

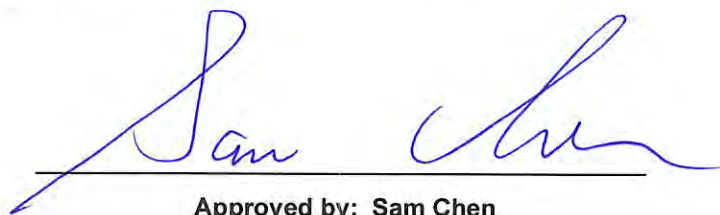


RADIO TEST REPORT

FCC ID : 2AYRA-100007
Equipment : Velop 7
Brand Name : LINKSYS
Model Name : LNM600, LNM600WH, LNM600MS, LNM600EC, SPNM60
Applicant : Linksys USA, Inc.
121 Theory, Irvine, CA. 92617, USA
Standard : 47 CFR FCC Part 15.247

The product was received on Apr. 09, 2025, and testing was started from Apr. 09, 2025 and completed on May 21, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: 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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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_6 Ver1.3

Page Number : 3 of 31
Issued Date : Jul. 30, 2025
Report Version : 01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	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: Cathy Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

Bluetooth LE uses a GFSK modulation.
BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz	Bluetooth					
1	1	1	-	GALTRONICS	02102140-08200A-1	PCB Antenna	U.FL	Note 1
2	2	2	-	GALTRONICS	02102140-08200A-2	PCB Antenna	U.FL	
3	-	-	1	GALTRONICS	02036073-07315	Embedded Antenna	N/A	

Note 1:

Ant.	Antenna Gain (dBi)					
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	Bluetooth
1	2.63	3.52	3.52	3.74	3.74	-
2	2.16	3.65	3.37	3.48	3.69	-
3	-	-	-	-	-	3.53

Note 2: The above information was declared by manufacturer.

Note 3: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

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

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

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

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

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

Where ;

$$2.4G \ G1 = 2.63 \text{ dBi} ; G2 = 2.16 \text{ dBi}$$

$$5G \text{ UNII-1} \ G1 = 3.52 \text{ dBi} ; G2 = 3.65 \text{ dBi}$$

$$5G \text{ UNII-2A} \ G1 = 3.52 \text{ dBi} ; G2 = 3.37 \text{ dBi}$$

$$5G \text{ UNII-2C} \ G1 = 3.74 \text{ dBi} ; G2 = 3.48 \text{ dBi}$$

$$5G \text{ UNII-3} \ G1 = 3.74 \text{ dBi} ; G2 = 3.69 \text{ dBi}$$

$$2.4G \ DG = 5.41$$

$$5G \text{ UNII-1} \ DG = 6.60$$

$$5G \text{ UNII-2A} \ DG = 6.46$$

$$5G \text{ UNII-2C} \ DG = 6.62$$

$$5G \text{ UNII-3} \ DG = 6.73$$

For 2.4GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax/be mode (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth function:

For Bluetooth mode (1TX/1RX):

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-LE(1Mbps)	0.627	2.03	391.875u	3k
BT-LE(2Mbps)	0.331	4.8	206.563u	5k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter		
Function	☒ Point-to-multipoint	☐ Point-to-point	
Test Software Version	QRCT 4.0.152.1		
Support Mode	☒ LE 1M PHY: 1 Mb/s		
	☐ LE Coded PHY (S=2): 500 Kb/s		
	☐ LE Coded PHY (S=8): 125 Kb/s		
	☒ LE 2M PHY: 2 Mb/s		

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

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

Model Name	Description
LNM600	For retail
LNM600WH	For warehouse
LNM600MS	For superstore
LNM600EC	For e-commerce
SPNM60	For service provider

Note 1: From the above models, model: LNM600 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Supports Function

Function
AP Router
Mesh

Note 1: For above table list, only AP Router mode was tested and recorded in this test.

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 15.247

ANSI C63.10-2013

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

FCC KDB 558074 D01 v05r02

FCC KDB 414788 D01 v01r01

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 ISCED.			

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Ken Yeh	21.7~22.1 / 61~62	Apr. 21, 2025~ Apr. 30, 2025
Radiated (Below 1GHz)	03CH05-CB	Serway Lee	21.5~22.9 / 57~60	May 21, 2025
Radiated (Above 1GHz)	03CH01-CB	Serway Lee	21.3~22.3 / 58~61	Apr. 16, 2025~ May 08, 2025
AC Conduction	CO01-CB	Ryan Huang	22~23 / 60~62	Apr. 09, 2025

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
BT-LE(1Mbps)
2402MHz
2440MHz
2480MHz
BT-LE(2Mbps)
2402MHz
2440MHz
2480MHz

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT + Internet 2 switch to LAN function + Adapter 1 + US plug 1 + USB Type C cable 1
2	EUT + Internet 2 switch to WAN function + Adapter 1 + US plug 1 + USB Type C cable 1
3	EUT+ Internet 2 switch to LAN function + Adapter 2 + US plug 2 + USB Type C cable 2
4	EUT+ Internet 2 switch to WAN function + Adapter 2 + US plug 2 + USB Type C cable 2
For operating mode 4 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis + WLAN 2.4GHz + Adapter 1 + US Plug 1 + USB Type C cable 1
2	EUT in Y axis + WLAN 2.4GHz + Adapter 2 + US Plug 2 + USB Type C cable 2
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 ~ 4 will follow this same test mode.	
3	EUT in Y axis + WLAN 5GHz + Adapter 2 + US Plug 2 + USB Type C cable 2
4	EUT in Y axis + Bluetooth + Adapter 2 + US Plug 2 + USB Type C cable 2
For operating mode 3 is the worst case and it was record in this test report.	



Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth + WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA540948-01 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	Ktec	KSA-35P-D5X	Input: 100-240V ~ 50/60Hz, 1.0A Output: 5.0V, 3.0A, 15.0W 9.0V, 3.0A, 27.0W
Adapter 2	Frecom	FC035P04-050030CP	Input: 100-240V~50/60Hz, 1.0A Output: 5.0V, 3.0A, 15.0W ; 9.0V, 3.0A, 27.0W ; 12.0V, 2.91A, 34.92W ; 15.0V, 2.33A, 34.95W ; 20.0V, 1.75A, 35.0W
Others			
US plug 1*1 (for adapter 1 use)			
US plug 2*1 (for adapter 2 use)			
USB Type-C cable 1*1 (for adapter 1 use), shielded, 1.5m			
USB Type-C cable 2*1 (for adapter 2 use), shielded, 1.5m			
RJ-45 cable*1, non-shielded, 1.8m			



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	internet1(WAN) PC	ASUS	S300TA	TX2-RTL8821CE
B	Port1,internet 2 (WAN) PC	ASUS	S300TA	TX2-RTL8821CE
C	2.4G NB	Lenovo	X260	N/A
D	5G NB	Lenovo	X260	N/A
E	Smart phone	Redmi	M1810F6LH	2AFZZ-RMSF6LG
F	Port2(LAN) PC	ASUS	S300TA	TX2-RTL8821CE

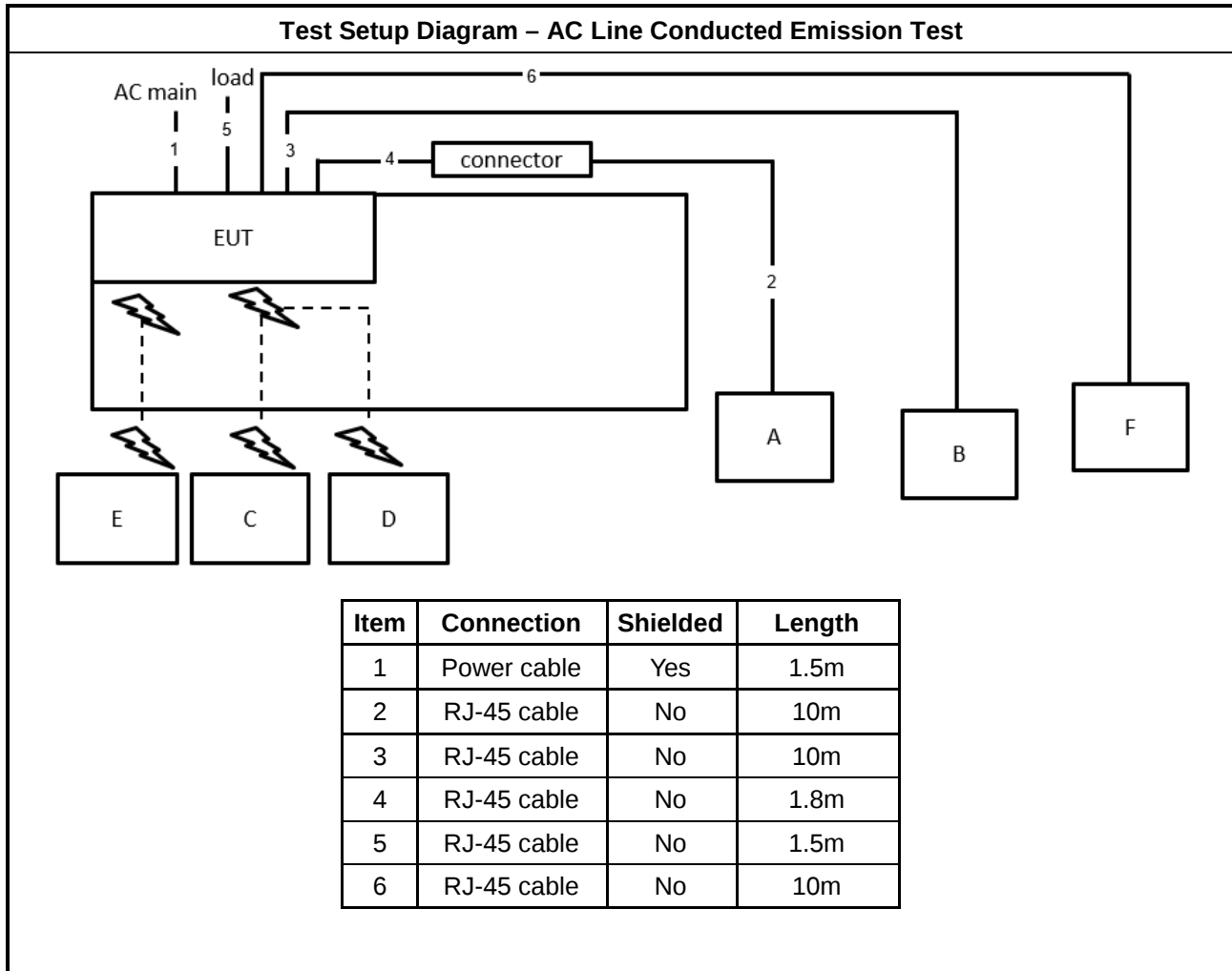
For Radiated:

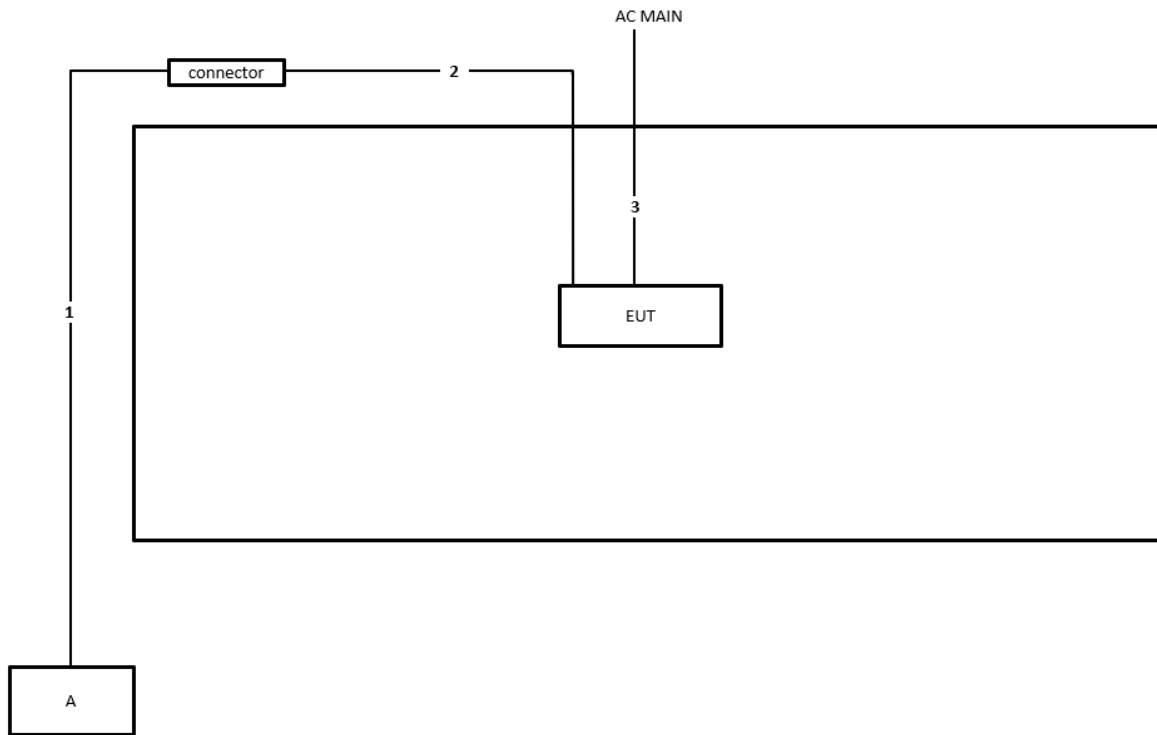
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

For RF Conducted:

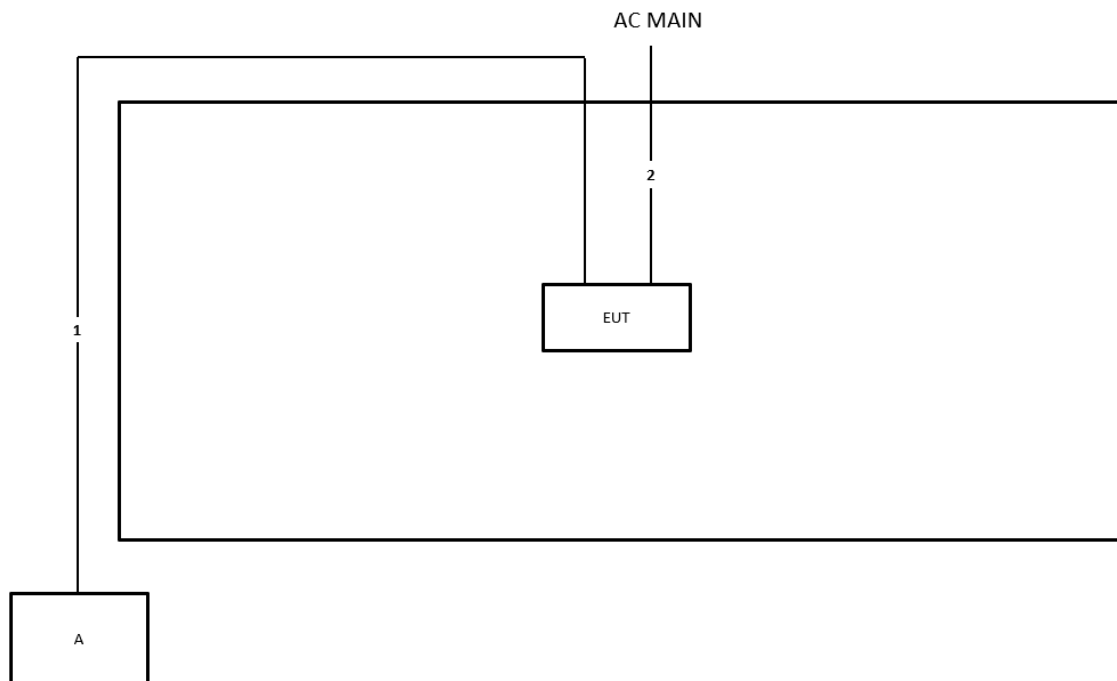
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E6230	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	10m
2	RJ-45 cable	No	1.8m
3	Power cable (USB Type C)	Yes	1.5m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable (USB Type C)	Yes	1.5m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

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

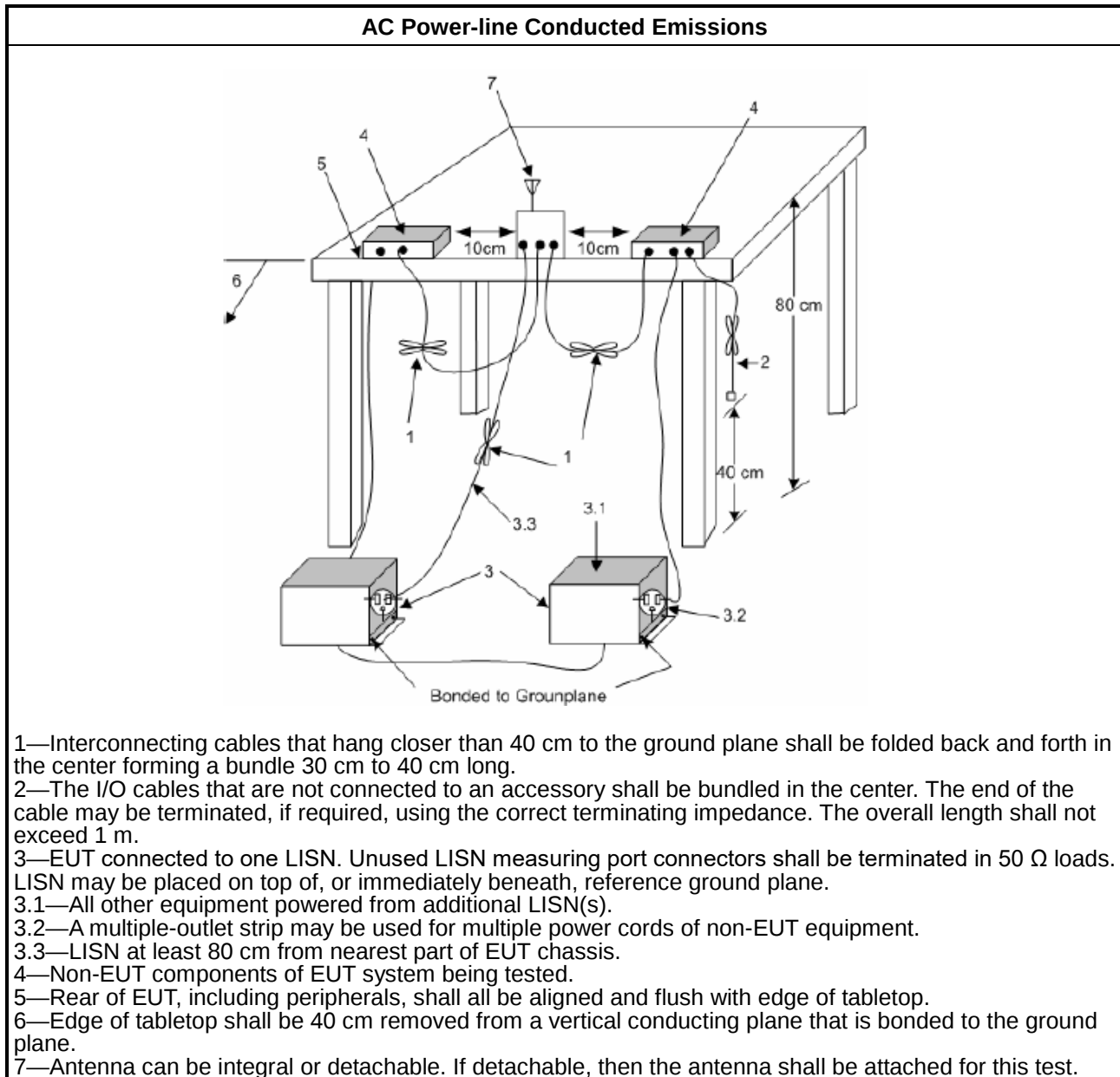
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



1.1.1. Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
6 dB bandwidth $\geq$ 500 kHz.

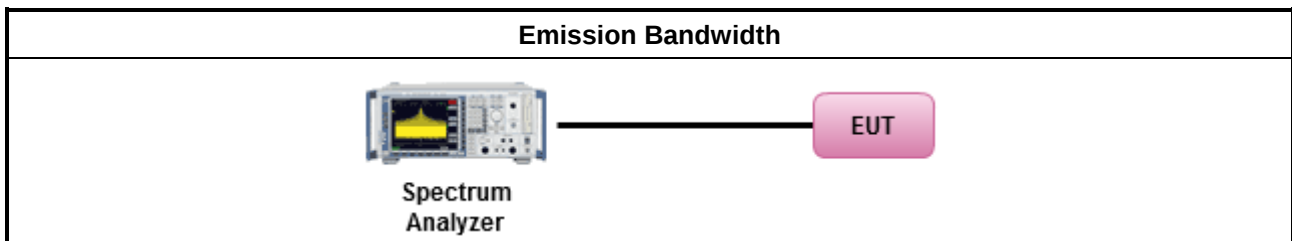
3.2.2 Measuring Instruments

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 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪ Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

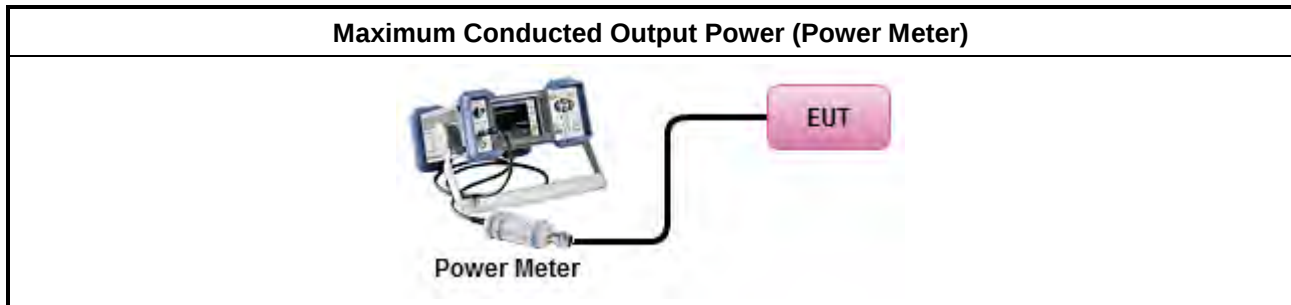
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

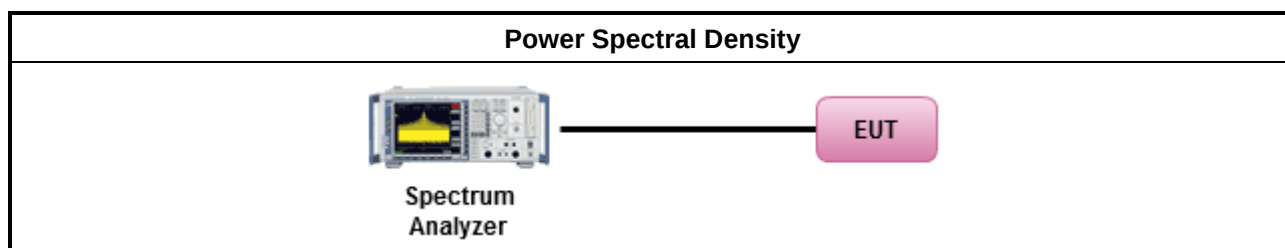
3.4.2 Measuring Instruments

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. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).	
☒	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD. [duty cycle $\geq 98\%$ or external video / power trigger]
▪ 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.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

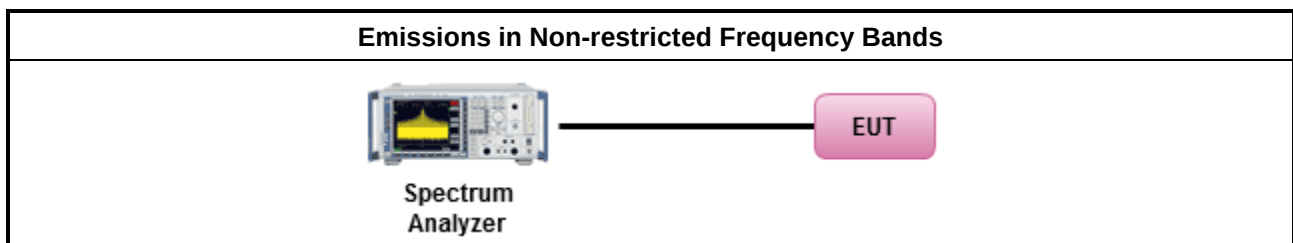
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions 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.

3.6.2 Measuring Instruments

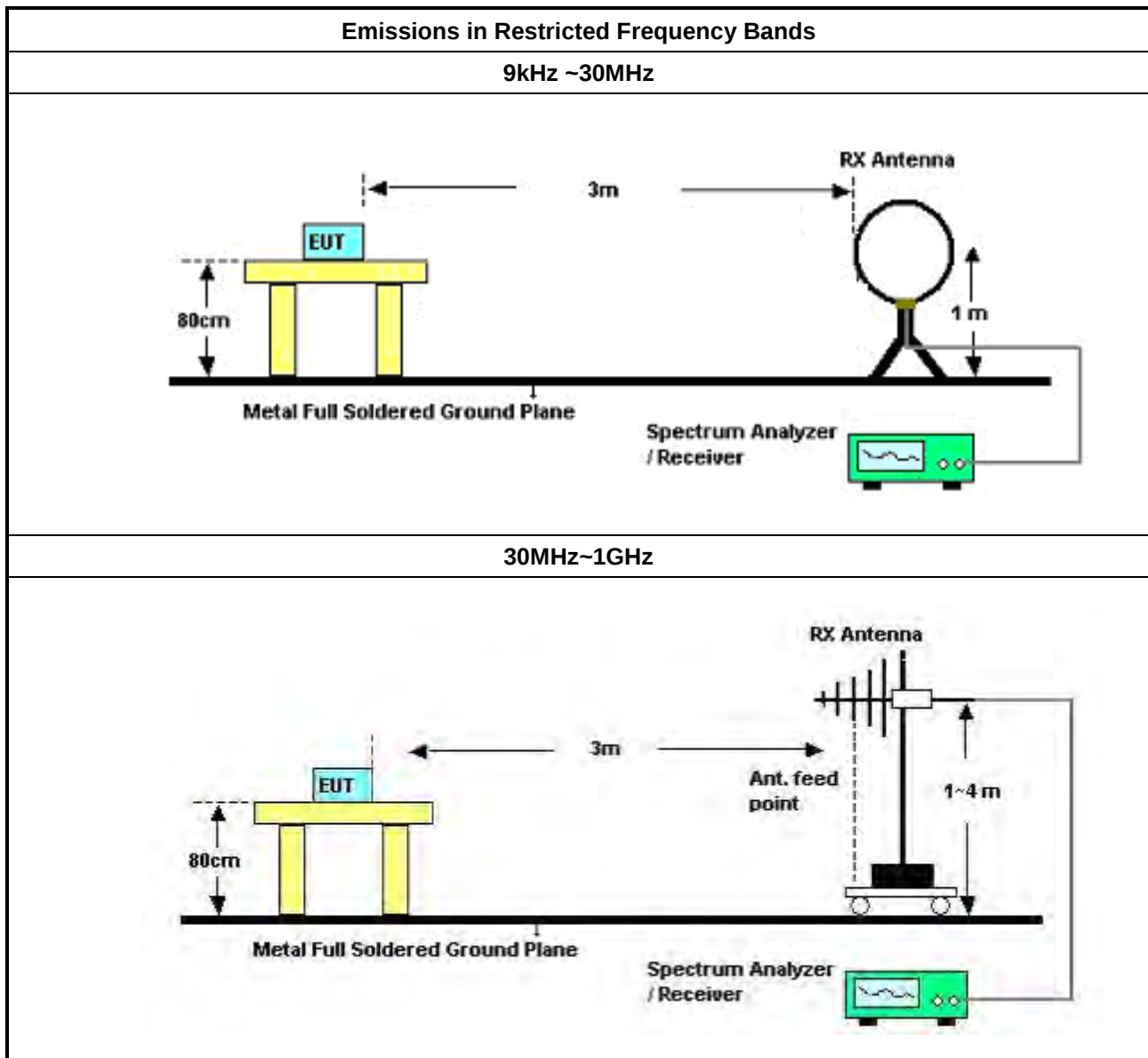
Refer a test equipment and calibration data table in this test report.

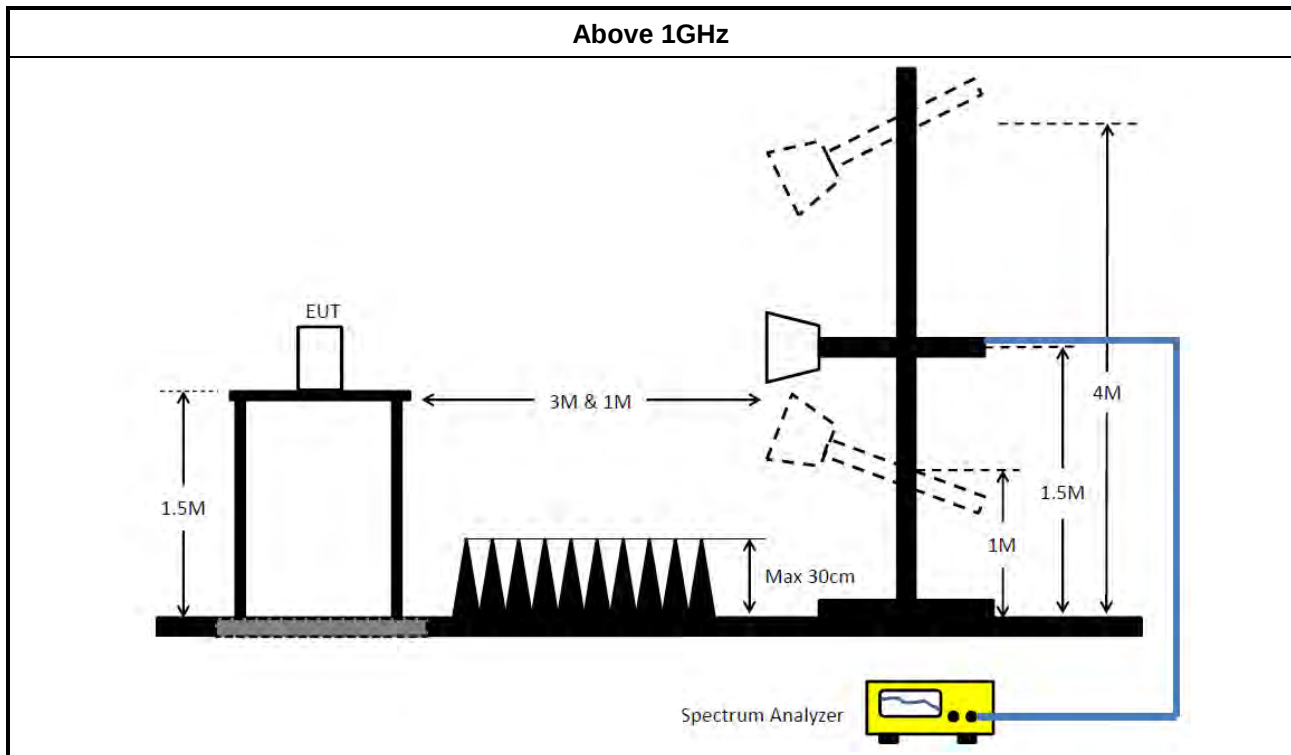


3.6.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ 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 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074 clause 8.7 & c63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





3.6.5 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.

3.6.6 Emissions in Restricted Frequency Bands (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.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



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	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 03, 2025	May 02, 2026	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Dec. 12, 2024	Dec. 11, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 17, 2024	Oct. 16, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 22, 2025	Mar. 21, 2026	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2025	Apr. 30, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Cable 9k-18G	Woken	RG402	Cable-95	9 kHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 13, 2024	Sep. 12, 2025	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 13, 2024	Sep. 12, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



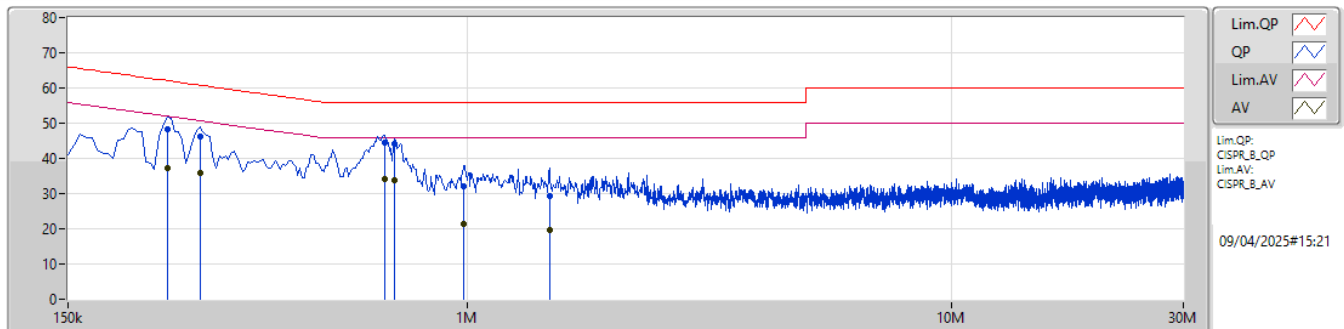
Conducted Emissions at Powerline

Appendix A

Summary

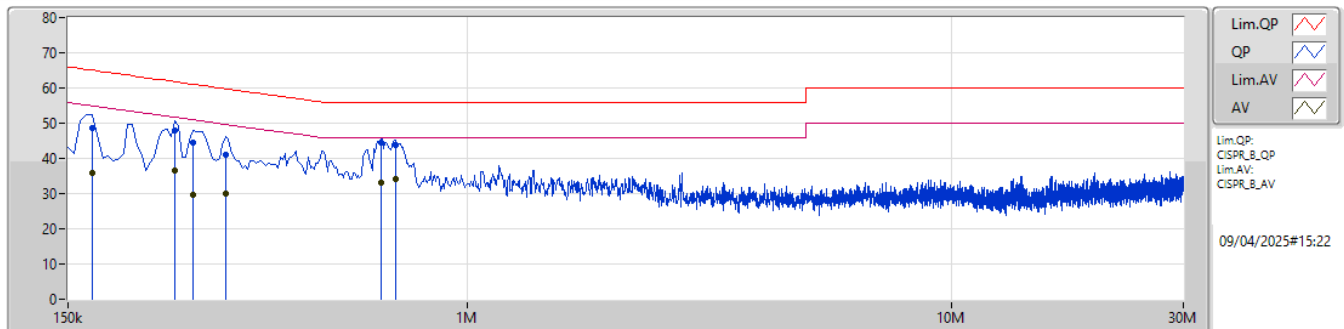
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 4	Pass	QP	663k	44.60	56.00	-11.40	Neutral

Mode 4



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	240k	48.32	62.10	-13.78	10.10	Line	-	38.22	0.04	0.08	9.98						
AV	240k	37.38	52.10	-14.72	10.10	Line	-	27.28	0.04	0.08	9.98						
QP	280.5k	46.33	60.80	-14.47	10.12	Line	-	36.21	0.04	0.08	10.00						
AV	280.5k	35.75	50.80	-15.05	10.12	Line	-	25.63	0.04	0.08	10.00						
QP	676.5k	44.44	56.00	-11.56	10.27	Line	"Worst"	34.17	0.06	0.09	10.12						
AV	676.5k	34.14	46.00	-11.86	10.27	Line	-	23.87	0.06	0.09	10.12						
QP	708k	44.05	56.00	-11.95	10.27	Line	-	33.78	0.06	0.09	10.12						
AV	708k	33.80	46.00	-12.20	10.27	Line	-	23.53	0.06	0.09	10.12						
QP	982.5k	32.01	56.00	-23.99	10.32	Line	-	21.69	0.07	0.09	10.16						
AV	982.5k	21.47	46.00	-24.53	10.32	Line	-	11.15	0.07	0.09	10.16						
QP	1.478M	29.45	56.00	-26.55	10.24	Line	-	19.21	0.08	0.12	10.04						
AV	1.478M	19.69	46.00	-26.31	10.24	Line	-	9.45	0.08	0.12	10.04						

Mode 4



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	168k	48.58	65.06	-16.48	10.07	Neutral	-	38.51	0.06	0.08	9.93						
AV	168k	35.87	55.06	-19.19	10.07	Neutral	-	25.80	0.06	0.08	9.93						
QP	249k	47.96	61.79	-13.83	10.12	Neutral	-	37.84	0.06	0.08	9.98						
AV	249k	36.47	51.79	-15.32	10.12	Neutral	-	26.35	0.06	0.08	9.98						
QP	271.5k	44.41	61.07	-16.66	10.14	Neutral	-	34.27	0.06	0.08	10.00						
AV	271.5k	29.70	51.07	-21.37	10.14	Neutral	-	19.56	0.06	0.08	10.00						
QP	316.5k	41.18	59.80	-18.62	10.17	Neutral	-	31.01	0.06	0.09	10.02						
AV	316.5k	30.00	49.80	-19.80	10.17	Neutral	-	19.83	0.06	0.09	10.02						
QP	663k	44.60	56.00	-11.40	10.28	Neutral	"Worst"	34.32	0.07	0.09	10.12						
AV	663k	33.26	46.00	-12.74	10.28	Neutral	-	22.98	0.07	0.09	10.12						
QP	712.5k	43.95	56.00	-12.05	10.28	Neutral	-	33.67	0.07	0.09	10.12						
AV	712.5k	34.31	46.00	-11.69	10.28	Neutral	-	24.03	0.07	0.09	10.12						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-LE(1Mbps)	716.25k	1.047M	1M05F1D	661.25k	1.039M
BT-LE(2Mbps)	1.205M	2.07M	2M07F1D	720k	2.06M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

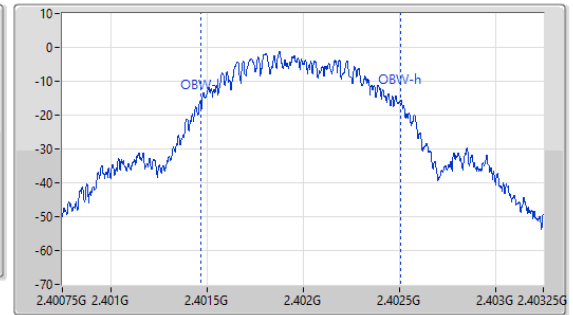
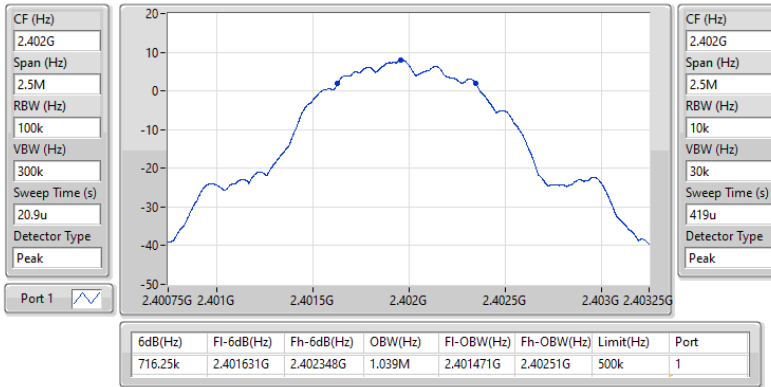
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	716.25k	1.039M
2440MHz	Pass	500k	688.75k	1.047M
2480MHz	Pass	500k	661.25k	1.039M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	785k	2.07M
2440MHz	Pass	500k	1.205M	2.06M
2480MHz	Pass	500k	720k	2.067M

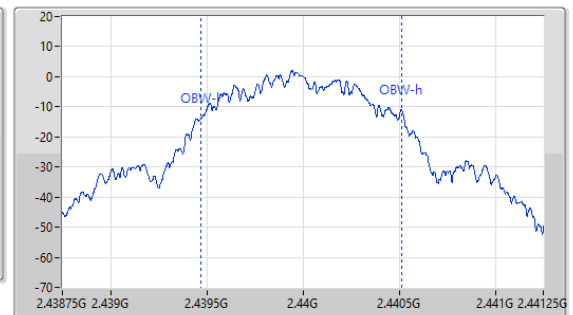
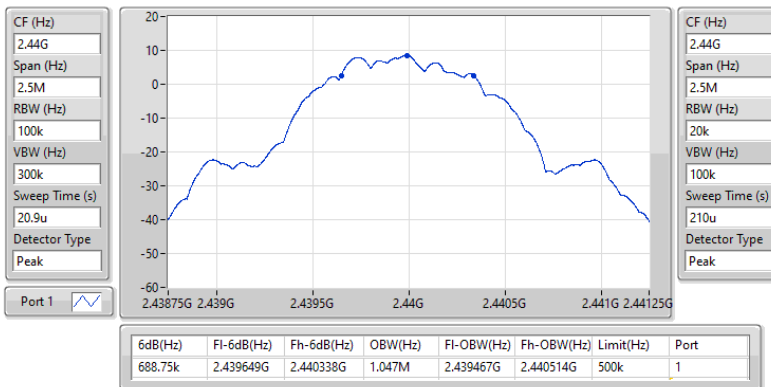
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2402MHz

30/04/2025

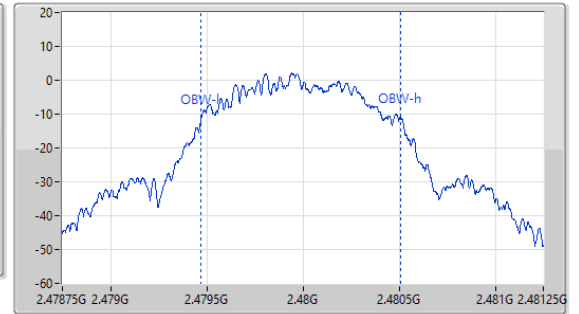
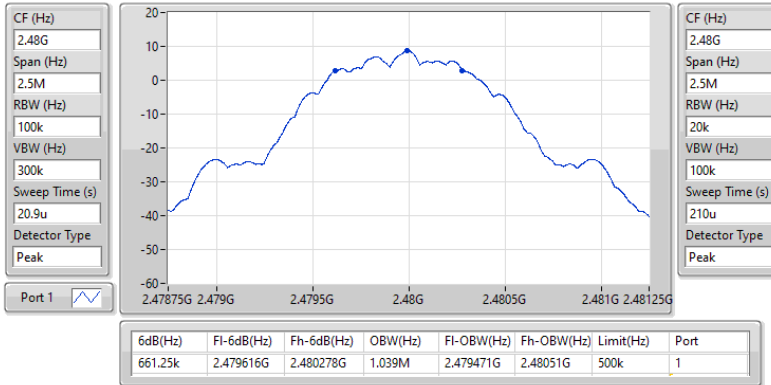

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2440MHz

30/04/2025

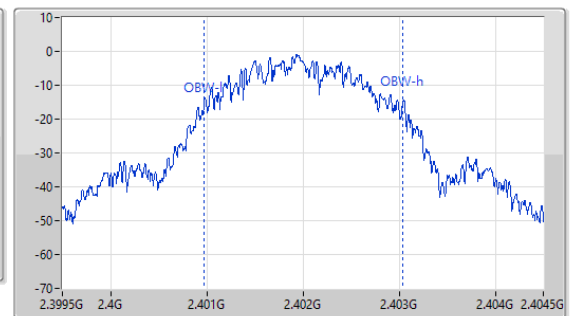
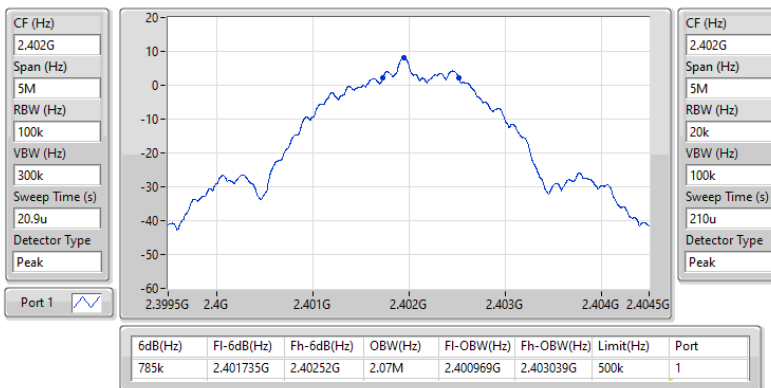


2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2480MHz

30/04/2025


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2402MHz

30/04/2025

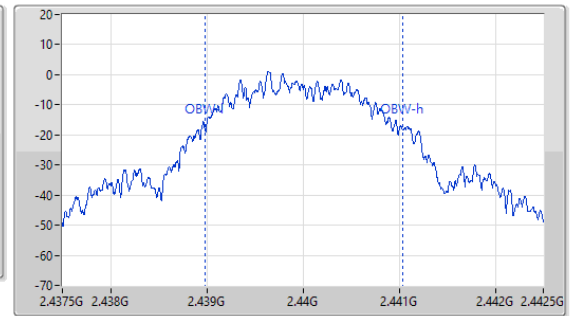
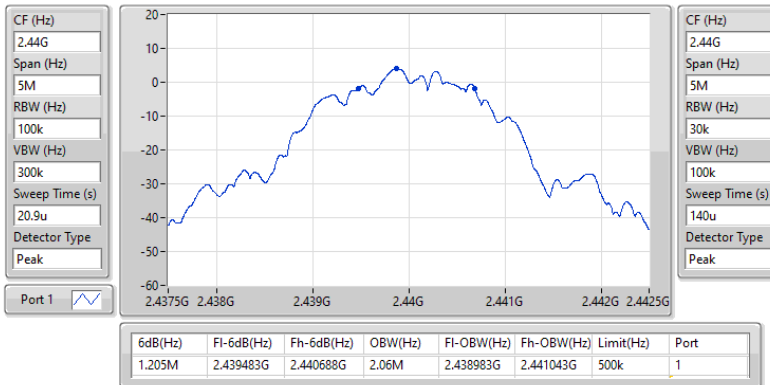


2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

2440MHz

30/04/2025

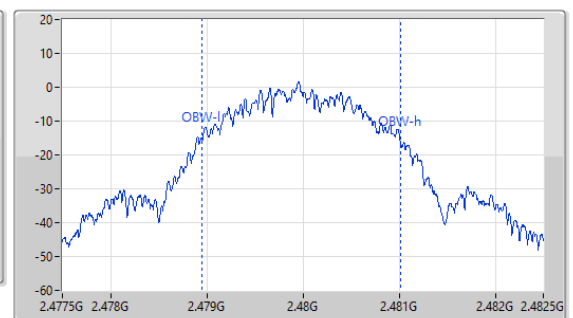
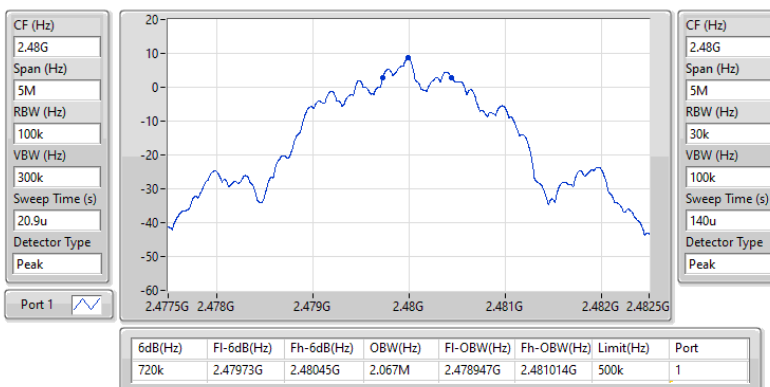


2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

2480MHz

30/04/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	9.18	0.00828
BT-LE(2Mbps)	8.95	0.00785

**Result**

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.53	8.95	30.00
2440MHz	Pass	3.53	8.90	30.00
2480MHz	Pass	3.53	9.18	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.53	8.69	30.00
2440MHz	Pass	3.53	8.71	30.00
2480MHz	Pass	3.53	8.95	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-6.02
BT-LE(2Mbps)	-7.37

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.53	-6.19	8.00
2440MHz	Pass	3.53	-6.67	8.00
2480MHz	Pass	3.53	-6.02	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.53	-8.17	8.00
2440MHz	Pass	3.53	-9.65	8.00
2480MHz	Pass	3.53	-7.37	8.00

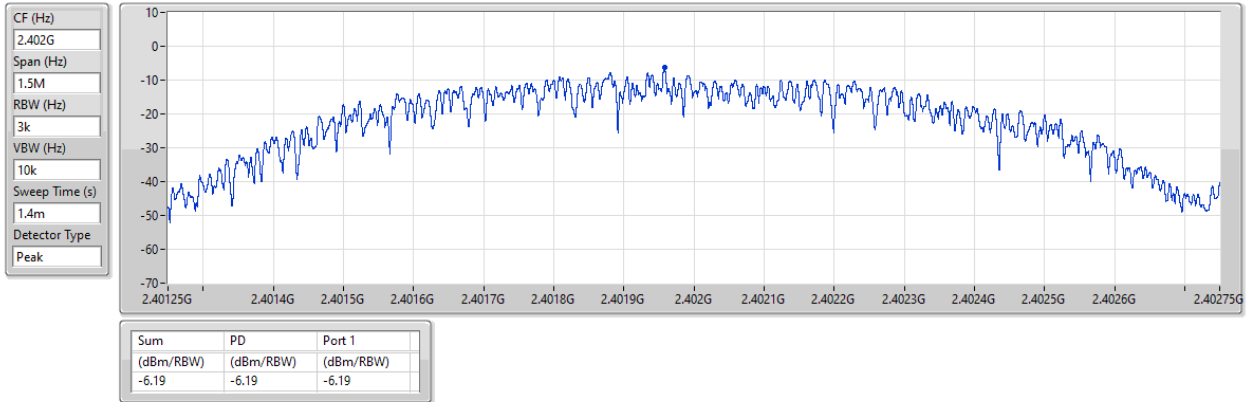
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2402MHz

30/04/2025

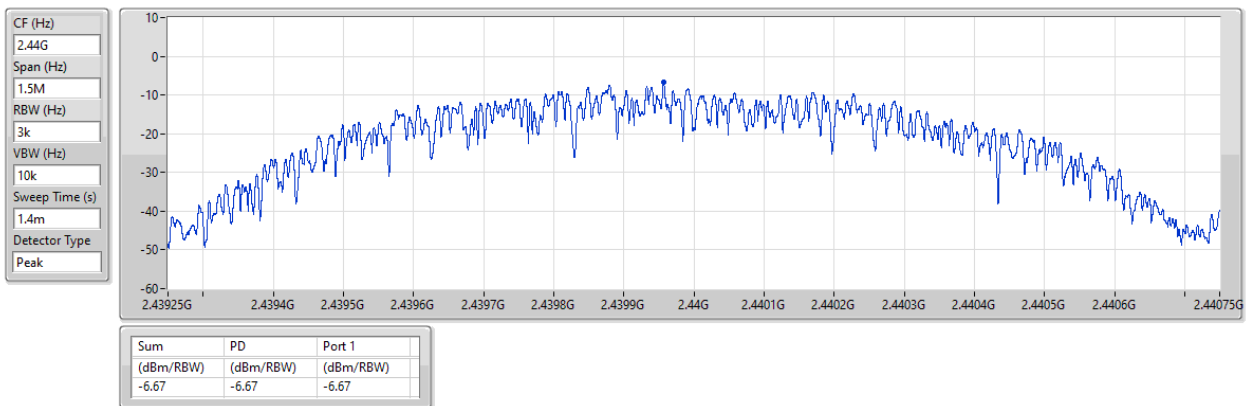


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2440MHz

30/04/2025

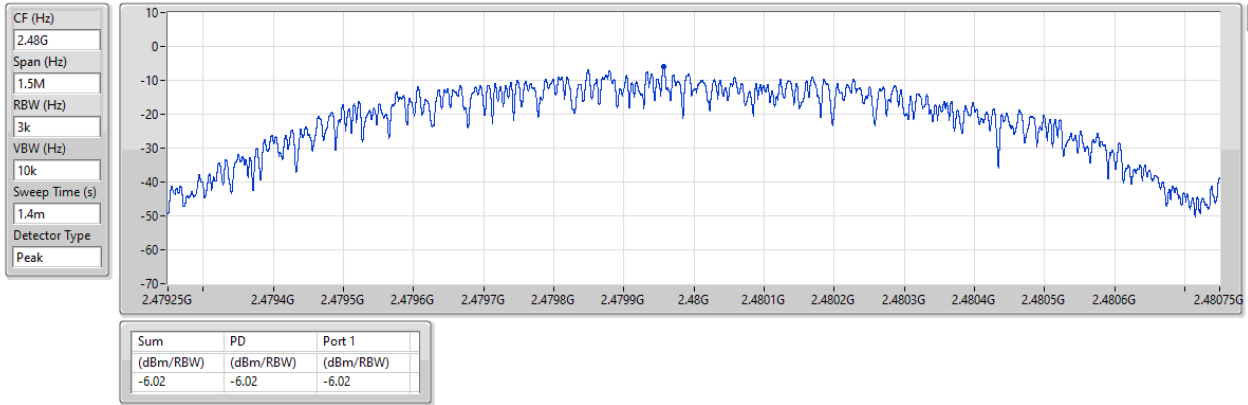


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2480MHz

30/04/2025

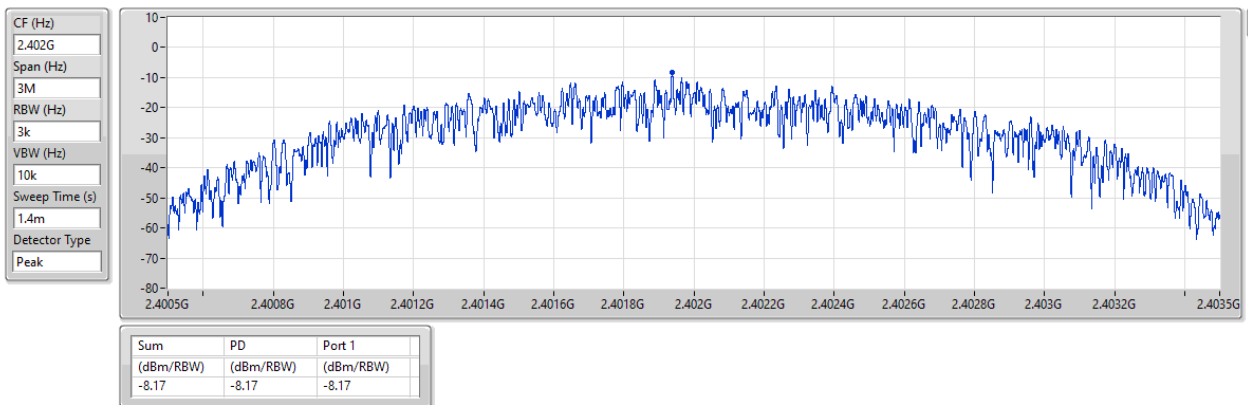


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2402MHz

30/04/2025

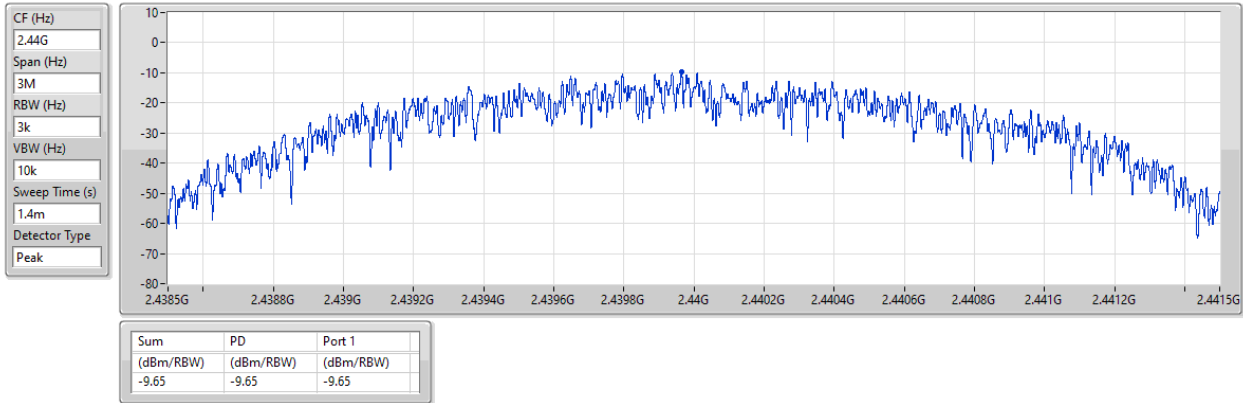


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2440MHz

30/04/2025

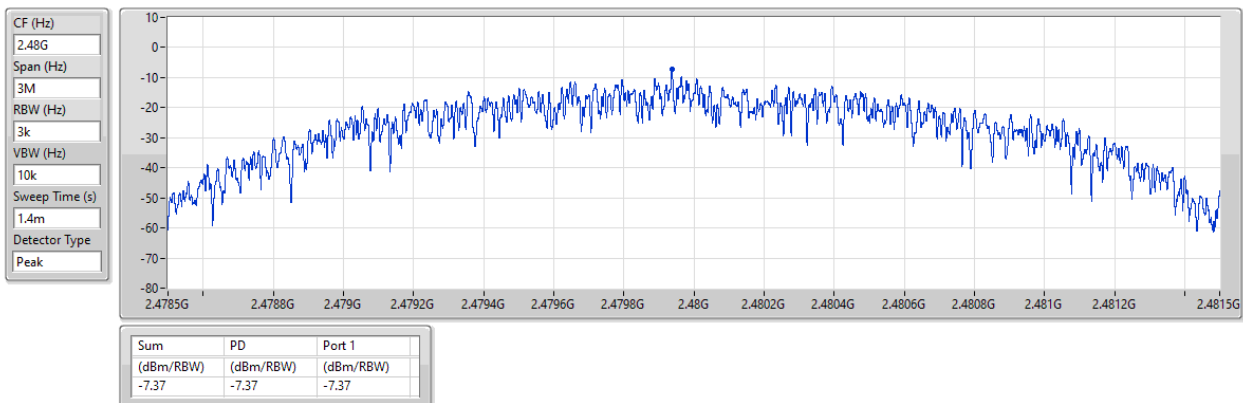


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2480MHz

30/04/2025



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.47999G	8.80	-21.20	1.82658G	-54.33	2.39956G	-44.66	2.4G	-43.83	2.5029G	-51.96	21.409G	-47.21	1
BT-LE(2Mbps)	Pass	2.47999G	8.53	-21.47	2.07685G	-54.15	2.4G	-23.14	2.4G	-24.36	2.50246G	-51.26	21.52991G	-46.30	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.47999G	8.80	-21.20	1.82658G	-54.33	2.39956G	-44.66	2.4G	-43.83	2.5029G	-51.96	21.409G	-47.21	1
2440MHz	Pass	2.47999G	8.80	-21.20	2.3095G	-53.93	2.39684G	-51.21	2.4G	-55.70	2.50186G	-52.09	21.49898G	-46.25	1
2480MHz	Pass	2.47999G	8.80	-21.20	2.10153G	-53.61	2.39288G	-52.29	2.4G	-56.51	2.50026G	-52.08	21.47086G	-47.02	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.47999G	8.53	-21.47	2.07685G	-54.15	2.4G	-23.14	2.4G	-24.36	2.50246G	-51.26	21.52991G	-46.30	1
2440MHz	Pass	2.47999G	8.53	-21.47	1.83833G	-53.86	2.39596G	-51.98	2.4G	-56.87	2.5019G	-51.85	21.63677G	-45.36	1
2480MHz	Pass	2.47999G	8.53	-21.47	1.86535G	-54.43	2.39212G	-51.96	2.4G	-57.40	2.50178G	-52.27	21.53835G	-47.10	1

2.4-2.4835GHz_BT-LE(1Mbps)

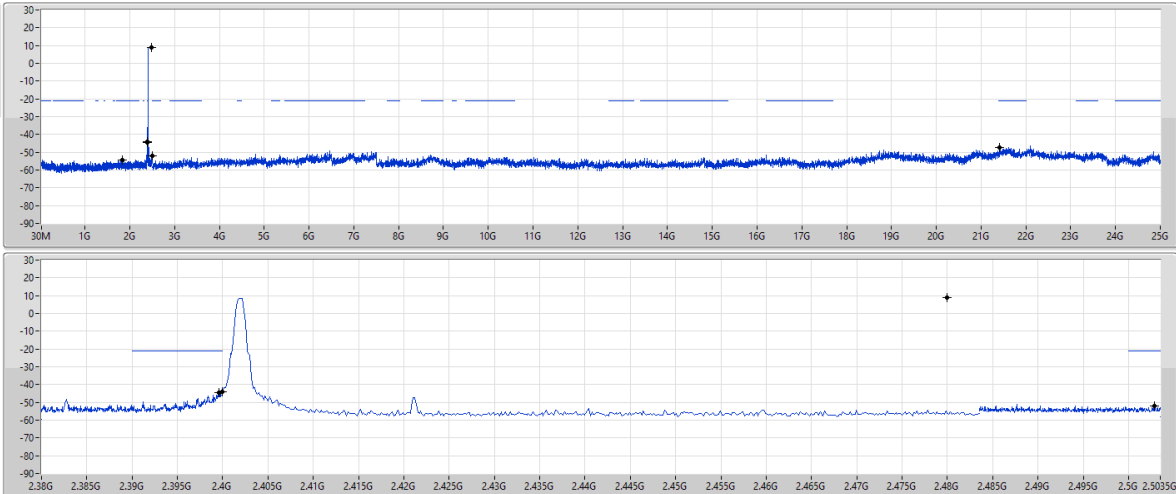
CSEndB-DTS

2402MHz

30/04/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	8.80	-21.20	1.82658G	-54.33	2.39956G	-44.66	2.4G	-43.83	2.5029G	-51.96	21.409G	-47.21	1

2.4-2.4835GHz_BT-LE(1Mbps)

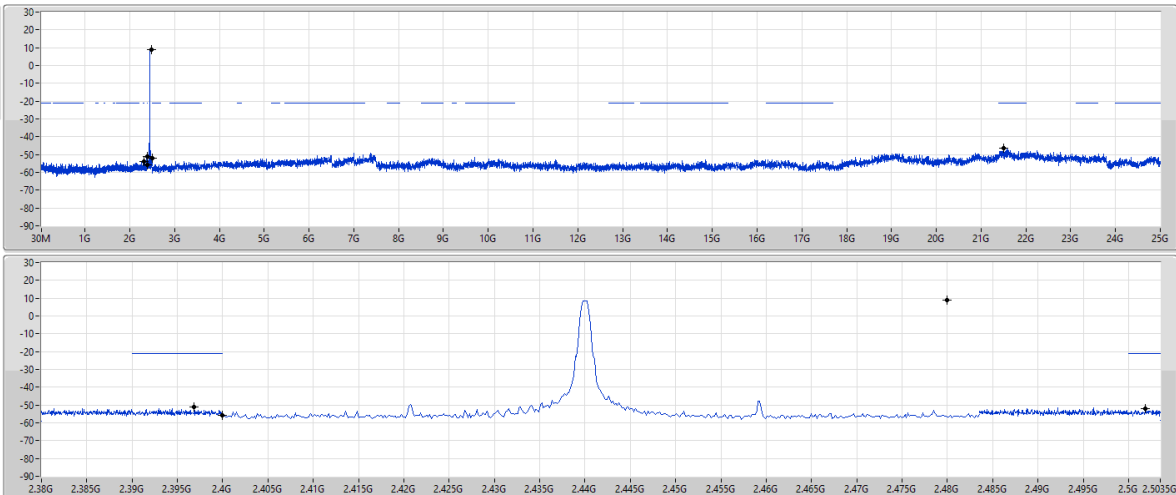
CSEndB-DTS

2440MHz

30/04/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1

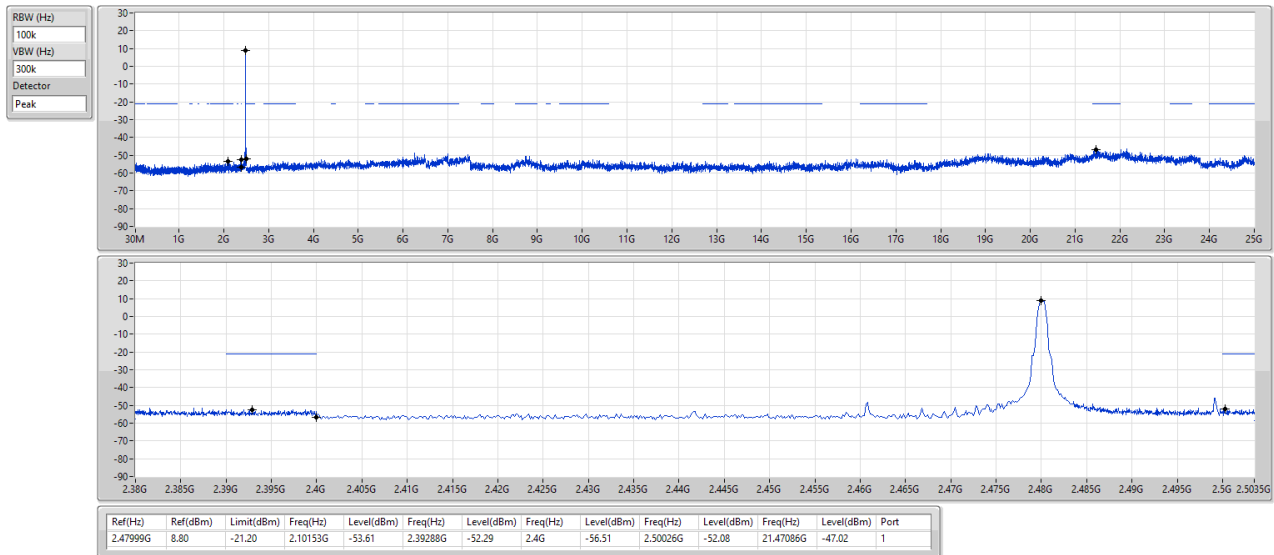


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	8.80	-21.20	2.3095G	-53.93	2.39684G	-51.21	2.4G	-55.70	2.50186G	-52.09	21.49898G	-46.25	1

2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

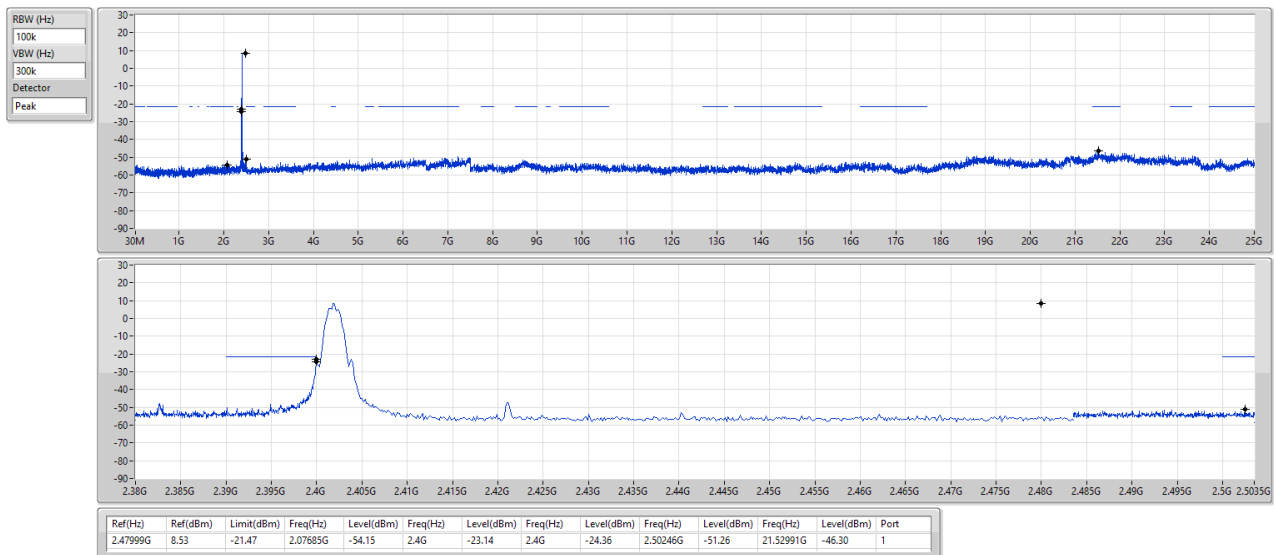
2480MHz



2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2402MHz



2.4-2.4835GHz_BT-LE(2Mbps)

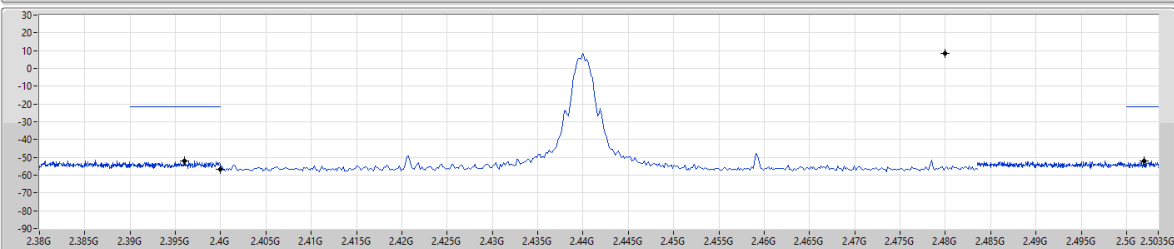
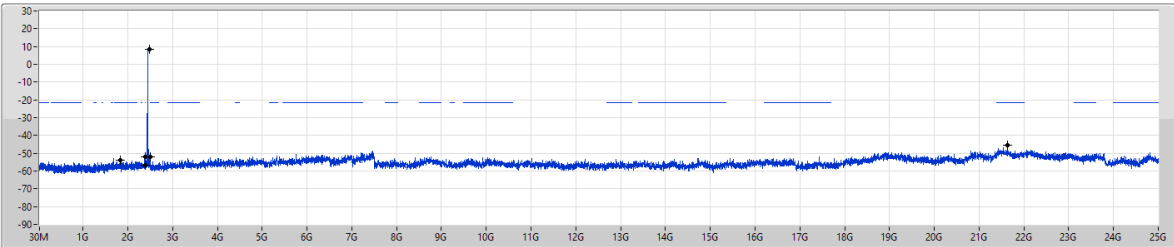
CSEndB-DTS

2440MHz

30/04/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	8.53	-21.47	1.83833G	-53.86	2.39596G	-51.98	2.4G	-56.87	2.5019G	-51.85	21.63677G	-45.36	1

2.4-2.4835GHz_BT-LE(2Mbps)

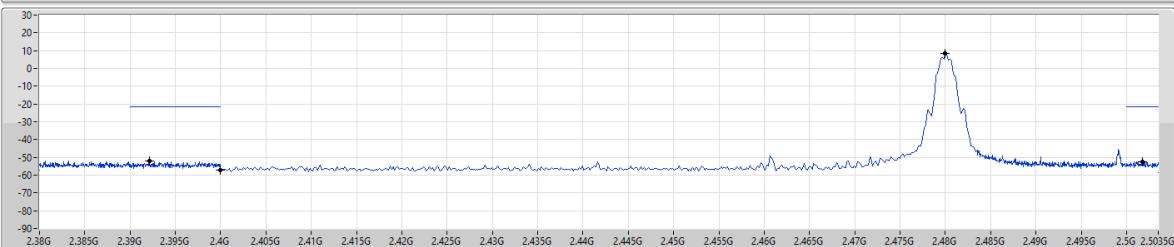
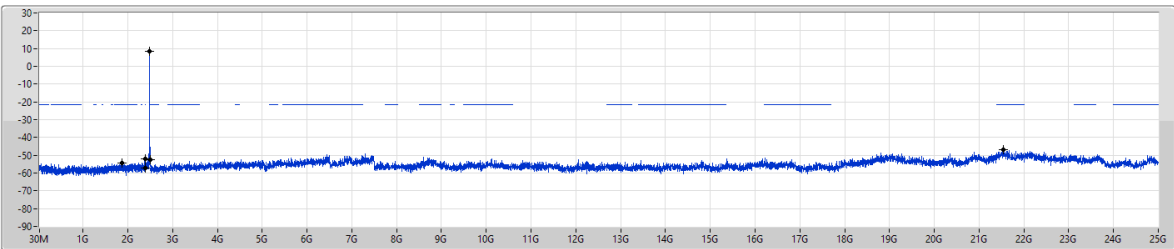
CSEndB-DTS

2480MHz

30/04/2025

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	8.53	-21.47	1.86535G	-54.43	2.39212G	-51.96	2.4G	-57.40	2.50178G	-52.27	21.53835G	-47.10	1



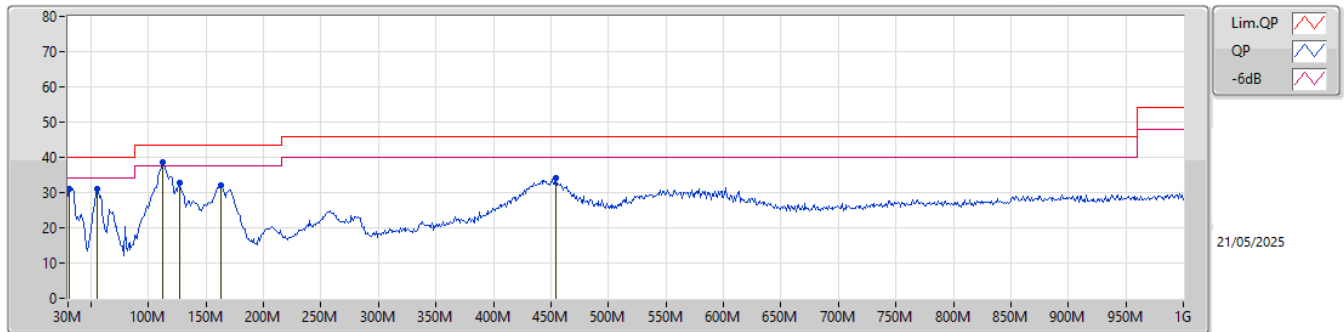
Radiated Emissions below 1GHz

Appendix F.1

Summary

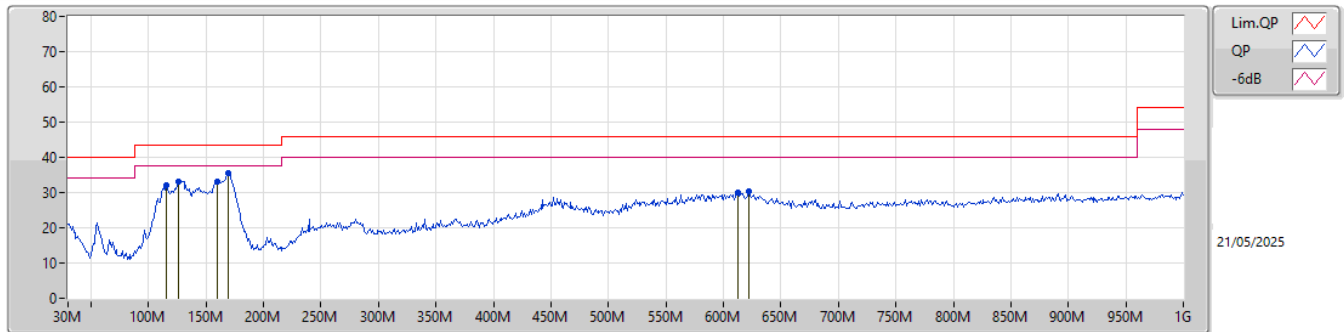
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	112.45M	38.46	43.50	-5.04	Vertical

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	30.97M	31.18	40.00	-8.82	-8.09	3	Vertical	360	1.00	-	39.27	23.20	0.96	32.25		
PK	55.22M	31.20	40.00	-8.80	-17.99	3	Vertical	2	1.25	-	49.19	12.82	1.20	32.01		
PK	112.45M	38.46	43.50	-5.04	-12.43	3	Vertical	184	1.00	"Worst"	50.89	17.89	1.62	31.94		
PK	127M	32.88	43.50	-10.62	-12.24	3	Vertical	338	1.00	-	45.12	18.03	1.72	31.99		
PK	162.89M	32.16	43.50	-11.34	-14.24	3	Vertical	360	2.00	-	46.40	15.77	1.92	31.93		
PK	453.89M	34.17	46.00	-11.83	-6.54	3	Vertical	107	1.25	-	40.71	22.48	3.27	32.29		

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	115.36M	31.94	43.50	-11.56	-12.24	3	Horizontal	270	3.00	-	44.18	18.05	1.64	31.93		
PK	126.03M	33.19	43.50	-10.31	-12.19	3	Horizontal	93	3.00	-	45.38	18.08	1.71	31.98		
PK	159.98M	33.06	43.50	-10.44	-14.06	3	Horizontal	251	1.50	-	47.12	15.96	1.90	31.92		
PK	169.68M	35.41	43.50	-8.09	-14.38	3	Horizontal	255	1.50	"Worst"	49.79	15.63	1.96	31.97		
PK	612.97M	30.10	46.00	-15.90	-4.06	3	Horizontal	169	1.50	-	34.16	24.61	3.81	32.48		
PK	621.7M	30.40	46.00	-15.60	-3.96	3	Horizontal	182	1.50	-	34.36	24.72	3.84	32.52		

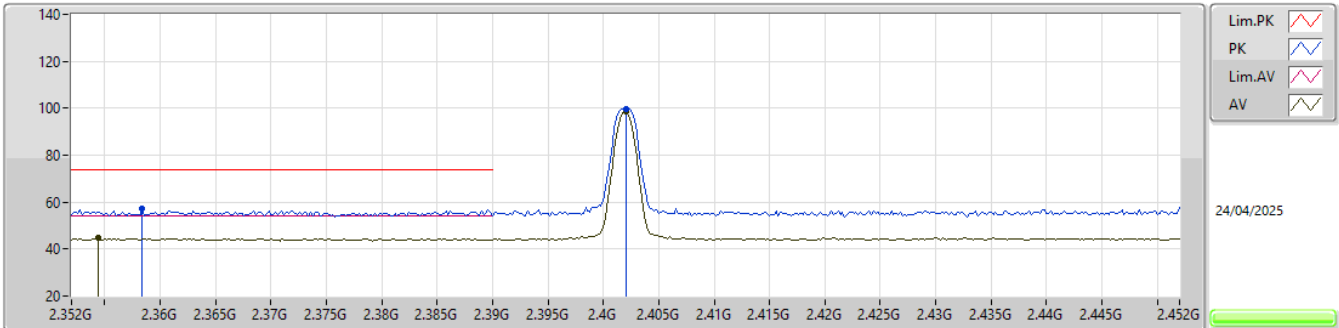


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	AV	2.4835G	49.73	54.00	-4.27	3	Horizontal	202	2.66	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

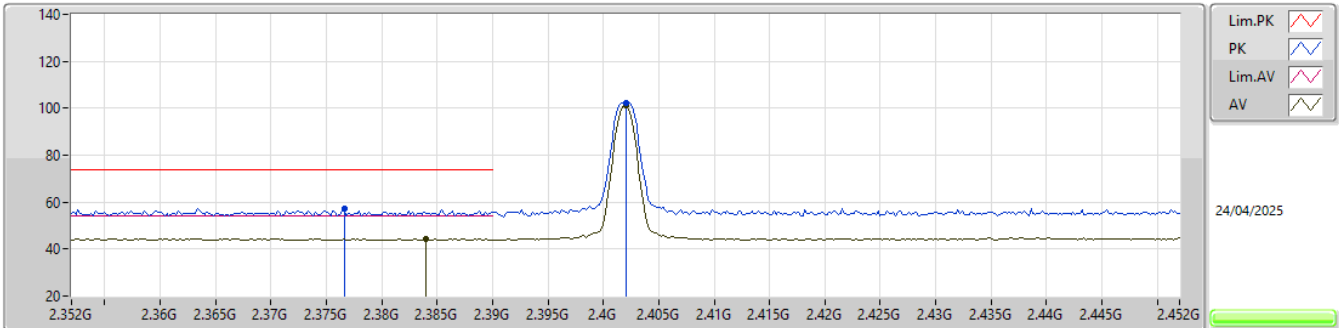


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.3584G	57.29	74.00	-16.71	26.08	3	Vertical	358	1.80	-	27.50	3.71	-				
AV	2.3544G	44.61	54.00	-9.39	13.40	3	Vertical	358	1.80	-	27.50	3.71	-				
PK	2.402G	99.75	Inf	-Inf	68.53	3	Vertical	358	1.80	-	27.50	3.72	-				
AV	2.402G	98.63	Inf	-Inf	67.41	3	Vertical	358	1.80	-	27.50	3.72	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

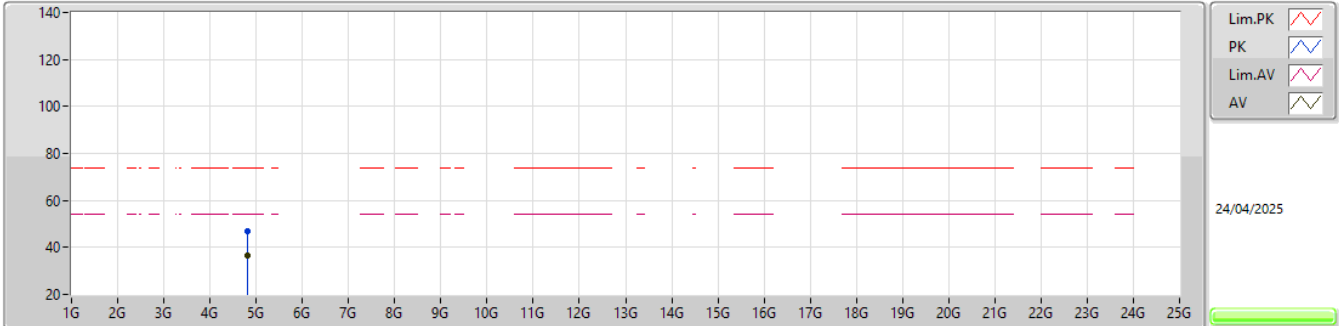


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.3766G	57.17	74.00	-16.83	26.12	3	Horizontal	185	1.09	-	27.33	3.72	-				
AV	2.384G	44.54	54.00	-9.46	13.48	3	Horizontal	185	1.09	-	27.34	3.72	-				
PK	2.402G	102.19	Inf	-Inf	70.97	3	Horizontal	185	1.09	-	27.50	3.72	-				
AV	2.402G	101.11	Inf	-Inf	69.89	3	Horizontal	185	1.09	-	27.50	3.72	-				

2.4-2.4835GHz_BT-LE(1Mbps)

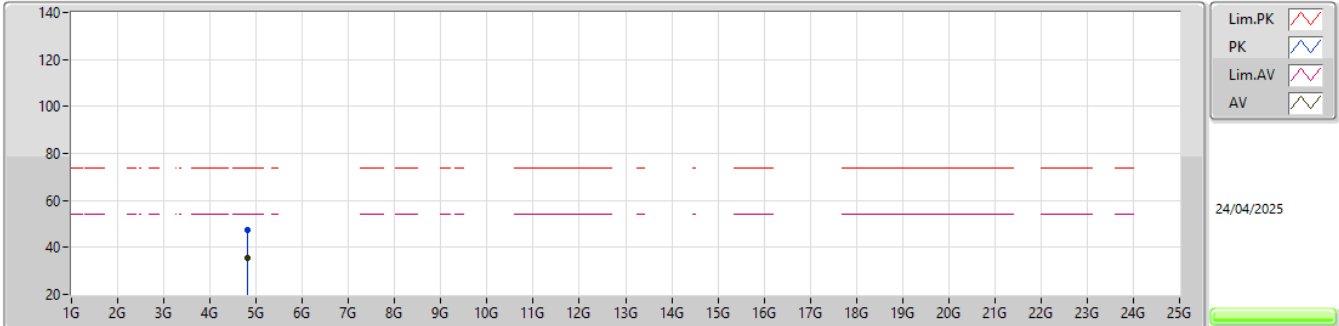
2402MHz_TX


EUT_Y_1TX
Setting Default
01-U-S-4

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	4.80376G	46.98	74.00	-27.02	40.62	3	Vertical	324	1.80	-	32.52	6.41	32.57			
AV	4.7995G	36.47	54.00	-17.53	30.14	3	Vertical	324	1.80	-	32.50	6.40	32.57			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

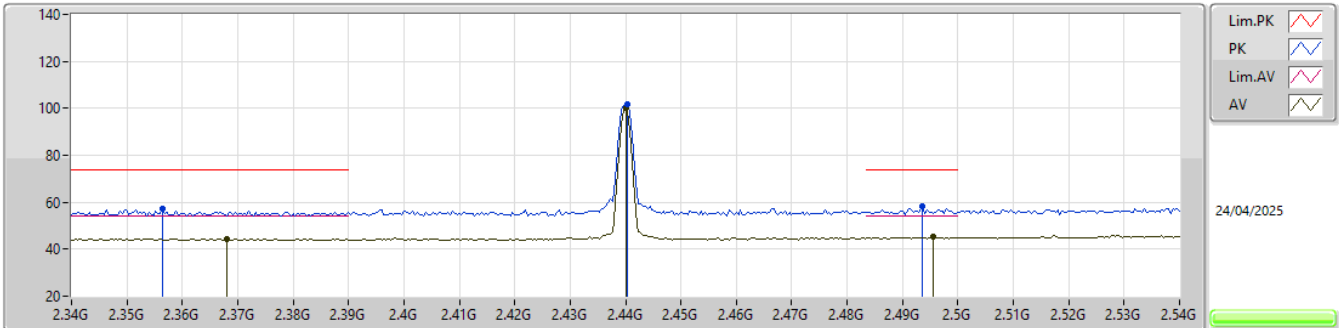


EUT_Y_1TX
Setting Default
01-U-S-4

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	4.80794G	47.41	74.00	-26.59	41.04	3	Horizontal	52	1.80	-	32.53	6.41	32.57			
AV	4.80352G	35.37	54.00	-18.63	29.03	3	Horizontal	52	1.80	-	32.51	6.40	32.57			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

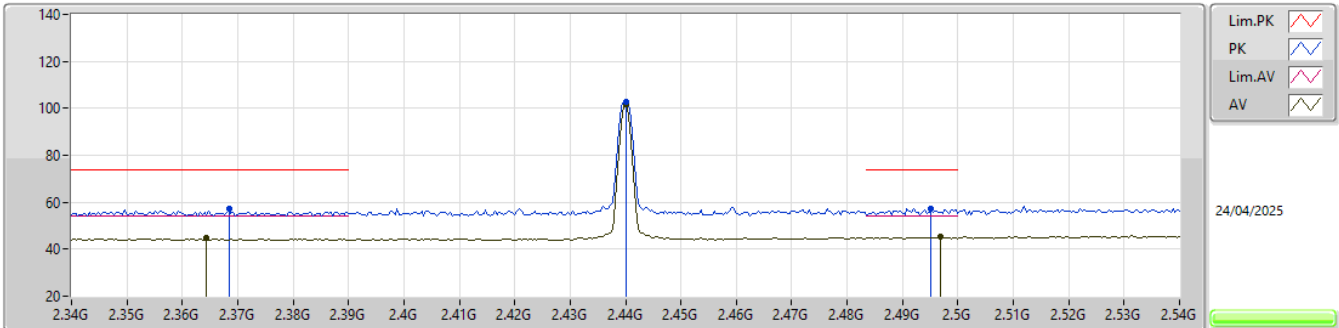


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.3564G	57.24	74.00	-16.76	26.03	3	Vertical	21	1.80	-	27.50	3.71	-				
AV	2.368G	44.55	54.00	-9.45	13.41	3	Vertical	21	1.80	-	27.42	3.72	-				
PK	2.4404G	101.52	Inf	-Inf	70.16	3	Vertical	21	1.80	-	27.60	3.76	-				
AV	2.44G	100.39	Inf	-Inf	69.03	3	Vertical	21	1.80	-	27.60	3.76	-				
PK	2.4936G	58.05	74.00	-15.95	26.29	3	Vertical	21	1.80	-	27.94	3.82	-				
AV	2.4956G	45.21	54.00	-8.79	13.42	3	Vertical	21	1.80	-	27.96	3.83	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

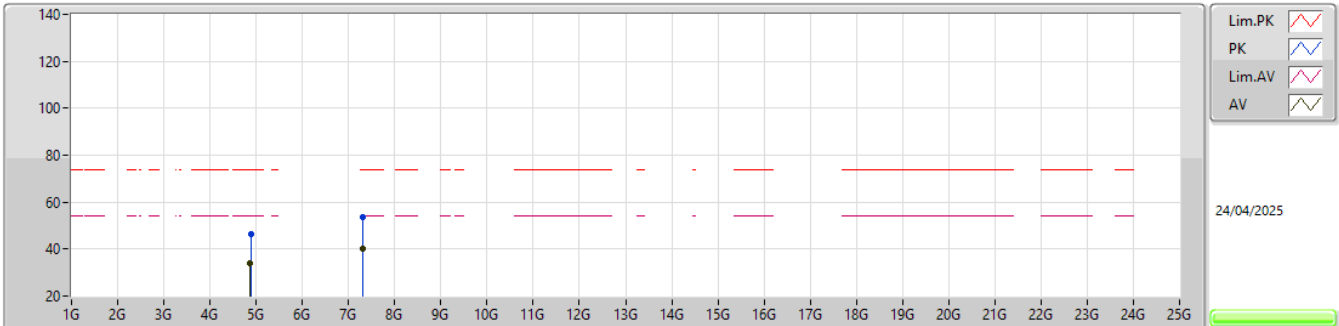


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.3684G	57.17	74.00	-16.83	26.03	3	Horizontal	204	2.67	-	27.42	3.72	-				
AV	2.3644G	44.91	54.00	-9.09	13.74	3	Horizontal	204	2.67	-	27.46	3.71	-				
PK	2.44G	102.91	Inf	-Inf	71.55	3	Horizontal	204	2.67	-	27.60	3.76	-				
AV	2.44G	101.83	Inf	-Inf	70.47	3	Horizontal	204	2.67	-	27.60	3.76	-				
PK	2.4952G	57.46	74.00	-16.54	25.69	3	Horizontal	204	2.67	-	27.95	3.82	-				
AV	2.4968G	45.36	54.00	-8.64	13.56	3	Horizontal	204	2.67	-	27.97	3.83	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

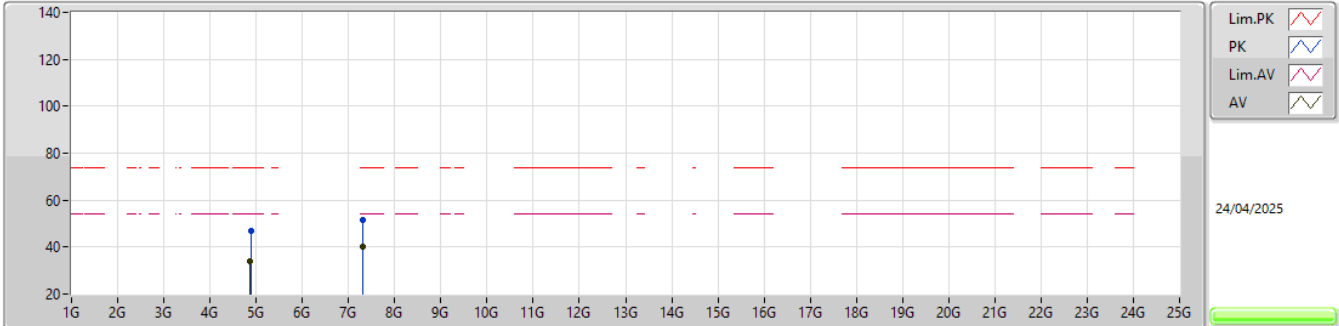


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.88126G	46.45	74.00	-27.55	39.69	3	Vertical	86	1.29	-	32.83	6.51	32.58				
AV	4.8737G	34.07	54.00	-19.93	27.35	3	Vertical	86	1.29	-	32.79	6.50	32.57				
PK	7.30776G	53.63	74.00	-20.37	40.77	3	Vertical	360	2.11	-	37.52	7.97	32.63				
AV	7.32138G	40.12	54.00	-13.88	27.23	3	Vertical	360	2.11	-	37.54	7.98	32.63				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

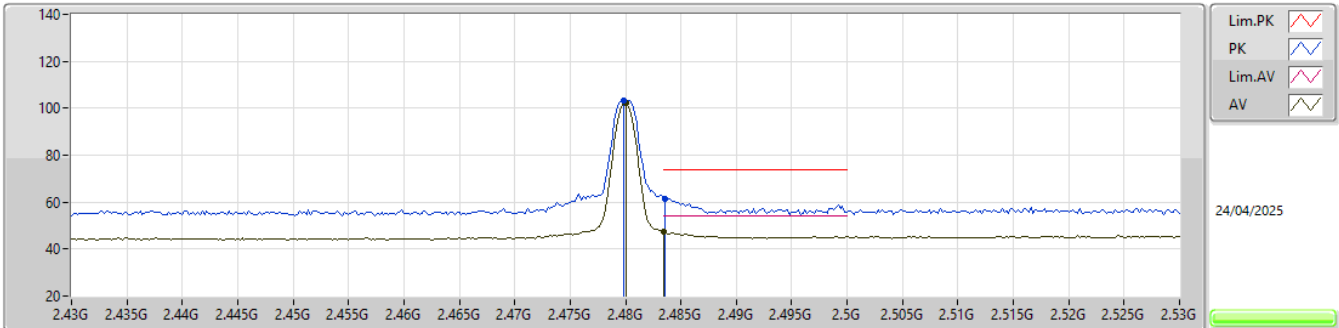


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.8881G	46.82	74.00	-27.18	40.03	3	Horizontal	90	2.64	-	32.85	6.52	32.58				
AV	4.8686G	33.81	54.00	-20.19	27.12	3	Horizontal	90	2.64	-	32.77	6.49	32.57				
PK	7.3107G	51.63	74.00	-22.37	38.77	3	Horizontal	331	1.71	-	37.52	7.97	32.63				
AV	7.3113G	40.15	54.00	-13.85	27.29	3	Horizontal	331	1.71	-	37.52	7.97	32.63				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

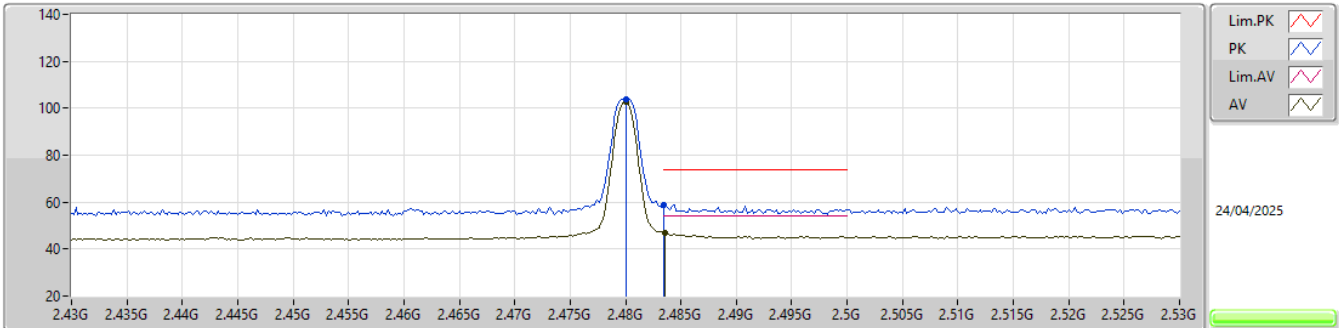


EUT Y_1TX
Setting Default
01-U-S-4

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	2.4798G	103.32	Inf	-Inf	71.71	3	Vertical	16	1.80	-	27.80	3.81	-				
AV	2.48G	102.21	Inf	-Inf	70.60	3	Vertical	16	1.80	-	27.80	3.81	-				
PK	2.4836G	61.44	74.00	-12.56	29.79	3	Vertical	16	1.80	-	27.84	3.81	-				
AV	2.4835G	47.60	54.00	-6.40	15.95	3	Vertical	16	1.80	-	27.84	3.81	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

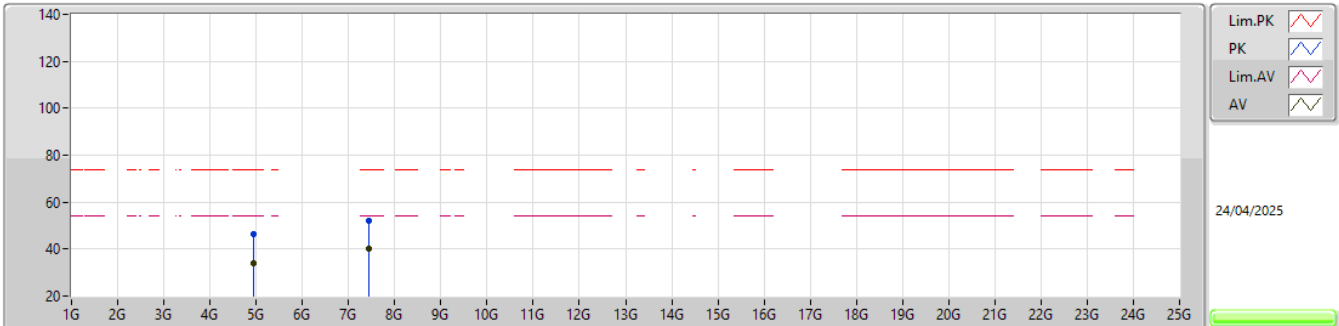


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.48G	104.04	Inf	-Inf	72.43	3	Horizontal	200	2.65	-	27.80	3.81	-					
AV	2.48G	102.96	Inf	-Inf	71.35	3	Horizontal	200	2.65	-	27.80	3.81	-					
PK	2.4835G	59.05	74.00	-14.95	27.40	3	Horizontal	200	2.65	-	27.84	3.81	-					
AV	2.4836G	46.91	54.00	-7.09	15.26	3	Horizontal	200	2.65	-	27.84	3.81	-					

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

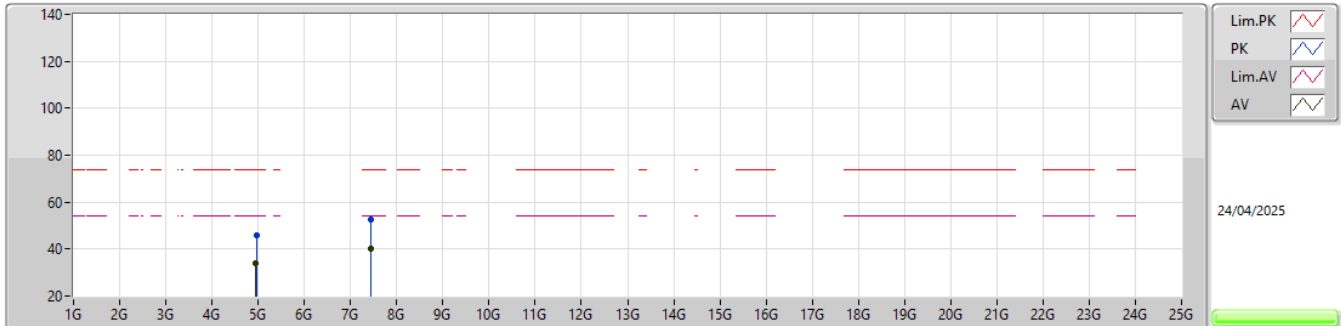


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.94848G	46.21	74.00	-27.79	39.19	3	Vertical	101	1.95	-	33.00	6.60	32.58			
AV	4.94794G	33.92	54.00	-20.08	26.90	3	Vertical	101	1.95	-	33.00	6.60	32.58			
PK	7.44672G	52.31	74.00	-21.69	39.31	3	Vertical	19	2.92	-	37.51	8.07	32.58			
AV	7.43148G	40.34	54.00	-13.66	27.35	3	Vertical	19	2.92	-	37.54	8.04	32.59			

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

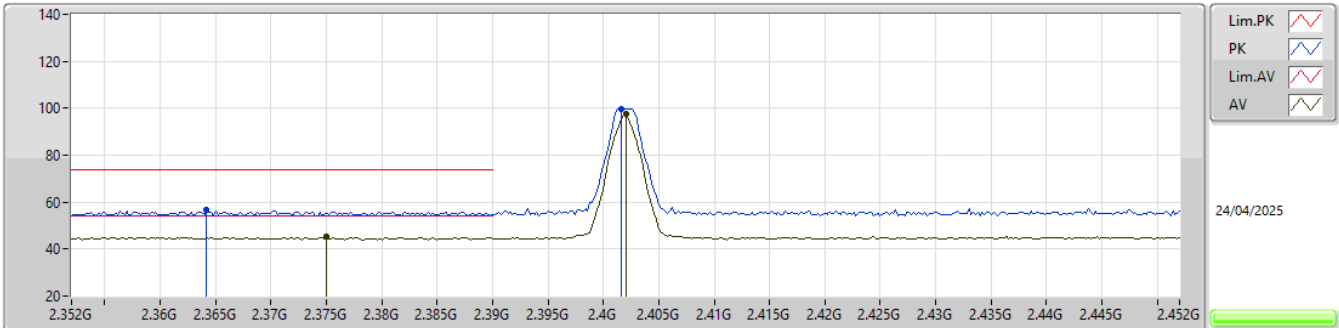


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.96852G	46.12	74.00	-27.88	39.11	3	Horizontal	273	1.51	-	32.96	6.63	32.58			
AV	4.9555G	33.99	54.00	-20.01	26.97	3	Horizontal	273	1.51	-	32.99	6.61	32.58			
PK	7.42896G	52.67	74.00	-21.33	39.68	3	Horizontal	286	1.11	-	37.54	8.04	32.59			
AV	7.43886G	40.11	54.00	-13.89	27.12	3	Horizontal	286	1.11	-	37.52	8.05	32.58			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

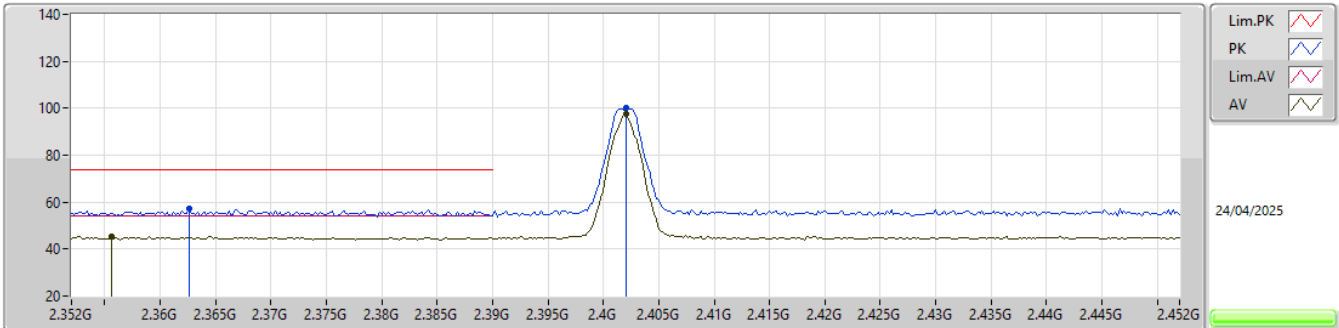


EUT Y_1TX
Setting Default
01-U-S-4

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	2.3642G	56.82	74.00	-17.18	25.65	3	Vertical	348	1.80	-	27.46	3.71	-				
AV	2.375G	45.33	54.00	-8.67	14.26	3	Vertical	348	1.80	-	27.35	3.72	-				
PK	2.4016G	99.81	Inf	-Inf	68.59	3	Vertical	348	1.80	-	27.50	3.72	-				
AV	2.402G	97.33	Inf	-Inf	66.11	3	Vertical	348	1.80	-	27.50	3.72	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

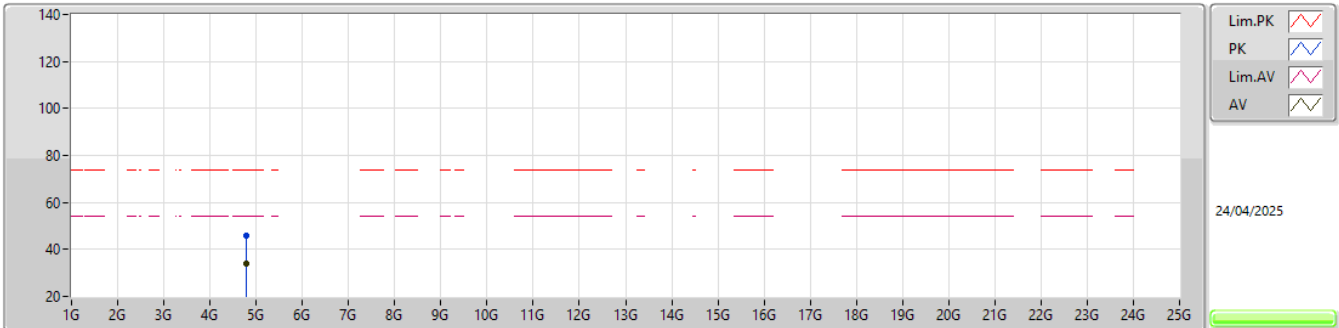


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.3626G	57.11	74.00	-16.89	25.93	3	Horizontal	348	1.80	-	27.47	3.71	-				
AV	2.3556G	45.42	54.00	-8.58	14.21	3	Horizontal	348	1.80	-	27.50	3.71	-				
PK	2.402G	99.92	Inf	-Inf	68.70	3	Horizontal	348	1.80	-	27.50	3.72	-				
AV	2.402G	97.33	Inf	-Inf	66.11	3	Horizontal	348	1.80	-	27.50	3.72	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

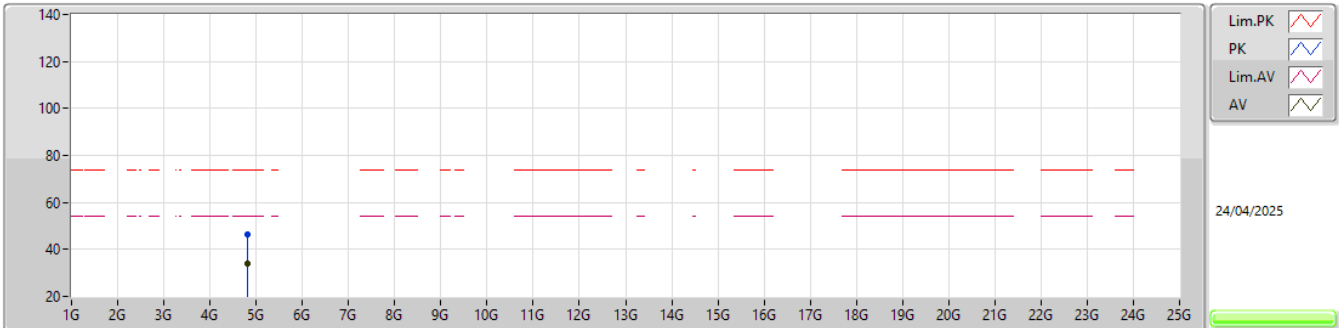


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.78966G	45.74	74.00	-28.26	39.42	3	Vertical	286	2.61	-	32.50	6.39	32.57			
AV	4.79446G	34.14	54.00	-19.86	27.82	3	Vertical	286	2.61	-	32.50	6.39	32.57			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

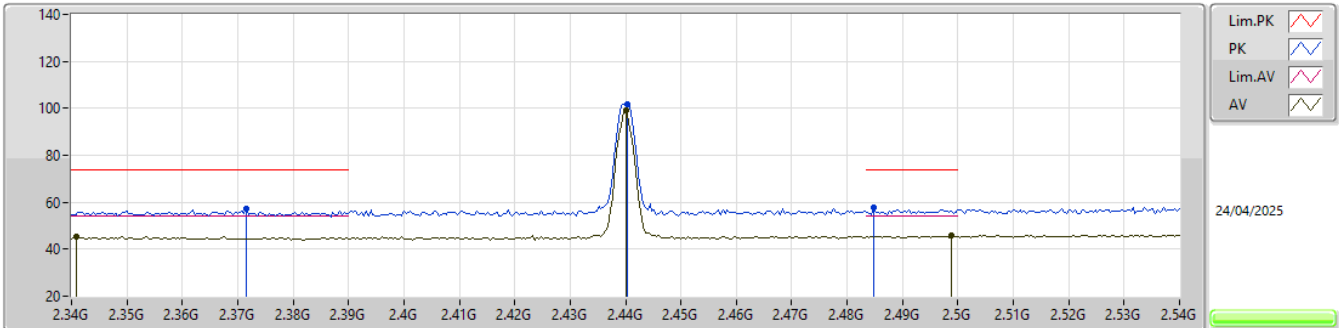


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.81138G	46.21	74.00	-27.79	39.81	3	Horizontal	324	1.48	-	32.55	6.42	32.57			
AV	4.8022G	33.97	54.00	-20.03	27.63	3	Horizontal	324	1.48	-	32.51	6.40	32.57			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

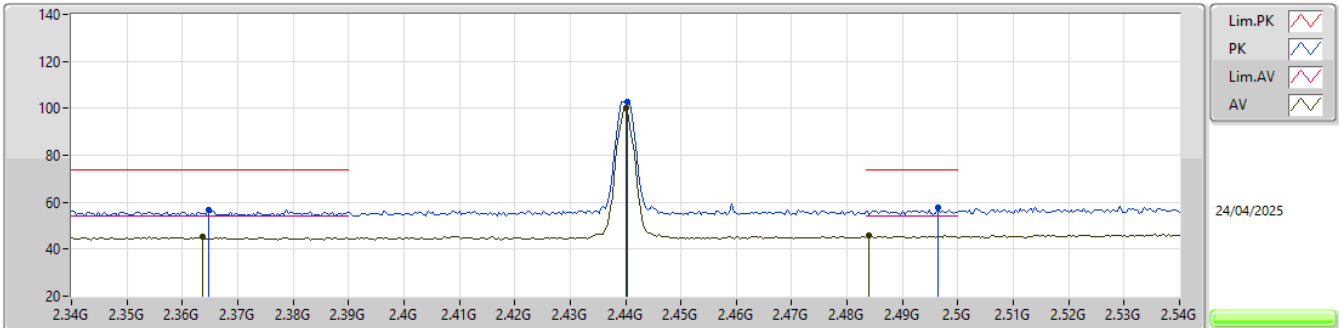


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.3716G	57.27	74.00	-16.73	26.17	3	Vertical	22	1.80	-	27.38	3.72	-			
AV	2.3408G	45.26	54.00	-8.74	14.14	3	Vertical	22	1.80	-	27.41	3.71	-			
PK	2.4404G	101.66	Inf	-Inf	70.30	3	Vertical	22	1.80	-	27.60	3.76	-			
AV	2.44G	99.05	Inf	-Inf	67.69	3	Vertical	22	1.80	-	27.60	3.76	-			
PK	2.4848G	57.54	74.00	-16.46	25.88	3	Vertical	22	1.80	-	27.85	3.81	-			
AV	2.4988G	45.74	54.00	-8.26	13.92	3	Vertical	22	1.80	-	27.99	3.83	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

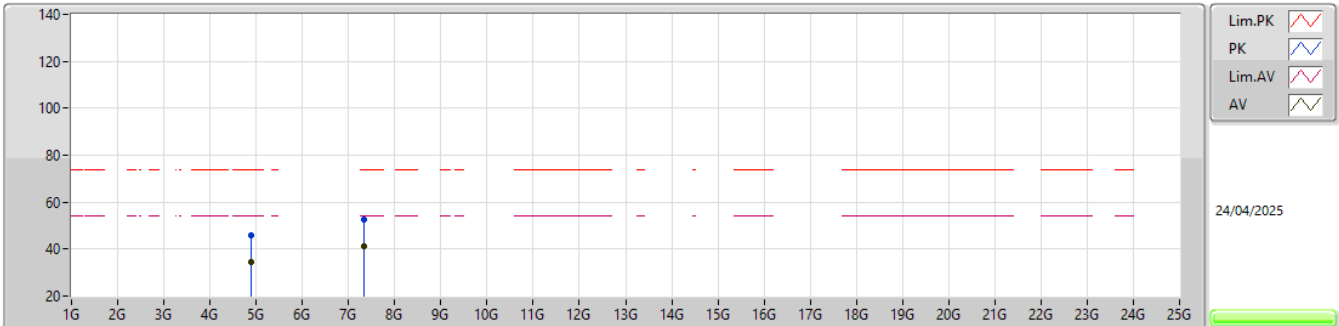


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.3648G	56.98	74.00	-17.02	25.82	3	Horizontal	201	2.67	-	27.45	3.71	-				
AV	2.3636G	45.22	54.00	-8.78	14.05	3	Horizontal	201	2.67	-	27.46	3.71	-				
PK	2.4404G	102.93	Inf	-Inf	71.57	3	Horizontal	201	2.67	-	27.60	3.76	-				
AV	2.44G	100.27	Inf	-Inf	68.91	3	Horizontal	201	2.67	-	27.60	3.76	-				
PK	2.4964G	57.66	74.00	-16.34	25.87	3	Horizontal	201	2.67	-	27.96	3.83	-				
AV	2.484G	45.91	54.00	-8.09	14.26	3	Horizontal	201	2.67	-	27.84	3.81	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

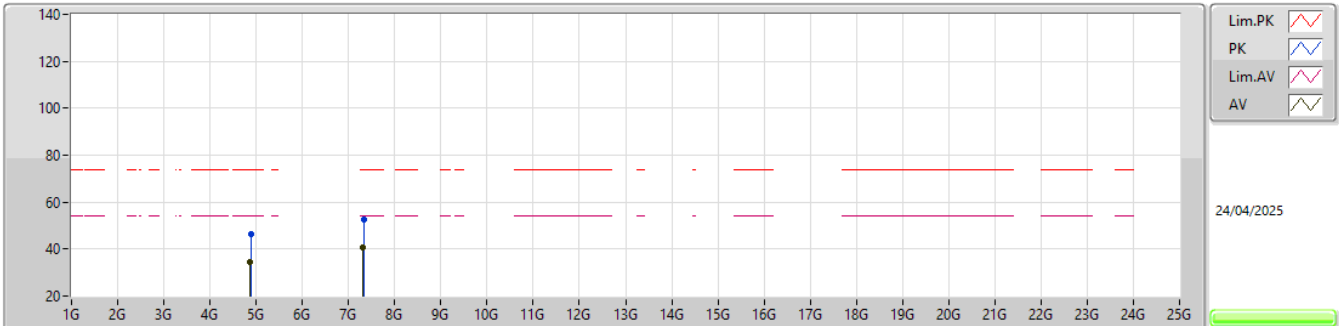


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.89482G	45.86	74.00	-28.14	39.03	3	Vertical	348	2.15	-	32.88	6.53	32.58			
AV	4.8815G	34.51	54.00	-19.49	27.75	3	Vertical	348	2.15	-	32.83	6.51	32.58			
PK	7.33368G	52.45	74.00	-21.55	39.52	3	Vertical	202	1.75	-	37.57	7.98	32.62			
AV	7.3323G	41.07	54.00	-12.93	28.15	3	Vertical	202	1.75	-	37.56	7.98	32.62			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

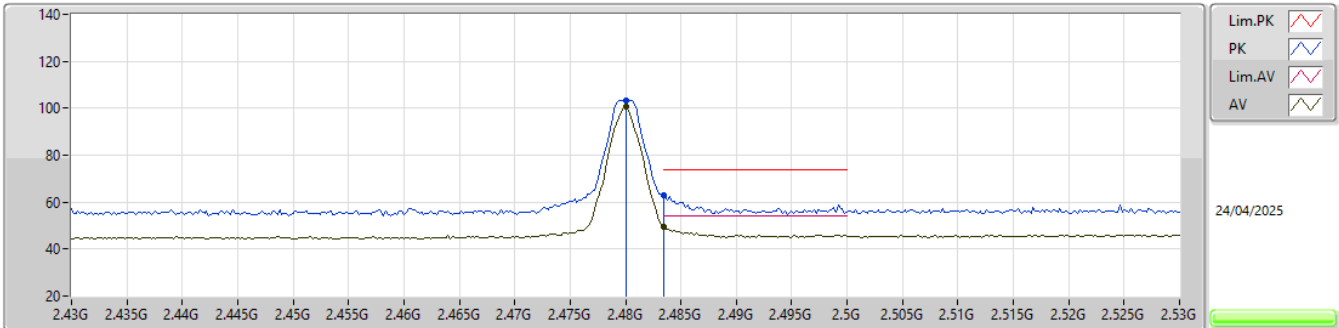


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.88588G	46.27	74.00	-27.73	39.49	3	Horizontal	127	1.53	-	32.84	6.52	32.58			
AV	4.874G	34.69	54.00	-19.31	27.96	3	Horizontal	127	1.53	-	32.80	6.50	32.57			
PK	7.32762G	52.75	74.00	-21.25	39.84	3	Horizontal	325	2.52	-	37.56	7.98	32.63			
AV	7.30506G	40.75	54.00	-13.25	27.90	3	Horizontal	325	2.52	-	37.51	7.97	32.63			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

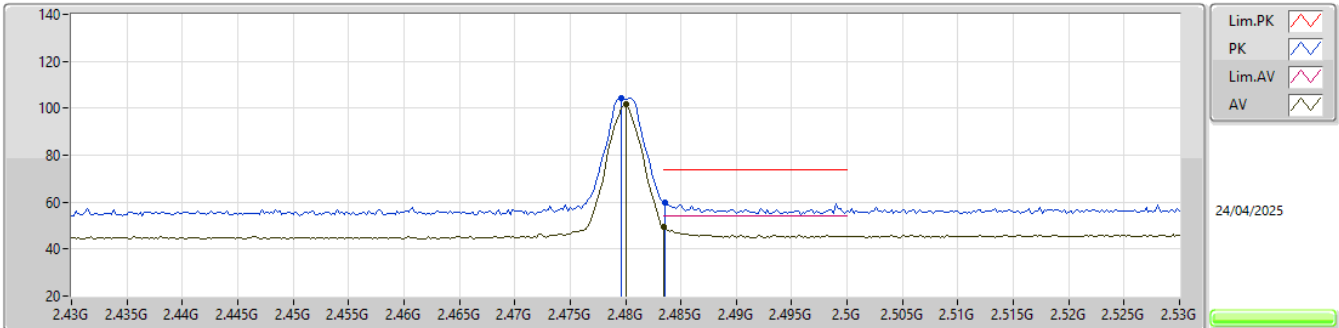


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.48G	103.32	Inf	-Inf	71.71	3	Vertical	18	1.80	-	27.80	3.81	-				
AV	2.48G	100.82	Inf	-Inf	69.21	3	Vertical	18	1.80	-	27.80	3.81	-				
PK	2.4835G	62.92	74.00	-11.08	31.27	3	Vertical	18	1.80	-	27.84	3.81	-				
AV	2.4835G	49.28	54.00	-4.72	17.63	3	Vertical	18	1.80	-	27.84	3.81	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

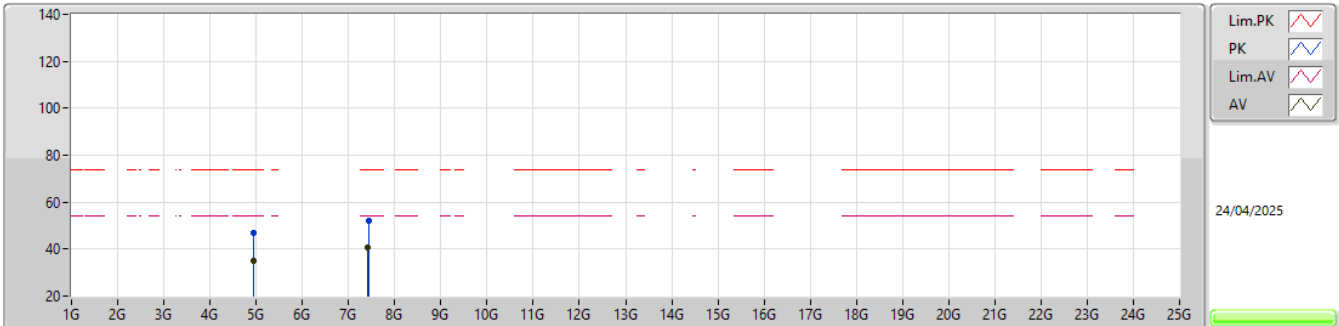


EUT_Y_1TX
Setting Default
01-U-S-4

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	2.4796G	104.08	Inf	-Inf	72.47	3	Horizontal	202	2.66	-	27.80	3.81	-					
AV	2.48G	101.48	Inf	-Inf	69.87	3	Horizontal	202	2.66	-	27.80	3.81	-					
PK	2.4836G	60.05	74.00	-13.95	28.40	3	Horizontal	202	2.66	-	27.84	3.81	-					
AV	2.4835G	49.73	54.00	-4.27	18.08	3	Horizontal	202	2.66	-	27.84	3.81	-					

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

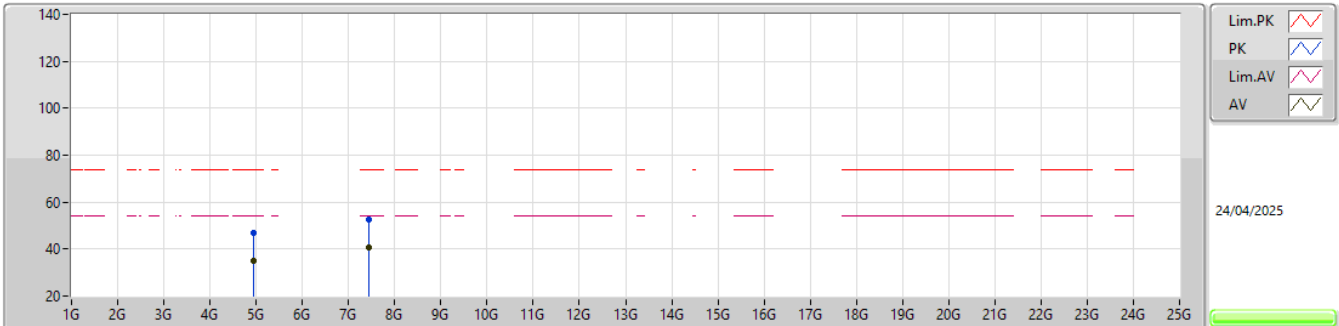


EUT_Y_1TX
Setting Default
01-U-G-5

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	4.95358G	46.94	74.00	-27.06	39.92	3	Vertical	320	2.93	-	32.99	6.61	32.58				
AV	4.94626G	34.84	54.00	-19.16	27.83	3	Vertical	320	2.93	-	32.99	6.60	32.58				
PK	7.42896G	52.17	74.00	-21.83	39.18	3	Vertical	74	1.74	-	37.54	8.04	32.59				
AV	7.42626G	40.86	54.00	-13.14	27.86	3	Vertical	74	1.74	-	37.55	8.04	32.59				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Y_1TX
Setting Default
01-U-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	4.95562G	46.74	74.00	-27.26	39.72	3	Horizontal	58	2.37	-	32.99	6.61	32.58				
AV	4.95328G	34.80	54.00	-19.20	27.78	3	Horizontal	58	2.37	-	32.99	6.61	32.58				
PK	7.4412G	52.33	74.00	-21.67	39.33	3	Horizontal	87	1.58	-	37.52	8.06	32.58				
AV	7.43964G	40.87	54.00	-13.13	27.87	3	Horizontal	87	1.58	-	37.52	8.06	32.58				