



RADIO TEST REPORT

FCC ID : 2BXG6FAST5698
Equipment : 5G GATEWAY
Brand Name : T-Mobile
Model Name : FAST5698
Marketing Name : TMO-G5MSG
Applicant : SAGEMCOM USA LLC
1301 West President George Bush Highway Ste
330, Richardson, Texas, United States, 75080
Manufacturer : SAGEMCOM USA LLC
1301 West President George Bush Highway Ste
330, Richardson, Texas, United States, 75080
Standard : 47 CFR FCC Part 15.247

The product was received on Jul. 20, 2026, and testing was started from Jul. 28, 2026 and completed on Aug. 20, 2026. 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 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-A10_6 Ver1.3



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:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

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



1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1	1TX
2.4-2.4835GHz	BT-LE(500Kb/s)	1	1TX
2.4-2.4835GHz	BT-LE(125Kb/s)	1	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2	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)	Modes of Operation
1	1	Pegatron	WiFi-0	PCB	I-PEX	Note 1	WLAN 2.4GHz WLAN 5GHz
2	2	Pegatron	WiFi-1	PCB	I-PEX		
3	3	Pegatron	WiFi-2	PCB	I-PEX		
4	4	Pegatron	WiFi-3	PCB	I-PEX		
5	1	Pegatron	6G-0	PCB	I-PEX		WLAN 6GHz
6	2	Pegatron	6G-1	PCB	I-PEX		
7	3	Pegatron	6G-2	PCB	I-PEX		
8	4	Pegatron	6G-3	PCB	I-PEX		
9	1	Pegatron	IoT-1	PCB	I-PEX		Bluetooth or IEEE 802.15.4
10	2	Pegatron	IoT-2	PCB	I-PEX		
11	-	Pegatron	5G NR-0	PCB	I-PEX	-	WWAN
12	-	Pegatron	5G NR-1	FPC	I-PEX		
13	-	Pegatron	5G NR-2	PCB	I-PEX		
14	-	Pegatron	5G NR-3	FPC	I-PEX		
15	-	Pegatron	5G NR-4	PCB	I-PEX		
16	-	Pegatron	5G NR-5	FPC	I-PEX		
17	-	Pegatron	5G NR-6	PCB	I-PEX		
18	-	Pegatron	5G NR-7	FPC	I-PEX		
19	-	Pegatron	GNSS	PCB	I-PEX		GPS



Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
1	4.58	4.75	3.43	4.70	5.04
2	4.65	3.37	3.37	3.85	3.96
3	4.86	2.86	3.61	3.98	3.98
4	3.77	4.63	4.31	4.21	4.21
Ant.	WLAN 6GHz				
	UNII 5	UNII 6	UNII 7	UNII 8	
	5	4.83	5.64	5.80	
6	3.34	3.42	3.31	4.00	
7	6.34	5.18	5.26	6.21	
8	5.16	6.05	5.97	6.19	
Ant.	Bluetooth or IEEE 802.15.4				
9	3.72				
10	2.93				

Item	Composite Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
4T1S	5.79	6.08	5.66	5.66	5.89
4T2S	4.86	4.92	4.31	4.36	5.04
4T3S	4.86	4.75	4.31	4.21	5.04
4T4S	4.86	4.75	4.31	4.21	5.04
Item	WLAN 6GHz				
	UNII 5	UNII 6	UNII 7	UNII 8	
	4T1S	6.05	5.97	6.21	
4T2S	6.34	6.05	5.97	6.21	
4T3S	6.34	6.05	5.97	6.21	
4T4S	6.34	6.05	5.97	6.21	

Note 2: The above information was declared by manufacturer.

Note 3: **For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (4TX/4RX)**

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

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

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

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



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

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

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

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

For Bluetooth or IEEE 802.15.4 mode (1TX/1RX)

The EUT supports the antenna with TX and RX diversity functions.

Both Port 1 and Port 2 support transmit and receive functions, but only one of them will be used at one time.

The Port 1 generated the worst case, so it was selected for testing.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
BT-LE(1Mbps)	1	0	20.003m	10Hz (DC>=0.98)
BT-LE(2Mbps)	1	0	20.003m	10Hz (DC>=0.98)

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	For Emissions in Restricted Frequency Bands test: Tera Term V5.4.0 For others: DOS [ver 6.1.7601]			
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 WWAN Information

Support Function
4G LTE Band: B2, B4, B5, B12, B25, B26, B41, B48, B66, B71
5G NR Band: n2, n25, n41, n48, n66, n71, n77

Note: 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 C63.10-2020

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	Serway Lee	21.9~23.2 / 61~64	Aug. 01, 2026~ Aug. 06, 2026
Radiated below 1GHz	03CH05-CB	Lex Lee	23.8~24.1 / 56~60	Jul. 28, 2026~ Aug. 17, 2026
Radiated above 1GHz	03CH05-CB	Lex Lee	23.7~23.8 / 59~66	
AC Conduction	CO02-CB	Tim Chen	22~23 / 58~59	Aug. 20, 2026

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)	3.7 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.5 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.3 dB	Confidence levels of 95%
Conducted Emission	3.8 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	3.5 dB	Confidence levels of 95%
Bandwidth Measurement	1.6 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
BT-LE(1Mbps)
2402MHz
2440MHz
2478MHz
2480MHz
BT-LE(2Mbps)
2402MHz
2440MHz
2478MHz
2480MHz

Note:

- ♦ 1Mbps, 500Kb/s, and 125Kb/s modes were the same bandwidth. The 1Mbps mode generated the worst case; thus it was selected to test.

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 + Adapter 1_WLAN 2.4GHz
2	EUT + Adapter 2_WLAN 2.4GHz
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~6 will follow this same test mode.	
3	EUT + Adapter 1_WLAN 5GHz
4	EUT + Adapter 1_WLAN 6GHz
5	EUT + Adapter 1_Bluetooth
6	EUT + Adapter 1_IEEE 802.15.4
For operating mode 1 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, 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 + Adapter 1_WLAN 2.4GHz
2	EUT in Y axis + Adapter 2_WLAN 2.4GHz
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~6 will follow this same test mode.	
3	EUT in Y axis + Adapter 1_WLAN 5GHz
4	EUT in Y axis + Adapter 1_WLAN 6GHz
5	EUT in Y axis + Adapter 1_Bluetooth
6	EUT in Y axis + Adapter 1_IEEE 802.15.4
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX After evaluating, 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

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	MASS POWER	PD065E-D1C0AVU	INPUT: 100-240V~, 50/60Hz, 1.5A OUTPUT: 5.0V, 3.0A or 9.0V, 3.0A or 12.0V, 3.0A or 15.0V, 3.0A or 20.0V, 3.0A
Adapter 2	MOSO	P30-V3000R200-060Q0-US	INPUT: 100-240V~50/60Hz, 1.7A max. OUTPUT: 5V, 3A or 9V, 3A or 12V, 3A or 15V, 3A or 20V, 3A

2.5 Support Equipment

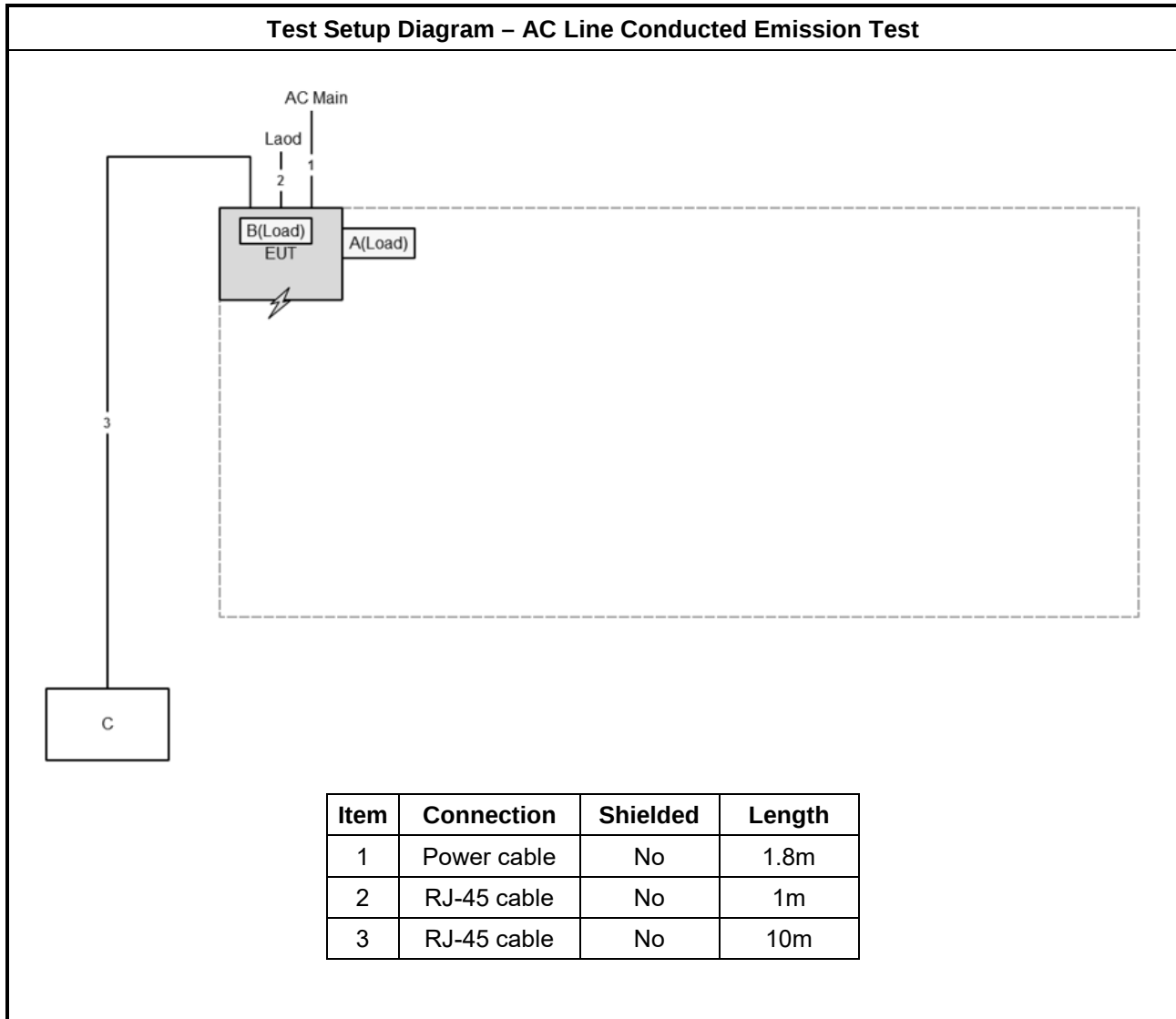
For AC Conduction:

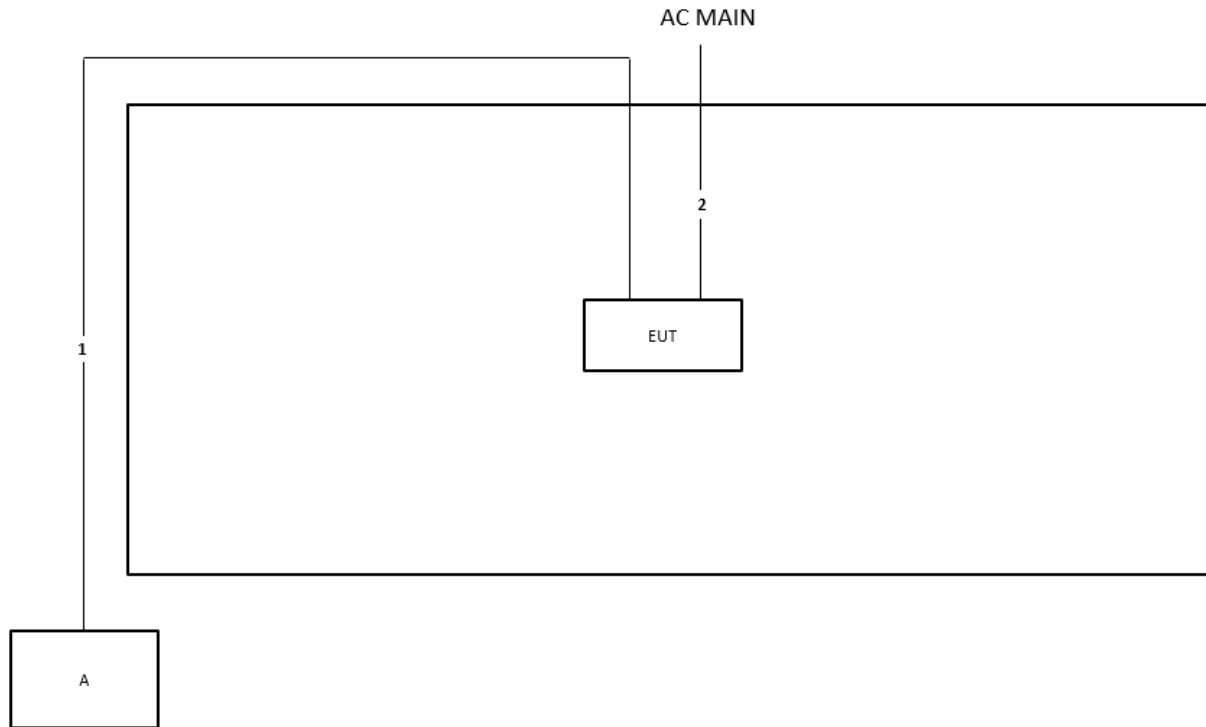
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Type-C Flash disk	Kingston	DT70	N/A
B	SIM Card	T-mobile	N/A	N/A
C	NB	Lenovo	X1 Carbon	N/A

For Radiated and RF Conducted:

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

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m



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.		

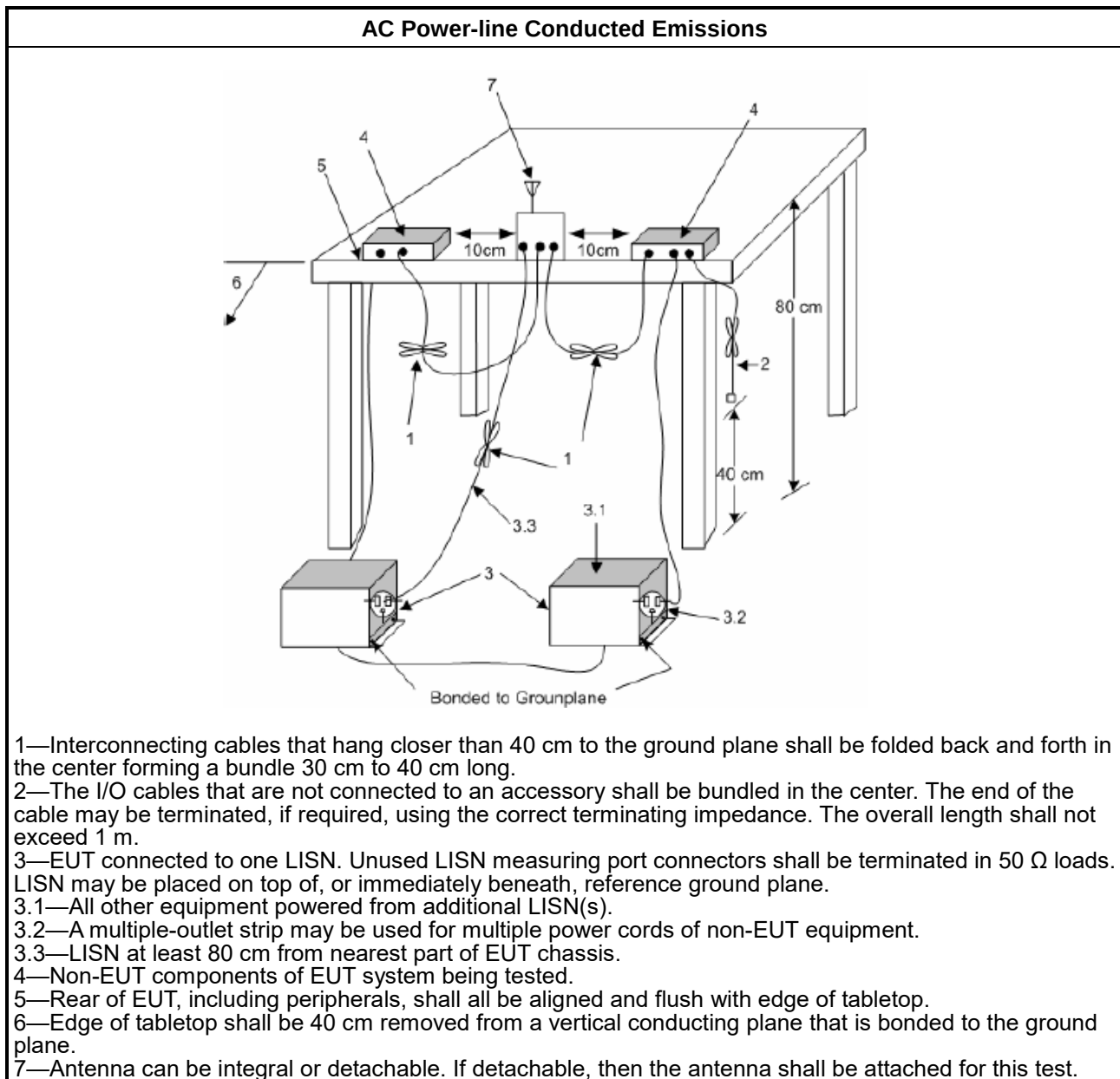
3.1.2 Measuring Instruments

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



1.1.1. 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

3.1.5 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.

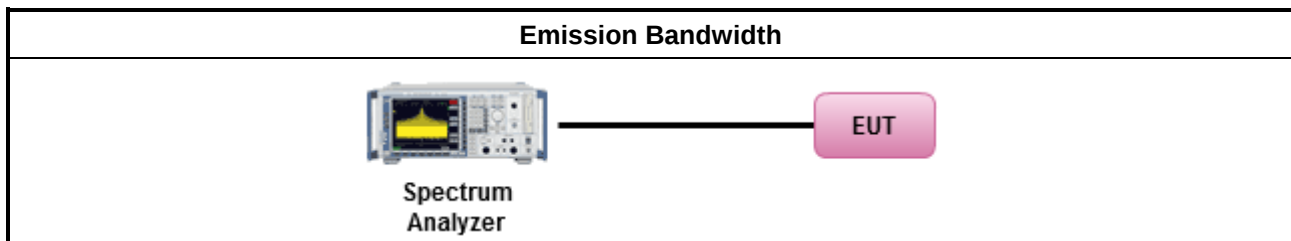
3.2.2 Measuring Instruments

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.	

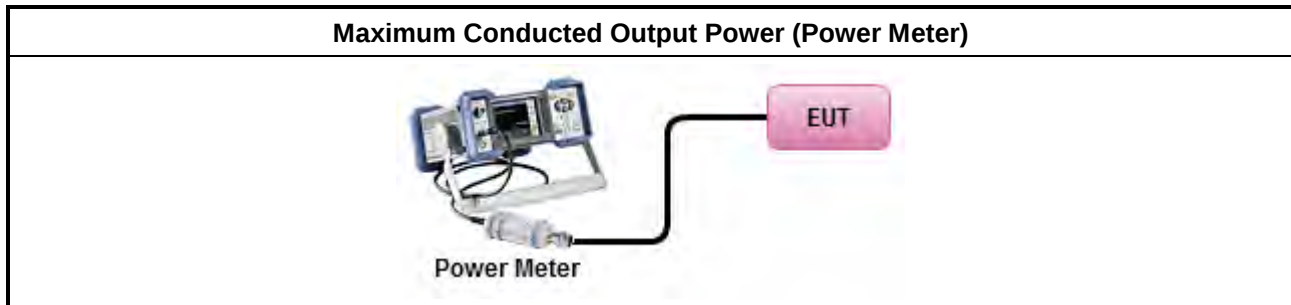
3.3.2 Measuring Instruments

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

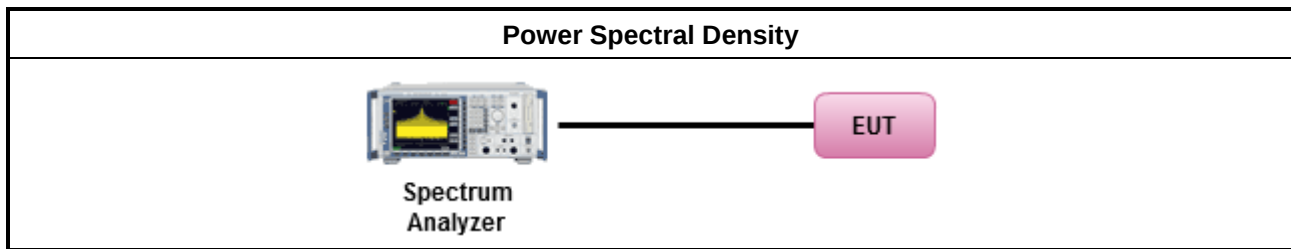
3.4.2 Measuring Instruments

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.	

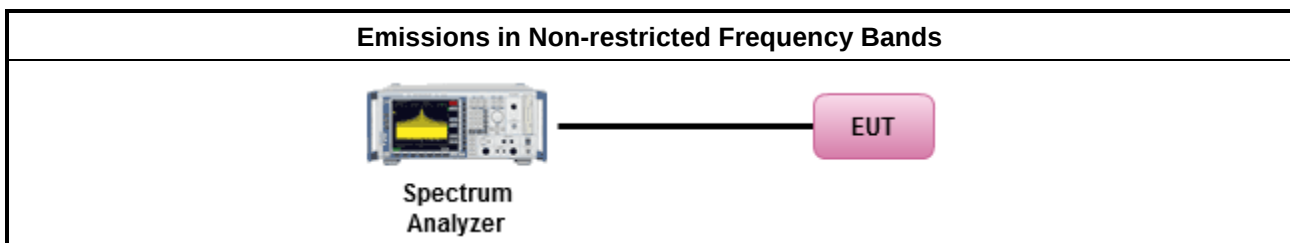
3.5.2 Measuring Instruments

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.

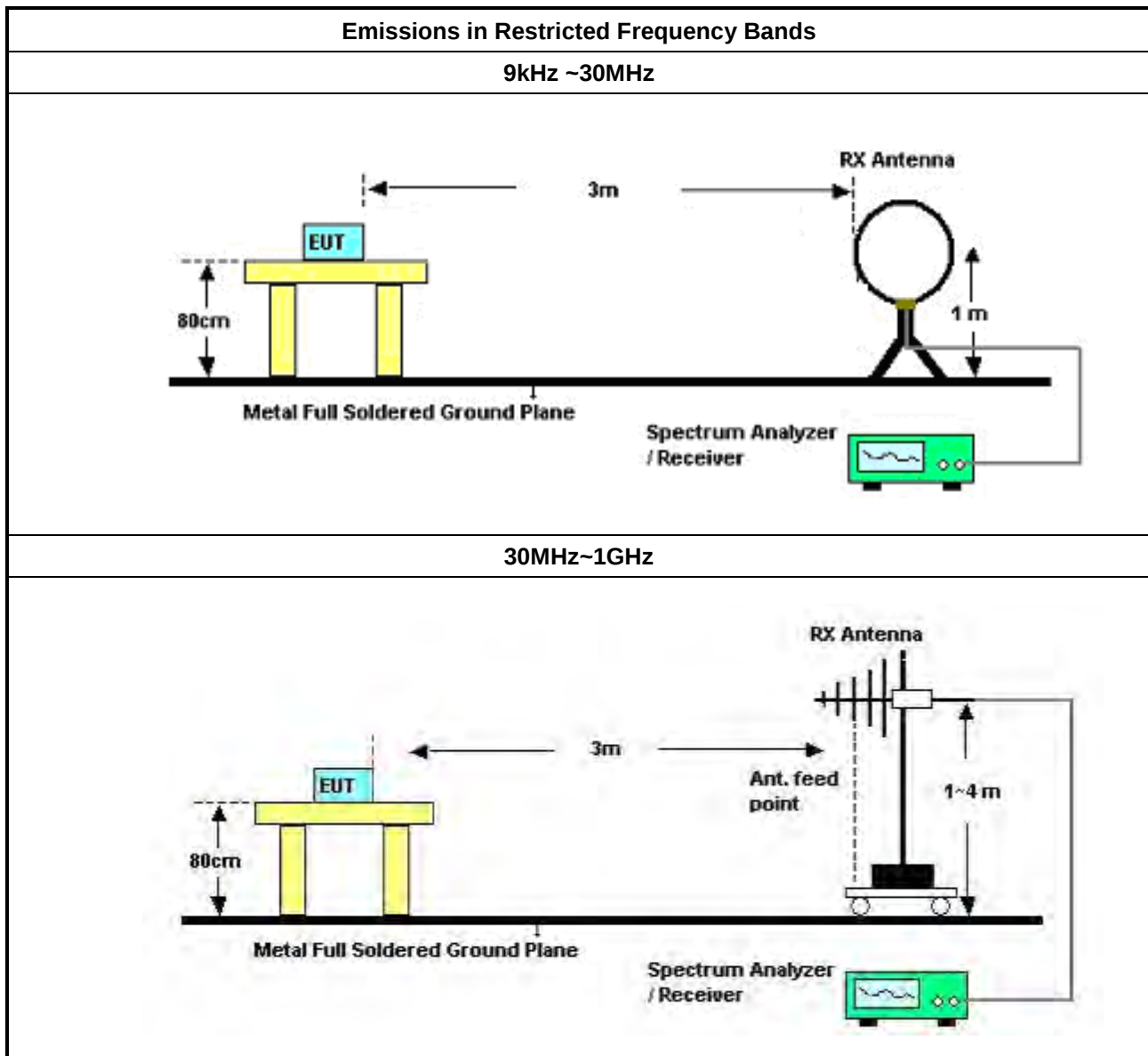
3.6.2 Measuring Instruments

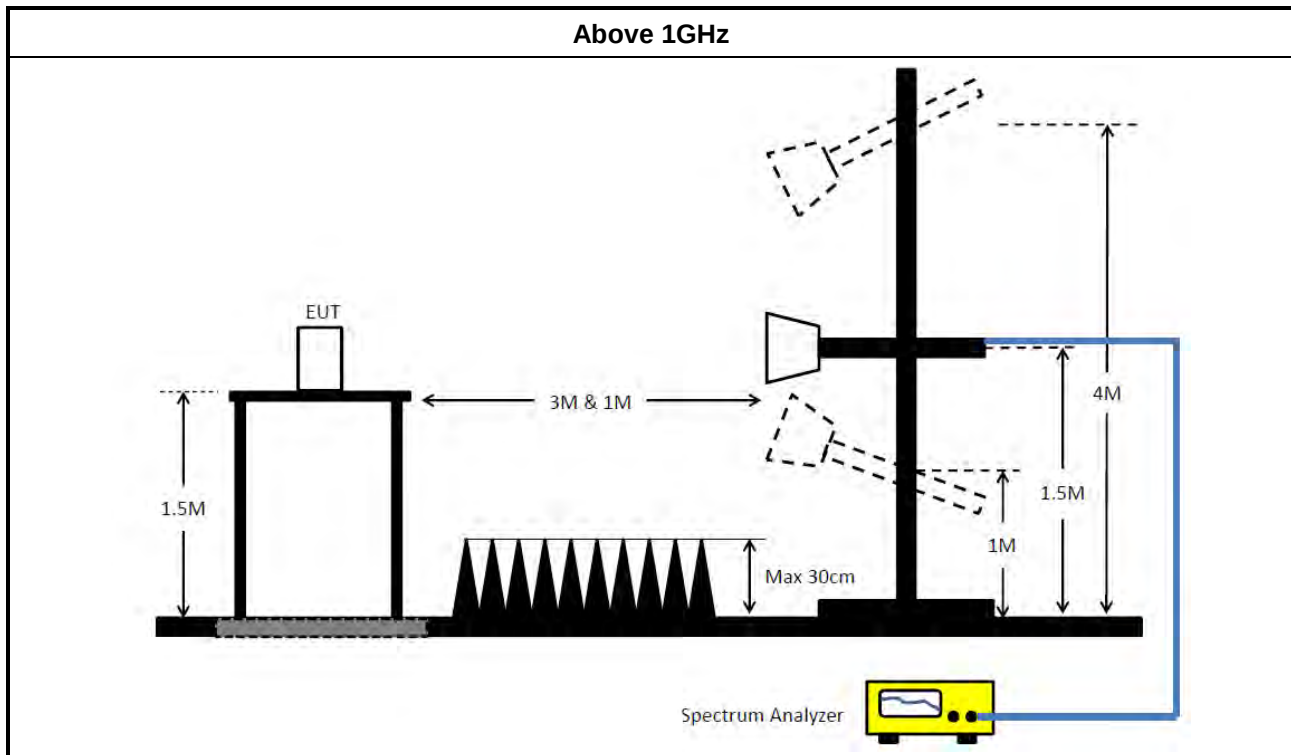
Refer a test equipment and calibration data table in this test report.

**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 Test Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jun. 06, 2026	Jun. 05, 2027	Conduction (CO02-CB)
COND Cable	Woken	Cable	CO02	0.15MHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Jan. 29, 2026	Jan. 28, 2027	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Feb. 25, 2026	Feb. 24, 2027	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Sep. 14, 2025	Sep. 13, 2026	Conduction (CO02-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 20, 2025	Oct. 19, 2026	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Jul. 31, 2025	Jul. 30, 2026	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Jul. 30, 2026	Jul. 29, 2027	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 27, 2025	Sep. 26, 2026	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Sep. 25, 2025	Sep. 24, 2026	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 30, 2026	Apr. 29, 2027	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 15, 2026	Jun. 14, 2027	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	May. 08, 2026	May. 07, 2027	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Jun. 30, 2026	Jun. 29, 2027	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jul. 07, 2026	Jul. 06, 2027	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jun. 24, 2026	Jun. 23, 2027	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.27	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.



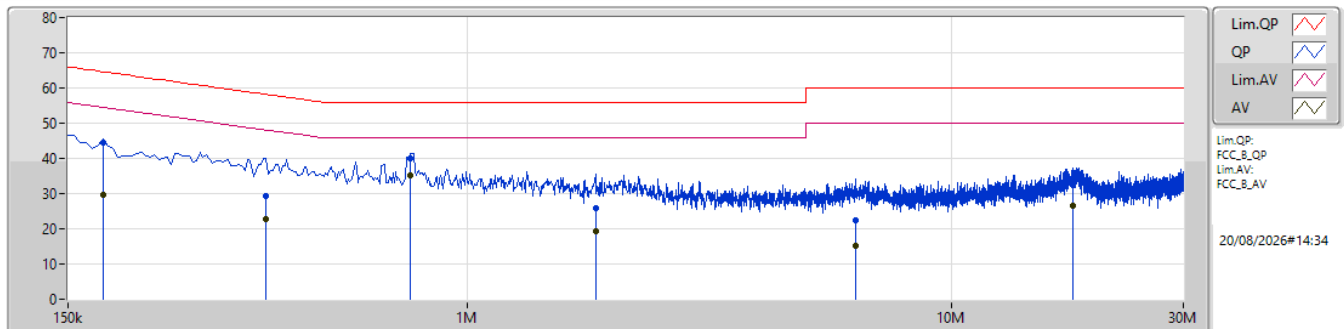
Conducted Emissions at Powerline

Appendix A

Summary

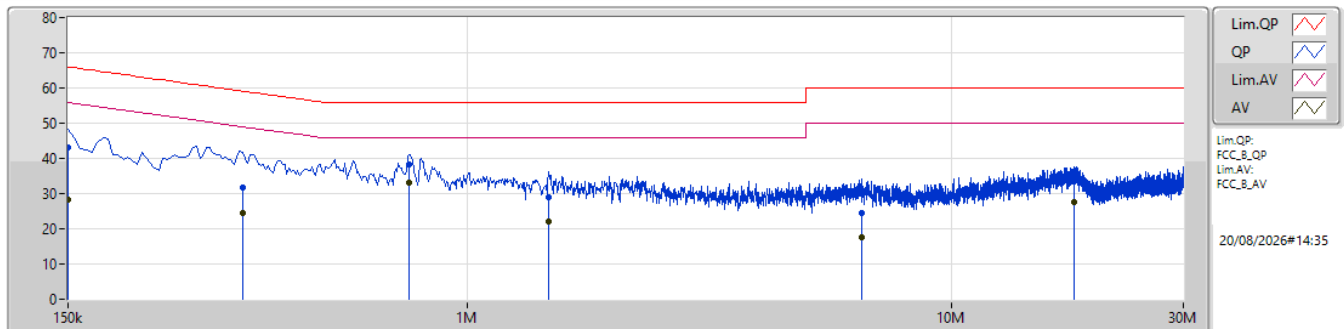
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	762k	35.04	46.00	-10.96	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	177k	44.58	64.62	-20.04	10.37	Line	-	34.21	0.12	0.23	10.02						
AV	177k	29.52	54.62	-25.10	10.37	Line	-	19.15	0.12	0.23	10.02						
QP	384k	29.46	58.20	-28.74	10.48	Line	-	18.98	0.12	0.28	10.08						
AV	384k	22.61	48.20	-25.59	10.48	Line	-	12.13	0.12	0.28	10.08						
QP	762k	39.88	56.00	-16.12	10.53	Line	-	29.35	0.16	0.25	10.12						
AV	762k	35.04	46.00	-10.96	10.53	Line	"Worst"	24.51	0.16	0.25	10.12						
QP	1.842M	25.95	56.00	-30.05	10.49	Line	-	15.46	0.22	0.26	10.01						
AV	1.842M	19.31	46.00	-26.69	10.49	Line	-	8.82	0.22	0.26	10.01						
QP	6.311M	22.55	60.00	-37.45	10.95	Line	-	11.60	0.49	0.32	10.14						
AV	6.311M	15.25	50.00	-34.75	10.95	Line	-	4.30	0.49	0.32	10.14						
QP	17.781M	32.45	60.00	-27.55	11.89	Line	-	20.56	1.00	0.35	10.54						
AV	17.781M	26.54	50.00	-23.46	11.89	Line	-	14.65	1.00	0.35	10.54						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	43.03	66.00	-22.97	10.48	Neutral	-	32.55	0.12	0.27	10.09						
AV	150k	28.15	56.00	-27.85	10.48	Neutral	-	17.67	0.12	0.27	10.09						
QP	343.5k	31.63	59.12	-27.49	10.45	Neutral	-	21.18	0.13	0.26	10.06						
AV	343.5k	24.56	49.12	-24.56	10.45	Neutral	-	14.11	0.13	0.26	10.06						
QP	757.5k	38.12	56.00	-17.88	10.51	Neutral	-	27.61	0.14	0.25	10.12						
AV	757.5k	32.96	46.00	-13.04	10.51	Neutral	"Worst"	22.45	0.14	0.25	10.12						
QP	1.473M	29.05	56.00	-26.95	10.48	Neutral	-	18.57	0.18	0.25	10.05						
AV	1.473M	22.05	46.00	-23.95	10.48	Neutral	-	11.57	0.18	0.25	10.05						
QP	6.504M	24.65	60.00	-35.35	10.91	Neutral	-	13.74	0.44	0.32	10.15						
AV	6.504M	17.45	50.00	-32.55	10.91	Neutral	-	6.54	0.44	0.32	10.15						
QP	17.826M	33.38	60.00	-26.62	11.79	Neutral	-	21.59	0.90	0.35	10.54						
AV	17.826M	27.57	50.00	-22.43	11.79	Neutral	-	15.78	0.90	0.35	10.54						

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)	713.75k	1.039M	1M04F1D	705k	1.033M
BT-LE(2Mbps)	1.36M	2.127M	2M13F1D	1.353M	2.109M

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

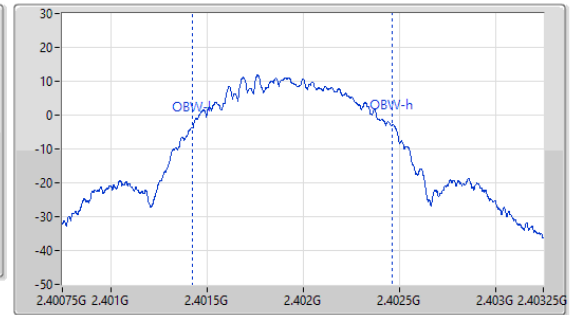
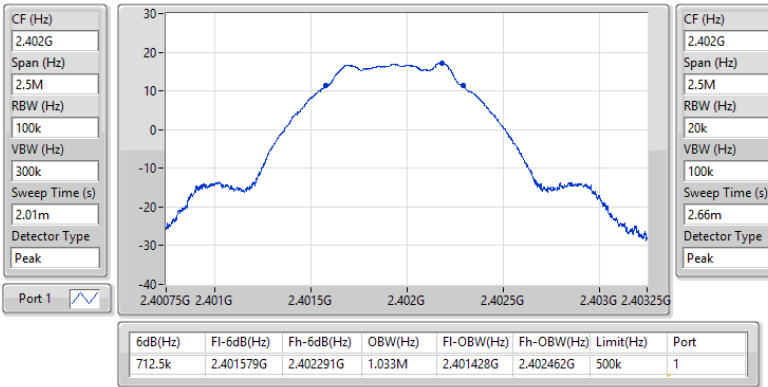
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	712.5k	1.033M
2440MHz	Pass	500k	713.75k	1.034M
2478MHz	Pass	500k	707.5k	1.039M
2480MHz	Pass	500k	705k	1.036M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.353M	2.109M
2440MHz	Pass	500k	1.355M	2.115M
2478MHz	Pass	500k	1.36M	2.127M
2480MHz	Pass	500k	1.355M	2.115M

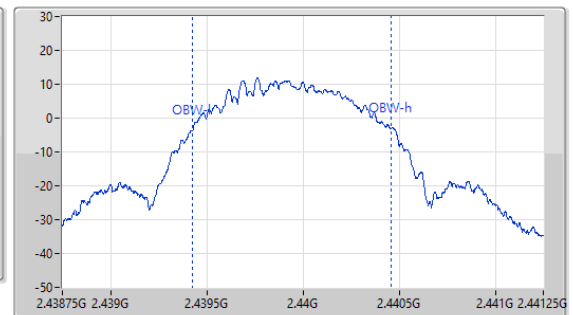
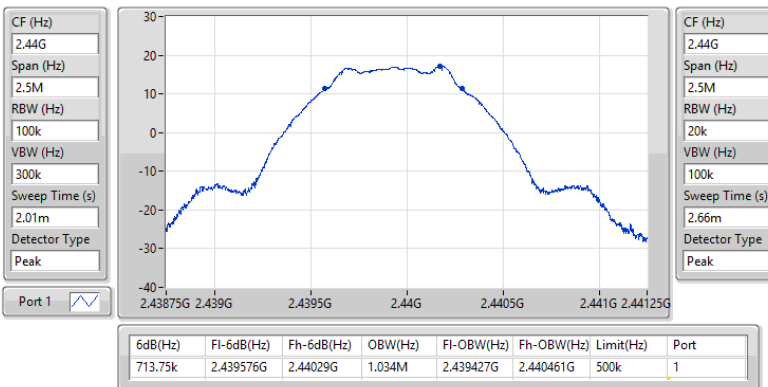
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

31/07/2026

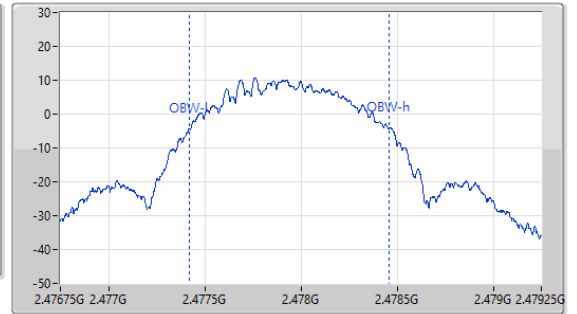
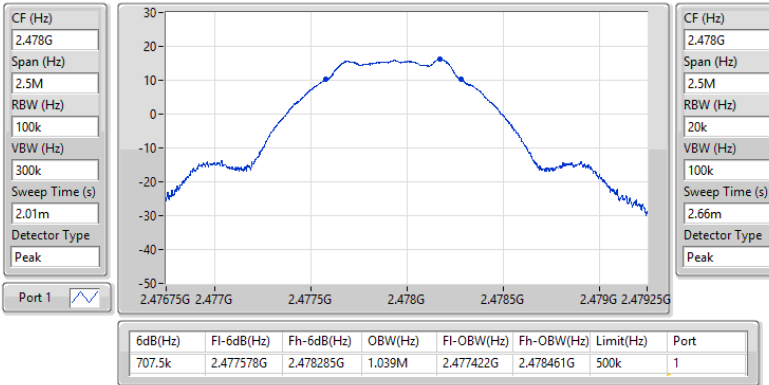

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2440MHz

31/07/2026

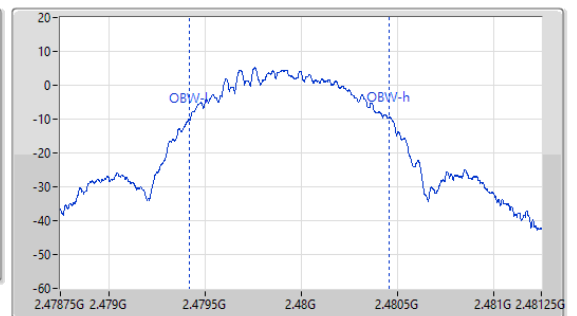
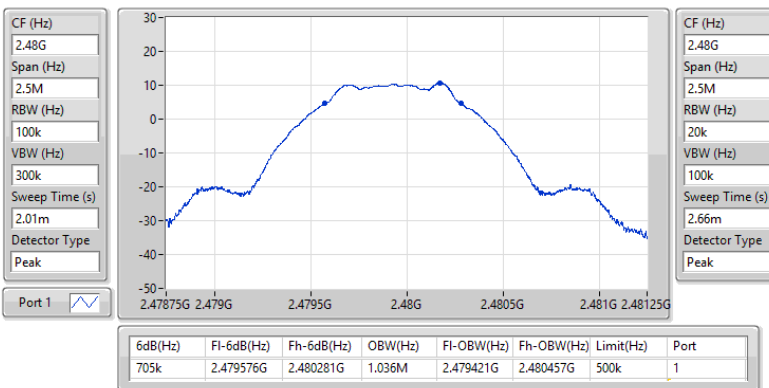


2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2478MHz

31/07/2026

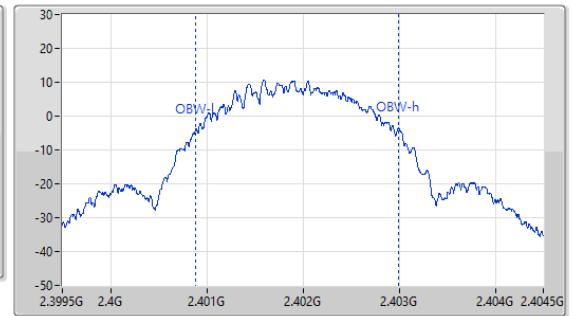
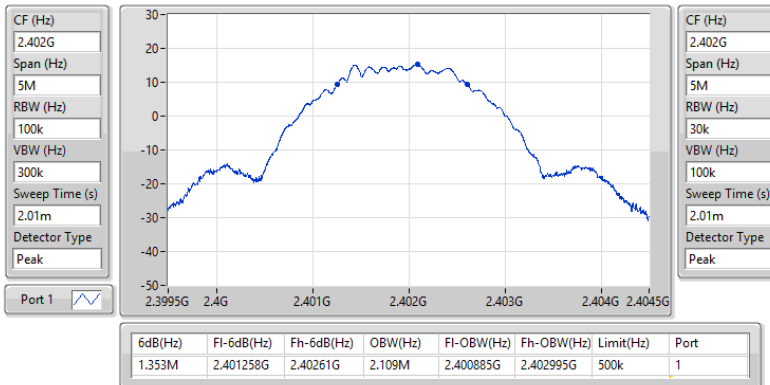

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2480MHz

31/07/2026

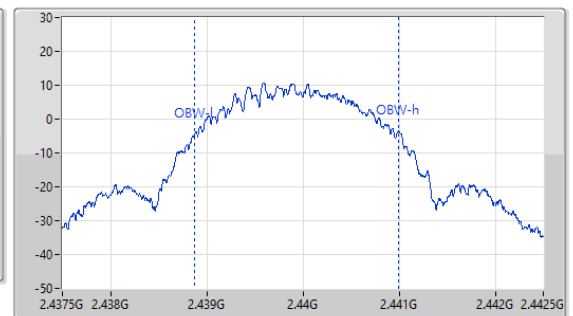
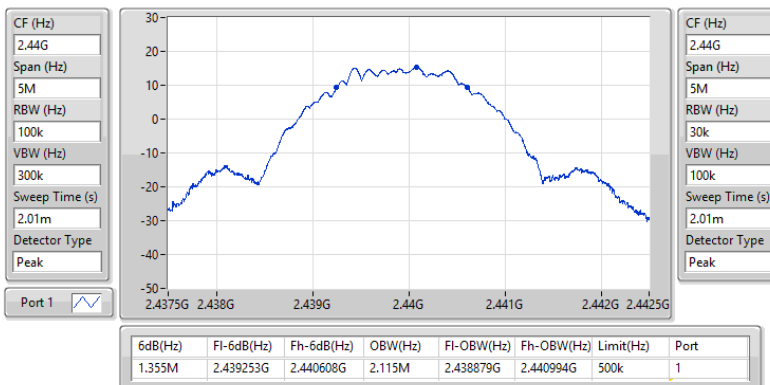


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2402MHz

31/07/2026

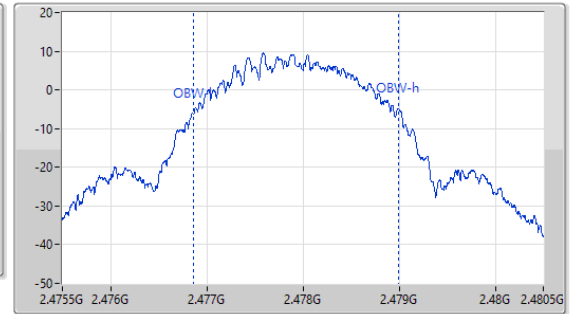
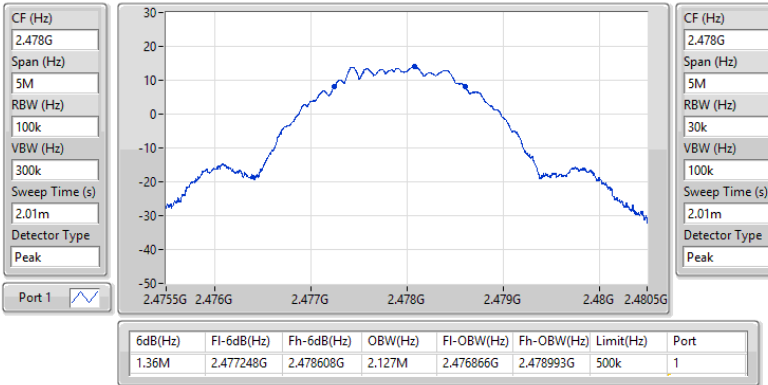

2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2440MHz

31/07/2026

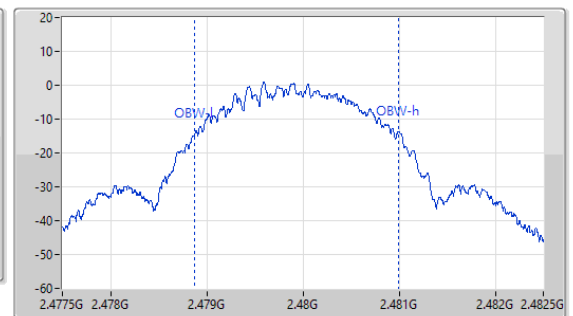
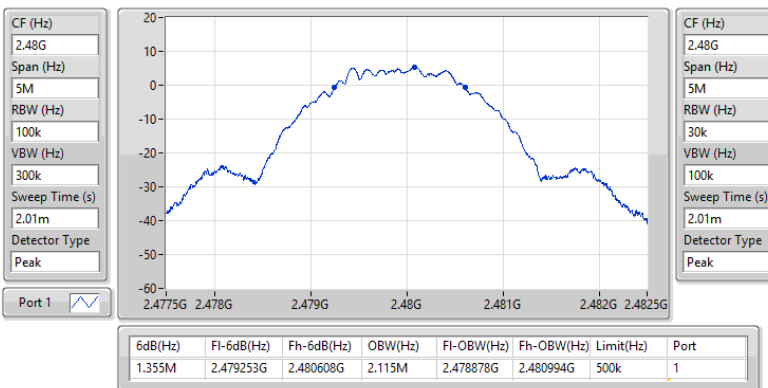


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2478MHz

31/07/2026


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2480MHz

31/07/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	18.24	0.06668
BT-LE(2Mbps)	18.37	0.06871



Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.72	18.19	30.00
2440MHz	Pass	3.72	18.24	30.00
2478MHz	Pass	3.72	17.18	30.00
2480MHz	Pass	3.72	11.76	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.72	18.34	30.00
2440MHz	Pass	3.72	18.37	30.00
2478MHz	Pass	3.72	17.29	30.00
2480MHz	Pass	3.72	8.61	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)	1.60
BT-LE(2Mbps)	0.32

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.72	1.56	8.00
2440MHz	Pass	3.72	1.60	8.00
2478MHz	Pass	3.72	0.51	8.00
2480MHz	Pass	3.72	-4.94	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.72	0.27	8.00
2440MHz	Pass	3.72	0.32	8.00
2478MHz	Pass	3.72	-0.85	8.00
2480MHz	Pass	3.72	-9.65	8.00

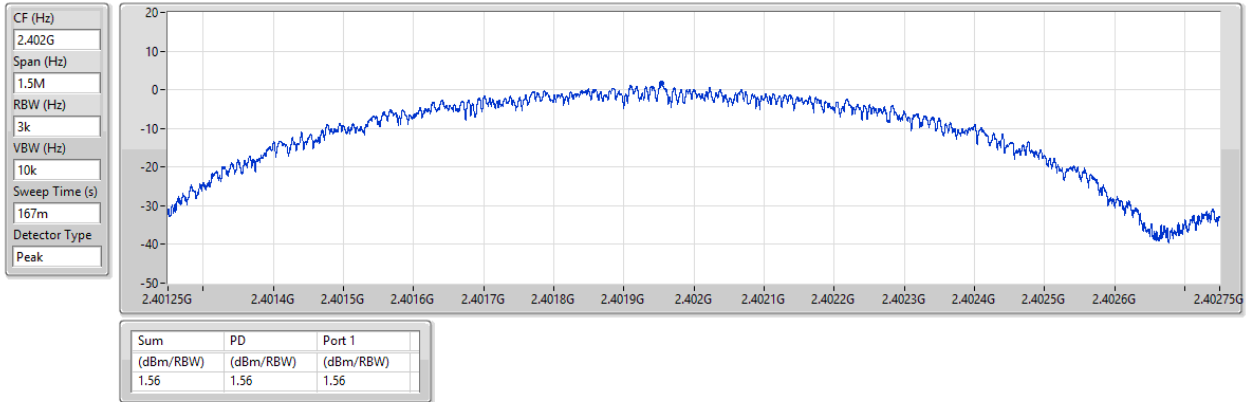
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2402MHz

31/07/2026

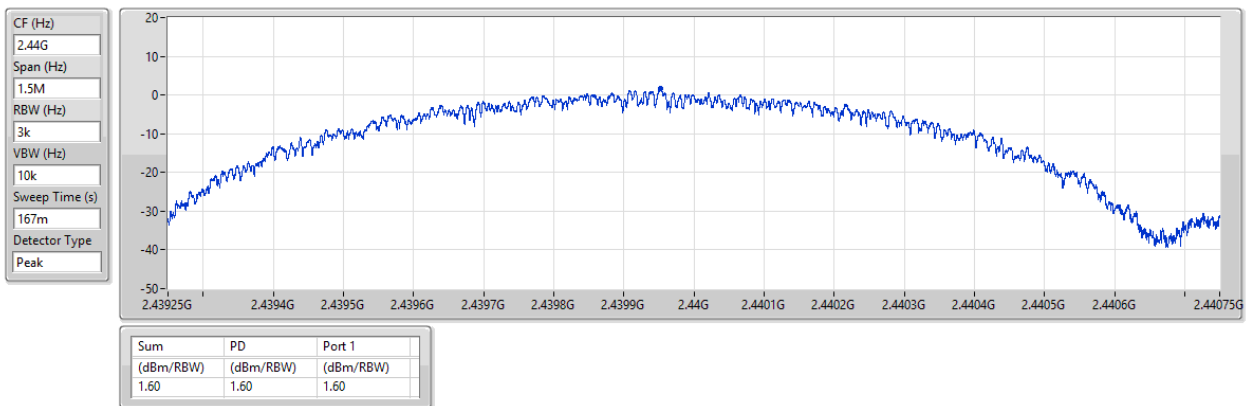


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2440MHz

31/07/2026



2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2478MHz

31/07/2026

CF (Hz)
2.478G

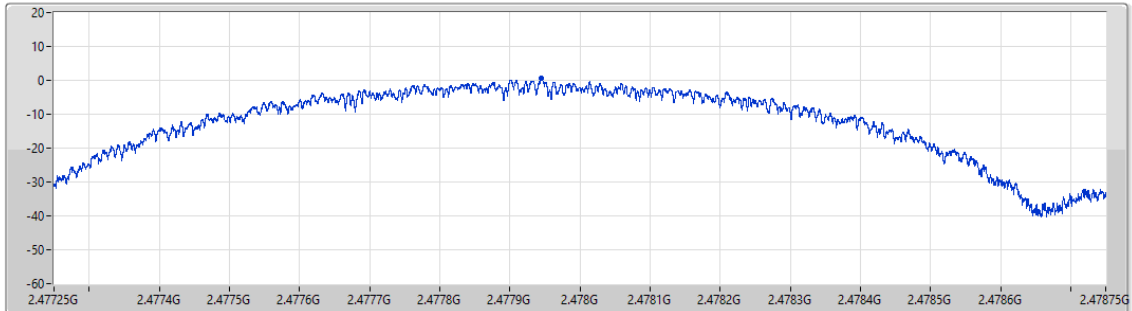
Span (Hz)
1.5M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
167m

Detector Type
Peak



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.51	0.51	0.51

2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2480MHz

31/07/2026

CF (Hz)
2.48G

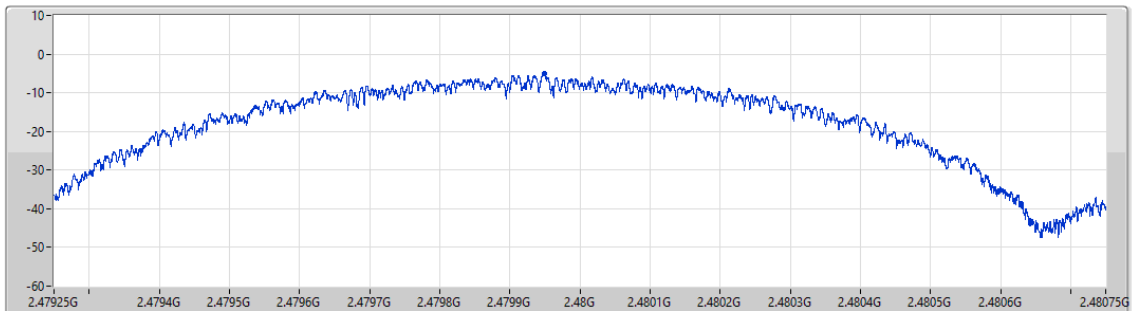
Span (Hz)
1.5M

RBW (Hz)
3k

VBW (Hz)
10k

Sweep Time (s)
167m

Detector Type
Peak



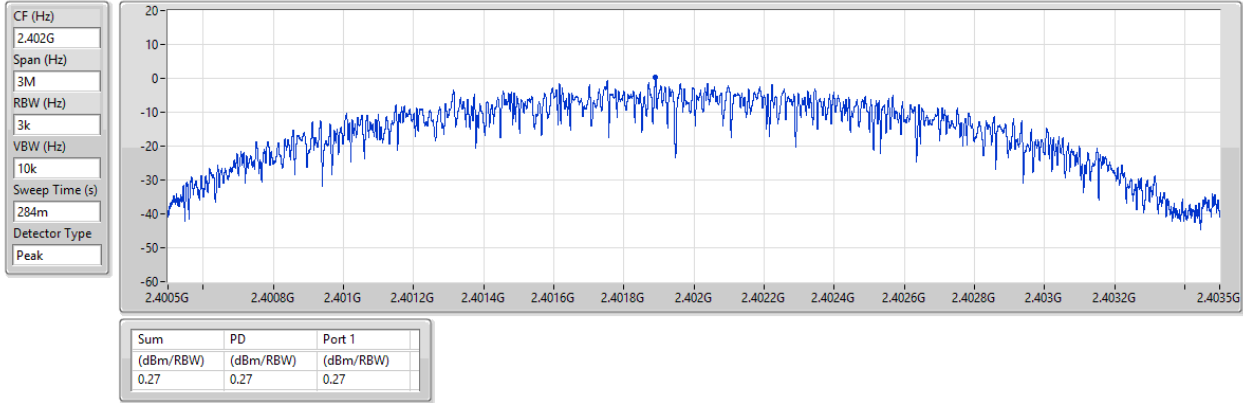
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.94	-4.94	-4.94

2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2402MHz

31/07/2026

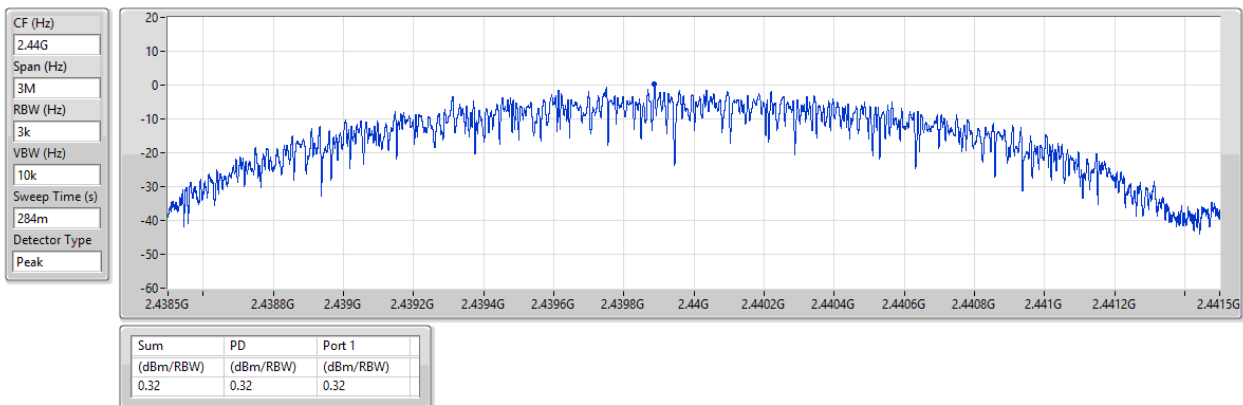


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2440MHz

31/07/2026

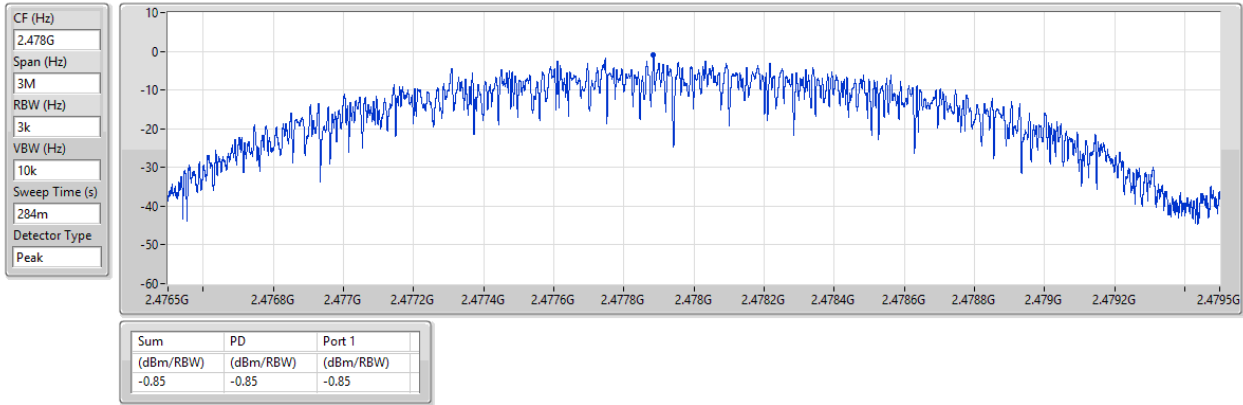


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2478MHz

31/07/2026

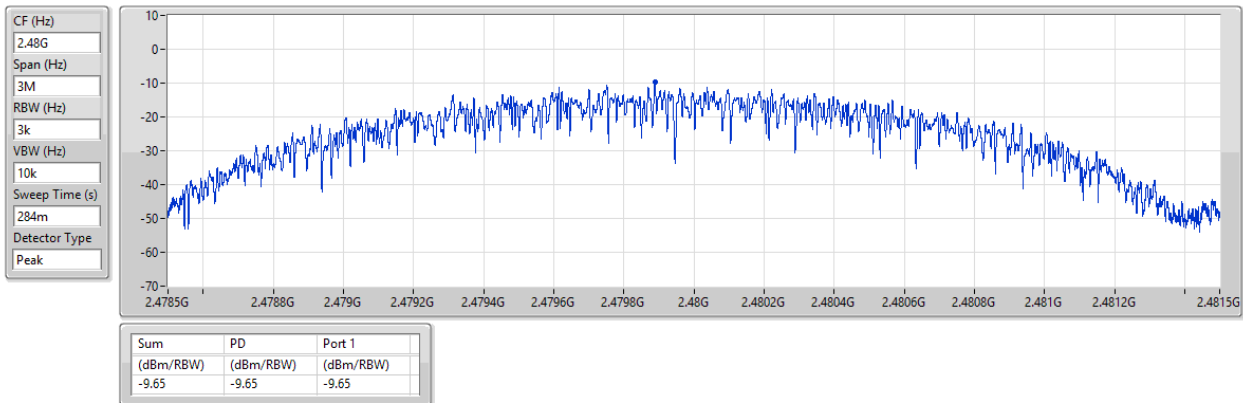


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2480MHz

31/07/2026



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	2.44025G	17.26	-12.74	1.76665G	-52.44	2.39996G	-33.93	2.4G	-34.67	2.50326G	-52.72	21.99109G	-45.37	1
BT-LE(2Mbps)	Pass	2.44008G	15.21	-14.79	2.06275G	-58.15	2.4G	-16.23	2.4G	-14.87	2.50314G	-59.91	21.52991G	-51.65	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	2.44025G	17.26	-12.74	1.76665G	-52.44	2.39996G	-33.93	2.4G	-34.67	2.50326G	-52.72	21.99109G	-45.37	1
2440MHz	Pass	2.44025G	17.26	-12.74	1.89943G	-52.31	2.39496G	-53.35	2.4G	-55.26	2.50314G	-53.36	21.58897G	-46.04	1
2478MHz	Pass	2.44025G	17.26	-12.74	2.09213G	-53.07	2.39956G	-53.29	2.4G	-55.65	2.5011G	-52.09	22.00797G	-45.95	1
2480MHz	Pass	2.44025G	17.26	-12.74	2.19905G	-51.95	2.3936G	-53.23	2.4G	-55.17	2.50054G	-52.93	23.16091G	-45.54	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.44008G	15.21	-14.79	2.06275G	-58.15	2.4G	-16.23	2.4G	-14.87	2.50314G	-59.91	21.52991G	-51.65	1
2440MHz	Pass	2.44008G	15.21	-14.79	1.97345G	-58.10	2.3958G	-56.85	2.4G	-58.54	2.50054G	-60.43	21.95454G	-51.21	1
2478MHz	Pass	2.44008G	15.21	-14.79	2.09213G	-58.50	2.39996G	-58.26	2.4G	-60.49	2.50098G	-57.70	21.42868G	-51.64	1
2480MHz	Pass	2.44008G	15.21	-14.79	1.75843G	-57.59	2.39916G	-59.47	2.4G	-62.17	2.50086G	-60.64	21.59178G	-51.78	1

2.4-2.4835GHz_BT-LE(1Mbps)

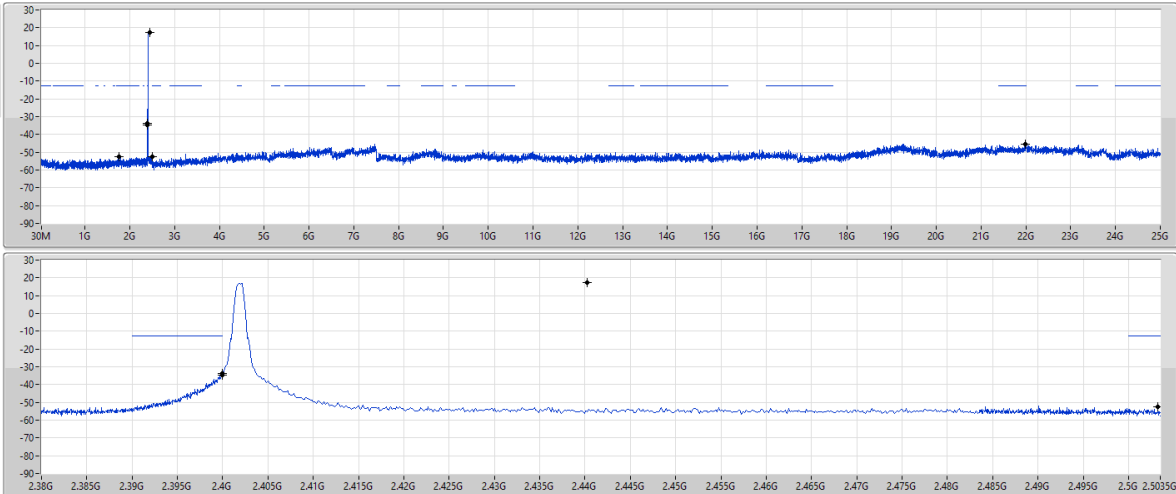
CSEndB-DTS

2402MHz

31/07/2026

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

Port 1



2.4-2.4835GHz_BT-LE(1Mbps)

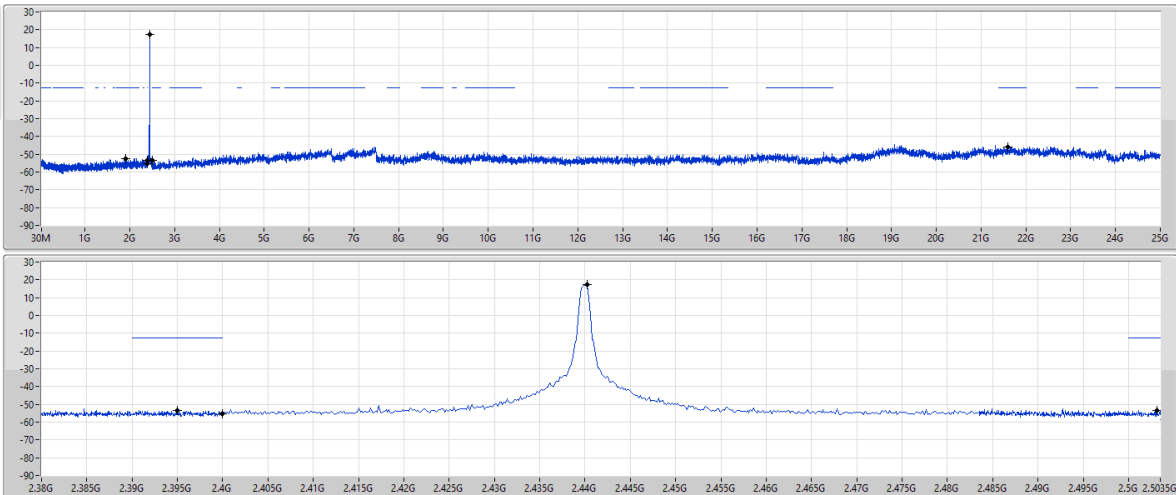
CSEndB-DTS

2440MHz

31/07/2026

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

Port 1

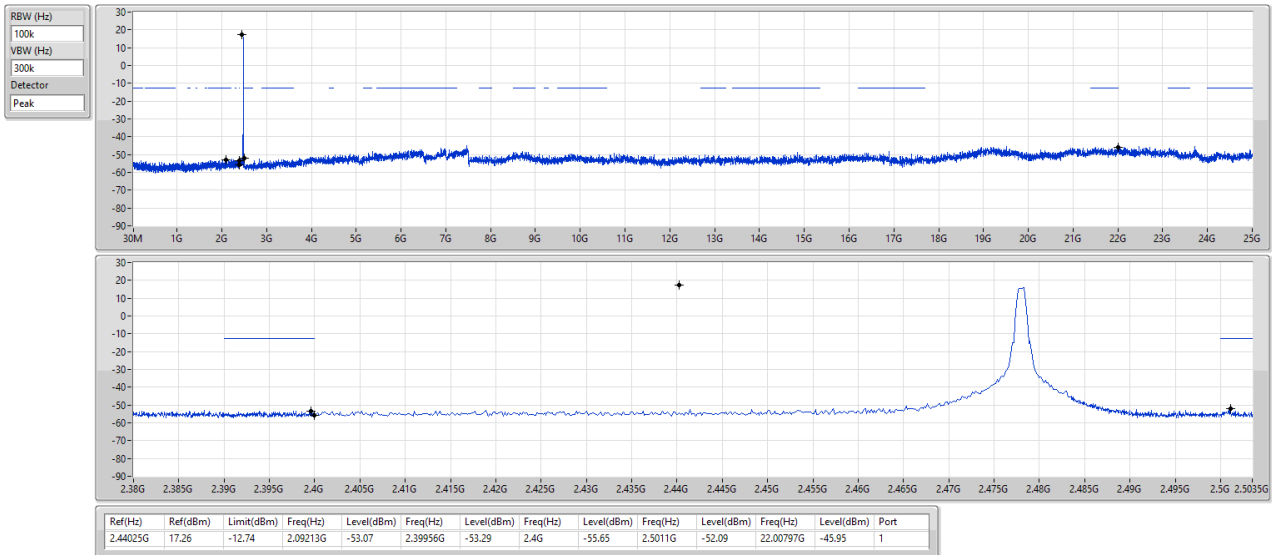


2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

2478MHz

31/07/2026

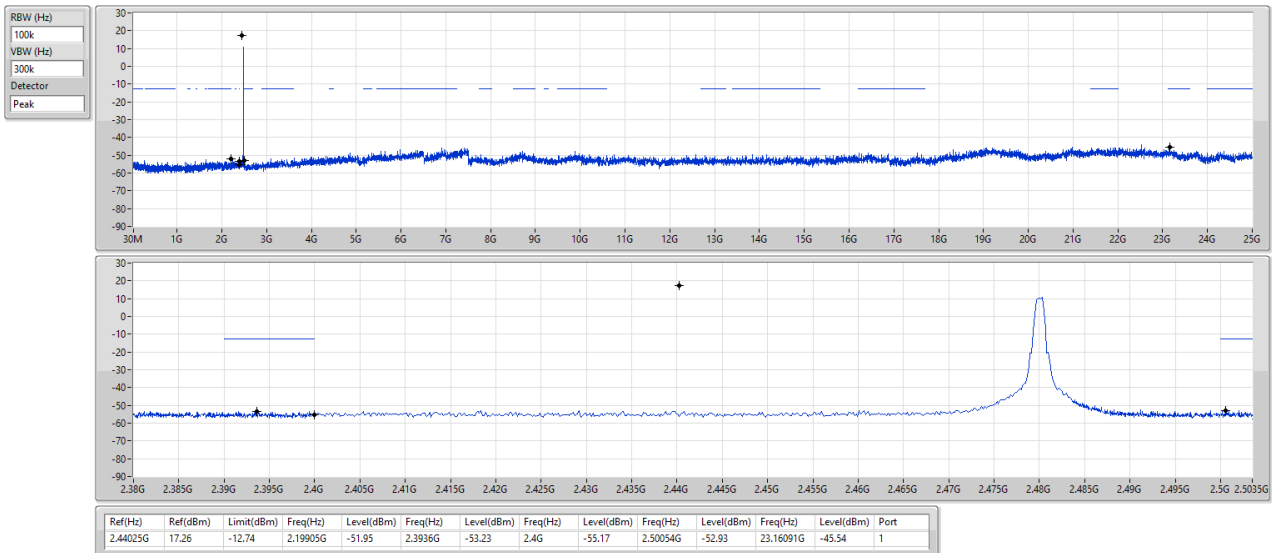


2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

2480MHz

31/07/2026

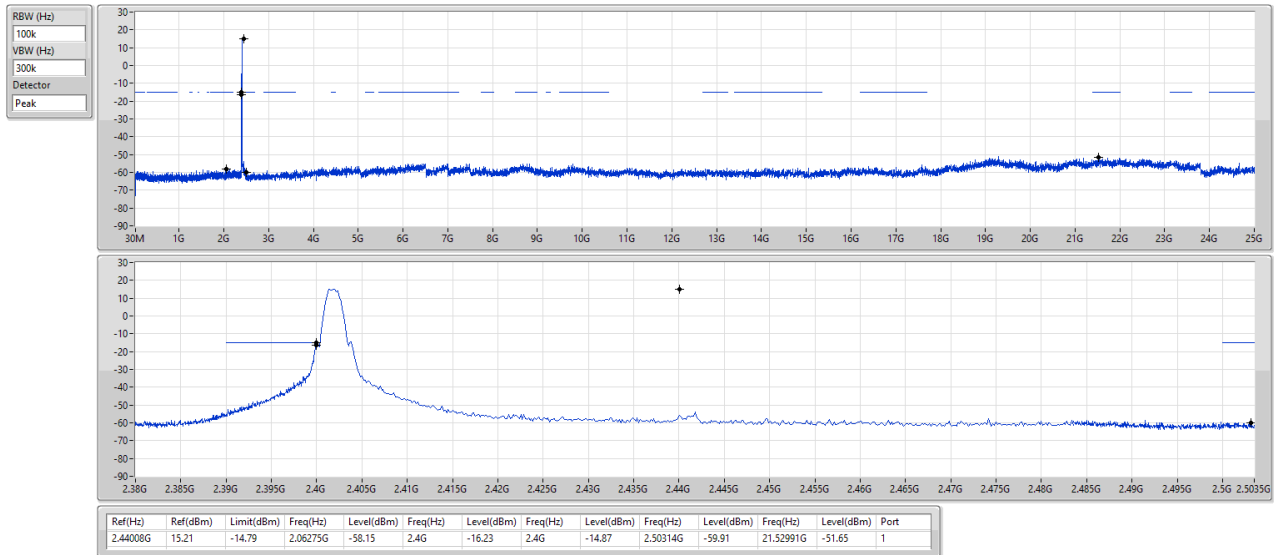


2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2402MHz

31/07/2026

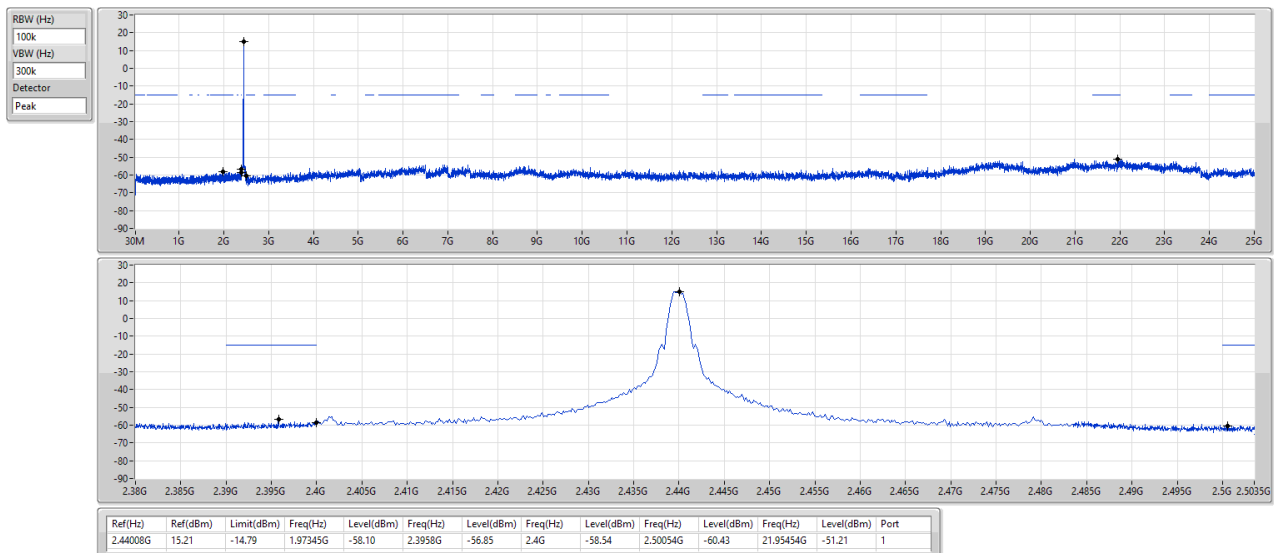


2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2440MHz

31/07/2026

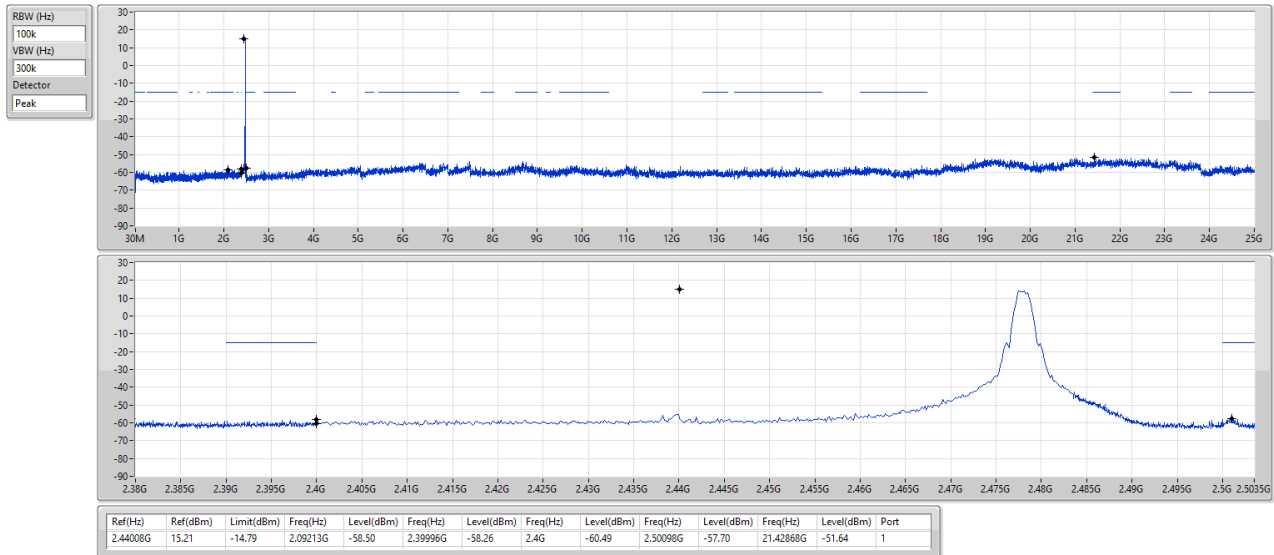


2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2478MHz

31/07/2026

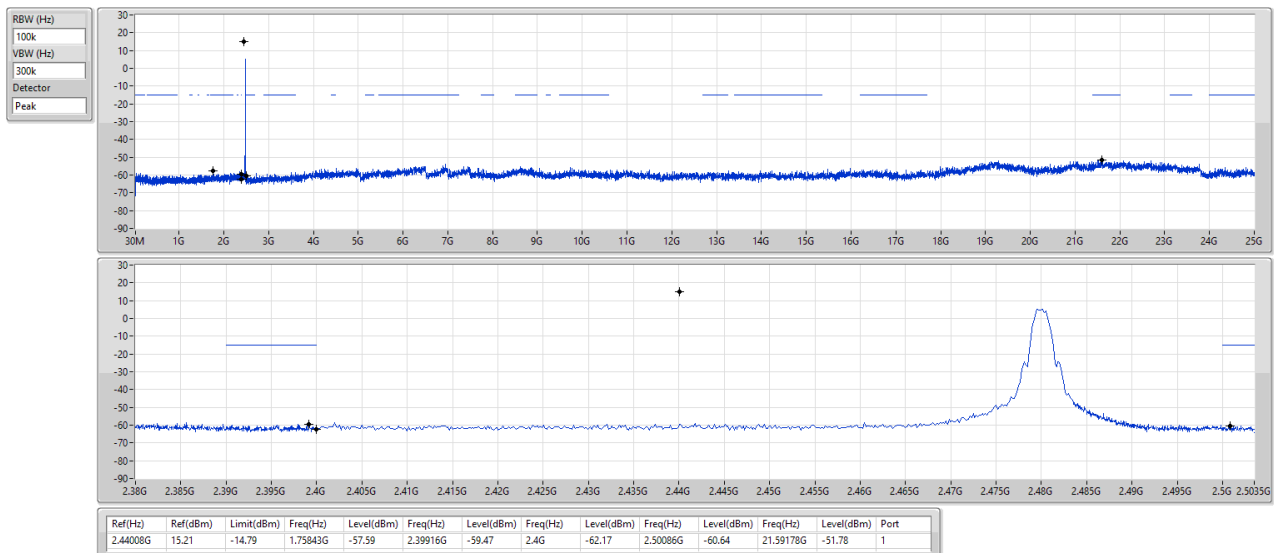


2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2480MHz

31/07/2026





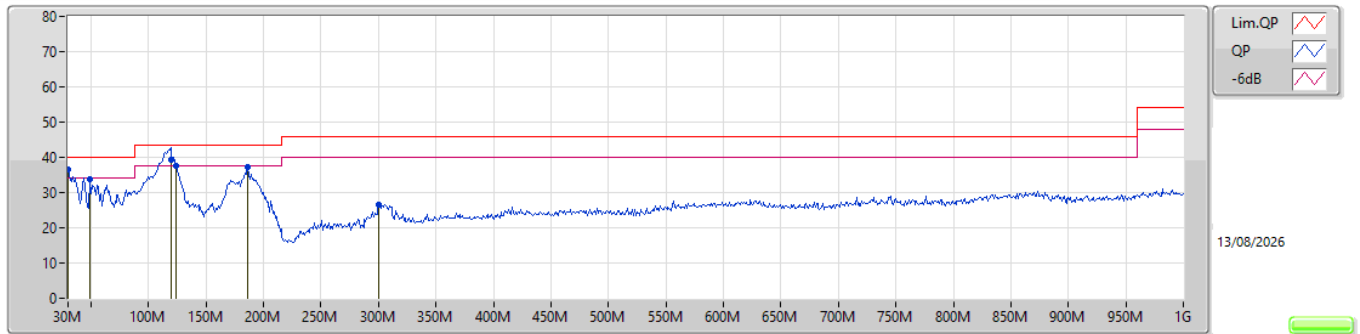
Radiated Emissions below 1GHz

Appendix F.1

Summary

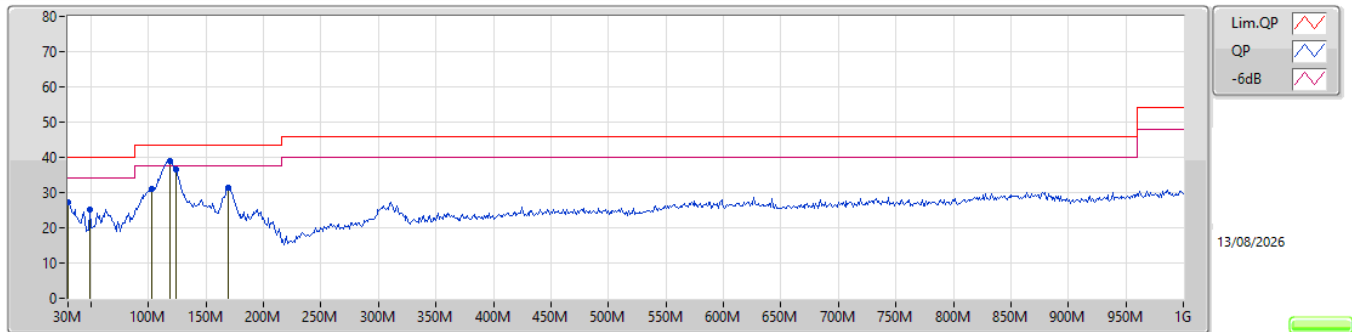
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	PK	30M	36.54	40.00	-3.46	Vertical

Mode 4



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	30M	36.54	40.00	-3.46	-8.13	3	Vertical	208	1.00	"Worst"	44.67	23.03	0.52	31.68		
PK	49.4M	33.83	40.00	-6.17	-16.76	3	Vertical	152	1.50	-	50.59	14.27	0.67	31.70		
QP	119.24M	39.24	43.50	-4.26	-12.90	3	Vertical	184	1.00	-	52.14	17.90	1.05	31.85		
PK	124.09M	37.52	43.50	-5.98	-12.84	3	Vertical	152	1.50	-	50.36	17.95	1.07	31.86		
PK	186.17M	37.17	43.50	-6.33	-15.76	3	Vertical	200	1.00	-	52.93	14.81	1.32	31.89		
PK	300.63M	26.50	46.00	-19.50	-11.23	3	Vertical	178	1.00	-	37.73	19.14	1.71	32.08		

Mode 4



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	30M	27.27	40.00	-12.73	-8.13	3	Horizontal	0	2.00	-	35.40	23.03	0.52	31.68		
PK	49.4M	25.16	40.00	-14.84	-16.76	3	Horizontal	151	2.00	-	41.92	14.27	0.67	31.70		
PK	102.75M	31.19	43.50	-12.31	-13.97	3	Horizontal	95	2.00	-	45.16	17.01	0.97	31.95		
PK	118.27M	39.07	43.50	-4.43	-12.97	3	Horizontal	254	3.00	"Worst"	52.04	17.85	1.04	31.86		
PK	124.09M	36.71	43.50	-6.79	-12.84	3	Horizontal	254	3.00	-	49.55	17.95	1.07	31.86		
PK	169.68M	31.40	43.50	-12.10	-15.23	3	Horizontal	257	1.50	-	46.63	15.45	1.26	31.94		

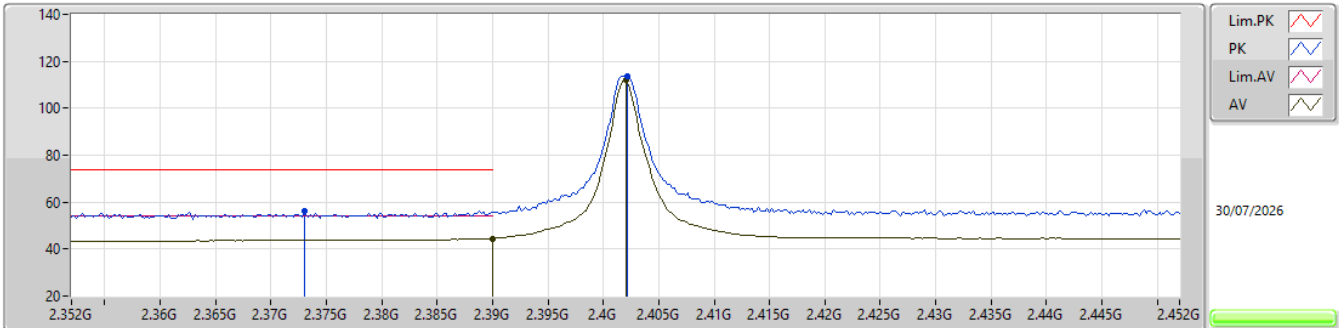


Summary

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(1Mbps)	Pass	AV	2.4835G	53.68	54.00	-0.32	3	Horizontal	311	2.60	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

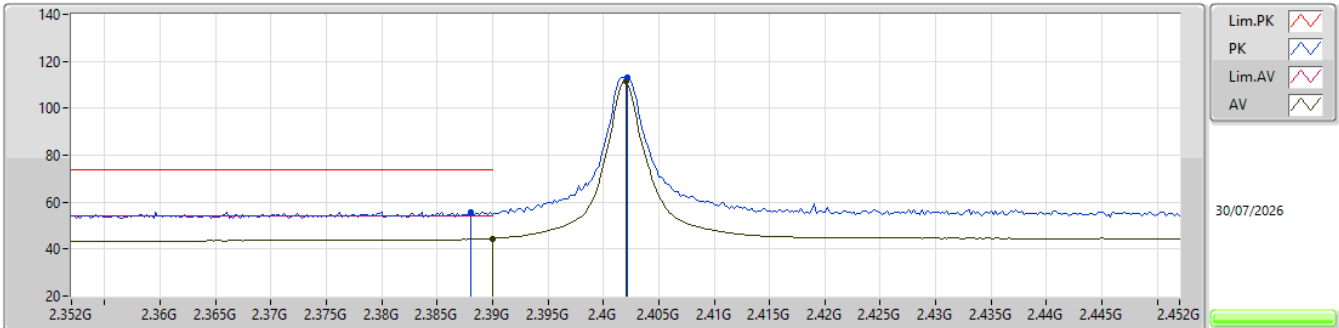


EUT_Y_1TX
Setting 200
05-E-G-5

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	2.373G	56.11	74.00	-17.89	23.83	3	Vertical	92	1.14	-	27.30	4.98	-			
AV	2.39G	44.54	54.00	-9.46	12.24	3	Vertical	92	1.14	-	27.30	5.00	-			
PK	2.402G	113.53	Inf	-Inf	81.20	3	Vertical	92	1.14	-	27.32	5.01	-			
AV	2.402G	112.00	Inf	-Inf	79.67	3	Vertical	92	1.14	-	27.32	5.01	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

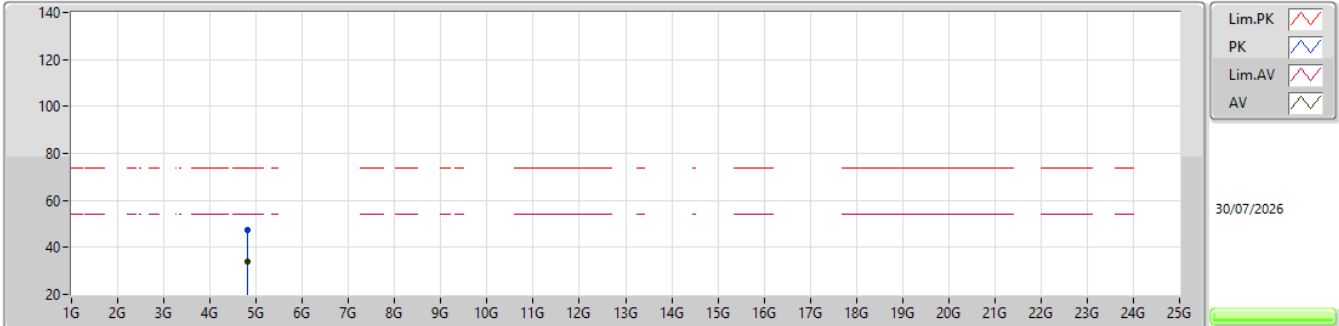


EUT_Y_1TX
Setting 200
05-E-G-5

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	2.388G	55.84	74.00	-18.16	23.54	3	Horizontal	339	2.17	-	27.30	5.00	-			
AV	2.39G	44.47	54.00	-9.53	12.17	3	Horizontal	339	2.17	-	27.30	5.00	-			
PK	2.402G	113.08	Inf	-Inf	80.75	3	Horizontal	339	2.17	-	27.32	5.01	-			
AV	2.402G	111.51	Inf	-Inf	79.18	3	Horizontal	339	2.17	-	27.32	5.01	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

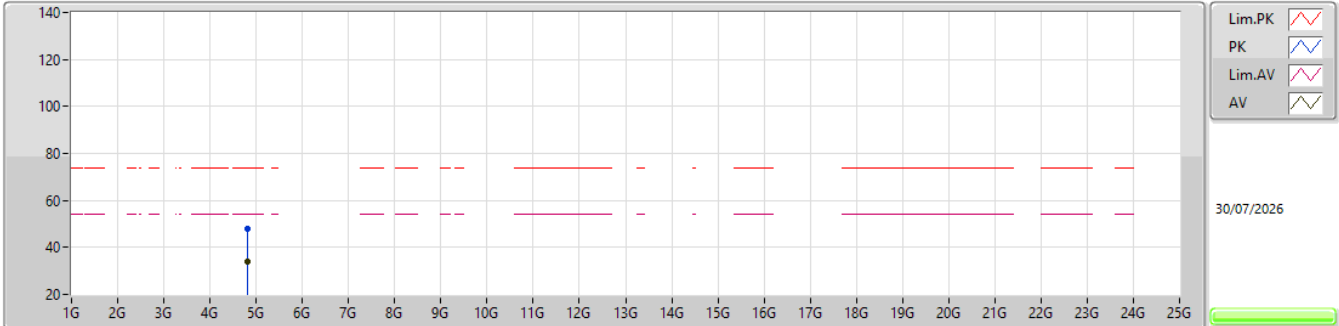


EUT_V_1TX
Setting 200
05-E-G-5

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	4.80196G	47.24	74.00	-26.76	41.87	3	Vertical	9	1.59	-	32.31	8.18	35.12			
AV	4.81852G	34.05	54.00	-19.95	28.57	3	Vertical	9	1.59	-	32.41	8.18	35.11			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

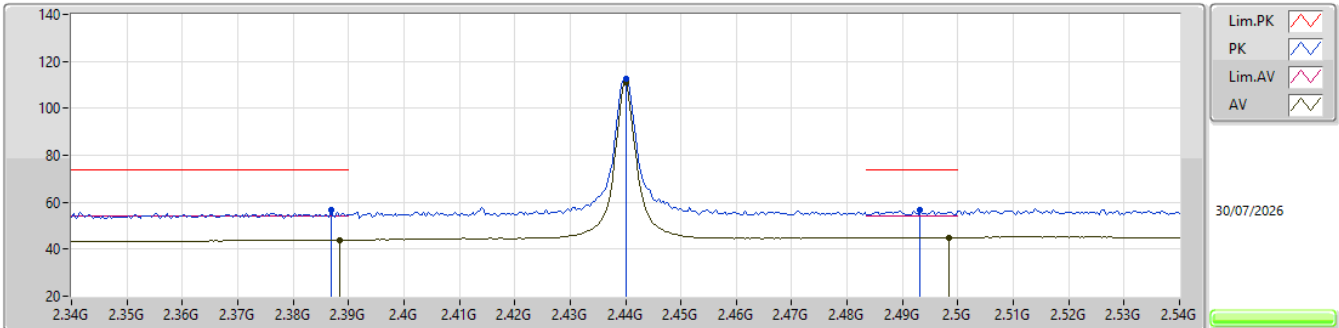


EUT_V_1TX
Setting 200
05-E-G-5

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	4.7995G	47.76	74.00	-26.24	42.40	3	Horizontal	103	1.92	-	32.30	8.18	35.12			
AV	4.80394G	34.22	54.00	-19.78	28.84	3	Horizontal	103	1.92	-	32.32	8.18	35.12			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

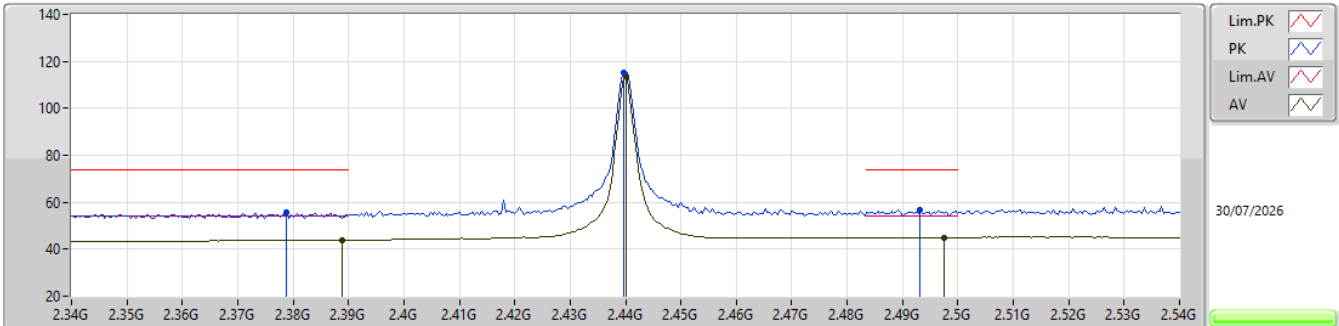


EUT_Y_1TX
Setting 200
05-E-G-5

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	2.3868G	56.62	74.00	-17.38	24.32	3	Vertical	69	1.14	-	27.30	5.00	-				
AV	2.3884G	43.90	54.00	-10.10	11.60	3	Vertical	69	1.14	-	27.30	5.00	-				
PK	2.44G	112.50	Inf	-Inf	79.83	3	Vertical	69	1.14	-	27.60	5.07	-				
AV	2.44G	110.99	Inf	-Inf	78.32	3	Vertical	69	1.14	-	27.60	5.07	-				
PK	2.4932G	56.51	74.00	-17.49	23.44	3	Vertical	69	1.14	-	27.93	5.14	-				
AV	2.4984G	44.97	54.00	-9.03	11.84	3	Vertical	69	1.14	-	27.98	5.15	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

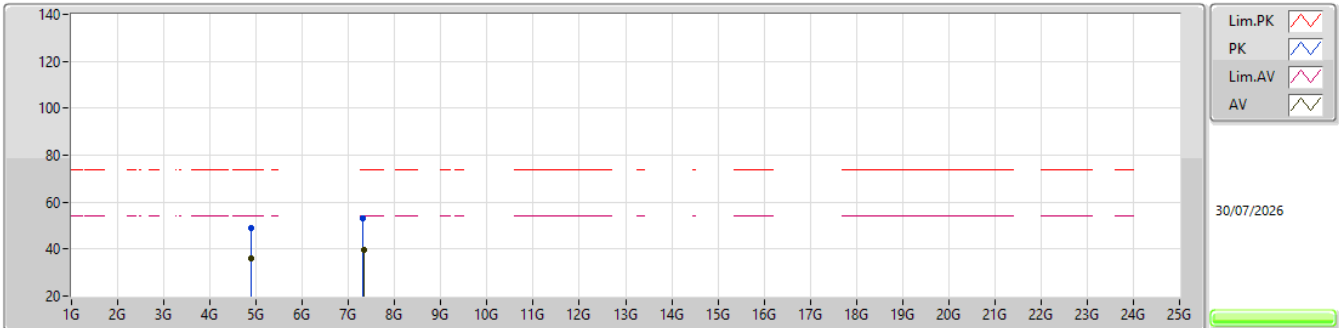


EUT_V_1TX
Setting 200
05-E-G-5

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	2.3788G	55.45	74.00	-18.55	23.16	3	Horizontal	321	2.96	-	27.30	4.99	-			
AV	2.3888G	43.89	54.00	-10.11	11.59	3	Horizontal	321	2.96	-	27.30	5.00	-			
PK	2.4396G	115.38	Inf	-Inf	82.71	3	Horizontal	321	2.96	-	27.60	5.07	-			
AV	2.44G	113.78	Inf	-Inf	81.11	3	Horizontal	321	2.96	-	27.60	5.07	-			
PK	2.4932G	56.74	74.00	-17.26	23.67	3	Horizontal	321	2.96	-	27.93	5.14	-			
AV	2.4976G	45.01	54.00	-8.99	11.88	3	Horizontal	321	2.96	-	27.98	5.15	-			

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

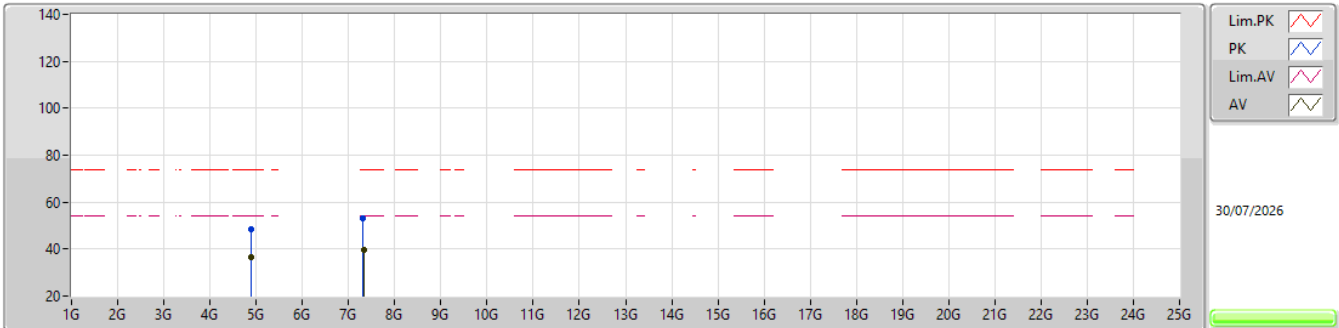


EUT_Y_1TX
Setting 200
05-E-G-5

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	4.88678G	48.81	74.00	-25.19	43.15	3	Vertical	180	1.80	-	32.53	8.18	35.05				
AV	4.88006G	36.16	54.00	-17.84	30.50	3	Vertical	180	1.80	-	32.54	8.18	35.06				
PK	7.31106G	52.92	74.00	-21.08	40.29	3	Vertical	78	1.80	-	36.83	9.69	33.89				
AV	7.33368G	39.69	54.00	-14.31	27.17	3	Vertical	78	1.80	-	36.70	9.71	33.89				

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

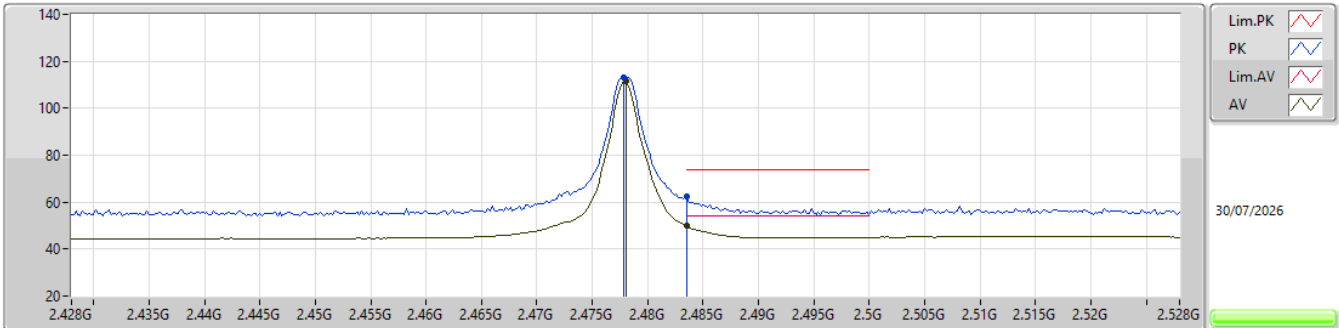


EUT_Y_1TX
Setting 200
05-E-G-5

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	4.87964G	48.33	74.00	-25.67	42.67	3	Horizontal	222	2.93	-	32.54	8.18	35.06				
AV	4.87952G	36.60	54.00	-17.40	30.94	3	Horizontal	222	2.93	-	32.54	8.18	35.06				
PK	7.30938G	53.23	74.00	-20.77	40.59	3	Horizontal	263	1.48	-	36.84	9.69	33.89				
AV	7.3329G	39.58	54.00	-14.42	27.06	3	Horizontal	263	1.48	-	36.70	9.71	33.89				

2.4-2.4835GHz_BT-LE(1Mbps)

2478MHz_TX

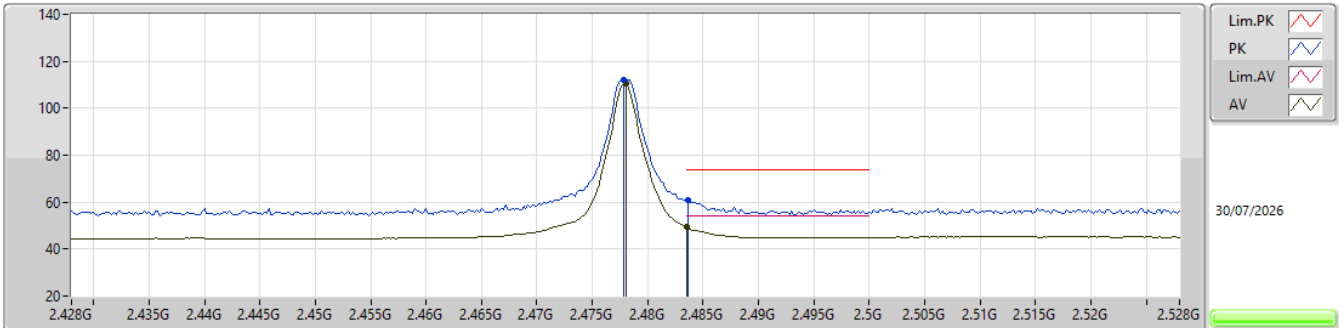


EUT Y_1TX
Setting 200
05-E-G-5

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	2.4778G	113.13	Inf	-Inf	80.13	3	Vertical	102	1.07	-	27.88	5.12	-				
AV	2.478G	111.60	Inf	-Inf	78.60	3	Vertical	102	1.07	-	27.88	5.12	-				
PK	2.4835G	62.56	74.00	-11.44	29.53	3	Vertical	102	1.07	-	27.90	5.13	-				
AV	2.4835G	49.92	54.00	-4.08	16.89	3	Vertical	102	1.07	-	27.90	5.13	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2478MHz_TX

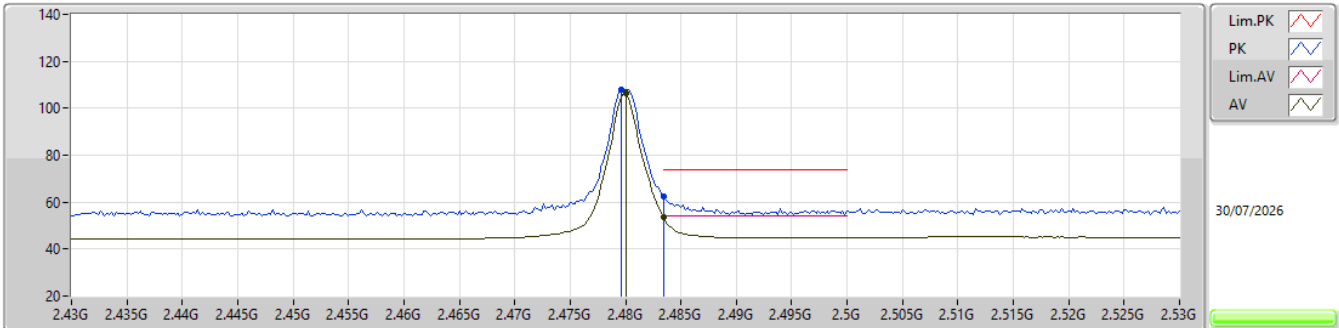


EUT_Y_1TX
Setting 200
05-E-G-5

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	2.4778G	112.31	Inf	-Inf	79.31	3	Horizontal	309	2.64	-	27.88	5.12	-				
AV	2.478G	110.77	Inf	-Inf	77.77	3	Horizontal	309	2.64	-	27.88	5.12	-				
PK	2.4836G	60.63	74.00	-13.37	27.60	3	Horizontal	309	2.64	-	27.90	5.13	-				
AV	2.4835G	49.41	54.00	-4.59	16.38	3	Horizontal	309	2.64	-	27.90	5.13	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

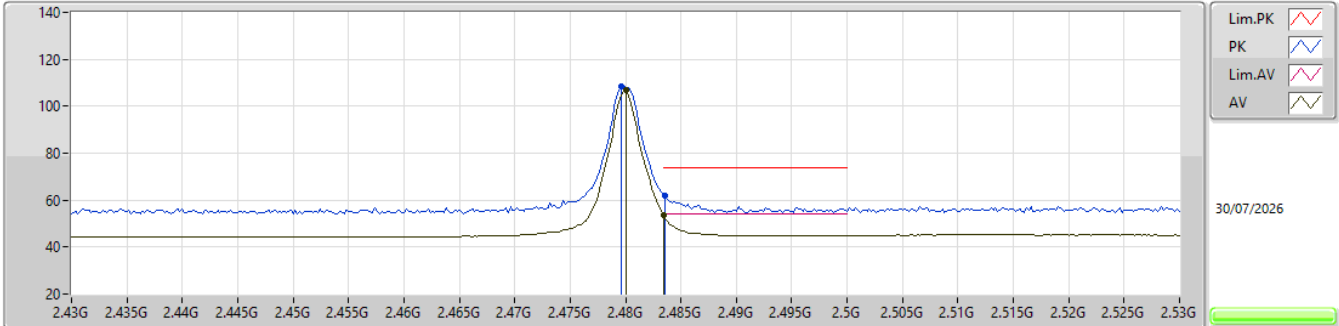


EUT_Y_1TX
Setting 150
05-E-G-5

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	2.4796G	108.06	Inf	-Inf	75.04	3	Vertical	103	1.08	-	27.90	5.12	-				
AV	2.48G	106.49	Inf	-Inf	73.47	3	Vertical	103	1.08	-	27.90	5.12	-				
PK	2.4835G	62.38	74.00	-11.62	29.35	3	Vertical	103	1.08	-	27.90	5.13	-				
AV	2.4835G	53.63	54.00	-0.37	20.60	3	Vertical	103	1.08	-	27.90	5.13	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

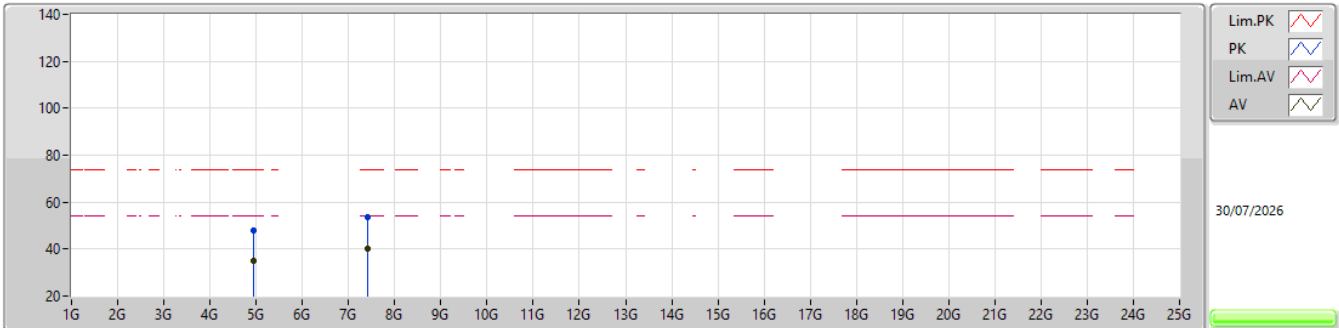


EUT Y_1TX
Setting 150
05-E-G-5

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	2.4796G	108.24	Inf	-Inf	75.22	3	Horizontal	311	2.60	-	27.90	5.12	-				
AV	2.48G	106.65	Inf	-Inf	73.63	3	Horizontal	311	2.60	-	27.90	5.12	-				
PK	2.4836G	62.06	74.00	-11.94	29.03	3	Horizontal	311	2.60	-	27.90	5.13	-				
AV	2.4835G	53.68	54.00	-0.32	20.65	3	Horizontal	311	2.60	-	27.90	5.13	-				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

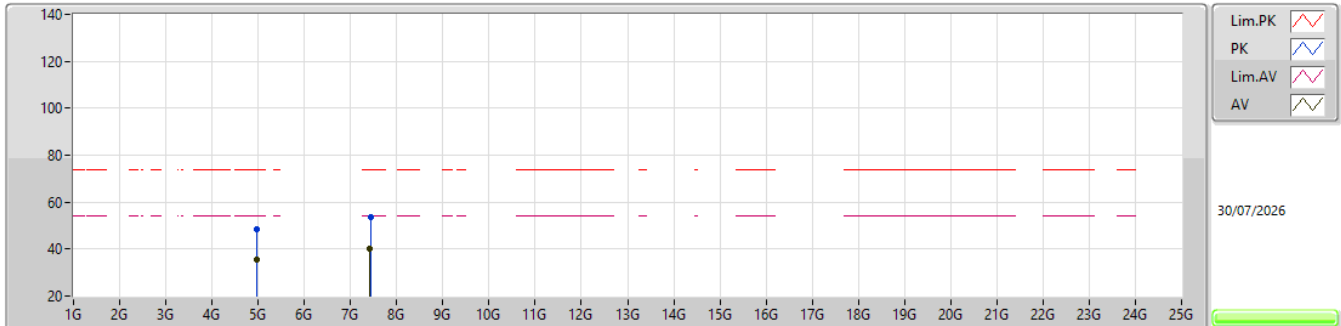


EUT_Y_1TX
Setting 150
05-E-G-5

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	4.95346G	48.07	74.00	-25.93	42.09	3	Vertical	193	1.31	-	32.81	8.17	35.00				
AV	4.95184G	34.94	54.00	-19.06	28.96	3	Vertical	193	1.31	-	32.81	8.17	35.00				
PK	7.4253G	53.60	74.00	-20.40	41.30	3	Vertical	345	1.23	-	36.40	9.78	33.88				
AV	7.42512G	40.21	54.00	-13.79	27.91	3	Vertical	345	1.23	-	36.40	9.78	33.88				

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

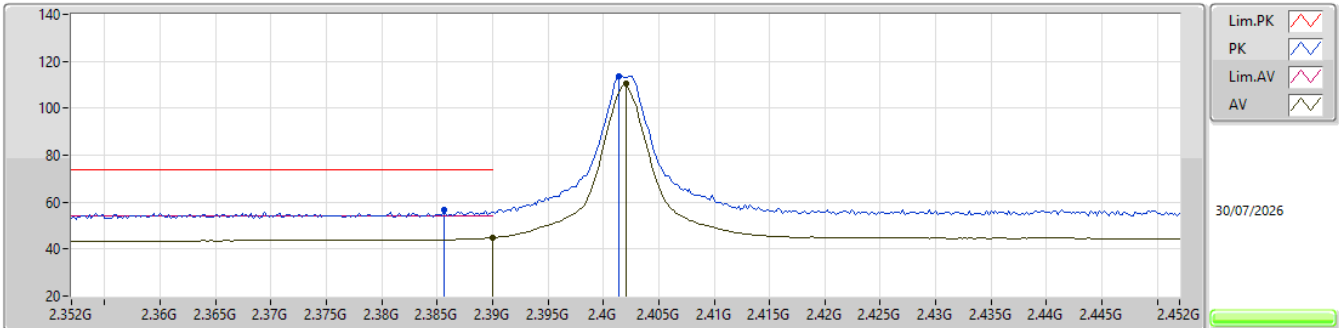


EUT_Y_1TX
Setting 150
05-E-G-5

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	4.95844G	48.31	74.00	-25.69	42.30	3	Horizontal	252	1.18	-	32.83	8.17	34.99			
AV	4.96024G	35.31	54.00	-18.69	29.29	3	Horizontal	252	1.18	-	32.84	8.17	34.99			
PK	7.42884G	53.54	74.00	-20.46	41.25	3	Horizontal	318	1.73	-	36.38	9.79	33.88			
AV	7.4253G	40.23	54.00	-13.77	27.93	3	Horizontal	318	1.73	-	36.40	9.78	33.88			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

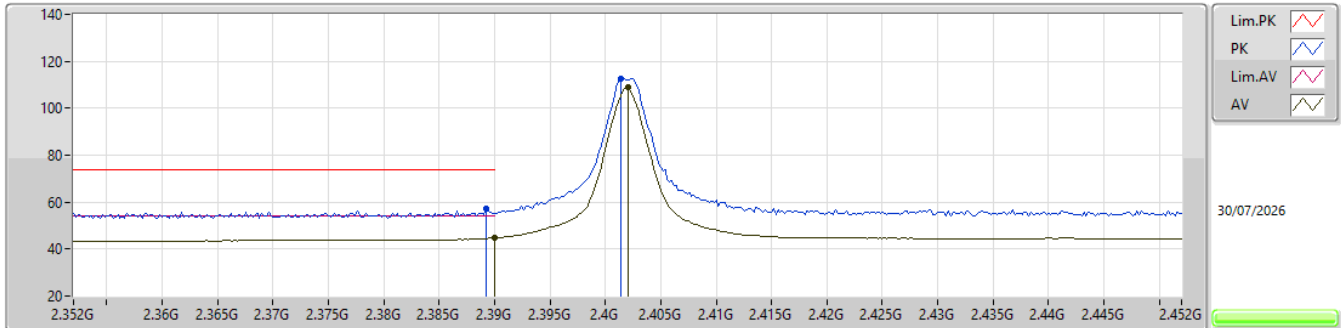


EUT_Y_1TX
Setting 200
05-E-G-5

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	2.3856G	56.68	74.00	-17.32	24.38	3	Vertical	95	1.16	-	27.30	5.00	-			
AV	2.39G	44.82	54.00	-9.18	12.52	3	Vertical	95	1.16	-	27.30	5.00	-			
PK	2.4014G	113.70	Inf	-Inf	81.38	3	Vertical	95	1.16	-	27.31	5.01	-			
AV	2.402G	110.26	Inf	-Inf	77.93	3	Vertical	95	1.16	-	27.32	5.01	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

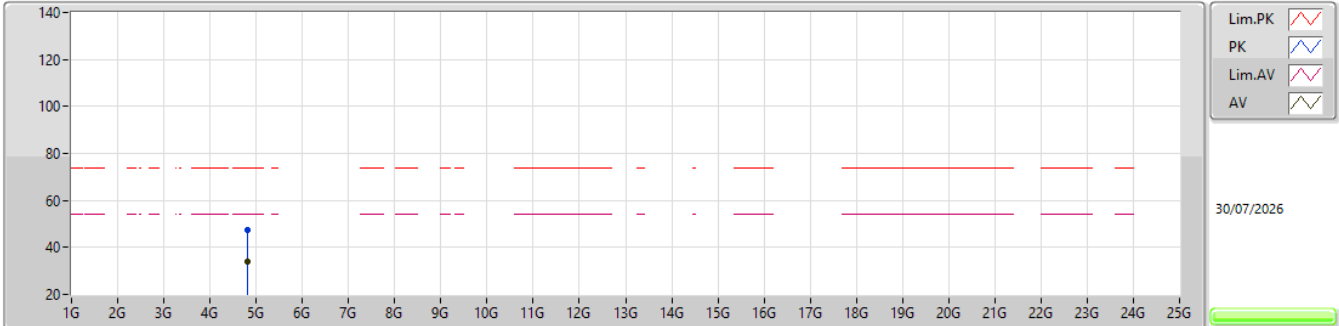


EUT_Y_1TX
Setting 200
05-E-G-5

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	2.3892G	57.27	74.00	-16.73	24.97	3	Horizontal	354	1.71	-	27.30	5.00	-			
AV	2.39G	44.70	54.00	-9.30	12.40	3	Horizontal	354	1.71	-	27.30	5.00	-			
PK	2.4014G	112.52	Inf	-Inf	80.20	3	Horizontal	354	1.71	-	27.31	5.01	-			
AV	2.402G	109.10	Inf	-Inf	76.77	3	Horizontal	354	1.71	-	27.32	5.01	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

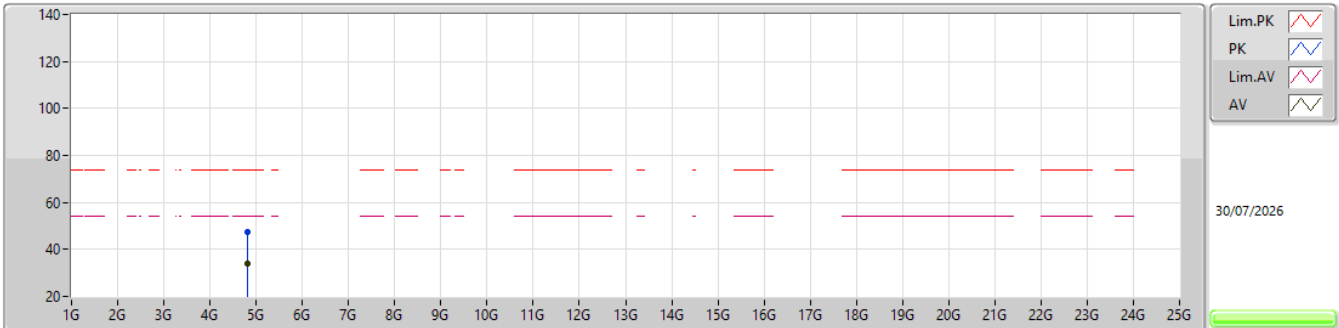


EUT_V_1TX
Setting 200
05-E-G-5

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	4.81432G	47.52	74.00	-26.48	42.06	3	Vertical	226	1.67	-	32.39	8.18	35.11			
AV	4.81738G	34.08	54.00	-19.92	28.61	3	Vertical	226	1.67	-	32.40	8.18	35.11			

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

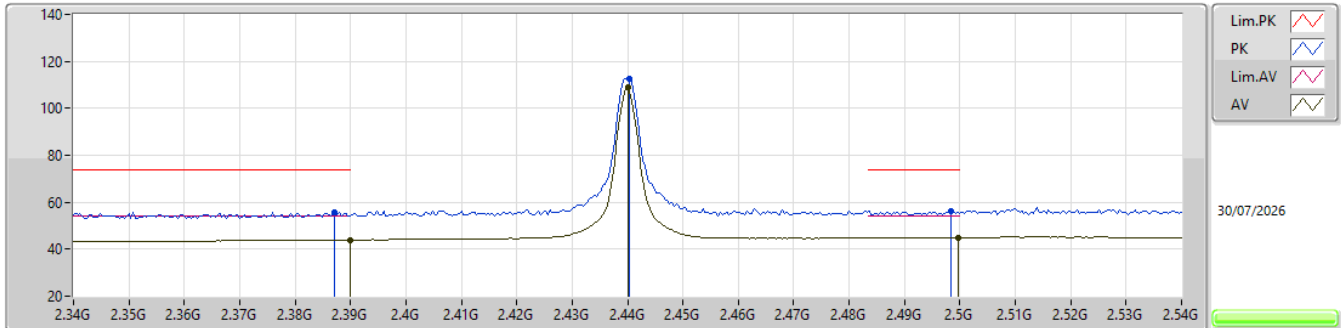


EUT_V_1TX
Setting 200
05-E-G-5

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	4.81348G	47.23	74.00	-26.77	41.78	3	Horizontal	311	2.93	-	32.38	8.18	35.11			
AV	4.81846G	34.06	54.00	-19.94	28.58	3	Horizontal	311	2.93	-	32.41	8.18	35.11			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

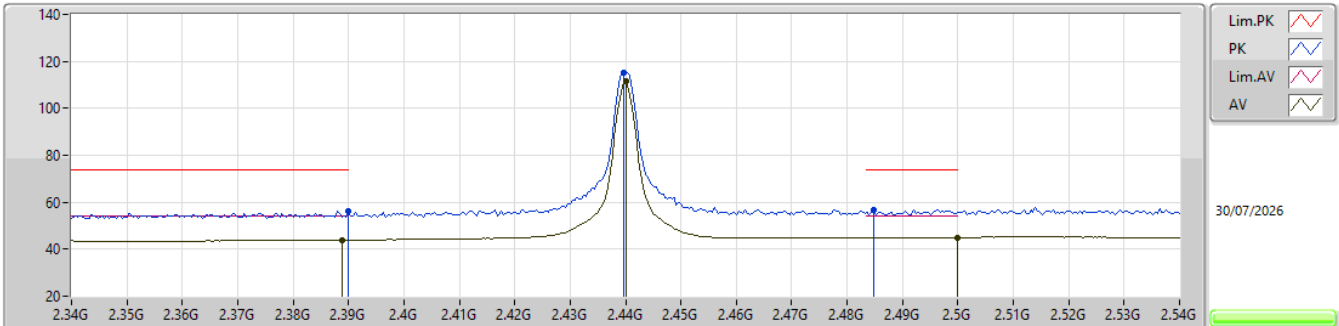


EUT_V_1TX
Setting 200
05-E-G-5

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	2.3872G	55.87	74.00	-18.13	23.57	3	Vertical	66	1.16	-	27.30	5.00	-				
AV	2.39G	43.93	54.00	-10.07	11.63	3	Vertical	66	1.16	-	27.30	5.00	-				
PK	2.4404G	112.46	Inf	-Inf	79.79	3	Vertical	66	1.16	-	27.60	5.07	-				
AV	2.44G	109.00	Inf	-Inf	76.33	3	Vertical	66	1.16	-	27.60	5.07	-				
PK	2.4984G	56.03	74.00	-17.97	22.90	3	Vertical	66	1.16	-	27.98	5.15	-				
AV	2.4996G	44.94	54.00	-9.06	11.79	3	Vertical	66	1.16	-	28.00	5.15	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

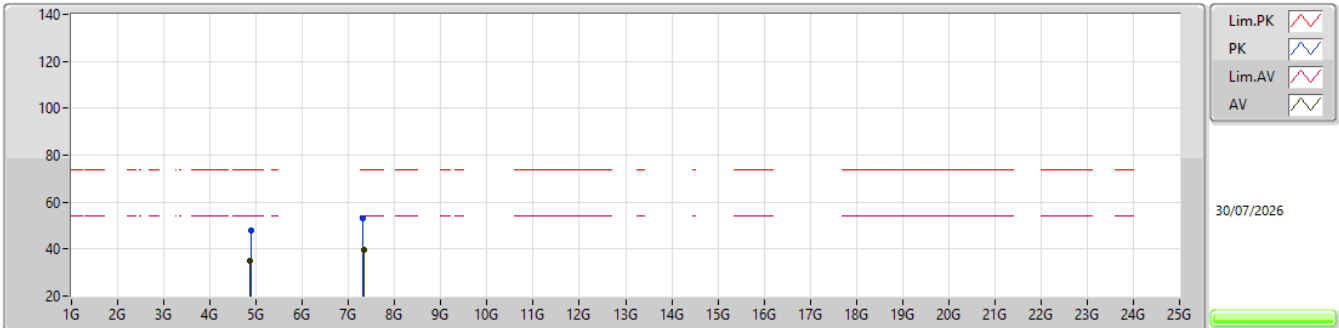


EUT_V_1TX
Setting 200
05-E-G-5

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	2.39G	56.33	74.00	-17.67	24.03	3	Horizontal	321	2.97	-	27.30	5.00	-			
AV	2.3888G	43.96	54.00	-10.04	11.66	3	Horizontal	321	2.97	-	27.30	5.00	-			
PK	2.4396G	115.25	Inf	-Inf	82.58	3	Horizontal	321	2.97	-	27.60	5.07	-			
AV	2.44G	111.74	Inf	-Inf	79.07	3	Horizontal	321	2.97	-	27.60	5.07	-			
PK	2.4848G	56.92	74.00	-17.08	23.89	3	Horizontal	321	2.97	-	27.90	5.13	-			
AV	2.5G	45.03	54.00	-8.97	11.88	3	Horizontal	321	2.97	-	28.00	5.15	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

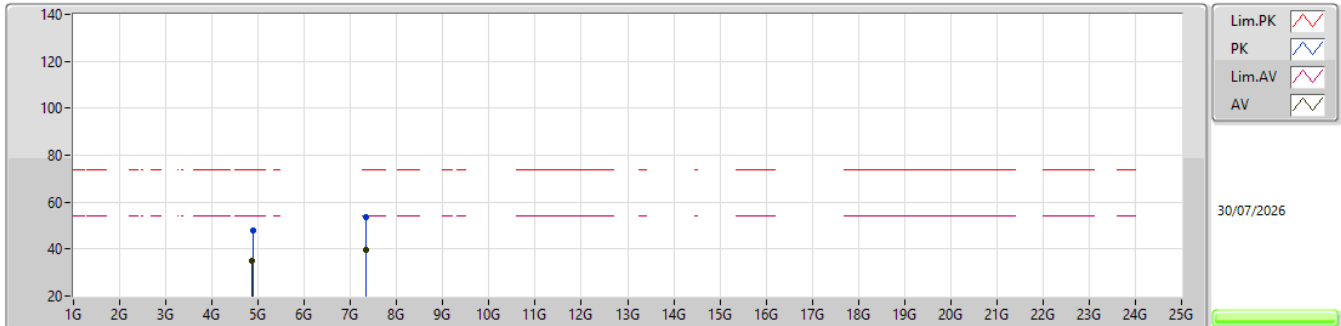


EUT_Y_1TX
Setting 200
05-E-G-5

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	4.88624G	47.91	74.00	-26.09	42.25	3	Vertical	91	1.24	-	32.53	8.18	35.05				
AV	4.86758G	34.82	54.00	-19.18	29.15	3	Vertical	91	1.24	-	32.56	8.18	35.07				
PK	7.31064G	52.91	74.00	-21.09	40.27	3	Vertical	80	1.04	-	36.84	9.69	33.89				
AV	7.33482G	39.65	54.00	-14.35	27.14	3	Vertical	80	1.04	-	36.69	9.71	33.89				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

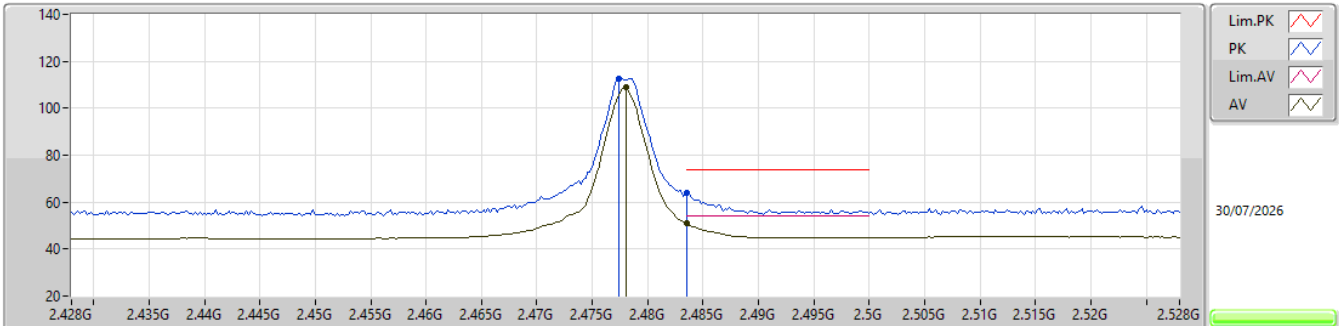


EUT_Y_1TX
Setting 200
05-E-G-5

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	4.89104G	47.97	74.00	-26.03	42.32	3	Horizontal	236	2.83	-	32.52	8.18	35.05				
AV	4.86908G	34.79	54.00	-19.21	29.12	3	Horizontal	236	2.83	-	32.56	8.18	35.07				
PK	7.33368G	53.37	74.00	-20.63	40.85	3	Horizontal	236	1.07	-	36.70	9.71	33.89				
AV	7.33428G	39.58	54.00	-14.42	27.07	3	Horizontal	236	1.07	-	36.69	9.71	33.89				

2.4-2.4835GHz_BT-LE(2Mbps)

2478MHz_TX

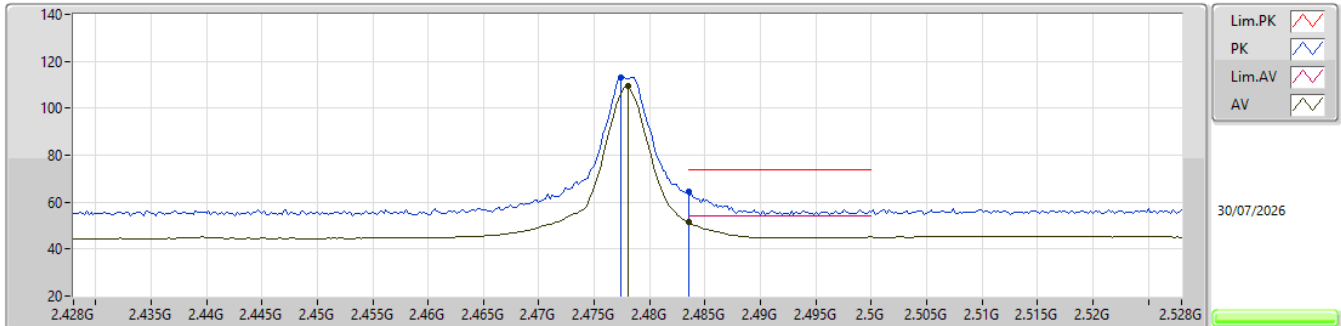


EUT_Y_1TX
Setting 200
05-E-G-5

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	2.4774G	112.72	Inf	-Inf	79.73	3	Vertical	104	1.09	-	27.87	5.12	-			
AV	2.478G	109.22	Inf	-Inf	76.22	3	Vertical	104	1.09	-	27.88	5.12	-			
PK	2.4835G	63.83	74.00	-10.17	30.80	3	Vertical	104	1.09	-	27.90	5.13	-			
AV	2.4835G	51.09	54.00	-2.91	18.06	3	Vertical	104	1.09	-	27.90	5.13	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2478MHz_TX

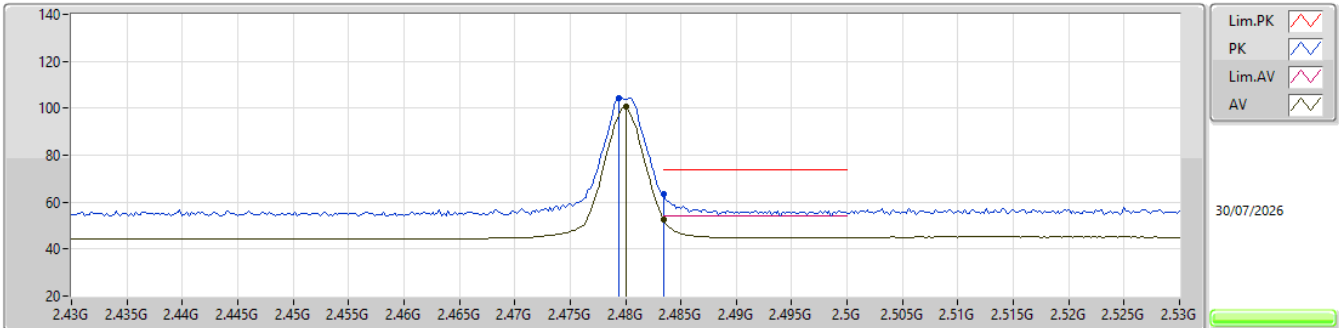


EUT_Y_1TX
Setting 200
05-E-G-5

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	2.4774G	113.21	Inf	-Inf	80.22	3	Horizontal	321	2.61	-	27.87	5.12	-			
AV	2.478G	109.72	Inf	-Inf	76.72	3	Horizontal	321	2.61	-	27.88	5.12	-			
PK	2.4835G	64.47	74.00	-9.53	31.44	3	Horizontal	321	2.61	-	27.90	5.13	-			
AV	2.4835G	51.66	54.00	-2.34	18.63	3	Horizontal	321	2.61	-	27.90	5.13	-			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

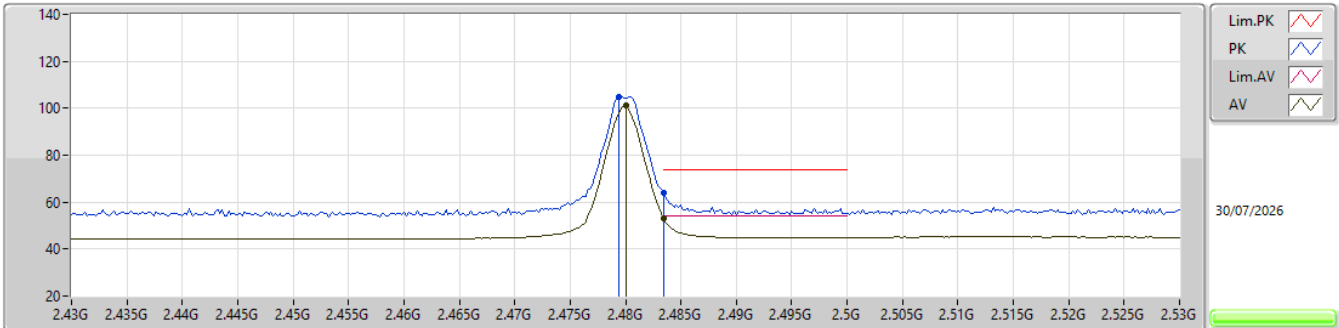


EUT Y_1TX
Setting 120
05-E-G-5

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	2.4794G	104.37	Inf	-Inf	71.36	3	Vertical	104	1.07	-	27.89	5.12	-				
AV	2.48G	100.78	Inf	-Inf	67.76	3	Vertical	104	1.07	-	27.90	5.12	-				
PK	2.4835G	63.26	74.00	-10.74	30.23	3	Vertical	104	1.07	-	27.90	5.13	-				
AV	2.4835G	52.70	54.00	-1.30	19.67	3	Vertical	104	1.07	-	27.90	5.13	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

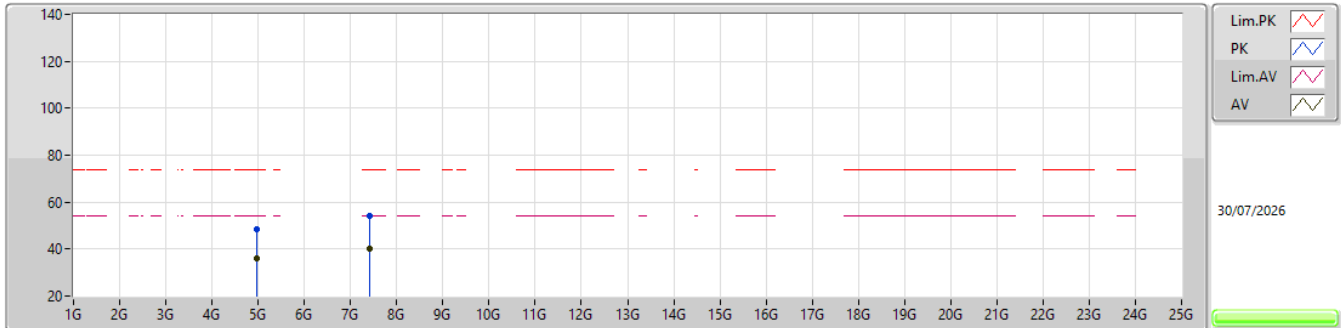


EUT Y_1TX
Setting 120
05-E-G-5

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	2.4794G	104.90	Inf	-Inf	71.89	3	Horizontal	321	2.62	-	27.89	5.12	-				
AV	2.48G	101.32	Inf	-Inf	68.30	3	Horizontal	321	2.62	-	27.90	5.12	-				
PK	2.4835G	63.72	74.00	-10.28	30.69	3	Horizontal	321	2.62	-	27.90	5.13	-				
AV	2.4835G	53.19	54.00	-0.81	20.16	3	Horizontal	321	2.62	-	27.90	5.13	-				

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

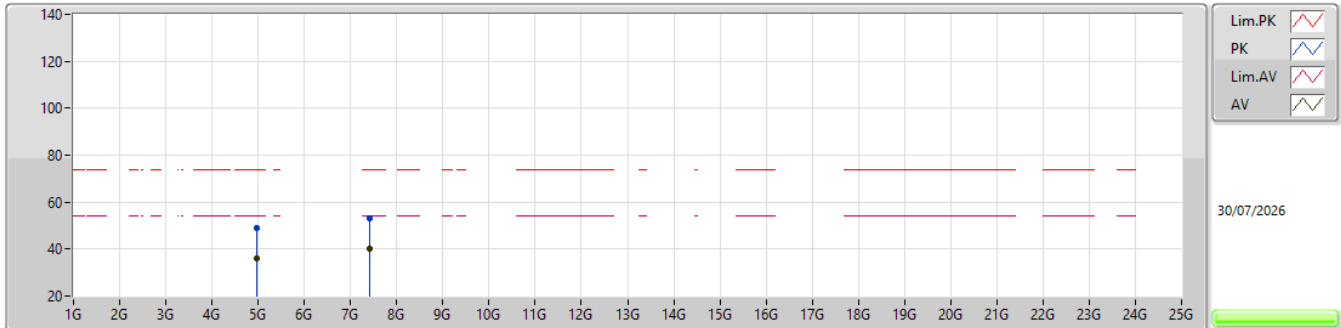


EUT_Y_1TX
Setting 120
05-E-G-5

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	4.96348G	48.58	74.00	-25.42	42.55	3	Vertical	233	2.25	-	32.85	8.17	34.99			
AV	4.96066G	36.19	54.00	-17.81	30.17	3	Vertical	233	2.25	-	32.84	8.17	34.99			
PK	7.42524G	54.13	74.00	-19.87	41.83	3	Vertical	106	2.23	-	36.40	9.78	33.88			
AV	7.42518G	40.28	54.00	-13.72	27.98	3	Vertical	106	2.23	-	36.40	9.78	33.88			

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT_Y_1TX
Setting 120
05-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	4.95952G	49.02	74.00	-24.98	43.00	3	Horizontal	179	1.80	-	32.84	8.17	34.99			
AV	4.96072G	36.10	54.00	-17.90	30.08	3	Horizontal	179	1.80	-	32.84	8.17	34.99			
PK	7.42596G	52.97	74.00	-21.03	40.67	3	Horizontal	60	1.31	-	36.40	9.78	33.88			
AV	7.4253G	40.28	54.00	-13.72	27.98	3	Horizontal	60	1.31	-	36.40	9.78	33.88			