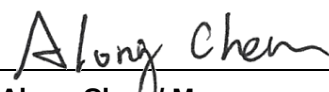


FCC Test Report

FCC ID : IPH-A04825
Equipment : Marine Stereo
Model No. : A04825
Brand Name : GARMIN
Applicant : Garmin International, Inc.
Address : 1200 E. 151st Street Olathe, KS 66062 United States
Standard : 47 CFR FCC Part 15.247
Received Date : Dec. 31, 2025
Tested Date : Mar. 05 ~ Mar. 12, 2026

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:


Along Chen / Manager

Approved by:

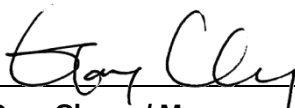

Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FR5D3115AE	Rev. 01	Initial issue	Jun. 03, 2026

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	Note	N/A
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 58.13MHz 30.75 (Margin -9.25dB) - PK	Pass
15.247(b)(3)	Conducted Output Power	Power [dBm]: 5.04	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass
N/A means Not Applicable. Note: The EUT consumes DC power, so the test is not required.			

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information				
Frequency Range (MHz)	Bluetooth Mode	Ch. Freq. (MHz)	Channel Number	Data Rate
2400-2483.5	LE	2402-2480	0-39 [40]	1 Mbps
				2 Mbps
Note: Bluetooth LE (Low energy) uses GFSK modulation.				

1.1.2 Antenna Details

Brand	Model	Type	Connector	Gain (dBi)
GARMIN	105-04827-01	Dipole	No	3.07

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	DC 12V
-------------------	--------

1.1.4 Accessories

Accessories		
No.	Equipment	Description
1	Power + Speaker cable	Brand: Fusion Model: 320-01837-01 0.25m non-shielded without core
2	Audio cable	Brand: Fusion Model: 320-01423-00 0.3m shielded without core
3	Audio cable	Brand: Fusion Model: 320-01022-07 0.2m shielded without core

1.1.5 Channel List

Frequency band (MHz)				2400~2483.5			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
37	2402	9	2422	18	2442	28	2462
0	2404	10	2424	19	2444	29	2464
1	2406	38	2426	20	2446	30	2466
2	2408	11	2428	21	2448	31	2468
3	2410	12	2430	22	2450	32	2470
4	2412	13	2432	23	2452	33	2472
5	2414	14	2434	24	2454	34	2474
6	2416	15	2436	25	2456	35	2476
7	2418	16	2438	26	2458	36	2478
8	2420	17	2440	27	2460	39	2480

1.1.6 Test Tool and Duty Cycle

Test Tool	Hardware, version: 0.5	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
BT-LE(1Mbps)	61.57%	2.11
BT-LE(2Mbps)	59.45%	2.26

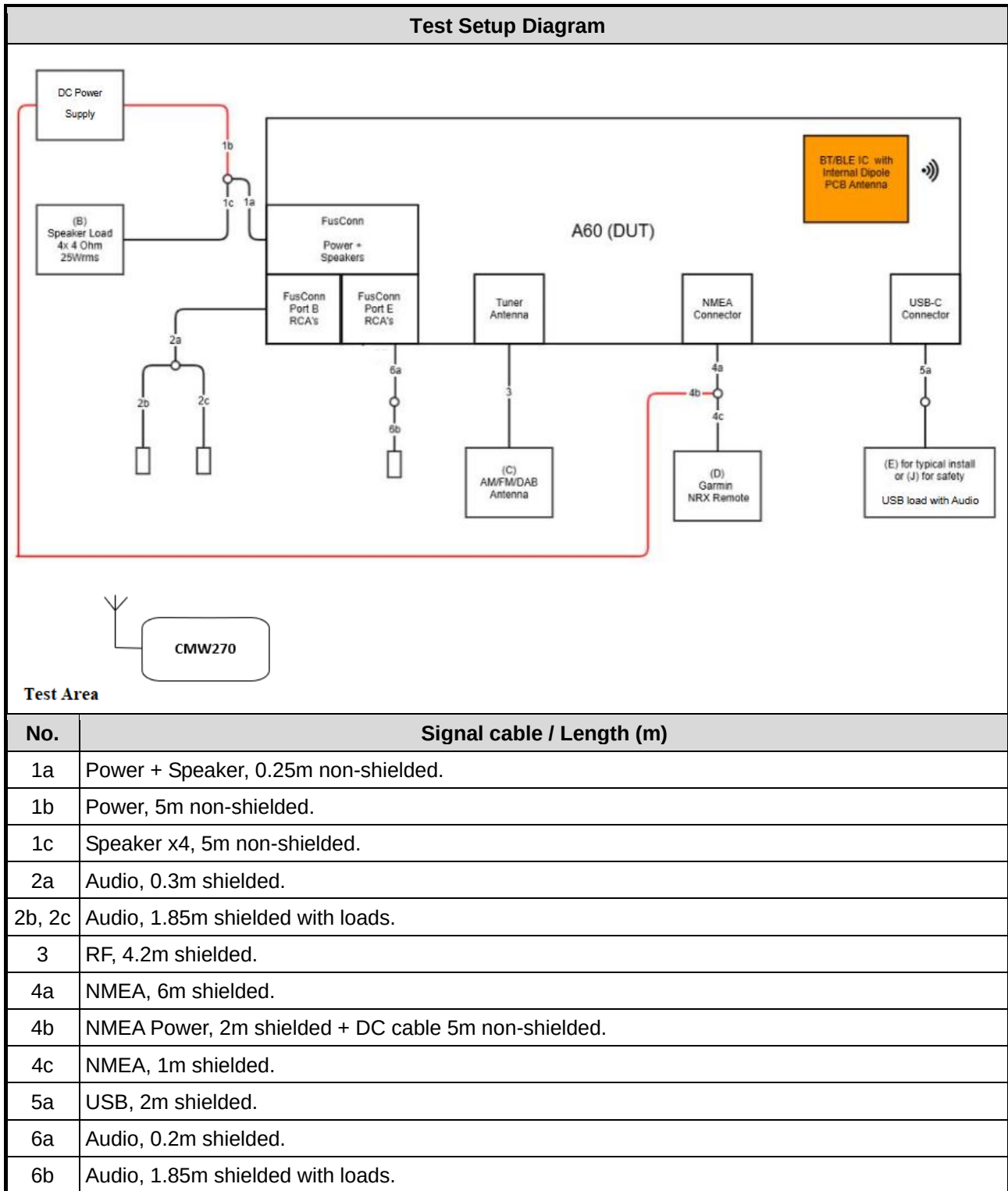
1.1.7 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)		
	2402	2440	2480
BT-LE(1Mbps)	default	default	default
BT-LE(2Mbps)	default	default	default

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1b	power cable	JL AUDIO	CA_PWR_5M	---	Provided by applicant.
1c	Speaker cable	JL AUDIO	CA_SPK_5M	---	Provided by applicant.
B	Speaker load	FUSION	LD_4R100W-4 C	---	Provided by applicant.
2b, 2c	Audio cable with load	JL AUDIO	CA_AUD_1.85 M	---	Provided by applicant.
3	antenna extension cable	Yon Tay	AR3253	---	Provided by applicant.
C	AM/FM antenna	Duratech	AR3260	---	Provided by applicant.
4a	NMEA cable	Garmin	330-00563-20	---	Provided by applicant.
4b	NMEA power cable	Garmin	320-00389-00	---	Provided by applicant.
4c/D	NRX Remote	FUSION	MS-NRX300	---	Provided by applicant.
5a	USB-C Cable Extender	Fusion	320-01674-00	---	Provided by applicant.
E	USB-C Load with audio source	JL AUDIO	LD_USBC_12W 5_AUD	---	Provided by applicant.
6b	Audio cable with load	JL AUDIO	CA_AUD_1.85 M	---	Provided by applicant.
-	DC Power Supply	GW INSTEK	GPE-6030	---	---

1.3 Test Setup Chart



1.4 Test Equipment List and Calibration Data

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Mar. 12, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 26, 2026	Feb. 25, 2027
Spectrum Analyzer	R&S	FSV40	101498	Nov. 06, 2025	Nov. 05, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2025	Nov. 16, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Sep. 05, 2025	Sep. 04, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 19, 2025	Dec. 18, 2026
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 28, 2025	Nov. 27, 2026
Preamplifier	EMC	EMC02325	980225	Jun. 13, 2025	Jun. 12, 2026
Preamplifier	EMC	EMC118A45SE	980898	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 01, 2025	Sep. 30, 2026
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 01, 2025	Sep. 30, 2026
LF cable 11M	EMC	EMCCFD400-NW-N W-11000	200801	Oct. 01, 2025	Sep. 30, 2026
LF cable 1M	EMC	EMCCFD400-NM-N M-1000	160502	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M- 8000	210920	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M- 3000	210922	Oct. 01, 2025	Sep. 30, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 01, 2025	Sep. 30, 2026
Attenuator	Pasternack	PE7005-10	10-1	Oct. 01, 2025	Sep. 30, 2026
HIGHPASS FILTER 3.1-18G	WHK	WHK3.1/18G-10SS	39	Oct. 01, 2025	Sep. 30, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
DC POWER SOURCE	GW INSTEK	GPE-6030	GEZ824073	Oct. 27, 2025	Oct. 26, 2026
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Mar. 05, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2025	Apr. 17, 2026
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2025	Nov. 20, 2026
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2025	Nov. 20, 2026
Attenuator	Pasternack	PE7005-10	10-2	Oct. 03, 2025	Oct. 02, 2026
Measurement Software	Sporton	SENSE-15247_FS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.247

ANSI C63.10-2020

ANSI C63.4-2014 + C63.4a-2017

1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.130 Hz
Conducted power	± 0.808 dB
Power density	± 0.583 dB
Conducted emission	± 2.715 dB
AC conducted emission	± 2.92 dB
Unwanted Emission ≤ 1 GHz	± 3.41 dB
Unwanted Emission > 1 GHz	± 4.59 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISSED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Test Configuration
Unwanted Emissions $\leq$ 1GHz	BT-LE(1Mbps)	2402	---
Unwanted Emissions $>$ 1GHz			
Conducted Output Power	BT-LE(1Mbps)	2402, 2440, 2480	---
6dB bandwidth	BT-LE(2Mbps)	2402, 2440, 2480	
Power spectral density			

3 Transmitter Test Results

3.1 6dB and Occupied Bandwidth

3.1.1 Limit of 6dB Bandwidth

The minimum 6dB bandwidth shall be at least 500 kHz.

3.1.2 Test Procedures

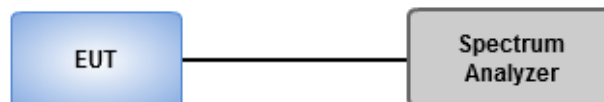
6dB Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Peak, Trace mode = max hold.
3. Sweep = No faster than coupled (auto) time, Allow the trace to stabilize.
4. Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value

Occupied Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Sample, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Use the OBW measurement function of spectrum analyzer to measure the occupied bandwidth.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	20°C / 60%	Tested By	Aska Huang
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Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Conducted power shall not exceed 1Watt.

Antenna gain $\leq 6\text{dBi}$, no any corresponding reduction is in output power limit.

3.2.2 Test Procedures

A broadband RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	20°C / 60%	Tested By	Aska Huang
-------------------	------------	-----------	------------

Refer to Appendix B.

3.3 Power Spectral Density

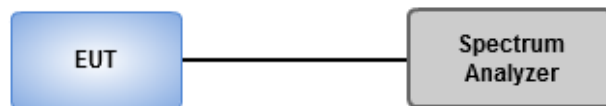
3.3.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

3.3.2 Test Procedures

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = Peak, Sweep time = auto couple.
3. Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	20°C / 60%	Tested By	Aska Huang
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Refer to Appendix C.

3.4 Unwanted Emissions in Restricted Frequency Bands

3.4.1 Limit of Unwanted Emissions in Restricted Frequency Bands

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:
Quasi-Peak value is measured for frequency below 1GHz except for 9~90 kHz, 110~490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.4.2 Test Procedures

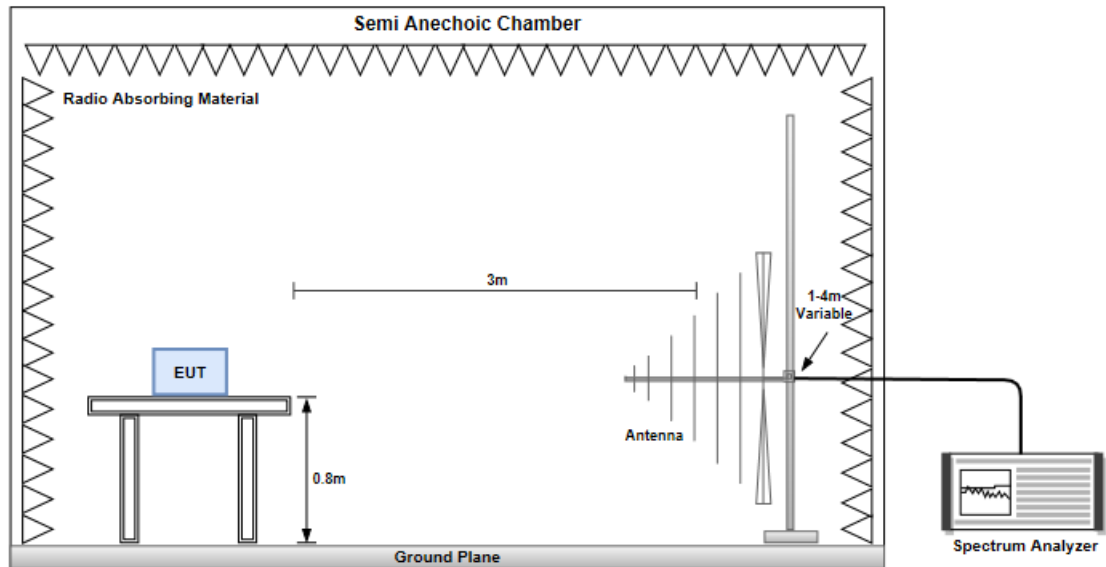
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

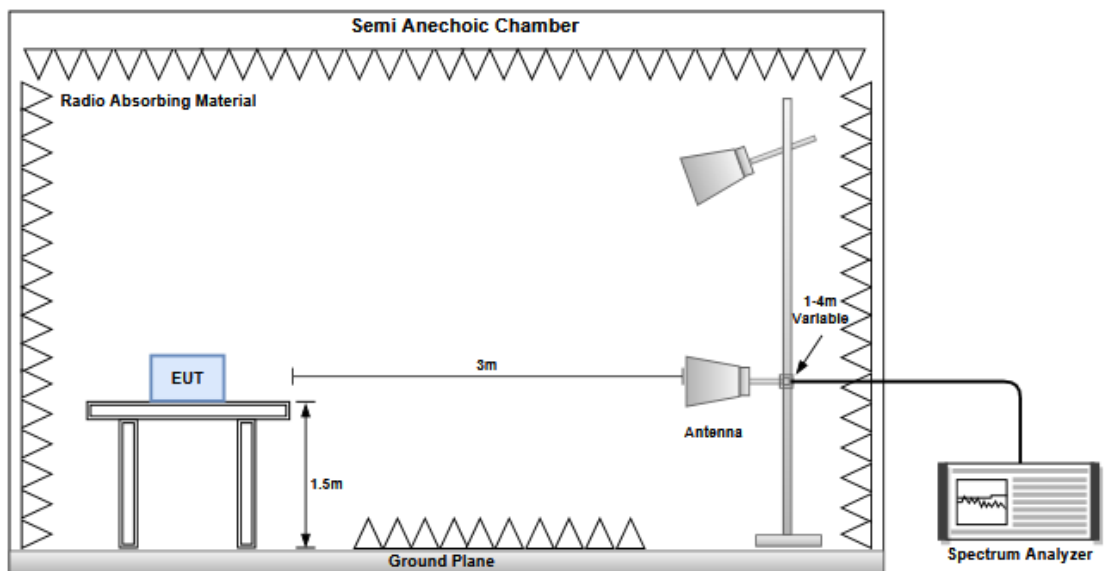
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Emissions in non-restricted Frequency Bands

3.5.1 Emissions in non-restricted frequency bands limit

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.5.2 Test Procedures

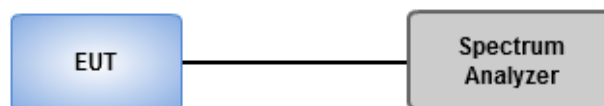
Reference level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 25GHz
4. Use the peak marker function to determine the maximum amplitude level

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	20°C / 60%	Tested By	Aska Huang
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Refer to Appendix E.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou
District, New Taipei City, Taiwan
(R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Zhonghe

Tel: 886-2-2222-0288

1F, No. 6, Jiankang Road, Zhonghe
District, New Taipei City 235045,
Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0155

Email: ICC_Service@icertifi.com.tw

==END==

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)	663.75k	1.012M	1M01F1D	662.5k	1.011M
BT-LE(2Mbps)	1.14M	1.992M	1M99F1D	1.135M	1.989M

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

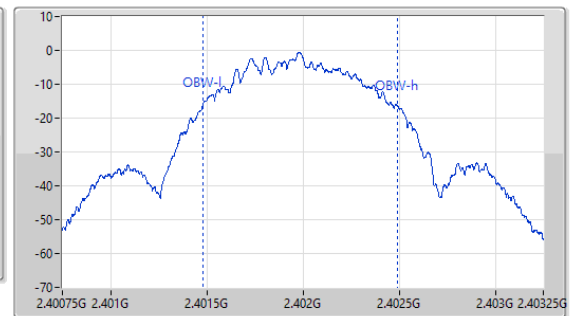
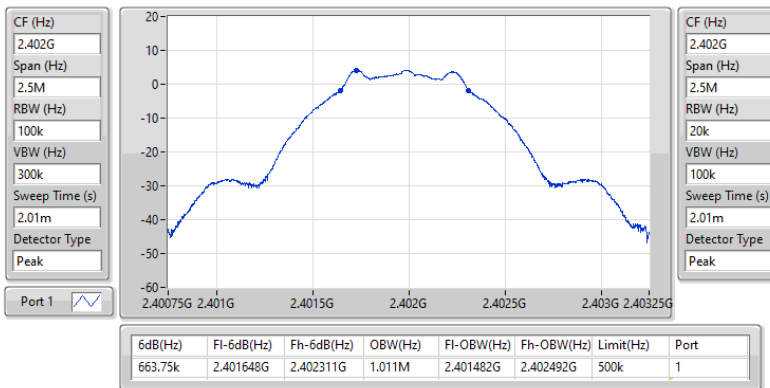
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	663.75k	1.011M
2440MHz	Pass	500k	663.75k	1.012M
2480MHz	Pass	500k	662.5k	1.012M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.14M	1.992M
2440MHz	Pass	500k	1.135M	1.989M
2480MHz	Pass	500k	1.14M	1.989M

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

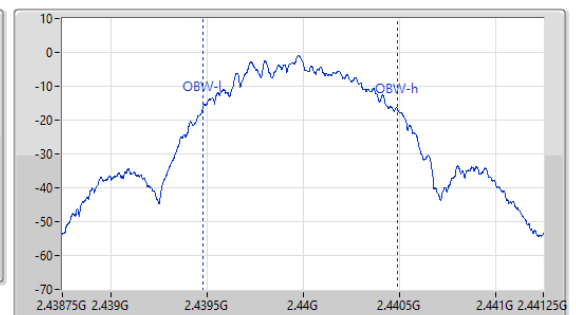
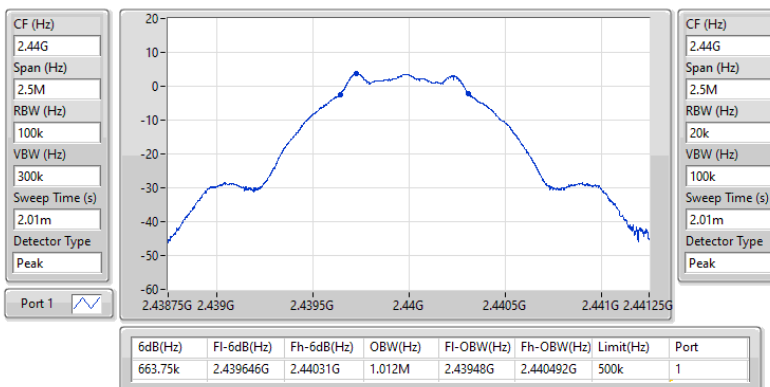
2402MHz



2.4-2.4835GHz_BT-LE(1Mbps)

EBW-DTS

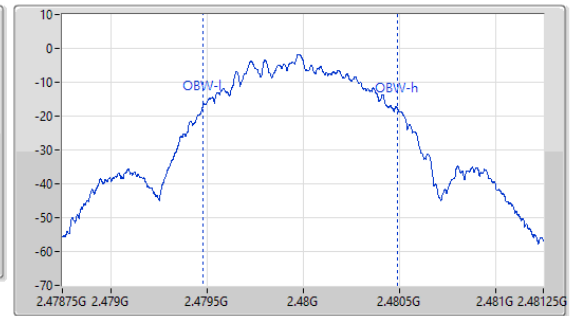
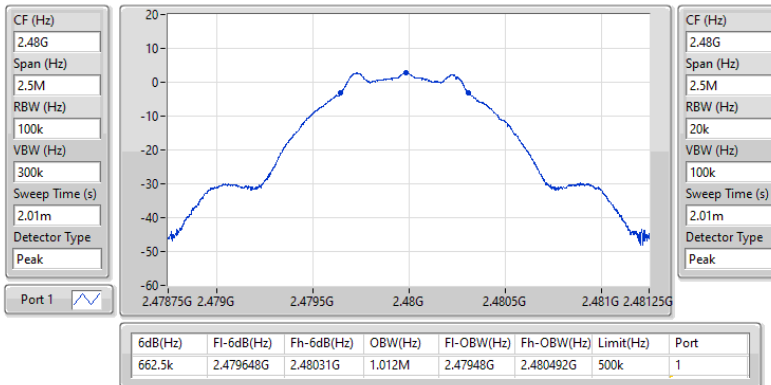
2440MHz



2.4-2.4835GHz_BT-LE(1Mbps)

EBW-DTS

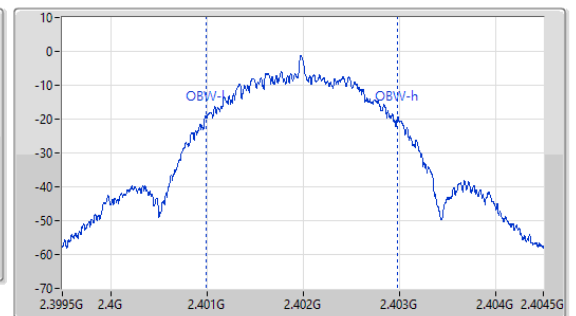
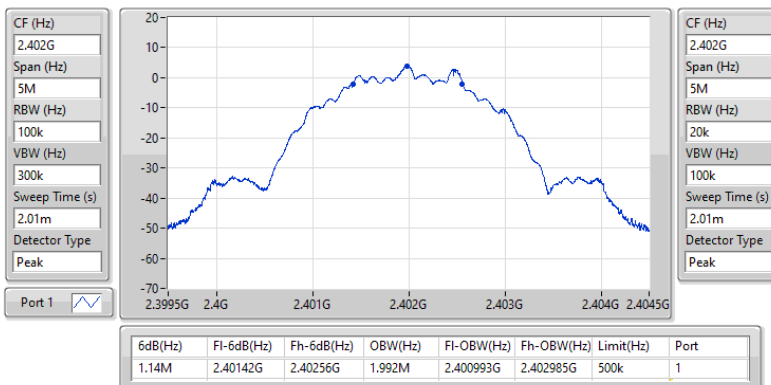
2480MHz



2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

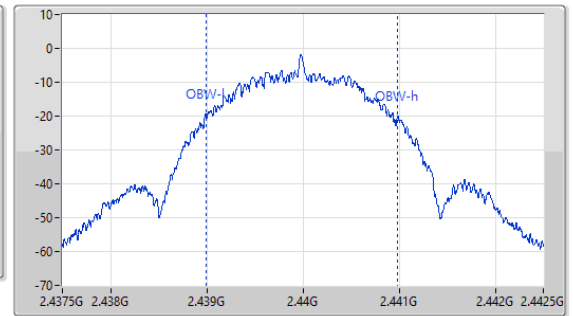
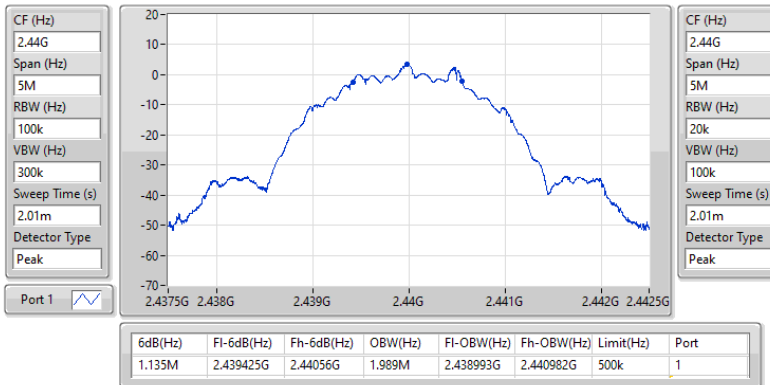
2402MHz



2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

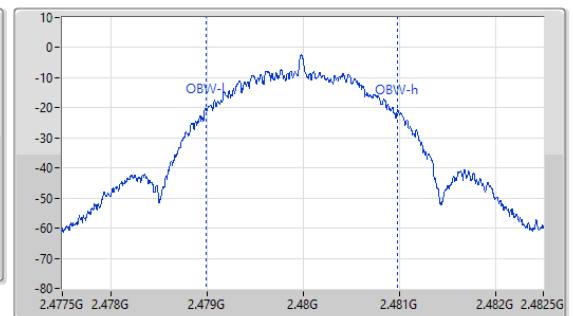
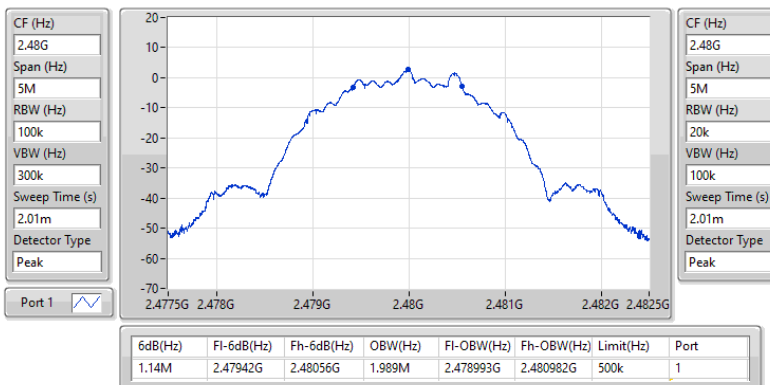
2440MHz



2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

2480MHz





Conducted Output Power (Peak)

Appendix B

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	5.04	0.00319
BT-LE(2Mbps)	4.95	0.00313

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-LE(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	5.04	30.00	8.11	36.00
2440MHz	Pass	3.07	4.59	30.00	7.66	36.00
2480MHz	Pass	3.07	4.22	30.00	7.29	36.00
BT-LE(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	4.95	30.00	8.02	36.00
2440MHz	Pass	3.07	4.49	30.00	7.56	36.00
2480MHz	Pass	3.07	4.11	30.00	7.18	36.00



Conducted Output Power (Average)

Appendix B

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	4.77	0.00300
BT-LE(2Mbps)	4.57	0.00286

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-LE(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	4.77	-	7.84	-
2440MHz	Pass	3.07	4.31	-	7.38	-
2480MHz	Pass	3.07	3.90	-	6.97	-
BT-LE(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	4.57	-	7.64	-
2440MHz	Pass	3.07	4.16	-	7.23	-
2480MHz	Pass	3.07	3.69	-	6.76	-

Note: Average power is for reference only.

**Summary**

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-12.01
BT-LE(2Mbps)	-14.08

Result

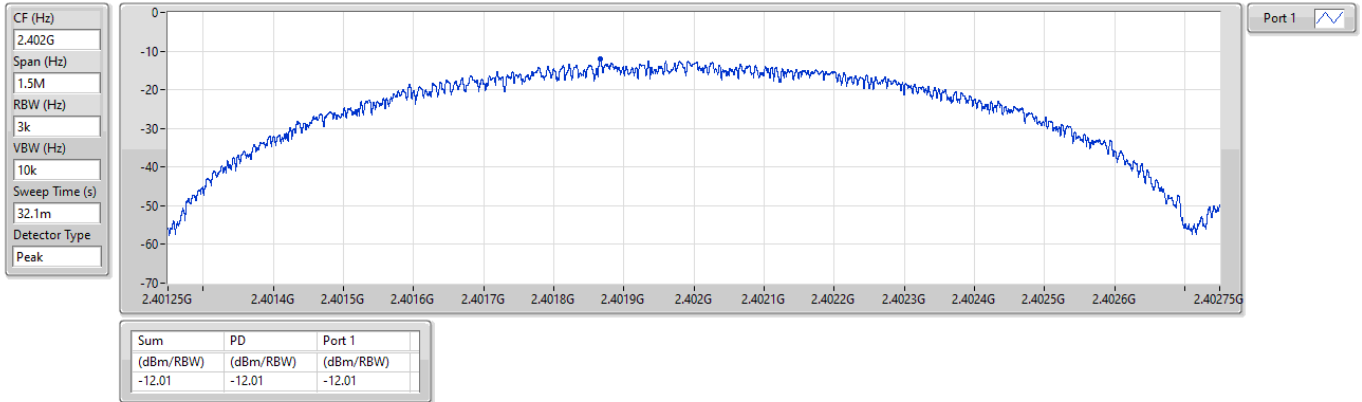
Mode	Result	Antenna Gain (dBi)	Power Density (dBm/3kHz)	Power Density Limit (dBm/3kHz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.07	-12.01	8.00
2440MHz	Pass	3.07	-12.61	8.00
2480MHz	Pass	3.07	-13.88	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.07	-14.08	8.00
2440MHz	Pass	3.07	-14.63	8.00
2480MHz	Pass	3.07	-15.20	8.00



2.4-2.4835GHz_BT-LE(1Mbps)

PSD

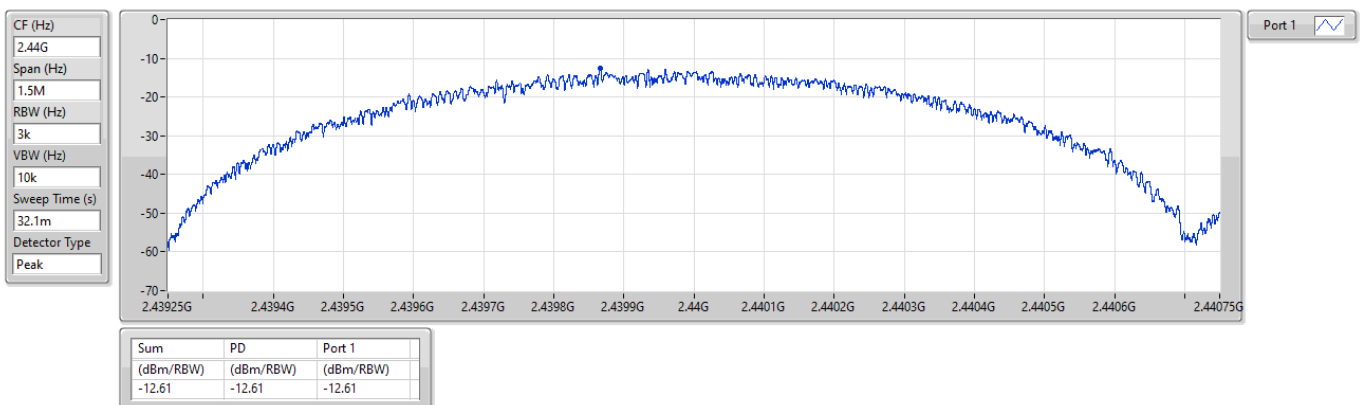
2402MHz



2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2440MHz

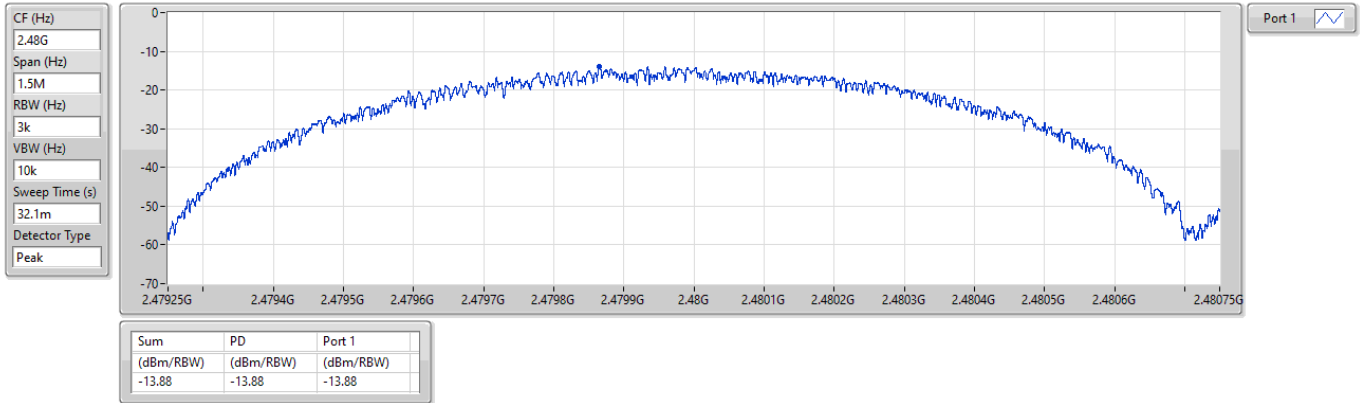




2.4-2.4835GHz_BT-LE(1Mbps)

PSD

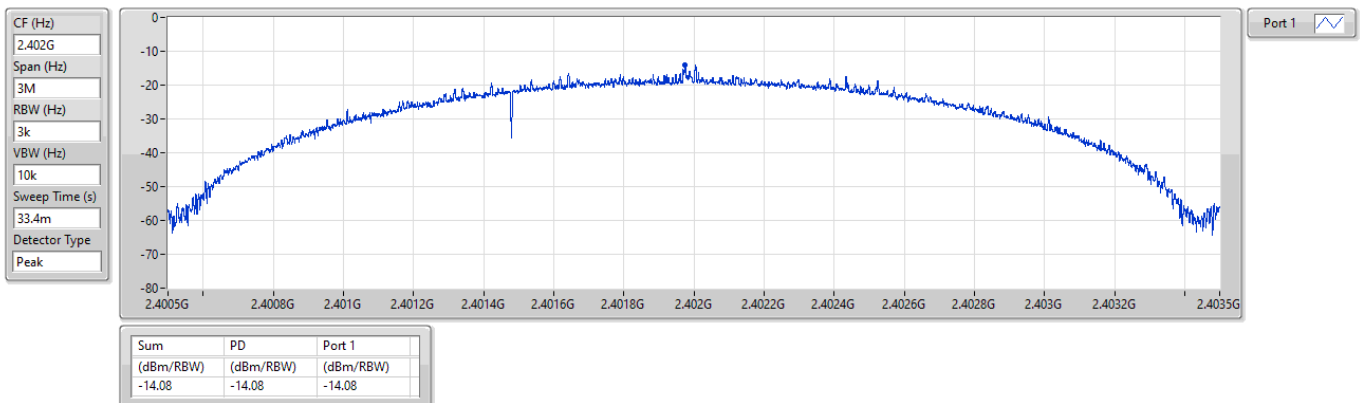
2480MHz



2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2402MHz

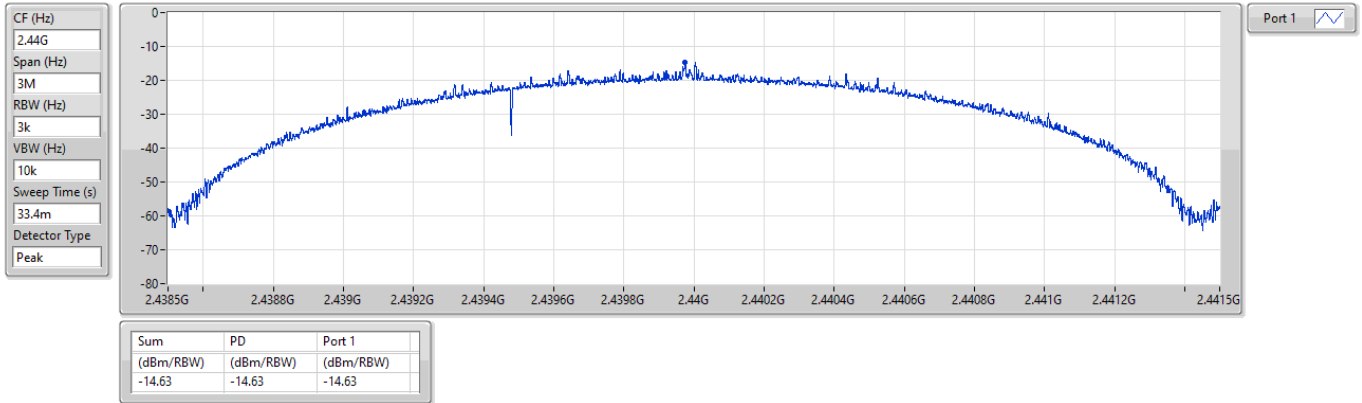




2.4-2.4835GHz_BT-LE(2Mbps)

PSD

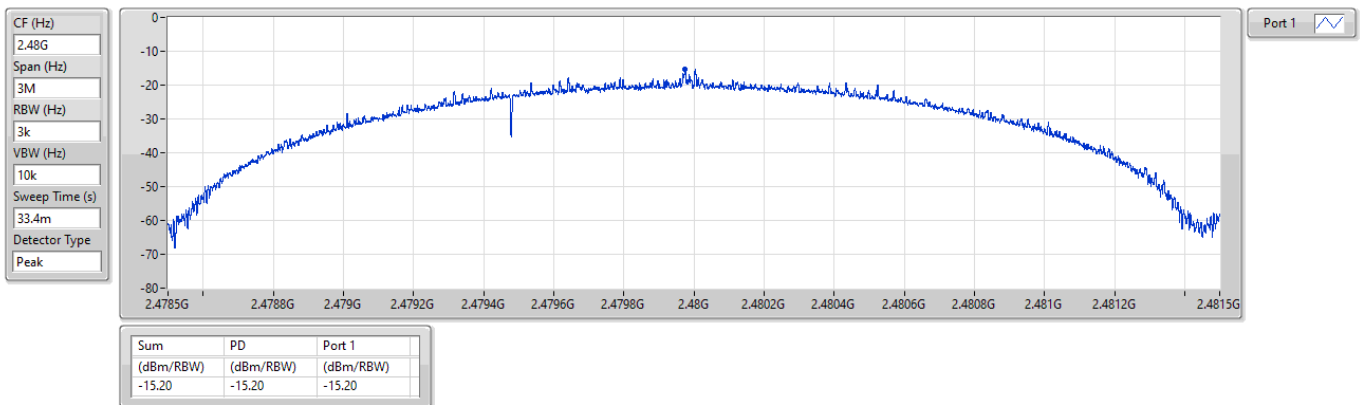
2440MHz



2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2480MHz





Unwanted Emissions (Below 1GHz)

Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402						
Polarization	Horizontal								
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63									
Level (dBUV/m) CLASS-B Frequency (MHz)									
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	57.16	25.31	40.00	-14.69	33.79	-8.48	Peak	---	---
2	249.22	30.80	46.00	-15.20	40.81	-10.01	Peak	---	---
3	310.33	30.37	46.00	-15.63	37.98	-7.61	Peak	---	---
4	503.36	29.13	46.00	-16.87	31.79	-2.66	Peak	---	---
5	612.97	31.47	46.00	-14.53	31.47	0.00	Peak	---	---
6	875.84	36.01	46.00	-9.99	31.79	4.22	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402					
Polarization	Vertical							
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63								
Level (dBUV/m) Frequency (MHz)								
Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
MHz	level			reading			High	Table
	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg
1	58.13	30.75	40.00	-9.25	39.58	-8.83	Peak	---
2	148.34	33.83	43.50	-9.67	42.65	-8.82	Peak	---
3	226.91	26.11	46.00	-19.89	37.95	-11.84	Peak	---
4	251.16	27.38	46.00	-18.62	37.31	-9.93	Peak	---
5	467.47	27.65	46.00	-18.35	31.12	-3.47	Peak	---
6	875.84	35.40	46.00	-10.60	31.18	4.22	Peak	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Unwanted Emissions (Above 1GHz)

Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			

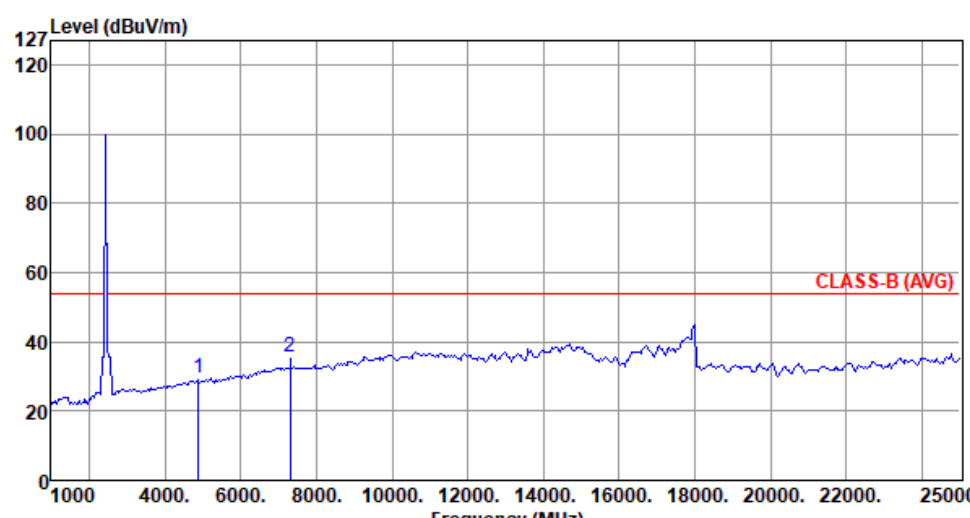


Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal-Peak Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBUV/m)			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2440																														
Polarization	Horizontal-Average Value																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
Level (dBUV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4880.00</td><td>29.33</td><td>54.00</td><td>-24.67</td><td>28.29</td><td>1.04</td><td>Average</td><td>305</td><td>261</td></tr><tr><td>2</td><td>7320.00</td><td>35.60</td><td>54.00</td><td>-18.40</td><td>28.76</td><td>6.84</td><td>Average</td><td>234</td><td>178</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4880.00	29.33	54.00	-24.67	28.29	1.04	Average	305	261	2	7320.00	35.60	54.00	-18.40	28.76	6.84	Average	234	178
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2440																														
Polarization	Vertical-Peak Value																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
Level (dBuV/m) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>4880.00</td><td>42.15</td><td>74.00</td><td>-31.85</td><td>41.11</td><td>1.04</td><td>Peak</td><td>320</td><td>346</td></tr><tr><td>2</td><td>7320.00</td><td>48.72</td><td>74.00</td><td>-25.28</td><td>41.88</td><td>6.84</td><td>Peak</td><td>228</td><td>62</td></tr></tbody></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4880.00	42.15	74.00	-31.85	41.11	1.04	Peak	320	346	2	7320.00	48.72	74.00	-25.28	41.88	6.84	Peak	228	62
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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2	7320.00	48.72	74.00	-25.28	41.88	6.84	Peak	228	62																								



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2440
Polarization	Vertical -Average Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2480
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2480
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2402																																																		
Polarization	Horizontal																																																				
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																																					
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4804.00</td><td>30.22</td><td>54.00</td><td>-23.78</td><td>29.20</td><td>1.02</td><td>Average</td><td>312</td><td>240</td></tr><tr><td>2</td><td>4804.00</td><td>41.69</td><td>74.00</td><td>-32.31</td><td>40.67</td><td>1.02</td><td>Peak</td><td>312</td><td>240</td></tr><tr><td>3</td><td>12010.00</td><td>35.21</td><td>54.00</td><td>-18.79</td><td>26.59</td><td>8.62</td><td>Average</td><td>216</td><td>164</td></tr><tr><td>4</td><td>12010.00</td><td>48.85</td><td>74.00</td><td>-25.15</td><td>40.23</td><td>8.62</td><td>Peak</td><td>216</td><td>164</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4804.00	30.22	54.00	-23.78	29.20	1.02	Average	312	240	2	4804.00	41.69	74.00	-32.31	40.67	1.02	Peak	312	240	3	12010.00	35.21	54.00	-18.79	26.59	8.62	Average	216	164	4	12010.00	48.85	74.00	-25.15	40.23	8.62	Peak	216	164
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
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4	12010.00	48.85	74.00	-25.15	40.23	8.62	Peak	216	164																																												
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																					



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2402
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2440
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2480
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2480
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) </			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402																														
Polarization	Horizontal-Peak Value																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
Level (dBUV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2325.50</td><td>49.17</td><td>74.00</td><td>-24.83</td><td>52.25</td><td>-3.08</td><td>Peak</td><td>120</td><td>346</td></tr><tr><td>2</td><td>2485.50</td><td>48.36</td><td>74.00</td><td>-25.64</td><td>51.90</td><td>-3.54</td><td>Peak</td><td>120</td><td>346</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2325.50	49.17	74.00	-24.83	52.25	-3.08	Peak	120	346	2	2485.50	48.36	74.00	-25.64	51.90	-3.54	Peak	120	346
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402																																								
Polarization	Horizontal-Average Value																																										
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																											
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2312.50</td><td>36.07</td><td>54.00</td><td>-17.93</td><td>39.12</td><td>-3.05</td><td>Average</td><td>120</td><td>346</td></tr><tr><td>2</td><td>2490.75</td><td>35.48</td><td>54.00</td><td>-18.52</td><td>38.97</td><td>-3.49</td><td>Average</td><td>120</td><td>346</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2312.50	36.07	54.00	-17.93	39.12	-3.05	Average	120	346	2	2490.75	35.48	54.00	-18.52	38.97	-3.49	Average	120	346
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Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402																																								
Polarization	Vertical-Peak Value																																										
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																											
Level (dBUV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBUV/m</th><th>dBUV/m</th><th>dB</th><th>dBUV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2318.50</td><td>49.33</td><td>74.00</td><td>-24.67</td><td>52.31</td><td>-2.98</td><td>Peak</td><td>232</td><td>342</td></tr><tr><td>2</td><td>2486.75</td><td>47.91</td><td>74.00</td><td>-26.09</td><td>51.42</td><td>-3.51</td><td>Peak</td><td>232</td><td>342</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg	1	2318.50	49.33	74.00	-24.67	52.31	-2.98	Peak	232	342	2	2486.75	47.91	74.00	-26.09	51.42	-3.51	Peak	232	342
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg																																		
1	2318.50	49.33	74.00	-24.67	52.31	-2.98	Peak	232	342																																		
2	2486.75	47.91	74.00	-26.09	51.42	-3.51	Peak	232	342																																		
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																											



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Polarization	Vertical -Average Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal-Peak Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal-Average Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2440																														
Polarization	Vertical-Peak Value																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>2335.00</td><td>48.57</td><td>74.00</td><td>-25.43</td><td>51.73</td><td>-3.16</td><td>Peak</td><td>176</td><td>350</td></tr><tr><td>2</td><td>2491.75</td><td>47.77</td><td>74.00</td><td>-26.23</td><td>51.26</td><td>-3.49</td><td>Peak</td><td>176</td><td>350</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2335.00	48.57	74.00	-25.43	51.73	-3.16	Peak	176	350	2	2491.75	47.77	74.00	-26.23	51.26	-3.49	Peak	176	350
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2335.00	48.57	74.00	-25.43	51.73	-3.16	Peak	176	350																								
2	2491.75	47.77	74.00	-26.23	51.26	-3.49	Peak	176	350																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2440																																								
Polarization	Vertical -Average Value																																										
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																											
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2320.00</td><td>35.95</td><td>54.00</td><td>-18.05</td><td>38.92</td><td>-2.97</td><td>Average</td><td>176</td><td>350</td></tr><tr><td>2</td><td>2489.25</td><td>35.44</td><td>54.00</td><td>-18.56</td><td>38.93</td><td>-3.49</td><td>Average</td><td>176</td><td>350</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2320.00	35.95	54.00	-18.05	38.92	-2.97	Average	176	350	2	2489.25	35.44	54.00	-18.56	38.93	-3.49	Average	176	350
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2320.00	35.95	54.00	-18.05	38.92	-2.97	Average	176	350																																		
2	2489.25	35.44	54.00	-18.56	38.93	-3.49	Average	176	350																																		
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	BT-LE (1Mbps)		Test Freq. (MHz)		2480	
Polarization	Horizontal-Peak Value					
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63						
Level (dBUV/m) </						



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2480
Polarization	Horizontal-Average Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2480																														
Polarization	Vertical-Peak Value																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2323.50</td><td>48.32</td><td>74.00</td><td>-25.68</td><td>51.35</td><td>-3.03</td><td>Peak</td><td>195</td><td>350</td></tr><tr><td>2</td><td>2496.75</td><td>48.12</td><td>74.00</td><td>-25.88</td><td>51.67</td><td>-3.55</td><td>Peak</td><td>195</td><td>350</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2323.50	48.32	74.00	-25.68	51.35	-3.03	Peak	195	350	2	2496.75	48.12	74.00	-25.88	51.67	-3.55	Peak	195	350
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2323.50	48.32	74.00	-25.68	51.35	-3.03	Peak	195	350																								
2	2496.75	48.12	74.00	-25.88	51.67	-3.55	Peak	195	350																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2480
Polarization	Vertical -Average Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2402
Polarization	Horizontal-Peak Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) </			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2402																														
Polarization	Horizontal-Average Value																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
Level (dBUV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2315.75</td><td>36.00</td><td>54.00</td><td>-18.00</td><td>39.01</td><td>-3.01</td><td>Average</td><td>225</td><td>339</td></tr><tr><td>2</td><td>2498.50</td><td>35.44</td><td>54.00</td><td>-18.56</td><td>38.99</td><td>-3.55</td><td>Average</td><td>225</td><td>339</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2315.75	36.00	54.00	-18.00	39.01	-3.01	Average	225	339	2	2498.50	35.44	54.00	-18.56	38.99	-3.55	Average	225	339
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Modulation	BT-LE (2Mbps)		Test Freq. (MHz)		2402	
Polarization	Vertical-Peak Value					

Test By :Akun Chung-

Temperature(°C):23

Humidity(%):63

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2325.75	49.04	74.00	-24.96	52.13	-3.09	Peak	234	340
2	2498.50	47.84	74.00	-26.16	51.39	-3.55	Peak	234	340

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2402																														
Polarization	Vertical -Average Value																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>2316.50</td><td>36.02</td><td>54.00</td><td>-17.98</td><td>39.03</td><td>-3.01</td><td>Average</td><td>234</td><td>340</td></tr><tr><td>2</td><td>2488.75</td><td>35.59</td><td>54.00</td><td>-18.41</td><td>39.08</td><td>-3.49</td><td>Average</td><td>234</td><td>340</td></tr></tbody></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	2316.50	36.02	54.00	-17.98	39.03	-3.01	Average	234	340	2	2488.75	35.59	54.00	-18.41	39.08	-3.49	Average	234	340
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	2316.50	36.02	54.00	-17.98	39.03	-3.01	Average	234	340																								
2	2488.75	35.59	54.00	-18.41	39.08	-3.49	Average	234	340																								



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal-Peak Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBUV/m)			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal-Average Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2440
Polarization	Vertical-Peak Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBUV/m) <			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2440																																								
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Level (dBUV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBUV/m</th><th>dBUV/m</th><th>dB</th><th>dBUV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2317.50</td><td>36.00</td><td>54.00</td><td>-18.00</td><td>38.99</td><td>-2.99</td><td>Average</td><td>176</td><td>352</td></tr><tr><td>2</td><td>2485.75</td><td>35.65</td><td>54.00</td><td>-18.35</td><td>39.18</td><td>-3.53</td><td>Average</td><td>176</td><td>352</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg	1	2317.50	36.00	54.00	-18.00	38.99	-2.99	Average	176	352	2	2485.75	35.65	54.00	-18.35	39.18	-3.53	Average	176	352
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBUV/m	dBUV/m	dB	dBUV	dB/m		cm	deg																																		
1	2317.50	36.00	54.00	-18.00	38.99	-2.99	Average	176	352																																		
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Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																											



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2480																																								
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Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																											
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission level</th><th>Limit</th><th>Margin</th><th>SA reading</th><th>Factor</th><th>Remark</th><th>ANT High</th><th>Turn Table</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2314.75</td><td>48.25</td><td>74.00</td><td>-25.75</td><td>51.27</td><td>-3.02</td><td>Peak</td><td>208</td><td>340</td></tr><tr><td>2</td><td>2483.50</td><td>54.06</td><td>74.00</td><td>-19.94</td><td>57.60</td><td>-3.54</td><td>Peak</td><td>208</td><td>340</td></tr></table>					Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg	1	2314.75	48.25	74.00	-25.75	51.27	-3.02	Peak	208	340	2	2483.50	54.06	74.00	-19.94	57.60	-3.54	Peak	208	340
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
1	2314.75	48.25	74.00	-25.75	51.27	-3.02	Peak	208	340																																		
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Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																											



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2480																														
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Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
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Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2480
Polarization	Vertical-Peak Value		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) </			



Modulation	BT-LE (2Mbps)	Test Freq. (MHz)	2480																																								
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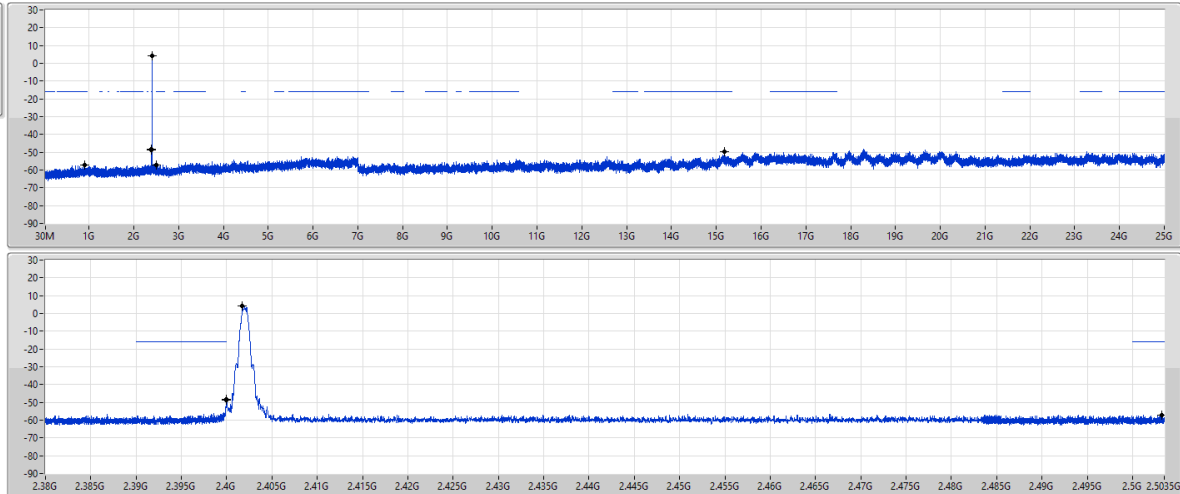


2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

2402MHz

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



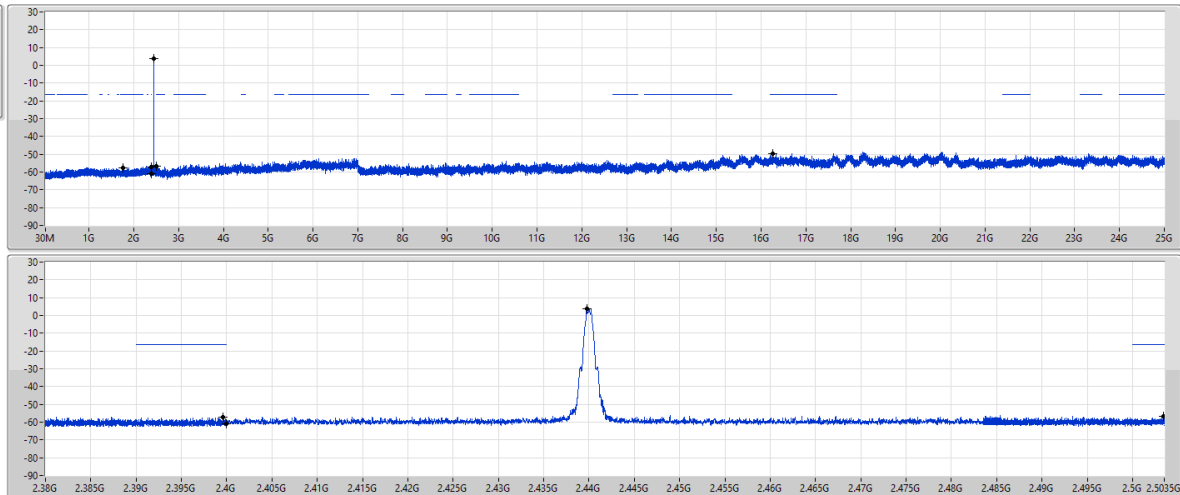
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40173G	4.13	-15.87	907.43M	-57.01	2.39999G	-48.19	2.4G	-48.61	2.50318G	-57.34	15.1845G	-49.53	1

2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

2440MHz

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



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
2.43974G	3.60	-16.40	1.75989G	-57.52	2.39955G	-57.24	2.4G	-60.82	2.50344G	-56.71	16.26152G	-49.63	1

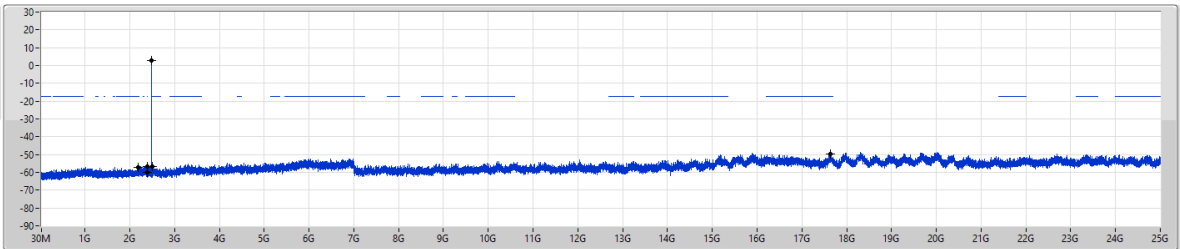


2.4-2.4835GHz_BT-LE(1Mbps)

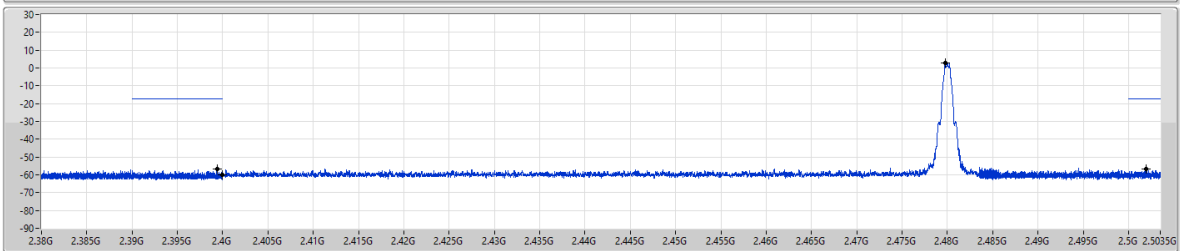
CSEndB-DTS

2480MHz

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



Port 1



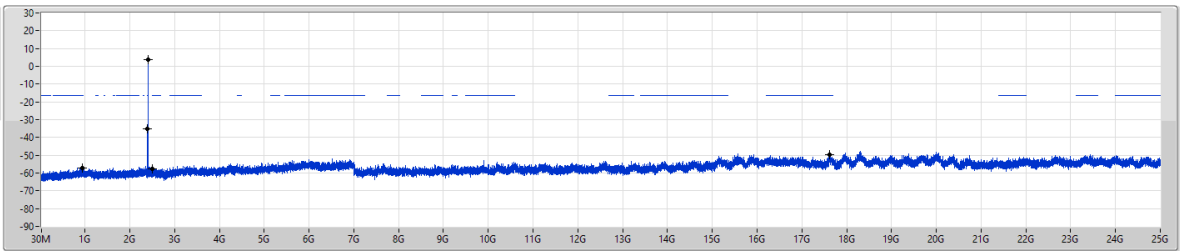
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47974G	2.61	-17.39	2.18113G	-57.19	2.39936G	-56.84	2.4G	-60.15	2.50196G	-56.52	17.64013G	-49.52	1

2.4-2.4835GHz_BT-LE(2Mbps)

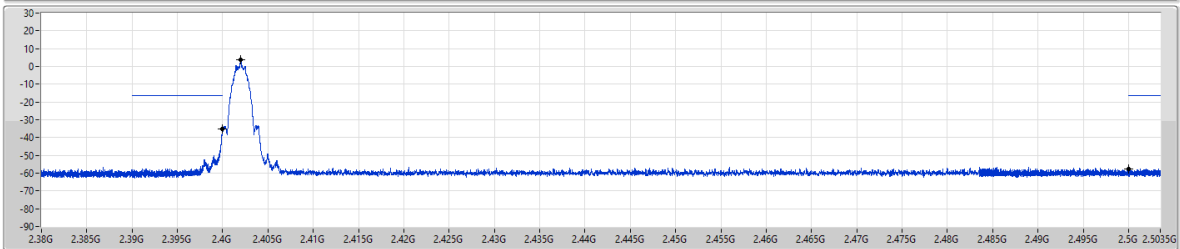
CSEndB-DTS

2402MHz

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



Port 1

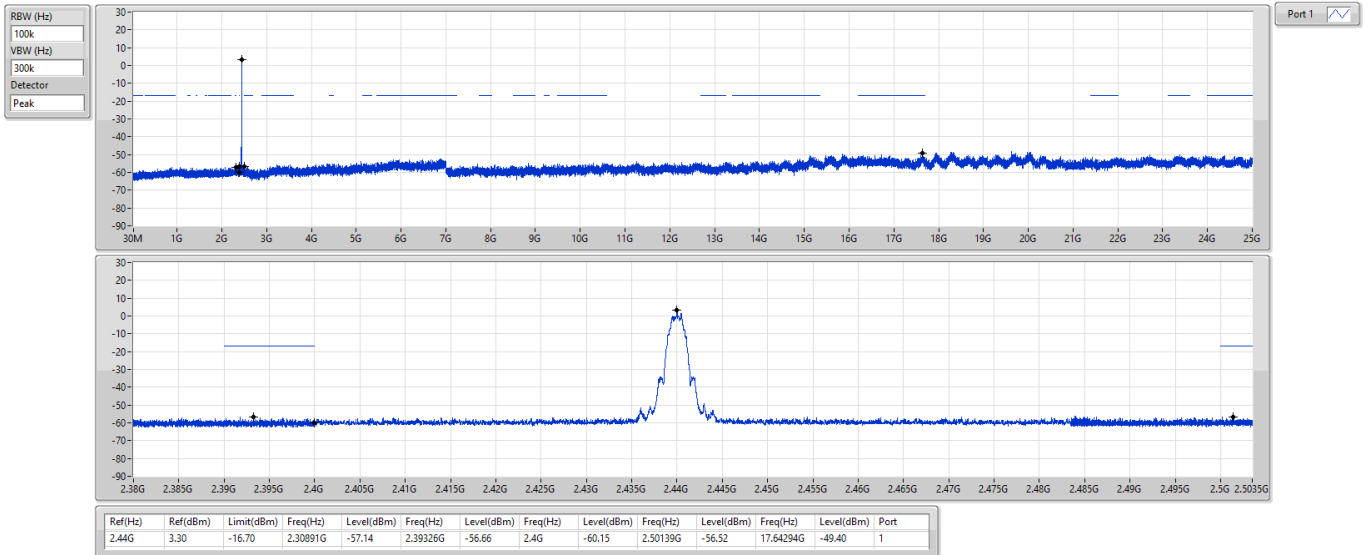


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40199G	3.71	-16.29	950.32M	-57.30	2.39999G	-35.04	2.4G	-35.14	2.5G	-57.58	17.62044G	-49.80	1

2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2440MHz



2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2480MHz

