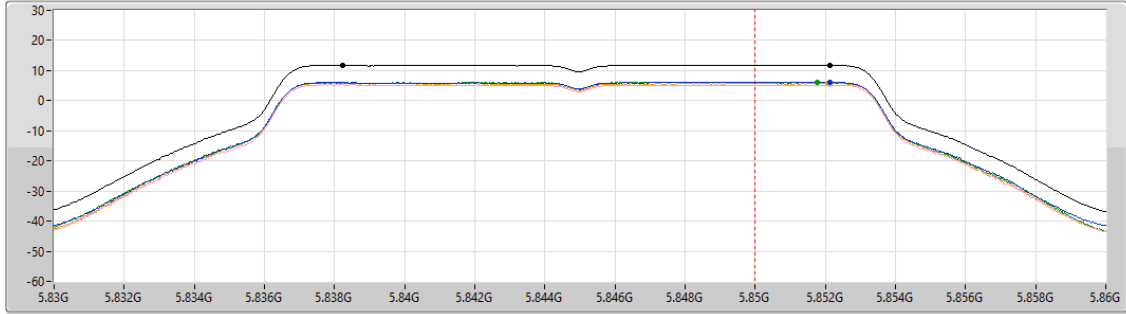
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.946

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.80	8.79	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)
11.82	11.82	6.12	5.25	6.11	5.85

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

PSD

5865MHz

07/01/2025

CF (Hz)
5.865G

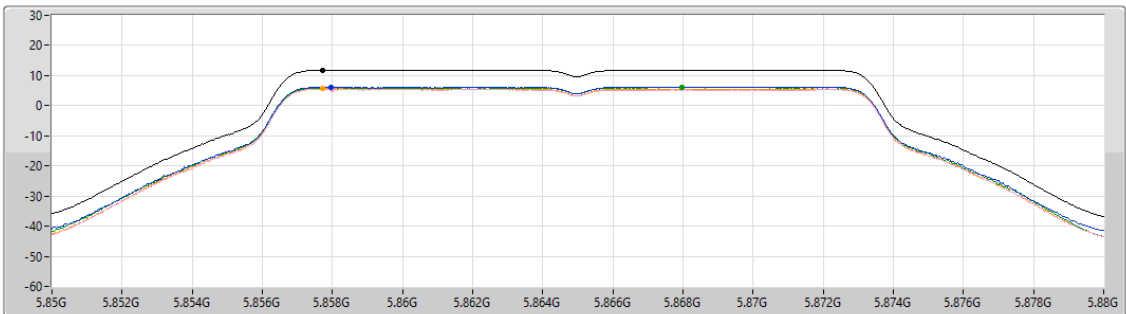
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.946

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.85	11.85	6.25	5.54	6.11	5.76

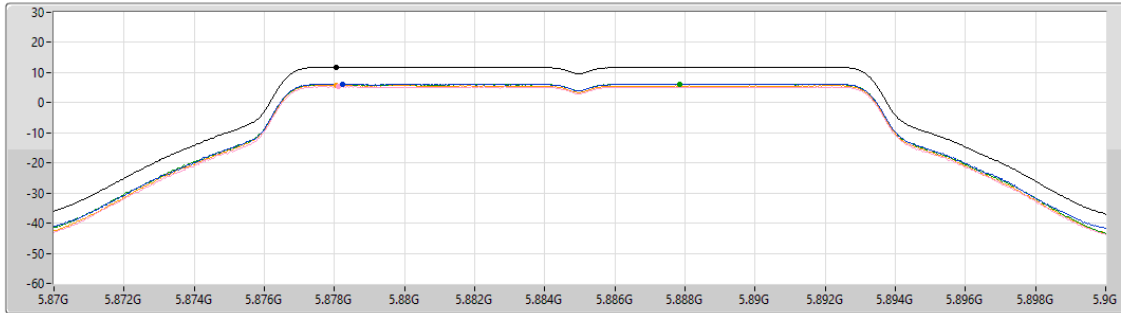
5.725-5.895GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5885MHz

07/01/2025

CF (Hz)
5.885G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.946
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.89	11.89	6.24	5.41	6.22	5.85

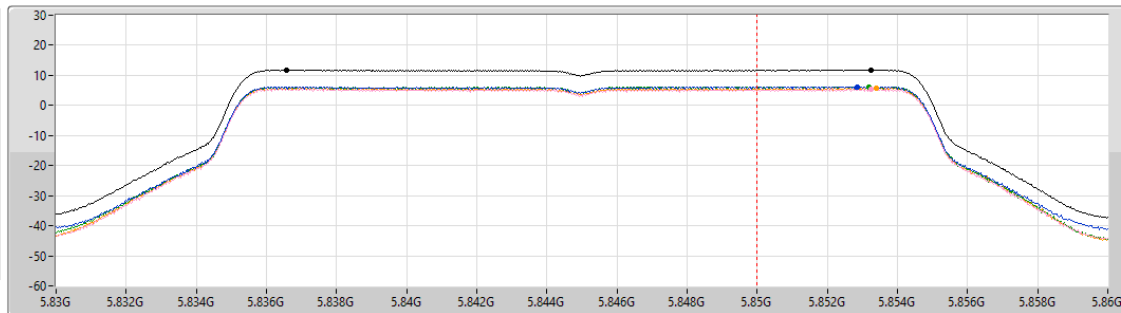
5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5845MHz

07/01/2025

CF (Hz)
5.845G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.339
Detector Type
RMS



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.82	8.81	500k	-3.01

5850-5895MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.82	11.82	6.16	5.30	6.15	5.73

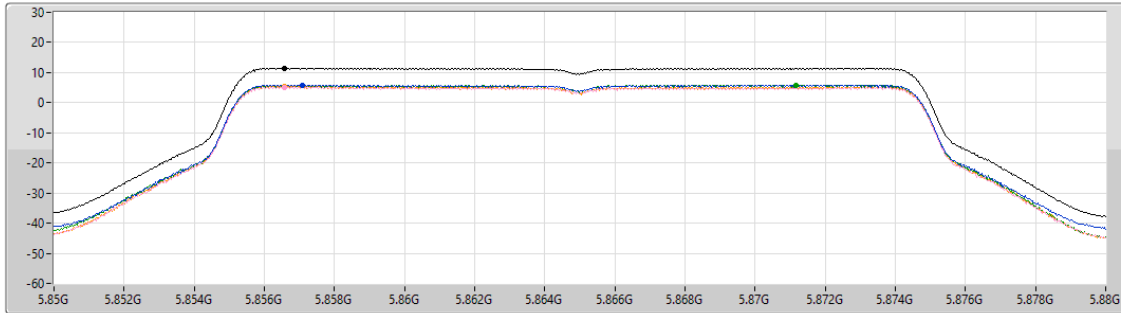
5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5865MHz

07/01/2025

CF (Hz)
5.865G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.339
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.53	11.53	5.87	5.11	5.81	5.41

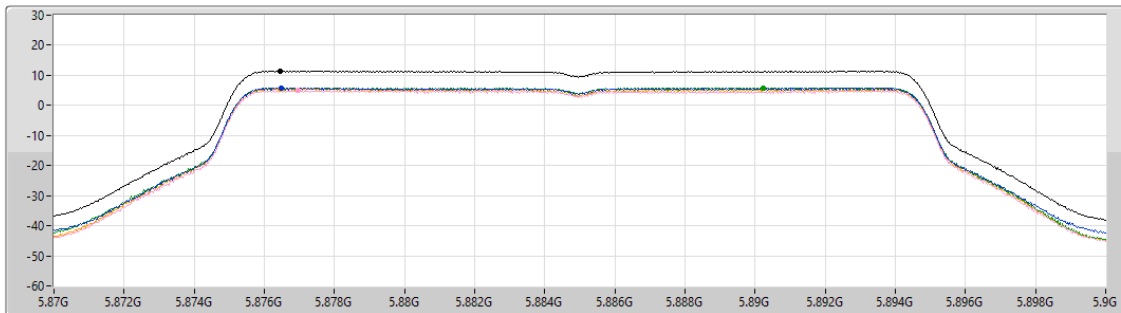
5.725-5.895GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5885MHz

07/01/2025

CF (Hz)
5.885G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.339
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.49	11.49	5.80	4.89	5.83	5.45

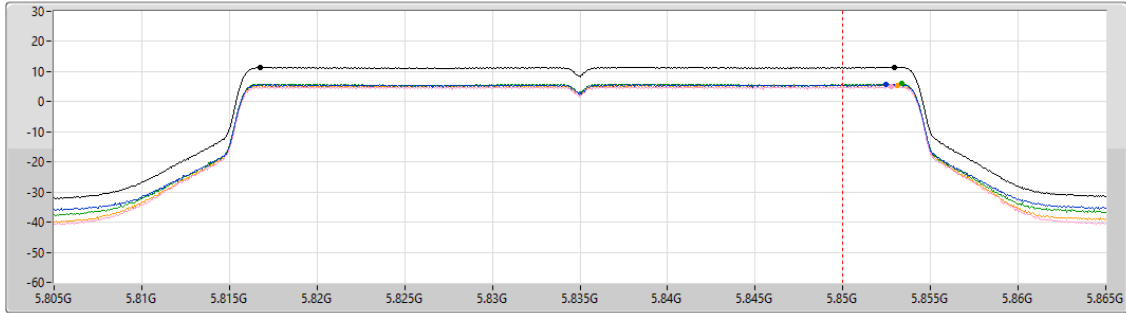
5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5835MHz

07/01/2025

CF (Hz)
5.835G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.073
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.42	8.41	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)
11.49	11.49	5.67	4.93	5.93	5.48

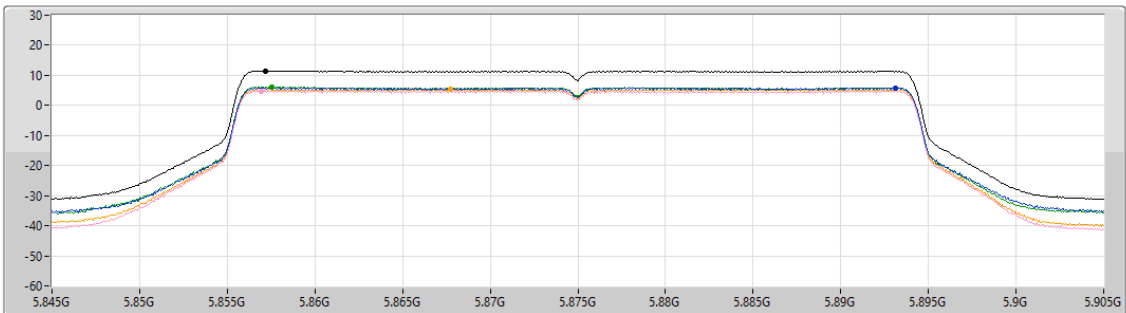
5.725-5.895GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5875MHz

07/01/2025

CF (Hz)
5.875G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.073
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

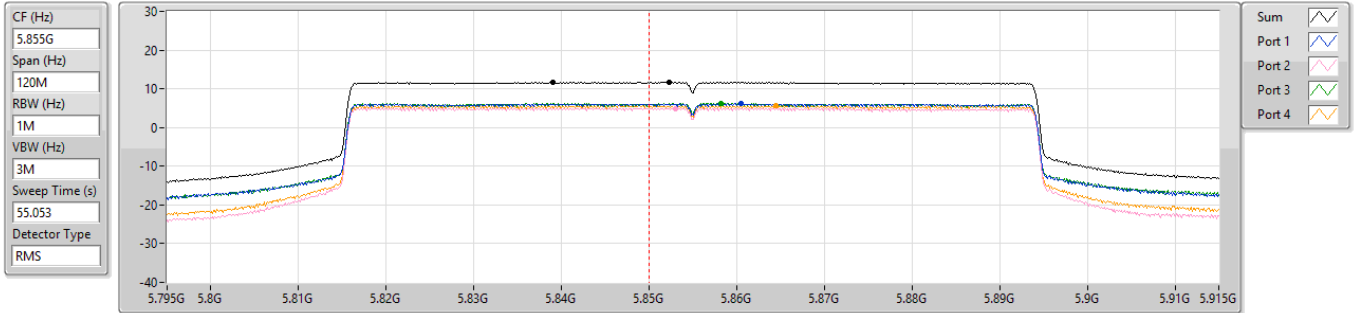
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.48	11.48	5.84	4.76	6.06	5.32

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5855MHz

07/01/2025



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
11.64	8.63	500k	-3.01

5850-5895MHz

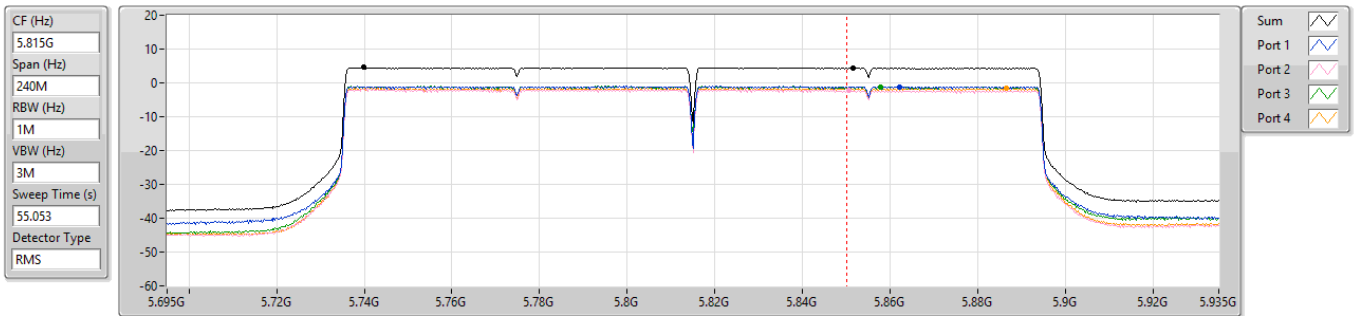
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.67	11.67	6.11	4.95	6.21	5.58

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5815MHz

07/01/2025



5725-5850MHz

Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
4.55	1.54	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)
4.37	4.37	-1.15	-2.34	-1.13	-1.65



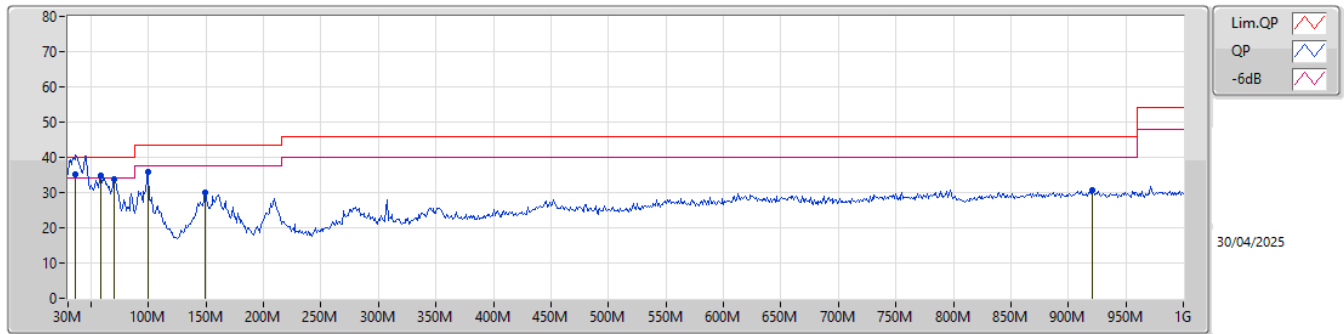
Radiated Emissions below 1GHz

Appendix E.1

Summary

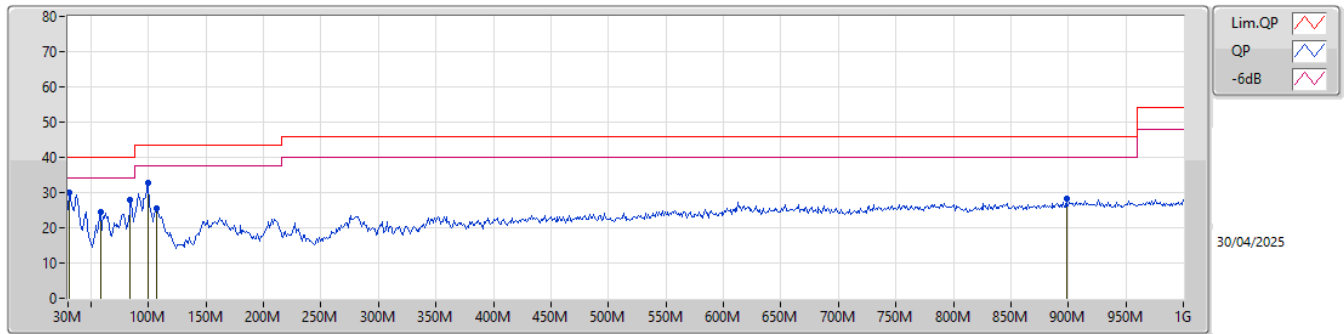
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	36.79M	35.21	40.00	-4.79	Vertical

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	36.79M	35.21	40.00	-4.79	-11.13	3	Vertical	-1	1.00	"Worst"	46.34	20.57	0.58	32.28		
PK	58.13M	34.68	40.00	-5.32	-19.28	3	Vertical	8	1.25	-	53.96	12.32	0.74	32.34		
PK	69.77M	33.94	40.00	-6.06	-19.42	3	Vertical	78	1.25	-	53.36	12.18	0.87	32.47		
PK	99.84M	35.90	43.50	-7.60	-14.48	3	Vertical	333	1.25	-	50.38	16.59	1.02	32.09		
PK	149.31M	29.98	43.50	-13.52	-14.63	3	Vertical	179	1.00	-	44.61	16.44	1.22	32.29		
PK	920.46M	30.74	46.00	-15.26	-1.14	3	Vertical	24	1.25	-	31.88	26.40	3.06	30.60		

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	30.97M	30.10	40.00	-9.90	-8.06	3	Horizontal	228	1.25	"Worst"	38.16	23.70	0.55	32.31		
PK	58.13M	24.53	40.00	-15.47	-19.28	3	Horizontal	110	3.00	-	43.81	12.32	0.74	32.34		
PK	84.32M	28.09	40.00	-11.91	-17.83	3	Horizontal	60	2.00	-	45.92	13.55	0.97	32.35		
PK	99.84M	32.69	43.50	-10.81	-14.48	3	Horizontal	104	2.00	-	47.17	16.59	1.02	32.09		
PK	106.63M	25.53	43.50	-17.97	-13.95	3	Horizontal	268	3.00	-	39.48	17.16	1.02	32.13		
PK	898.15M	28.28	46.00	-17.72	-1.24	3	Horizontal	0	3.00	-	29.52	26.36	3.04	30.64		

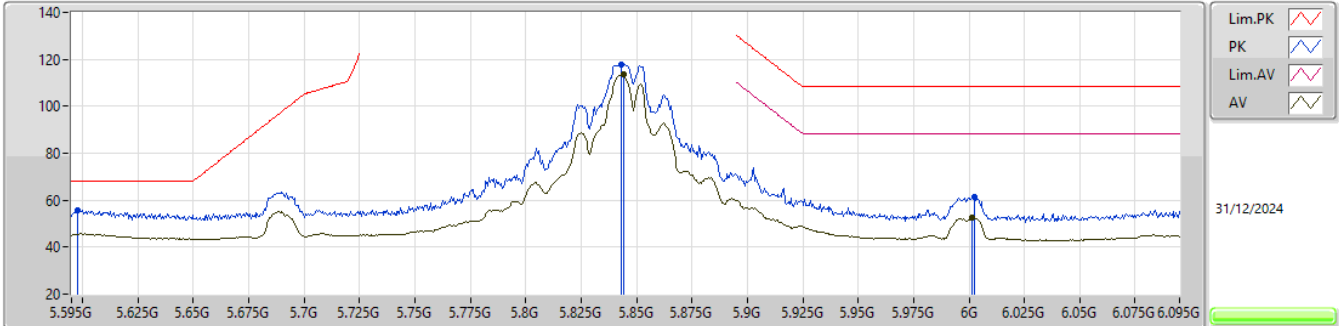


Summary

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	RMS	5.921G	88.45	91.13	-2.68	3	Vertical	25	1.80	-

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

5845MHz_TX

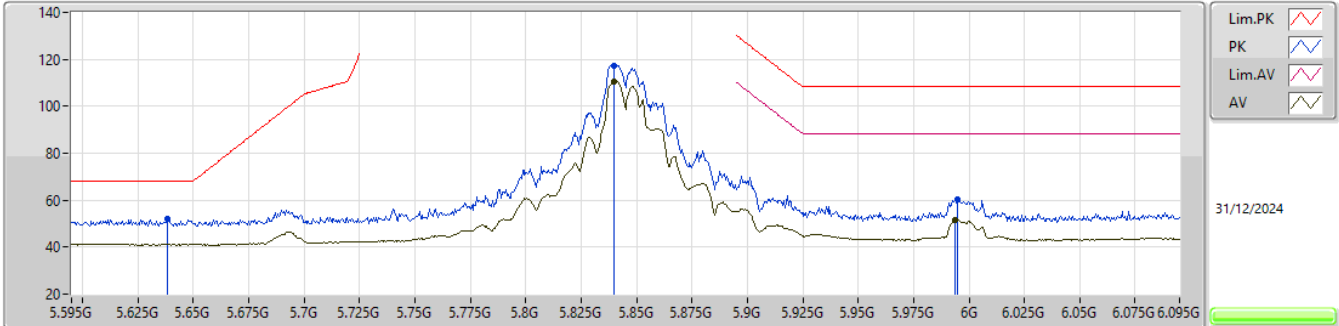


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.5975G	55.76	68.20	-12.44	61.86	3	Vertical	301	1.86	-	31.61	5.55	43.26				
PK	5.843G	117.53	Inf	-Inf	122.96	3	Vertical	301	1.86	-	32.10	5.59	43.12				
RMS	5.844G	113.42	Inf	-Inf	118.85	3	Vertical	301	1.86	-	32.10	5.59	43.12				
PK	6.0025G	61.61	108.20	-46.59	66.55	3	Vertical	301	1.86	-	32.40	5.69	43.03				
RMS	6.0015G	52.40	88.20	-35.80	57.34	3	Vertical	301	1.86	-	32.40	5.69	43.03				

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

5845MHz_TX

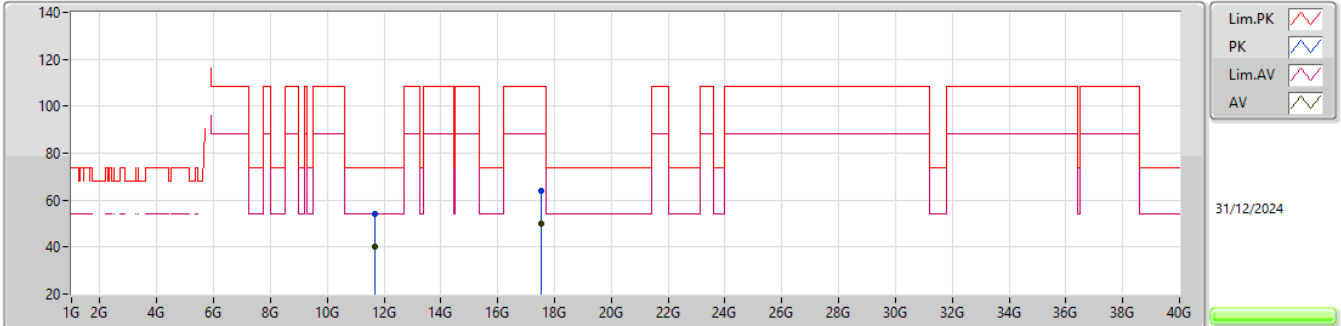


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	51.97	68.20	-16.23	57.90	3	Horizontal	24	2.16	-	31.75	5.55	43.23			
PK	5.84G	117.24	Inf	-Inf	122.67	3	Horizontal	24	2.16	-	32.10	5.59	43.12			
RMS	5.84G	110.75	Inf	-Inf	116.18	3	Horizontal	24	2.16	-	32.10	5.59	43.12			
PK	5.995G	60.14	108.20	-48.06	65.09	3	Horizontal	24	2.16	-	32.39	5.69	43.03			
RMS	5.9935G	51.58	88.20	-36.62	56.53	3	Horizontal	24	2.16	-	32.39	5.69	43.03			

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

5845MHz_TX

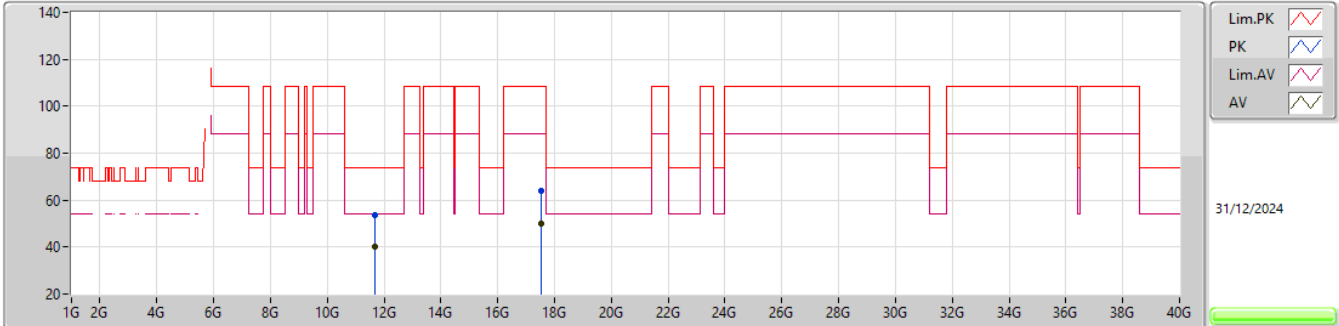


EUT_Y_4TX
Setting 28
04-D-V-1

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	11.69477G	54.34	74.00	-19.66	47.39	3	Vertical	24	1.80	-	39.41	10.62	43.08				
AV	11.68592G	40.23	54.00	-13.77	33.27	3	Vertical	24	1.80	-	39.43	10.61	43.08				
PK	17.54604G	63.75	108.20	-44.45	46.56	3	Vertical	217	1.80	-	42.86	16.50	42.17				
RMS	17.54442G	49.97	88.20	-38.23	32.81	3	Vertical	217	1.80	-	42.84	16.50	42.18				

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

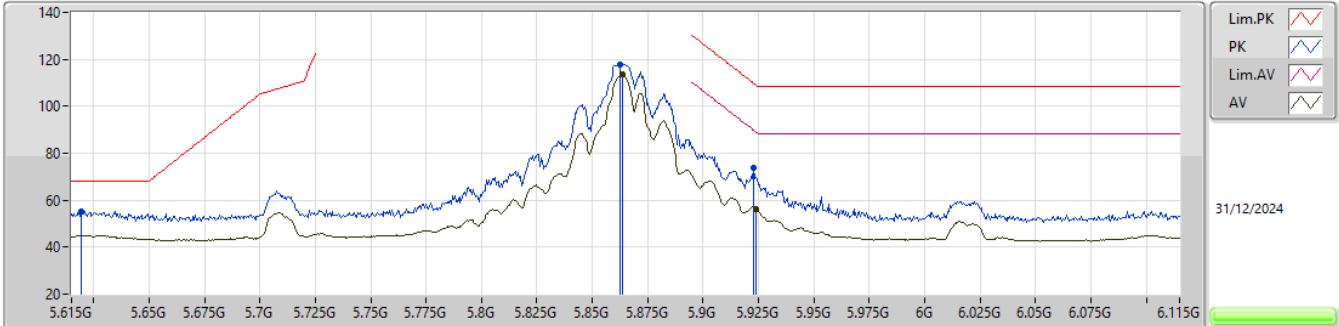
5845MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.67761G	53.76	74.00	-20.24	46.81	3	Horizontal	144	2.63	-	39.44	10.60	43.09			
AV	11.68925G	40.11	54.00	-13.89	33.16	3	Horizontal	144	2.63	-	39.42	10.61	43.08			
PK	17.53581G	64.04	108.20	-44.16	46.97	3	Horizontal	346	1.92	-	42.76	16.50	42.19			
RMS	17.54871G	50.03	88.20	-38.17	32.81	3	Horizontal	346	1.92	-	42.89	16.50	42.17			

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

5865MHz_TX

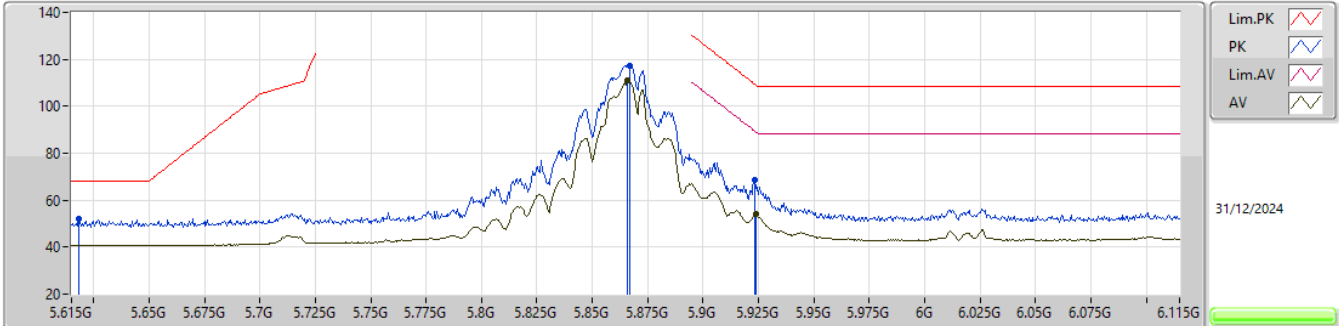


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.6195G	55.21	68.20	-12.99	61.22	3	Vertical	304	1.85	-	31.68	5.55	43.24			
PK	5.8625G	117.57	Inf	-Inf	122.93	3	Vertical	304	1.85	-	32.15	5.60	43.11			
RMS	5.8635G	113.47	Inf	-Inf	118.83	3	Vertical	304	1.85	-	32.15	5.60	43.11			
PK	5.923G	73.67	109.67	-36.00	78.80	3	Vertical	304	1.85	-	32.30	5.64	43.07			
RMS	5.924G	56.46	88.93	-32.47	61.59	3	Vertical	304	1.85	-	32.30	5.64	43.07			

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

5865MHz_TX

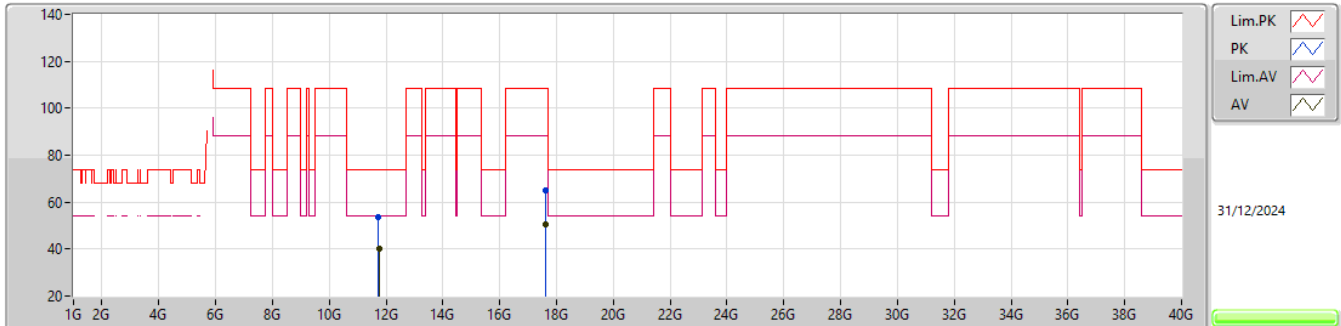


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.6185G	51.91	68.20	-16.29	57.93	3	Horizontal	28	1.67	-	31.67	5.55	43.24			
PK	5.867G	117.30	Inf	-Inf	122.63	3	Horizontal	28	1.67	-	32.17	5.60	43.10			
RMS	5.866G	111.25	Inf	-Inf	116.60	3	Horizontal	28	1.67	-	32.16	5.60	43.11			
PK	5.9235G	68.77	109.30	-40.53	73.90	3	Horizontal	28	1.67	-	32.30	5.64	43.07			
RMS	5.924G	53.90	88.93	-35.03	59.03	3	Horizontal	28	1.67	-	32.30	5.64	43.07			

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

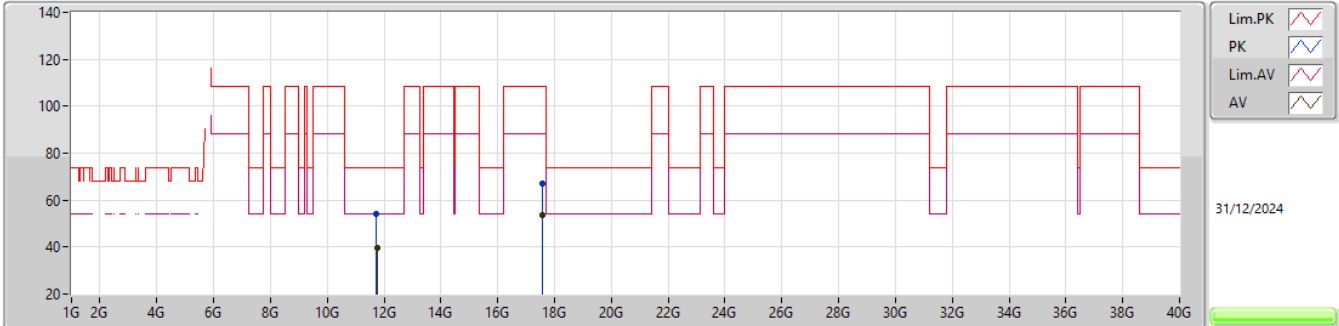
5865MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.72313G	53.84	74.00	-20.16	46.95	3	Vertical	208	1.80	-	39.31	10.64	43.06			
AV	11.74443G	39.94	54.00	-14.06	33.12	3	Vertical	208	1.80	-	39.22	10.65	43.05			
PK	17.59611G	64.87	108.20	-43.33	47.26	3	Vertical	20	1.80	-	43.18	16.52	42.09			
RMS	17.60919G	50.65	88.20	-37.55	32.95	3	Vertical	20	1.80	-	43.24	16.53	42.07			

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

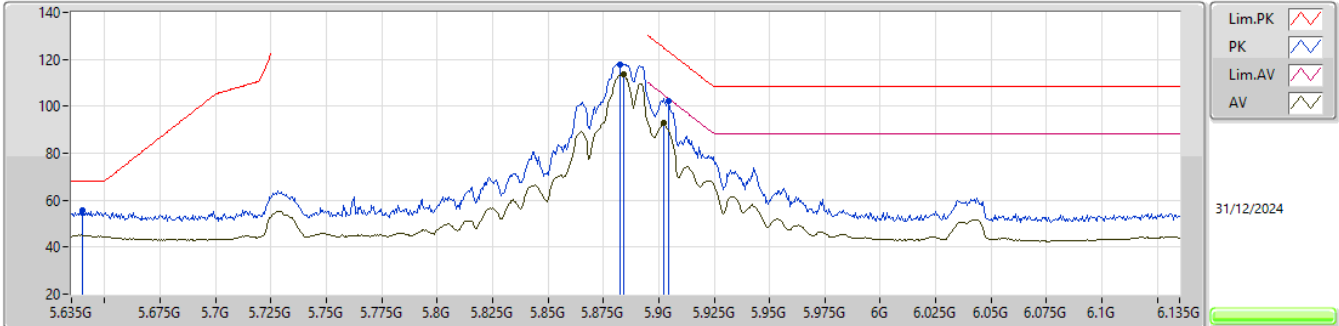
5865MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7285G	54.31	74.00	-19.69	47.44	3	Horizontal	39	2.57	-	39.29	10.64	43.06			
AV	11.74443G	39.91	54.00	-14.09	33.09	3	Horizontal	39	2.57	-	39.22	10.65	43.05			
PK	17.5944G	67.25	108.20	-40.95	49.65	3	Horizontal	339	1.79	-	43.17	16.52	42.09			
RMS	17.59191G	53.45	88.20	-34.75	35.88	3	Horizontal	339	1.79	-	43.15	16.52	42.10			

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

5885MHz_TX

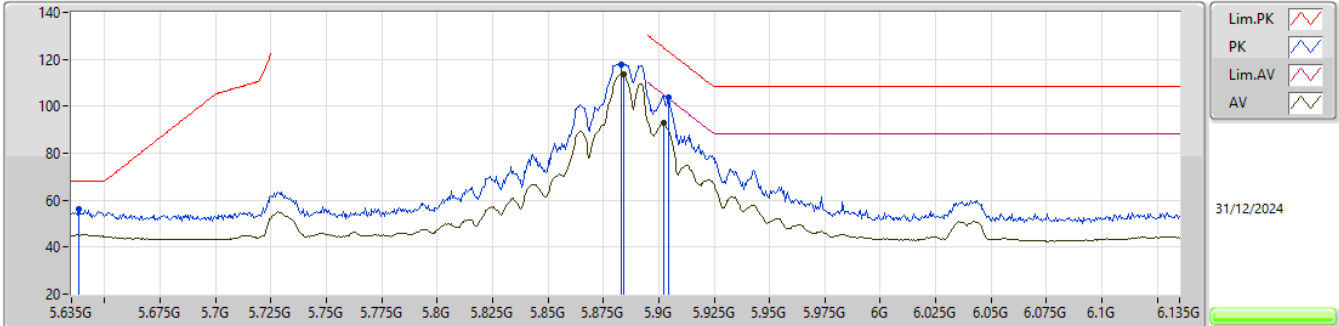


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	55.52	68.20	-12.68	61.44	3	Vertical	302	1.91	-	31.76	5.55	43.23			
PK	5.8825G	117.70	Inf	-Inf	122.96	3	Vertical	302	1.91	-	32.23	5.61	43.10			
RMS	5.884G	113.63	Inf	-Inf	118.87	3	Vertical	302	1.91	-	32.24	5.61	43.09			
PK	5.9045G	102.46	123.23	-20.77	107.61	3	Vertical	302	1.91	-	32.30	5.63	43.08			
RMS	5.9025G	92.71	104.70	-11.99	97.86	3	Vertical	302	1.91	-	32.30	5.63	43.08			

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

5885MHz_TX

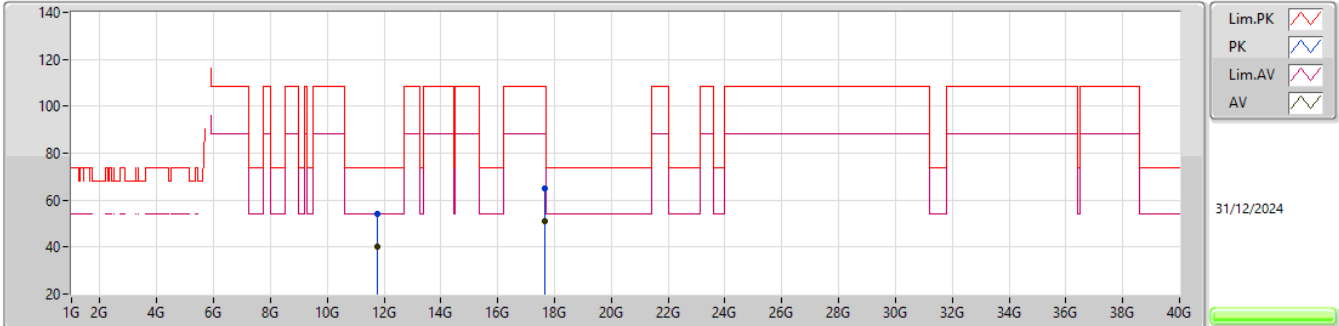


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	56.15	68.20	-12.05	62.08	3	Horizontal	302	1.85	-	31.75	5.55	43.23			
PK	5.883G	117.70	Inf	-Inf	122.96	3	Horizontal	302	1.85	-	32.23	5.61	43.10			
RMS	5.884G	113.55	Inf	-Inf	118.79	3	Horizontal	302	1.85	-	32.24	5.61	43.09			
PK	5.9045G	103.80	123.23	-19.43	108.95	3	Horizontal	302	1.85	-	32.30	5.63	43.08			
RMS	5.9025G	92.92	104.70	-11.78	98.07	3	Horizontal	302	1.85	-	32.30	5.63	43.08			

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

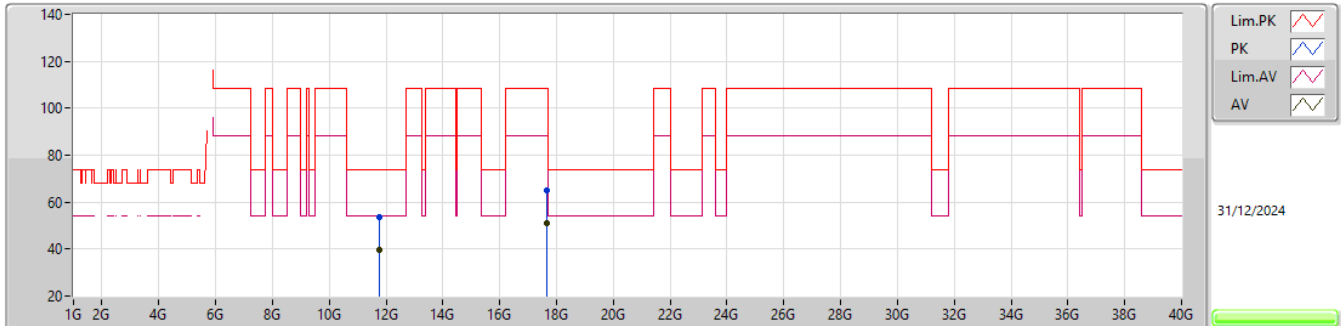
5885MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.75905G	53.92	74.00	-20.08	47.14	3	Vertical	69	1.80	-	39.15	10.67	43.04			
AV	11.77333G	40.01	54.00	-13.99	33.30	3	Vertical	69	1.80	-	39.06	10.68	43.03			
PK	17.66454G	64.79	108.20	-43.41	46.66	3	Vertical	201	2.73	-	43.55	16.55	41.97			
RMS	17.66925G	51.11	88.20	-37.09	32.94	3	Vertical	201	2.73	-	43.59	16.55	41.97			

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

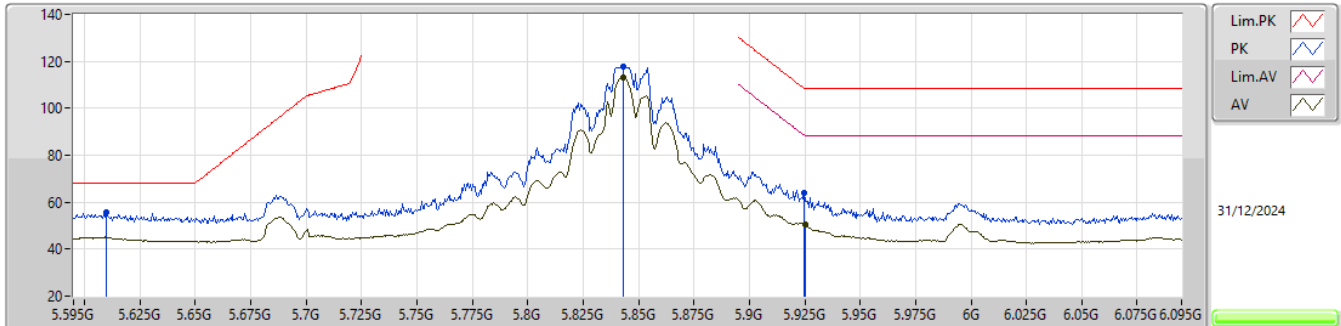
5885MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.78443G	53.63	74.00	-20.37	46.97	3	Horizontal	90	2.49	-	38.99	10.69	43.02			
AV	11.77519G	39.77	54.00	-14.23	33.07	3	Horizontal	90	2.49	-	39.05	10.68	43.03			
PK	17.65167G	65.07	108.20	-43.13	47.11	3	Horizontal	241	1.80	-	43.42	16.54	42.00			
RMS	17.66385G	51.01	88.20	-37.19	32.89	3	Horizontal	241	1.80	-	43.54	16.55	41.97			

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

5845MHz_TX

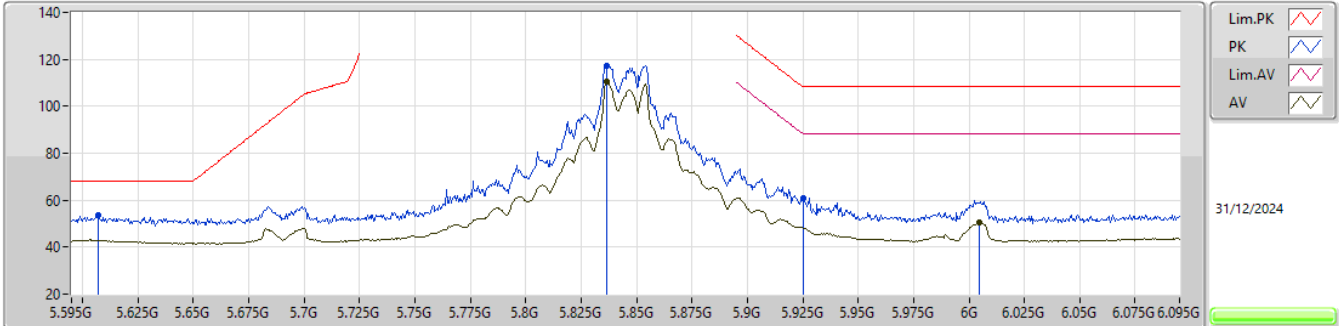


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.61G	55.46	68.20	-12.74	61.52	3	Vertical	306	1.68	-	31.64	5.55	43.25			
PK	5.843G	117.58	Inf	-Inf	123.01	3	Vertical	306	1.68	-	32.10	5.59	43.12			
RMS	5.843G	112.98	Inf	-Inf	118.41	3	Vertical	306	1.68	-	32.10	5.59	43.12			
PK	5.9245G	63.75	108.57	-44.82	68.88	3	Vertical	306	1.68	-	32.30	5.64	43.07			
RMS	5.925G	50.64	88.20	-37.56	55.77	3	Vertical	306	1.68	-	32.30	5.64	43.07			

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

5845MHz_TX

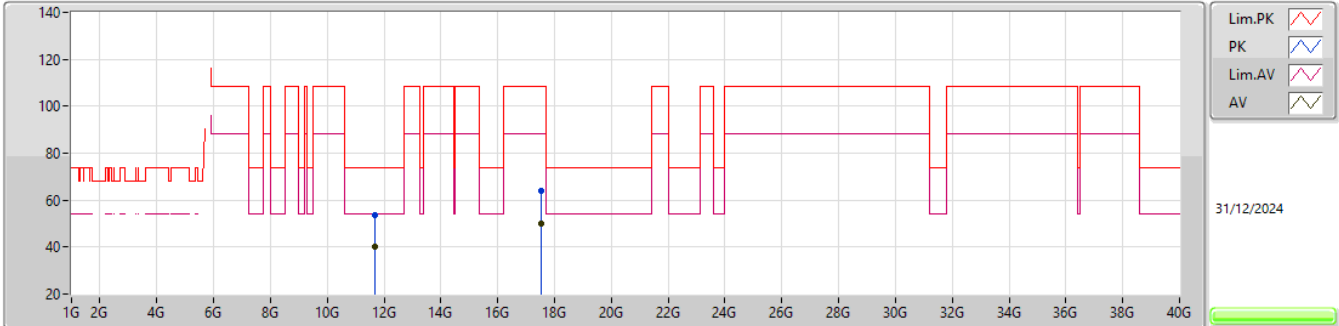


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.607G	53.46	68.20	-14.74	59.53	3	Horizontal	14	1.64	-	31.63	5.55	43.25			
PK	5.8365G	117.30	Inf	-Inf	122.74	3	Horizontal	14	1.64	-	32.10	5.58	43.12			
RMS	5.8365G	110.35	Inf	-Inf	115.79	3	Horizontal	14	1.64	-	32.10	5.58	43.12			
PK	5.9255G	61.04	108.20	-47.16	66.17	3	Horizontal	14	1.64	-	32.30	5.64	43.07			
RMS	6.0045G	50.40	88.20	-37.80	55.34	3	Horizontal	14	1.64	-	32.40	5.69	43.03			

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

5845MHz_TX

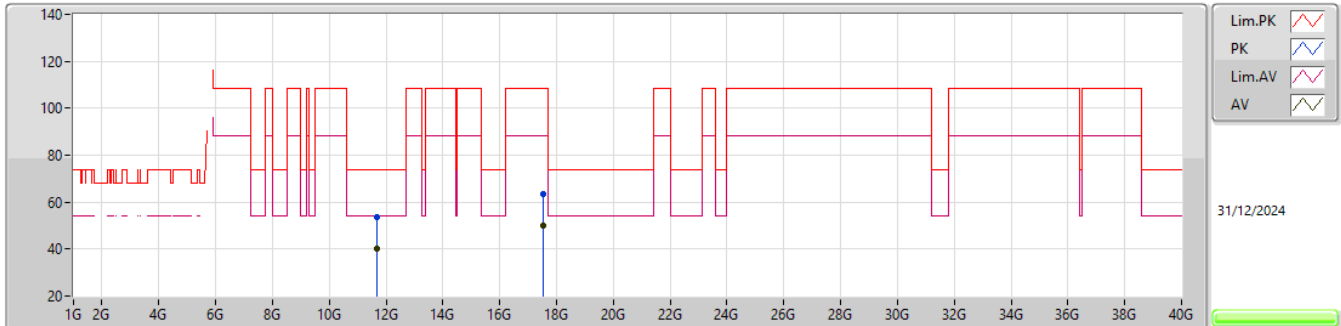


EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.70041G	53.77	74.00	-20.23	46.83	3	Vertical	52	1.10	-	39.40	10.62	43.08			
AV	11.68523G	40.40	54.00	-13.60	33.45	3	Vertical	52	1.10	-	39.43	10.61	43.09			
PK	17.52351G	63.76	108.20	-44.44	46.84	3	Vertical	263	1.00	-	42.64	16.49	42.21			
RMS	17.5497G	49.99	88.20	-38.21	32.76	3	Vertical	263	1.00	-	42.90	16.50	42.17			

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

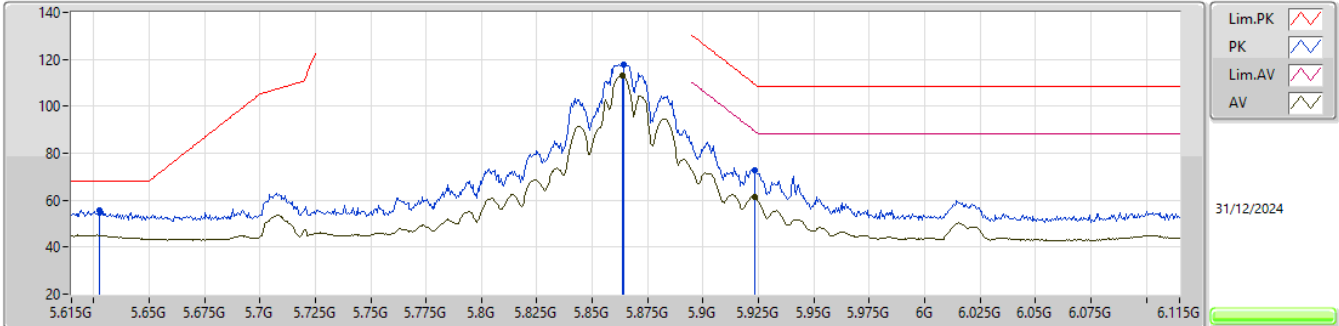
5845MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.68136G	53.70	74.00	-20.30	46.74	3	Horizontal	222	1.80	-	39.44	10.61	43.09			
AV	11.68544G	40.35	54.00	-13.65	33.40	3	Horizontal	222	1.80	-	39.43	10.61	43.09			
PK	17.54853G	63.28	108.20	-44.92	46.06	3	Horizontal	336	2.51	-	42.89	16.50	42.17			
RMS	17.54937G	50.00	88.20	-38.20	32.78	3	Horizontal	336	2.51	-	42.89	16.50	42.17			

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

5865MHz_TX

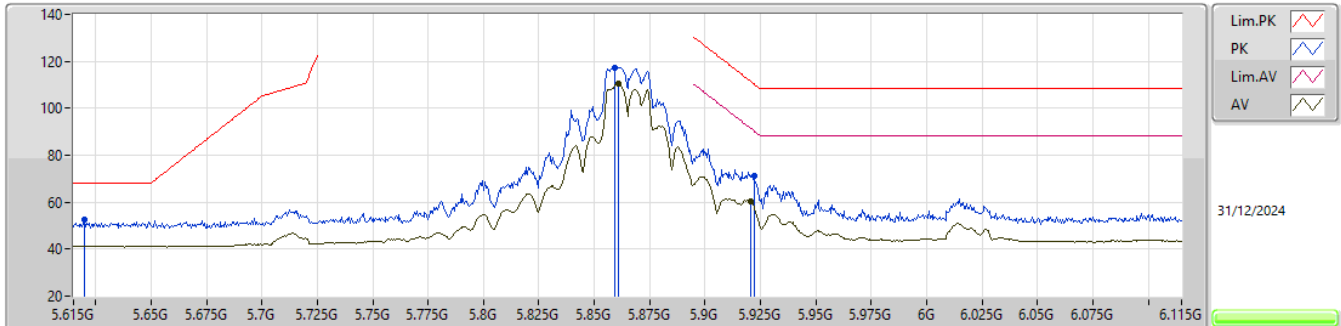


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.6275G	55.57	68.20	-12.63	61.55	3	Vertical	305	1.76	-	31.71	5.55	43.24			
PK	5.864G	117.63	Inf	-Inf	122.98	3	Vertical	305	1.76	-	32.16	5.60	43.11			
RMS	5.8635G	113.25	Inf	-Inf	118.61	3	Vertical	305	1.76	-	32.15	5.60	43.11			
PK	5.9235G	72.83	109.30	-36.47	77.96	3	Vertical	305	1.76	-	32.30	5.64	43.07			
RMS	5.9235G	61.15	89.30	-28.15	66.28	3	Vertical	305	1.76	-	32.30	5.64	43.07			

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

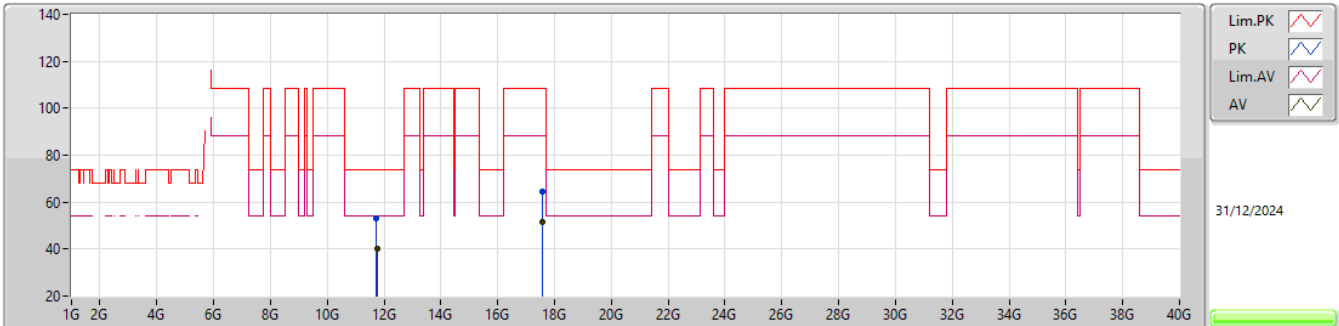
5865MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.62G	52.39	68.20	-15.81	58.40	3	Horizontal	26	2.24	-	31.68	5.55	43.24			
PK	5.8595G	117.45	Inf	-Inf	122.82	3	Horizontal	26	2.24	-	32.14	5.60	43.11			
RMS	5.861G	110.67	Inf	-Inf	116.04	3	Horizontal	26	2.24	-	32.14	5.60	43.11			
PK	5.922G	71.08	110.40	-39.32	76.21	3	Horizontal	26	2.24	-	32.30	5.64	43.07			
RMS	5.9205G	60.38	91.50	-31.12	65.51	3	Horizontal	26	2.24	-	32.30	5.64	43.07			

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

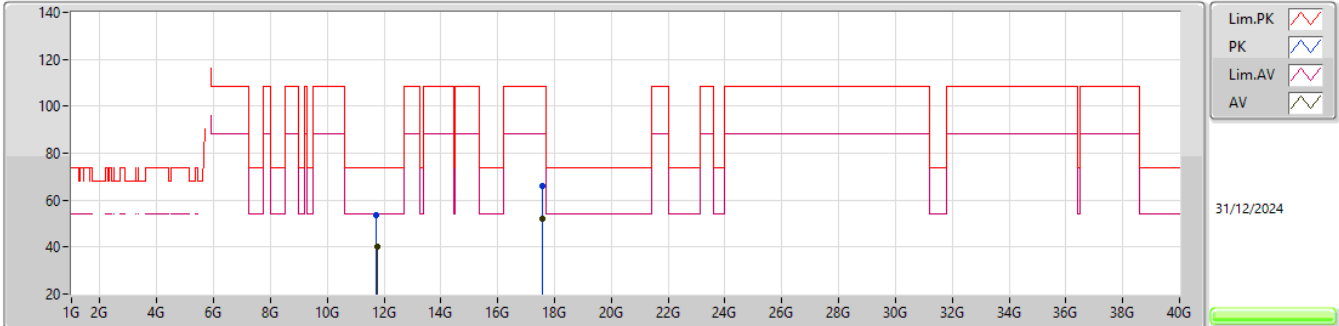
5865MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.73768G	53.33	74.00	-20.67	46.48	3	Vertical	285	1.67	-	39.25	10.65	43.05			
AV	11.74444G	40.36	54.00	-13.64	33.54	3	Vertical	285	1.67	-	39.22	10.65	43.05			
PK	17.59278G	64.70	108.20	-43.50	47.11	3	Vertical	39	2.75	-	43.16	16.52	42.09			
RMS	17.59167G	51.80	88.20	-36.40	34.23	3	Vertical	39	2.75	-	43.15	16.52	42.10			

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

5865MHz_TX

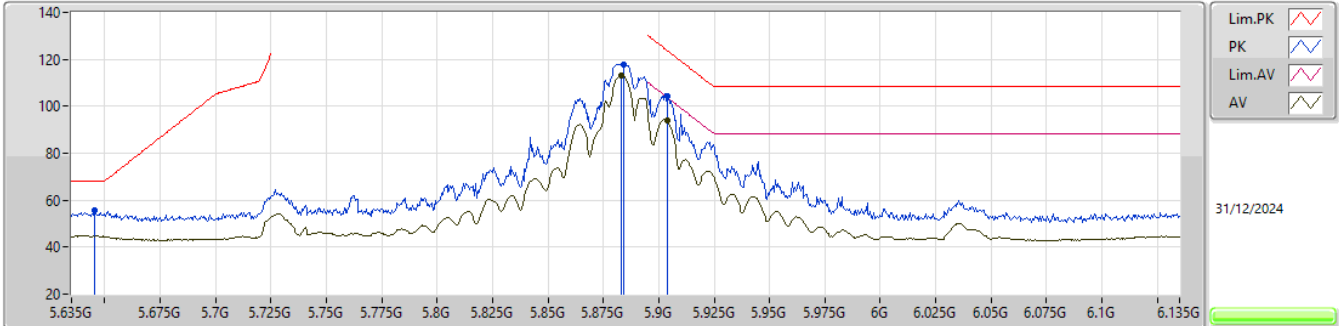


EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.73174G	53.65	74.00	-20.35	46.80	3	Horizontal	181	2.49	-	39.27	10.64	43.06			
AV	11.74395G	40.20	54.00	-13.80	33.38	3	Horizontal	181	2.49	-	39.22	10.65	43.05			
PK	17.59398G	66.09	108.20	-42.11	48.50	3	Horizontal	315	1.37	-	43.16	16.52	42.09			
RMS	17.59173G	51.85	88.20	-36.35	34.28	3	Horizontal	315	1.37	-	43.15	16.52	42.10			

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

5885MHz_TX

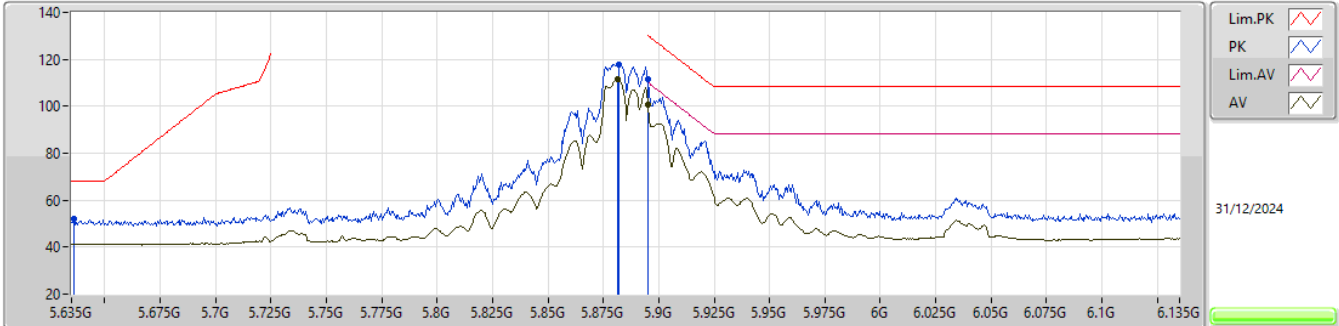


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.6455G	55.82	68.20	-12.38	61.72	3	Vertical	306	1.80	-	31.78	5.55	43.23			
PK	5.884G	117.67	Inf	-Inf	122.91	3	Vertical	306	1.80	-	32.24	5.61	43.09			
RMS	5.883G	113.21	Inf	-Inf	118.47	3	Vertical	306	1.80	-	32.23	5.61	43.10			
PK	5.904G	104.55	123.60	-19.05	109.70	3	Vertical	306	1.80	-	32.30	5.63	43.08			
RMS	5.904G	93.78	103.60	-9.82	98.93	3	Vertical	306	1.80	-	32.30	5.63	43.08			

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

5885MHz_TX

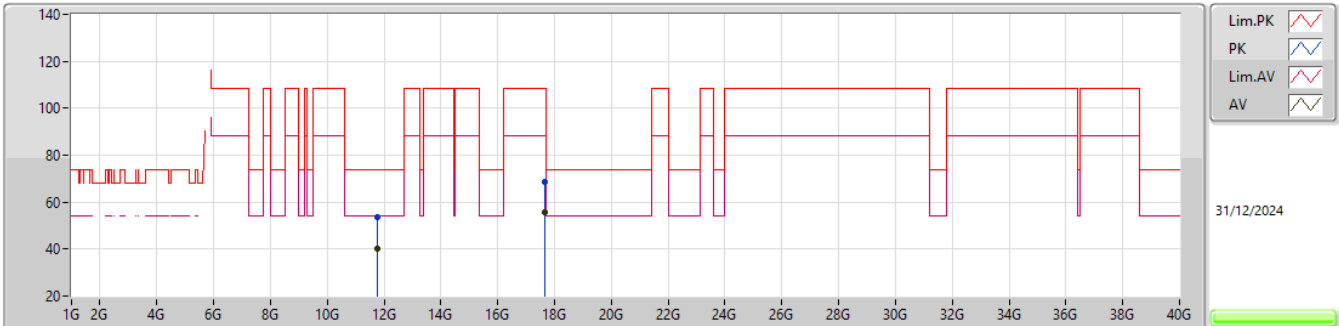


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.636G	51.94	68.20	-16.26	57.88	3	Horizontal	25	2.33	-	31.74	5.55	43.23			
PK	5.882G	117.59	Inf	-Inf	122.85	3	Horizontal	25	2.33	-	32.23	5.61	43.10			
RMS	5.8815G	111.40	Inf	-Inf	116.66	3	Horizontal	25	2.33	-	32.23	5.61	43.10			
PK	5.895G	111.47	130.20	-18.73	116.66	3	Horizontal	25	2.33	-	32.28	5.62	43.09			
RMS	5.895G	100.71	110.20	-9.49	105.90	3	Horizontal	25	2.33	-	32.28	5.62	43.09			

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

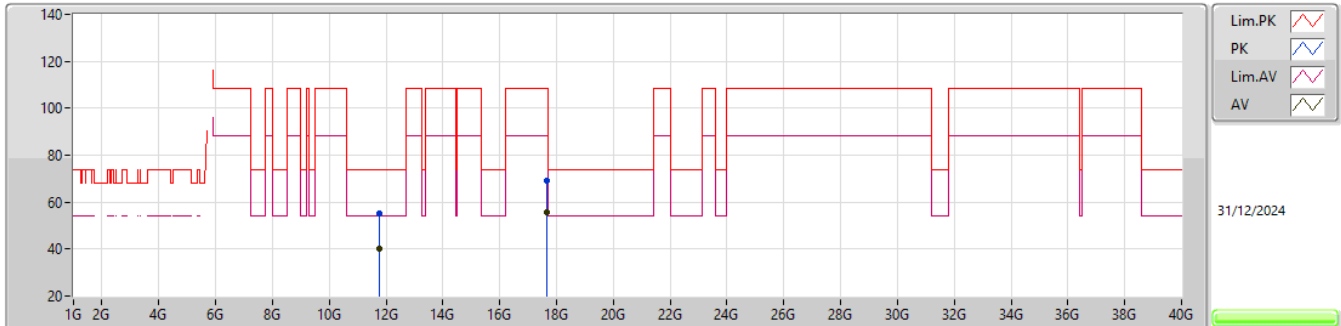
5885MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.77351G	53.57	74.00	-20.43	46.86	3	Vertical	231	1.21	-	39.06	10.68	43.03			
AV	11.77336G	40.42	54.00	-13.58	33.71	3	Vertical	231	1.21	-	39.06	10.68	43.03			
PK	17.66652G	68.56	108.20	-39.64	50.41	3	Vertical	183	2.67	-	43.57	16.55	41.97			
RMS	17.65167G	55.54	88.20	-32.66	37.58	3	Vertical	183	2.67	-	43.42	16.54	42.00			

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

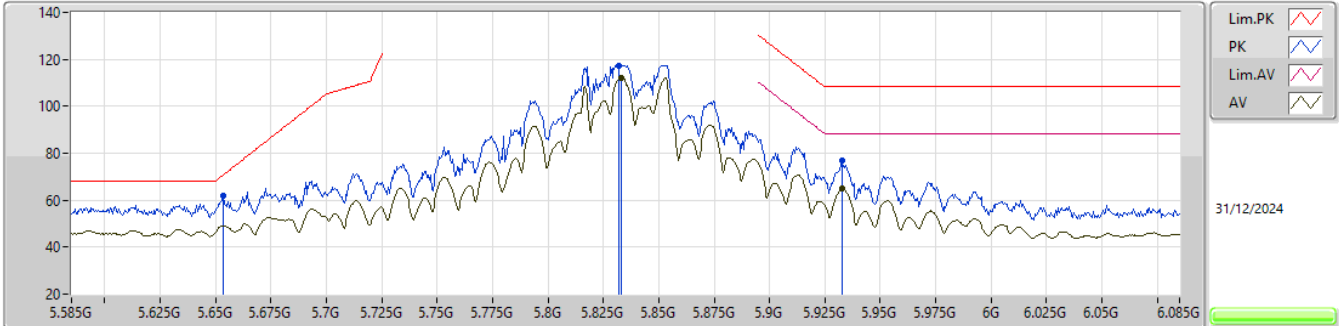
5885MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	11.7589G	55.15	74.00	-18.85	48.37	3	Horizontal	264	2.09	-	39.15	10.67	43.04				
AV	11.7679G	40.38	54.00	-13.62	33.65	3	Horizontal	264	2.09	-	39.09	10.67	43.03				
PK	17.66982G	69.01	108.20	-39.19	50.82	3	Horizontal	357	2.81	-	43.60	16.55	41.96				
RMS	17.65248G	55.74	88.20	-32.46	37.77	3	Horizontal	357	2.81	-	43.42	16.54	41.99				

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

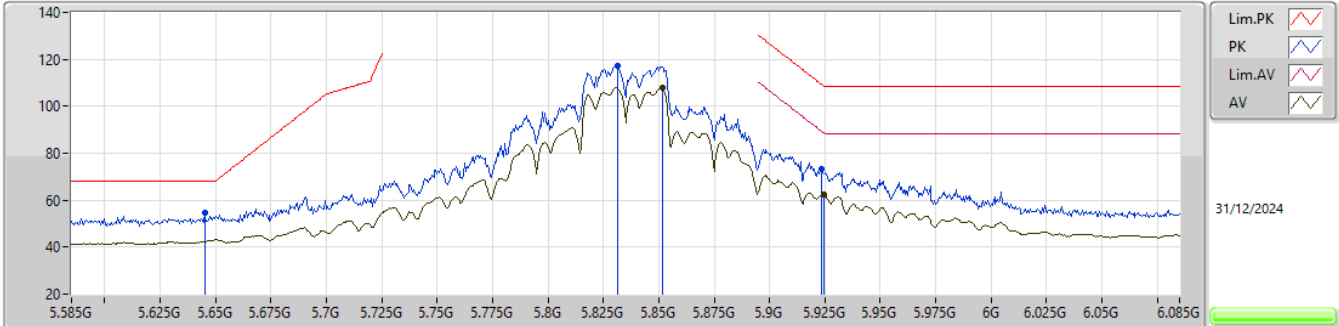
5835MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.6535G	61.77	70.79	-9.02	67.63	3	Vertical	306	1.82	-	31.81	5.55	43.22			
PK	5.832G	117.42	Inf	-Inf	122.86	3	Vertical	306	1.82	-	32.10	5.58	43.12			
RMS	5.833G	112.20	Inf	-Inf	117.64	3	Vertical	306	1.82	-	32.10	5.58	43.12			
PK	5.9325G	77.04	108.20	-31.16	82.16	3	Vertical	306	1.82	-	32.30	5.65	43.07			
RMS	5.9325G	64.77	88.20	-23.43	69.89	3	Vertical	306	1.82	-	32.30	5.65	43.07			

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

5835MHz_TX

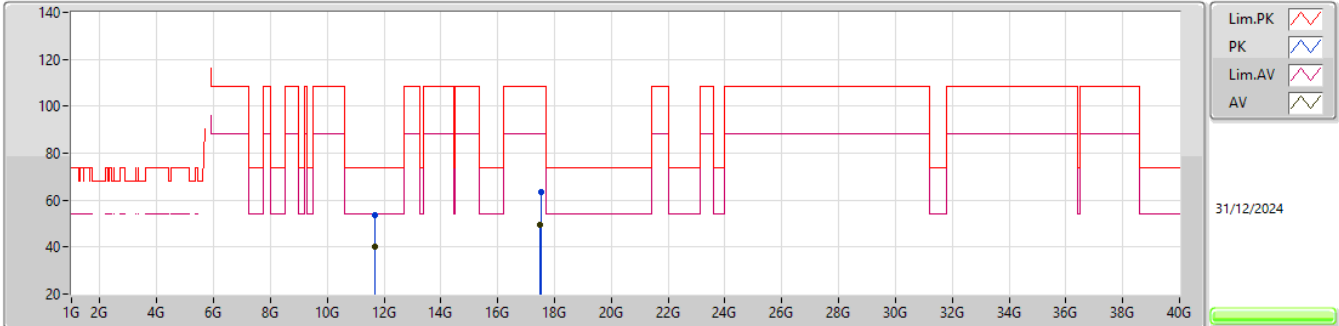


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.645G	54.61	68.20	-13.59	60.51	3	Horizontal	28	2.27	-	31.78	5.55	43.23			
PK	5.8315G	117.03	Inf	-Inf	122.47	3	Horizontal	28	2.27	-	32.10	5.58	43.12			
RMS	5.8515G	108.12	Inf	-Inf	113.53	3	Horizontal	28	2.27	-	32.11	5.59	43.11			
PK	5.9235G	73.47	109.30	-35.83	78.60	3	Horizontal	28	2.27	-	32.30	5.64	43.07			
RMS	5.9245G	62.41	88.57	-26.16	67.54	3	Horizontal	28	2.27	-	32.30	5.64	43.07			

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

5835MHz_TX

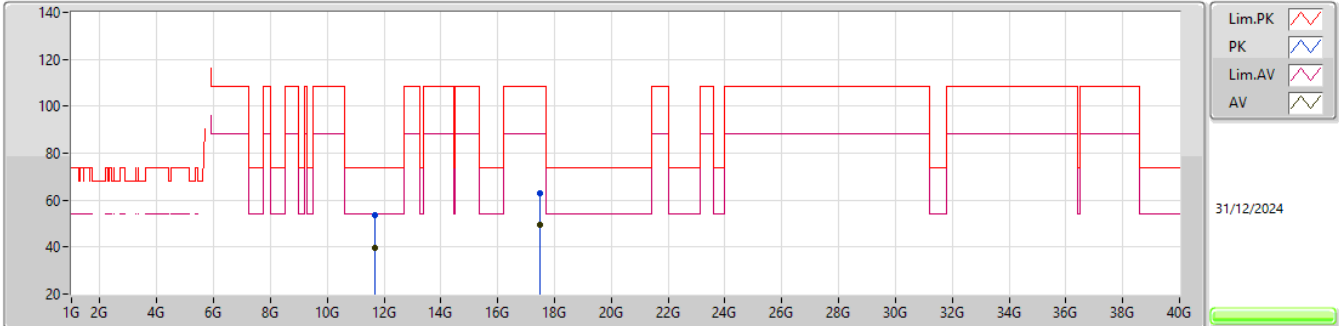


EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.66979G	53.63	74.00	-20.37	46.66	3	Vertical	242	1.61	-	39.46	10.60	43.09			
AV	11.68149G	39.99	54.00	-14.01	33.03	3	Vertical	242	1.61	-	39.44	10.61	43.09			
PK	17.51133G	63.45	108.20	-44.75	46.68	3	Vertical	345	1.78	-	42.51	16.49	42.23			
RMS	17.50308G	49.61	88.20	-38.59	32.94	3	Vertical	345	1.78	-	42.43	16.48	42.24			

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

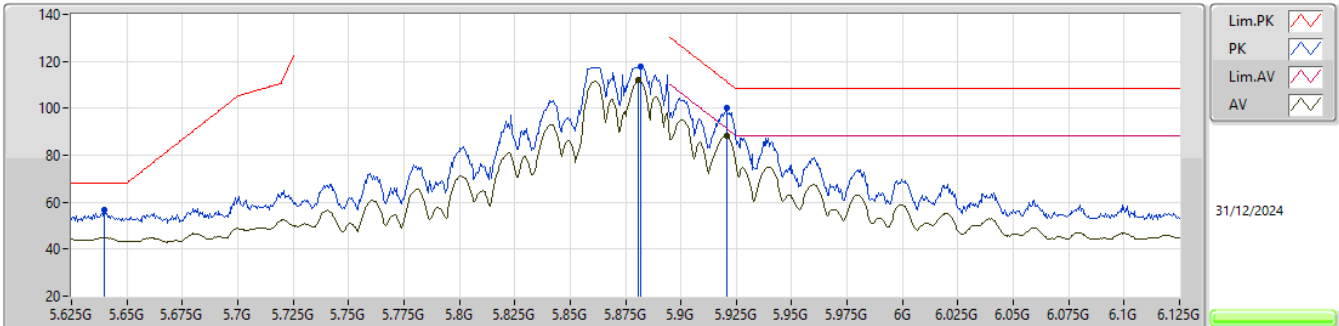
5835MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.67513G	53.81	74.00	-20.19	46.85	3	Horizontal	93	2.02	-	39.45	10.60	43.09			
AV	11.68383G	39.86	54.00	-14.14	32.91	3	Horizontal	93	2.02	-	39.43	10.61	43.09			
PK	17.5044G	63.16	108.20	-45.04	46.48	3	Horizontal	50	1.20	-	42.44	16.48	42.24			
RMS	17.50362G	49.58	88.20	-38.62	32.90	3	Horizontal	50	1.20	-	42.44	16.48	42.24			

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

5875MHz_TX

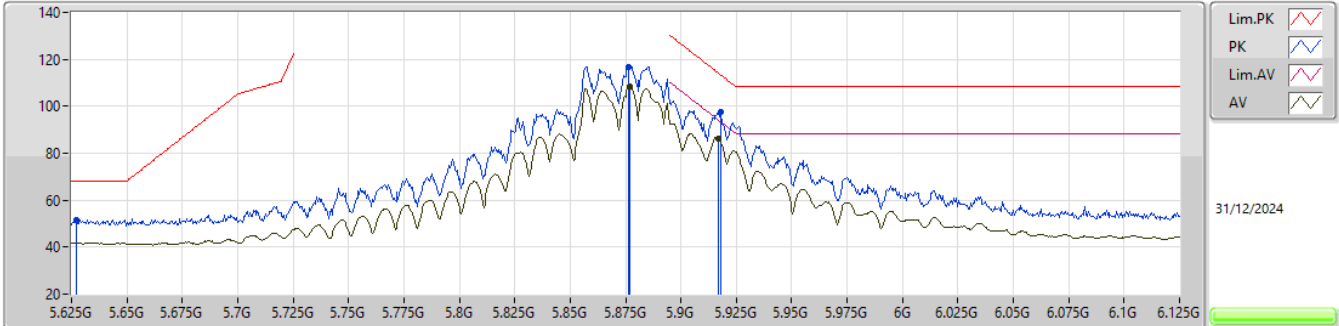


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	56.93	68.20	-11.27	62.85	3	Vertical	25	1.80	-	31.76	5.55	43.23			
PK	5.882G	117.58	Inf	-Inf	122.84	3	Vertical	25	1.80	-	32.23	5.61	43.10			
RMS	5.8805G	111.89	Inf	-Inf	117.16	3	Vertical	25	1.80	-	32.22	5.61	43.10			
PK	5.9205G	100.21	111.50	-11.29	105.34	3	Vertical	25	1.80	-	32.30	5.64	43.07			
RMS	5.921G	88.45	91.13	-2.68	93.58	3	Vertical	25	1.80	-	32.30	5.64	43.07			

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

5875MHz_TX

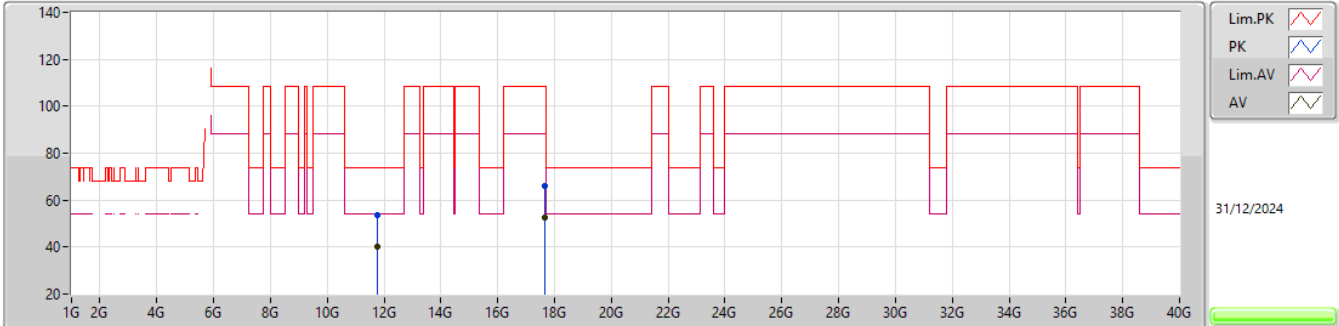


EUT_Y_4TX
Setting 28
04-D-V-1-10

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	5.627G	51.68	68.20	-16.52	57.66	3	Horizontal	23	1.80	-	31.71	5.55	43.24			
PK	5.8765G	116.94	Inf	-Inf	122.22	3	Horizontal	23	1.80	-	32.21	5.61	43.10			
RMS	5.877G	108.36	Inf	-Inf	113.64	3	Horizontal	23	1.80	-	32.21	5.61	43.10			
PK	5.918G	97.79	113.33	-15.54	102.93	3	Horizontal	23	1.80	-	32.30	5.64	43.08			
RMS	5.917G	86.32	94.07	-7.75	91.46	3	Horizontal	23	1.80	-	32.30	5.64	43.08			

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

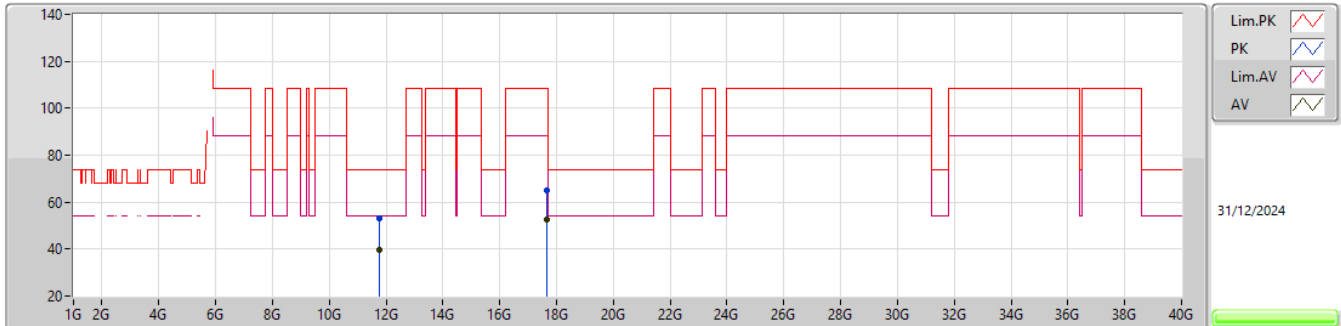
5875MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.74469G	53.40	74.00	-20.60	46.58	3	Vertical	301	2.22	-	39.22	10.65	43.05			
AV	11.74493G	40.08	54.00	-13.92	33.26	3	Vertical	301	2.22	-	39.22	10.65	43.05			
PK	17.63955G	65.90	108.20	-42.30	48.02	3	Vertical	313	1.21	-	43.36	16.54	42.02			
RMS	17.63964G	52.76	88.20	-35.44	34.88	3	Vertical	313	1.21	-	43.36	16.54	42.02			

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

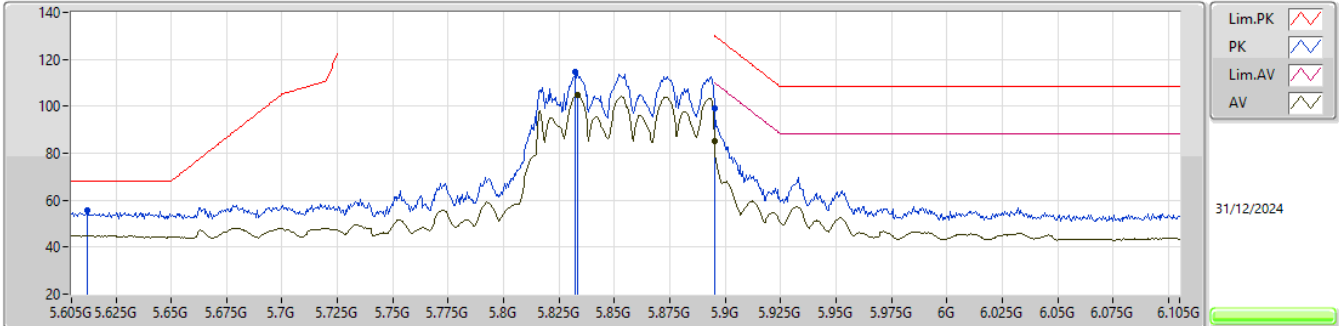
5875MHz_TX

EUT_Y_4TX
Setting 28
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.74877G	53.03	74.00	-20.97	46.22	3	Horizontal	79	2.33	-	39.20	10.66	43.05			
AV	11.74472G	39.90	54.00	-14.10	33.08	3	Horizontal	79	2.33	-	39.22	10.65	43.05			
PK	17.63898G	64.90	108.20	-43.30	47.02	3	Horizontal	41	1.00	-	43.36	16.54	42.02			
RMS	17.63931G	52.64	88.20	-35.56	34.76	3	Horizontal	41	1.00	-	43.36	16.54	42.02			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5855MHz_TX

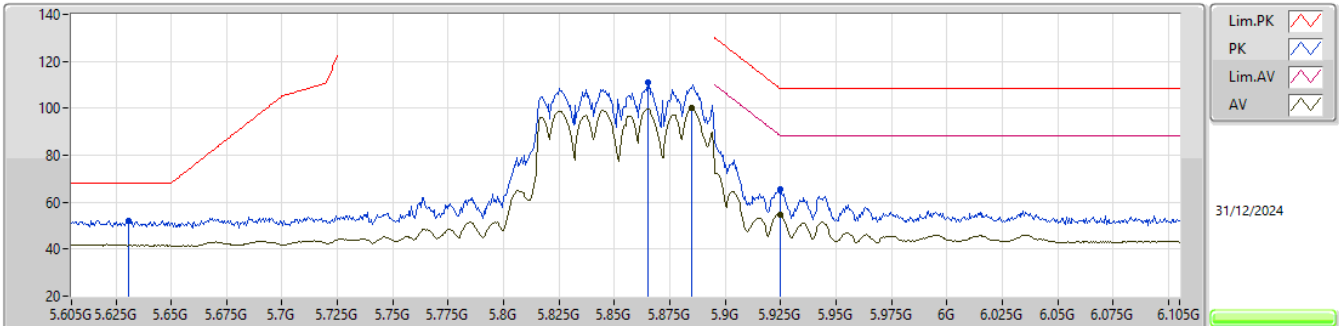


EUT_Y_4TX
Setting 27.5
04-D-V-1-10

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	5.612G	55.68	68.20	-12.52	61.73	3	Vertical	303	1.76	-	31.65	5.55	43.25			
PK	5.8325G	114.85	Inf	-Inf	120.29	3	Vertical	303	1.76	-	32.10	5.58	43.12			
RMS	5.8335G	104.91	Inf	-Inf	110.35	3	Vertical	303	1.76	-	32.10	5.58	43.12			
PK	5.895G	98.96	130.20	-31.24	104.15	3	Vertical	303	1.76	-	32.28	5.62	43.09			
RMS	5.895G	85.16	110.20	-25.04	90.35	3	Vertical	303	1.76	-	32.28	5.62	43.09			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_4TX

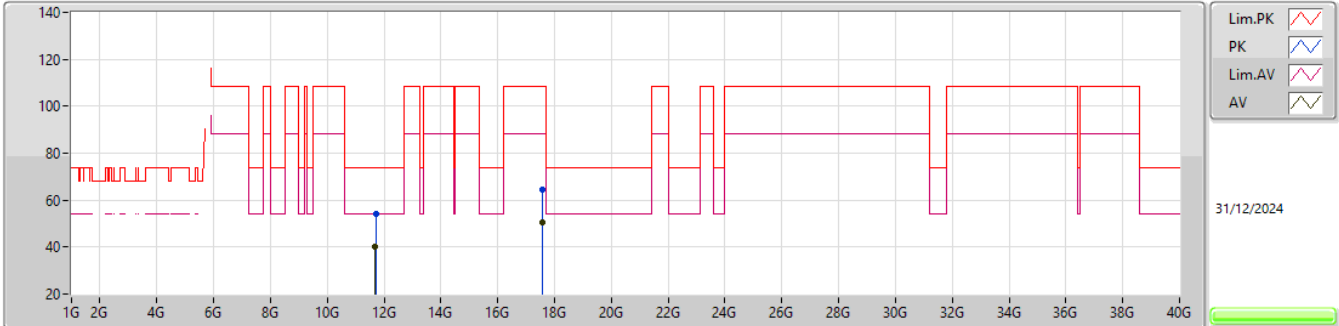
5855MHz_TX

EUT_Y_4TX
Setting 27.5
04-D-V-1-10

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	52.27	68.20	-15.93	58.24	3	Horizontal	17	1.75	-	31.72	5.55	43.24			
PK	5.865G	111.02	Inf	-Inf	116.37	3	Horizontal	17	1.75	-	32.16	5.60	43.11			
RMS	5.885G	100.36	Inf	-Inf	105.59	3	Horizontal	17	1.75	-	32.24	5.62	43.09			
PK	5.925G	65.55	108.20	-42.65	70.68	3	Horizontal	17	1.75	-	32.30	5.64	43.07			
RMS	5.925G	54.78	88.20	-33.42	59.91	3	Horizontal	17	1.75	-	32.30	5.64	43.07			

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5855MHz_TX

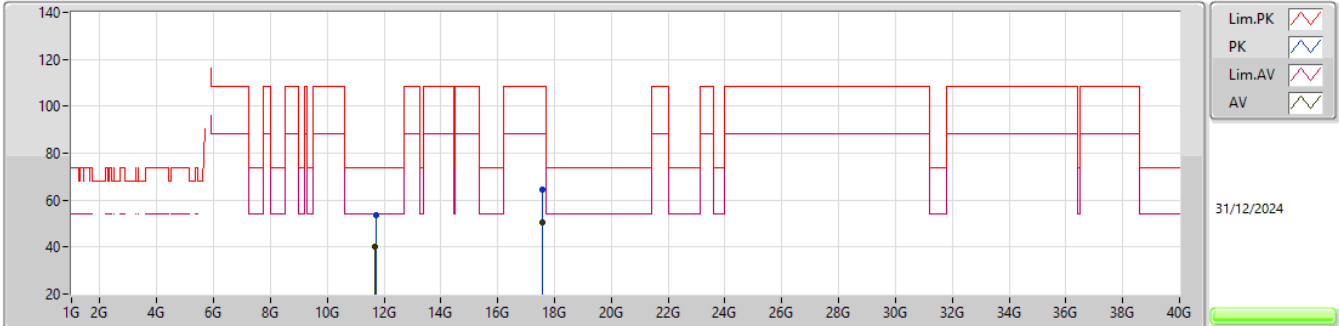


EUT_Y_4TX
Setting 27.5
04-D-V-1

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	11.71207G	53.99	74.00	-20.01	47.08	3	Vertical	247	2.80	-	39.35	10.63	43.07				
AV	11.69524G	40.20	54.00	-13.80	33.25	3	Vertical	247	2.80	-	39.41	10.62	43.08				
PK	17.57562G	64.26	108.20	-43.94	46.82	3	Vertical	186	1.02	-	43.05	16.51	42.12				
RMS	17.57907G	50.52	88.20	-37.68	33.06	3	Vertical	186	1.02	-	43.07	16.51	42.12				

5.725-5.895GHz_802.11be EHT80_Nss1,(MCS0)_4TX

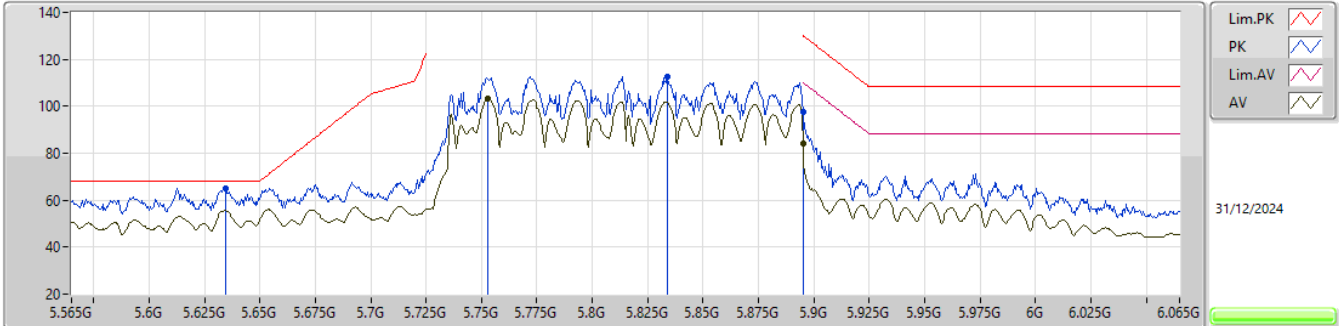
5855MHz_TX

EUT_Y_4TX
Setting 27.5
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.72323G	53.41	74.00	-20.59	46.52	3	Horizontal	19	1.80	-	39.31	10.64	43.06			
AV	11.69629G	40.21	54.00	-13.79	33.26	3	Horizontal	19	1.80	-	39.41	10.62	43.08			
PK	17.55825G	64.35	108.20	-43.85	47.04	3	Horizontal	342	1.80	-	42.95	16.51	42.15			
RMS	17.57955G	50.53	88.20	-37.67	33.06	3	Horizontal	342	1.80	-	43.08	16.51	42.12			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_4TX

5815MHz_TX

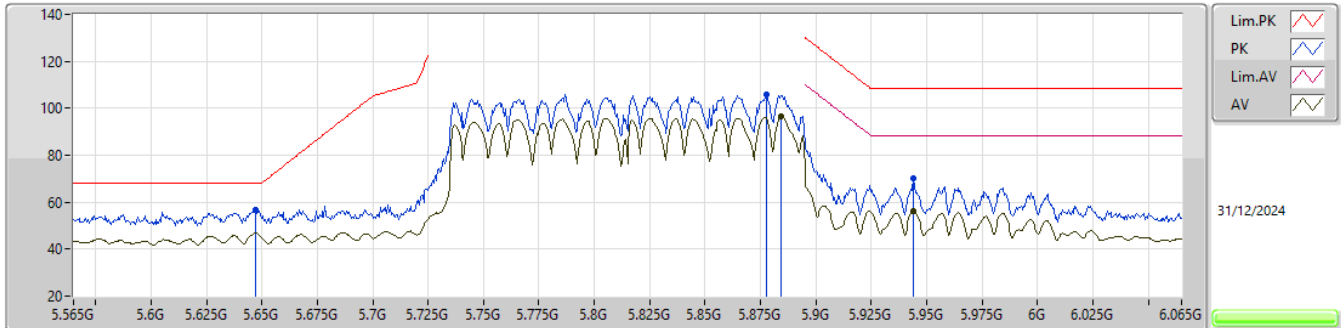


EUT_Y_4TX
Setting 22
04-D-V-1-10

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	5.6345G	65.25	68.20	-2.95	71.19	3	Vertical	302	1.80	-	31.74	5.55	43.23			
PK	5.834G	112.54	Inf	-Inf	117.98	3	Vertical	302	1.80	-	32.10	5.58	43.12			
RMS	5.753G	103.15	Inf	-Inf	108.66	3	Vertical	302	1.80	-	32.10	5.56	43.17			
PK	5.895G	97.70	130.20	-32.50	102.89	3	Vertical	302	1.80	-	32.28	5.62	43.09			
RMS	5.895G	84.20	110.20	-26.00	89.39	3	Vertical	302	1.80	-	32.28	5.62	43.09			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_4TX

5815MHz_TX

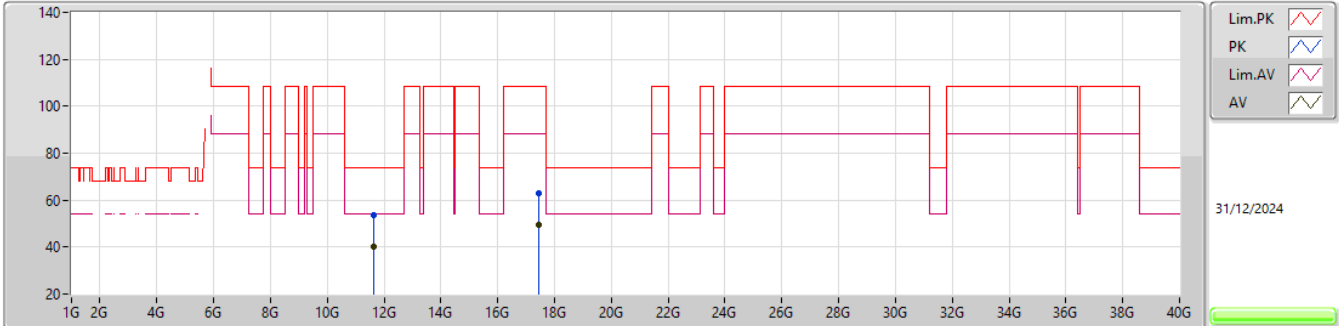


EUT_Y_4TX
Setting 22
04-D-V-1-10

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	5.647G	56.60	68.20	-11.60	62.49	3	Horizontal	21	1.80	-	31.79	5.55	43.23			
PK	5.8775G	105.86	Inf	-Inf	111.14	3	Horizontal	21	1.80	-	32.21	5.61	43.10			
RMS	5.8845G	96.68	Inf	-Inf	101.92	3	Horizontal	21	1.80	-	32.24	5.61	43.09			
PK	5.944G	70.31	108.20	-37.89	75.42	3	Horizontal	21	1.80	-	32.30	5.65	43.06			
RMS	5.944G	56.10	88.20	-32.10	61.21	3	Horizontal	21	1.80	-	32.30	5.65	43.06			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_4TX

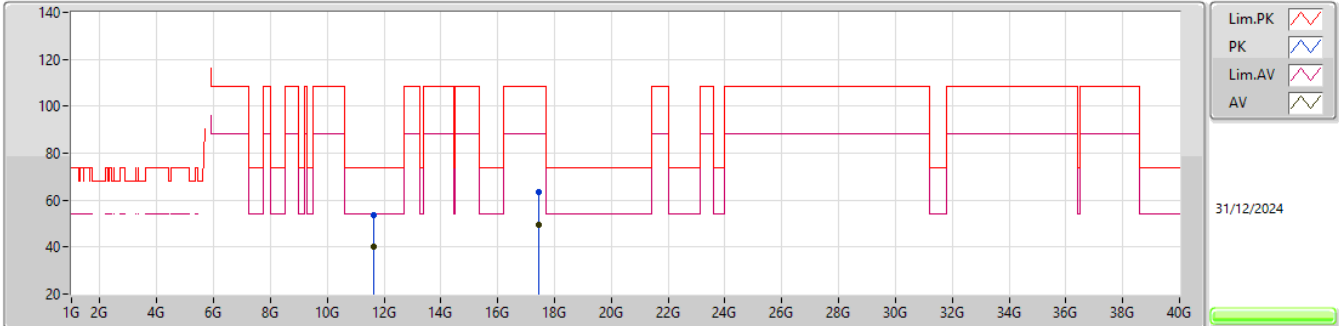
5815MHz_TX

EUT_Y_4TX
Setting 22
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.62238G	53.42	74.00	-20.58	46.37	3	Vertical	307	1.48	-	39.61	10.56	43.12			
AV	11.62355G	40.15	54.00	-13.85	33.10	3	Vertical	307	1.48	-	39.61	10.56	43.12			
PK	17.43531G	62.89	108.20	-45.31	46.78	3	Vertical	8	1.80	-	41.91	16.46	42.26			
RMS	17.43405G	49.59	88.20	-38.61	33.49	3	Vertical	8	1.80	-	41.90	16.46	42.26			

5.725-5.895GHz_802.11be EHT160_Nss1,(MCS0)_4TX

5815MHz_TX

EUT_Y_4TX
Setting 22
04-D-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6183G	53.65	74.00	-20.35	46.59	3	Horizontal	357	2.43	-	39.63	10.56	43.13			
AV	11.62097G	39.99	54.00	-14.01	32.93	3	Horizontal	357	2.43	-	39.62	10.56	43.12			
PK	17.43801G	63.20	108.20	-45.00	47.06	3	Horizontal	239	1.80	-	41.93	16.46	42.25			
RMS	17.43099G	49.63	88.20	-38.57	33.54	3	Horizontal	239	1.80	-	41.89	16.46	42.26			