



RADIO TEST REPORT

FCC ID : TLZ-XM666

Equipment : IEEE 802.11 a/b/g/n/ac/ax Wireless LAN 1T1R and BLE/802.15.4 Solution Family 12 x 12 LGA Module

Brand Name : AzureWave

Model Name : AW-XM646G-SUR, AW-XM646G-USB, AW-XM646F-SUR, AW-XM646F-USB, AW-XM646C-SUR, AW-XM646C-USB, AW-XM646B-SUR, AW-XM646B-USB

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 Aug. 01, 2025, and testing was started from Sep. 03, 2025 and completed on Oct. 29, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen

Report Producer: Muse Chan



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5725-5895	a, n (HT20), ac (VHT20), ax (HEW20)	5845-5885	169-177 [3]

Band	Mode	BWch	Nant
5.725-5.895GHz	802.11a	20	1TX
5.725-5.895GHz	802.11n HT20	20	1TX
5.725-5.895GHz	802.11ac VHT20	20	1TX
5.725-5.895GHz	802.11ax HEW20	20	1TX

Note:

- ♦ 11a, HT20 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 modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	ARISTOTLE	RFA-27-JP326MHF4C198	PIFA Antenna	I-PEX
2	1	CEL	Dual-band Planar Antenna 0038	Split Ring	N/A

Note 1:

Ant.	Antenna Gain (dBi)	
	WLAN 2.4GHz, Bluetooth and Thread	WLAN 5GHz
1	3.5	5

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz, Bluetooth and Thread	WLAN 5GHz			
		5150-5350GHz	5470-5725GHz	5725-5850GHz	5850-5895GHz
2	1.8	3.8	2.5	2.5	3.4

Note 2: The above information was declared by manufacturer.

Note 3: **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/Thread function (1TX/1RX):

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

1.1.3 Test Mode of Partial RU

Mode	Partial RU		
802.11ax HEW20	26	52	106

**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		
Channel Puncturing Function	☐	Supported Static Puncturing		
	☐	Supported Dynamic Puncturing (Reduce BW)		
	☒	Unsupported		
Support RU	☒	Full RU	☒	Partial RU
Test Software Version	DutApiMimoApApp_LABTOOL_UNIFIED.exe v2.0.0.22			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The difference for each model is shown as below:

EUT	Model Name	WLAN 2.4G	WLAN 5G	Bluetooth	802.15.4	Interface	PIFA Ant. (Note 1)	Split Ring Ant. (Note 2)
1	AW-XM646G-SUR	V	V	V	V	SUR	V	X
2	AW-XM646G-USB	V	V	V	V	USB	V	V
-	AW-XM646F-SUR	V	V	V	X	SUR	V	X
-	AW-XM646F-USB	V	V	V	X	USB	V	V
-	AW-XM646C-SUR	V	X	V	V	SUR	V	X
-	AW-XM646C-USB	V	X	V	V	USB	V	V
-	AW-XM646B-SUR	V	X	V	X	SUR	V	X
-	AW-XM646B-USB	V	X	V	X	USB	V	V
Description								
In addition to the differences mentioned above, there are differences in marketing strategy.								

Note 1: With type 1 antenna trace.

Note 2: With type 2 antenna trace.

Note 3: The above information was declared by manufacturer.



1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR521124-01AE

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

Modifications	Performance Checking
1. Add a new Split Ring Antenna with a new antenna trace design and lower gain for interface USB. (Please refer to section 1.1.2 and 1.1.5 for detail information).	1. AC Power-line Conducted Emissions 2. Unwanted Emissions (Based on original output power to test.) 3. Radiated Emission Co-location
1. Update the reference standard to "ANSI C63.10-2020" from "ANSI C63.10-2013".	It does not affect the test



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 C63.10-2020
- ♦ 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 ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)				
(TAF: 3787) TEL: 886-3-656-9065 FAX: 886-3-656-9085				
Test site Designation No. TW3787 with FCC.				
Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
Radiated below 1GHz	03CH06-CB	Paul HU	21.9~23.1 / 60~62	Oct. 02, 2025~ Oct. 16, 2025
Radiated above 1GHz	03CH05-CB	Ederson Huang	21.5~22.9 / 57~60	Sep. 03, 2025~ Sep. 11, 2025
	03CH03-CB	Ederson Huang	21.6~23.1 / 58~62	Sep. 03, 2025~ Sep. 11, 2025
	03CH04-CB	Ederson Huang	21.4~22.6 / 57~61	Sep. 03, 2025~ Sep. 11, 2025
Radiated Co-Location	03CH04-CB	Paul HU	21.4~22.6 / 57~61	Oct. 21, 2025
AC Conduction	CO01-CB	Joe Chu	23~24 / 61~62	Oct. 29, 2025

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU:

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

For Partial RU:

Mode
802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX
5865MHz
802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX
5865MHz
802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX
5865MHz
802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX
5885MHz
802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX
5885MHz
802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX
5885MHz

Note:

- ♦ HEW20 covers HT20/VHT20 due to similar modulation. The power setting for HT20/VHT20 is 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 2 + WLAN 5GHz + Antenna 2

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 for Radiated emission above 1GHz test, and the worst case was found as Z axis. Thus, the measurement will follow this same test configuration.
1	EUT 2 in Z axis + WLAN 5GHz + Antenna 2
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position the worst case was found as below. Thus, the measurement will follow this same test configuration.
1	EUT 2 in Z axis - Full RU + Antenna 2
2	EUT 2 in Z axis - Partial RU + Antenna 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	EUT 2 + Bluetooth + WLAN 2.4GHz + Antenna 2
2	EUT 2 + Bluetooth + WLAN 5GHz + Antenna 2
For operating mode 1 is the worst case and it was record in this test report.	
Refer to Appendix C for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth + WLAN 2.4GHz + Antenna 1
2	Bluetooth + WLAN 5GHz + Antenna 1
3	Bluetooth + WLAN 2.4GHz + Antenna 2
4	Bluetooth + WLAN 5GHz + Antenna 2
Refer to Sporton Test Report No.: FA521124-02 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For Normal Link:

During the test, the EUT operation to normal function.

For CTX Mode:

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	EUT Fixture	CEL	CMP9610	N/A
B	NB 1	DELL	E6430	N/A
C	Earphone	e-Power	GT02	N/A
D	Mouse	acer	MOBVUO	N/A
E	NB 2	DELL	1320	N/A

**For Radiated:****Co-location:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	1320	N/A
B	EUT Fixture	CEL	CMP9610	N/A
C	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
D	BT Device	Xiaomi	M2239BM	N/A

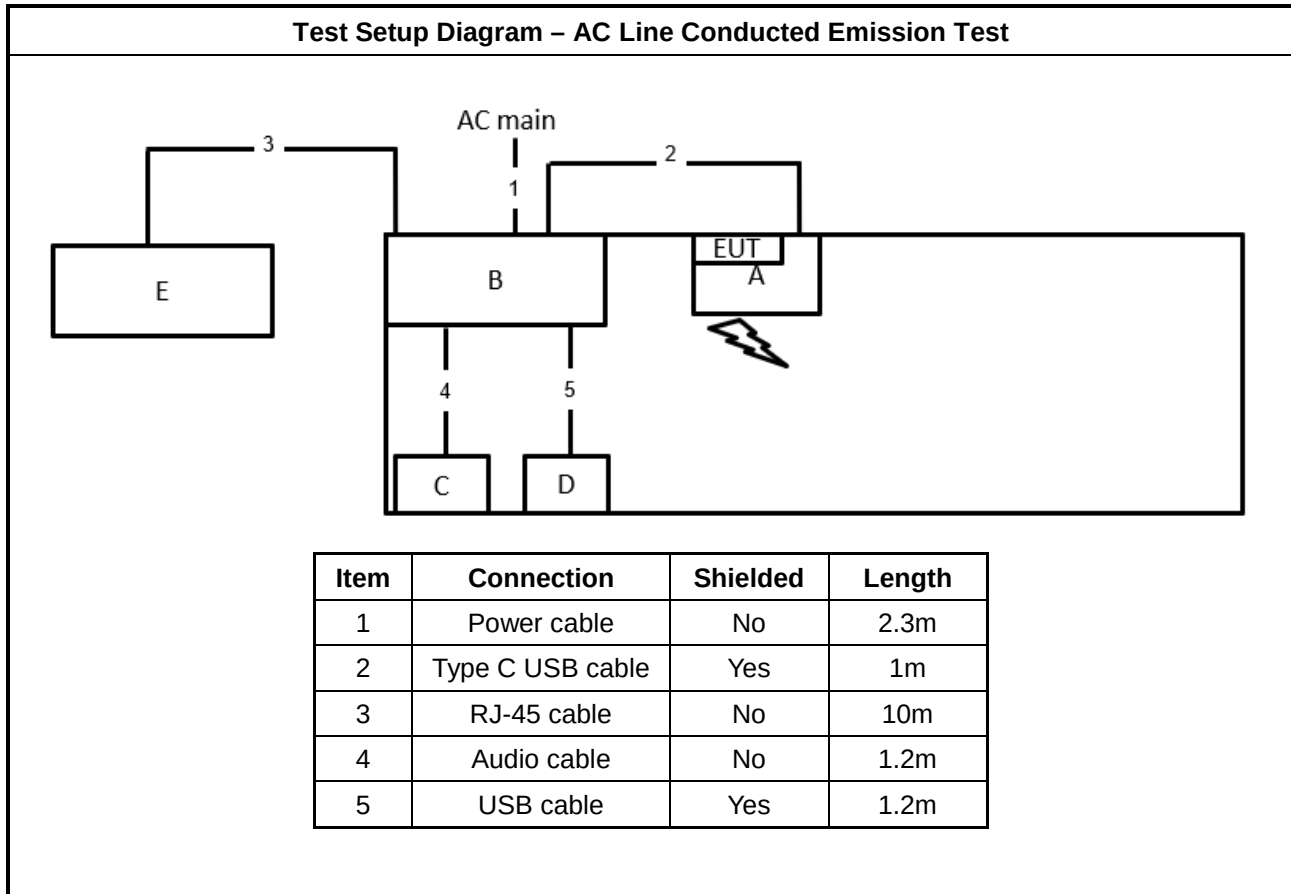
Below 1GHz:

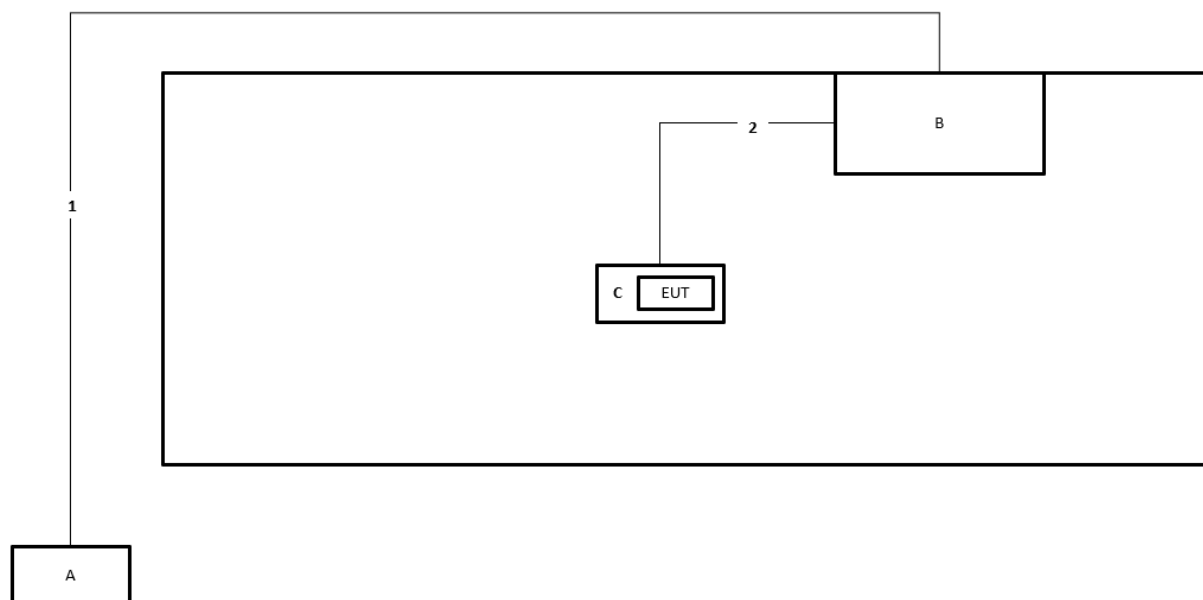
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	1320	N/A
C	EUT Fixture	CEL	CMP9610	N/A

Above 1GHz:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN/Bluetooth Fixture	Azurewave	2640-i6	N/A
C	EUT Fixture	CEL	CMP9610	N/A

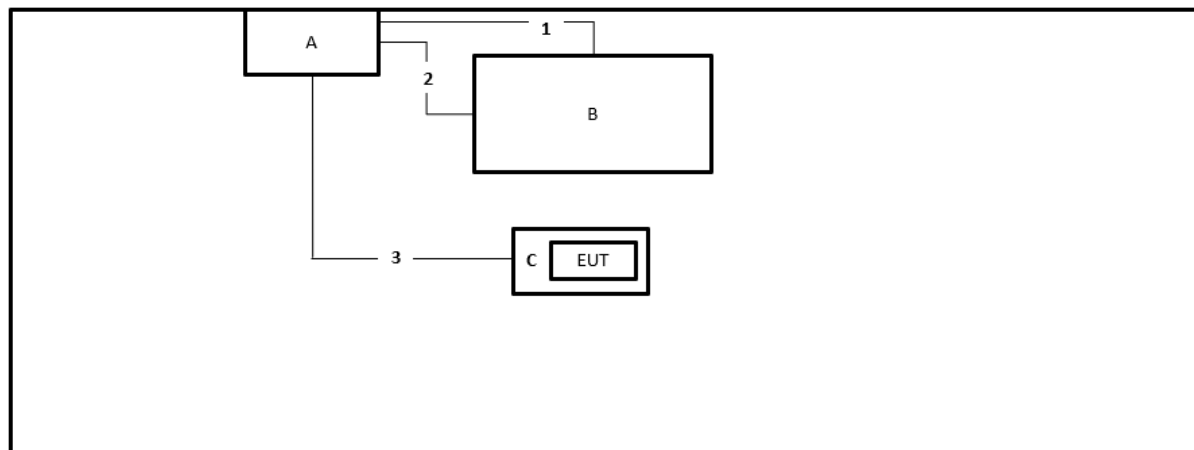
2.6 Test Setup Diagram



Test Setup Diagram - Radiated < 1GHz Test


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	USB to Type C cable	No	1m

Test Setup Diagram - Radiated > 1GHz Test



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



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.		

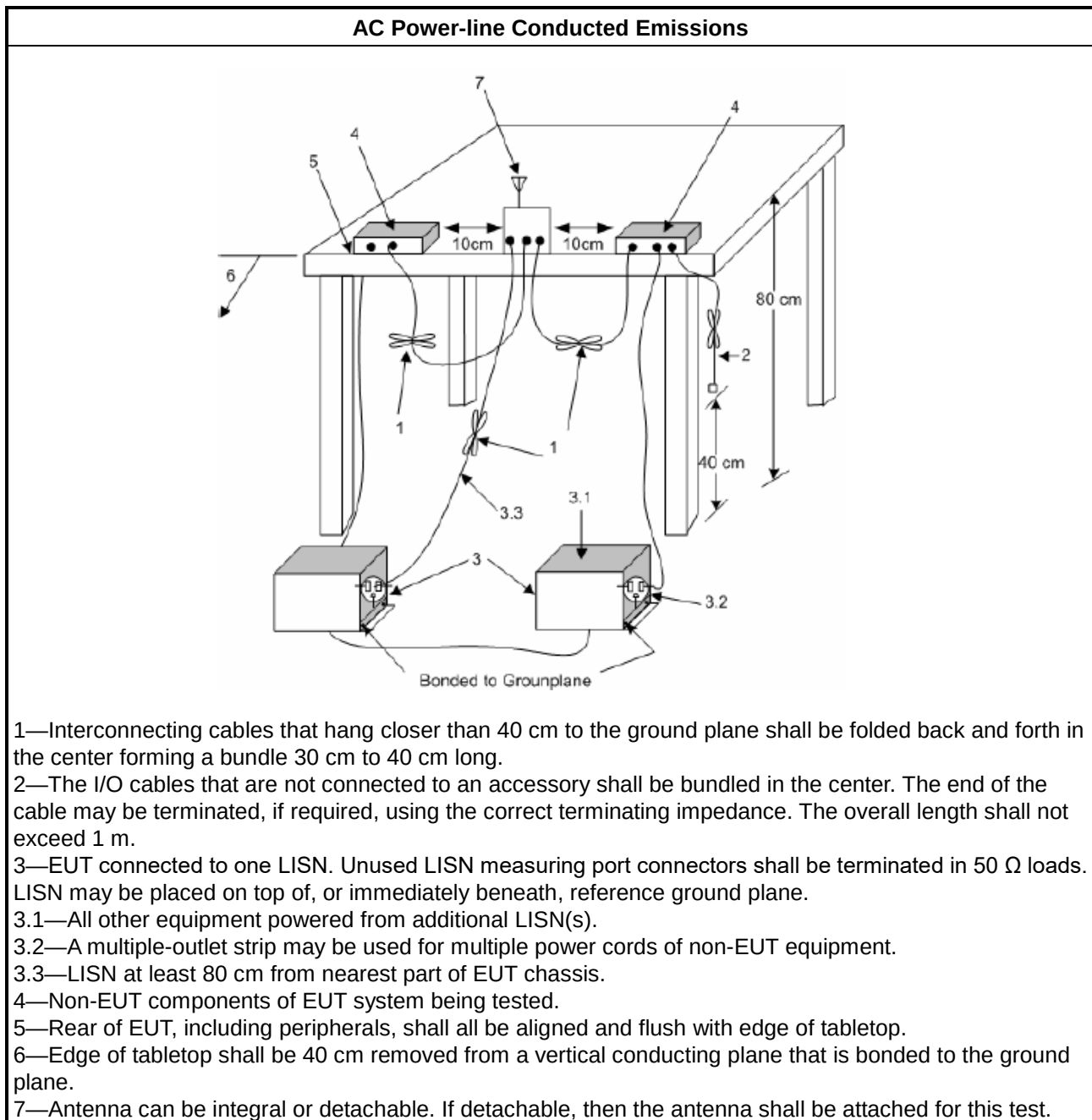
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2020, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A



3.2 Unwanted Emissions

3.2.1 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).	

3.2.2 Measuring Instruments

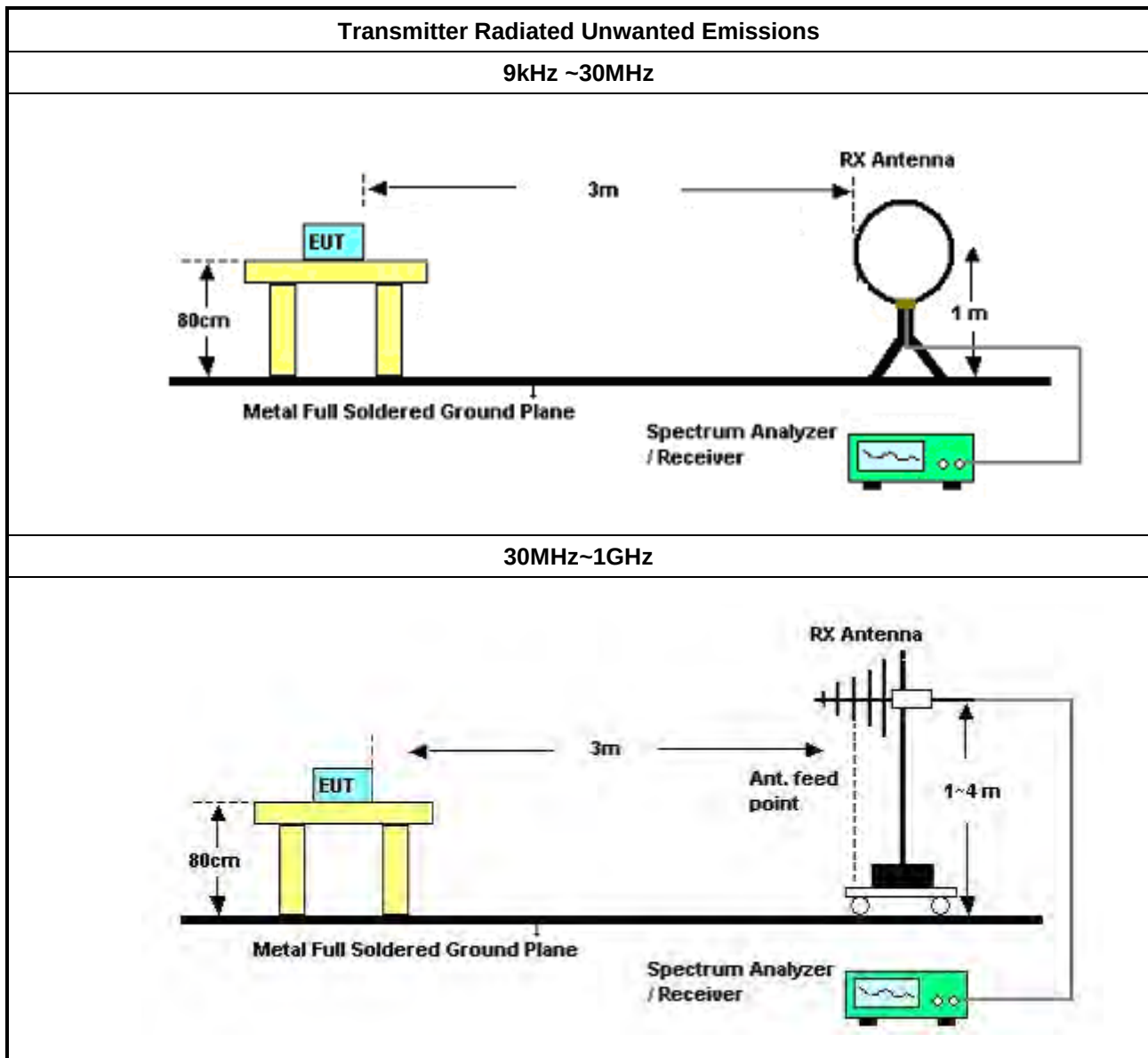
Refer a test equipment and calibration data table in this test report.

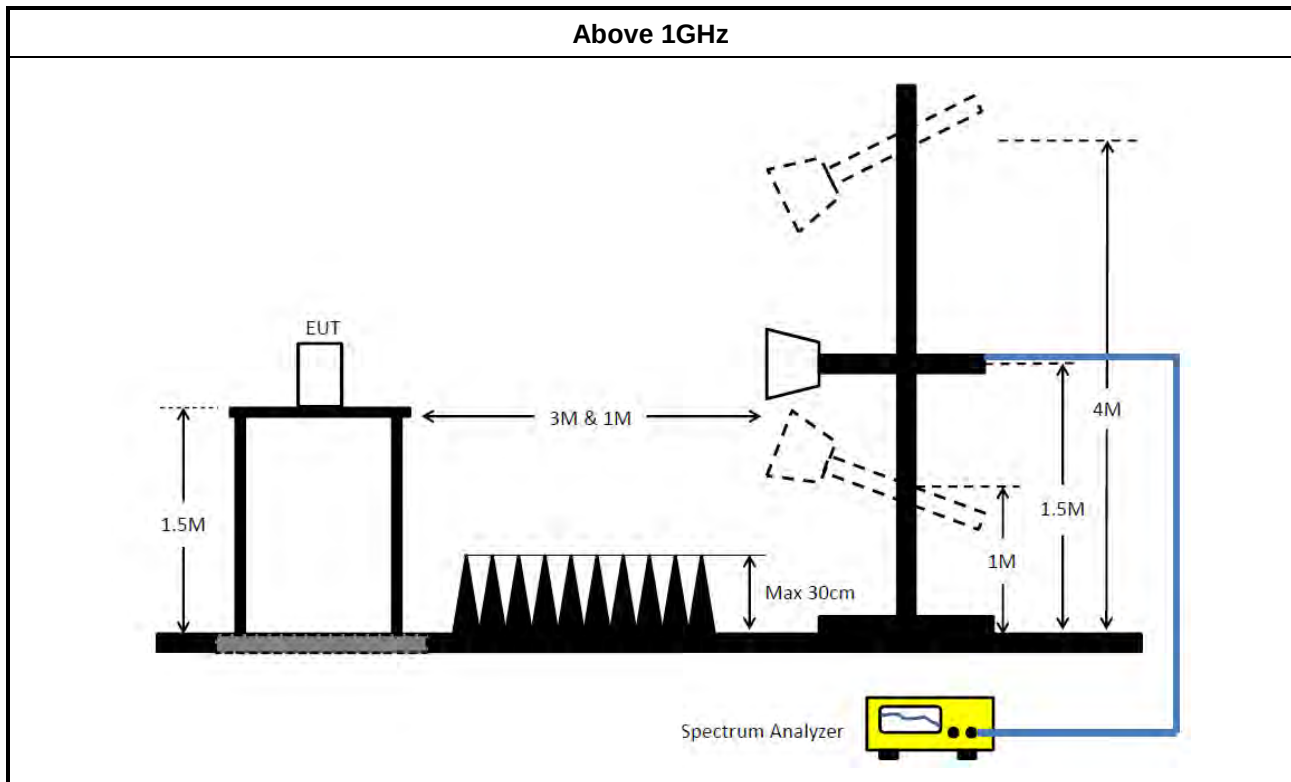


3.2.3 Test Procedures

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.	

3.2.4 Test Setup





3.2.5 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.

3.2.6 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 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.

3.2.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix B



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. 06, 2025	Mar. 05, 2026	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 18, 2025	Feb. 17, 2026	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	May 10, 2025	May 09, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO01-CB)
COND Cable	Woken	Cable	CO01	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	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. 17, 2024	Oct. 16, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 01, 2025	Jul. 31, 2026	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 28, 2025	Jul. 27, 2026	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. 27, 2025	Aug. 26, 2026	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	Sep. 25, 2025	Sep. 24, 2026	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	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 06, 2025	Jun. 05, 2026	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 02, 2025	May 01, 2026	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Feb. 20, 2025	Feb. 19, 2026	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 28, 2025	Jun. 27, 2026	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jul. 17, 2025	Jul. 16, 2026	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 27	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)

**RADIO TEST REPORT****Report No. : FR521124-02AE**

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Apr. 25, 2025	Apr. 24, 2026	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Apr. 30, 2025	Apr. 29, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-1540 7_NII	V5.11. 27	5.15GHz- 7.115GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)

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



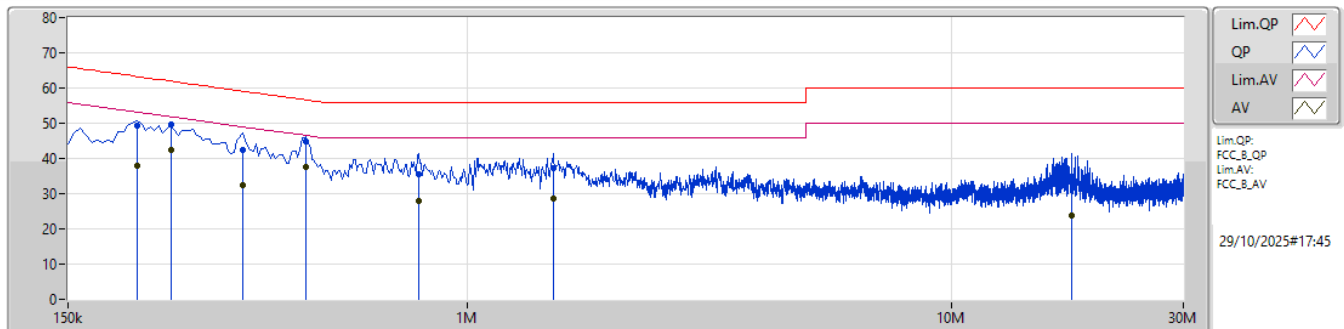
Conducted Emissions at Powerline

Appendix A

Summary

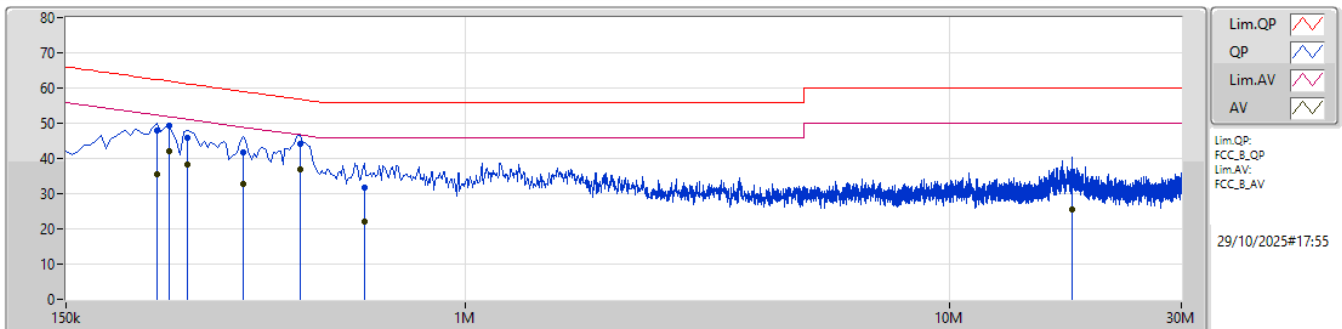
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	465k	37.51	46.61	-9.10	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	208.5k	49.22	63.27	-14.05	9.89	Line	-	39.33	0.06	0.06	9.77						
AV	208.5k	37.91	53.27	-15.36	9.89	Line	-	28.02	0.06	0.06	9.77						
QP	244.5k	49.51	61.95	-12.44	9.94	Line	-	39.57	0.06	0.08	9.80						
AV	244.5k	42.49	51.95	-9.46	9.94	Line	-	32.55	0.06	0.08	9.80						
QP	343.5k	42.51	59.12	-16.61	10.03	Line	-	32.48	0.05	0.11	9.87						
AV	343.5k	32.31	49.12	-16.81	10.03	Line	-	22.28	0.05	0.11	9.87						
QP	465k	44.80	56.61	-11.81	10.07	Line	-	34.73	0.05	0.12	9.90						
AV	465k	37.51	46.61	-9.10	10.07	Line	"Worst"	27.44	0.05	0.12	9.90						
QP	793.5k	35.66	56.00	-20.34	10.10	Line	-	25.56	0.07	0.14	9.89						
AV	793.5k	27.78	46.00	-18.22	10.10	Line	-	17.68	0.07	0.14	9.89						
QP	1.505M	37.30	56.00	-18.70	10.03	Line	-	27.27	0.09	0.14	9.80						
AV	1.505M	28.70	46.00	-17.30	10.03	Line	-	18.67	0.09	0.14	9.80						
QP	17.655M	34.80	60.00	-25.20	11.01	Line	-	23.79	0.30	0.35	10.36						
AV	17.655M	23.70	50.00	-26.30	11.01	Line	-	12.69	0.30	0.35	10.36						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	231k	47.76	62.41	-14.65	9.94	Neutral	-	37.82	0.08	0.07	9.79						
AV	231k	35.68	52.41	-16.73	9.94	Neutral	-	25.74	0.08	0.07	9.79						
QP	244.5k	49.29	61.95	-12.66	9.96	Neutral	-	39.33	0.08	0.08	9.80						
AV	244.5k	42.05	51.95	-9.90	9.96	Neutral	"Worst"	32.09	0.08	0.08	9.80						
QP	267k	46.03	61.20	-15.17	9.99	Neutral	-	36.04	0.08	0.09	9.82						
AV	267k	38.13	51.20	-13.07	9.99	Neutral	-	28.14	0.08	0.09	9.82						
QP	348k	41.89	59.00	-17.11	10.06	Neutral	-	31.83	0.08	0.11	9.87						
AV	348k	32.91	49.00	-16.09	10.06	Neutral	-	22.85	0.08	0.11	9.87						
QP	456k	44.24	56.76	-12.52	10.10	Neutral	-	34.14	0.08	0.12	9.90						
AV	456k	36.82	46.76	-9.94	10.10	Neutral	-	26.72	0.08	0.12	9.90						
QP	618k	31.84	56.00	-24.16	10.11	Neutral	-	21.73	0.08	0.13	9.90						
AV	618k	22.00	46.00	-24.00	10.11	Neutral	-	11.89	0.08	0.13	9.90						
QP	17.88M	33.52	60.00	-26.48	11.01	Neutral	-	22.51	0.30	0.35	10.36						
AV	17.88M	25.43	50.00	-24.57	11.01	Neutral	-	14.42	0.30	0.35	10.36						



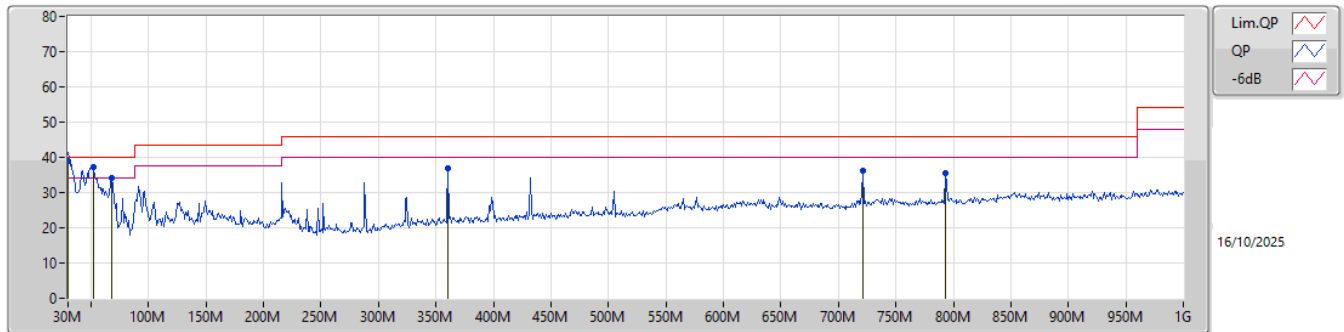
Radiated Emissions below 1GHz

Appendix B.1

Summary

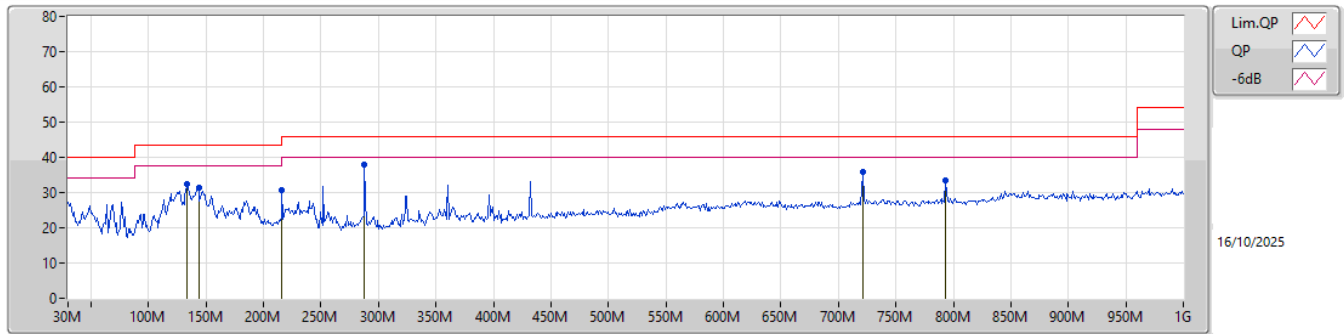
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	30M	39.11	40.00	-0.89	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)		
QP	30M	39.11	40.00	-0.89	-8.09	3	Vertical	78	1.00	"Worst"	47.20	23.69	0.54	32.32		
PK	52.31M	37.19	40.00	-2.81	-17.99	3	Vertical	346	1.00	-	55.18	13.61	0.67	32.27		
PK	67.83M	34.02	40.00	-5.98	-19.34	3	Vertical	360	2.00	-	53.36	12.30	0.82	32.46		
PK	360.77M	36.97	46.00	-9.03	-9.29	3	Vertical	192	1.50	-	46.26	20.63	1.89	31.81		
PK	721.61M	36.14	46.00	-9.86	-3.78	3	Vertical	76	1.00	-	39.92	25.21	2.67	31.66		
PK	793.39M	35.54	46.00	-10.46	-2.87	3	Vertical	43	1.00	-	38.41	25.98	2.76	31.61		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)		
PK	133.79M	32.29	43.50	-11.21	-13.43	3	Horizontal	56	1.50	-	45.72	17.72	1.13	32.28		
PK	143.49M	31.42	43.50	-12.08	-14.12	3	Horizontal	79	2.00	-	45.54	16.99	1.19	32.30		
PK	216M	30.85	46.00	-15.15	-16.01	3	Horizontal	236	1.00	-	46.86	14.70	1.44	32.15		
PK	288.02M	37.94	46.00	-8.06	-11.66	3	Horizontal	80	1.50	"Worst"	49.60	18.80	1.65	32.11		
PK	721.61M	35.85	46.00	-10.15	-3.78	3	Horizontal	92	1.50	-	39.63	25.21	2.67	31.66		
PK	793.39M	33.32	46.00	-12.68	-2.87	3	Horizontal	93	1.25	-	36.19	25.98	2.76	31.61		

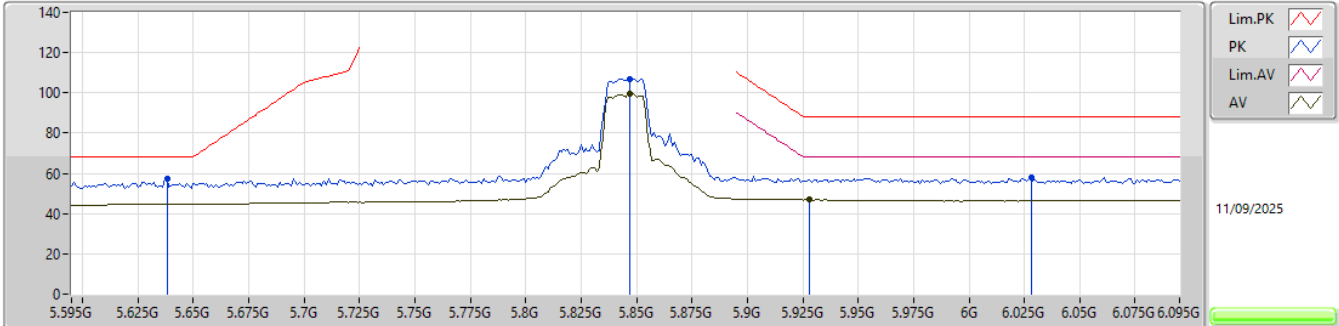


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.85-5.895GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1.(MCS0)_1TX	Pass	RMS	5.89555G	86.65	89.80	-3.15	3	Horizontal	275	1.00	BP 1MHz

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

5845MHz_TX

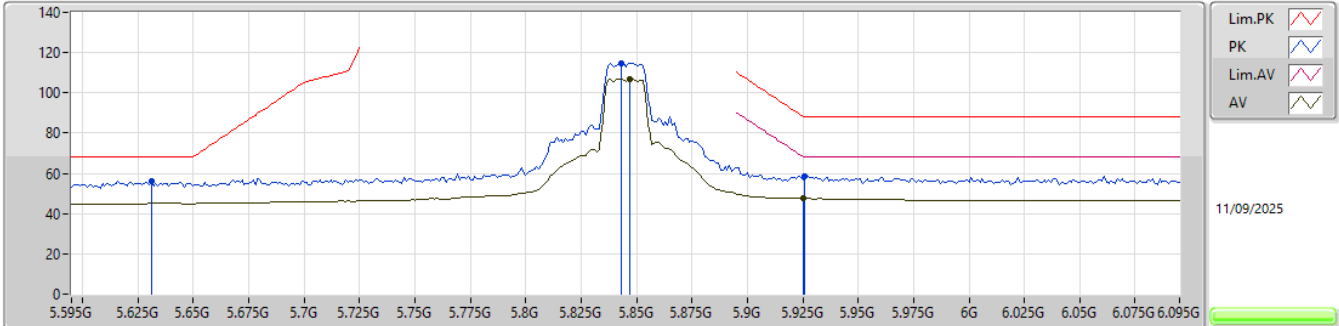


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	5.638G	57.29	68.20	-10.91	50.82	3	Vertical	162	2.36	-	32.98	8.40	34.91			
PK	5.847G	107.02	Inf	-Inf	99.47	3	Vertical	162	2.36	-	33.89	8.47	34.81			
RMS	5.847G	99.34	Inf	-Inf	91.79	3	Vertical	162	2.36	-	33.89	8.47	34.81			
RMS	5.928G	46.82	68.20	-21.38	38.92	3	Vertical	162	2.36	-	34.16	8.51	34.77			
PK	6.028G	58.04	88.20	-30.16	50.01	3	Vertical	162	2.36	-	34.20	8.55	34.72			

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

5845MHz_TX

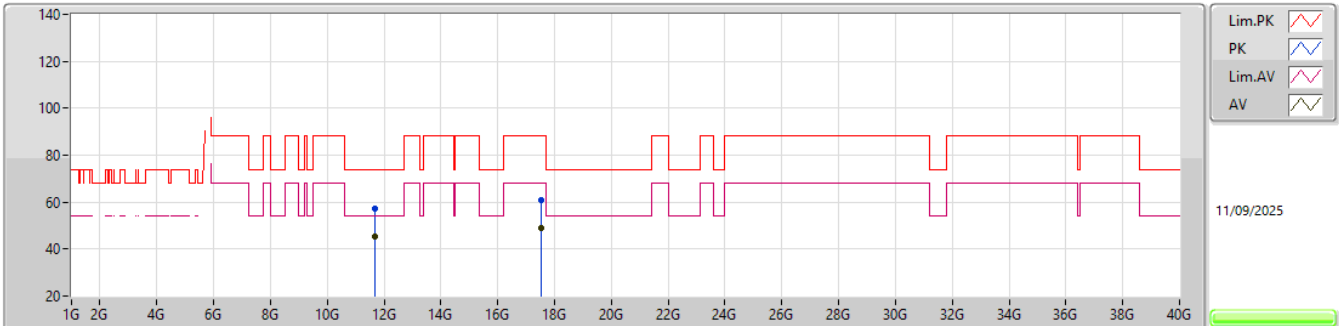


EUT_Z_1TX
Setting 25
05-R-E-5-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.631G	56.10	68.20	-12.10	49.66	3	Horizontal	286	1.00	-	32.96	8.40	34.92			
PK	5.843G	114.69	Inf	-Inf	107.15	3	Horizontal	286	1.00	-	33.89	8.47	34.82			
RMS	5.847G	106.86	Inf	-Inf	99.31	3	Horizontal	286	1.00	-	33.89	8.47	34.81			
PK	5.926G	58.59	88.20	-29.61	50.71	3	Horizontal	286	1.00	-	34.15	8.51	34.78			
RMS	5.925G	47.48	68.20	-20.72	39.60	3	Horizontal	286	1.00	-	34.15	8.51	34.78			

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

5845MHz_TX

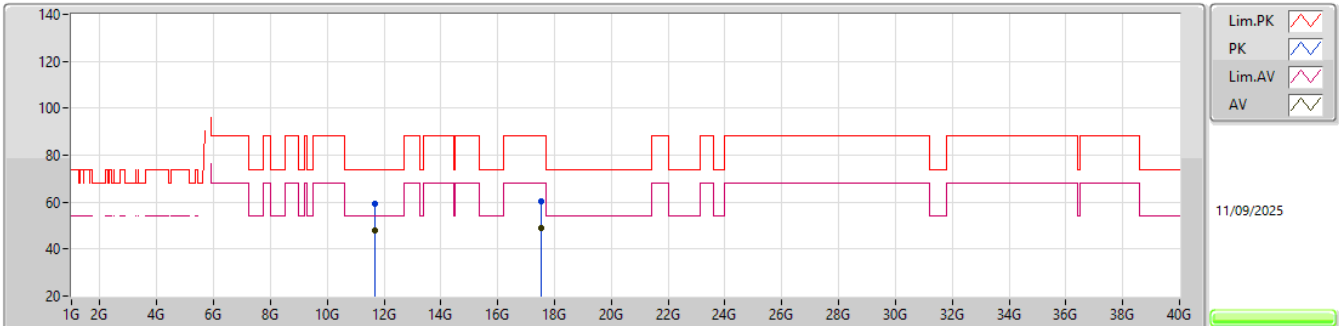


EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6891G	57.36	74.00	-16.64	40.04	3	Vertical	151	2.12	-	38.50	11.97	33.15			
AV	11.689G	45.41	54.00	-8.59	28.09	3	Vertical	151	2.12	-	38.50	11.97	33.15			
PK	17.5129G	61.04	88.20	-27.16	39.19	3	Vertical	143	2.30	-	39.30	15.04	32.49			
RMS	17.5132G	48.95	68.20	-19.25	27.09	3	Vertical	143	2.30	-	39.31	15.04	32.49			

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

5845MHz_TX

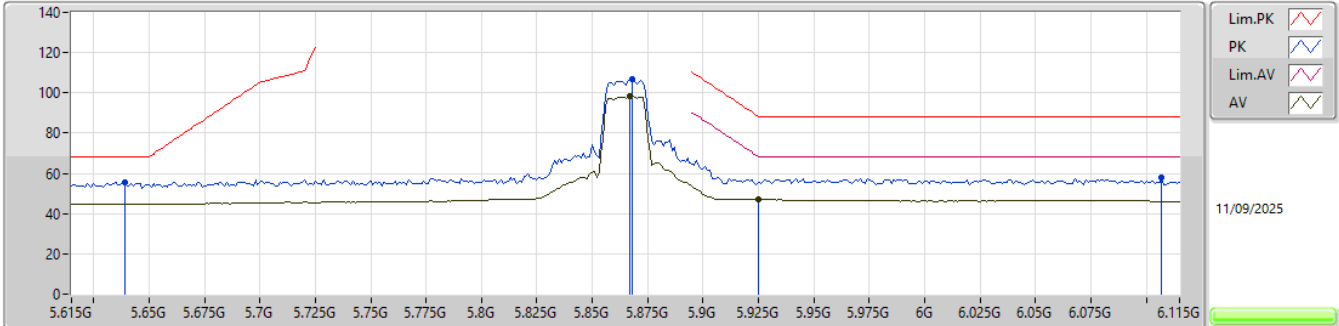


EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6864G	59.38	74.00	-14.62	42.07	3	Horizontal	250	1.80	-	38.50	11.96	33.15			
AV	11.6895G	47.74	54.00	-6.26	30.42	3	Horizontal	250	1.80	-	38.50	11.97	33.15			
PK	17.5151G	60.42	88.20	-27.78	38.54	3	Horizontal	350	1.30	-	39.32	15.05	32.49			
RMS	17.5154G	48.98	68.20	-19.22	27.10	3	Horizontal	350	1.30	-	39.32	15.05	32.49			

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

5865MHz_TX

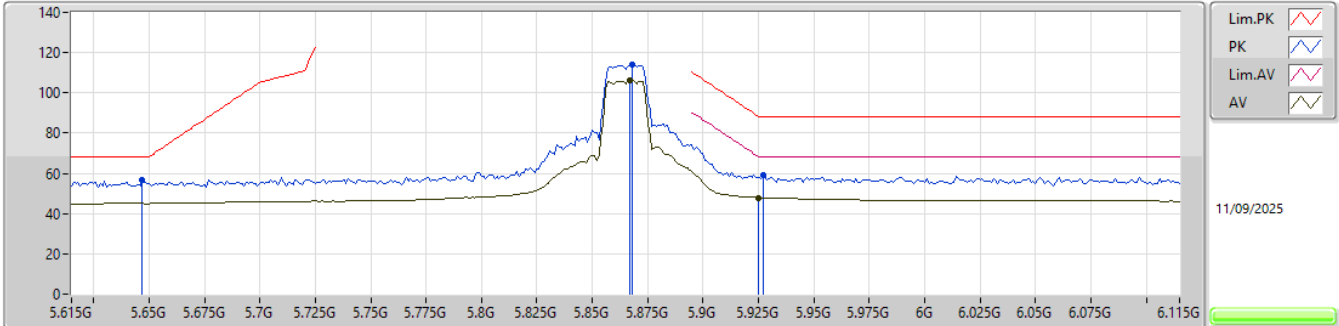


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	5.639G	55.27	68.20	-12.93	48.80	3	Vertical	162	2.34	-	32.98	8.40	34.91				
PK	5.868G	107.07	Inf	-Inf	99.42	3	Vertical	162	2.34	-	33.97	8.48	34.80				
RMS	5.867G	98.32	Inf	-Inf	90.67	3	Vertical	162	2.34	-	33.97	8.48	34.80				
RMS	5.925G	46.82	68.20	-21.38	38.94	3	Vertical	162	2.34	-	34.15	8.51	34.78				
PK	6.107G	58.13	88.20	-30.07	50.10	3	Vertical	162	2.34	-	34.11	8.58	34.66				

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

5865MHz_TX

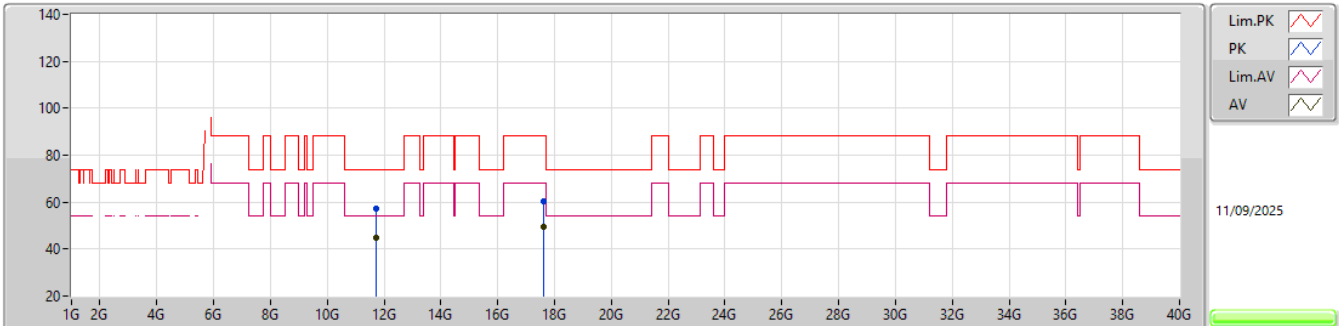


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	56.57	68.20	-11.63	50.09	3	Horizontal	272	1.14	-	32.99	8.40	34.91			
PK	5.868G	113.79	Inf	-Inf	106.14	3	Horizontal	272	1.14	-	33.97	8.48	34.80			
RMS	5.867G	106.00	Inf	-Inf	98.35	3	Horizontal	272	1.14	-	33.97	8.48	34.80			
PK	5.927G	58.92	88.20	-29.28	51.04	3	Horizontal	272	1.14	-	34.15	8.51	34.78			
RMS	5.925G	47.89	68.20	-20.31	40.01	3	Horizontal	272	1.14	-	34.15	8.51	34.78			

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

5865MHz_TX

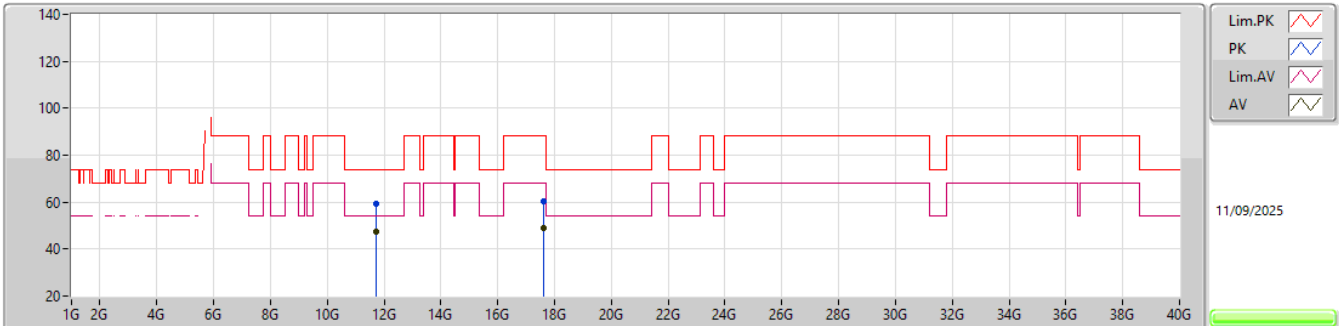


EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7333G	56.99	74.00	-17.01	39.71	3	Vertical	152	1.80	-	38.50	11.99	33.21			
AV	11.7333G	44.94	54.00	-9.06	27.66	3	Vertical	152	1.80	-	38.50	11.99	33.21			
PK	17.5998G	60.60	88.20	-27.60	38.40	3	Vertical	54	2.29	-	39.70	15.09	32.59			
RMS	17.5998G	49.23	68.20	-18.97	27.03	3	Vertical	54	2.29	-	39.70	15.09	32.59			

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

5865MHz_TX

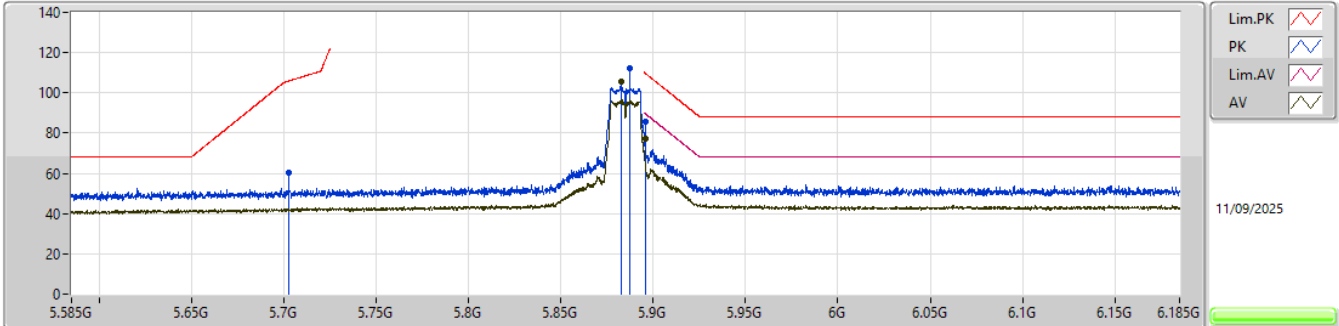


EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7376G	59.13	74.00	-14.87	41.86	3	Horizontal	252	1.80	-	38.50	11.99	33.22			
AV	11.7291G	47.21	54.00	-6.79	29.93	3	Horizontal	252	1.80	-	38.50	11.99	33.21			
PK	17.6066G	60.50	88.20	-27.70	38.30	3	Horizontal	2	1.02	-	39.71	15.09	32.60			
RMS	17.6125G	49.21	68.20	-18.99	26.98	3	Horizontal	2	1.02	-	39.73	15.10	32.60			

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

5885MHz_TX

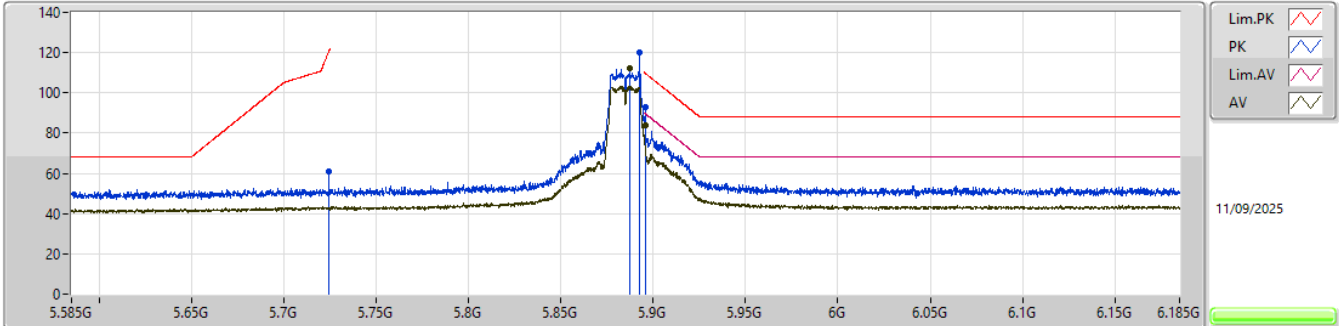


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	5.7025G	60.51	105.90	-45.39	53.56	3	Vertical	167	2.96	BP 1MHz	33.41	8.42	34.88			
PK	5.8876G	112.44	Inf	-Inf	104.69	3	Vertical	167	2.96	BP 1MHz	34.05	8.49	34.79			
RMS	5.8826G	105.44	Inf	-Inf	97.72	3	Vertical	167	2.96	BP 1MHz	34.03	8.49	34.80			
PK	5.89555G	85.47	109.80	-24.33	77.69	3	Vertical	167	2.96	BP 1MHz	34.08	8.49	34.79			
RMS	5.89555G	76.99	89.80	-12.81	69.21	3	Vertical	167	2.96	BP 1MHz	34.08	8.49	34.79			

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

5885MHz_TX

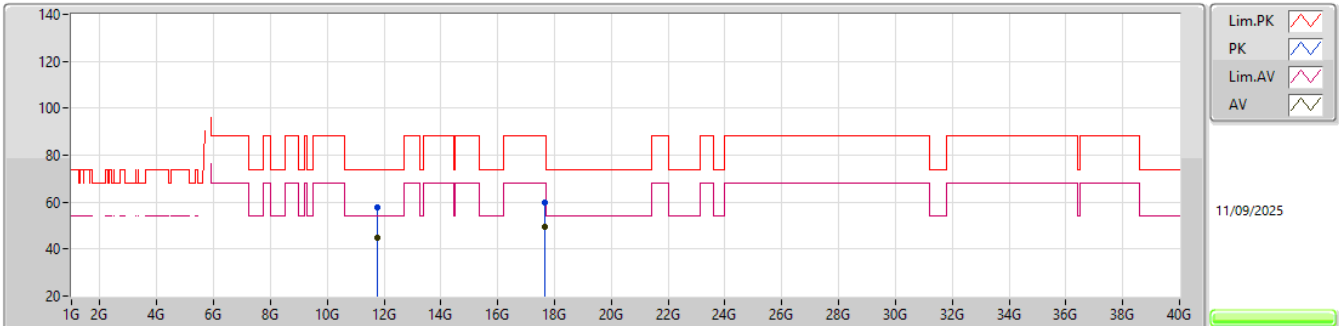


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	5.72445G	61.08	120.95	-59.87	54.02	3	Horizontal	277	1.01	BP 1MHz	33.50	8.43	34.87
PK	5.8926G	120.03	Inf	-Inf	112.26	3	Horizontal	277	1.01	BP 1MHz	34.07	8.49	34.79
RMS	5.8876G	112.34	Inf	-Inf	104.59	3	Horizontal	277	1.01	BP 1MHz	34.05	8.49	34.79
PK	5.89555G	92.93	109.80	-16.87	85.15	3	Horizontal	277	1.01	BP 1MHz	34.08	8.49	34.79
RMS	5.89555G	84.10	89.80	-5.70	76.32	3	Horizontal	277	1.01	BP 1MHz	34.08	8.49	34.79

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

5885MHz_TX

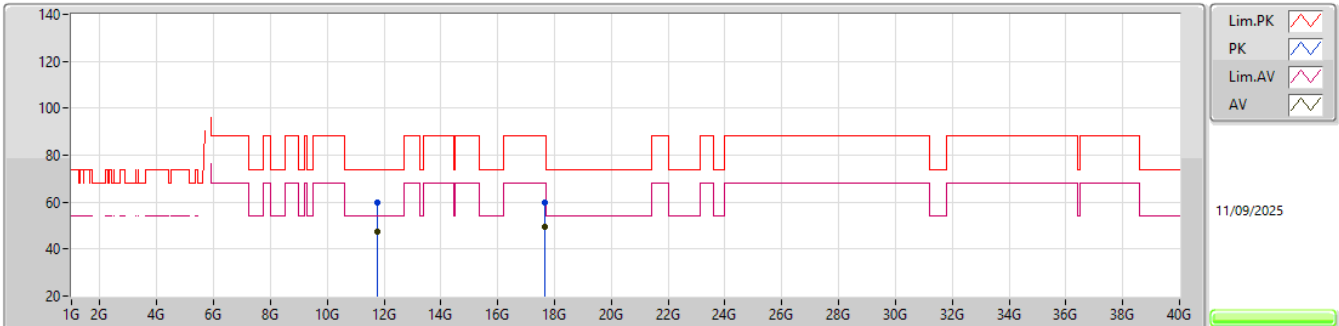


EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	11.7624G	57.62	74.00	-16.38	40.35	3	Vertical	149	1.80	-	38.52	12.00	33.25				
AV	11.7642G	44.97	54.00	-9.03	27.68	3	Vertical	149	1.80	-	38.53	12.01	33.25				
PK	17.6618G	60.07	88.20	-28.13	37.72	3	Vertical	202	1.85	-	39.89	15.12	32.66				
RMS	17.6797G	49.32	68.20	-18.88	26.83	3	Vertical	202	1.85	-	40.04	15.13	32.68				

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

5885MHz_TX

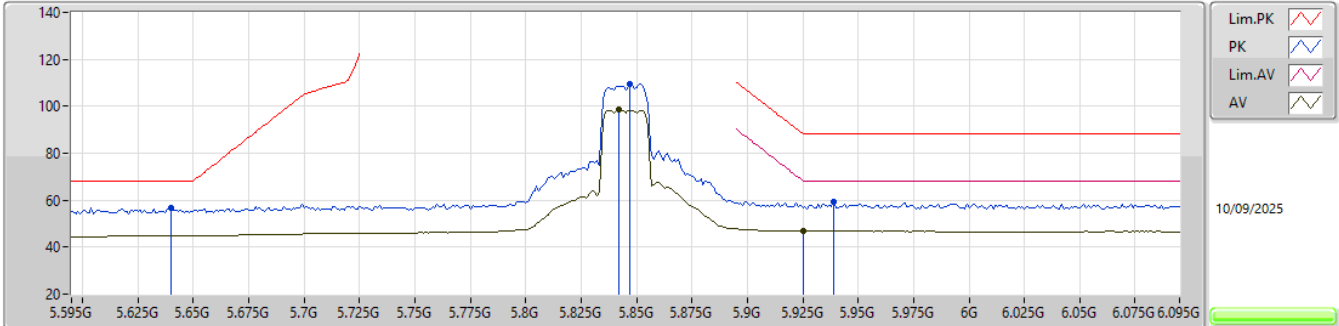


EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7723G	60.07	74.00	-13.93	42.78	3	Horizontal	197	1.80	-	38.54	12.01	33.26			
AV	11.7699G	47.57	54.00	-6.43	30.28	3	Horizontal	197	1.80	-	38.54	12.01	33.26			
PK	17.6779G	59.79	88.20	-28.41	37.32	3	Horizontal	35	1.32	-	40.02	15.13	32.68			
RMS	17.6794G	49.32	68.20	-18.88	26.83	3	Horizontal	35	1.32	-	40.04	15.13	32.68			

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

5845MHz_TX

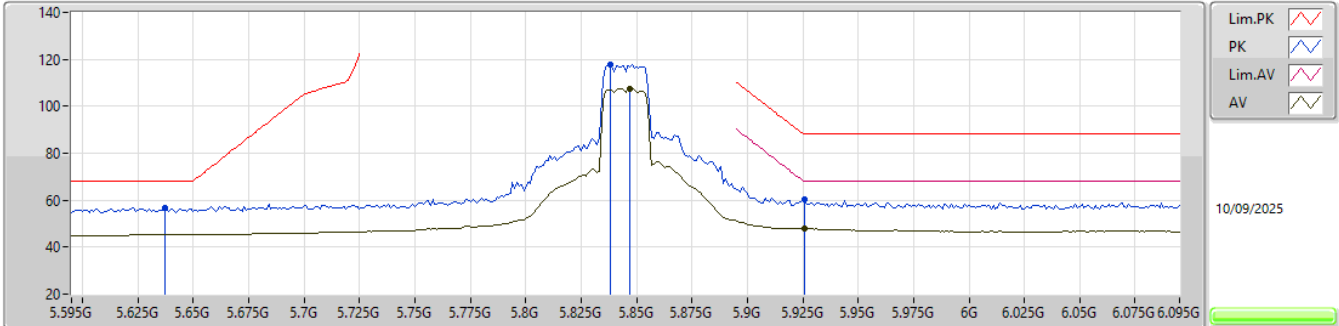


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	56.74	68.20	-11.46	50.27	3	Vertical	160	2.84	-	32.98	8.40	34.91			
PK	5.847G	109.68	Inf	-Inf	102.13	3	Vertical	160	2.84	-	33.89	8.47	34.81			
RMS	5.842G	98.38	Inf	-Inf	90.85	3	Vertical	160	2.84	-	33.88	8.47	34.82			
PK	5.939G	59.30	88.20	-28.90	51.38	3	Vertical	160	2.84	-	34.18	8.51	34.77			
RMS	5.925G	47.05	68.20	-21.15	39.17	3	Vertical	160	2.84	-	34.15	8.51	34.78			

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

5845MHz_TX

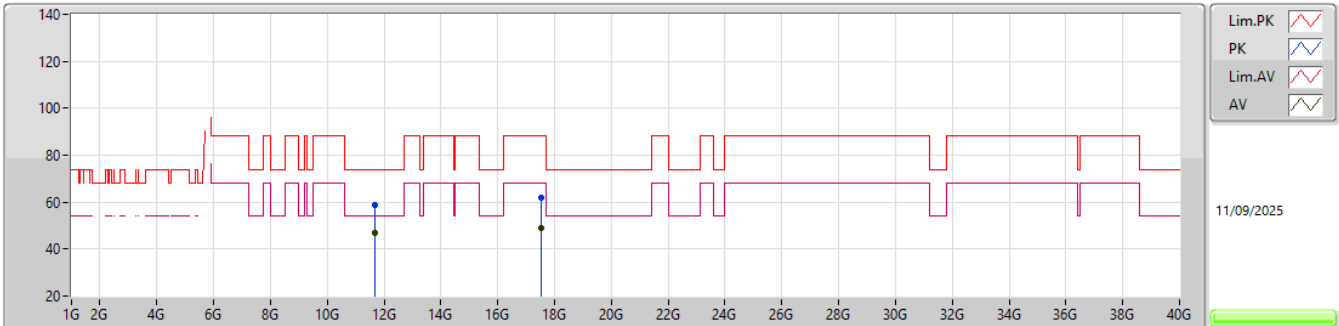


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	5.637G	56.55	68.20	-11.65	50.09	3	Horizontal	285	1.01	-	32.97	8.40	34.91			
PK	5.838G	117.80	Inf	-Inf	110.27	3	Horizontal	285	1.01	-	33.88	8.47	34.82			
RMS	5.847G	107.27	Inf	-Inf	99.72	3	Horizontal	285	1.01	-	33.89	8.47	34.81			
PK	5.926G	60.14	88.20	-28.06	52.26	3	Horizontal	285	1.01	-	34.15	8.51	34.78			
RMS	5.926G	47.89	68.20	-20.31	40.01	3	Horizontal	285	1.01	-	34.15	8.51	34.78			

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

5845MHz_TX

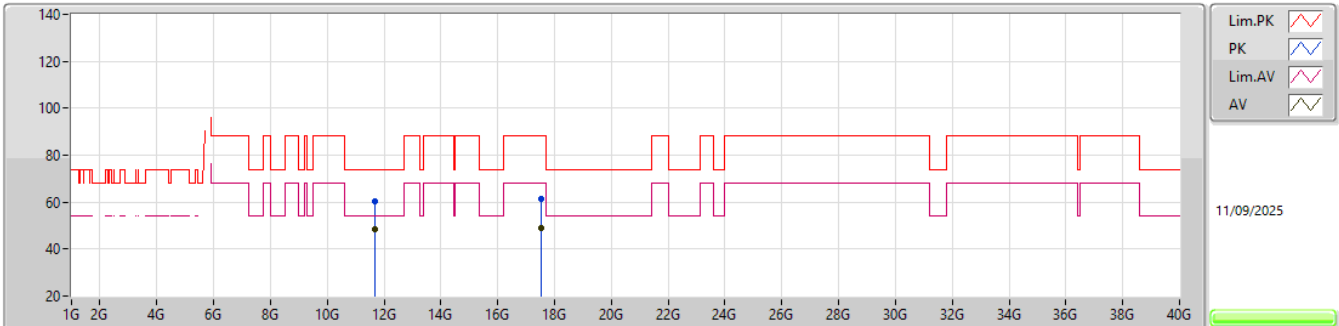


EUT_Z_1TX
Setting 25
05-R-E-5

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	11.6894G	58.67	74.00	-15.33	41.35	3	Vertical	154	2.90	-	38.50	11.97	33.15			
AV	11.6887G	46.75	54.00	-7.25	29.43	3	Vertical	154	2.90	-	38.50	11.97	33.15			
PK	17.519G	61.71	88.20	-26.49	39.80	3	Vertical	247	2.66	-	39.35	15.05	32.49			
RMS	17.5192G	48.92	68.20	-19.28	27.01	3	Vertical	247	2.66	-	39.35	15.05	32.49			

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

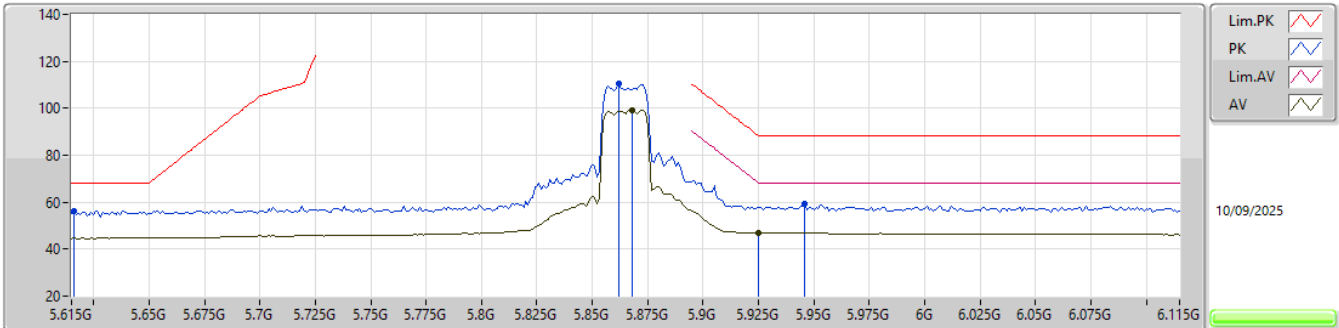
5845MHz_TX

EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.6905G	60.53	74.00	-13.47	43.22	3	Horizontal	253	1.02	-	38.50	11.97	33.16			
AV	11.6887G	48.23	54.00	-5.77	30.91	3	Horizontal	253	1.02	-	38.50	11.97	33.15			
PK	17.5181G	61.48	88.20	-26.72	39.58	3	Horizontal	180	2.70	-	39.34	15.05	32.49			
RMS	17.519G	48.92	68.20	-19.28	27.01	3	Horizontal	180	2.70	-	39.35	15.05	32.49			

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

5865MHz_TX

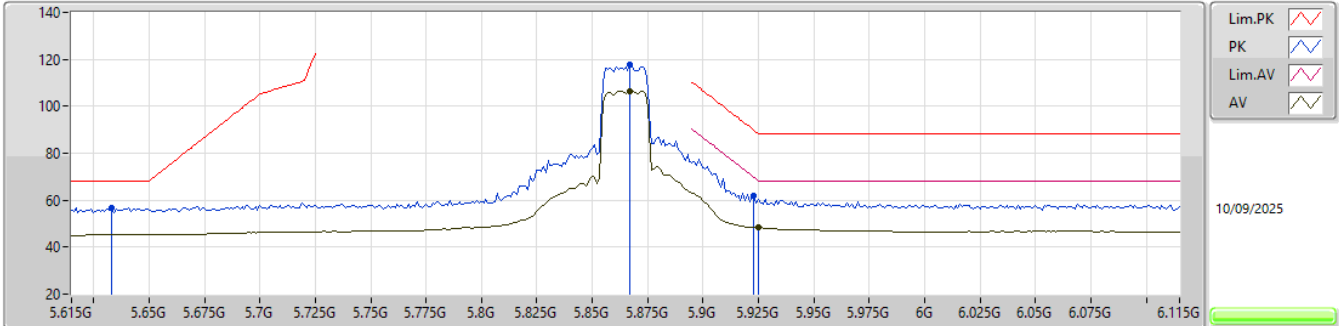


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	5.616G	56.46	68.20	-11.74	50.06	3	Vertical	166	3.00	-	32.93	8.39	34.92			
PK	5.862G	110.37	Inf	-Inf	102.75	3	Vertical	166	3.00	-	33.95	8.48	34.81			
RMS	5.868G	99.03	Inf	-Inf	91.38	3	Vertical	166	3.00	-	33.97	8.48	34.80			
PK	5.946G	59.21	88.20	-28.99	51.27	3	Vertical	166	3.00	-	34.19	8.52	34.77			
RMS	5.925G	46.82	68.20	-21.38	38.94	3	Vertical	166	3.00	-	34.15	8.51	34.78			

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

5865MHz_TX

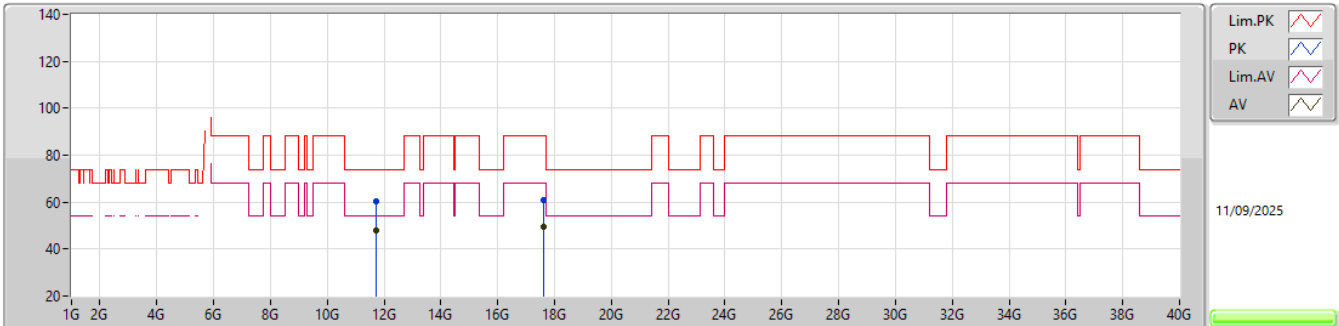


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	56.78	68.20	-11.42	50.33	3	Horizontal	276	1.03	-	32.97	8.40	34.92			
PK	5.867G	117.95	Inf	-Inf	110.30	3	Horizontal	276	1.03	-	33.97	8.48	34.80			
RMS	5.867G	106.54	Inf	-Inf	98.89	3	Horizontal	276	1.03	-	33.97	8.48	34.80			
PK	5.923G	62.01	89.67	-27.66	54.13	3	Horizontal	276	1.03	-	34.15	8.51	34.78			
RMS	5.925G	48.29	68.20	-19.91	40.41	3	Horizontal	276	1.03	-	34.15	8.51	34.78			

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

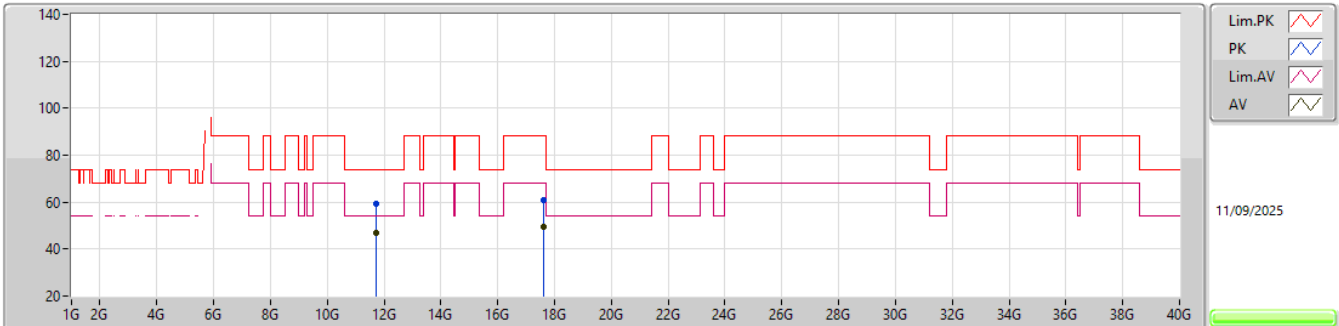
5865MHz_TX

EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7324G	60.10	74.00	-13.90	42.82	3	Vertical	139	2.81	-	38.50	11.99	33.21			
AV	11.7308G	47.84	54.00	-6.16	30.56	3	Vertical	139	2.81	-	38.50	11.99	33.21			
PK	17.6065G	60.83	88.20	-27.37	38.63	3	Vertical	292	1.59	-	39.71	15.09	32.60			
RMS	17.6064G	49.26	68.20	-18.94	27.06	3	Vertical	292	1.59	-	39.71	15.09	32.60			

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

5865MHz_TX

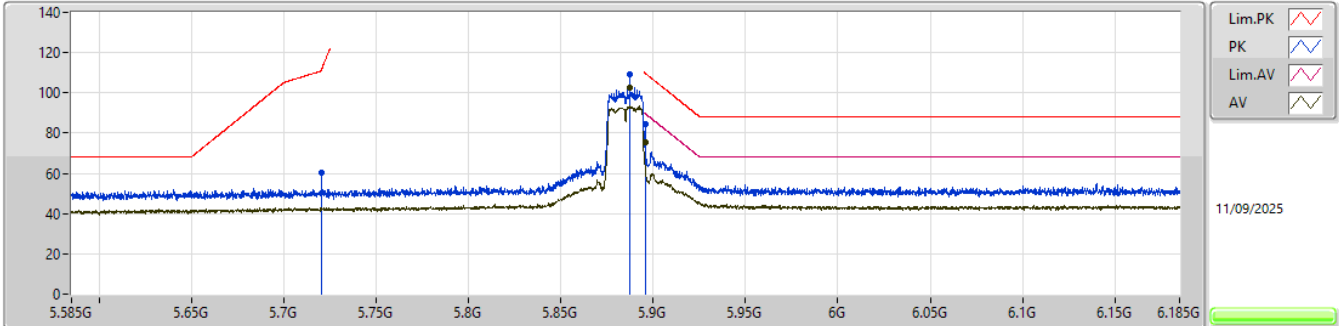


EUT_Z_1TX
Setting 25
05-R-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.7281G	59.22	74.00	-14.78	41.94	3	Horizontal	198	1.80	-	38.50	11.99	33.21			
AV	11.7309G	47.10	54.00	-6.90	29.82	3	Horizontal	198	1.80	-	38.50	11.99	33.21			
PK	17.5991G	60.76	88.20	-27.44	38.56	3	Horizontal	306	2.30	-	39.70	15.09	32.59			
RMS	17.5996G	49.23	68.20	-18.97	27.03	3	Horizontal	306	2.30	-	39.70	15.09	32.59			

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

5885MHz_TX

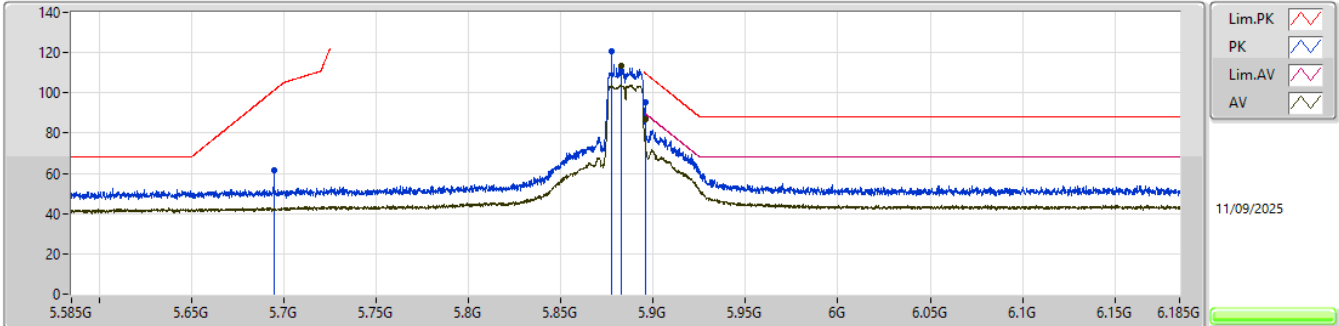


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	5.7205G	60.37	111.94	-51.57	53.33	3	Vertical	163	2.26	BP 1MHz	33.48	8.43	34.87			
PK	5.8876G	109.31	Inf	-Inf	101.56	3	Vertical	163	2.26	BP 1MHz	34.05	8.49	34.79			
RMS	5.8876G	102.75	Inf	-Inf	95.00	3	Vertical	163	2.26	BP 1MHz	34.05	8.49	34.79			
PK	5.89555G	84.55	109.80	-25.25	76.77	3	Vertical	163	2.26	BP 1MHz	34.08	8.49	34.79			
RMS	5.89555G	75.63	89.80	-14.17	67.85	3	Vertical	163	2.26	BP 1MHz	34.08	8.49	34.79			

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

5885MHz_TX

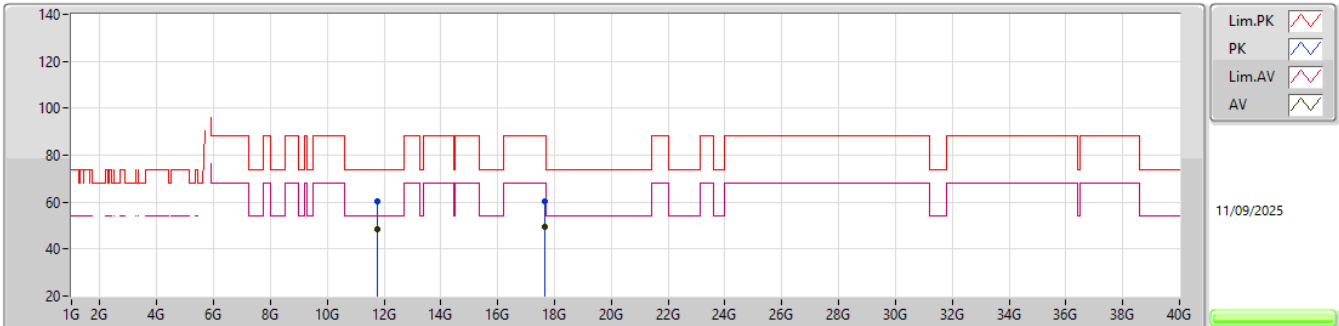


EUT_Z_1TX
Setting 25
05-R-E-5-6

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	5.6945G	61.57	101.13	-39.56	54.68	3	Horizontal	275	1.00	BP 1MHz	33.36	8.42	34.89
PK	5.8776G	120.68	Inf	-Inf	112.99	3	Horizontal	275	1.00	BP 1MHz	34.01	8.48	34.80
RMS	5.8826G	113.39	Inf	-Inf	105.67	3	Horizontal	275	1.00	BP 1MHz	34.03	8.49	34.80
PK	5.89555G	95.43	109.80	-14.37	87.65	3	Horizontal	275	1.00	BP 1MHz	34.08	8.49	34.79
RMS	5.89555G	86.65	89.80	-3.15	78.87	3	Horizontal	275	1.00	BP 1MHz	34.08	8.49	34.79

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

5885MHz_TX

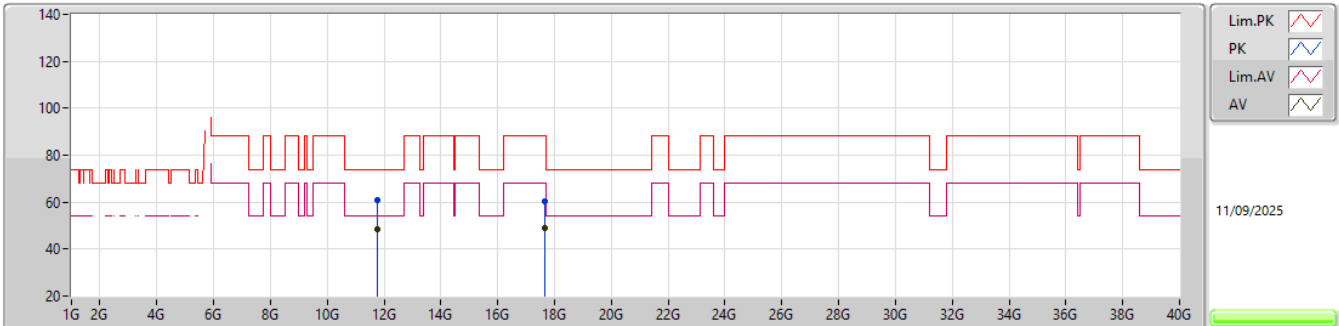


EUT_Z_1TX
Setting 25
05-R-E-5

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	11.7685G	60.30	74.00	-13.70	43.01	3	Vertical	142	2.94	-	38.54	12.01	33.26			
AV	11.7688G	48.45	54.00	-5.55	31.16	3	Vertical	142	2.94	-	38.54	12.01	33.26			
PK	17.6779G	60.45	88.20	-27.75	37.98	3	Vertical	329	2.43	-	40.02	15.13	32.68			
RMS	17.6781G	49.31	68.20	-18.89	26.84	3	Vertical	329	2.43	-	40.02	15.13	32.68			

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

5885MHz_TX



EUT_Z_1TX
Setting 25
05-R-E-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	11.7764G	60.99	74.00	-13.01	43.70	3	Horizontal	251	1.04	-	38.55	12.01	33.27			
AV	11.77G	48.62	54.00	-5.38	31.33	3	Horizontal	251	1.04	-	38.54	12.01	33.26			
PK	17.6773G	60.29	88.20	-27.91	37.82	3	Horizontal	198	1.31	-	40.02	15.13	32.68			
RMS	17.677G	49.21	68.20	-18.99	26.74	3	Horizontal	198	1.31	-	40.02	15.13	32.68			

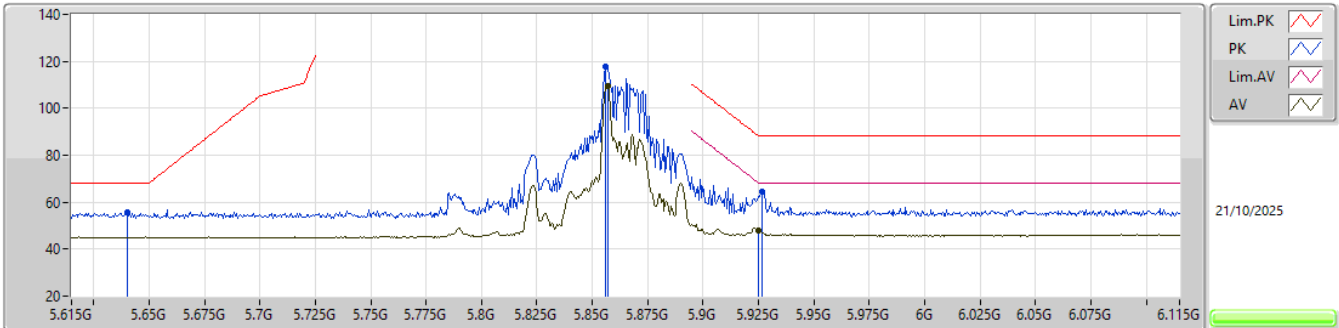


Summary

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),RU52,#RU37_1TX	Pass	AV	11.7152G	52.96	54.00	-1.04	3	Horizontal	48	1.04	-

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX

5865MHz_TX

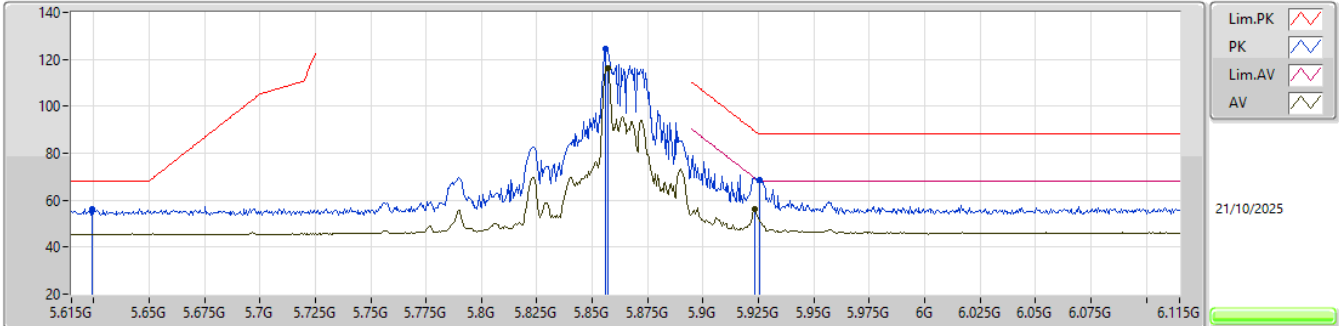


EUT_Z_1TX
Setting 24
05-W-B-5-6

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	5.84G	55.84	68.20	-12.36	49.06	3	Vertical	250	2.79	-	34.30	7.38	34.90			
PK	5.856G	117.80	Inf	-Inf	110.93	3	Vertical	250	2.79	-	34.32	7.52	34.97			
RMS	5.857G	109.40	Inf	-Inf	102.52	3	Vertical	250	2.79	-	34.33	7.52	34.97			
PK	5.9265G	64.33	88.20	-23.87	57.19	3	Vertical	250	2.79	-	34.61	7.52	34.99			
RMS	5.925G	48.02	68.20	-20.18	40.89	3	Vertical	250	2.79	-	34.60	7.52	34.99			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX

5865MHz_TX

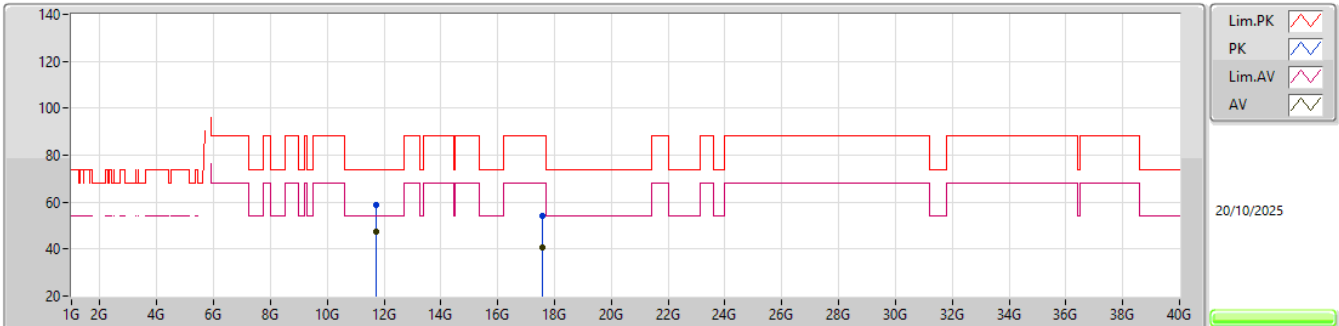


EUT_Z_1TX
Setting 24
05-W-B-5-6

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	56.26	68.20	-11.94	49.49	3	Horizontal	19	1.06	-	34.30	7.37	34.90			
PK	5.856G	124.40	Inf	-Inf	117.53	3	Horizontal	19	1.06	-	34.32	7.52	34.97			
RMS	5.857G	115.99	Inf	-Inf	109.11	3	Horizontal	19	1.06	-	34.33	7.52	34.97			
PK	5.9255G	68.46	88.20	-19.74	61.33	3	Horizontal	19	1.06	-	34.60	7.52	34.99			
RMS	5.9235G	56.36	69.30	-12.94	49.24	3	Horizontal	19	1.06	-	34.59	7.52	34.99			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX

5865MHz_TX

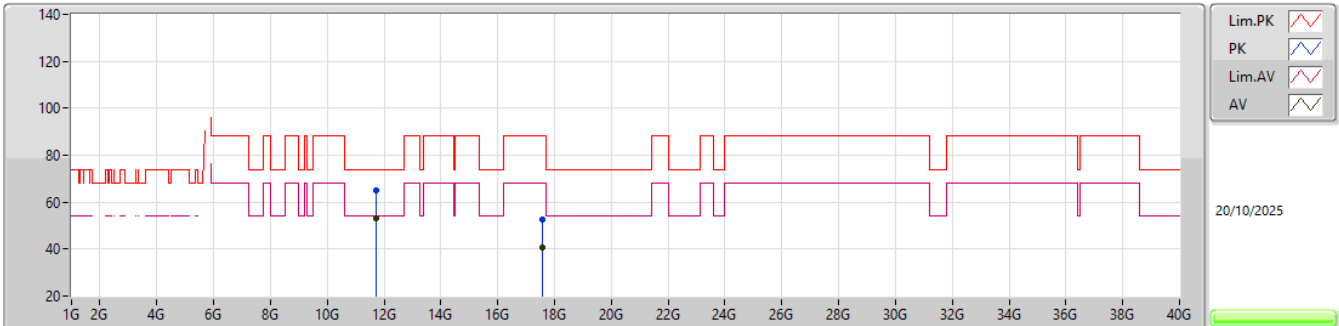


EUT_Z_1TX
Setting 16
03-W-B-5

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	11.71253G	58.81	74.00	-15.19	74.57	3	Vertical	248	2.87	-	39.43	10.82	66.01				
AV	11.71298G	47.18	54.00	-6.82	62.94	3	Vertical	248	2.87	-	39.43	10.82	66.01				
PK	17.56998G	54.16	88.20	-34.04	62.19	3	Vertical	72	1.73	-	43.10	13.08	64.21				
AV	17.56968G	40.85	68.20	-27.35	48.88	3	Vertical	72	1.73	-	43.10	13.08	64.21				

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU0_1TX

5865MHz_TX

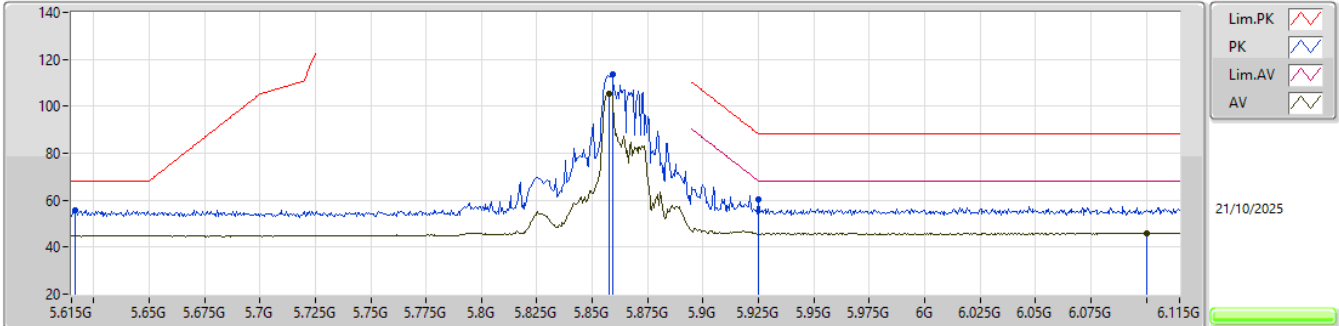


EUT_Z_1TX
Setting 16
03-W-B-5

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	11.7137G	64.96	74.00	-9.04	80.72	3	Horizontal	310	1.05	-	39.43	10.82	66.01			
AV	11.71334G	52.94	54.00	-1.06	68.70	3	Horizontal	310	1.05	-	39.43	10.82	66.01			
PK	17.57022G	52.76	88.20	-35.44	60.79	3	Horizontal	117	2.85	-	43.10	13.08	64.21			
AV	17.5701G	40.58	68.20	-27.62	48.61	3	Horizontal	117	2.85	-	43.10	13.08	64.21			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX

5865MHz_TX

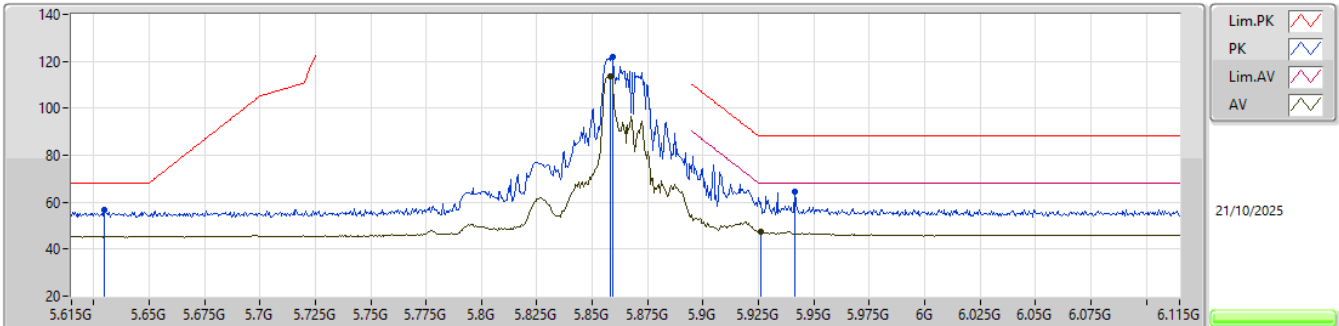


EUT_Z_1TX
Setting 24
05-W-B-5-6

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	5.6165G	55.81	68.20	-12.39	49.04	3	Vertical	250.2	2.54	-	34.30	7.36	34.89			
PK	5.859G	113.52	Inf	-Inf	106.63	3	Vertical	250.2	2.54	-	34.34	7.52	34.97			
RMS	5.8575G	105.55	Inf	-Inf	98.67	3	Vertical	250.2	2.54	-	34.33	7.52	34.97			
PK	5.925G	60.36	88.20	-27.84	53.23	3	Vertical	250.2	2.54	-	34.60	7.52	34.99			
RMS	6.1G	45.97	68.20	-22.23	38.36	3	Vertical	250.2	2.54	-	35.00	7.64	35.03			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX

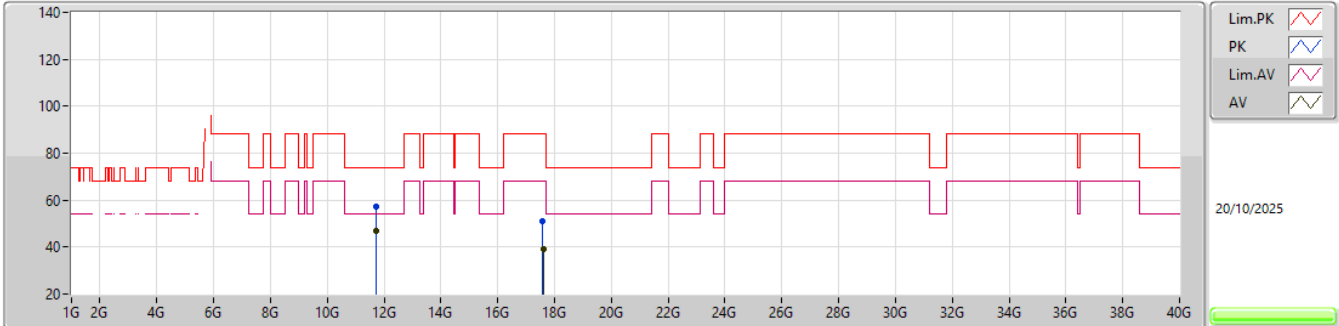
5865MHz_TX

EUT_Z_1TX
Setting 24
05-W-B-5-6

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	5.63G	56.86	68.20	-11.34	50.09	3	Horizontal	18	1.05	-	34.30	7.37	34.90
RMS	5.858G	113.58	Inf	-Inf	106.70	3	Horizontal	18	1.05	-	34.33	7.52	34.97
PK	5.859G	121.75	Inf	-Inf	114.86	3	Horizontal	18	1.05	-	34.34	7.52	34.97
PK	5.9415G	64.62	88.20	-23.58	57.42	3	Horizontal	18	1.05	-	34.67	7.52	34.99
RMS	5.926G	47.21	68.20	-20.99	40.08	3	Horizontal	18	1.05	-	34.60	7.52	34.99

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX

5865MHz_TX

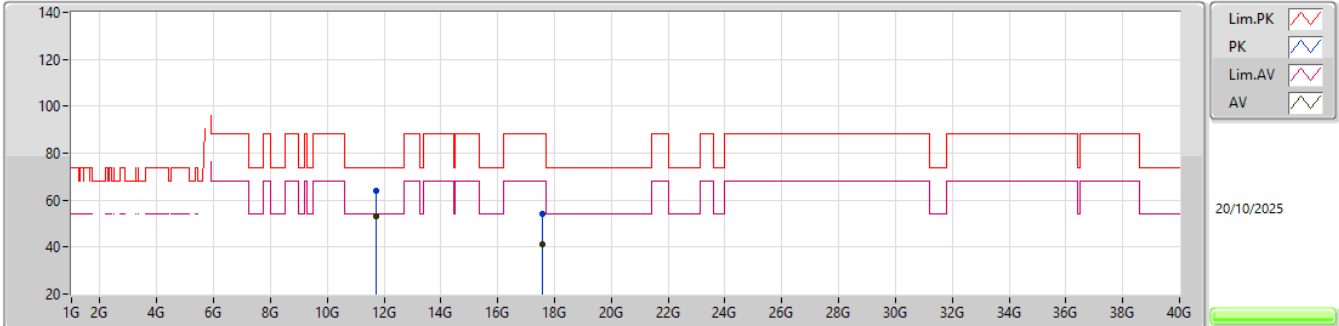


EUT_Z_1TX
Setting 19
03-W-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.71644G	57.17	74.00	-16.83	72.93	3	Vertical	187	3.00	-	39.43	10.82	66.01			
AV	11.71506G	46.90	54.00	-7.10	62.66	3	Vertical	187	3.00	-	39.43	10.82	66.01			
PK	17.5902G	51.06	88.20	-37.14	58.87	3	Vertical	23	1.28	-	43.30	13.09	64.20			
AV	17.61066G	39.35	68.20	-28.85	46.98	3	Vertical	23	1.28	-	43.46	13.10	64.19			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU37_1TX

5865MHz_TX

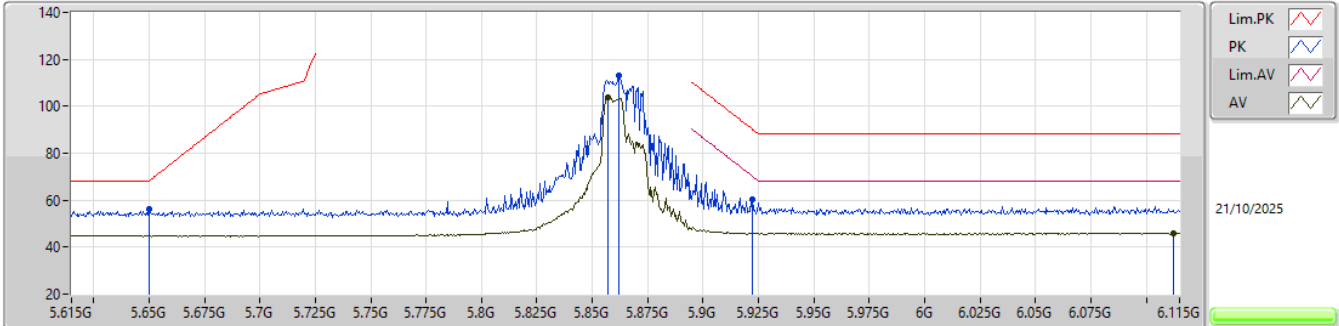


EUT_Z_1TX
Setting 19
03-W-B-5

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	11.7155G	63.74	74.00	-10.26	79.50	3	Horizontal	48	1.04	-	39.43	10.82	66.01				
AV	11.7152G	52.96	54.00	-1.04	68.72	3	Horizontal	48	1.04	-	39.43	10.82	66.01				
PK	17.57412G	54.07	88.20	-34.13	62.06	3	Horizontal	315	2.31	-	43.14	13.08	64.21				
AV	17.57262G	41.33	68.20	-26.87	49.33	3	Horizontal	315	2.31	-	43.13	13.08	64.21				

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX

5865MHz_TX

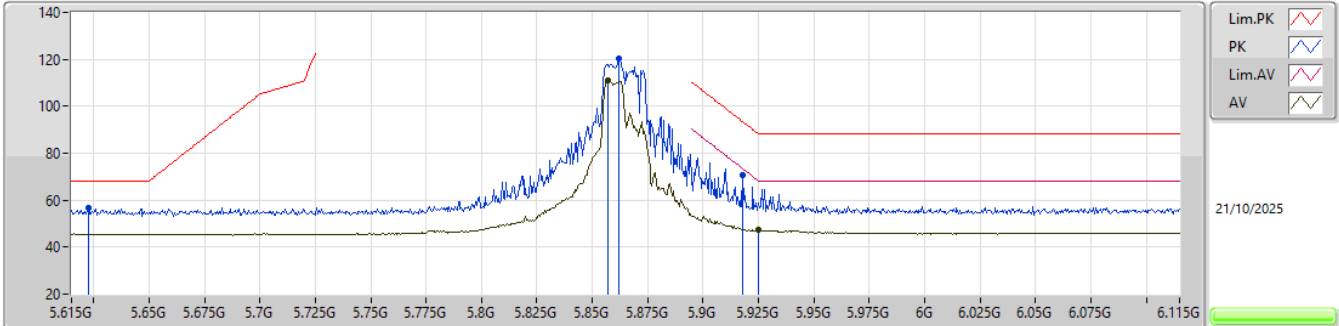


EUT_Z_1TX
Setting 24
05-W-B-5-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.65G	55.97	68.20	-12.23	49.19	3	Vertical	251	2.78	-	34.30	7.39	34.91			
PK	5.862G	112.86	Inf	-Inf	105.96	3	Vertical	251	2.78	-	34.35	7.52	34.97			
RMS	5.857G	103.80	Inf	-Inf	96.92	3	Vertical	251	2.78	-	34.33	7.52	34.97			
PK	5.9225G	60.56	90.03	-29.47	53.44	3	Vertical	251	2.78	-	34.59	7.52	34.99			
RMS	6.1125G	46.03	68.20	-22.17	38.41	3	Vertical	251	2.78	-	35.00	7.65	35.03			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX

5865MHz_TX

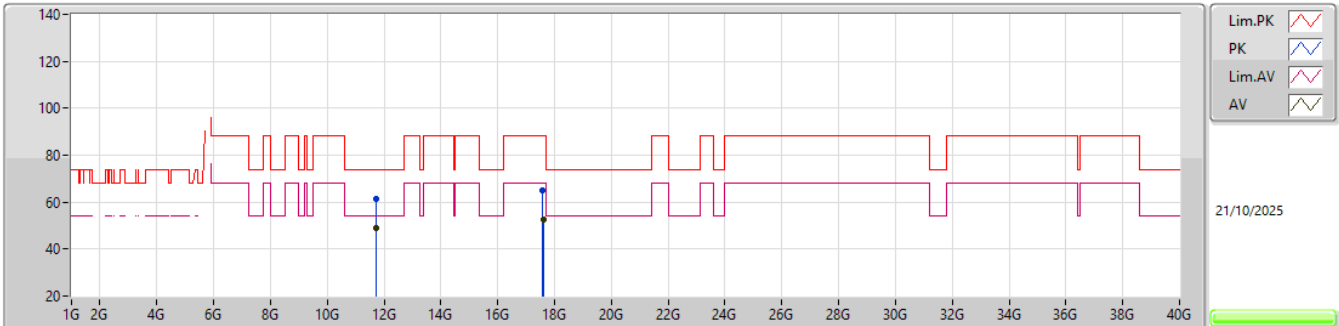


EUT_Z_1TX
Setting 24
05-W-B-5-6

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	5.6225G	56.64	68.20	-11.56	49.87	3	Horizontal	18	1.04	-	34.30	7.37	34.90			
PK	5.862G	120.15	Inf	-Inf	113.25	3	Horizontal	18	1.04	-	34.35	7.52	34.97			
RMS	5.857G	110.82	Inf	-Inf	103.94	3	Horizontal	18	1.04	-	34.33	7.52	34.97			
PK	5.918G	70.60	93.33	-22.73	63.50	3	Horizontal	18	1.04	-	34.57	7.52	34.99			
RMS	5.925G	47.39	68.20	-20.81	40.26	3	Horizontal	18	1.04	-	34.60	7.52	34.99			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX

5865MHz_TX

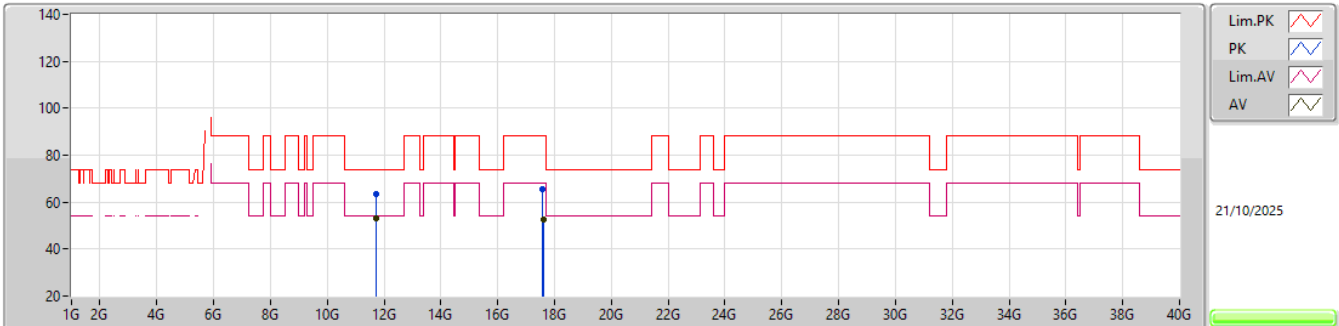


EUT_Z_1TX
Setting 24
04-E-G-5

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	11.716G	61.55	74.00	-12.45	51.87	3	Vertical	276	1.21	-	39.34	13.39	43.05			
AV	11.718G	48.72	54.00	-5.28	39.05	3	Vertical	276	1.21	-	39.33	13.39	43.05			
PK	17.59244G	64.92	88.20	-23.28	48.41	3	Vertical	294	1.71	-	43.15	16.38	43.02			
RMS	17.5998G	52.66	68.20	-15.54	36.09	3	Vertical	294	1.71	-	43.20	16.38	43.01			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU53_1TX

5865MHz_TX

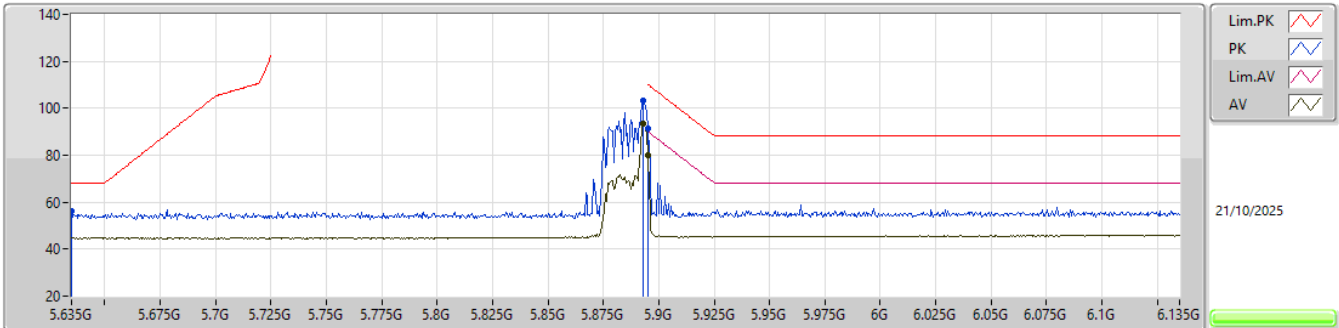


EUT_Z_1TX
Setting 24
04-E-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.72344G	63.63	74.00	-10.37	53.99	3	Horizontal	45	1.02	-	39.31	13.39	43.06			
AV	11.72176G	52.87	54.00	-1.13	43.22	3	Horizontal	45	1.02	-	39.31	13.39	43.05			
PK	17.57396G	65.29	88.20	-22.91	48.93	3	Horizontal	259	2.73	-	43.04	16.37	43.05			
RMS	17.63236G	52.49	68.20	-15.71	35.73	3	Horizontal	259	2.73	-	43.33	16.38	42.95			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

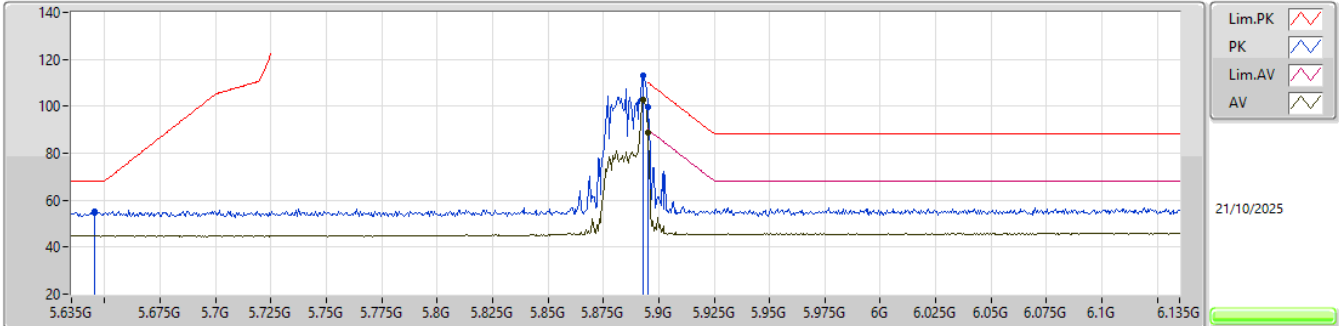
5885MHz_TX

EUT_Z_1TX
Setting 9
05-W-B-5-6

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	5.635G	56.19	68.20	-12.01	49.41	3	Vertical	255	2.44	-	34.30	7.38	34.90			
PK	5.893G	103.50	Inf	-Inf	96.49	3	Vertical	255	2.44	-	34.47	7.52	34.98			
RMS	5.893G	93.58	Inf	-Inf	86.57	3	Vertical	255	2.44	-	34.47	7.52	34.98			
PK	5.895G	91.19	110.20	-19.01	84.17	3	Vertical	255	2.44	-	34.48	7.52	34.98			
RMS	5.895G	80.22	90.20	-9.98	73.20	3	Vertical	255	2.44	-	34.48	7.52	34.98			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

5885MHz_TX

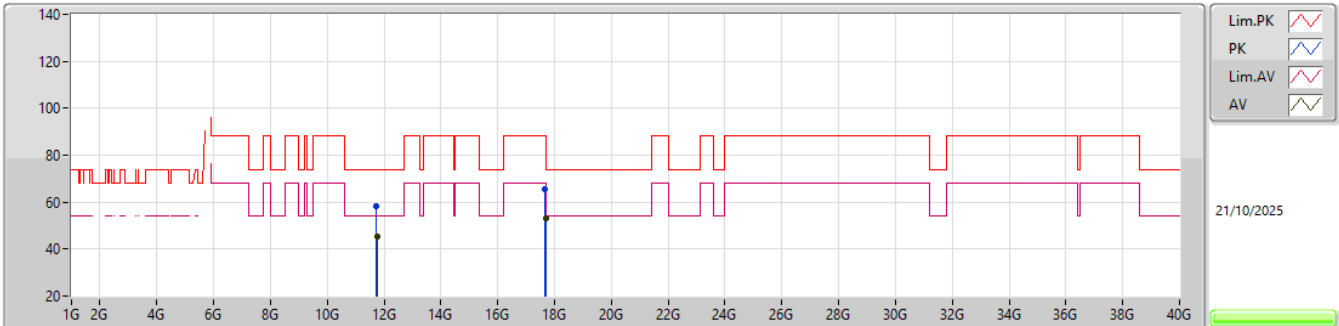


EUT_Z_1TX
Setting 9
05-W-B-5-6

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	55.18	68.20	-13.02	48.39	3	Horizontal	27	1.12	-	34.30	7.39	34.90			
PK	5.893G	113.03	Inf	-Inf	106.02	3	Horizontal	27	1.12	-	34.47	7.52	34.98			
RMS	5.893G	102.51	Inf	-Inf	95.50	3	Horizontal	27	1.12	-	34.47	7.52	34.98			
PK	5.895G	99.74	110.20	-10.46	92.72	3	Horizontal	27	1.12	-	34.48	7.52	34.98			
RMS	5.895G	88.85	90.20	-1.35	81.83	3	Horizontal	27	1.12	-	34.48	7.52	34.98			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

5885MHz_TX

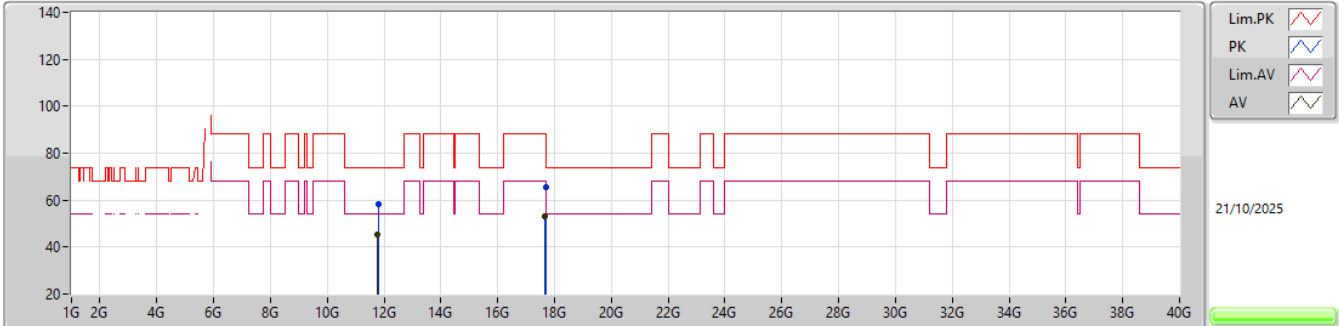


EUT_Z_1TX
Setting 9
04-E-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.73272G	58.21	74.00	-15.79	48.61	3	Vertical	320	1.40	-	39.27	13.40	43.07			
AV	11.74712G	45.23	54.00	-8.77	35.70	3	Vertical	320	1.40	-	39.21	13.41	43.09			
PK	17.67852G	65.51	88.20	-22.69	48.31	3	Vertical	342	1.79	-	43.69	16.38	42.87			
RMS	17.69004G	52.91	68.20	-15.29	35.57	3	Vertical	342	1.79	-	43.80	16.39	42.85			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU26,#RU8_1TX

5885MHz_TX

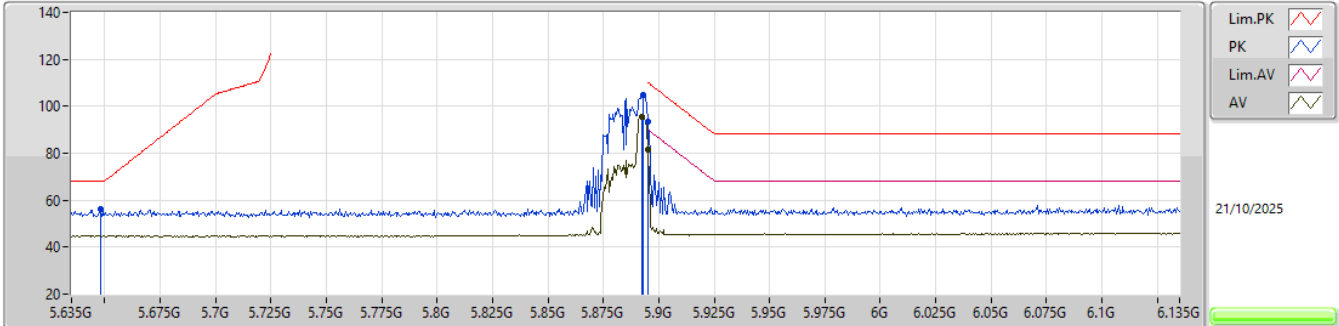


EUT_Z_1TX
Setting 9
04-E-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.8064G	58.09	74.00	-15.91	48.93	3	Horizontal	22	1.80	-	38.89	13.45	43.18			
AV	11.7524G	45.35	54.00	-8.65	35.85	3	Horizontal	22	1.80	-	39.19	13.41	43.10			
PK	17.68412G	65.45	88.20	-22.75	48.18	3	Horizontal	46	2.11	-	43.74	16.39	42.86			
RMS	17.67364G	52.93	68.20	-15.27	35.79	3	Horizontal	46	2.11	-	43.64	16.38	42.88			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

5885MHz_TX

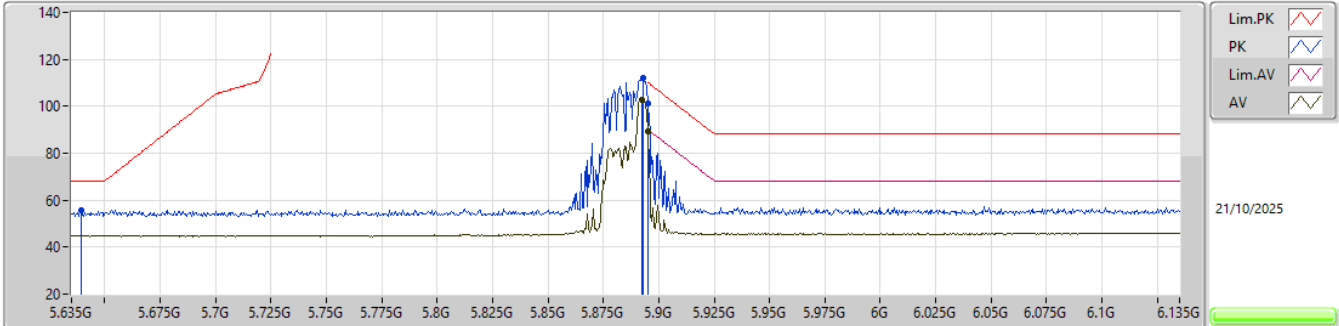


EUT_Z_1TX
Setting 11.5
05-W-B-5-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.648G	56.00	68.20	-12.20	49.21	3	Vertical	249	2.62	-	34.30	7.39	34.90			
PK	5.893G	104.96	Inf	-Inf	97.95	3	Vertical	249	2.62	-	34.47	7.52	34.98			
RMS	5.8925G	95.76	Inf	-Inf	88.75	3	Vertical	249	2.62	-	34.47	7.52	34.98			
PK	5.895G	93.26	110.20	-16.94	86.24	3	Vertical	249	2.62	-	34.48	7.52	34.98			
RMS	5.895G	81.75	90.20	-8.45	74.73	3	Vertical	249	2.62	-	34.48	7.52	34.98			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

5885MHz_TX

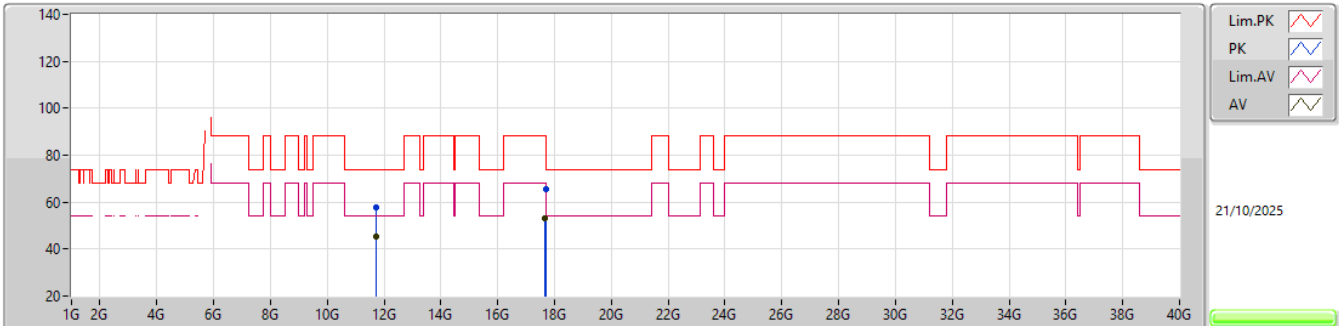


EUT_Z_1TX
Setting 11.5
05-W-B-5-6

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	5.6395G	55.77	68.20	-12.43	48.99	3	Horizontal	19	1.01	-	34.30	7.38	34.90			
PK	5.893G	112.14	Inf	-Inf	105.13	3	Horizontal	19	1.01	-	34.47	7.52	34.98			
RMS	5.8925G	102.89	Inf	-Inf	95.88	3	Horizontal	19	1.01	-	34.47	7.52	34.98			
PK	5.895G	101.27	110.20	-8.93	94.25	3	Horizontal	19	1.01	-	34.48	7.52	34.98			
RMS	5.895G	89.07	90.20	-1.13	82.05	3	Horizontal	19	1.01	-	34.48	7.52	34.98			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

5885MHz_TX

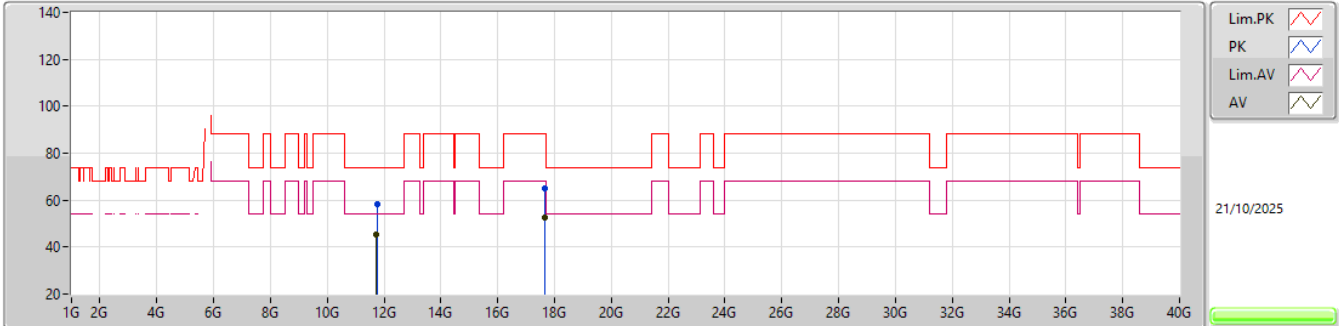


EUT_Z_1TX
Setting 11.5
04-E-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.74256G	57.75	74.00	-16.25	48.19	3	Vertical	29	2.21	-	39.23	13.41	43.08			
AV	11.73336G	45.16	54.00	-8.84	35.56	3	Vertical	29	2.21	-	39.27	13.40	43.07			
PK	17.6906G	65.62	88.20	-22.58	48.27	3	Vertical	352	1.34	-	43.81	16.39	42.85			
RMS	17.67668G	52.89	68.20	-15.31	35.72	3	Vertical	352	1.34	-	43.67	16.38	42.88			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU52,#RU40_1TX

5885MHz_TX

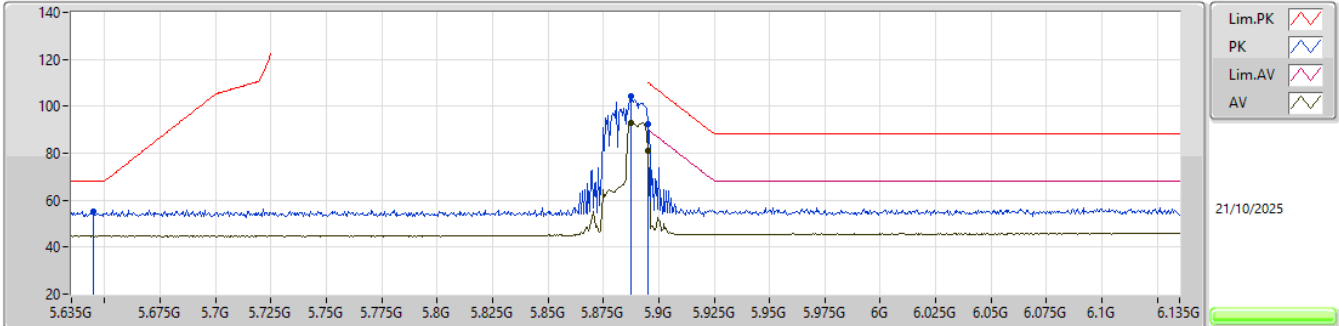


EUT_Z_1TX
Setting 11.5
04-E-G-5

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	11.74848G	58.30	74.00	-15.70	48.77	3	Horizontal	118	3.00	-	39.21	13.41	43.09			
AV	11.74112G	45.22	54.00	-8.78	35.66	3	Horizontal	118	3.00	-	39.24	13.40	43.08			
PK	17.6686G	65.23	88.20	-22.97	48.15	3	Horizontal	134	1.93	-	43.59	16.38	42.89			
RMS	17.65548G	52.84	68.20	-15.36	35.92	3	Horizontal	134	1.93	-	43.45	16.38	42.91			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

5885MHz_TX

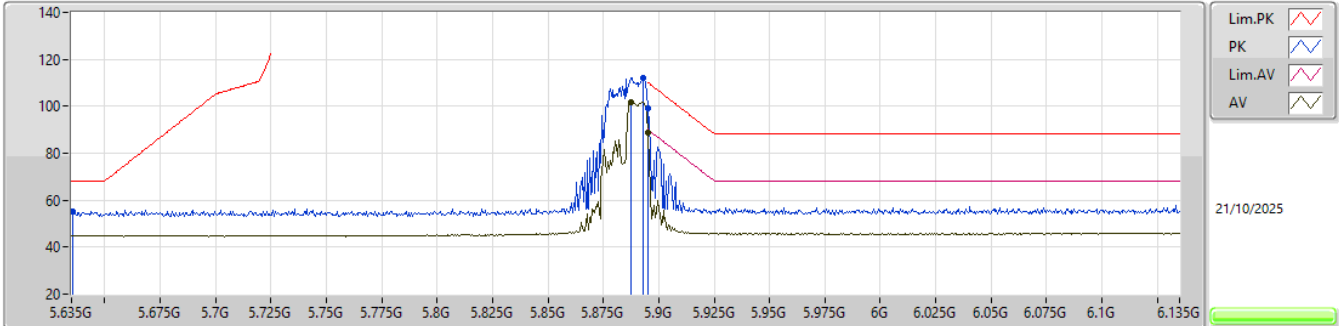


EUT_Z_1TX
Setting 13
05-W-B-5-6

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	5.645G	55.20	68.20	-13.00	48.41	3	Vertical	256	2.39	-	34.30	7.39	34.90			
PK	5.8875G	104.18	Inf	-Inf	97.19	3	Vertical	256	2.39	-	34.45	7.52	34.98			
RMS	5.8875G	93.00	Inf	-Inf	86.01	3	Vertical	256	2.39	-	34.45	7.52	34.98			
PK	5.895G	92.53	110.20	-17.67	85.51	3	Vertical	256	2.39	-	34.48	7.52	34.98			
RMS	5.895G	80.79	90.20	-9.41	73.77	3	Vertical	256	2.39	-	34.48	7.52	34.98			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

5885MHz_TX

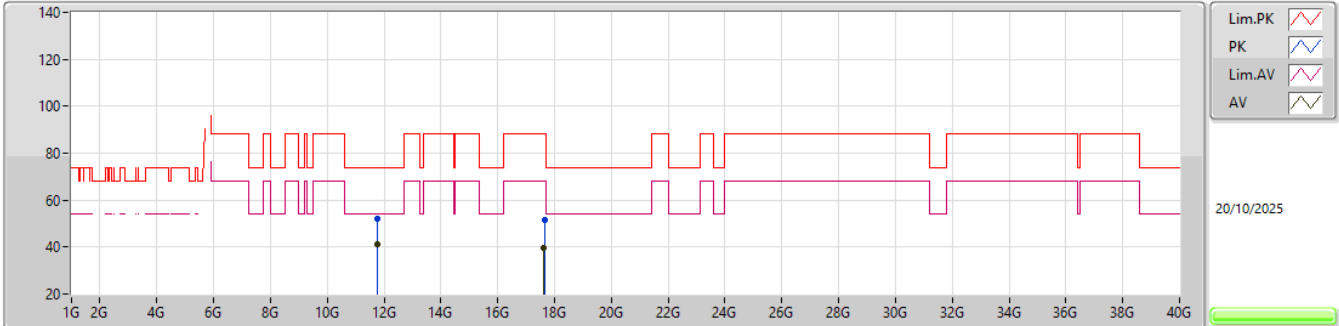


EUT_Z_1TX
Setting 13
05-W-B-5-6

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	5.6355G	55.06	68.20	-13.14	48.28	3	Horizontal	20	1.00	-	34.30	7.38	34.90			
PK	5.893G	112.03	Inf	-Inf	105.02	3	Horizontal	20	1.00	-	34.47	7.52	34.98			
RMS	5.8875G	101.91	Inf	-Inf	94.92	3	Horizontal	20	1.00	-	34.45	7.52	34.98			
PK	5.895G	99.13	110.20	-11.07	92.11	3	Horizontal	20	1.00	-	34.48	7.52	34.98			
RMS	5.895G	89.02	90.20	-1.18	82.00	3	Horizontal	20	1.00	-	34.48	7.52	34.98			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

5885MHz_TX

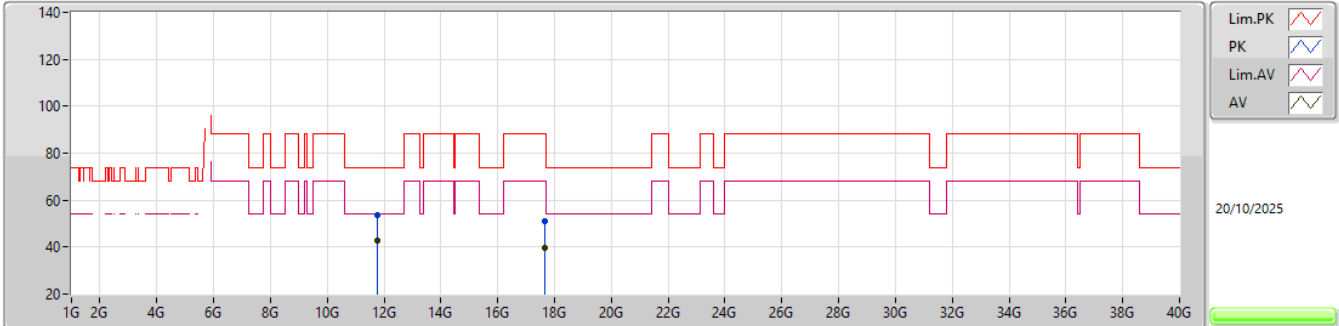


EUT_Z_1TX
Setting 13
03-W-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.78239G	51.86	74.00	-22.14	67.53	3	Vertical	252	2.97	-	39.44	10.84	65.95			
AV	11.78114G	41.14	54.00	-12.86	56.81	3	Vertical	252	2.97	-	39.44	10.84	65.95			
PK	17.6785G	51.52	88.20	-36.68	58.60	3	Vertical	139	2.27	-	43.93	13.13	64.14			
AV	17.63795G	39.52	68.20	-28.68	46.95	3	Vertical	139	2.27	-	43.63	13.11	64.17			

5.85-5.895GHz_802.11ax HEW20_Nss1,(MCS0),RU106,#RU54_1TX

5885MHz_TX



EUT_Z_1TX
Setting 13
03-W-B-5

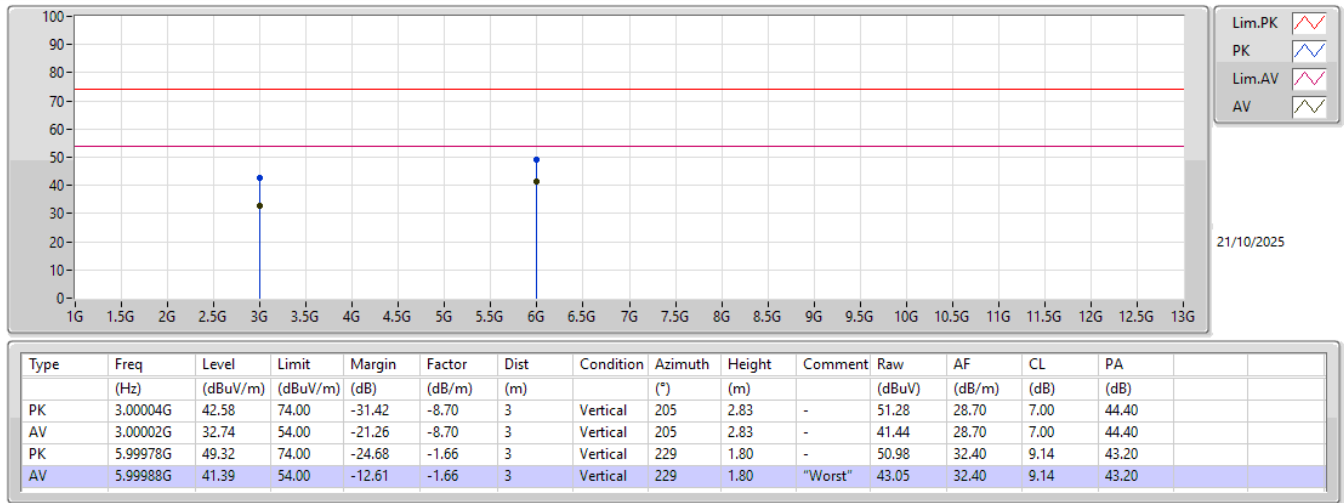
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.77965G	53.76	74.00	-20.24	69.43	3	Horizontal	309	1.33	-	39.44	10.84	65.95			
AV	11.78103G	42.69	54.00	-11.31	58.36	3	Horizontal	309	1.33	-	39.44	10.84	65.95			
PK	17.67564G	50.82	88.20	-37.38	57.92	3	Horizontal	138	2.47	-	43.91	13.13	64.14			
AV	17.67246G	39.57	68.20	-28.63	46.71	3	Horizontal	138	2.47	-	43.88	13.13	64.15			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	7.23527G	50.94	54.00	-3.06	Horizontal

Mode 1



Mode 1

