Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	TLZ-CU5XX
Equipment	:	Wireless MCU with Integrated Tri-radio Wi-Fi 6 + BLE 5.3/802.15.4 LGA module, Wireless MCU with Integrated Wi Fi 6 and Bluetooth Low Energy 5. 3 Module
Brand Name	:	AzureWave
Model Name	:	AW-CU570, AW-CU598
Applicant	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard	:	47 CFR FCC Part 15.407

The product was received on Dec. 12, 2023, and testing was started from Feb. 07, 2024 and completed on Jun. 14, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Rex Liao

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

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History of this test report

Report No.	Version	Description	Issued Date
FR3N2709AE	01	Initial issue of report	Jun. 28, 2024

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/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

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)	5845-5885	169-177 [3]

Band	Mode	BWch (MHz)	Nant
5.85-5.895GHz	802.11a	20	1TX
5.85-5.895GHz	802.11n HT20	20	1TX
5.85-5.895GHz	802.11ac VHT20	20	1TX
5.85-5.895GHz	802.11ax HEW20	20	1TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ARISTOTLE	RFA-27-C38H1-C198	Dipole	u.FL	Note 1
2	Molex	2128600011	Dipole	u.FL	
3	LYNwave	2570	PCB	N/A	

Note 1:

Ant.	Port				Gain (dBi)			
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread
1	-	1	-	-	3	5	3	3
2	1	-	1	1	Note 2			
3	1	1	1	1	2.2	4.4	2.2	2.2

Note 2: The Ant. 2 has one RF cable (Brand: TE Connectivity / Model Name: Linx Connectivity / Remark: 11.5cm), and its gains are listed below.

Ant.	Gain (dBi)				
		WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread
2	Max Peak Gain	5.3	4.5	5.3	5.3
	Cable Loss	0.34	0.34	0.34	0.34
	Net Gain	4.96	4.16	4.96	4.96

Note 3: The above information was declared by manufacturer.

Note 4: **For RF Conducted tests:**

The Ant. 2 in WLAN 2.4GHz / Bluetooth / Thread and the Ant. 1 in WLAN 5GHz have higher gain than others in the same band. Therefore, they were selected to perform the test.

For AC Conduction and Radiated tests:

The EUT has two types of antenna. The antennas with higher gain in each band of each type were selected to test and their data were recorded in this report. Thus, Ant. 1 & Ant. 3 were selected to test WLAN 5GHz, and Ant. 2 & Ant. 3 were selected to test WLAN 2.4GHz / Bluetooth / Thread.

Note 5: **For 2.4GHz function:**

For IEEE 802.11 b/g/n/VHT/ax (1TX/1RX):

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

For 5GHz function:

For IEEE 802.11a/n/ac/ax (1TX/1RX):

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

For bluetooth function (1TX/1RX):

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

For Thread function (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_Nss 1,(6D)	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss 1,(M0)	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Device Type	☐	Indoor Access Point	☐	Subordinate
	☒	Indoor Client		
	☐	Fixed Access Point	☐	Fixed Client
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	DutApiMimoApApp 2.0.0.2			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The two EUTs are identical except for the difference listed below:

EUT	Equipment Name	Model Name	Thread Function
1	Wireless MCU with Integrated Tri-radio Wi-Fi 6 + BLE 5.3/802.15.4 LGA module	AW-CU570	V
2	Wireless MCU with Integrated Wi Fi 6 and Bluetooth Low Energy 5. 3 Module	AW-CU598	X

Note 1: From the above EUTs, EUT 1 (AW-CU570) was selected as representative EUT for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01

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

- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01
- FCC KDB 291074 D02 v01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Mason Chan	24.6~25.2 / 66~69	May 06, 2024~ May 07, 2024
Radiated < 1GHz	03CH01-CB	Paul Hu	22.4-23.5 / 55-58	Feb. 07, 2024~ May 23, 2024
	03CH04-CB		21-22 / 56-59	
Radiated > 1GHz	03CH04-CB	Paul Hu	21~22 / 56~59	May 03, 2024~ May 06, 2024
AC Conduction	CO01-CB	Tim Chen	20~21 / 63~64	Feb. 22, 2024~ Jun. 14, 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)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 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	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11a_Nss1,(6Mbps)_1TX
5845MHz
5865MHz
5885MHz
802.11ax HEW20_Nss1,(MCS0)_1TX
5845MHz
5865MHz
5885MHz

Note:
- Evaluated HEW20 mode only, due to similar modulation. The power setting of HT20 / VHT20 modes are the same or lower than HEW20.

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	CTX
1	EUT 1 + Ant. 2_Thread
2	EUT 1 + Ant. 2_Bluetooth
3	EUT 1 + Ant. 2_WLAN 2.4GHz
4	EUT 1 + Ant. 1_WLAN 5GHz
5	EUT 1 + Ant. 3_Thread
6	EUT 1 + Ant. 3_Bluetooth
7	EUT 1 + Ant. 3_WLAN 2.4GHz
8	EUT 1 + Ant. 3_WLAN 5GHz
For operating, mode 6 is the worst case and it was recorded 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	
Test Mode	1	EUT 1 + Ant. 1

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
	The EUT was performed at X axis, Y axis and Z axis position in Radiated Emission test > 1GHz, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Ant. 2_WLAN 2.4GHz
2	EUT 1 in Y axis + Ant. 2_Bluetooth
3	EUT 1 in Y axis + Ant. 2_Thread
4	EUT 1 in Y axis + Ant. 1_WLAN 5GHz
5	EUT 1 in Y axis + Ant. 3_WLAN 2.4GHz
6	EUT 1 in Y axis + Ant. 3_Bluetooth
7	EUT 1 in Y axis + Ant. 3_Thread
8	EUT 1 in Y axis + Ant. 3_WLAN 5GHz
For operating, mode 2 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Ant. 1
2	EUT 1 in Y axis + Ant. 3

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	2570-i4	N/A
B	NB	DELL	E6430	N/A

For Radiated < 1GHz:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	2570-i4	N/A
B	DC Power Supply	MOTECH	LPS-305	N/A

For Radiated > 1GHz:

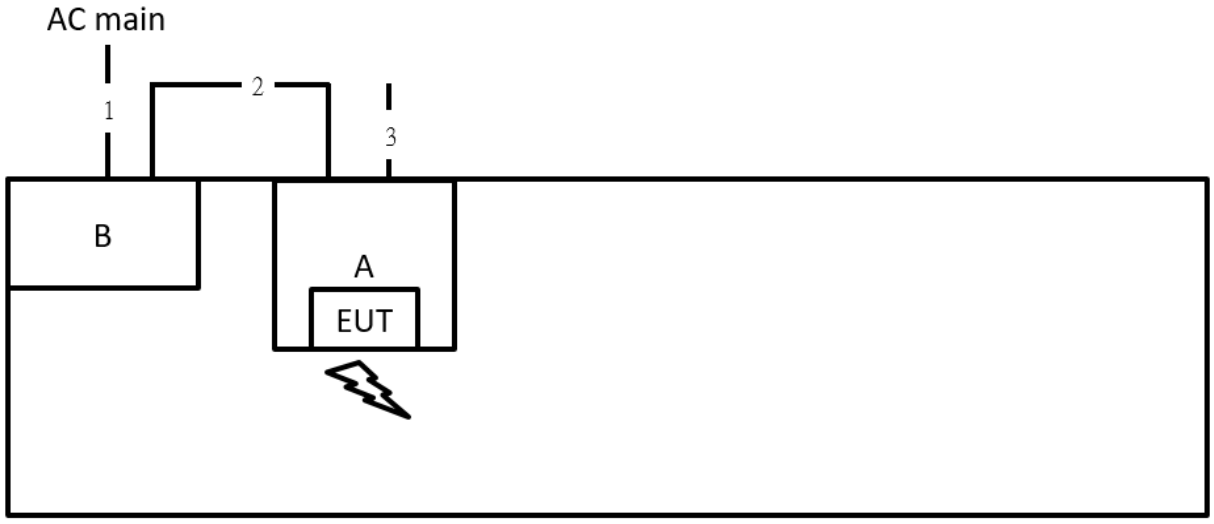
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	2570-i4	N/A
B	DC Power Supply	MOTECH	LPS-305	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	AzureWave	2570-i4	N/A

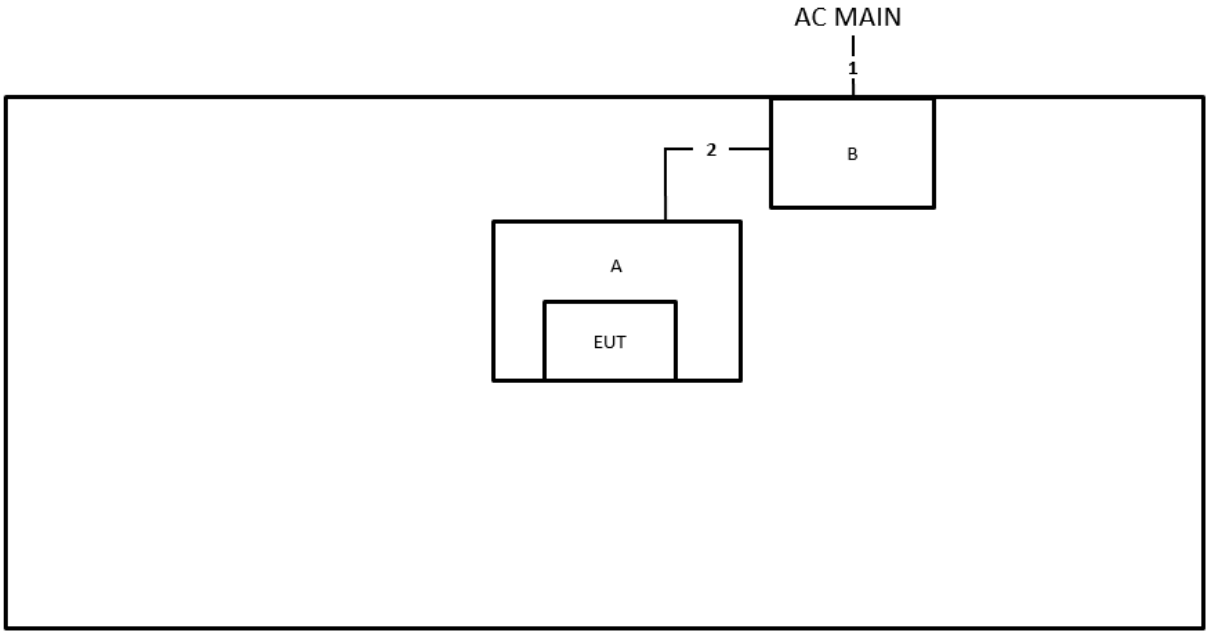
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



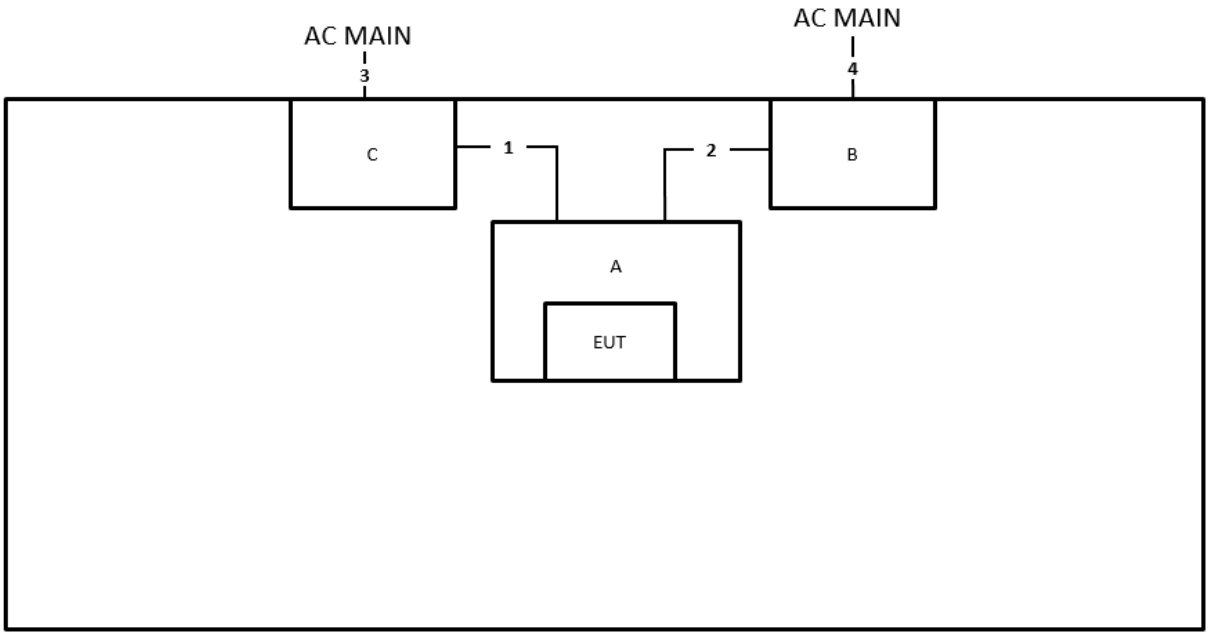
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	DC cable*2	No	1m
3	Type C USB cable	Yes	1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	DC cable*2	No	1m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	USB to Type C cable	Yes	1m
2	DC cable*2	No	1m
3	Power cable	No	1.7m
4	Power cable	No	1.2m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

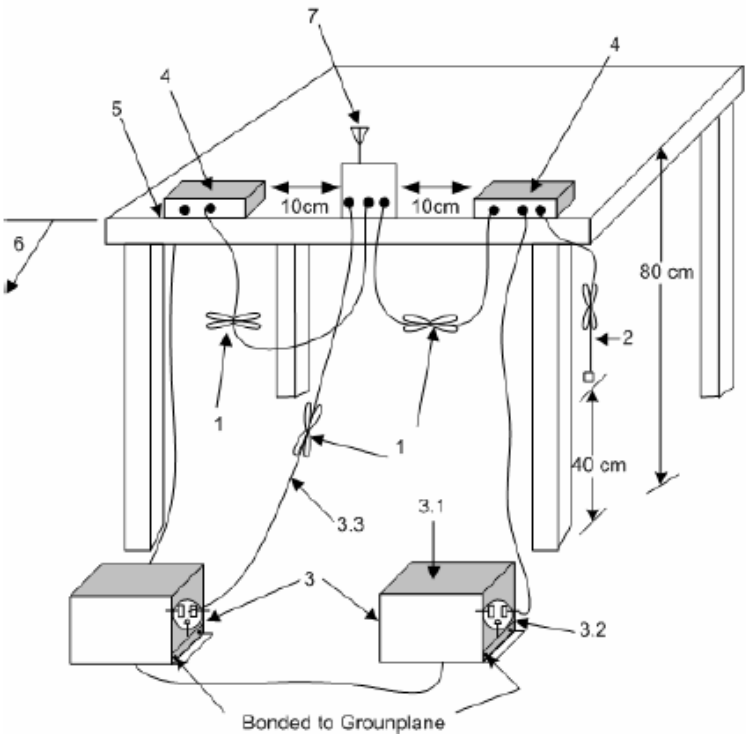
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices
☐ For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.

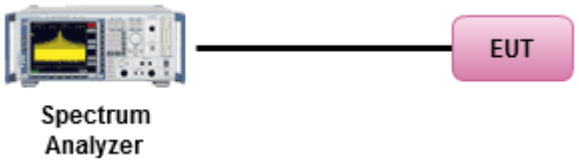
3.2.2 Measuring Instruments

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

Emission Bandwidth


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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐ For radiated measurement.	
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

Conducted Measurement (Power Meter)


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

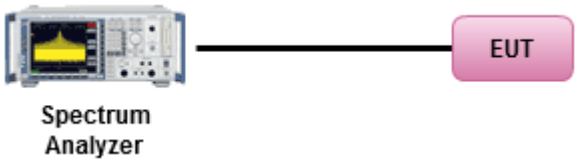
3.4.2 Measuring Instruments

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐ For radiated measurement.	
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


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).

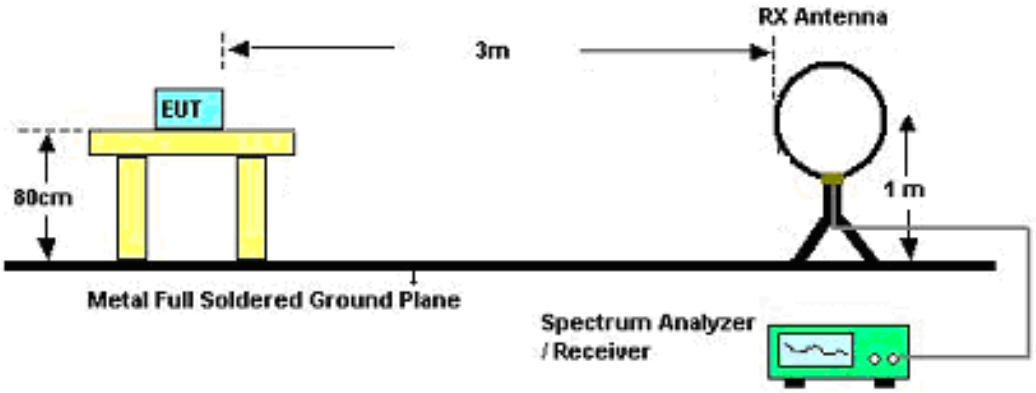
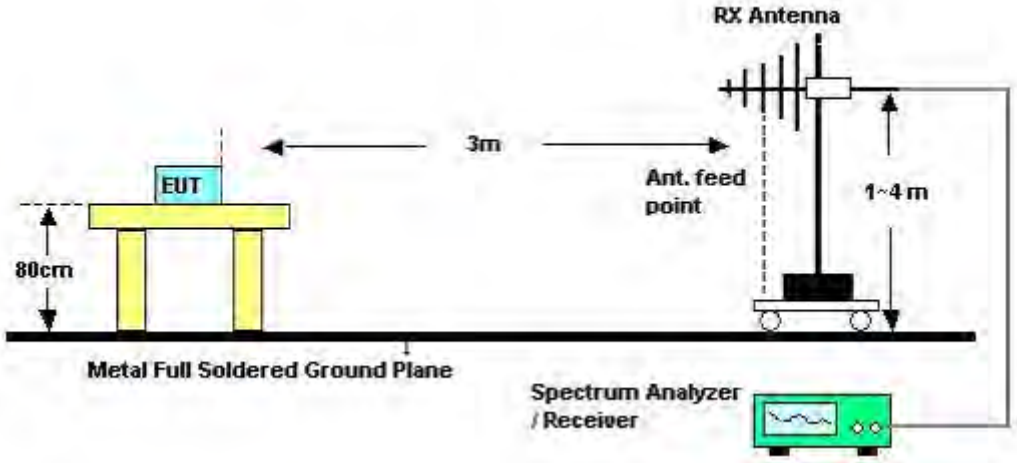
3.5.2 Measuring Instruments

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

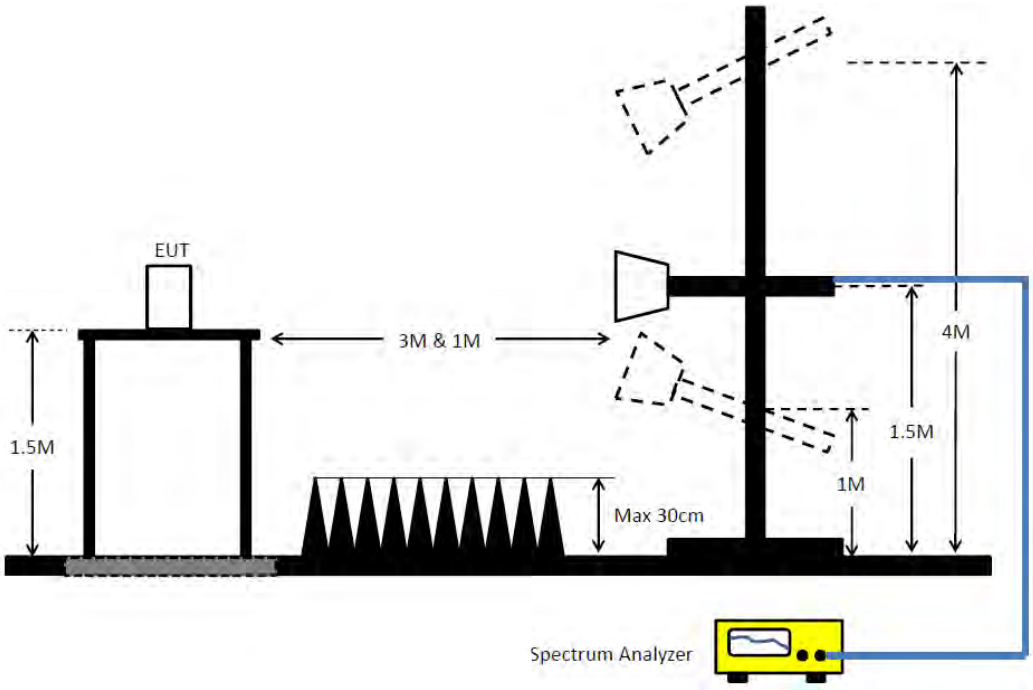
3.5.3 Test Procedures

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 ≥ 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 ≥ 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

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO01-CB)
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	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	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30MHz ~ 1GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 19, 2023	Feb. 18, 2024	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 18, 2024	Feb. 17, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 23, 2023	Jun. 22, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30MHz ~ 1GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30MHz ~ 1GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 07, 2023	Oct. 06, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 23, 2023	May 22, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-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	ETS • Lindgren	3115	00143147	750MHz~ 18GHz	Oct. 04, 2023	Oct. 03, 2024	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~ 40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~ 40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-04	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

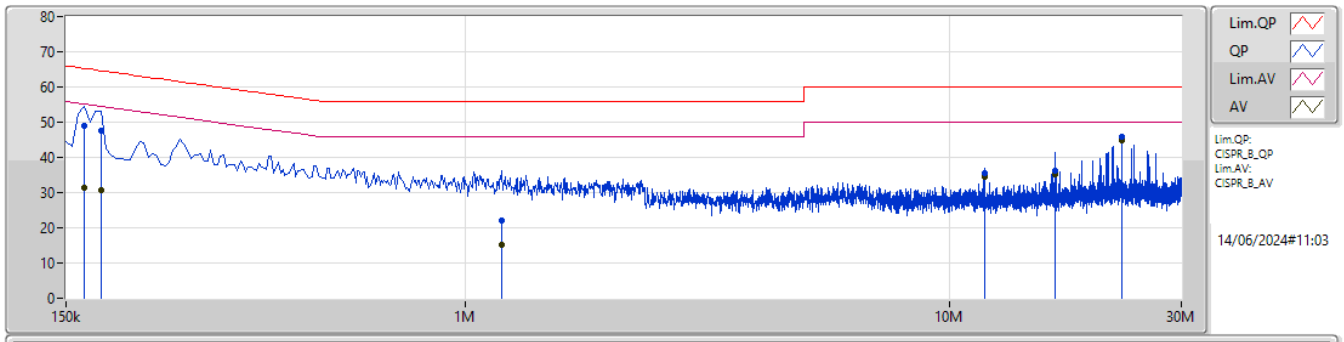
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

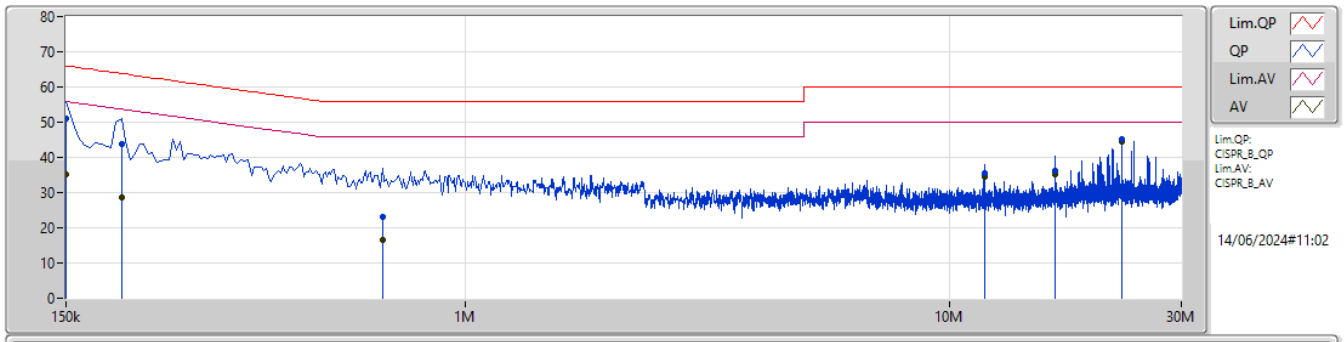
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 6	Pass	AV	22.641M	45.00	50.00	-5.00	Line

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	48.97	65.27	-16.30	9.92	Line	-	39.05	0.04	0.02	9.86
AV	163.5k	31.24	55.27	-24.03	9.92	Line	-	21.32	0.04	0.02	9.86
QP	177k	47.50	64.62	-17.12	9.92	Line	-	37.58	0.04	0.02	9.86
AV	177k	30.84	54.62	-23.78	9.92	Line	-	20.92	0.04	0.02	9.86
QP	1.185M	22.04	56.00	-33.96	10.00	Line	-	12.04	0.07	0.02	9.91
AV	1.185M	15.23	46.00	-30.77	10.00	Line	-	5.23	0.07	0.02	9.91
QP	11.76M	35.38	60.00	-24.62	10.34	Line	-	25.04	0.25	0.16	9.93
AV	11.76M	34.55	50.00	-15.45	10.34	Line	-	24.21	0.25	0.16	9.93
QP	16.467M	36.33	60.00	-23.67	10.46	Line	-	25.87	0.29	0.20	9.97
AV	16.467M	35.31	50.00	-14.69	10.46	Line	-	24.85	0.29	0.20	9.97
QP	22.641M	45.70	60.00	-14.30	10.60	Line	-	35.10	0.32	0.24	10.04
AV	22.641M	45.00	50.00	-5.00	10.60	Line	"Worst"	34.40	0.32	0.24	10.04

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	50.91	66.00	-15.09	9.95	Neutral	-	40.96	0.06	0.02	9.87
AV	150k	35.09	56.00	-20.91	9.95	Neutral	-	25.14	0.06	0.02	9.87
QP	195k	43.71	63.82	-20.11	9.93	Neutral	-	33.78	0.06	0.02	9.85
AV	195k	28.62	53.82	-25.20	9.93	Neutral	-	18.69	0.06	0.02	9.85
QP	676.5k	23.27	56.00	-32.73	9.98	Neutral	-	13.29	0.07	0.01	9.90
AV	676.5k	16.51	46.00	-29.49	9.98	Neutral	-	6.53	0.07	0.01	9.90
QP	11.76M	35.39	60.00	-24.61	10.34	Neutral	-	25.05	0.25	0.16	9.93
AV	11.76M	34.61	50.00	-15.39	10.34	Neutral	-	24.27	0.25	0.16	9.93
QP	16.467M	36.23	60.00	-23.77	10.45	Neutral	-	25.78	0.28	0.20	9.97
AV	16.467M	35.22	50.00	-14.78	10.45	Neutral	-	24.77	0.28	0.20	9.97
QP	22.641M	45.33	60.00	-14.67	10.62	Neutral	-	34.71	0.34	0.24	10.04
AV	22.641M	44.42	50.00	-5.58	10.62	Neutral	"Worst"	33.80	0.34	0.24	10.04

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.85-5.895GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.555M	16.668M	16M7D1D	16.555M	16.58M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.26M	18.766M	18M8D1D	17.105M	18.641M

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

Result

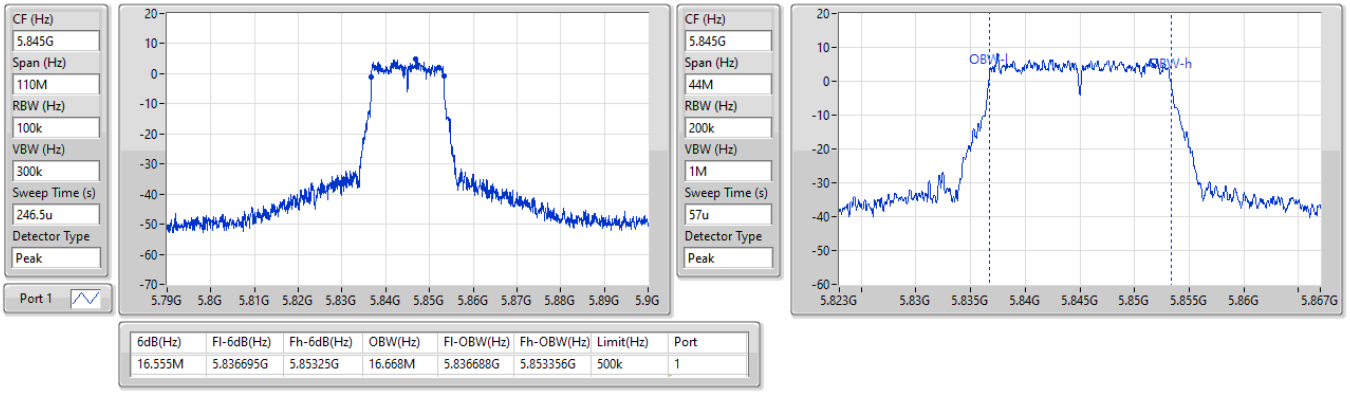
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5845MHz	Pass	500k	16.555M	16.668M
5865MHz	Pass	500k	16.555M	16.624M
5885MHz	Pass	500k	16.555M	16.58M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5845MHz	Pass	500k	17.105M	18.666M
5865MHz	Pass	500k	18.26M	18.766M
5885MHz	Pass	500k	17.985M	18.641M

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

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5845MHz

07/05/2024

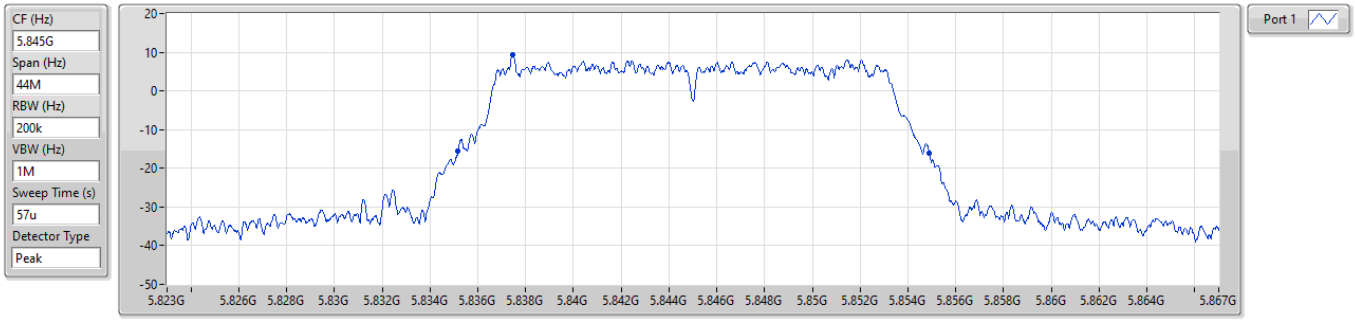


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.555M	5.836695G	5.85325G	16.668M	5.836688G	5.853356G	500k	1

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5845MHz

07/05/2024

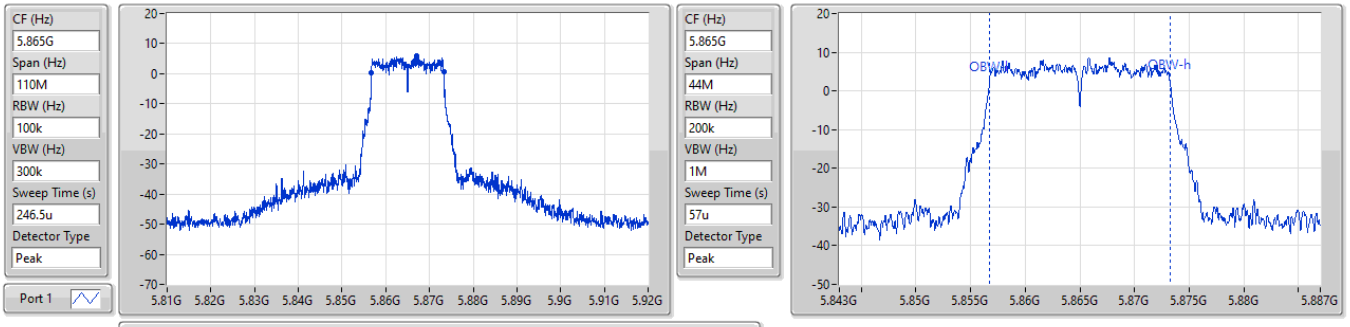


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.734M	5.835166G	5.8549G	Inf	1

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5865MHz

07/05/2024

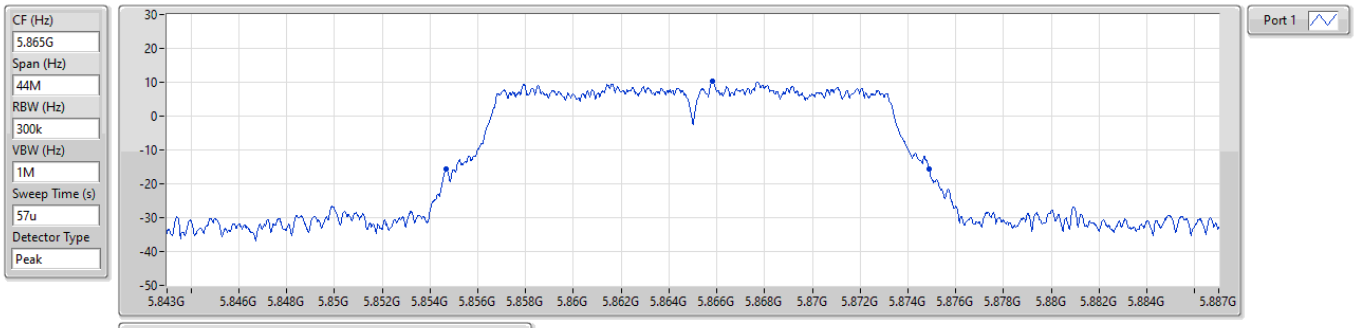


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.555M	5.856695G	5.87325G	16.624M	5.856688G	5.873312G	500k	1

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5865MHz

07/05/2024

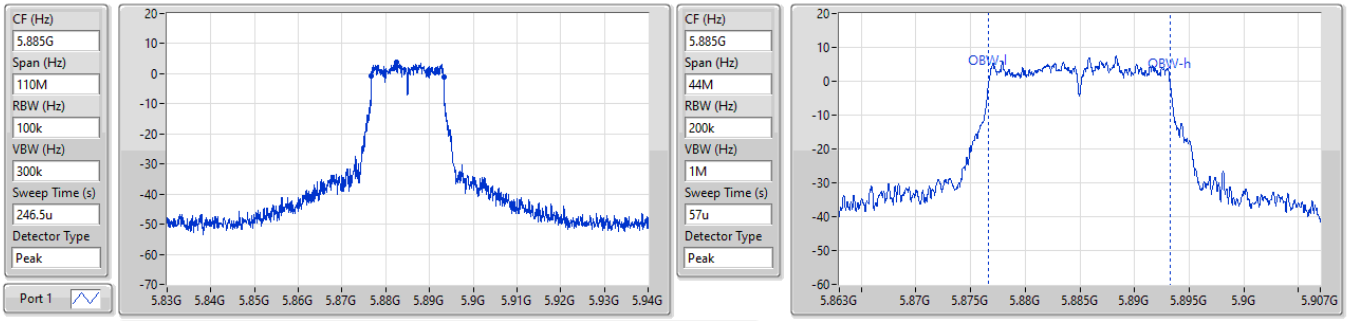


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.218M	5.85466G	5.874878G	Inf	1

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5885MHz

07/05/2024

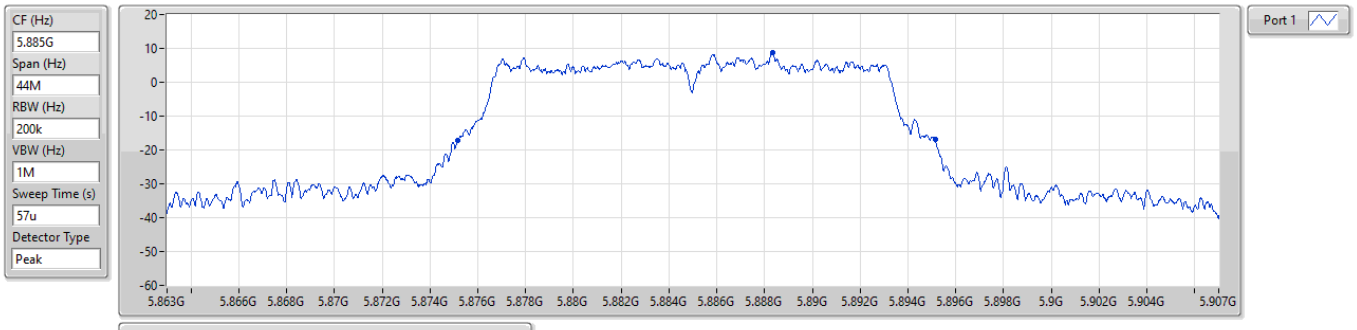


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.555M	5.876695G	5.89325G	16.58M	5.876666G	5.893246G	500k	1

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **EBW**

5885MHz

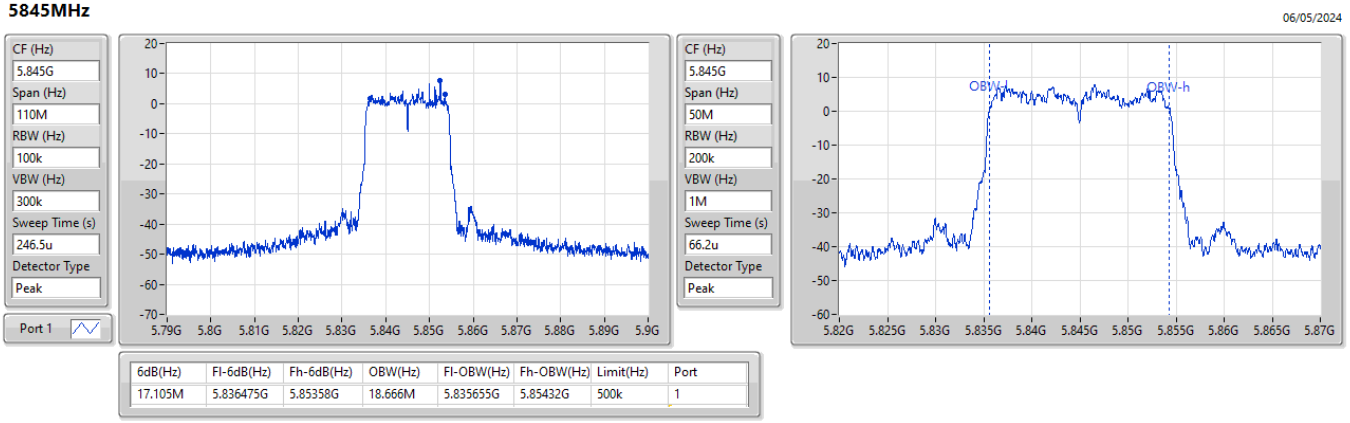
07/05/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.976M	5.875166G	5.895142G	Inf	1

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

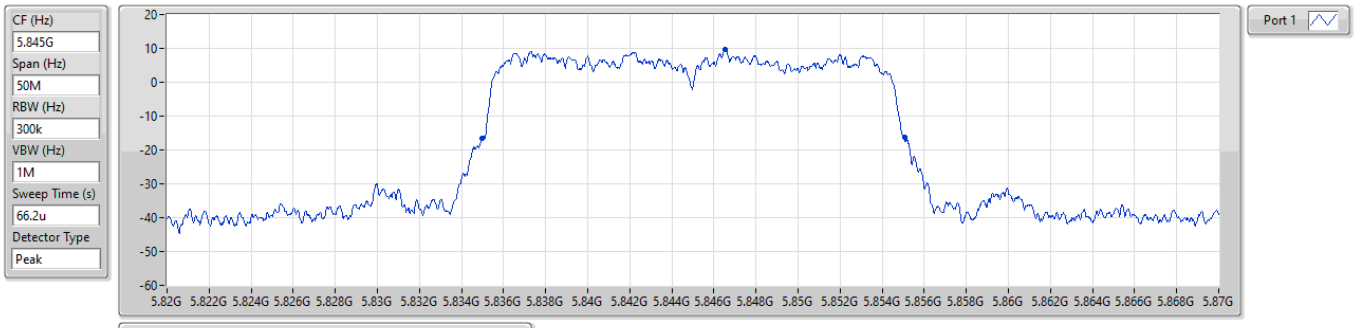
5845MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.105M	5.836475G	5.85358G	18.666M	5.835655G	5.85432G	500k	1

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5845MHz

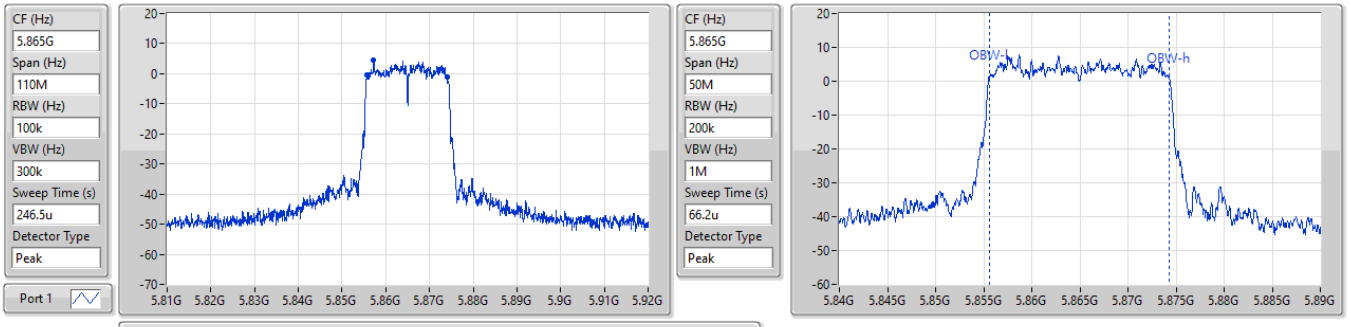


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.1M	5.834975G	5.855075G	Inf	1

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5865MHz

06/05/2024

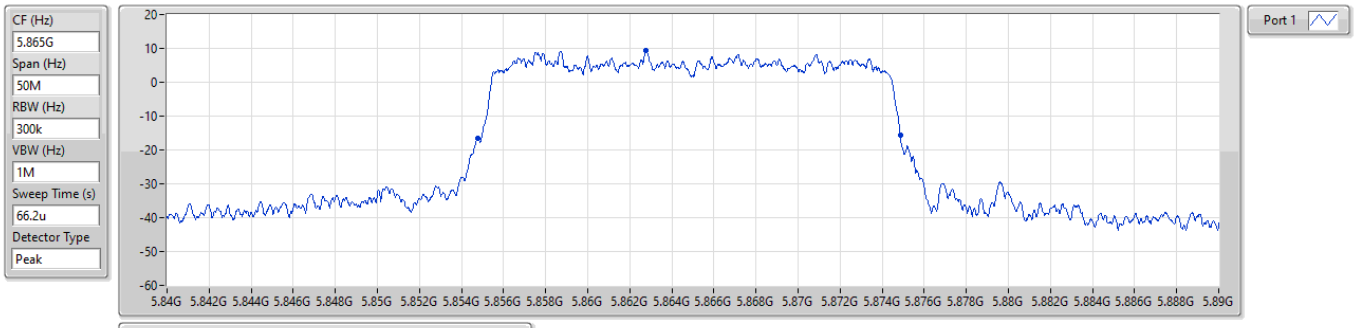


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.26M	5.855705G	5.873965G	18.766M	5.855555G	5.87432G	500k	1

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5865MHz

06/05/2024

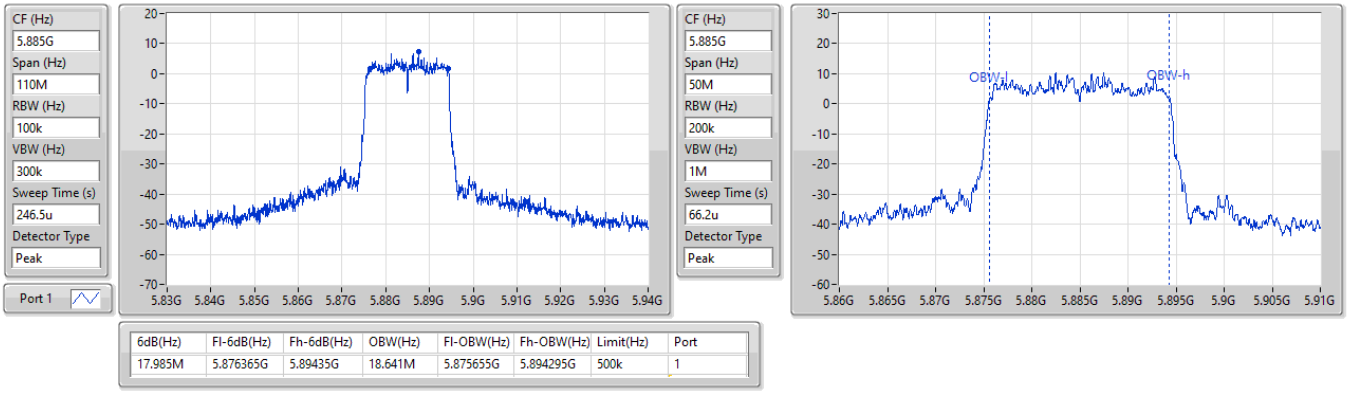


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
20.075M	5.854775G	5.87485G	Inf	1

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5885MHz

06/05/2024

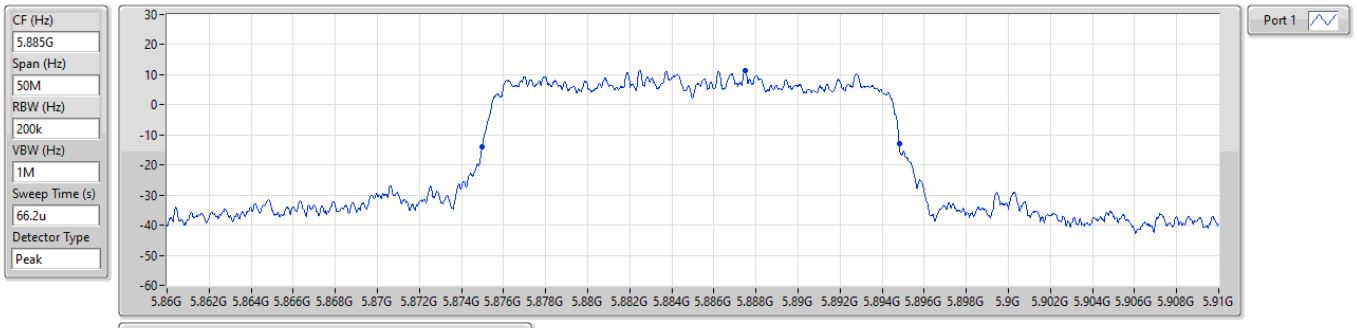


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.985M	5.876365G	5.89435G	18.641M	5.875655G	5.894295G	500k	1

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

5885MHz

06/05/2024



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
19.825M	5.874975G	5.8948G	Inf	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.85-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.80	0.09550	24.80	0.30200
802.11ax HEW20_Nss1,(MCS0)_1TX	19.18	0.08279	24.18	0.26182

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	18.44	18.44	30.00	23.44	30.00
5865MHz	Pass	5.00	19.80	19.80	Inf	24.80	30.00
5885MHz	Pass	5.00	17.93	17.93	Inf	22.93	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	18.21	18.21	30.00	23.21	30.00
5865MHz	Pass	5.00	17.90	17.90	Inf	22.90	30.00
5885MHz	Pass	5.00	19.18	19.18	Inf	24.18	30.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.85-5.895GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.49	12.49
802.11ax HEW20_Nss1,(MCS0)_1TX	6.57	11.57

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

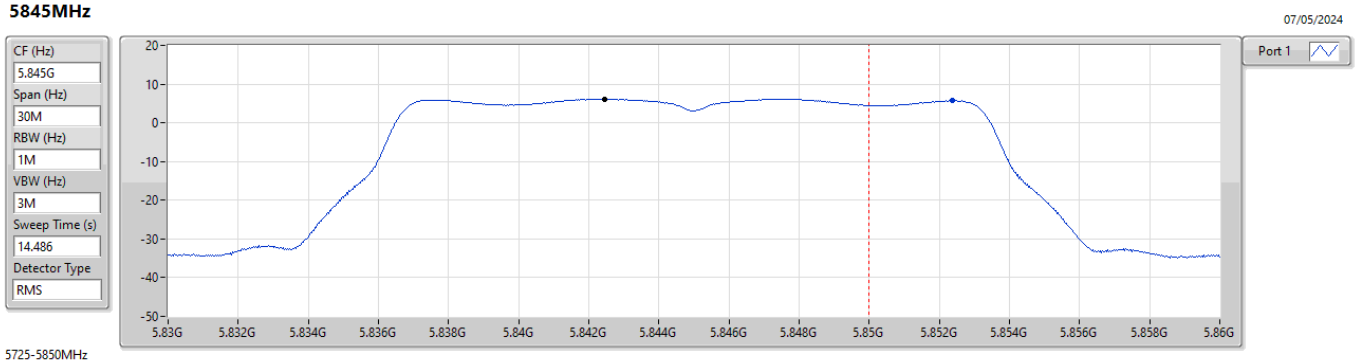
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	5.69	5.69	Inf	10.69	14.00
5865MHz	Pass	5.00	7.49	7.49	Inf	12.49	14.00
5885MHz	Pass	5.00	5.65	5.65	Inf	10.65	14.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5845MHz	Pass	5.00	5.12	5.12	Inf	10.12	14.00
5865MHz	Pass	5.00	5.25	5.25	Inf	10.25	14.00
5885MHz	Pass	5.00	6.57	6.57	Inf	11.57	14.00

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;

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

5845MHz



5725-5850MHz

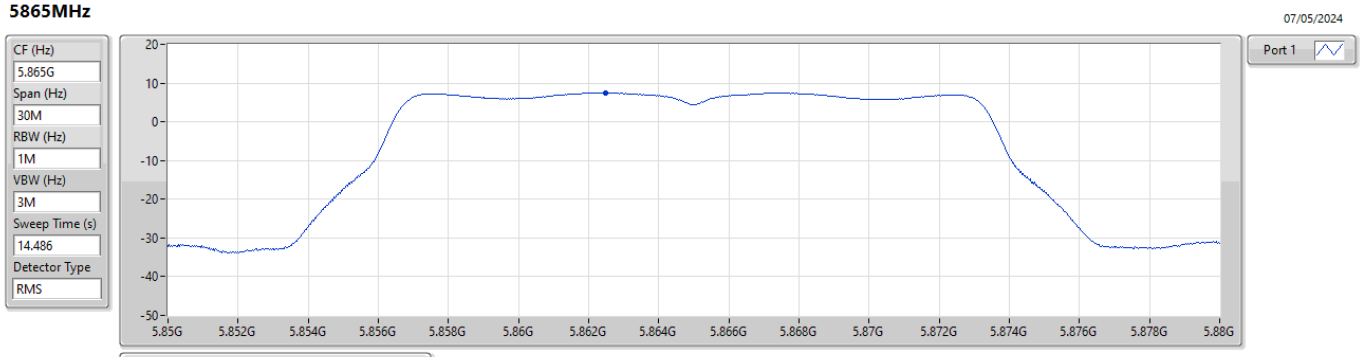
Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
6.18	3.17	500k	-3.01

5850~5895MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	5.69

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

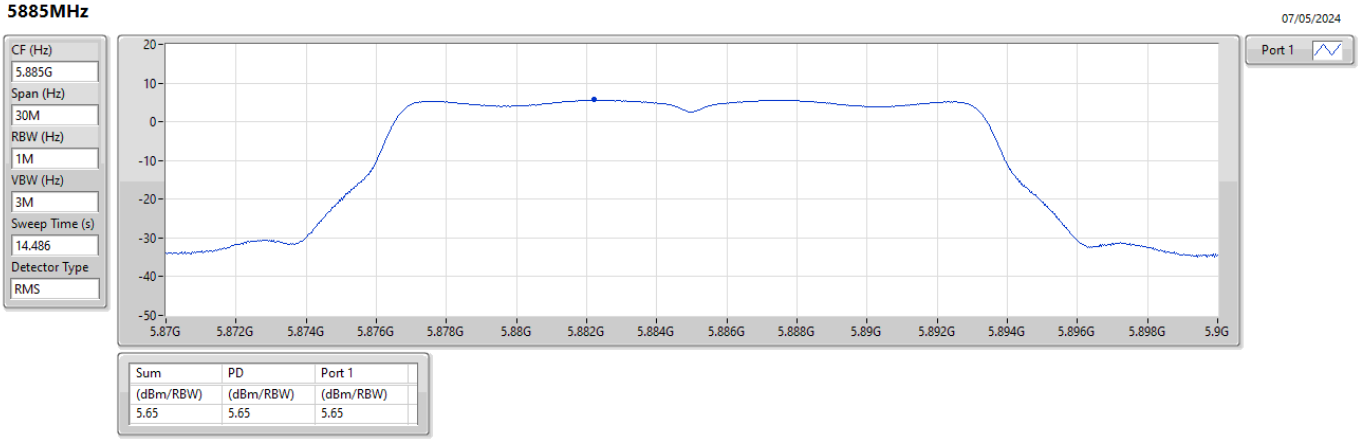
5865MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.49	7.49	7.49

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX **PSD**

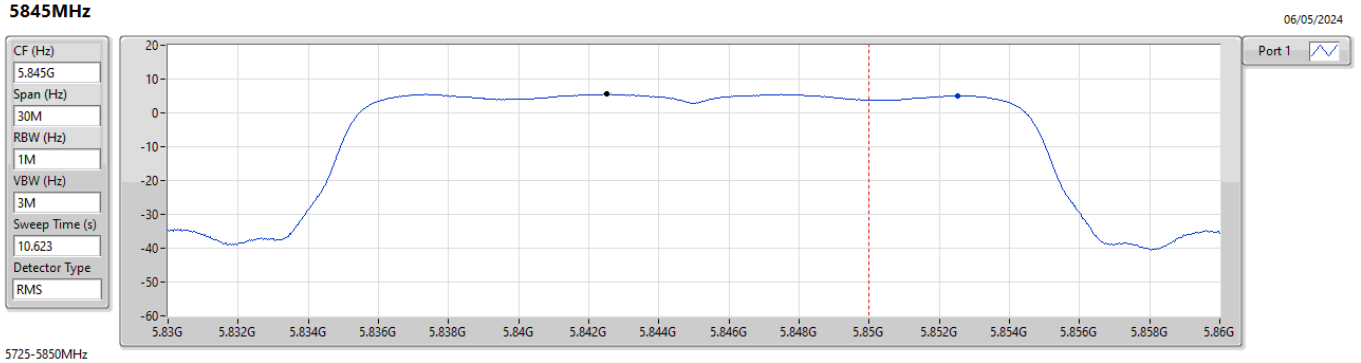
5885MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	5.65

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5845MHz



5725-5850MHz

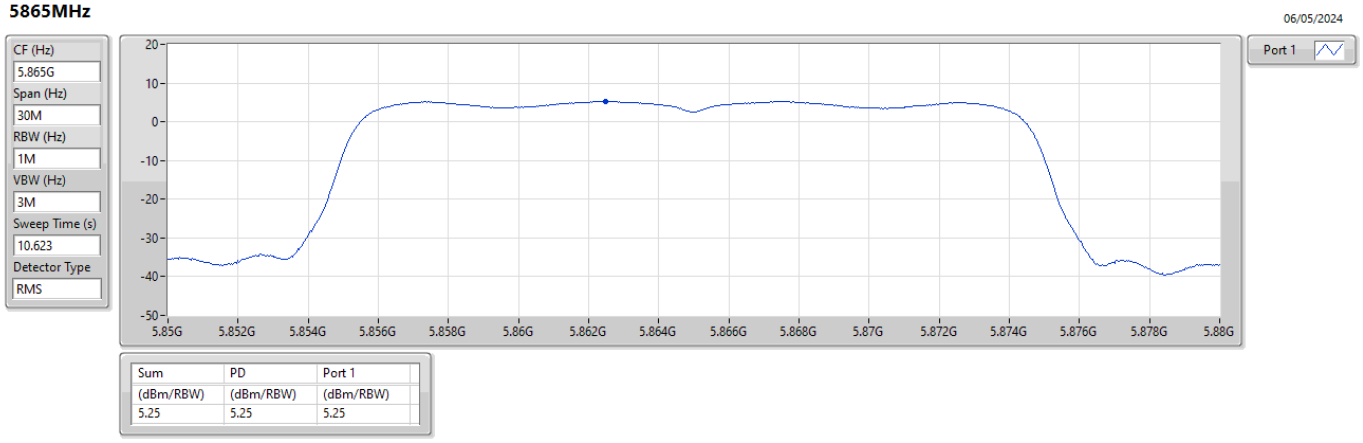
Sum	PD	Limit RBW	BWCF
(dBm)	(dBm)	(Hz)	(dB)
5.51	2.50	500k	-3.01

5850~5895MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.12	5.12	5.12

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

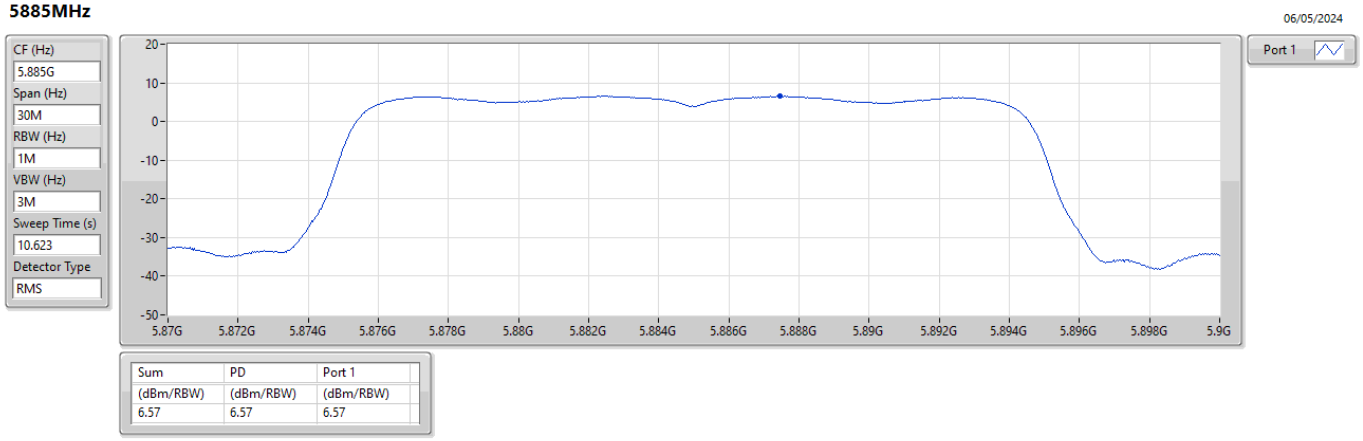
5865MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.25	5.25	5.25

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5885MHz

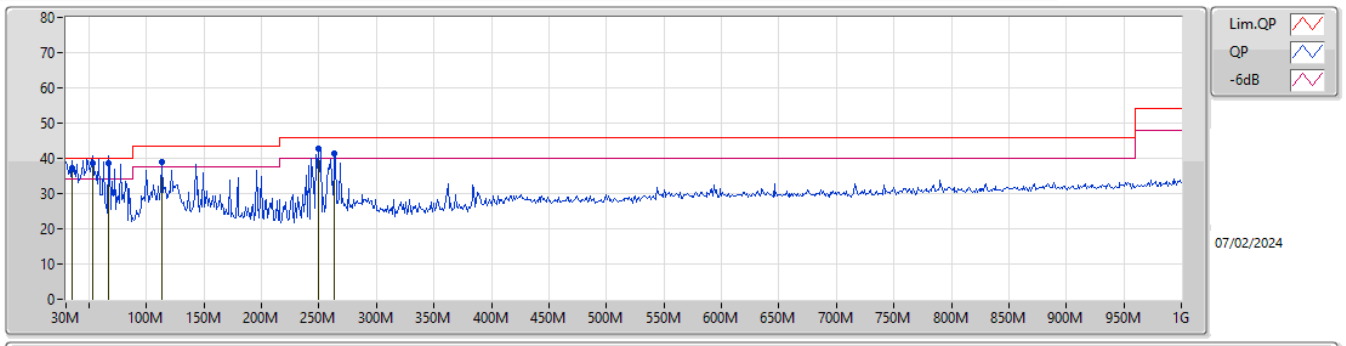


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	6.57

Summary

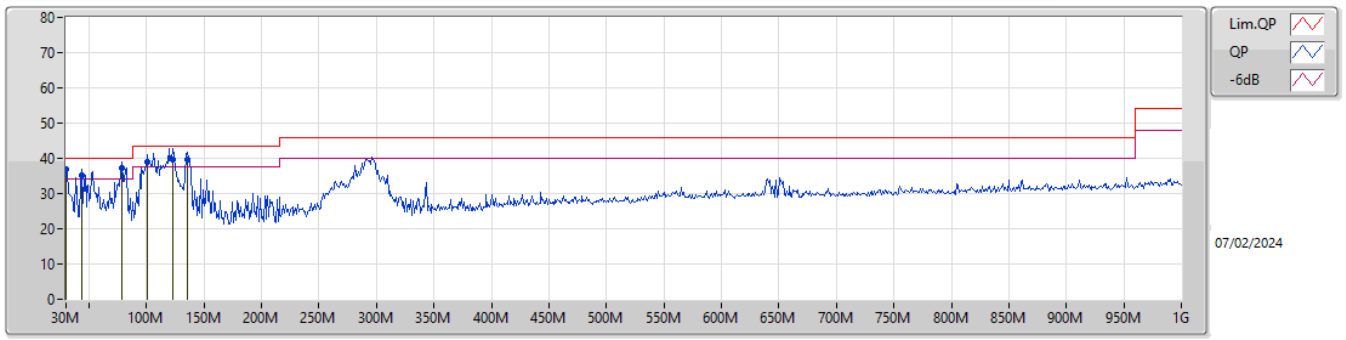
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	53.28M	38.62	40.00	-1.38	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	34.85M	37.26	40.00	-2.74	-22.26	3	Vertical	43	1.00	-	59.52	21.35	0.71	44.32
QP	53.28M	38.62	40.00	-1.38	-31.40	3	Vertical	253	1.25	"Worst"	70.02	12.36	0.86	44.62
QP	66.86M	38.57	40.00	-1.43	-32.32	3	Vertical	178	1.00	-	70.89	11.39	0.92	44.63
PK	113.42M	39.05	43.50	-4.45	-26.37	3	Vertical	150	1.25	-	65.42	17.04	1.21	44.62
PK	249.22M	42.62	46.00	-3.38	-25.27	3	Vertical	166	2.00	-	67.89	17.38	1.73	44.38
PK	263.77M	41.21	46.00	-4.79	-23.53	3	Vertical	166	2.00	-	64.74	19.02	1.80	44.35

Mode 2



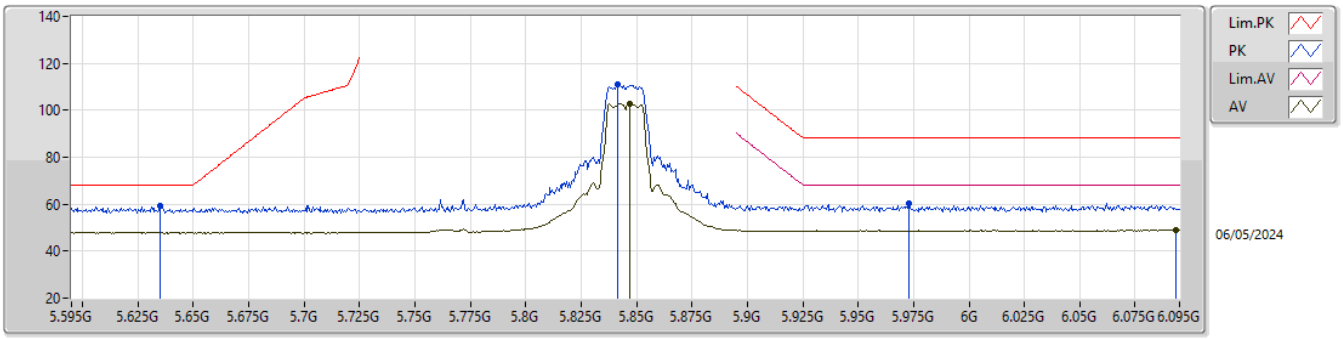
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	37.00	40.00	-3.00	-19.56	3	Horizontal	177	1.25	-	56.56	24.08	0.68	44.32
QP	43.58M	35.05	40.00	-4.95	-27.26	3	Horizontal	174	1.25	-	62.31	16.35	0.82	44.43
QP	78.5M	37.12	40.00	-2.88	-31.71	3	Horizontal	131	1.25	"Worst"	68.83	11.88	1.00	44.59
QP	100.81M	39.06	43.50	-4.44	-27.52	3	Horizontal	162	2.00	-	66.58	15.94	1.14	44.60
QP	123.12M	39.82	43.50	-3.68	-26.18	3	Horizontal	156	2.00	-	66.00	17.20	1.25	44.63
QP	135.73M	39.73	43.50	-3.77	-26.65	3	Horizontal	156	2.00	-	66.38	16.66	1.30	44.61

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.85-5.895GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	11.68968G	52.93	54.00	-1.07	3	Horizontal	239	1.77	-

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5845MHz_TX

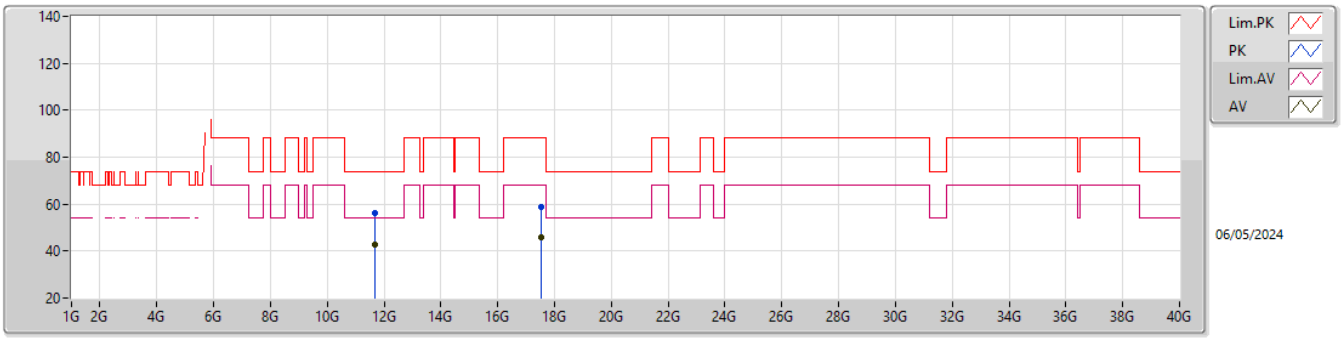


EUT Y_1TX
Setting 23
04-S-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.635G	59.17	68.20	-9.03	52.44	3	Vertical	66	1.75	-	34.23	7.46	34.96
PK	5.8415G	111.04	Inf	-Inf	104.26	3	Vertical	66	1.75	-	34.28	7.56	35.06
AV	5.847G	102.93	Inf	-Inf	96.14	3	Vertical	66	1.75	-	34.29	7.57	35.07
PK	5.973G	60.40	88.20	-27.80	53.26	3	Vertical	66	1.75	-	34.60	7.67	35.13
RMS	6.0935G	49.11	68.20	-19.09	41.55	3	Vertical	66	1.75	-	34.86	7.80	35.10

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5845MHz_TX

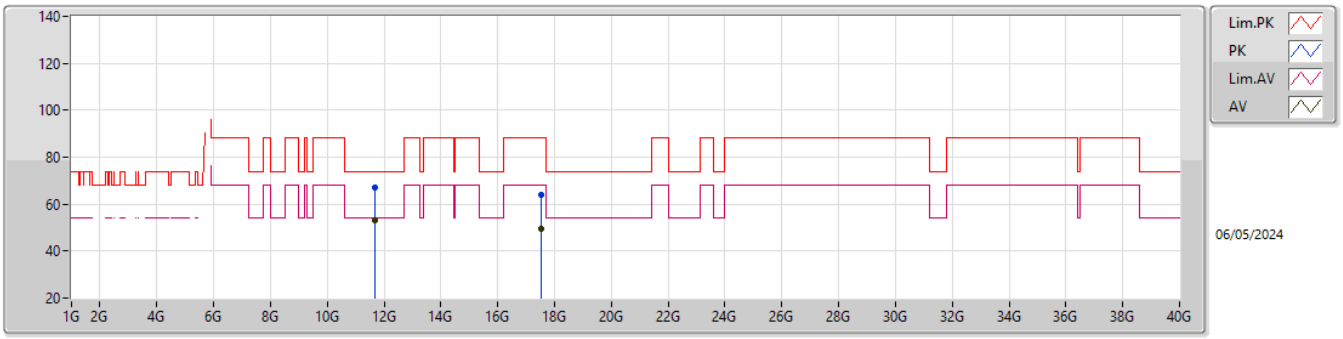


EUT Y_1TX
Setting 23
04-S-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.68654G	56.46	74.00	-17.54	48.84	3	Vertical	88	2.13	-	39.35	11.35	43.08
AV	11.68992G	42.85	54.00	-11.15	35.22	3	Vertical	88	2.13	-	39.36	11.35	43.08
PK	17.54122G	59.02	88.20	-29.18	44.57	3	Vertical	217	2.31	-	42.91	13.72	42.18
RMS	17.54038G	45.66	68.20	-22.54	31.22	3	Vertical	217	2.31	-	42.90	13.72	42.18

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5845MHz_TX

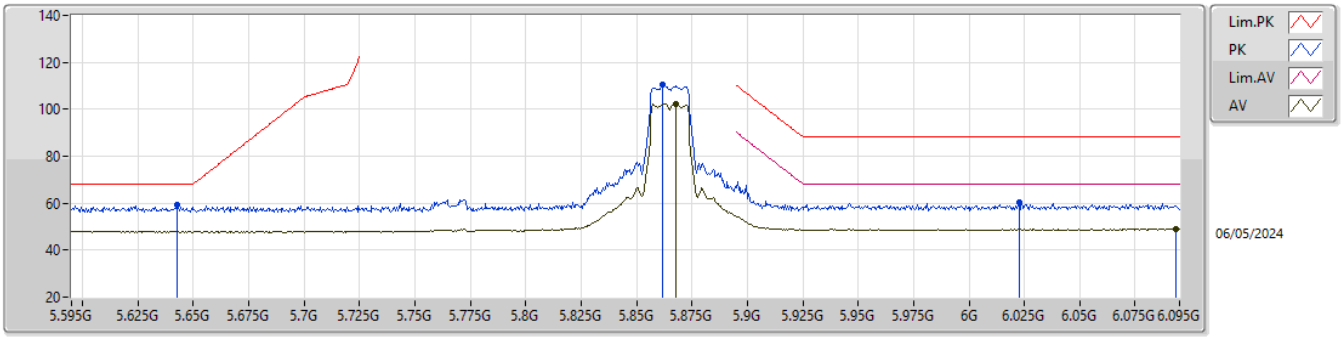


EUT Y_1TX
Setting 23
04-S-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.69026G	66.82	74.00	-7.18	59.19	3	Horizontal	239	1.77	-	39.36	11.35	43.08
AV	11.68968G	52.93	54.00	-1.07	45.30	3	Horizontal	239	1.77	-	39.36	11.35	43.08
PK	17.53996G	64.17	88.20	-24.03	49.73	3	Horizontal	212	1.60	-	42.90	13.72	42.18
RMS	17.53802G	49.69	68.20	-18.51	35.28	3	Horizontal	212	1.60	-	42.88	13.72	42.19

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5865MHz_TX

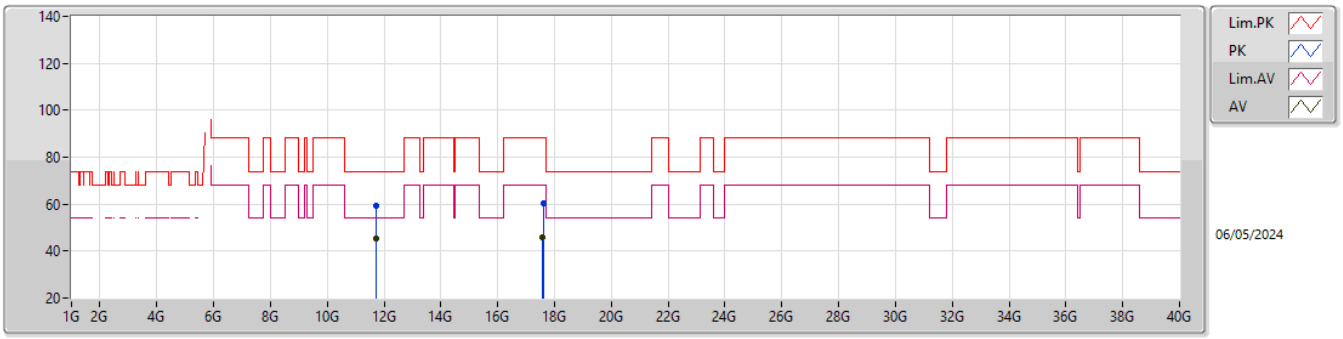


EUT Y_1TX
Setting 23
04-S-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6425G	59.19	68.20	-9.01	52.48	3	Vertical	66	1.75	-	34.22	7.46	34.97
PK	5.8615G	110.73	Inf	-Inf	103.87	3	Vertical	66	1.75	-	34.35	7.58	35.07
AV	5.8675G	102.44	Inf	-Inf	95.57	3	Vertical	66	1.75	-	34.37	7.58	35.08
PK	6.0225G	60.16	88.20	-28.04	52.97	3	Vertical	66	1.75	-	34.60	7.72	35.13
RMS	6.0935G	49.05	68.20	-19.15	41.49	3	Vertical	66	1.75	-	34.86	7.80	35.10

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5865MHz_TX

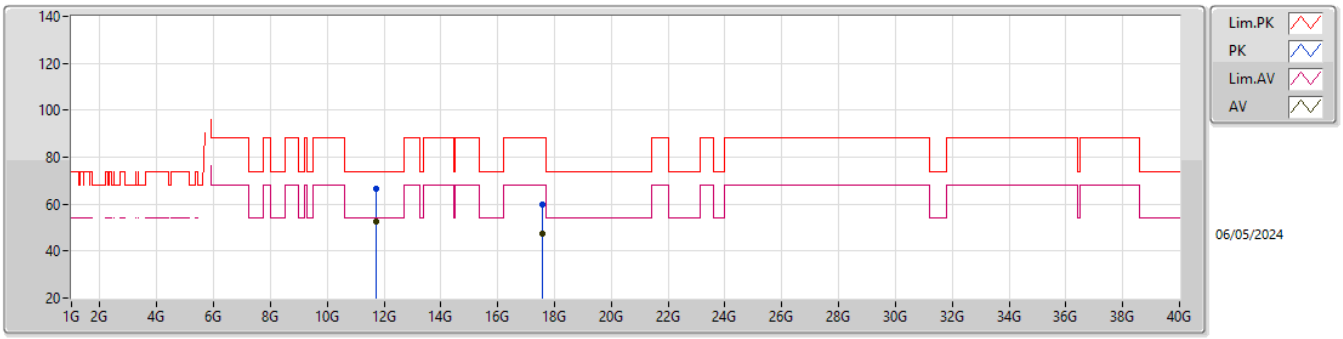


EUT Y_1TX
Setting 23
04-S-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.72902G	59.50	74.00	-14.50	51.73	3	Vertical	98	1.80	-	39.46	11.37	43.06
AV	11.72938G	45.32	54.00	-8.68	37.55	3	Vertical	98	1.80	-	39.46	11.37	43.06
PK	17.59626G	60.50	88.20	-27.70	45.39	3	Vertical	288	1.80	-	43.46	13.74	42.09
RMS	17.59526G	45.88	68.20	-22.32	30.78	3	Vertical	288	1.80	-	43.45	13.74	42.09

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5865MHz_TX

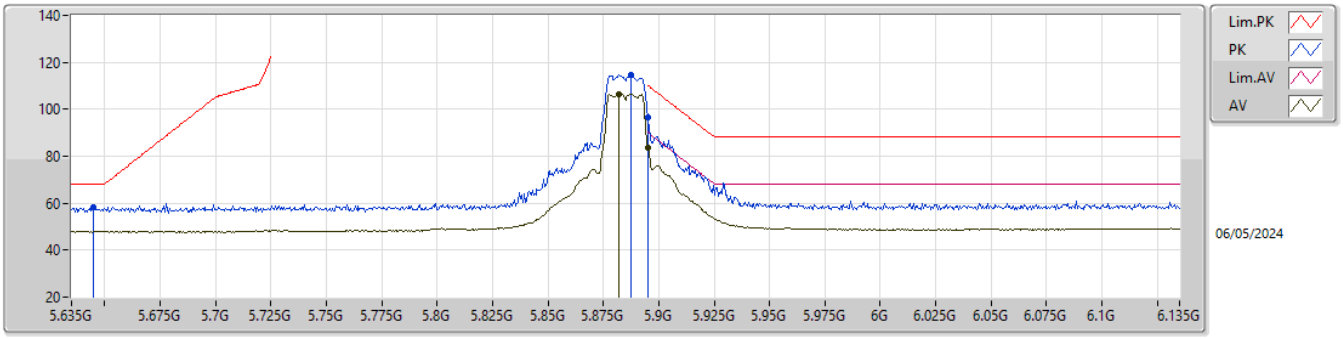


EUT Y_1TX
Setting 23
04-S-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.72654G	66.43	74.00	-7.57	58.67	3	Horizontal	316	1.96	-	39.45	11.37	43.06
AV	11.72998G	52.65	54.00	-1.35	44.88	3	Horizontal	316	1.96	-	39.46	11.37	43.06
PK	17.59262G	59.61	88.20	-28.59	44.53	3	Horizontal	100	2.59	-	43.43	13.74	42.09
RMS	17.59354G	47.53	68.20	-20.67	32.44	3	Horizontal	100	2.59	-	43.44	13.74	42.09

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5885MHz_TX

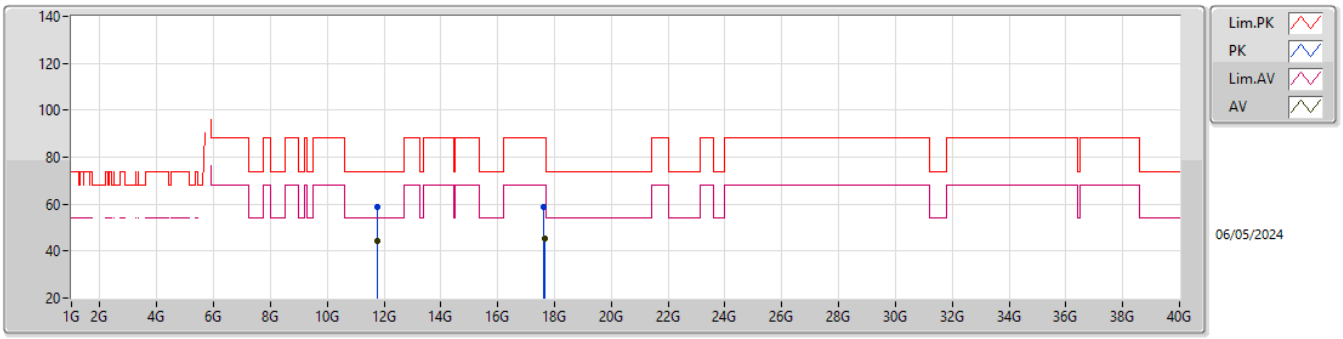


EUT Y_1TX
Setting 24
03-S-J-8-10

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	5.645G	58.08	68.20	-10.12	51.38	3	Vertical	262	1.71	-	34.21	7.46	34.97
PK	5.8875G	114.80	Inf	-Inf	107.84	3	Vertical	262	1.71	-	34.45	7.60	35.09
AV	5.882G	106.62	Inf	-Inf	99.67	3	Vertical	262	1.71	-	34.43	7.60	35.08
PK	5.895G	96.72	110.20	-13.48	89.72	3	Vertical	262	1.71	-	34.48	7.61	35.09
RMS	5.895G	83.83	90.20	-6.37	76.83	3	Vertical	262	1.71	-	34.48	7.61	35.09

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5885MHz_TX

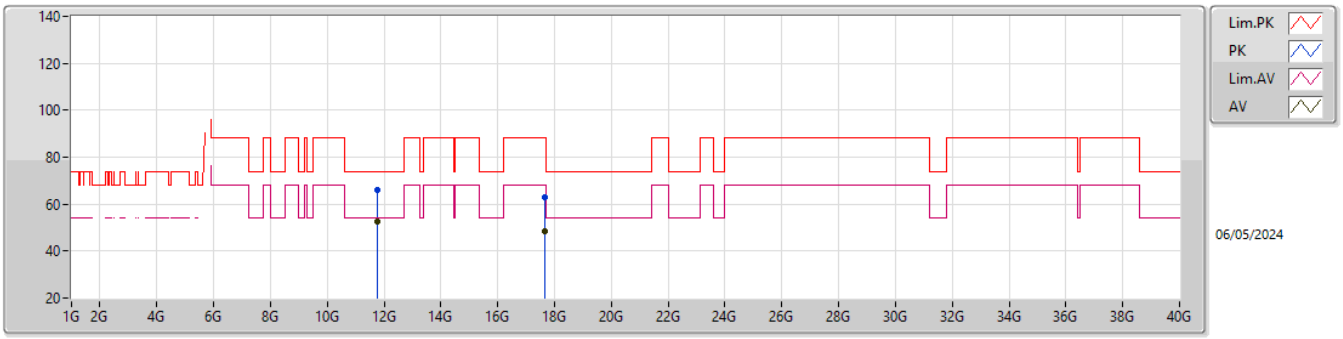


EUT Y_1TX
Setting 24
03-S-J-8

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	11.7695G	58.78	74.00	-15.22	50.96	3	Vertical	93	1.80	-	39.46	11.39	43.03
AV	11.76985G	44.46	54.00	-9.54	36.64	3	Vertical	93	1.80	-	39.46	11.39	43.03
PK	17.63005G	59.03	88.20	-29.17	43.63	3	Vertical	19	1.09	-	43.68	13.75	42.03
RMS	17.64325G	45.54	68.20	-22.66	30.03	3	Vertical	19	1.09	-	43.76	13.76	42.01

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5885MHz_TX

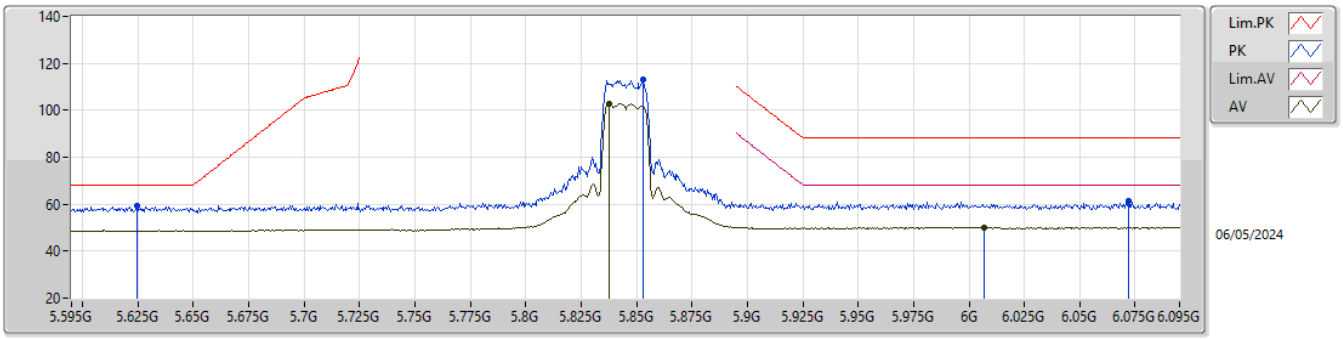


EUT Y_1TX
Setting 24
03-S-J-8

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	11.76655G	66.13	74.00	-7.87	58.30	3	Horizontal	230	1.87	-	39.47	11.39	43.03
AV	11.7695G	52.60	54.00	-1.40	44.78	3	Horizontal	230	1.87	-	39.46	11.39	43.03
PK	17.6557G	62.79	88.20	-25.41	47.19	3	Horizontal	215	1.40	-	43.83	13.76	41.99
RMS	17.65395G	48.34	68.20	-19.86	32.75	3	Horizontal	215	1.40	-	43.82	13.76	41.99

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5845MHz_TX

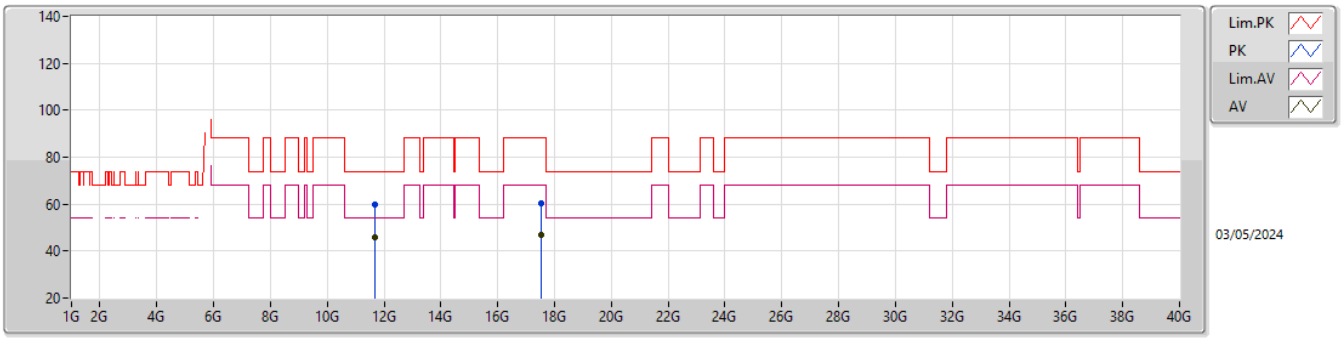


EUT Y_1TX
Setting 23
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6245G	59.25	68.20	-8.95	52.75	3	Vertical	107	1.80	-	33.70	6.22	33.42
PK	5.853G	113.01	Inf	-Inf	105.83	3	Vertical	107	1.80	-	34.42	6.25	33.49
AV	5.8375G	102.86	Inf	-Inf	95.76	3	Vertical	107	1.80	-	34.35	6.23	33.48
PK	6.072G	61.34	88.20	-26.86	53.37	3	Vertical	107	1.80	-	35.04	6.46	33.53
RMS	6.007G	50.20	68.20	-18.00	42.34	3	Vertical	107	1.80	-	35.00	6.39	33.53

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5845MHz_TX

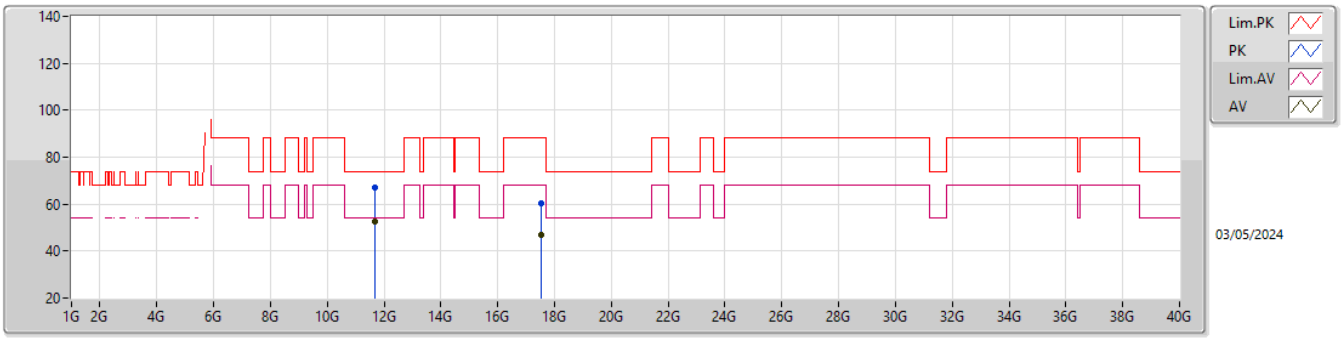


EUT Y_1TX
Setting 20.5
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.69069G	60.01	74.00	-13.99	54.80	3	Vertical	19	1.80	-	38.72	9.57	43.08
AV	11.69066G	45.86	54.00	-8.14	40.65	3	Vertical	19	1.80	-	38.72	9.57	43.08
PK	17.53047G	60.27	88.20	-27.93	47.95	3	Vertical	322	2.76	-	41.84	12.68	42.20
RMS	17.52714G	46.97	68.20	-21.23	34.64	3	Vertical	322	2.76	-	41.85	12.68	42.20

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5845MHz_TX

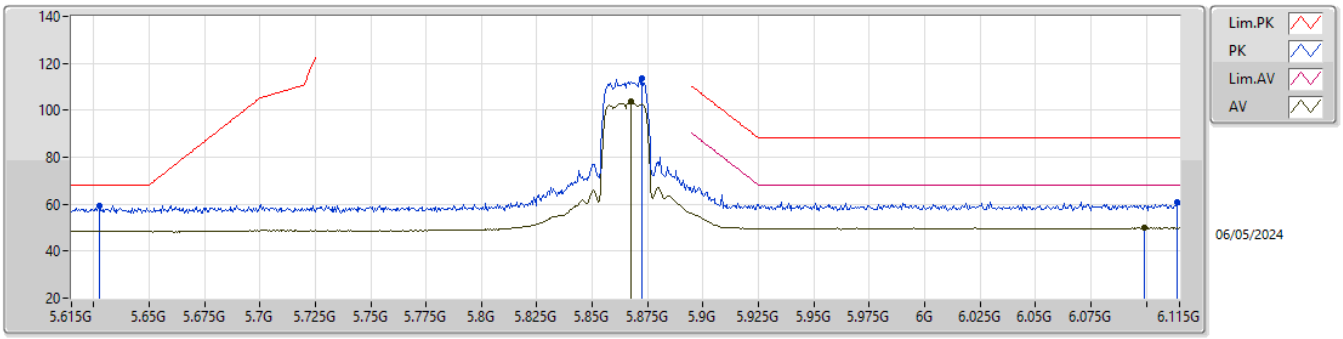


EUT Y_1TX
Setting 20.5
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.68814G	66.85	74.00	-7.15	61.64	3	Horizontal	45	1.37	-	38.72	9.57	43.08
AV	11.69015G	52.60	54.00	-1.40	47.39	3	Horizontal	45	1.37	-	38.72	9.57	43.08
PK	17.52018G	60.26	88.20	-27.94	47.95	3	Horizontal	9	2.53	-	41.86	12.67	42.22
RMS	17.52213G	47.02	68.20	-21.18	34.69	3	Horizontal	9	2.53	-	41.86	12.68	42.21

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5865MHz_TX

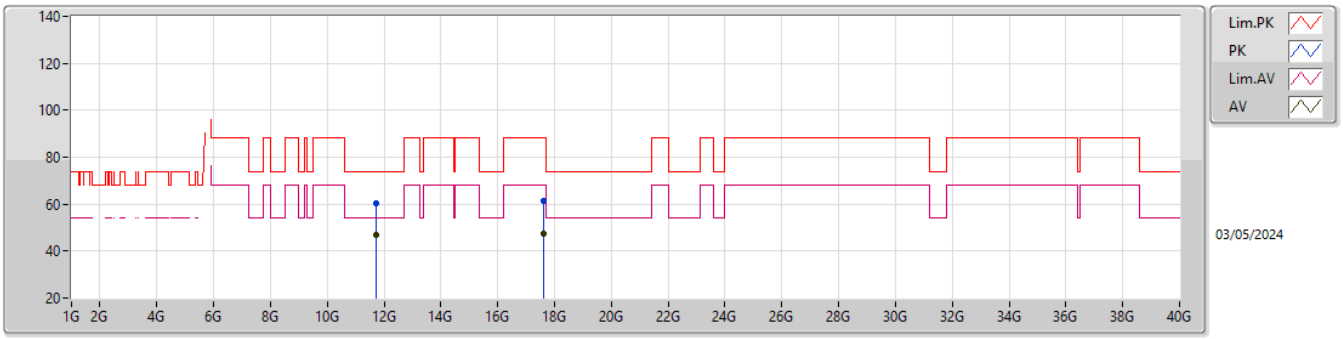


EUT Y_1TX
Setting 23
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6275G	59.27	68.20	-8.93	52.78	3	Vertical	248	1.80	-	33.70	6.22	33.43
PK	5.8725G	113.80	Inf	-Inf	106.49	3	Vertical	248	1.80	-	34.53	6.27	33.49
AV	5.8675G	103.60	Inf	-Inf	96.32	3	Vertical	248	1.80	-	34.51	6.26	33.49
PK	6.114G	61.12	88.20	-27.08	53.04	3	Vertical	248	1.80	-	35.10	6.51	33.53
RMS	6.099G	49.92	68.20	-18.28	41.86	3	Vertical	248	1.80	-	35.10	6.49	33.53

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5865MHz_TX

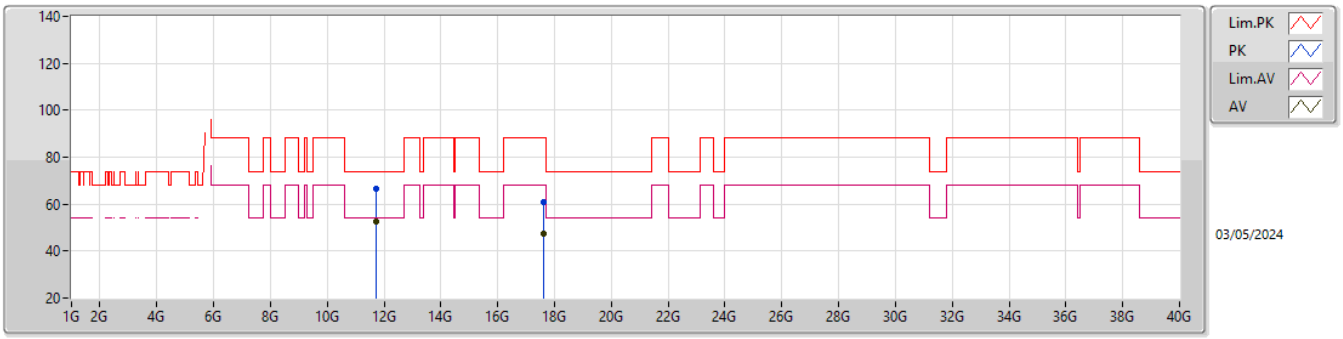


EUT Y_1TX
Setting 20.5
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.73105G	60.24	74.00	-13.76	55.01	3	Vertical	16	1.84	-	38.70	9.59	43.06
AV	11.73003G	46.79	54.00	-7.21	41.56	3	Vertical	16	1.84	-	38.70	9.59	43.06
PK	17.60892G	61.52	88.20	-26.68	48.98	3	Vertical	39	1.97	-	41.86	12.75	42.07
RMS	17.60997G	47.29	68.20	-20.91	34.75	3	Vertical	39	1.97	-	41.86	12.75	42.07

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5865MHz_TX

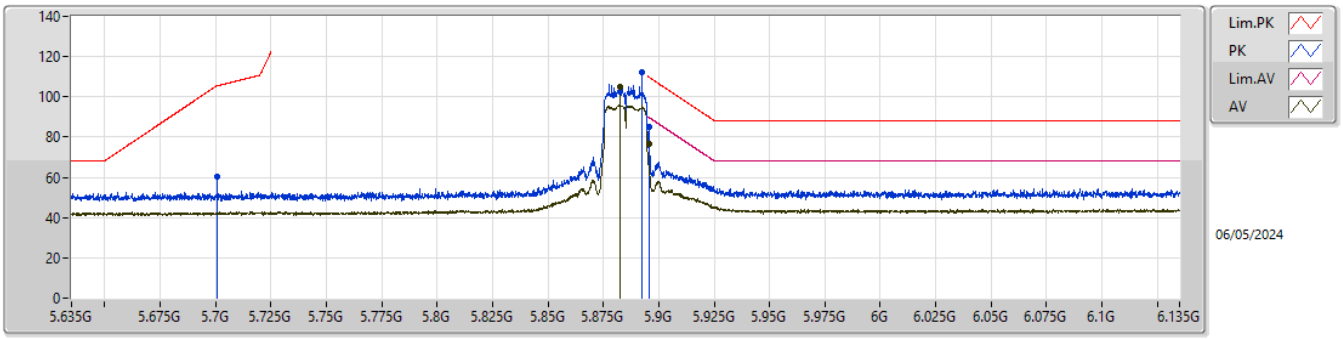


EUT Y_1TX
Setting 20.5
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.72394G	66.72	74.00	-7.28	61.49	3	Horizontal	44	1.40	-	38.70	9.59	43.06
AV	11.72997G	52.72	54.00	-1.28	47.49	3	Horizontal	44	1.40	-	38.70	9.59	43.06
PK	17.60712G	60.98	88.20	-27.22	48.44	3	Horizontal	211	1.36	-	41.87	12.74	42.07
RMS	17.60985G	47.38	68.20	-20.82	34.84	3	Horizontal	211	1.36	-	41.86	12.75	42.07

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5885MHz_TX

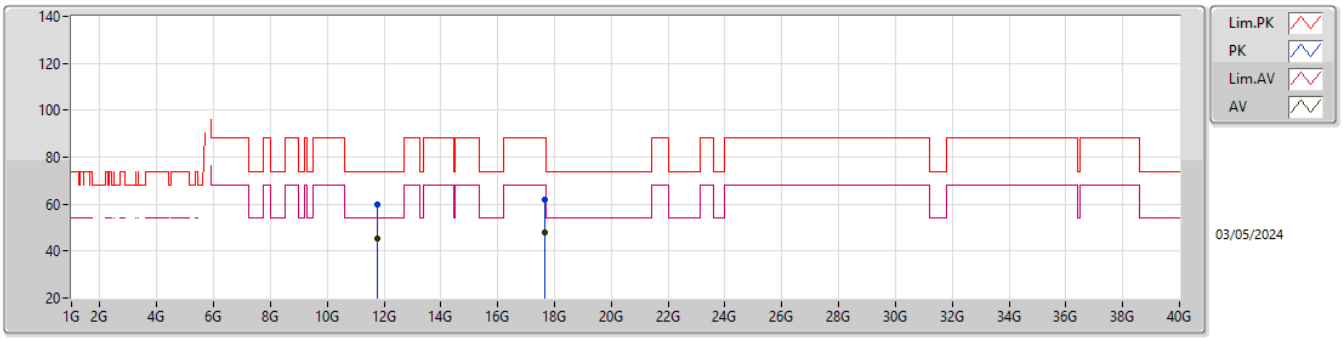


EUT Y_1TX
Setting 23
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7005G	60.57	105.34	-44.77	54.01	3	Vertical	273	1.56	80_BP 1MI	33.80	6.21	33.45
PK	5.89263G	112.50	Inf	-Inf	105.06	3	Vertical	273	1.56	80_BP 1MI	34.66	6.28	33.50
AV	5.88263G	105.16	Inf	-Inf	97.79	3	Vertical	273	1.56	80_BP 1MI	34.60	6.27	33.50
PK	5.8955G	85.10	109.83	-24.73	77.64	3	Vertical	273	1.56	80_BP 1MI	34.67	6.29	33.50
RMS	5.8955G	76.73	89.83	-13.10	69.27	3	Vertical	273	1.56	80_BP 1MI	34.67	6.29	33.50

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5885MHz_TX

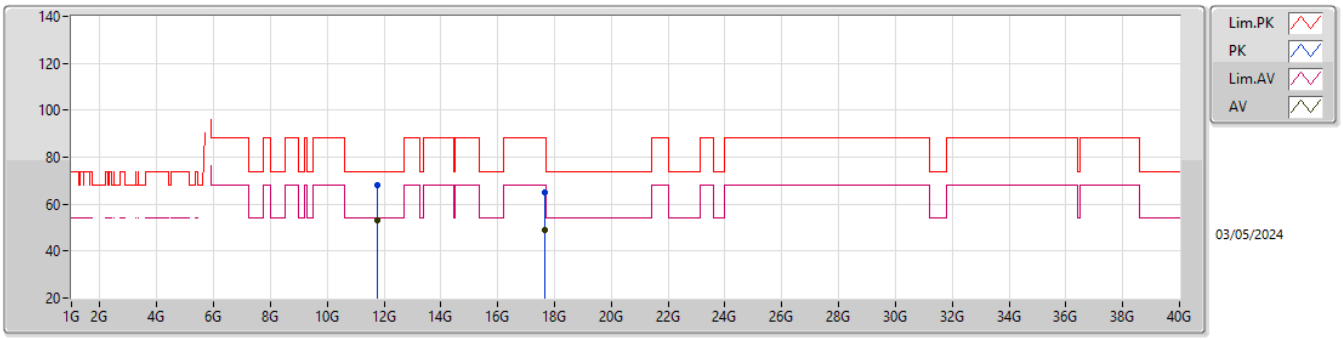


EUT Y_1TX
Setting 22
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.777714G	59.81	74.00	-14.19	54.57	3	Vertical	20	1.80	-	38.65	9.62	43.03
AV	11.76616G	45.33	54.00	-8.67	40.08	3	Vertical	20	1.80	-	38.67	9.61	43.03
PK	17.64894G	61.99	88.20	-26.21	49.51	3	Vertical	60	2.64	-	41.70	12.78	42.00
RMS	17.64366G	47.90	68.20	-20.30	35.41	3	Vertical	60	2.64	-	41.73	12.77	42.01

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5885MHz_TX



EUT Y_1TX
Setting 22
04-E-G-5

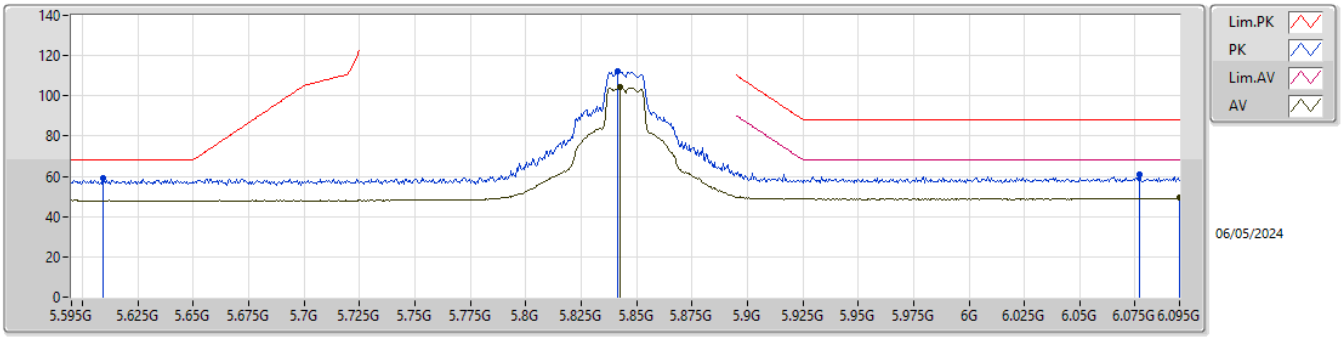
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.76544G	68.21	74.00	-5.79	62.97	3	Horizontal	31	1.80	-	38.67	9.61	43.04
AV	11.76904G	52.92	54.00	-1.08	47.68	3	Horizontal	31	1.80	-	38.66	9.61	43.03
PK	17.66001G	64.97	88.20	-23.23	52.50	3	Horizontal	294	2.03	-	41.66	12.79	41.98
RMS	17.65272G	49.20	68.20	-19.00	36.72	3	Horizontal	294	2.03	-	41.69	12.78	41.99

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.85-5.895GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	AV	11.72997G	52.95	54.00	-1.05	3	Horizontal	44	1.46	-

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5845MHz_TX

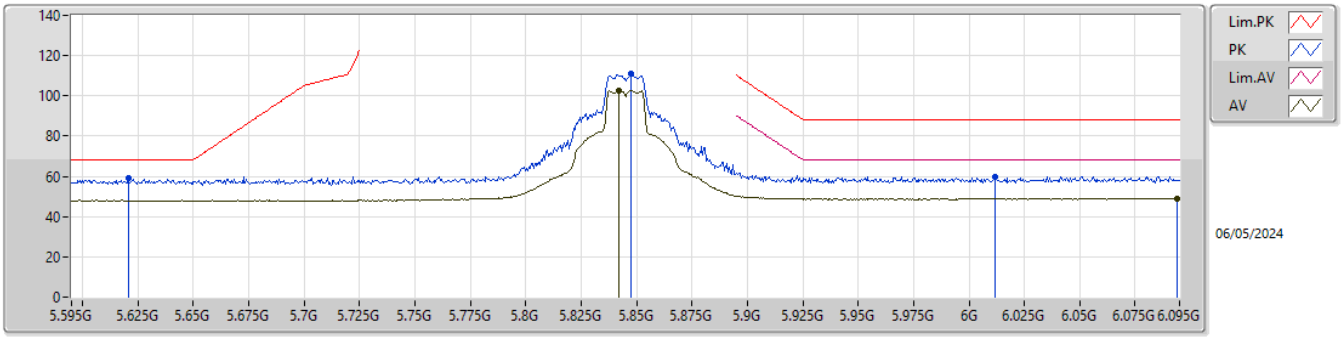


EUT Y_1TX
Setting 20.5
03-S-J-8-10

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	5.609G	58.97	68.20	-9.23	52.20	3	Vertical	86	2.46	-	34.28	7.44	34.95
PK	5.8415G	112.46	Inf	-Inf	105.68	3	Vertical	86	2.46	-	34.28	7.56	35.06
AV	5.8425G	104.31	Inf	-Inf	97.52	3	Vertical	86	2.46	-	34.29	7.56	35.06
PK	6.077G	60.85	88.20	-27.35	53.42	3	Vertical	86	2.46	-	34.76	7.78	35.11
RMS	6.095G	49.20	68.20	-19.00	41.63	3	Vertical	86	2.46	-	34.87	7.80	35.10

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5845MHz_TX

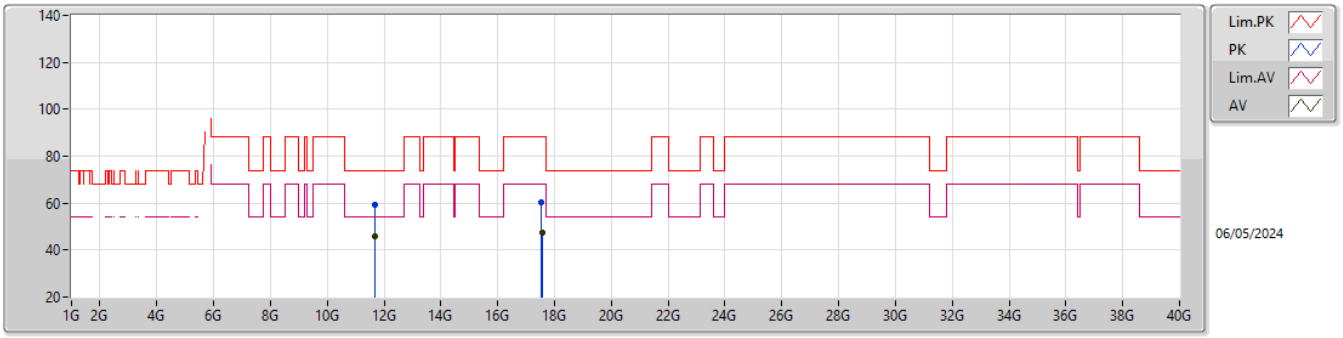


EUT Y_1TX
Setting 20.5
03-S-J-8-10

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	5.6205G	58.93	68.20	-9.27	52.18	3	Horizontal	154	3.00	-	34.26	7.45	34.96
PK	5.8475G	110.85	Inf	-Inf	104.06	3	Horizontal	154	3.00	-	34.29	7.57	35.07
AV	5.842G	102.59	Inf	-Inf	95.81	3	Horizontal	154	3.00	-	34.28	7.56	35.06
PK	6.0115G	59.88	88.20	-28.32	52.72	3	Horizontal	154	3.00	-	34.60	7.70	35.14
RMS	6.094G	49.14	68.20	-19.06	41.58	3	Horizontal	154	3.00	-	34.86	7.80	35.10

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5845MHz_TX

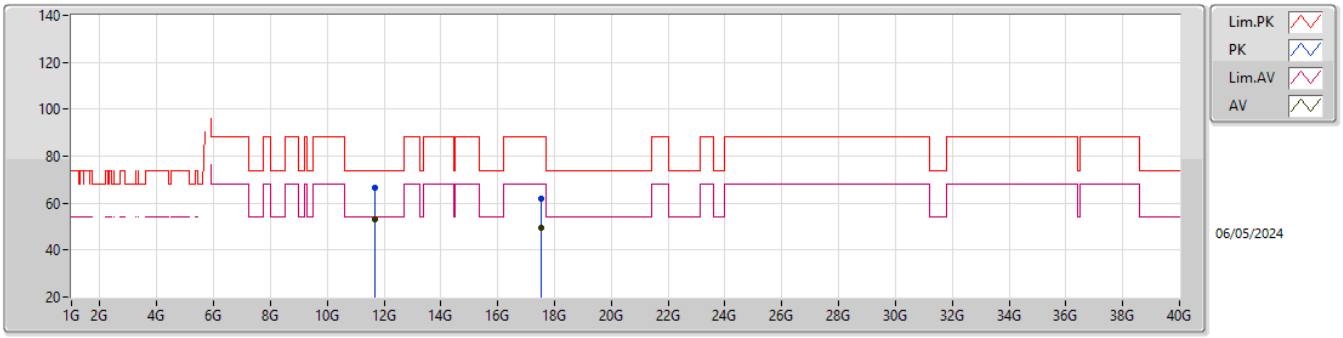


EUT Y_1TX
Setting 20.5
03-S-J-8

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	11.68685G	59.36	74.00	-14.64	51.74	3	Vertical	142	2.34	-	39.35	11.35	43.08
AV	11.68985G	46.11	54.00	-7.89	38.48	3	Vertical	142	2.34	-	39.36	11.35	43.08
PK	17.5423G	60.18	88.20	-28.02	45.72	3	Vertical	166	2.74	-	42.92	13.72	42.18
RMS	17.5555G	47.22	68.20	-20.98	32.60	3	Vertical	166	2.74	-	43.06	13.72	42.16

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5845MHz_TX

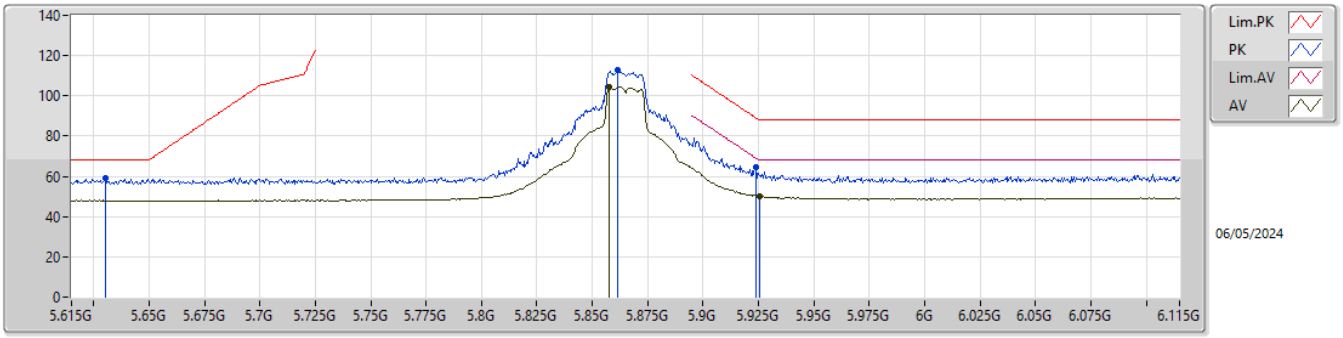


EUT Y_1TX
Setting 20.5
03-S-J-8

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	11.6894G	66.35	74.00	-7.65	58.72	3	Horizontal	223	1.52	-	39.36	11.35	43.08
AV	11.6895G	52.93	54.00	-1.07	45.30	3	Horizontal	223	1.52	-	39.36	11.35	43.08
PK	17.5388G	62.08	88.20	-26.12	47.65	3	Horizontal	243	2.47	-	42.89	13.72	42.18
RMS	17.5383G	49.49	68.20	-18.71	35.08	3	Horizontal	243	2.47	-	42.88	13.72	42.19

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5865MHz_TX

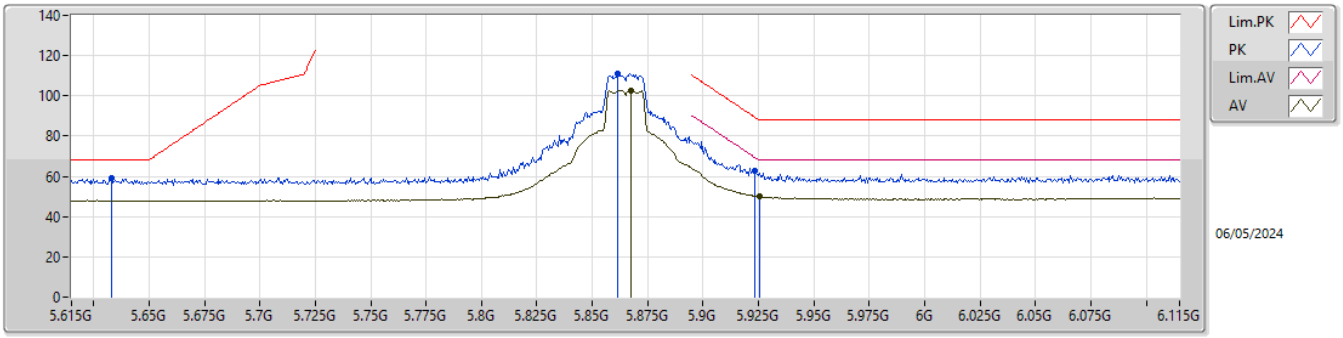


EUT Y_1TX
Setting 22
03-S-J-8-10

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	5.6305G	58.97	68.20	-9.23	52.24	3	Vertical	82	2.23	-	34.24	7.45	34.96
PK	5.8615G	112.59	Inf	-Inf	105.73	3	Vertical	82	2.23	-	34.35	7.58	35.07
AV	5.8575G	104.49	Inf	-Inf	97.65	3	Vertical	82	2.23	-	34.33	7.58	35.07
PK	5.924G	64.49	88.93	-24.44	57.41	3	Vertical	82	2.23	-	34.55	7.63	35.10
RMS	5.9255G	50.06	68.20	-18.14	42.98	3	Vertical	82	2.23	-	34.55	7.63	35.10

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5865MHz_TX

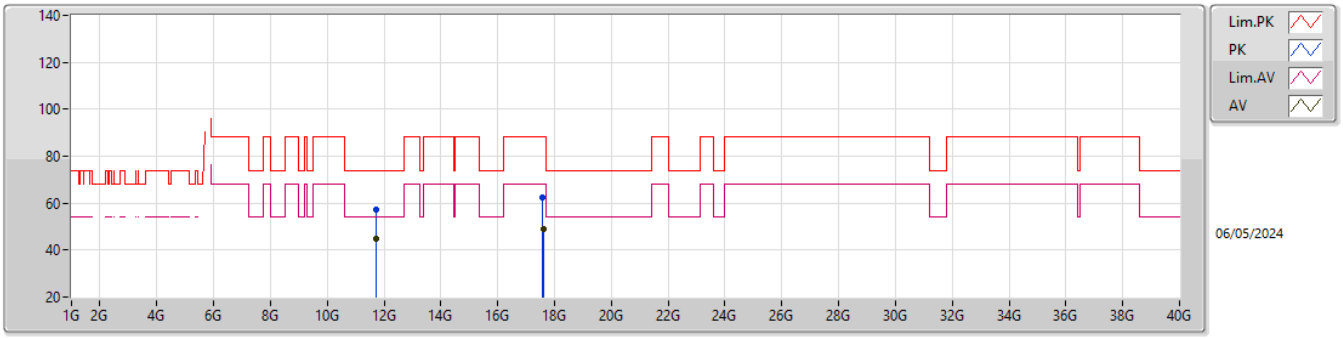


EUT Y_1TX
Setting 22
03-S-J-8-10

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	59.13	68.20	-9.07	52.41	3	Horizontal	151	1.78	-	34.23	7.45	34.96
PK	5.8615G	111.06	Inf	-Inf	104.20	3	Horizontal	151	1.78	-	34.35	7.58	35.07
AV	5.8675G	102.82	Inf	-Inf	95.95	3	Horizontal	151	1.78	-	34.37	7.58	35.08
PK	5.9235G	63.04	89.30	-26.26	55.96	3	Horizontal	151	1.78	-	34.55	7.63	35.10
RMS	5.9255G	49.92	68.20	-18.28	42.84	3	Horizontal	151	1.78	-	34.55	7.63	35.10

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5865MHz_TX

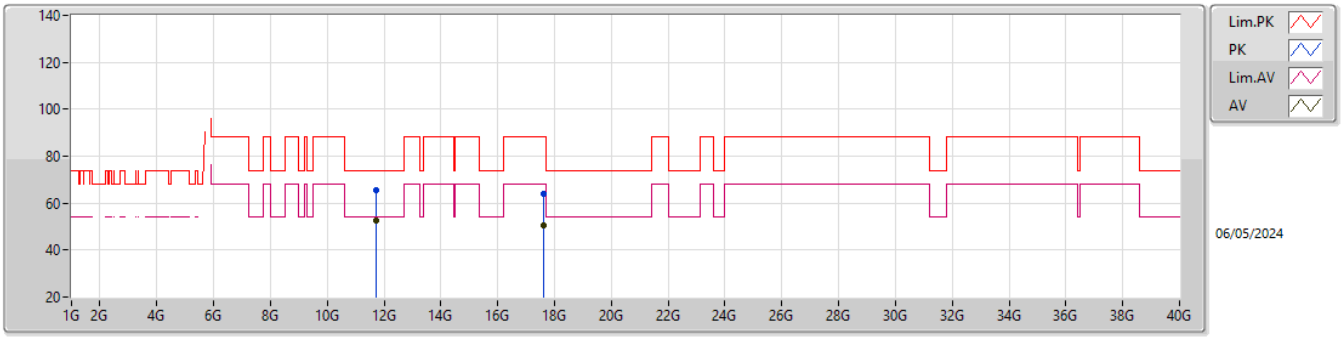


EUT Y_1TX
Setting 22
03-S-J-8

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	11.73015G	57.40	74.00	-16.60	49.63	3	Vertical	145	1.80	-	39.46	11.37	43.06
AV	11.7296G	44.81	54.00	-9.19	37.04	3	Vertical	145	1.80	-	39.46	11.37	43.06
PK	17.5876G	62.43	88.20	-25.77	47.41	3	Vertical	360	2.97	-	43.38	13.74	42.10
RMS	17.59575G	48.75	68.20	-19.45	33.64	3	Vertical	360	2.97	-	43.46	13.74	42.09

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5865MHz_TX

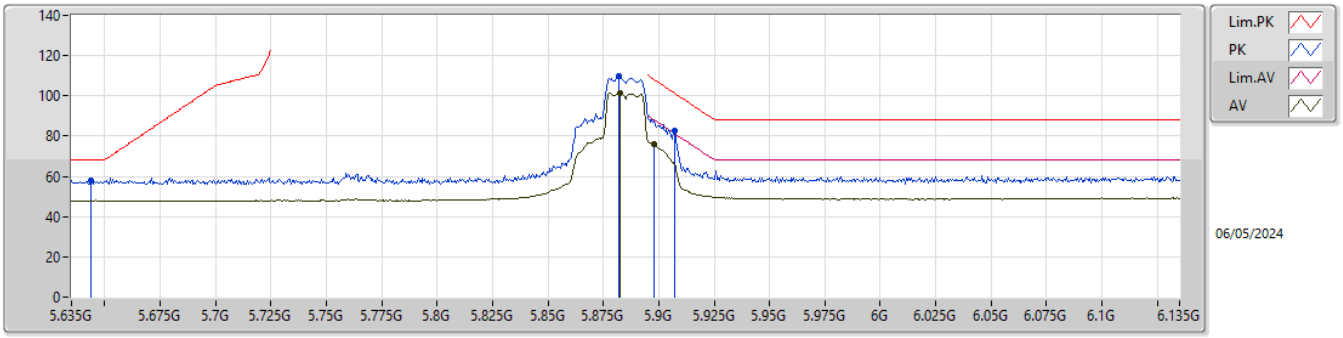


EUT Y_1TX
Setting 22
03-S-J-8

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	11.72945G	65.76	74.00	-8.24	57.99	3	Horizontal	242	1.80	-	39.46	11.37	43.06
AV	11.7298G	52.72	54.00	-1.28	44.95	3	Horizontal	242	1.80	-	39.46	11.37	43.06
PK	17.6G	64.07	88.20	-24.13	48.91	3	Horizontal	142	2.34	-	43.50	13.74	42.08
RMS	17.5983G	50.45	68.20	-17.75	35.31	3	Horizontal	142	2.34	-	43.48	13.74	42.08

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5885MHz_TX

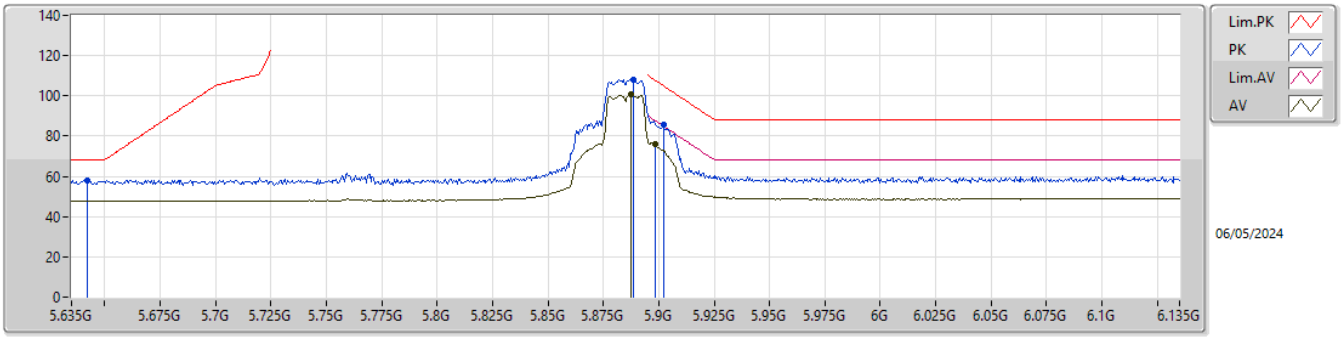


EUT Y_1TX
Setting 20.5
03-S-J-8-10

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	5.644G	58.03	68.20	-10.17	51.33	3	Vertical	85	2.08	-	34.21	7.46	34.97
PK	5.882G	109.54	Inf	-Inf	102.59	3	Vertical	85	2.08	-	34.43	7.60	35.08
AV	5.8825G	101.35	Inf	-Inf	94.40	3	Vertical	85	2.08	-	34.43	7.60	35.08
PK	5.907G	82.49	101.40	-18.91	75.46	3	Vertical	85	2.08	-	34.51	7.62	35.10
RMS	5.898G	76.07	88.00	-11.93	69.06	3	Vertical	85	2.08	-	34.49	7.61	35.09

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5885MHz_TX

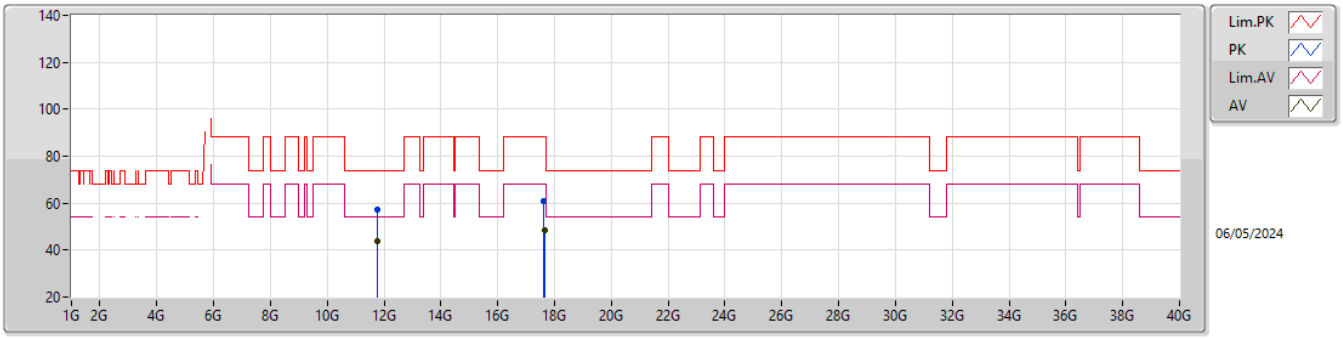


EUT Y_1TX
Setting 20.5
03-S-J-8-10

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	5.642G	58.03	68.20	-10.17	51.32	3	Horizontal	154	2.94	-	34.22	7.46	34.97
PK	5.8885G	108.23	Inf	-Inf	101.27	3	Horizontal	154	2.94	-	34.45	7.60	35.09
AV	5.8875G	100.51	Inf	-Inf	93.55	3	Horizontal	154	2.94	-	34.45	7.60	35.09
PK	5.902G	85.61	105.07	-19.46	78.59	3	Horizontal	154	2.94	-	34.50	7.61	35.09
RMS	5.8985G	75.92	87.63	-11.71	68.91	3	Horizontal	154	2.94	-	34.49	7.61	35.09

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5885MHz_TX

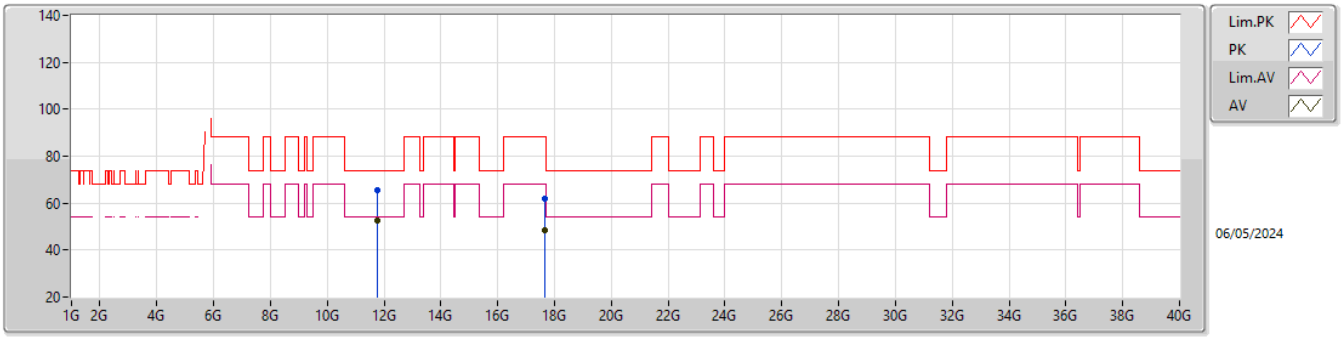


EUT Y_1TX
Setting 20.5
03-S-J-8

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	11.76925G	56.99	74.00	-17.01	49.17	3	Vertical	211	2.24	-	39.46	11.39	43.03
AV	11.77035G	44.04	54.00	-9.96	36.22	3	Vertical	211	2.24	-	39.46	11.39	43.03
PK	17.6318G	60.71	88.20	-27.49	45.30	3	Vertical	101	1.86	-	43.69	13.75	42.03
RMS	17.67785G	48.66	68.20	-19.54	32.87	3	Vertical	101	1.86	-	43.97	13.77	41.95

5.85-5.895GHz_802.11a_Nss1,(6Mbps)_1TX

5885MHz_TX

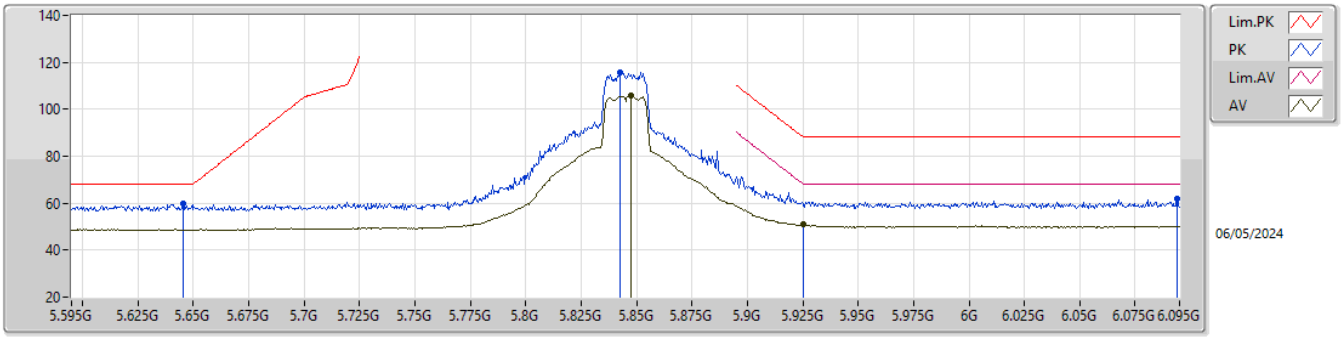


EUT Y_1TX
Setting 20.5
03-S-J-8

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	11.7703G	65.73	74.00	-8.27	57.91	3	Horizontal	226	1.54	-	39.46	11.39	43.03
AV	11.77005G	52.74	54.00	-1.26	44.92	3	Horizontal	226	1.54	-	39.46	11.39	43.03
PK	17.673G	61.91	88.20	-26.29	46.16	3	Horizontal	12	1.95	-	43.94	13.77	41.96
RMS	17.67525G	48.60	68.20	-19.60	32.84	3	Horizontal	12	1.95	-	43.95	13.77	41.96

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5845MHz_TX

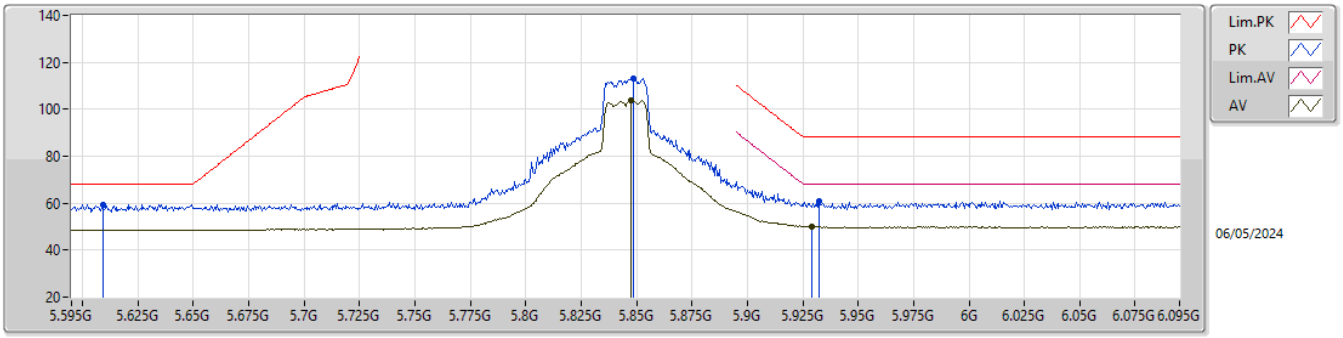


EUT Y_1TX
Setting 23
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6455G	60.04	68.20	-8.16	53.55	3	Vertical	250	1.64	-	33.70	6.22	33.43
PK	5.8425G	115.81	Inf	-Inf	108.69	3	Vertical	250	1.64	-	34.37	6.24	33.49
AV	5.8475G	105.94	Inf	-Inf	98.80	3	Vertical	250	1.64	-	34.39	6.24	33.49
RMS	5.925G	50.78	68.20	-17.42	43.13	3	Vertical	250	1.64	-	34.85	6.31	33.51
PK	6.094G	61.69	88.20	-26.51	53.64	3	Vertical	250	1.64	-	35.09	6.49	33.53

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5845MHz_TX

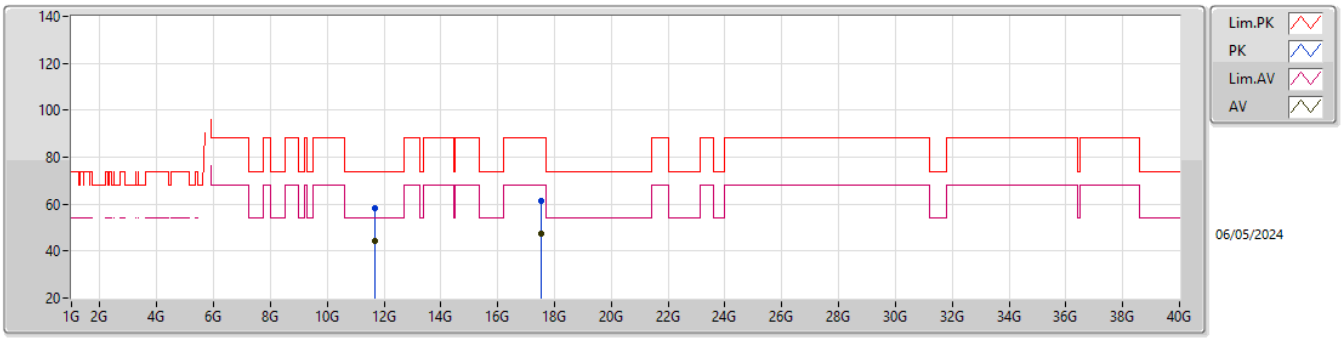


EUT Y_1TX
Setting 23
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.609G	59.41	68.20	-8.79	52.91	3	Horizontal	199	1.80	-	33.70	6.22	33.42
PK	5.8485G	113.35	Inf	-Inf	106.21	3	Horizontal	199	1.80	-	34.39	6.24	33.49
AV	5.8475G	103.91	Inf	-Inf	96.77	3	Horizontal	199	1.80	-	34.39	6.24	33.49
PK	5.9325G	60.99	88.20	-27.21	53.29	3	Horizontal	199	1.80	-	34.89	6.32	33.51
RMS	5.929G	50.18	68.20	-18.02	42.50	3	Horizontal	199	1.80	-	34.87	6.32	33.51

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5845MHz_TX

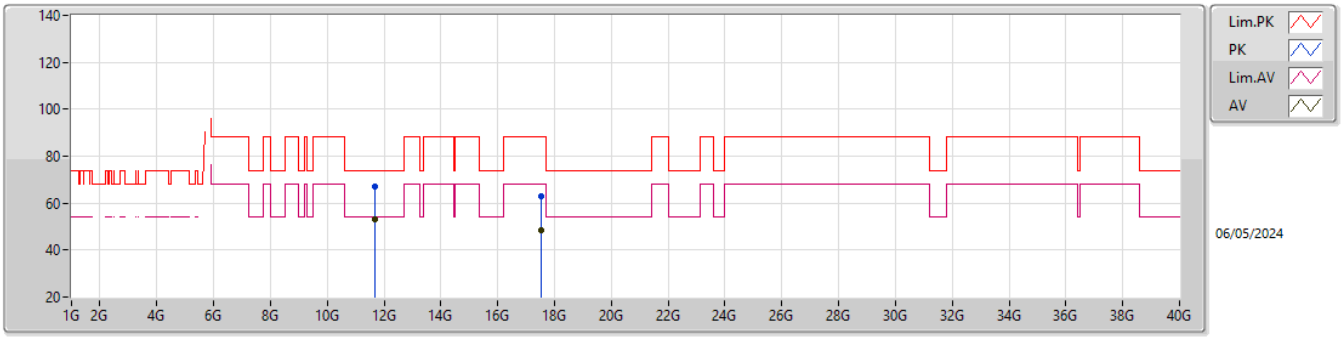


EUT Y_1TX
Setting 23
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.68913G	58.16	74.00	-15.84	52.95	3	Vertical	26	1.98	-	38.72	9.57	43.08
AV	11.69063G	44.20	54.00	-9.80	38.99	3	Vertical	26	1.98	-	38.72	9.57	43.08
PK	17.54835G	61.34	88.20	-26.86	49.01	3	Vertical	188	2.38	-	41.80	12.70	42.17
RMS	17.53371G	47.17	68.20	-21.03	34.85	3	Vertical	188	2.38	-	41.83	12.68	42.19

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5845MHz_TX

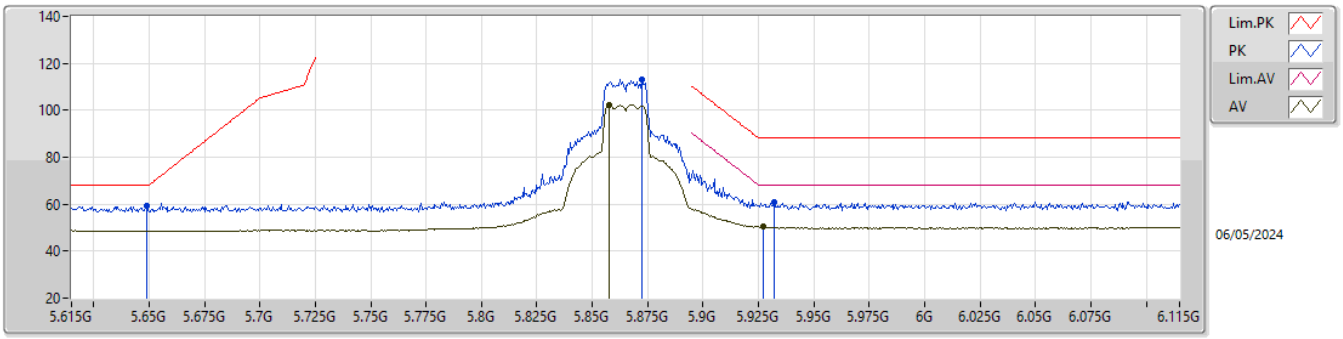


EUT Y_1TX
Setting 23
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.69273G	66.82	74.00	-7.18	61.62	3	Horizontal	53	1.53	-	38.71	9.57	43.08
AV	11.69G	52.89	54.00	-1.11	47.68	3	Horizontal	53	1.53	-	38.72	9.57	43.08
PK	17.535G	62.98	88.20	-25.22	50.65	3	Horizontal	322	1.91	-	41.83	12.69	42.19
RMS	17.53461G	48.31	68.20	-19.89	35.98	3	Horizontal	322	1.91	-	41.83	12.69	42.19

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5865MHz_TX

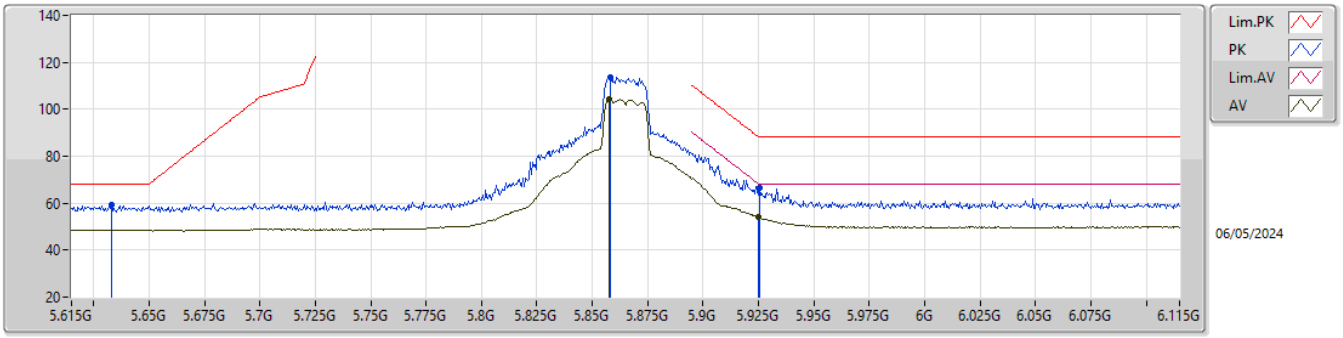


EUT Y_1TX
Setting 23
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	59.42	68.20	-8.78	52.93	3	Vertical	243	1.55	-	33.70	6.22	33.43
PK	5.8725G	112.87	Inf	-Inf	105.56	3	Vertical	243	1.55	-	34.53	6.27	33.49
AV	5.8575G	102.49	Inf	-Inf	95.29	3	Vertical	243	1.55	-	34.44	6.25	33.49
PK	5.932G	60.83	88.20	-27.37	53.13	3	Vertical	243	1.55	-	34.89	6.32	33.51
RMS	5.927G	50.48	68.20	-17.72	42.82	3	Vertical	243	1.55	-	34.86	6.31	33.51

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5865MHz_TX

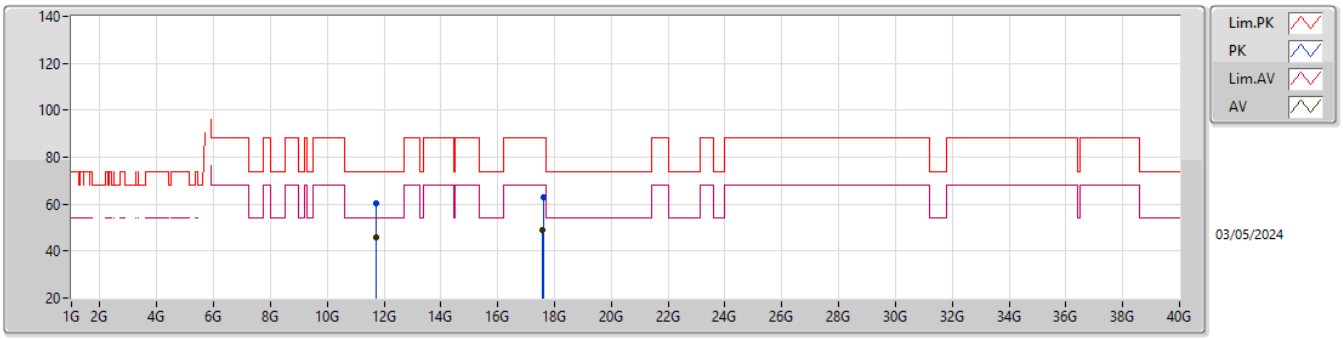


EUT Y_1TX
Setting 23
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.633G	59.12	68.20	-9.08	52.63	3	Horizontal	194	1.80	-	33.70	6.22	33.43
PK	5.858G	113.77	Inf	-Inf	106.56	3	Horizontal	194	1.80	-	34.45	6.25	33.49
AV	5.8575G	104.24	Inf	-Inf	97.04	3	Horizontal	194	1.80	-	34.44	6.25	33.49
PK	5.9255G	66.73	88.20	-21.47	59.08	3	Horizontal	194	1.80	-	34.85	6.31	33.51
RMS	5.925G	54.18	68.20	-14.02	46.53	3	Horizontal	194	1.80	-	34.85	6.31	33.51

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5865MHz_TX

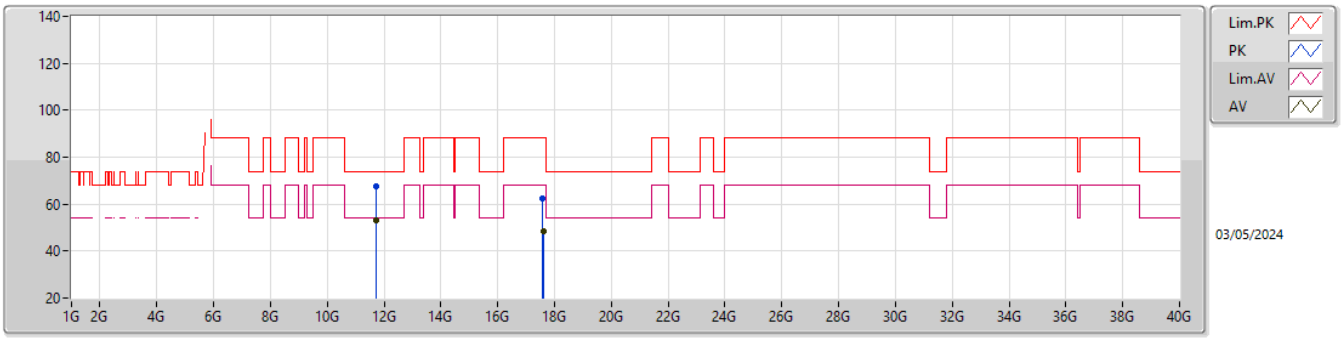


EUT Y_1TX
Setting 20.5
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.72394G	60.09	74.00	-13.91	54.86	3	Vertical	31	2.91	-	38.70	9.59	43.06
AV	11.72982G	45.79	54.00	-8.21	40.56	3	Vertical	31	2.91	-	38.70	9.59	43.06
PK	17.60832G	62.75	88.20	-25.45	50.21	3	Vertical	325	1.95	-	41.87	12.74	42.07
RMS	17.5932G	49.08	68.20	-19.12	36.55	3	Vertical	325	1.95	-	41.89	12.73	42.09

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5865MHz_TX

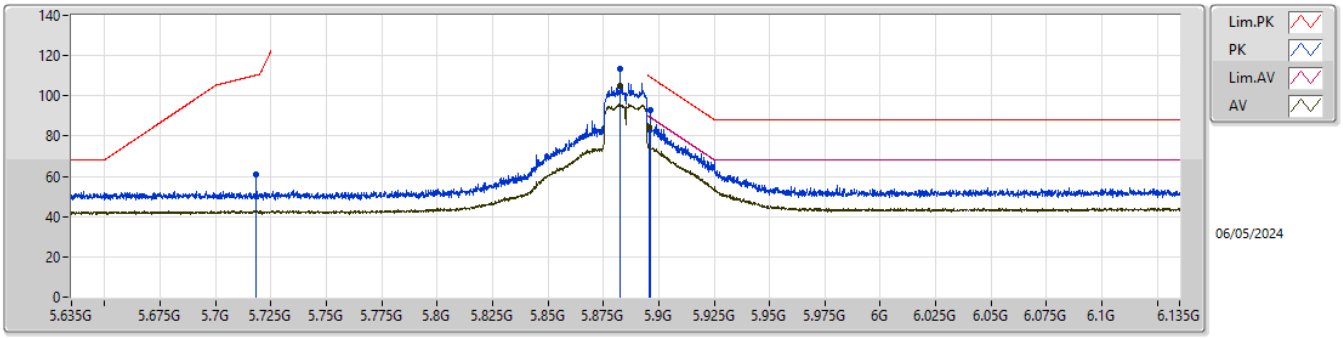


EUT Y_1TX
Setting 20.5
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.73456G	67.47	74.00	-6.53	62.23	3	Horizontal	44	1.46	-	38.70	9.59	43.05
AV	11.72997G	52.95	54.00	-1.05	47.72	3	Horizontal	44	1.46	-	38.70	9.59	43.06
PK	17.59272G	62.62	88.20	-25.58	50.09	3	Horizontal	325	1.76	-	41.89	12.73	42.09
RMS	17.59872G	48.70	68.20	-19.50	36.14	3	Horizontal	325	1.76	-	41.90	12.74	42.08

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5885MHz_TX

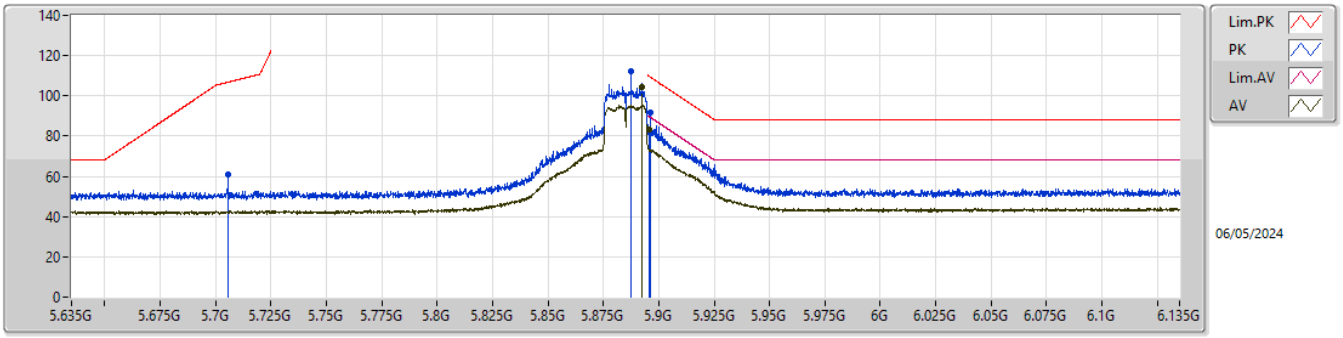


EUT Y_1TX
Setting 22
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7185G	61.06	110.38	-49.32	54.43	3	Vertical	248	1.64	80_BP 1MI	33.87	6.21	33.45
PK	5.88263G	113.21	Inf	-Inf	105.84	3	Vertical	248	1.64	80_BP 1MI	34.60	6.27	33.50
AV	5.88263G	105.01	Inf	-Inf	97.64	3	Vertical	248	1.64	80_BP 1MI	34.60	6.27	33.50
PK	5.8965G	92.89	109.10	-16.21	85.42	3	Vertical	248	1.64	80_BP 1MI	34.68	6.29	33.50
RMS	5.8955G	84.21	89.83	-5.62	76.75	3	Vertical	248	1.64	80_BP 1MI	34.67	6.29	33.50

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5885MHz_TX

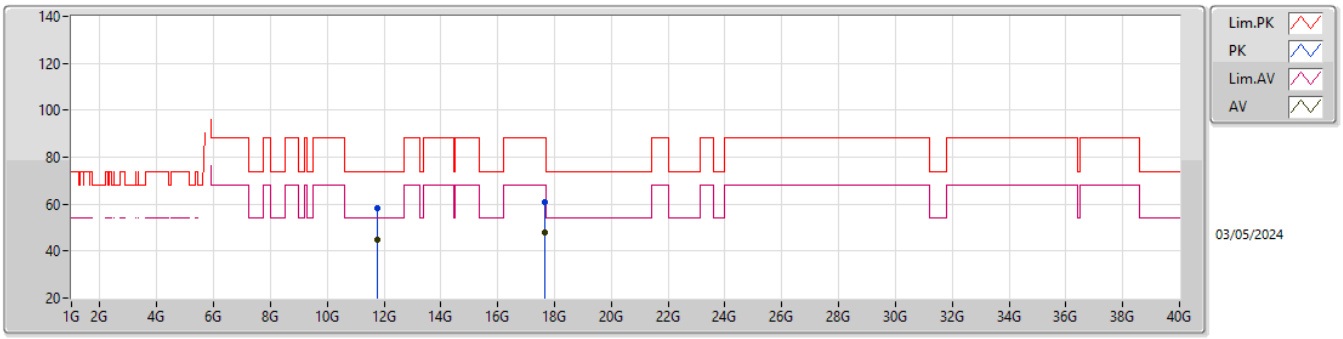


EUT Y_1TX
Setting 22
04-E-G-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7055G	61.25	106.74	-45.49	54.67	3	Horizontal	208	2.81	80_BP 1MI	33.82	6.21	33.45
PK	5.88763G	112.29	Inf	-Inf	104.88	3	Horizontal	208	2.81	80_BP 1MI	34.63	6.28	33.50
PK	5.8965G	91.79	109.10	-17.31	84.32	3	Horizontal	208	2.81	80_BP 1MI	34.68	6.29	33.50
AV	5.89263G	104.62	Inf	-Inf	97.18	3	Horizontal	208	2.81	80_BP 1MI	34.66	6.28	33.50
RMS	5.8955G	83.31	89.83	-6.52	75.85	3	Horizontal	208	2.81	80_BP 1MI	34.67	6.29	33.50

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5885MHz_TX

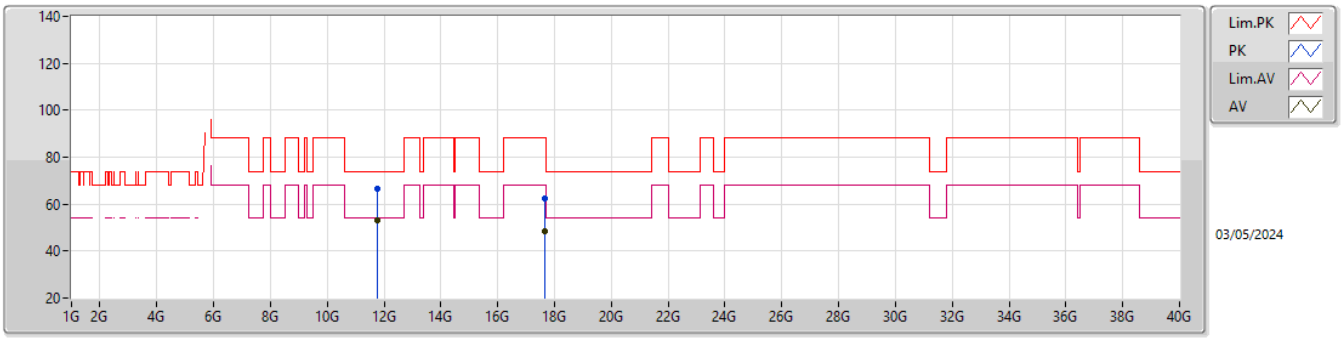


EUT Y_1TX
Setting 22
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.76883G	58.47	74.00	-15.53	53.23	3	Vertical	30	2.65	-	38.66	9.61	43.03
AV	11.76904G	44.92	54.00	-9.08	39.68	3	Vertical	30	2.65	-	38.66	9.61	43.03
PK	17.65689G	60.89	88.20	-27.31	48.43	3	Vertical	28	2.92	-	41.67	12.78	41.99
RMS	17.64021G	47.70	68.20	-20.50	35.20	3	Vertical	28	2.92	-	41.74	12.77	42.01

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

5885MHz_TX



EUT Y_1TX
Setting 22
04-E-G-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.76571G	66.66	74.00	-7.34	61.42	3	Horizontal	48	1.79	-	38.67	9.61	43.04
AV	11.7691G	52.90	54.00	-1.10	47.66	3	Horizontal	48	1.79	-	38.66	9.61	43.03
PK	17.65188G	62.37	88.20	-25.83	49.89	3	Horizontal	213	2.65	-	41.69	12.78	41.99
RMS	17.65257G	48.57	68.20	-19.63	36.09	3	Horizontal	213	2.65	-	41.69	12.78	41.99