



RADIO TEST REPORT

FCC ID : 2BXL5-ARIA3629

Equipment : WiFi7 Tri-band Router W/SFP+ Cage and VoIP,
WiFi7 Tri-band Router,
WiFi7 Tri-band Router with VoIP,
WiFi7 Tri-band Router W/SFP+ Cage

Brand Name : Hitron

Model Name : ARIA3629, ARIA3625, ARIA3625V, ARIA3625V-XPL,
ARIA3626

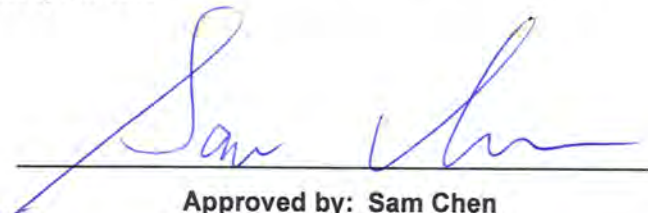
Applicant : Hitron Technologies Americas, Inc.
9000 E Nichols Ave, Suite 103 Centennial, CO
80112 USA

Manufacturer : Hitron Technologies Inc.
No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park,
Hsinchu 30078, Taiwan

Standard : 47 CFR FCC Part 15.247

The product was received on Jul. 07, 2026, and testing was started from Aug. 04, 2026 and completed on Sep. 09, 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:

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: Vicky Huang**



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(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	Modes of Operation	Gain (dBi)
1	1	PSA	EmP344c-B-I75(R)	Dipole	I-PEX	WLAN 2.4GHz + WLAN 5GHz	Note 1
2	2	PSA	EmP379a-B-I75(G)	Dipole	I-PEX	WLAN 2.4GHz + WLAN 5GHz	
3	3	PSA	EmP344e-B-I85(Y)	Dipole	I-PEX	WLAN 2.4GHz + WLAN 5GHz	
4	4	PSA	EmP344d-B-I130(W)	Dipole	I-PEX	WLAN 2.4GHz + WLAN 5GHz	
5	1	PSA	EmP630b-B-I130(B)	Dipole	I-PEX	WLAN 6GHz	
6	2	PSA	EmP630a-B-I95(Br)	Dipole	I-PEX	WLAN 6GHz	
7	3	PSA	EmP630c-B-I90(Gr)	Dipole	I-PEX	WLAN 6GHz	
8	4	PSA	EmP630d-B-I60(BI)	Dipole	I-PEX	WLAN 6GHz	
9	1	PSA	EmP171-B-I150(G)	Dipole	I-PEX	Bluetooth	

Note 1:

Ant.	Antenna Gain (dBi)									
	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz				BT
		5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
1	4.34	3.18	2.93	5.07	4.25	-	-	-	-	-
2	3.08	4.92	3.91	3.58	3.43	-	-	-	-	-
3	5	4.96	4.25	5.8	5.32	-	-	-	-	-
4	5.01	2.8	2.97	3.87	3.64	-	-	-	-	-
5	-	-	-	-	-	6.17	6.76	5.33	5.89	-
6	-	-	-	-	-	5.3	4.57	4.78	6.56	-
7	-	-	-	-	-	4.29	4.27	4.99	4.76	-
8	-	-	-	-	-	5.26	4.73	5.38	4.91	-
9	-	-	-	-	-	-	-	-	-	4.53

Directional Gain (dBi)				
Item	WLAN 2.4GHz			
	2.45GHz			
4T1S	6.17			
4T2S	5.01			
4T4S	5.01			
Item	WLAN 5GHz UNII 1-3			
	5.2GHz	5.3GHz	5.6GHz	5.785GHz
4T1S	5.26	5.1	5.8	5.32
4T2S	4.96	4.25	5.8	5.32
4T4S	4.96	4.25	5.8	5.32
Item	WLAN 6GHz UNII 5-8			
	6.175GHz	6.475GHz	6.695GHz	6.995GHz
4T1S	8.08	8.36	8.34	7.86
4T2S	6.17	6.76	5.38	6.56
4T4S	6.17	6.76	5.38	6.56

Note 2: The above information (excepting WLAN 2.4GH, 5GHz, 6GHz antenna gain and WLAN 2.4GH, 5GHz, 6GHz directional gain) was declared by manufacturer.

For WLAN 2.4GH, 5GHz, 6GHz Maximum Directional Gain following KDB662911 D03.

Note 3:

For 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax/be (4TX/4RX):

Port 1~Port 4 can be used as transmitting/receiving antenna.

Port 1~Port 4 could transmit/receive simultaneously

For 5GHz function:

For IEEE 802.11a/n/ac/ax/be (4TX/4RX):

Port 1~Port 4 can be used as transmitting/receiving antenna.

Port 1~Port 4 could transmit/receive simultaneously

For 6GHz function:

For IEEE 802.11a/ax/be/ (4TX/4RX):

Port 1~Port 4 can be used as transmitting/receiving antenna.

Port 1~Port 4 could transmit/receive simultaneously

For Bluetooth function (1TX/1RX):

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-LE(1Mbps)	0.147	8.33	419.375u	3k
BT-LE(2Mbps)	0.084	10.76	210.625u	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	Non_Signaling_Test V1.8			
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 Equipment Names/model names in the following table are all refer to the identical product

Equipment Name	Model Name	Phone Port	SFP+ Cage	Braille	Service Provider
WiFi7 Tri-band Router W/SFP+ Cage and VoIP	ARIA3629	2	1	Not Supported	Other than the service provider, Explore
WiFi7 Tri-band Router	ARIA3625	0	0	Not Supported	Other than the service provider, Explore
WiFi7 Tri-band Router with VoIP	ARIA3625V	2	0	Supported	Other than the service provider, Explore
	ARIA3625V-XPL				For the service provider: Explore
WiFi7 Tri-band Router W/SFP+ Cage	ARIA3626	0	1	Not Supported	Other than the service provider, Explore

Note 1: From the above models, model: ARIA3629 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.



1.2 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 ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Ederson Huang	22.1~25.4 / 62	Aug. 04, 2026~ Sep. 09, 2026
Radiated < 1GHz	03CH04-CB	Stim Sung	24.9~25.0 / 55~56	Aug. 06, 2026~ Aug. 24, 2026
Radiated > 1GHz (Cabinet)	03CH02-CB	Paul Hu	24.2~24.4 / 62~63	Aug. 06, 2026~ Aug. 24, 2026
AC Conduction	CO02-CB	Tim Chen	22~23 / 53~54	Aug. 28, 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



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 + WLAN 2.4GHz + Adapter 1
2	EUT + WLAN 2.4GHz + Adapter 2
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 ~ 5 will follow this same test mode.	
3	EUT + Bluetooth + Adapter 2
4	EUT + WLAN 5GHz + Adapter 2
5	EUT + WLAN 6GHz + Adapter 2
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands Emissions in 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 + WLAN 2.4GHz + Adapter 1
2	EUT in Y axis + WLAN 2.4GHz + Adapter 2
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 ~ 5 will follow this same test mode.	
3	EUT in Y axis + Bluetooth + Adapter 1
4	EUT in Y axis + WLAN 5GHz + Adapter 1
5	EUT in Y axis + WLAN 6GHz + Adapter 1
For operating mode 5 is the worst case and it was record in this test report.	



Operating Mode > 1GHz	CTX (Cabinet)
	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

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 + WLAN 6GHz
Refer to Sporton Test Report No.: FA640908 for Co-location RF Exposure Evaluation.	

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	FRECOM	F48L1-120400SPAU	INPUT: 100-240V ~ 50/60Hz, 1.4A OUTPUT: 12.0V, 4.0A, 48.0W
Adapter 2	MOSO	MS-V4000R120-050A0-US	INPUT: 100-240V ~ 50/60Hz, 1.3A max. OUTPUT: 12.0V, 4.0A
Other			
RJ-45 cable*1: Shielded, 1.5m			

2.5 Support Equipment

For AC Conduction: N/A

For Radiated (below 1GHz) and Radiated (above 1GHz cabinet):

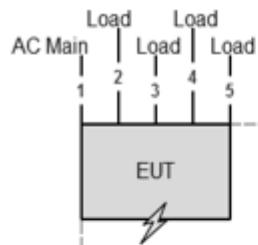
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	Lenovo	L440	N/A

For RF Conducted:

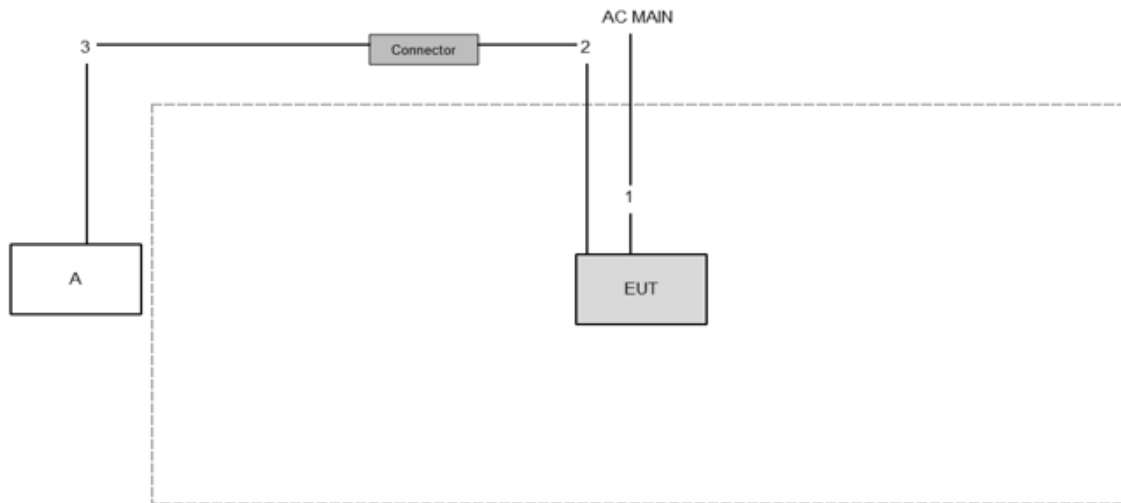
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Cat5e RJ-45 cable*2	No	1m
3	Cat6 RJ-45 cable	No	1m
4	Cat6A RJ-45 cable	Yes	1.5m
5	RJ-11 cable*2	No	1m

Test Setup Diagram - Radiated Test < 1GHz and Radiated > 1GHz (Cabinet)


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	Yes	1.5m
3	RJ-45 cable	No	10m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

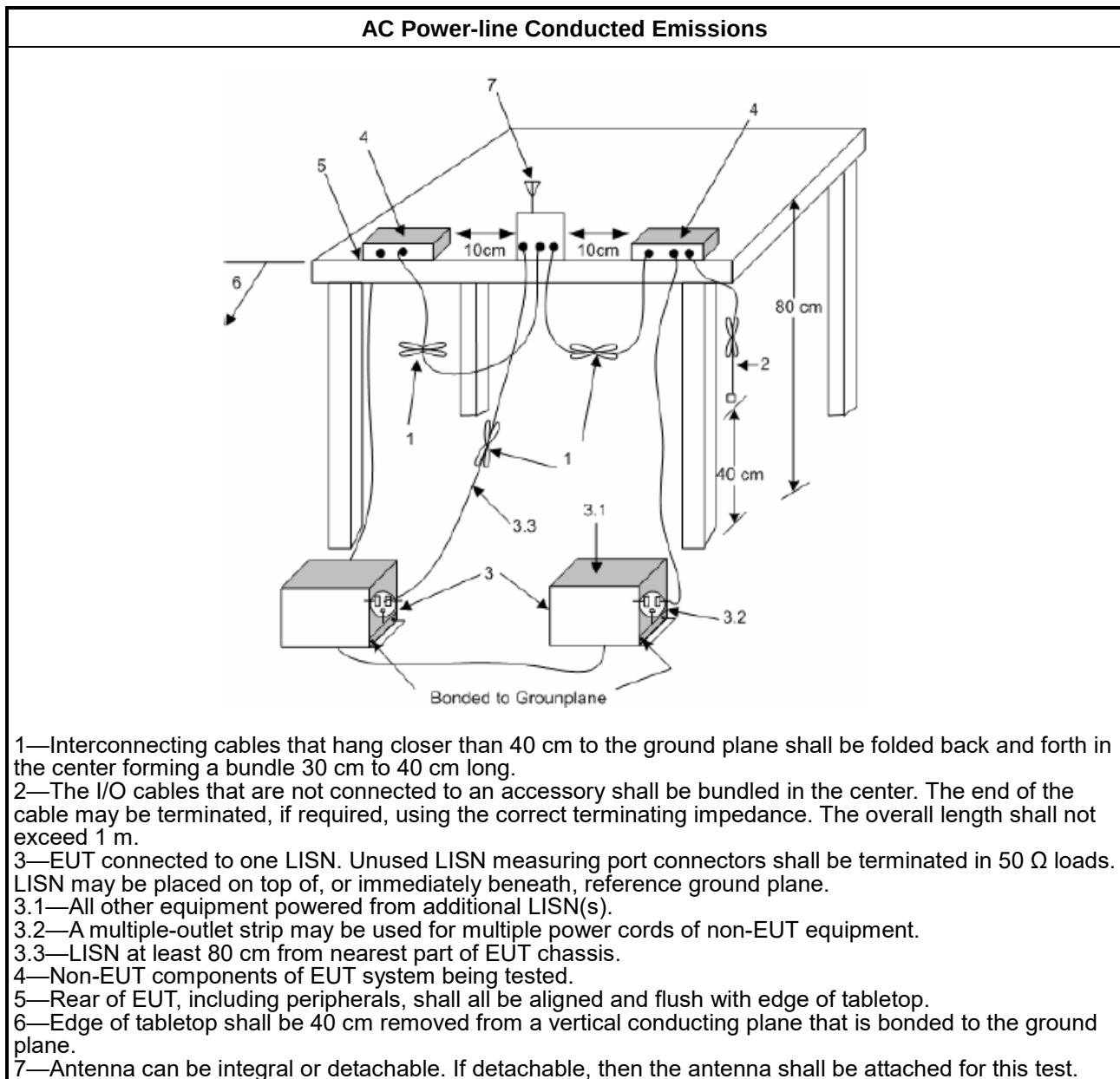
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2020, 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.

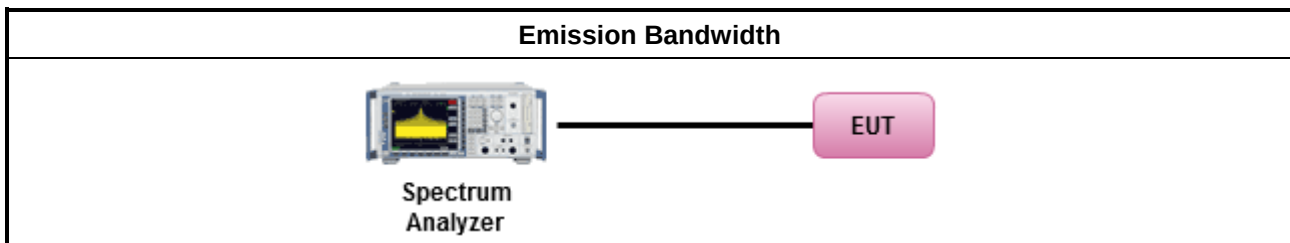
3.2.2 Measuring Instruments

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.	

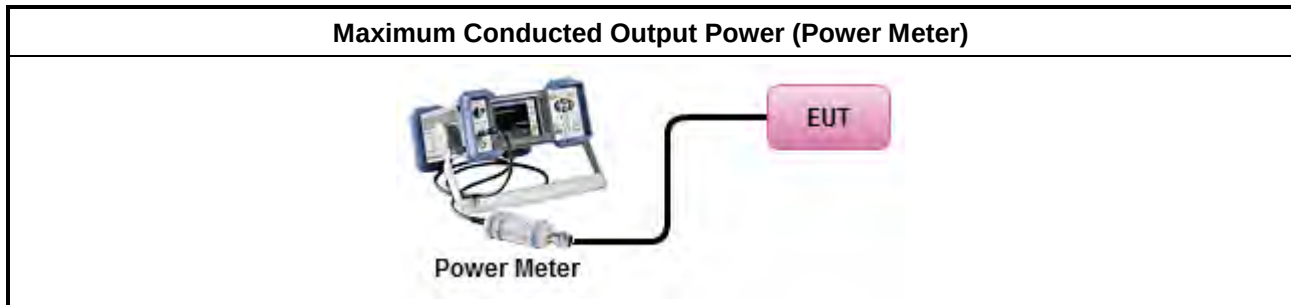
3.3.2 Measuring Instruments

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

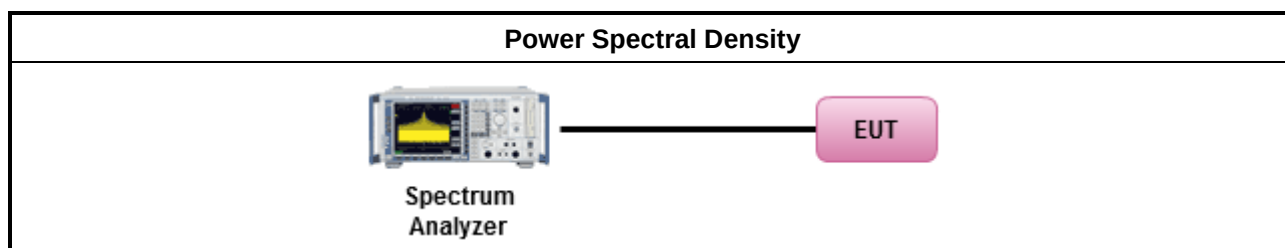
3.4.2 Measuring Instruments

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.	

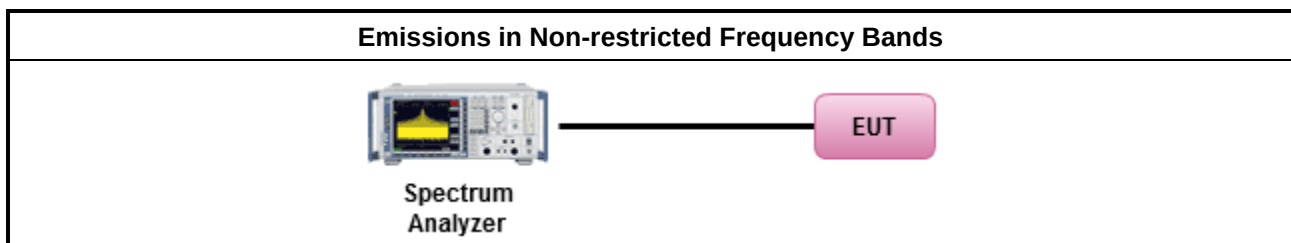
3.5.2 Measuring Instruments

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

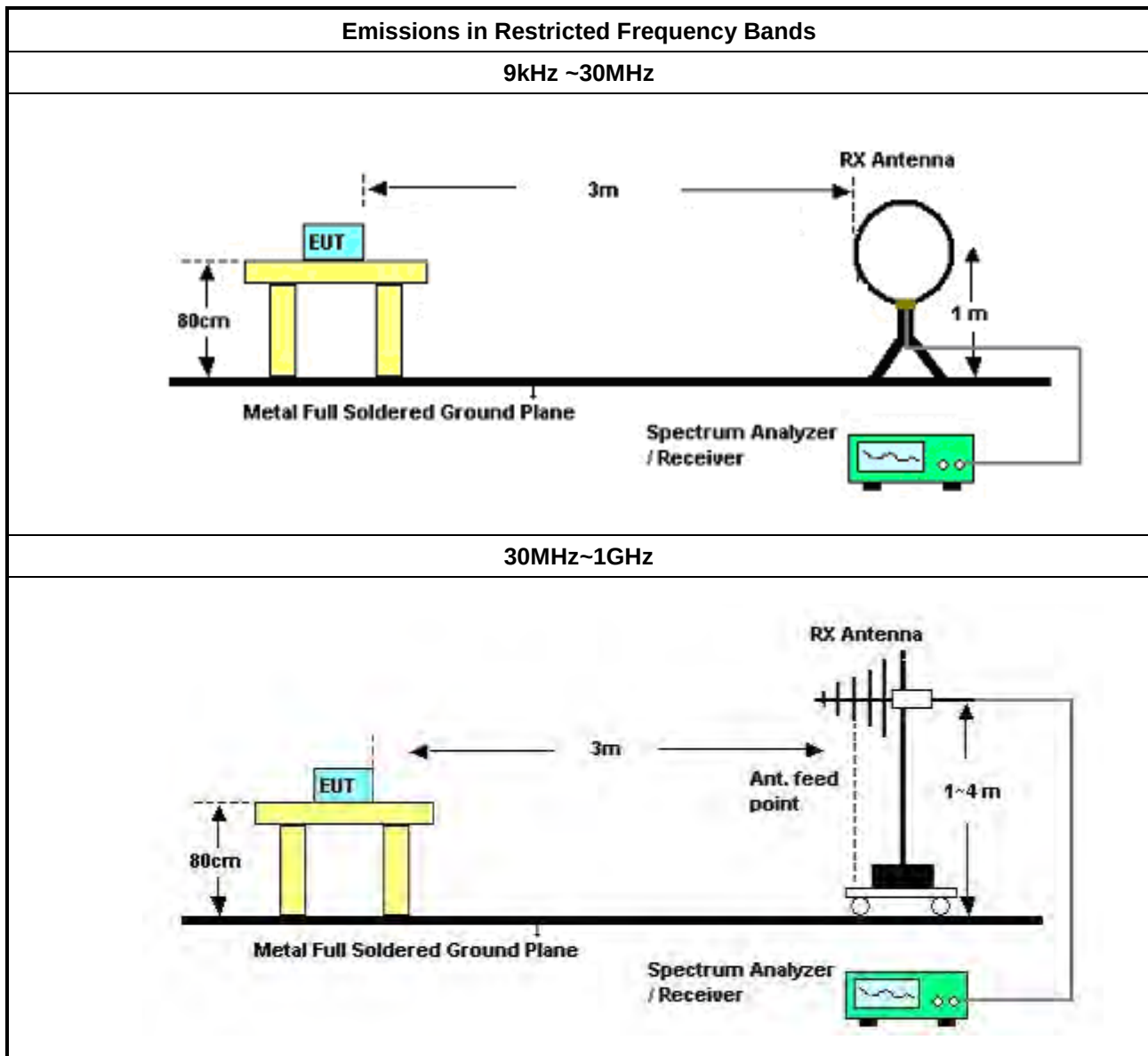
Refer a test equipment and calibration data table in this test report.

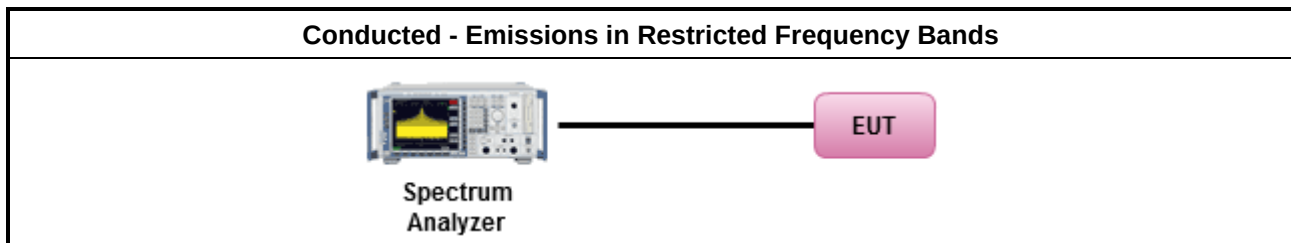
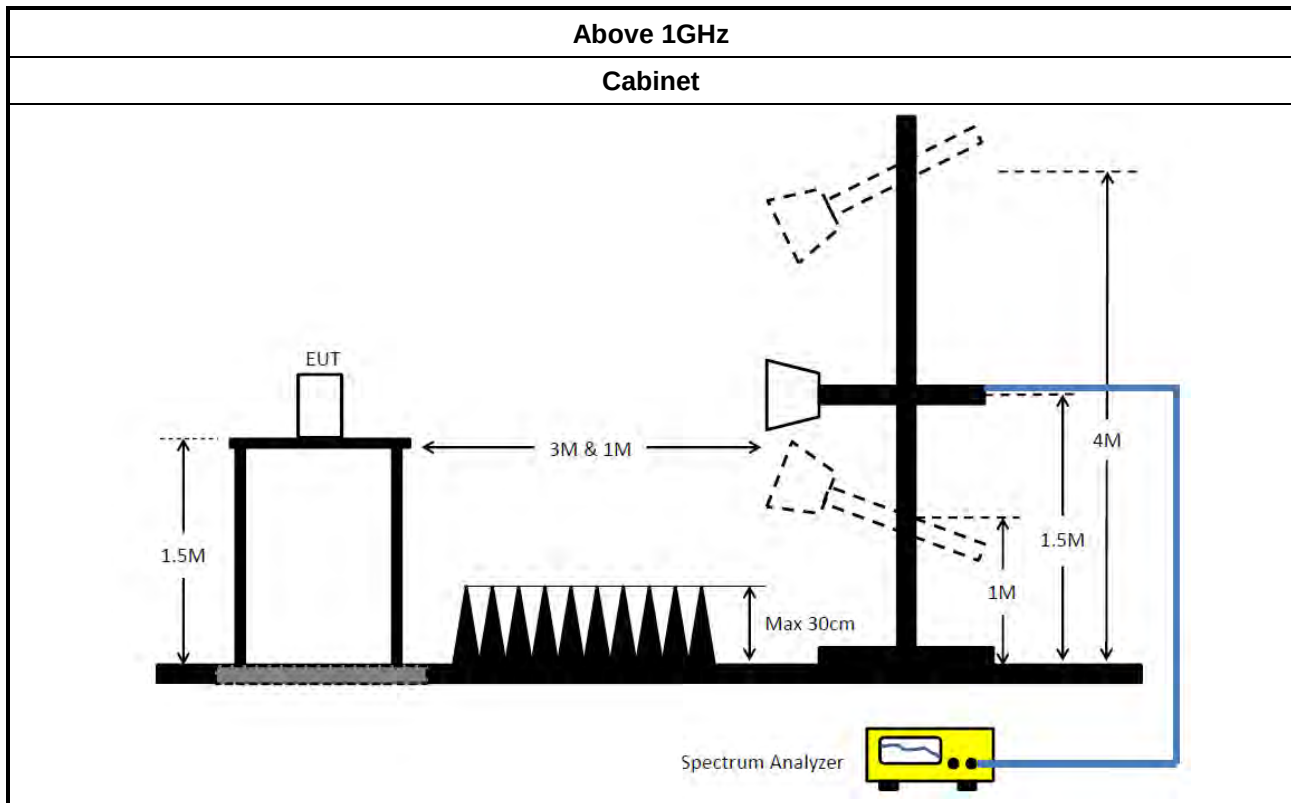


3.6.3 Test Procedures

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
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Feb. 25, 2026	Feb. 24, 2027	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Jan. 29, 2026	Jan. 28, 2027	Conduction (CO02-CB)
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)
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 (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30MHz ~ 1GHz	Jul. 28, 2026	Jul. 27, 2027	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMC	CBL6112B & N-6-06	22021&AT-N0607	30MHz ~ 1GHz	Oct. 04, 2025	Oct. 03, 2026	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 20, 2026	May 19, 2027	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 30, 2026	Mar. 29, 2027	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 29, 2025	Oct. 28, 2026	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz ~ 1GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-01	1GHz ~ 7.4GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Band Rejector	MTJ	6G Band Rejector	BRJ-02	1GHz ~ 8GHz	Sep. 10, 2025	Sep. 09, 2026	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.10	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 21, 2026	Mar. 20, 2027	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 24, 2026	Apr. 23, 2027	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Oct. 07, 2025	Oct. 06, 2026	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 27, 2026	Jun. 26, 2027	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 21, 2025	Nov. 20, 2026	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Jun. 04, 2026	Jun. 03, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 18, 2026	Jun. 17, 2027	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Feb. 11, 2026	Feb. 10, 2027	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101321	9kHz ~ 44GHz	Jul. 23, 2026	Jul. 22, 2027	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 28, 2025	Oct. 27, 2026	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 28, 2025	Oct. 27, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1GHz ~ 18GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1GHz ~ 18GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1GHz ~ 18GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1GHz ~ 18GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz ~ 18GHz	Sep. 30, 2025	Sep. 29, 2026	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1~18GHz	Sep. 20, 2025	Sep. 19, 2026	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-15247_FS	V5.11.27	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

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



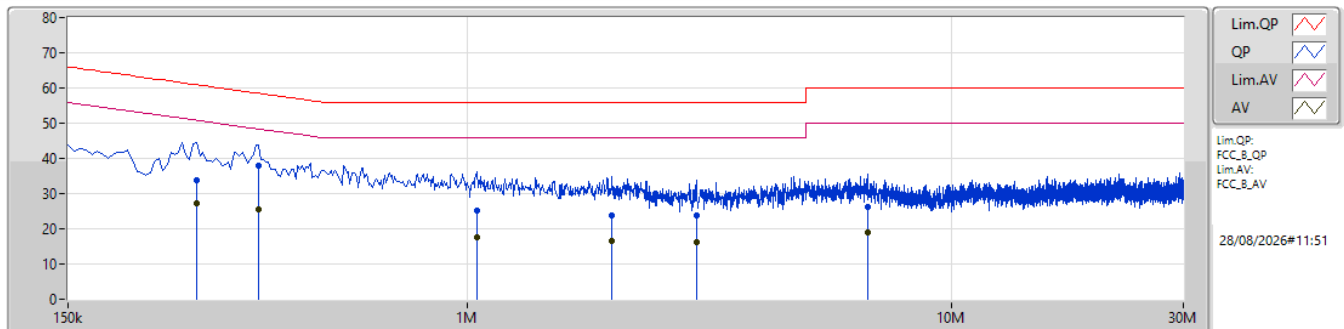
Conducted Emissions at Powerline

Appendix A

Summary

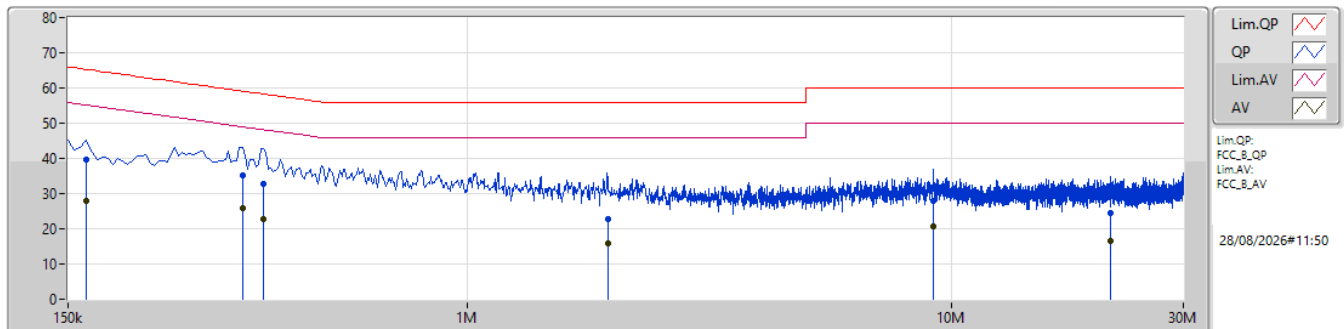
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	370.5k	37.88	58.49	-20.61	Line

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	276k	33.80	60.93	-27.13	10.39	Line	-	23.41	0.12	0.24	10.03						
AV	276k	27.24	50.93	-23.69	10.39	Line	-	16.85	0.12	0.24	10.03						
QP	370.5k	37.88	58.49	-20.61	10.47	Line	"Worst"	27.41	0.12	0.27	10.08						
AV	370.5k	25.45	48.49	-23.04	10.47	Line	-	14.98	0.12	0.27	10.08						
QP	1.046M	25.02	56.00	-30.98	10.53	Line	-	14.49	0.17	0.24	10.12						
AV	1.046M	17.52	46.00	-28.48	10.53	Line	-	6.99	0.17	0.24	10.12						
QP	1.986M	23.72	56.00	-32.28	10.48	Line	-	13.24	0.23	0.26	9.99						
AV	1.986M	16.59	46.00	-29.41	10.48	Line	-	6.11	0.23	0.26	9.99						
QP	2.967M	23.64	56.00	-32.36	10.55	Line	-	13.09	0.30	0.27	9.98						
AV	2.967M	16.25	46.00	-29.75	10.55	Line	-	5.70	0.30	0.27	9.98						
QP	6.698M	26.17	60.00	-33.83	11.01	Line	-	15.16	0.51	0.33	10.17						
AV	6.698M	19.10	50.00	-30.90	11.01	Line	-	8.09	0.51	0.33	10.17						

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.5k	39.74	65.27	-25.53	10.43	Neutral	-	29.31	0.12	0.25	10.06						
AV	163.5k	28.01	55.27	-27.26	10.43	Neutral	-	17.58	0.12	0.25	10.06						
QP	343.5k	35.15	59.12	-23.97	10.45	Neutral	-	24.70	0.13	0.26	10.06						
AV	343.5k	25.96	49.12	-23.16	10.45	Neutral	"Worst"	15.51	0.13	0.26	10.06						
QP	379.5k	32.71	58.29	-25.58	10.48	Neutral	-	22.23	0.13	0.27	10.08						
AV	379.5k	22.75	48.29	-25.54	10.48	Neutral	-	12.27	0.13	0.27	10.08						
QP	1.946M	22.75	56.00	-33.25	10.46	Neutral	-	12.29	0.20	0.26	10.00						
AV	1.946M	15.71	46.00	-30.29	10.46	Neutral	-	5.25	0.20	0.26	10.00						
QP	9.15M	27.83	60.00	-32.17	11.17	Neutral	-	16.66	0.54	0.35	10.28						
AV	9.15M	20.86	50.00	-29.14	11.17	Neutral	-	9.69	0.54	0.35	10.28						
QP	21.233M	24.55	60.00	-35.45	11.89	Neutral	-	12.66	1.02	0.35	10.52						
AV	21.233M	16.39	50.00	-33.61	11.89	Neutral	-	4.50	1.02	0.35	10.52						

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)	670k	1.026M	1M03F1D	665k	1.024M
BT-LE(2Mbps)	1.133M	2.046M	2M05F1D	1.123M	2.045M

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

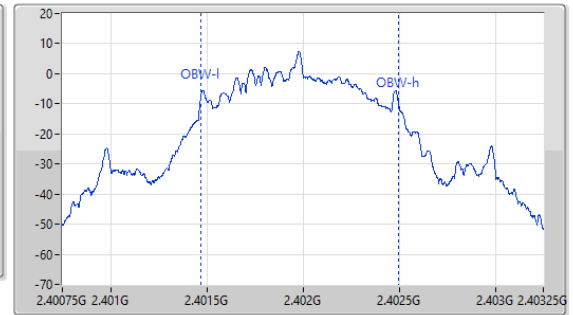
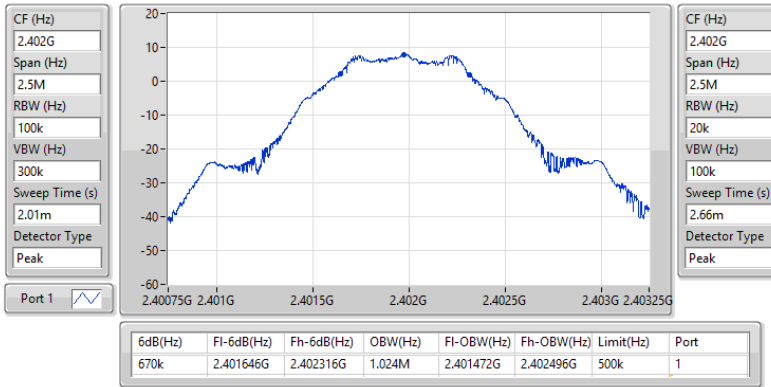
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	670k	1.024M
2440MHz	Pass	500k	665k	1.024M
2480MHz	Pass	500k	668.75k	1.026M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.125M	2.046M
2440MHz	Pass	500k	1.133M	2.045M
2480MHz	Pass	500k	1.123M	2.046M

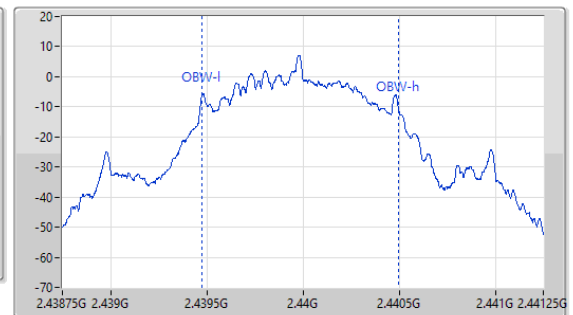
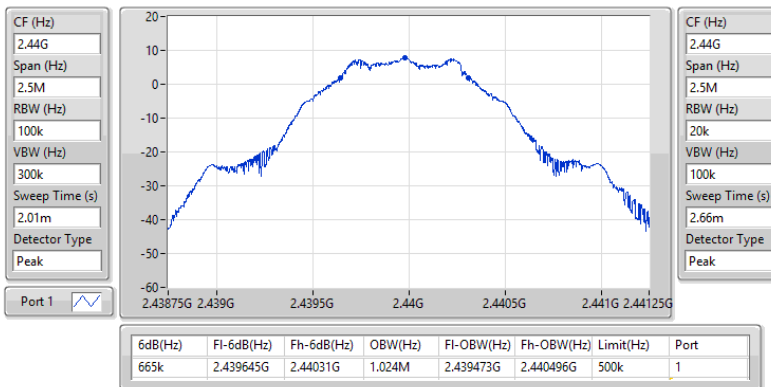
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

17/08/2026

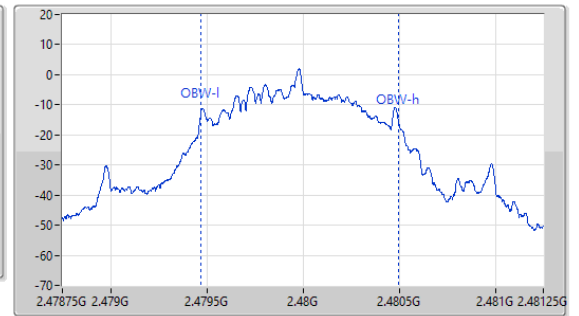
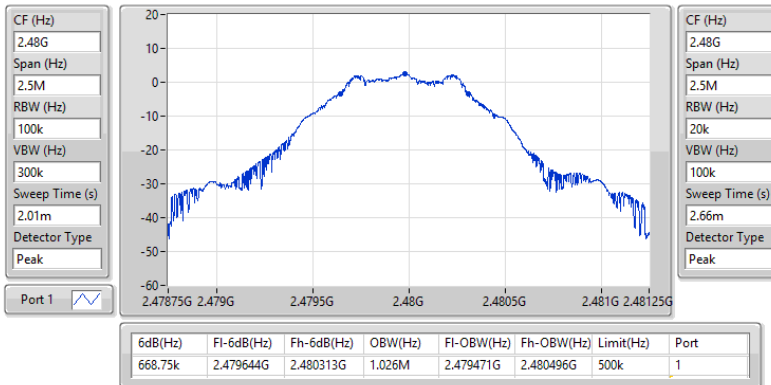

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2440MHz

17/08/2026

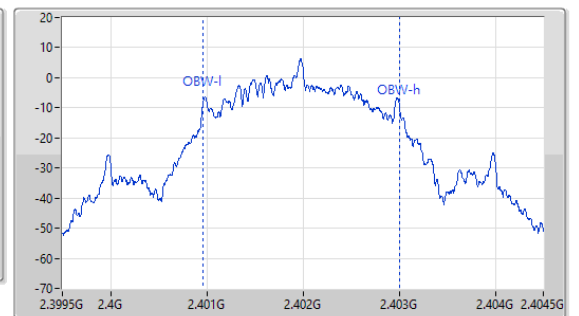
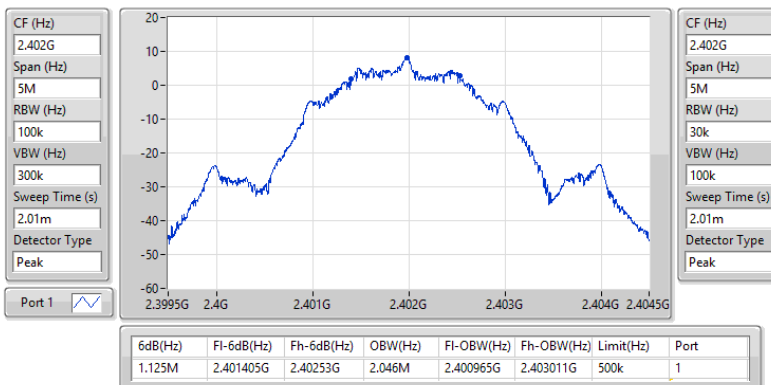


2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2480MHz

09/09/2026


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

17/08/2026

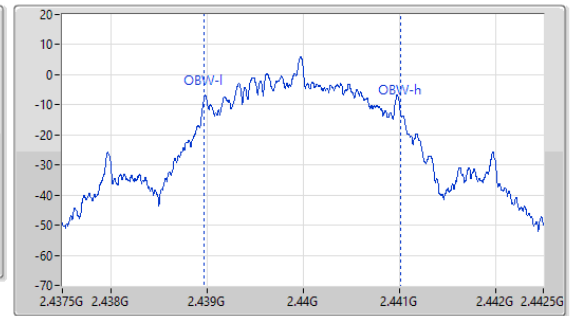
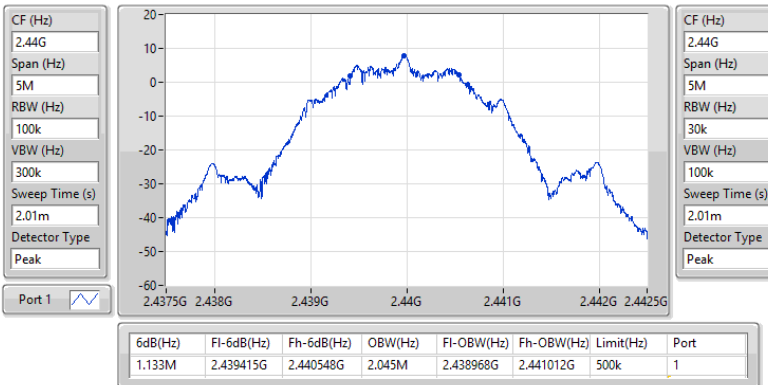


2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

2440MHz

17/08/2026

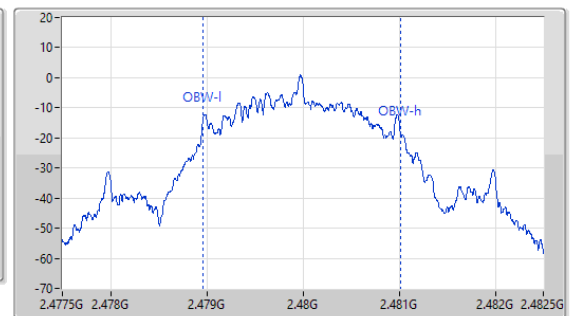
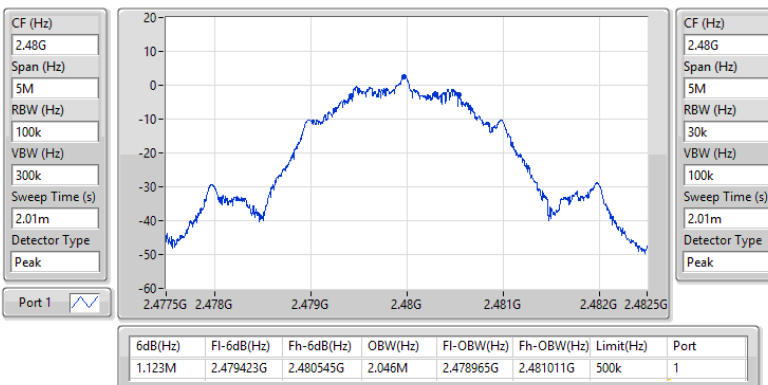


2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

2480MHz

09/09/2026





Average Power-DTS

Appendix C

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	8.71	0.00743
BT-LE(2Mbps)	8.69	0.00740



Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	4.53	8.71	30.00
2440MHz	Pass	4.53	8.56	30.00
2478MHz	Pass	4.53	8.53	30.00
2480MHz	Pass	4.53	2.57	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	4.53	8.69	30.00
2440MHz	Pass	4.53	8.55	30.00
2478MHz	Pass	4.53	8.51	30.00
2480MHz	Pass	4.53	2.35	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)	-4.78
BT-LE(2Mbps)	-8.64

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	4.53	-4.78	8.00
2440MHz	Pass	4.53	-4.95	8.00
2480MHz	Pass	4.53	-10.24	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	4.53	-8.64	8.00
2440MHz	Pass	4.53	-8.82	8.00
2480MHz	Pass	4.53	-14.06	8.00

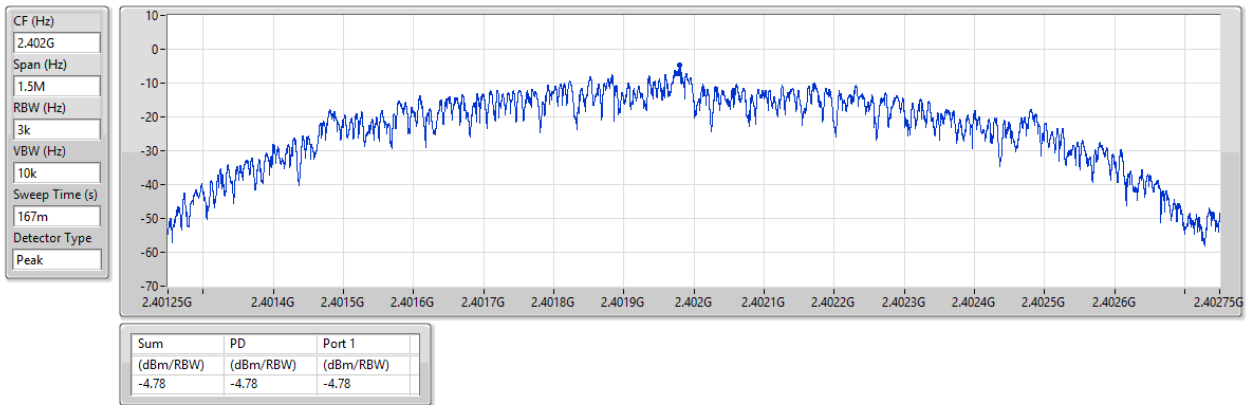
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2402MHz

17/08/2026

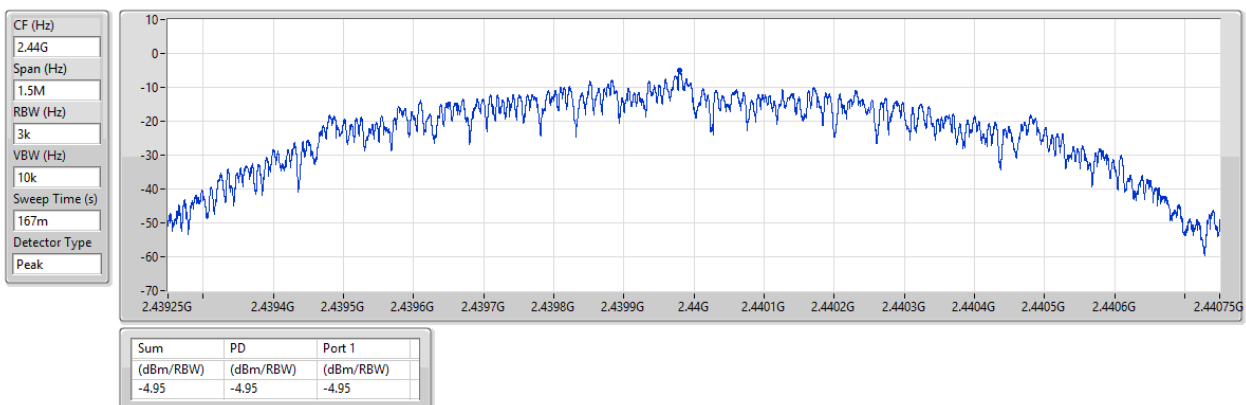


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2440MHz

17/08/2026

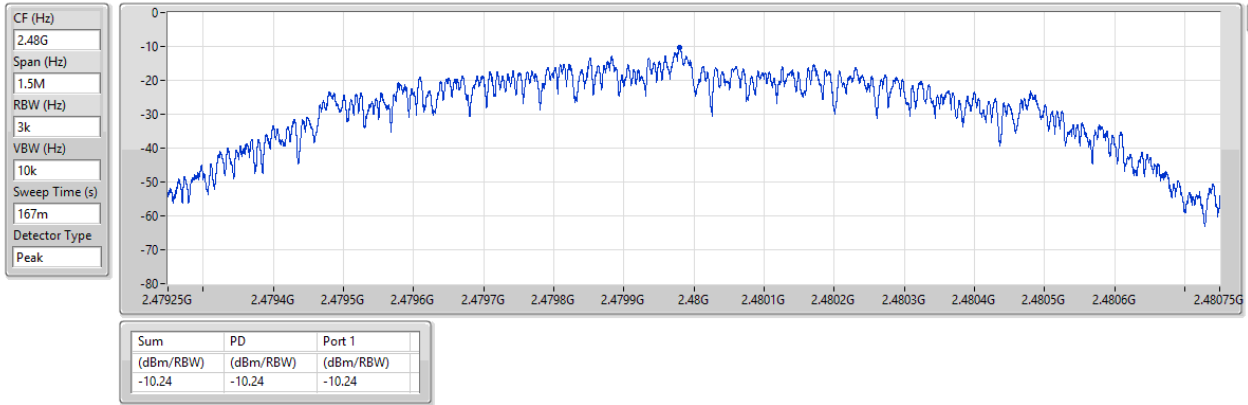


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2480MHz

09/09/2026

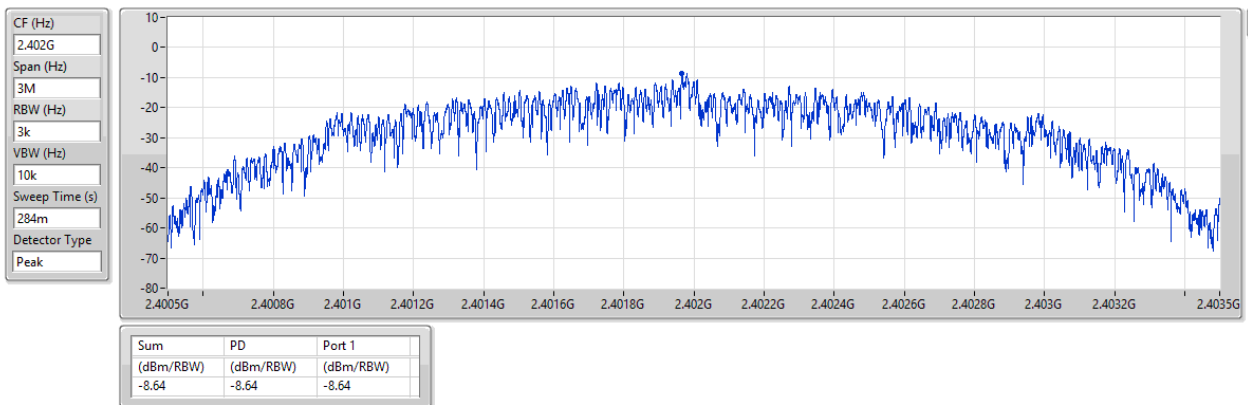


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2402MHz

17/08/2026

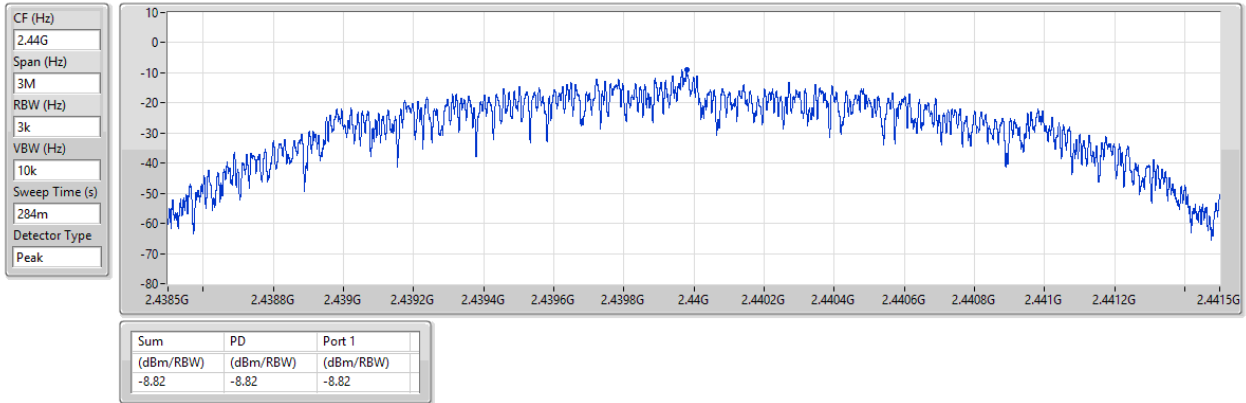


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2440MHz

17/08/2026

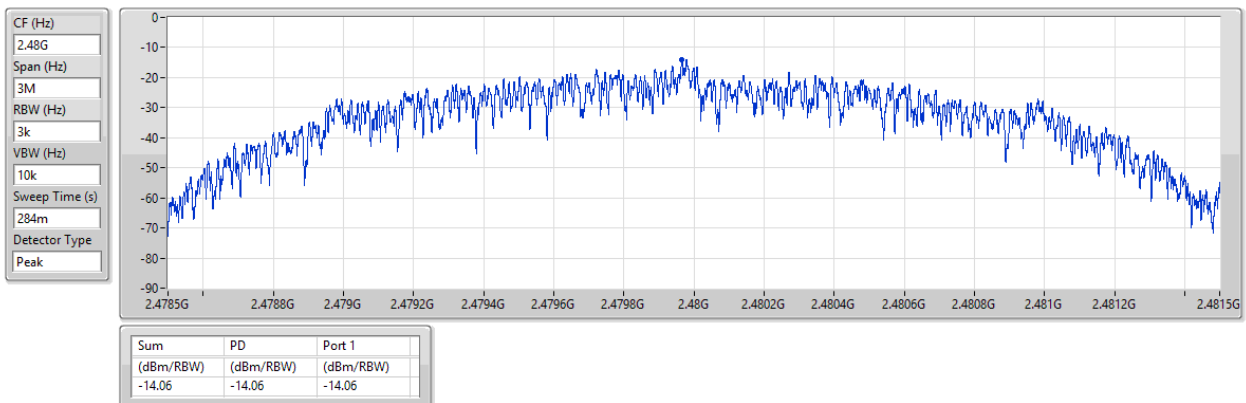


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2480MHz

09/09/2026





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	2.40167G	7.46	-22.54	99.33M	-42.75	2.39792G	-35.37	2.4G	-45.14	2.50078G	-53.08	21.69864G	-43.24	1
BT-LE(2Mbps)	Pass	2.40184G	7.69	-22.31	99.33M	-42.18	2.4G	-23.70	2.4G	-25.23	2.5019G	-53.37	21.50179G	-45.08	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	2.40167G	7.46	-22.54	99.33M	-42.75	2.39792G	-35.37	2.4G	-45.14	2.50078G	-53.08	21.69864G	-43.24	1
2440MHz	Pass	2.40167G	7.46	-22.54	99.33M	-42.07	2.392G	-50.67	2.4G	-51.35	2.50014G	-53.13	21.45399G	-43.62	1
2480MHz	Pass	2.40167G	7.46	-22.54	99.33M	-41.58	2.39076G	-52.21	2.4G	-54.20	2.50018G	-51.01	21.43712G	-45.26	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	7.69	-22.31	99.33M	-42.18	2.4G	-23.70	2.4G	-25.23	2.5019G	-53.37	21.50179G	-45.08	1
2440MHz	Pass	2.40184G	7.69	-22.31	99.33M	-41.30	2.39192G	-51.25	2.4G	-54.00	2.50002G	-52.64	21.61709G	-44.45	1
2480MHz	Pass	2.40184G	7.69	-22.31	99.33M	-42.52	2.3934G	-52.86	2.4G	-55.22	2.50062G	-51.75	6.44601G	-45.10	1

2.4-2.4835GHz_BT-LE(1Mbps)

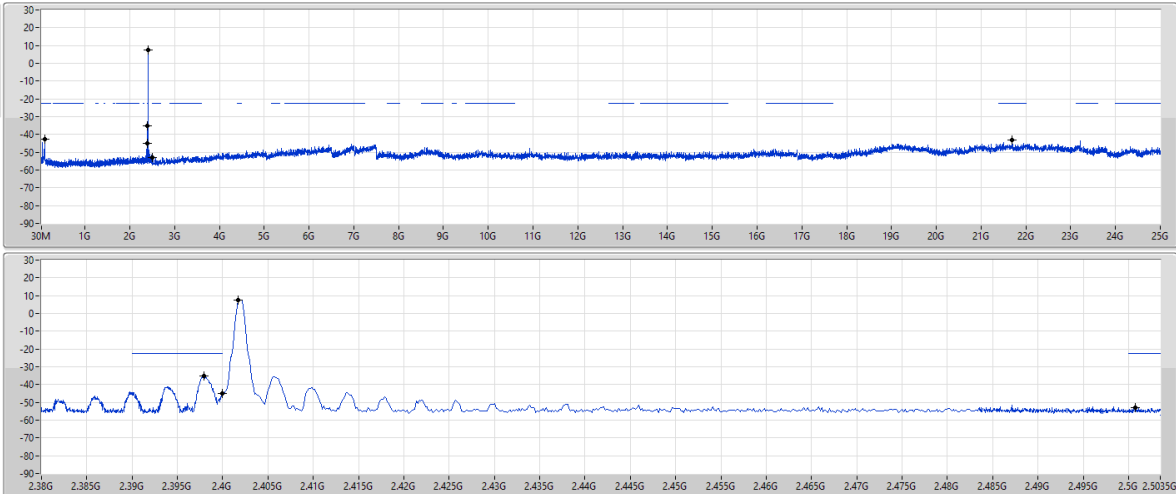
CSEndB-DTS

2402MHz

17/08/2026

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
2.40167G	7.46	-22.54	99.33M	-42.75	2.39792G	-35.37	2.4G	-45.14	2.50078G	-53.08	21.69864G	-43.24	1

2.4-2.4835GHz_BT-LE(1Mbps)

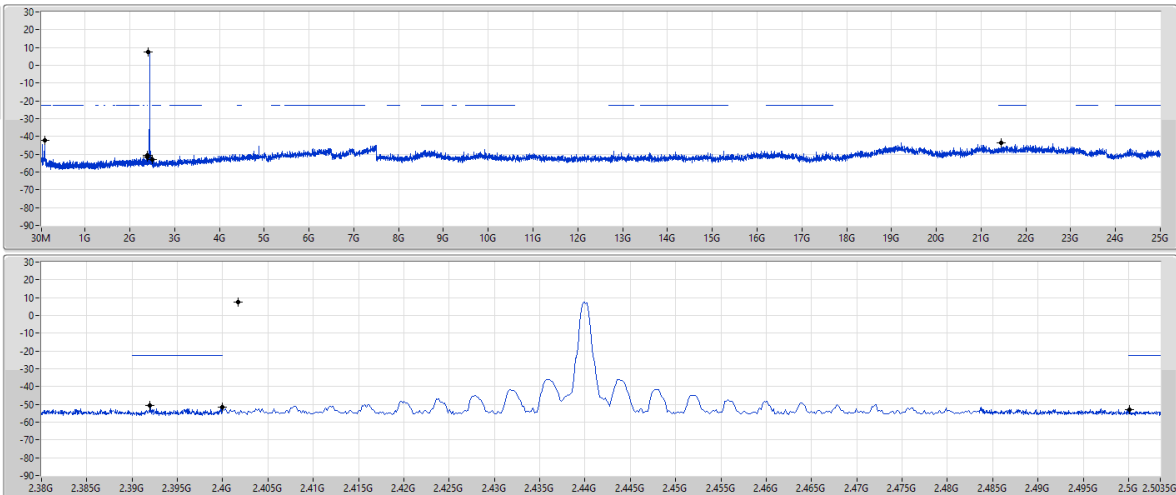
CSEndB-DTS

2440MHz

17/08/2026

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
2.40167G	7.46	-22.54	99.33M	-42.07	2.392G	-50.67	2.4G	-51.35	2.50014G	-53.13	21.45399G	-43.62	1

2.4-2.4835GHz_BT-LE(1Mbps)

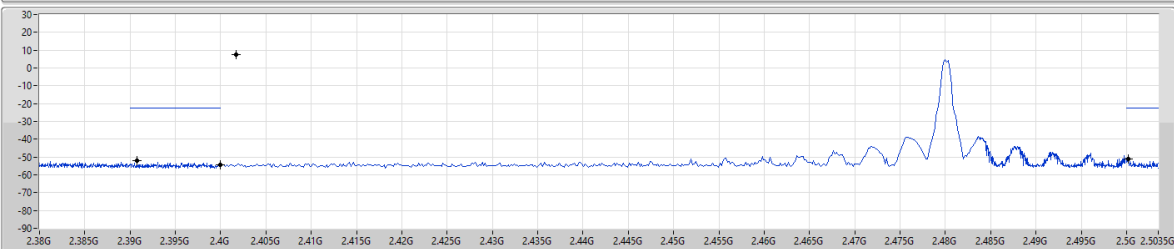
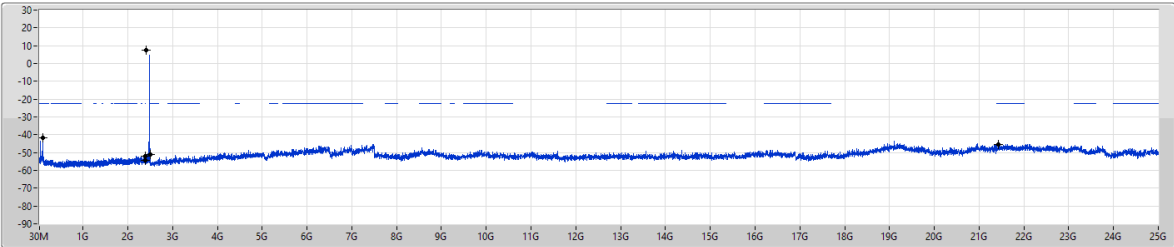
CSEndB-DTS

2480MHz

17/08/2026

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
2.40167G	7.46	-22.54	99.33M	-41.58	2.39076G	-52.21	2.4G	-54.20	2.50018G	-51.01	21.43712G	-45.26	1

2.4-2.4835GHz_BT-LE(2Mbps)

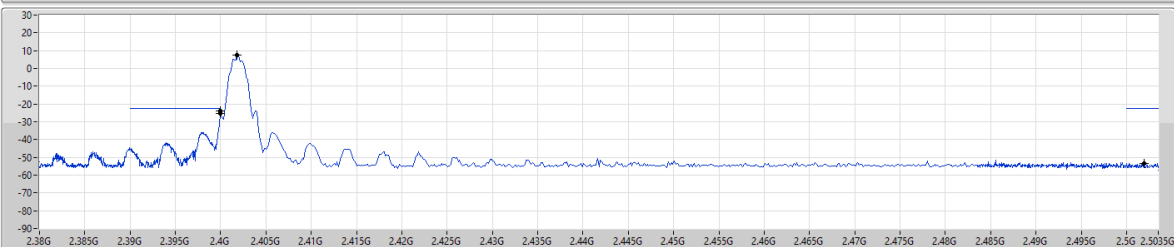
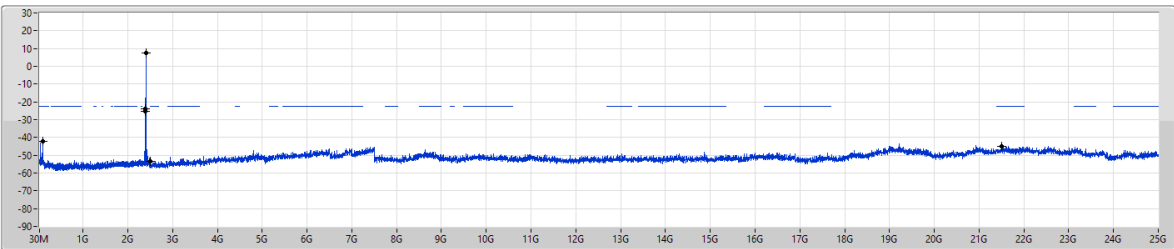
CSEndB-DTS

2402MHz

17/08/2026

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

Port 1



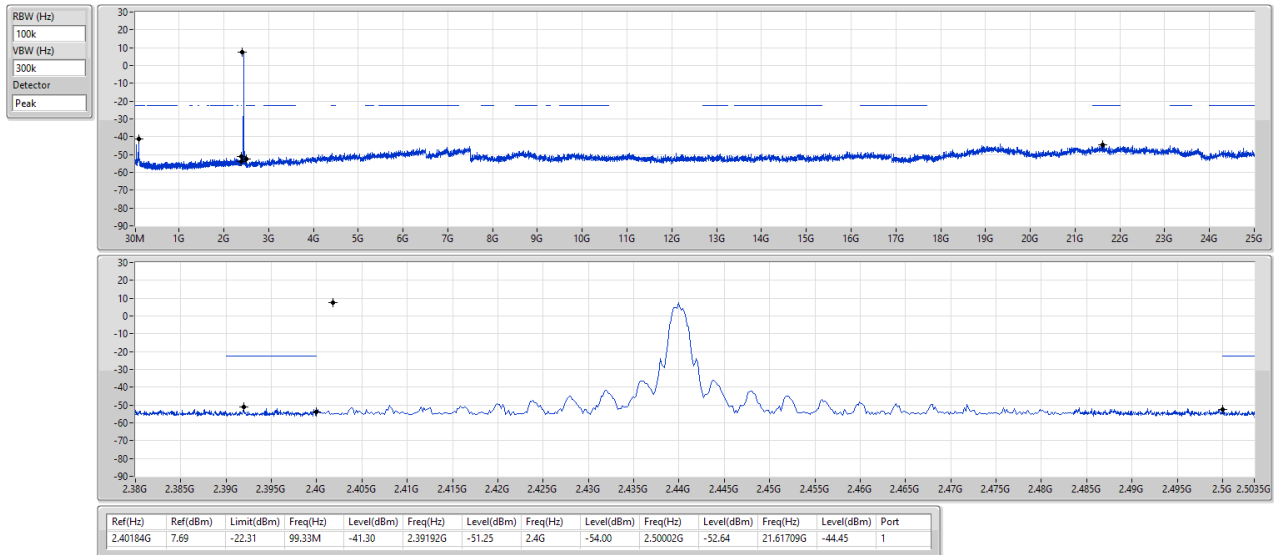
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	7.69	-22.31	99.33M	-42.18	2.4G	-23.70	2.4G	-25.23	2.5019G	-53.37	21.50179G	-45.08	1

2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2440MHz

17/08/2026

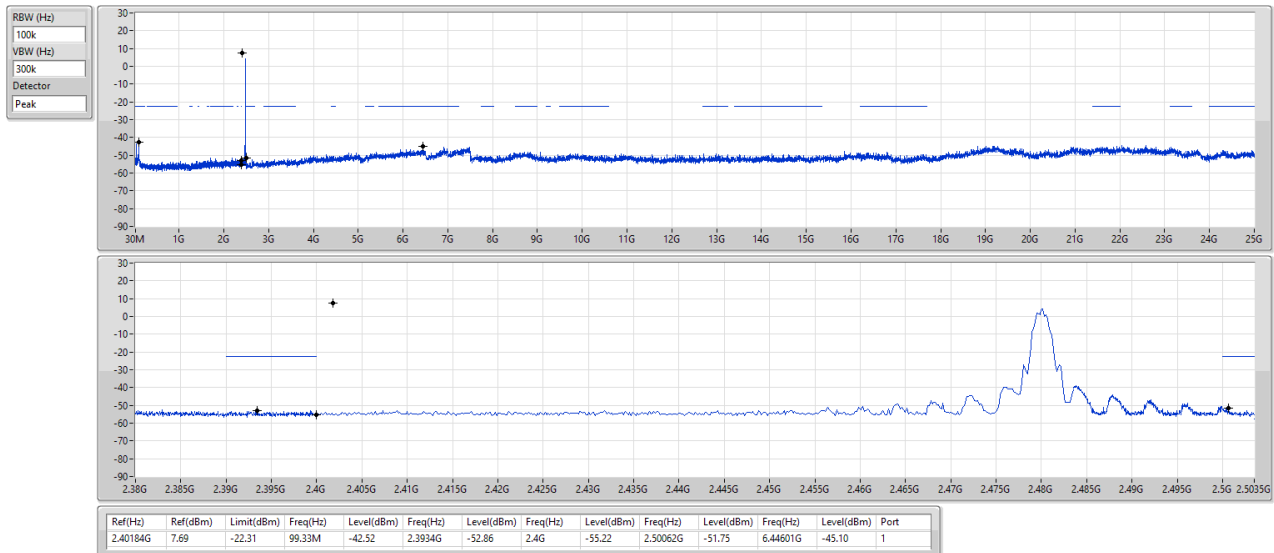


2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2480MHz

17/08/2026





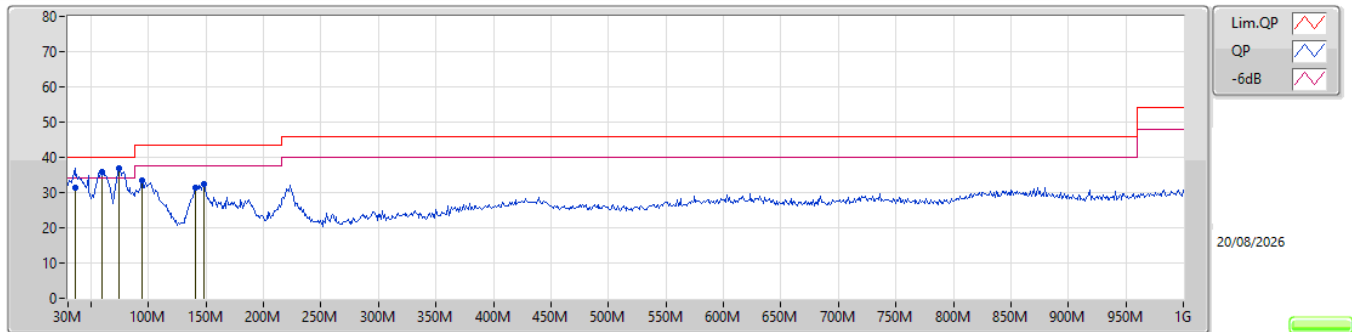
Radiated Emissions below 1GHz

Appendix F.1

Summary

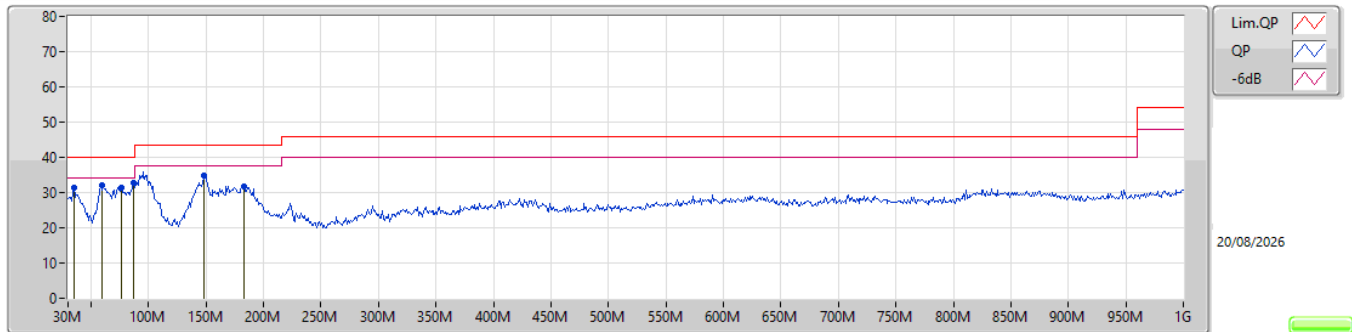
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 5	Pass	PK	74.62M	36.93	40.00	-3.07	Vertical

Mode 5



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	35.82M	31.21	40.00	-8.79	-10.28	3	Vertical	38	1.00	-	41.49	20.89	0.37	31.54		
PK	59.1M	35.97	40.00	-4.03	-18.39	3	Vertical	223	1.25	-	54.36	12.71	0.58	31.68		
PK	74.62M	36.93	40.00	-3.07	-18.62	3	Vertical	360	1.25	"Worst"	55.55	12.76	0.68	32.06		
PK	94.02M	33.33	43.50	-10.17	-15.12	3	Vertical	115	1.25	-	48.45	15.82	0.80	31.74		
PK	140.58M	31.24	43.50	-12.26	-13.39	3	Vertical	292	1.00	-	44.63	17.48	1.08	31.95		
PK	148.34M	32.51	43.50	-10.99	-14.00	3	Vertical	299	1.00	-	46.51	16.79	1.12	31.91		

Mode 5



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	34.85M	31.44	40.00	-8.56	-9.83	3	Horizontal	288	1.25	-	41.27	21.34	0.37	31.54		
PK	60.07M	32.17	40.00	-7.83	-18.38	3	Horizontal	280	3.00	-	50.55	12.74	0.59	31.71		
PK	76.56M	31.40	40.00	-8.60	-18.48	3	Horizontal	273	2.00	-	49.88	12.86	0.70	32.04		
PK	87.23M	32.75	40.00	-7.25	-16.71	3	Horizontal	257	2.00	"Worst"	49.46	14.42	0.75	31.88		
PK	148.34M	34.70	43.50	-8.80	-14.00	3	Horizontal	266	2.00	-	48.70	16.79	1.12	31.91		
PK	183.26M	31.88	43.50	-11.62	-15.32	3	Horizontal	98	1.50	-	47.20	15.16	1.32	31.80		



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT+LE(1Mbps)	Pass	2.38G	2.5035G	PK	2.48374G	4.53	-26.38	-21.85	-21.20	-0.65
BT+LE(2Mbps)	Pass	2.38G	2.5035G	PK	2.48374G	4.53	-26.30	-21.77	-21.20	-0.57

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.38G	2.5035G	AV	2.38988G	4.53	-62.95	-58.42	-41.20	-17.22
2402MHz	Pass	2.38G	2.5035G	PK	2.38976G	4.53	-31.03	-26.50	-21.20	-5.30
2440MHz	Pass	2.38G	2.5035G	AV	2.48794G	4.53	-60.46	-55.93	-41.20	-14.73
2440MHz	Pass	2.38G	2.5035G	PK	2.48374G	4.53	-41.54	-37.01	-21.20	-15.81
2478MHz	Pass	2.38G	2.5035G	AV	2.48621G	4.53	-60.68	-56.15	-41.20	-14.95
2478MHz	Pass	2.38G	2.5035G	PK	2.48572G	4.53	-27.49	-22.96	-21.20	-1.76
2480MHz	Pass	2.38G	2.5035G	AV	2.48399G	4.53	-60.81	-56.28	-41.20	-15.08
2480MHz	Pass	2.38G	2.5035G	PK	2.48374G	4.53	-26.38	-21.85	-21.20	-0.65
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.38G	2.5035G	AV	2.38988G	4.53	-62.57	-58.04	-41.20	-16.84
2402MHz	Pass	2.38G	2.5035G	PK	2.38988G	4.53	-31.26	-26.73	-21.20	-5.53
2440MHz	Pass	2.38G	2.5035G	AV	2.48782G	4.53	-62.36	-57.83	-41.20	-16.63
2440MHz	Pass	2.38G	2.5035G	PK	2.48411G	4.53	-41.17	-36.64	-21.20	-15.44
2478MHz	Pass	2.38G	2.5035G	AV	2.48609G	4.53	-60.76	-56.23	-41.20	-15.03
2478MHz	Pass	2.38G	2.5035G	PK	2.48584G	4.53	-27.97	-23.44	-21.20	-2.24
2480MHz	Pass	2.38G	2.5035G	AV	2.48362G	4.53	-59.52	-54.99	-41.20	-13.79
2480MHz	Pass	2.38G	2.5035G	PK	2.48374G	4.53	-26.30	-21.77	-21.20	-0.57

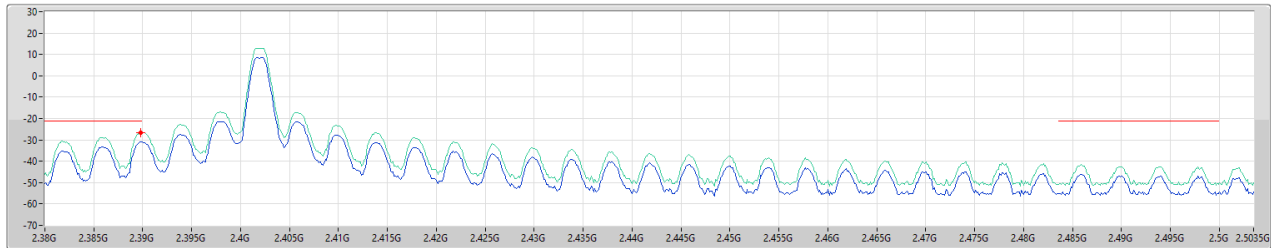
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Bandedge-DTS [PK]

2402MHz

09/09/2026



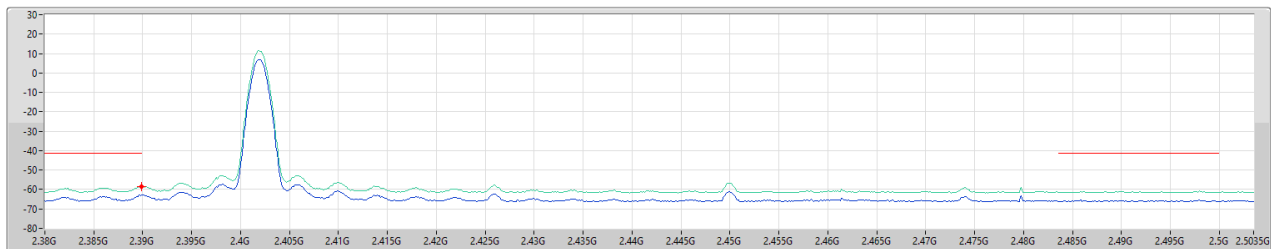
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psum(dBm)	P1(dBm)
2.38G	2.5035G	1M	PK	2.38976G	-26.50	-21.20	-5.30	4.53	0.00	-31.03	-31.03

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Bandedge-DTS [AV]

2402MHz

09/09/2026



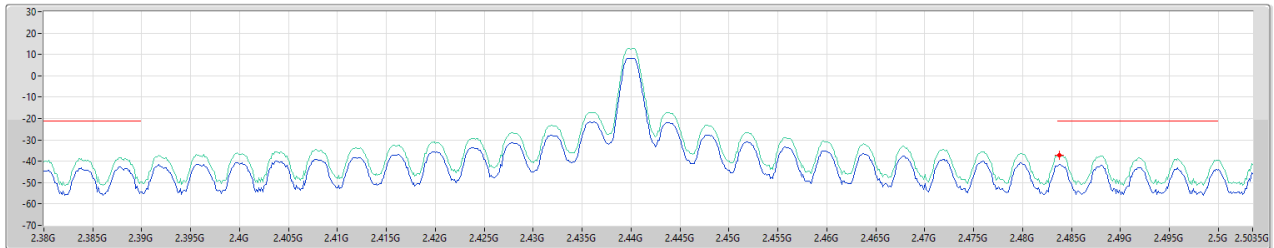
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psum(dBm)	P1(dBm)
2.38G	2.5035G	1M	AV	2.38988G	-58.42	-41.20	-17.22	4.53	0.00	-62.95	-62.95

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Bandedge-DTS [PK]

2440MHz

09/09/2026



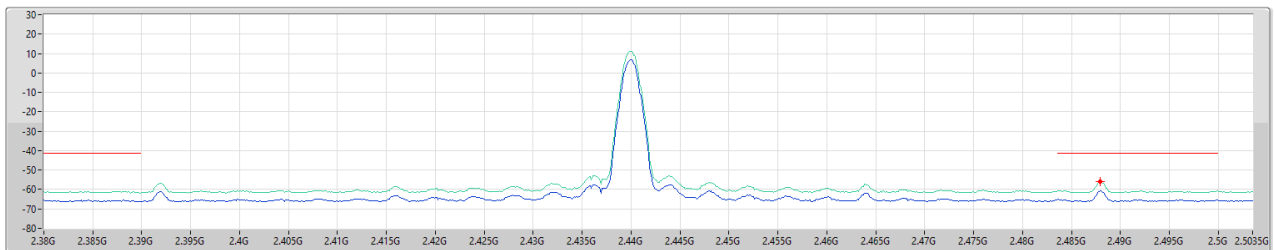
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	PK	2.48374G	-37.01	-21.20	-15.81	4.53	0.00	-41.54	-41.54

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Bandedge-DTS [AV]

2440MHz

09/09/2026



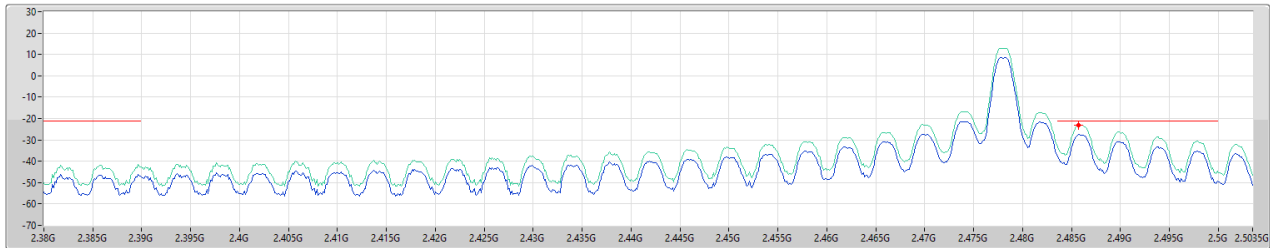
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	AV	2.48794G	-55.93	-41.20	-14.73	4.53	0.00	-60.46	-60.46

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Bandedge-DTS [PK]

2478MHz

09/09/2026



Limit.PK
EIRP.PK
Port 1

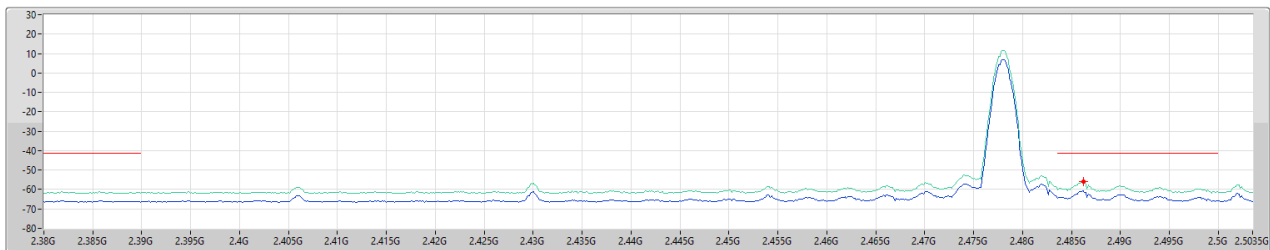
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	PsuM(dBm)	P1(dBm)
2.38G	2.5035G	1M	PK	2.48572G	-22.96	-21.20	-1.76	4.53	0.00	-27.49	-27.49

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Bandedge-DTS [AV]

2478MHz

09/09/2026



Limit.AV
EIRP.AV
Port 1

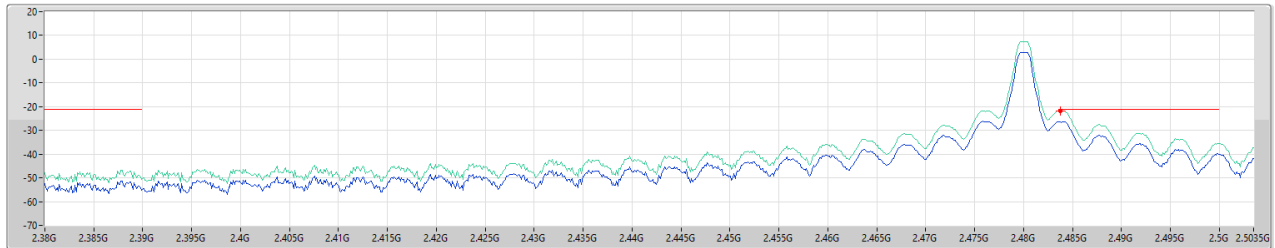
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	PsuM(dBm)	P1(dBm)
2.38G	2.5035G	1M	AV	2.48621G	-56.15	-41.20	-14.95	4.53	0.00	-60.68	-60.68

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Bandedge-DTS [PK]

2480MHz

09/09/2026



Limit.PK
EIRP.PK
Port 1

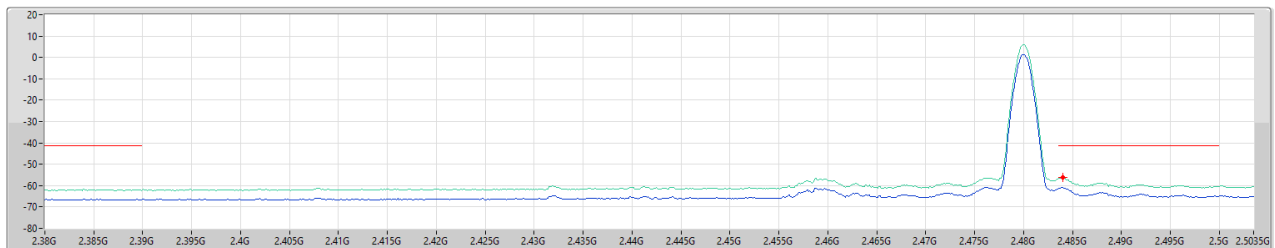
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	PK	2.48374G	-21.85	-21.20	-0.65	4.53	0.00	-26.38	-26.38

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Bandedge-DTS [AV]

2480MHz

09/09/2026



Limit.AV
EIRP.AV
Port 1

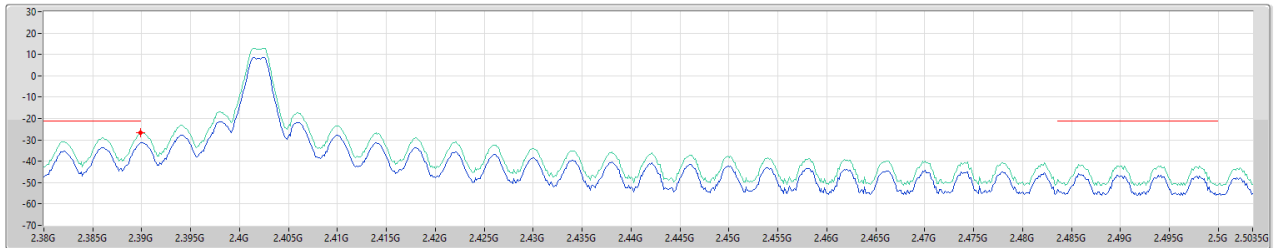
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	AV	2.48399G	-56.28	-41.20	-15.08	4.53	0.00	-60.81	-60.81

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Bandedge-DTS [PK]

2402MHz

09/09/2026



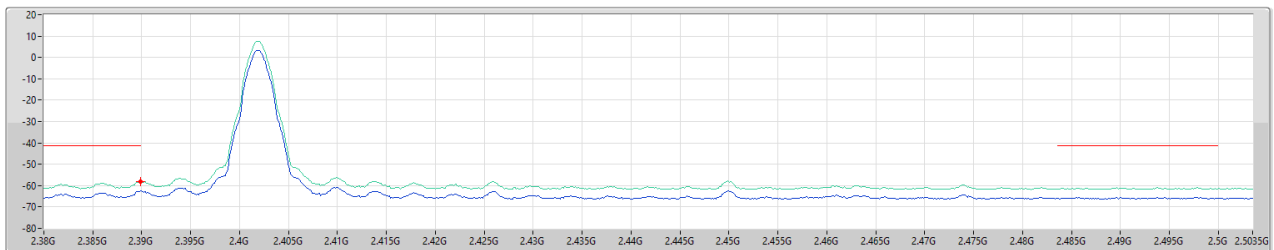
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	PK	2.38988G	-26.73	-21.20	-5.53	4.53	0.00	-31.26	-31.26

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Bandedge-DTS [AV]

2402MHz

09/09/2026



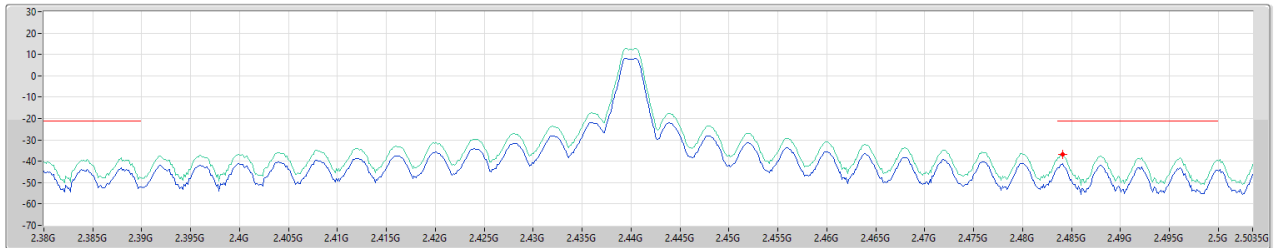
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	AV	2.38988G	-56.04	-41.20	-16.84	4.53	0.00	-62.57	-62.57

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Bandedge-DTS [PK]

2440MHz

09/09/2026



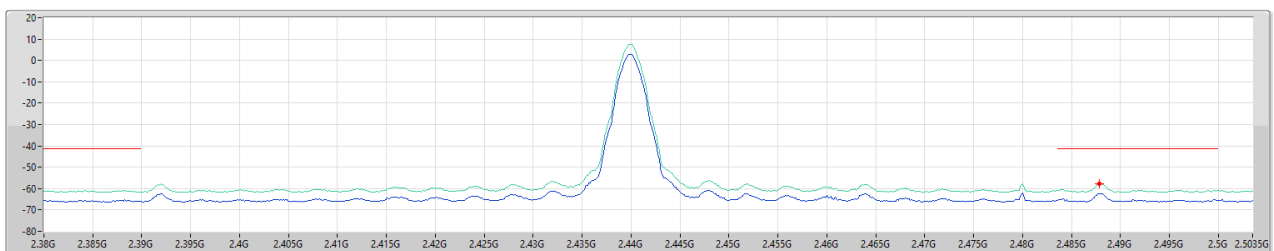
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	PK	2.48411G	-36.64	-21.20	-15.44	4.53	0.00	-41.17	-41.17

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Bandedge-DTS [AV]

2440MHz

09/09/2026



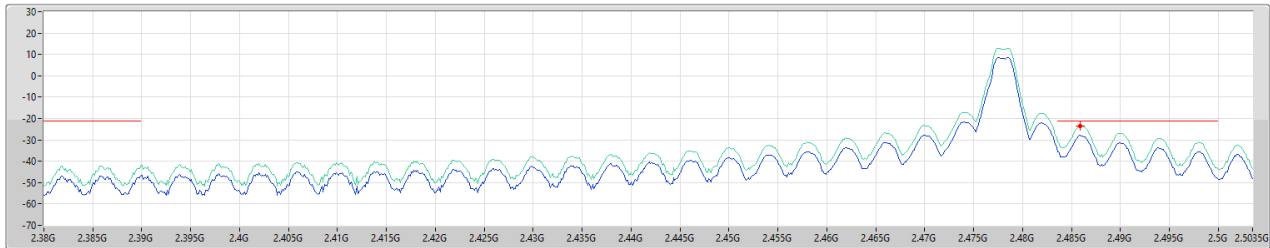
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	AV	2.48782G	-57.83	-41.20	-16.63	4.53	0.00	-62.36	-62.36

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Bandedge-DTS [PK]

2478MHz

09/09/2026



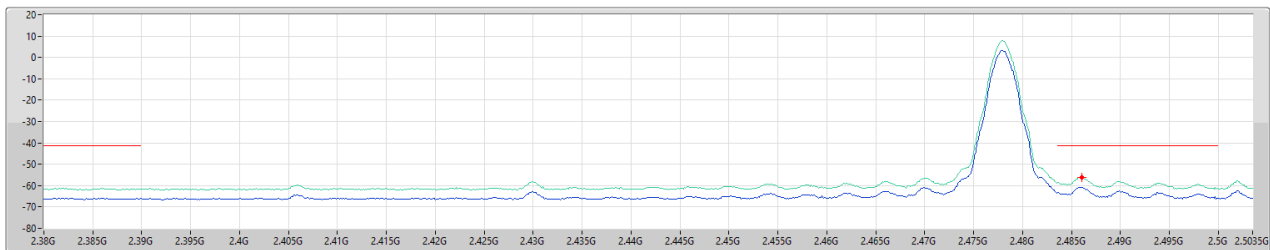
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	PK	2.48584G	-23.44	-21.20	-2.24	4.53	0.00	-27.97	-27.97

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Bandedge-DTS [AV]

2478MHz

09/09/2026



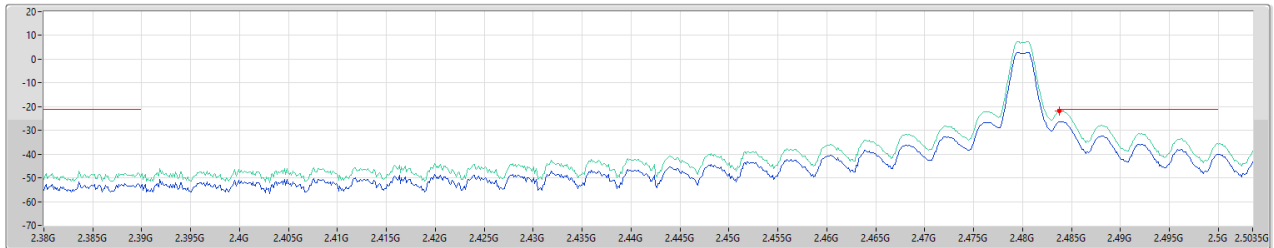
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	AV	2.48609G	-56.23	-21.20	-15.03	4.53	0.00	-60.76	-60.76

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Bandedge-DTS [PK]

2480MHz

09/09/2026



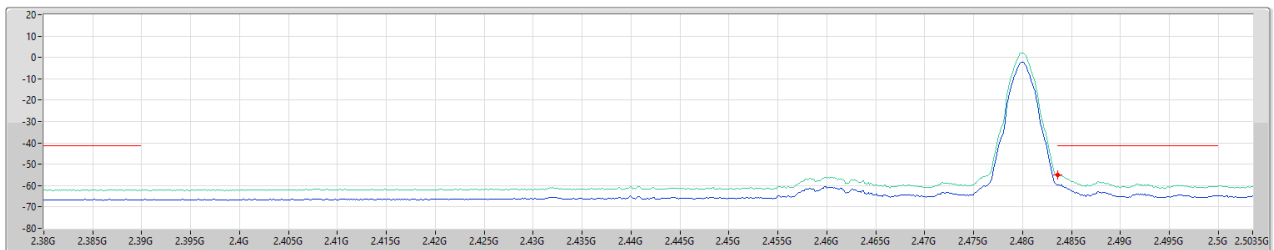
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	PK	2.48374G	-21.77	-21.20	-0.57	4.53	0.00	-26.30	-26.30

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Bandedge-DTS [AV]

2480MHz

09/09/2026



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
2.38G	2.5035G	1M	AV	2.48362G	-54.99	-41.20	-13.79	4.53	0.00	-59.52	-59.52



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	1G	3G	PK	2.382G	-33.50	-21.20	-12.30
BT-LE(2Mbps)	Pass	1G	3G	PK	2.382G	-33.84	-21.20	-12.64

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-
2402MHz	Pass	1G	3G	AV	2.378G	-55.07	-41.20	-13.87
2402MHz	Pass	1G	3G	PK	2.382G	-33.50	-21.20	-12.30
2440MHz	Pass	1G	3G	AV	2.368G	-59.18	-41.20	-17.98
2440MHz	Pass	1G	3G	PK	2.376G	-42.09	-21.20	-20.89
2480MHz	Pass	1G	3G	AV	2.5G	-61.21	-41.20	-20.01
2480MHz	Pass	1G	3G	PK	2.5G	-39.17	-21.20	-17.97
BT-LE(2Mbps)	-	-	-	-	-	-	-	-
2402MHz	Pass	1G	3G	AV	2.382G	-55.96	-41.20	-14.76
2402MHz	Pass	1G	3G	PK	2.382G	-33.84	-21.20	-12.64
2440MHz	Pass	1G	3G	AV	2.368G	-60.81	-41.20	-19.61
2440MHz	Pass	1G	3G	PK	2.38G	-42.59	-21.20	-21.39
2480MHz	Pass	1G	3G	AV	2.5G	-61.46	-41.20	-20.26
2480MHz	Pass	1G	3G	PK	2.5G	-38.84	-21.20	-17.64

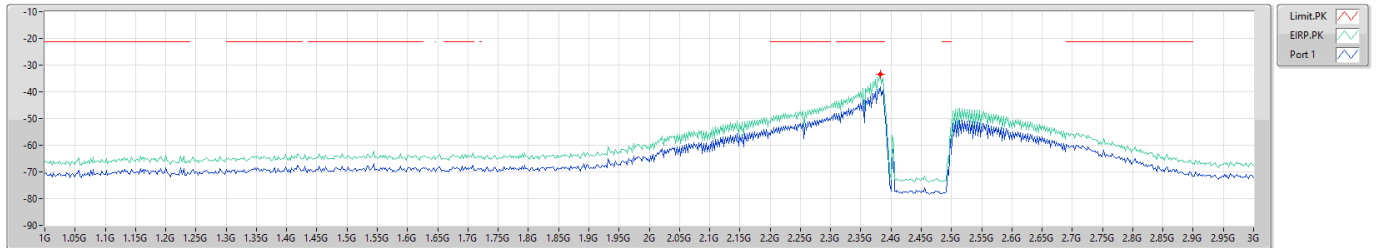
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Other-DTS [PK]

2402MHz

09/09/2026



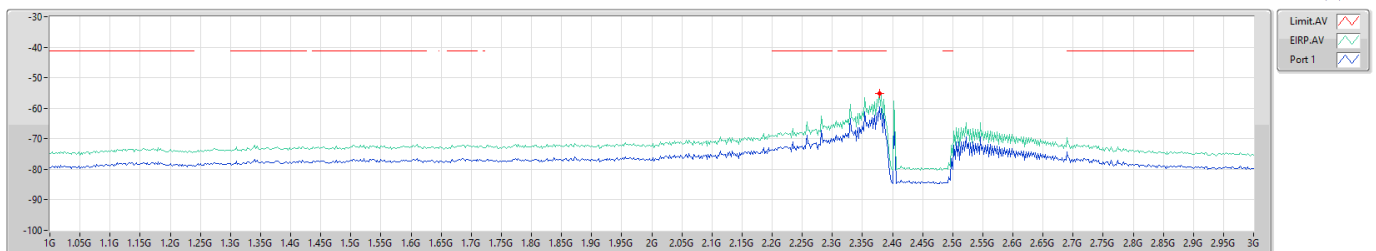
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psum(dBm)	P1(dBm)
1G	3G	1M	PK	2.382G	-33.50	-21.20	-12.30	4.53	0.00	-38.03	-38.03

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Other-DTS [AV]

2402MHz

09/09/2026



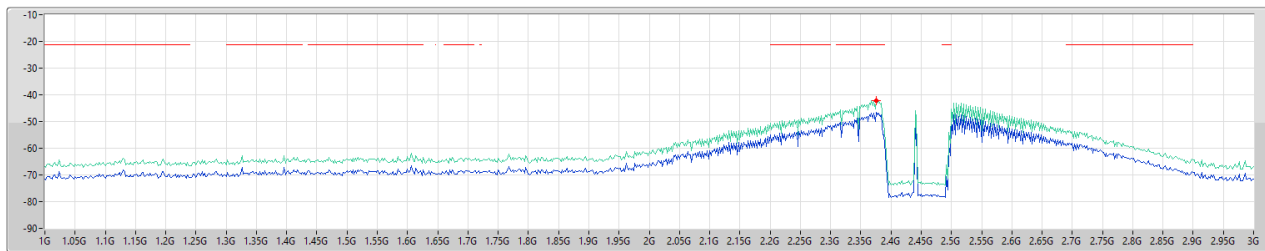
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psum(dBm)	P1(dBm)
1G	3G	1M	AV	2.378G	-55.07	-41.20	-13.87	4.53	0.00	-59.60	-59.60

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Other-DTS [PK]

2440MHz

09/09/2026



Limit.PK
EIRP.PK
Port 1

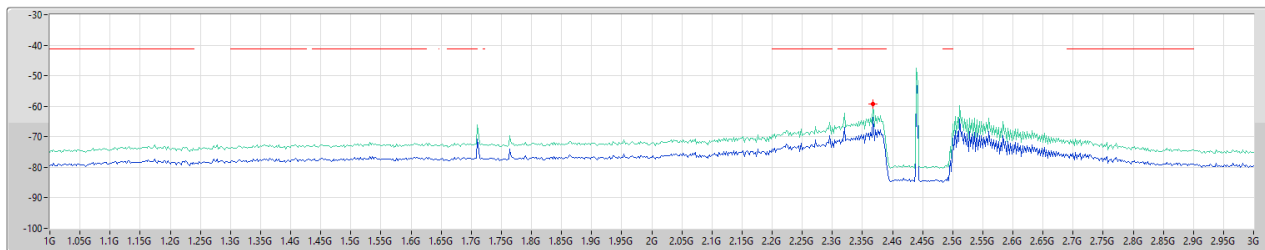
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
1G	3G	1M	PK	2.376G	-42.09	-21.20	-20.89	4.53	0.00	-46.62	-46.62

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Other-DTS [AV]

2440MHz

09/09/2026



Limit.AV
EIRP.AV
Port 1

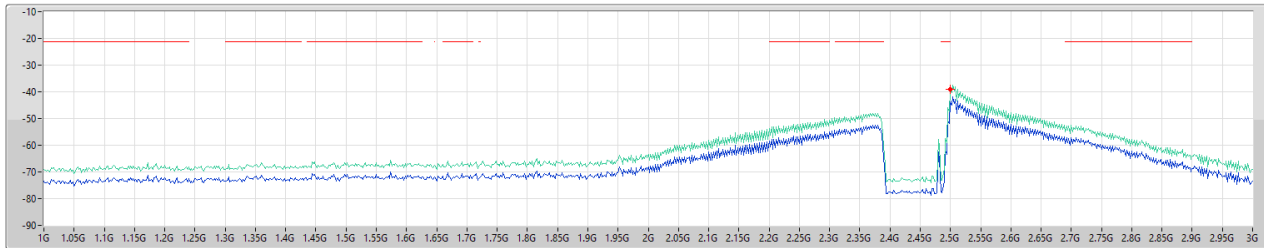
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
1G	3G	1M	AV	2.368G	-59.18	-41.20	-17.98	4.53	0.00	-63.71	-63.71

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Other-DTS [PK]

2480MHz

09/09/2026



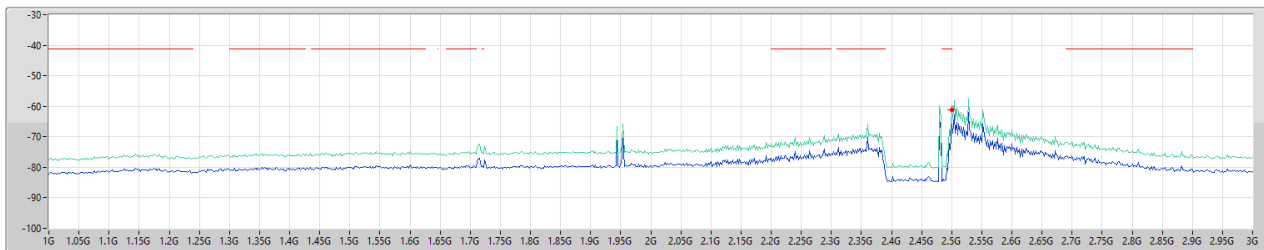
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
1G	3G	1M	PK	2.5G	-39.17	-21.20	-17.97	4.53	0.00	-43.70	-43.70

2.4-2.4835GHz_BT-LE(1Mbps)

CSE Other-DTS [AV]

2480MHz

09/09/2026



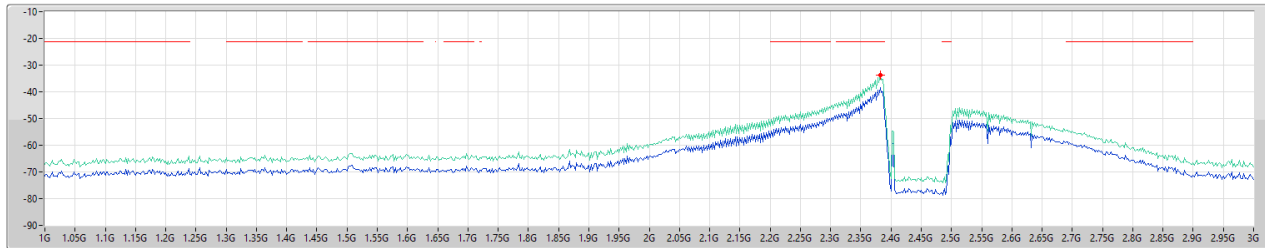
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
1G	3G	1M	AV	2.5G	-61.21	-41.20	-20.01	4.53	0.00	-65.74	-65.74

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Other-DTS [PK]

2402MHz

09/09/2026



Limit.PK
EIRP.PK
Port 1

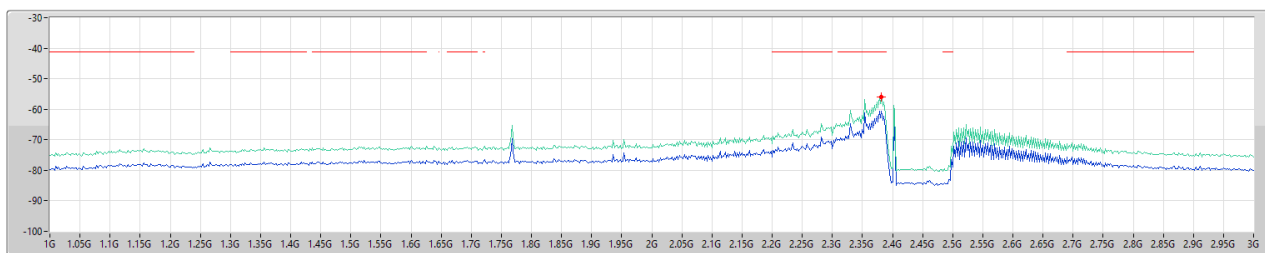
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
1G	3G	1M	PK	2.382G	-33.84	-21.20	-12.64	4.53	0.00	-38.37	-38.37

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Other-DTS [AV]

2402MHz

09/09/2026



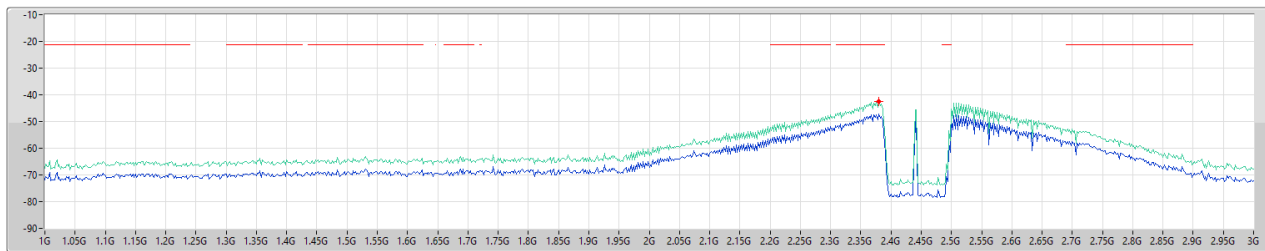
Limit.AV
EIRP.AV
Port 1

F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
1G	3G	1M	AV	2.382G	-55.96	-41.20	-14.76	4.53	0.00	-60.49	-60.49

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Other-DTS [PK]

2440MHz

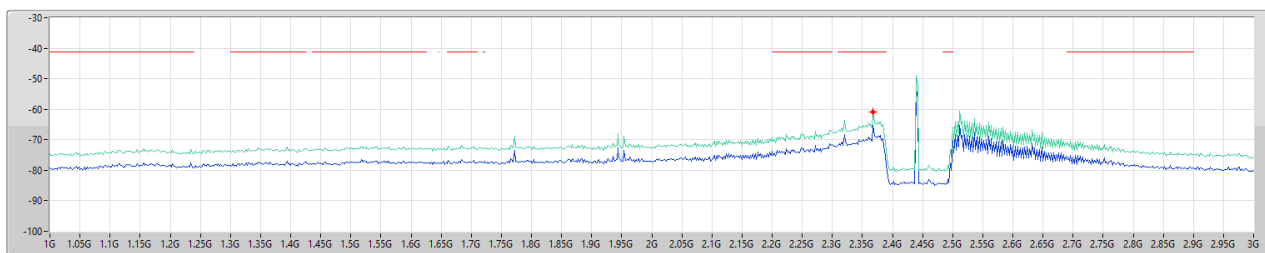


09/09/2026
Limit.PK
EIRP.PK
Port 1

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Other-DTS [AV]

2440MHz



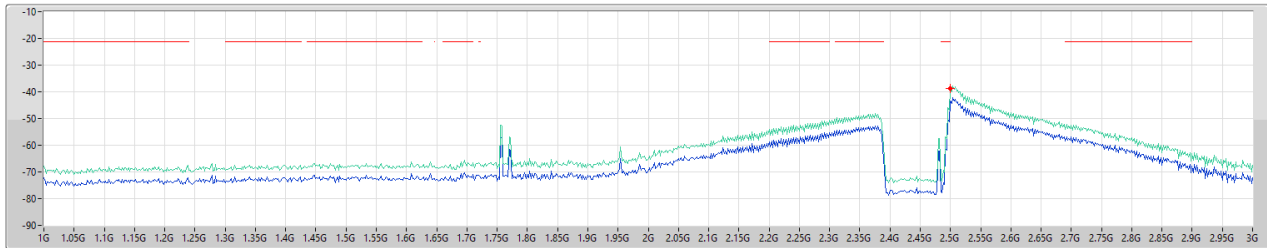
09/09/2026
Limit.AV
EIRP.AV
Port 1

2.4-2.4835GHz_BT-LE(2Mbps)

CSE Other-DTS [PK]

2480MHz

09/09/2026

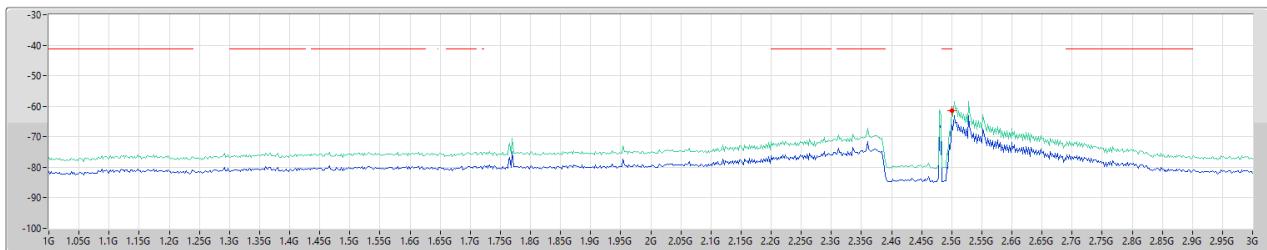


2.4-2.4835GHz_BT-LE(2Mbps)

CSE Other-DTS [AV]

2480MHz

09/09/2026





Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	3G	25G	AV	4.87825G	-41.48	-41.20	-0.28
BT-LE(2Mbps)	Pass	3G	25G	AV	4.804G	-42.23	-41.20	-1.03

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	EIRP (dBm)	Limit (dBm)	Margin (dB)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-
2402MHz	Pass	3G	25G	AV	4.804G	-44.06	-41.20	-2.86
2402MHz	Pass	3G	25G	PK	4.804G	-37.57	-21.20	-16.37
2440MHz	Pass	3G	25G	AV	4.87825G	-41.48	-41.20	-0.28
2440MHz	Pass	3G	25G	PK	4.87825G	-40.95	-21.20	-19.75
2480MHz	Pass	3G	25G	AV	4.958G	-48.44	-41.20	-7.24
2480MHz	Pass	3G	25G	PK	4.96075G	-45.67	-21.20	-24.47
BT-LE(2Mbps)	-	-	-	-	-	-	-	-
2402MHz	Pass	3G	25G	AV	4.804G	-42.23	-41.20	-1.03
2402MHz	Pass	3G	25G	PK	4.80125G	-38.34	-21.20	-17.14
2440MHz	Pass	3G	25G	AV	4.881G	-44.93	-41.20	-3.73
2440MHz	Pass	3G	25G	PK	4.87825G	-40.92	-21.20	-19.72
2480MHz	Pass	3G	25G	AV	4.958G	-51.52	-41.20	-10.32
2480MHz	Pass	3G	25G	PK	4.96075G	-46.49	-21.20	-25.29

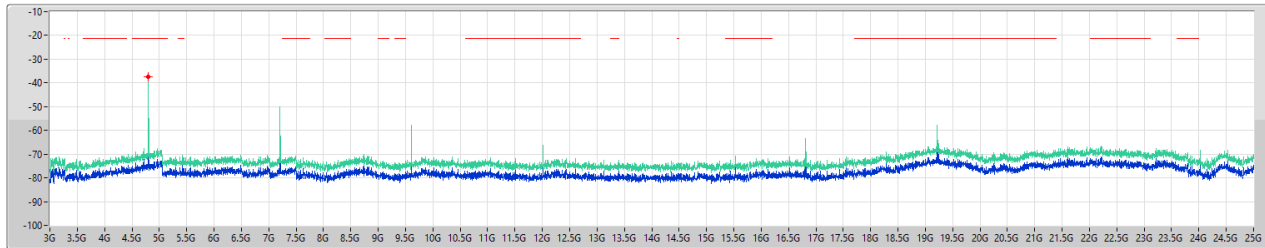
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-DTS [PK]

2402MHz

09/09/2026



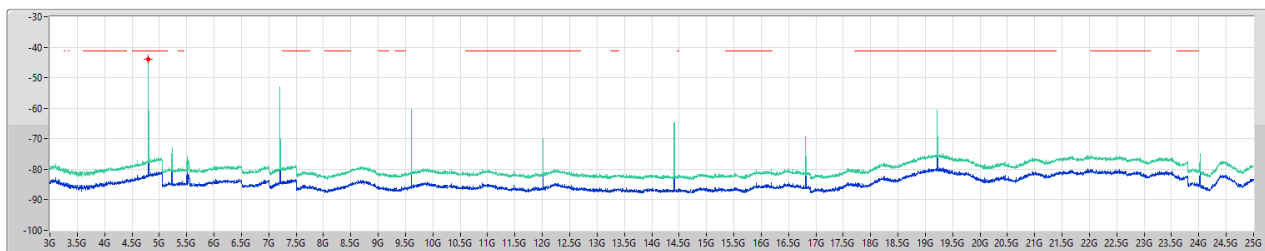
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
3G	25G	1M	PK	4.804G	-37.57	-21.20	-16.37	4.53	0.00	-42.10	-42.10

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-DTS [AV]

2402MHz

09/09/2026

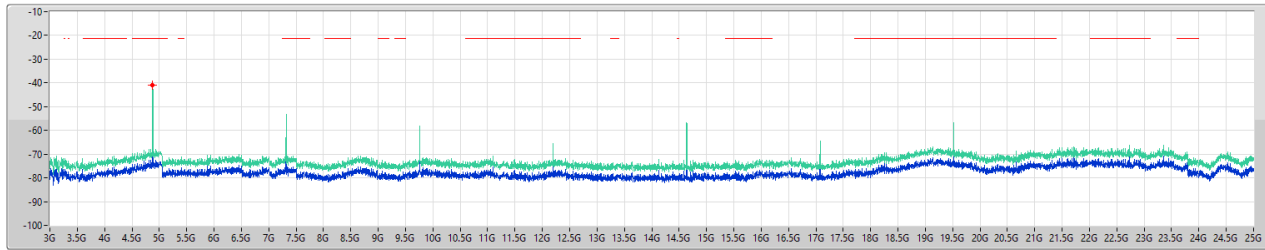


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref(dB)	Psum(dBm)	P1(dBm)
3G	25G	1M	AV	4.804G	-44.06	-41.20	-2.86	4.53	0.00	-48.59	-48.59

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-DTS [PK]

2440MHz



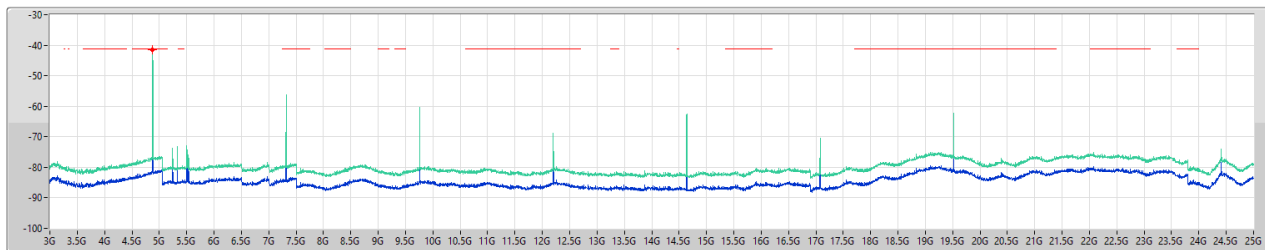
09/09/2026
Limit PK
EIRP PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psum(dBm)	P1(dBm)
3G	25G	1M	PK	4.87825G	-40.95	-21.20	-19.75	4.53	0.00	-45.48	-45.48

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-DTS [AV]

2440MHz



09/09/2026
Limit AV
EIRP AV
Port 1

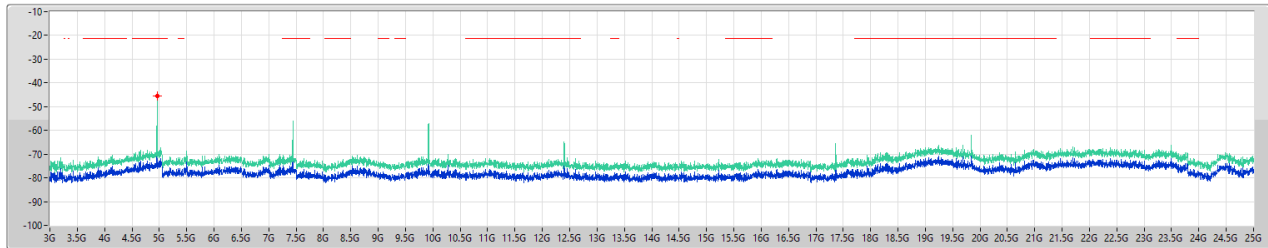
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3G	25G	1M	AV	4.87825G	-41.48	-21.20	-0.28	4.53	0.00	-46.01	-46.01

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-DTS [PK]

2480MHz

09/09/2026



Limit PK
EIRP PK
Port 1

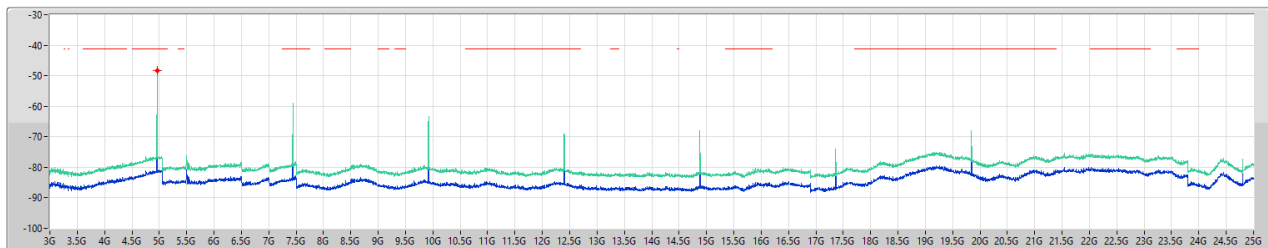
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref1(dB)	Psun(dBm)	P1(dBm)
3G	25G	1M	PK	4.96075G	-45.67	-21.20	-24.47	4.53	0.00	-50.20	-50.20

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-DTS [AV]

2480MHz

09/09/2026



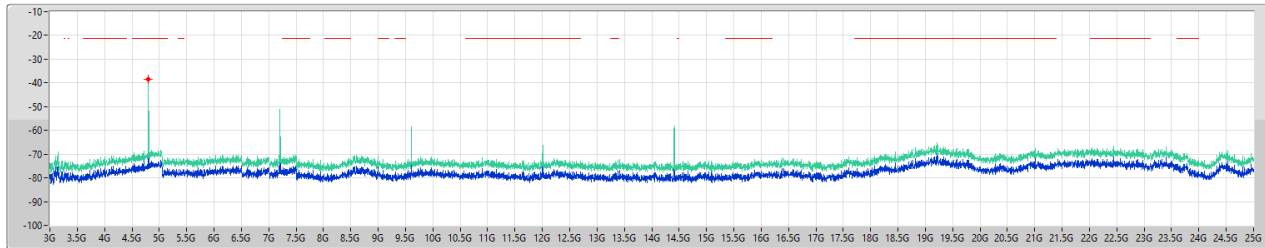
Limit AV
EIRP AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Ref1(dB)	Psun(dBm)	P1(dBm)
3G	25G	1M	AV	4.958G	-48.44	-41.20	-7.24	4.53	0.00	-52.97	-52.97

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-DTS [PK]

2402MHz



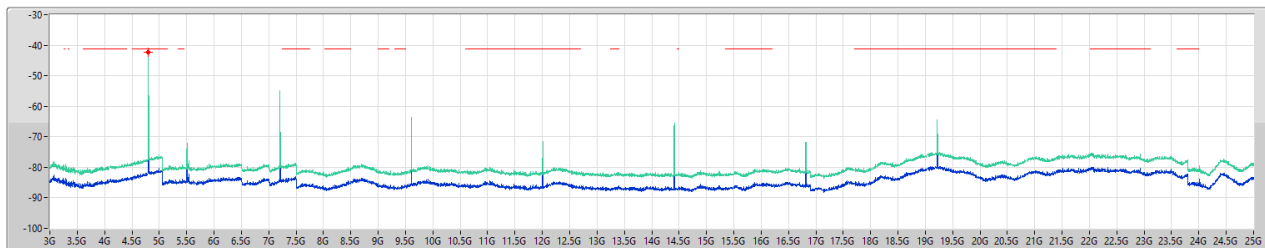
09/09/2026
Limit.PK
EIRP.PK
Port 1

F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
3G	25G	1M	PK	4.80125G	-38.34	-21.20	-17.14	4.53	0.00	-42.87	-42.87

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-DTS [AV]

2402MHz



09/09/2026
Limit.AV
EIRP.AV
Port 1

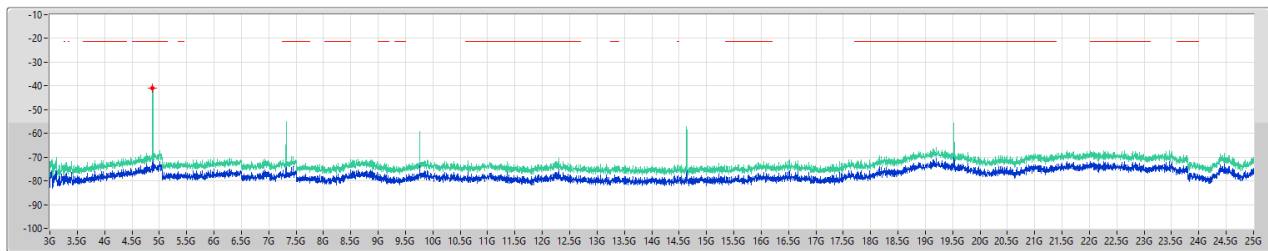
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
3G	25G	1M	AV	4.804G	-42.23	-41.20	-1.03	4.53	0.00	-46.76	-46.76

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-DTS [PK]

2440MHz

09/09/2026



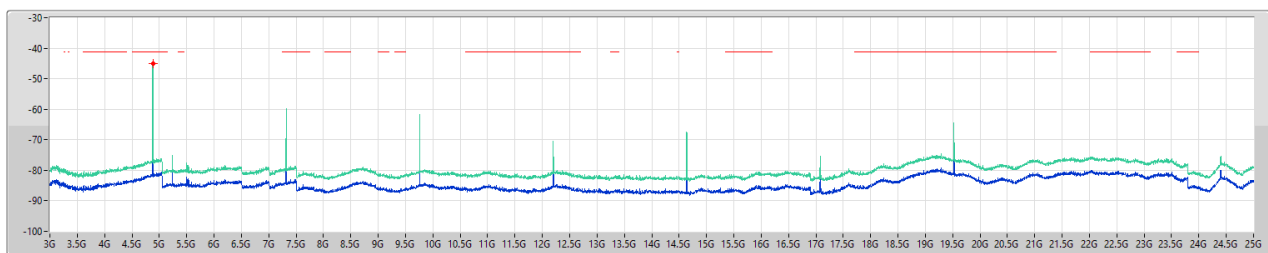
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
3G	25G	1M	PK	4.87825G	-40.92	-21.20	-19.72	4.53	0.00	-45.45	-45.45

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-DTS [AV]

2440MHz

09/09/2026



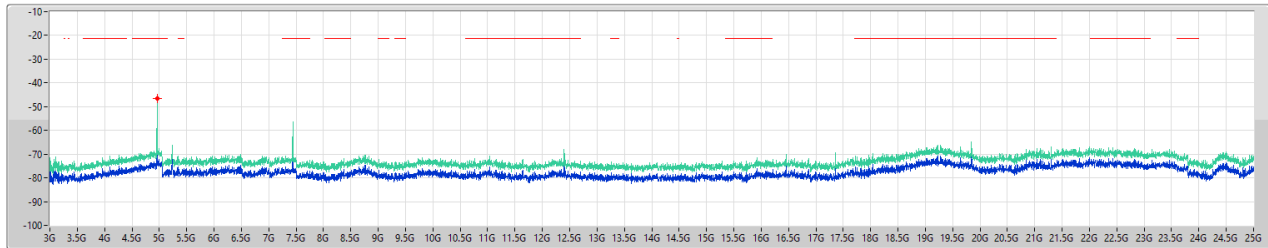
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
3G	25G	1M	AV	4.881G	-44.93	-41.20	-3.73	4.53	0.00	-49.46	-49.46

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-DTS [PK]

2480MHz

09/09/2026



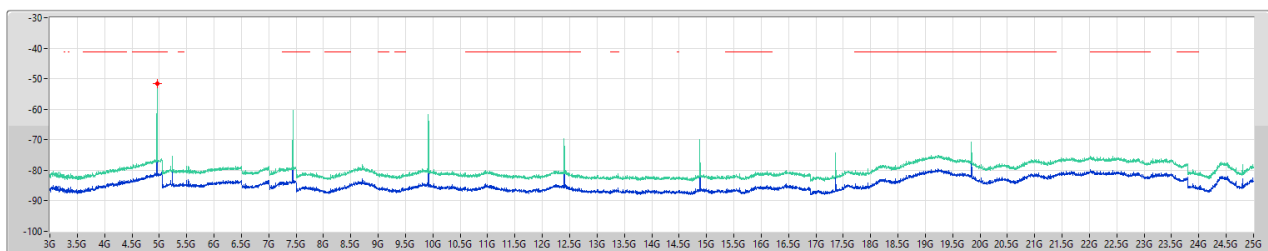
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
3G	25G	1M	PK	4.96075G	-46.49	-21.20	-25.29	4.53	0.00	-51.02	-51.02

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-DTS [AV]

2480MHz

09/09/2026



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	RefI(dB)	Psun(dBm)	P1(dBm)
3G	25G	1M	AV	4.958G	-51.52	-41.20	-10.32	4.53	0.00	-56.05	-56.05

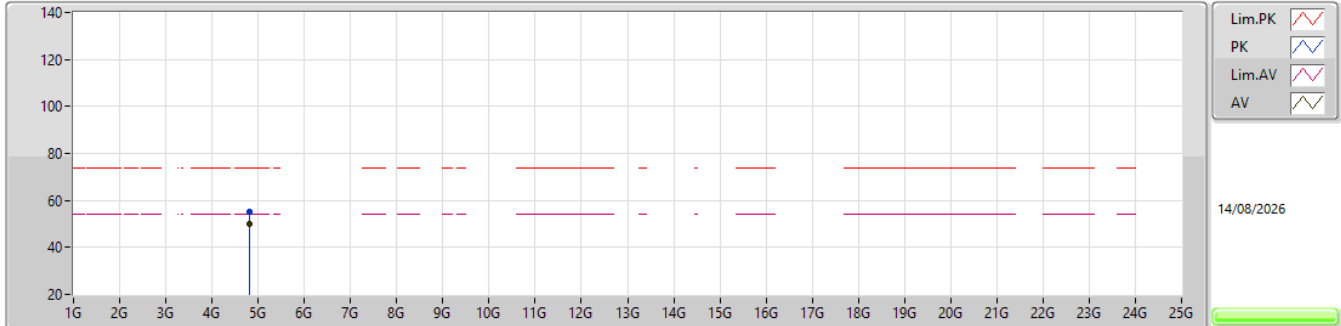


Summary

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-LTE(1Mbps)	Pass	AV	4.80388G	52.81	54.00	-1.19	3	Horizontal	326	1.35	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

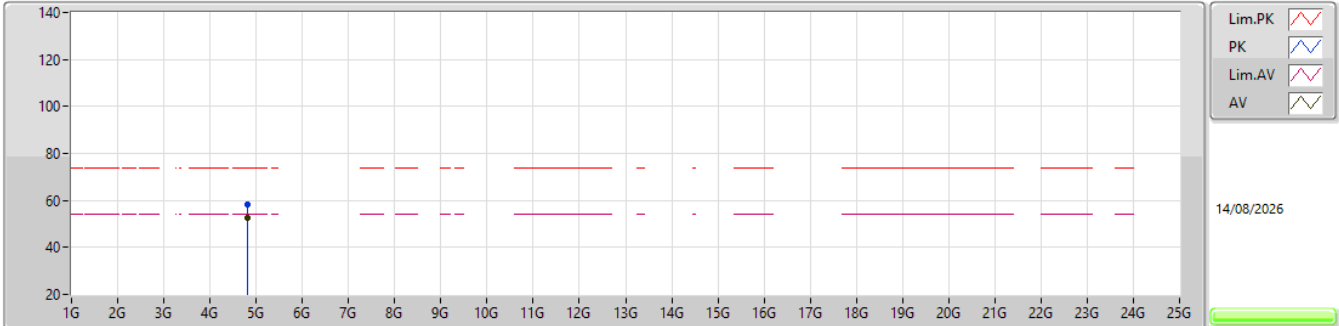


EUT_V_1TX
Setting 11.3
02-Z-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.8046G	55.40	74.00	-18.60	45.75	3	Vertical	305	1.63	-	33.19	7.55	31.09			
AV	4.8037G	50.16	54.00	-3.84	40.51	3	Vertical	305	1.63	-	33.19	7.55	31.09			

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX



EUT_V_1TX
Setting 11.3
02-Z-I-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.80346G	58.30	74.00	-15.70	48.65	3	Horizontal	326	1.35	-	33.19	7.55	31.09			
AV	4.80388G	52.81	54.00	-1.19	43.16	3	Horizontal	326	1.35	-	33.19	7.55	31.09			