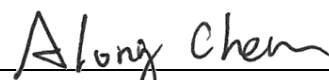


FCC Test Report

FCC ID : 2AWUU60B8501
Equipment : Ruggedized Transportation Gateway
Model No. : KGX61-HW
Brand Name : Verkada
Applicant : VERKADA INC
Address : 405 E. 4th Ave, San Mateo, CA 94401, United States
Standard : 47 CFR FCC Part 15.247
Received Date : Aug. 07, 2026
Tested Date : Aug. 26 ~ Sep. 11, 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:

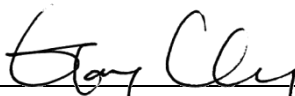

Gary Chang / Manager

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Appendix A. Unwanted Emissions into Restricted Frequency Bands

Appendix B. Unwanted Emissions into Non-Restricted Frequency Bands

Appendix C. Conducted Output Power

Appendix D. Number of Hopping Frequency

Appendix E. 20dB and Occupied Bandwidth

Appendix F. Channel Separation

Appendix G. Number of Dwell Time

Release Record

Report No.	Version	Description	Issued Date
FR680706-1AE	Rev. 01	Initial issue	Oct. 06, 2026

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	Note	N/A
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 749.74MHz 43.98 (Margin -2.02dB) - QP	Pass
15.247(d)	Band Edge	Meet the requirement of limit	Pass
15.247(b)(1)	Conducted Output Power	Power [dBm]: 4.03	Pass
15.247(a)(1)(iii)	Number of Hopping Channels	Meet the requirement of limit	Pass
15.247(a)(1)	Hopping Channel Separation	Meet the requirement of limit	Pass
15.247(a)(1)(iii)	Dwell Time	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass
Note: This product is installed in the vehicle and powered by a DC battery; therefore, this item does not require evaluation.			

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]	125 kbps
				500 kbps
				1 Mbps
		2404-2478	37	2 Mbps
Note: Bluetooth LE (Low energy) uses GFSK modulation.				

1.1.2 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Gain (dBi)
1	Verkada	NYS6940 REV.0	monopole	SMA	2.8

1.1.3 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	48 Vdc / 24 Vdc / 12 Vdc from DC power supply
-------------------	---

1.1.4 Accessories

N/A

1.1.5 Channel List

BT-LE(1 Mbps)							
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

BT-LE(2 Mbps)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
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	---	---
9	2422	18	2442	28	2462	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	tera term, 4.103	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
BT-LE(125kbps)	97.39%	0.12
BT-LE(500kbps)	91.54%	0.38
BT-LE(1Mbps)	86.10%	0.65
BT-LE(2Mbps)	58.28%	2.34

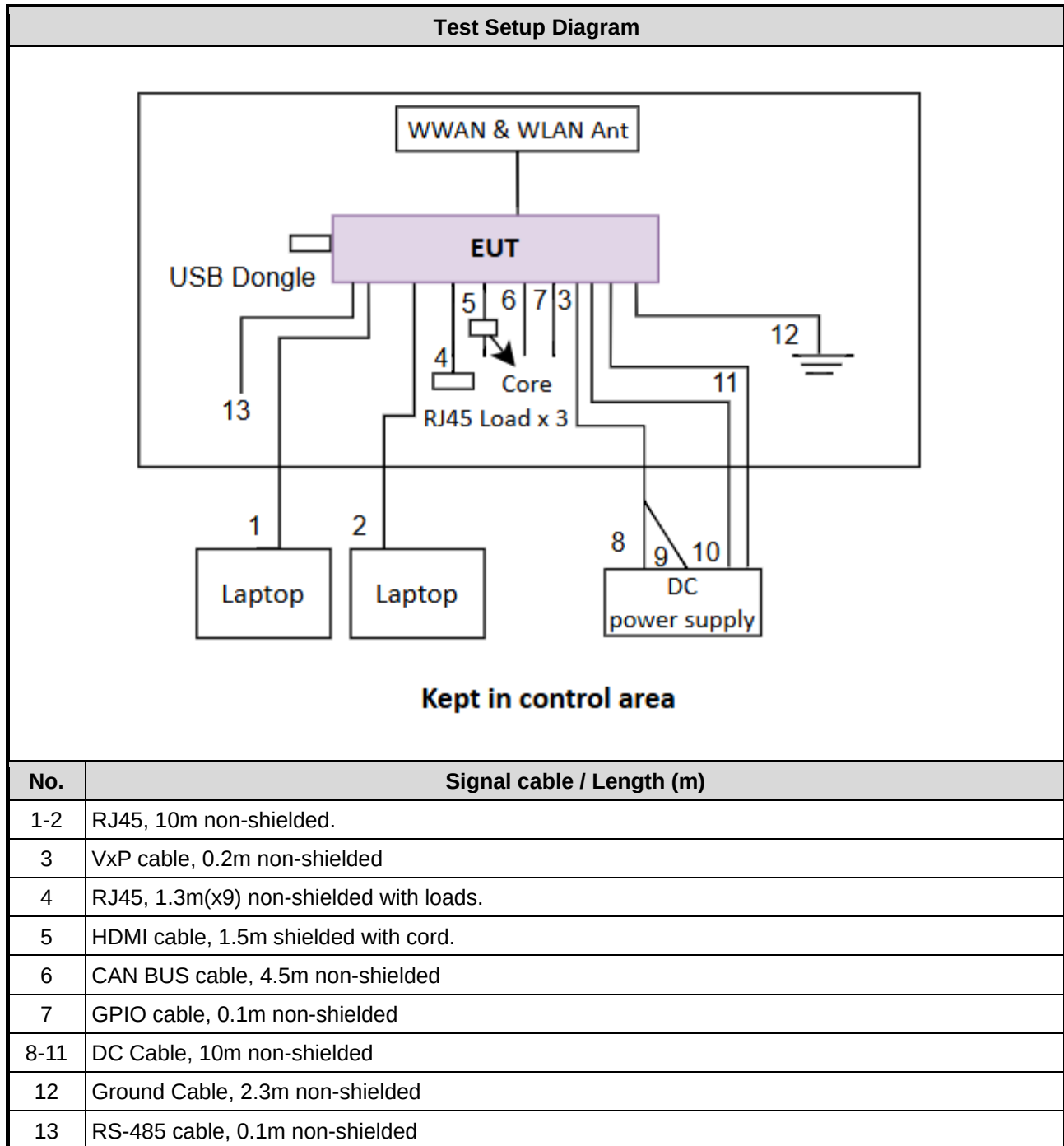
1.1.7 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)		
	2402	2440	2480
BT-LE(125kbps)	1E	1E	1E
BT-LE(500kbps)	1E	1E	1E
BT-LE(1Mbps)	1E	1E	1E
Modulation Mode	2404	2440	2478
BT-LE(2Mbps)	1E	1E	1E

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Laptop	DELL	Latitude 5440	DoC	---
2	Laptop	DELL	Latitude 3440	DoC	---
3	WWAN & WLAN Ant	Verkada	SYNX.7.1G4C2 W.3M.S15.W	---	Provided by applicant.
4	RJ45 Load (x3)	ICC	---	---	---
5	USB Dongle	SanDisk	SDCZ74-032G-Z35	---	Provided by applicant.
6	DC power supply	GW Instek	GPE-6030	---	---

1.3 Test Setup Chart



1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Aug. 26 ~ Sep. 11, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Apr. 02, 2026	Apr. 01, 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
Preamplifier	Agilent	83017A	MY39501308	Nov. 24, 2025	Nov. 23, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-1950	May. 21, 2026	May. 20, 2027
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 28, 2025	Nov. 27, 2026
Preamplifier	EMC	EMC02325	980225	Jun. 03, 2026	Jun. 02, 2027
Preamplifier	EMC	EMC118A45SE	980898	Jul. 01, 2026	Jun. 30, 2027
Preamplifier	EMC	EMC184045SE	980903	Aug. 06, 2026	Aug. 05, 2027
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
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Sep. 08, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 06, 2026	Jun. 05, 2027
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 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024

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
Unwanted Emission ≤ 1 GHz	± 3.41 dB
Unwanted Emission > 1 GHz	± 4.59 dB
Time	$\pm 0.1\%$

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(2Mbps)	2404	---
Unwanted Emissions $>$ 1GHz	BT-LE(1Mbps) BT-LE(2Mbps)	2402, 2440, 2480 2404, 2440, 2478	---
Conducted Output Power 20dB and Occupied bandwidth Hopping Channel Separation	BT-LE(125kbps) BT-LE(500kbps) BT-LE(1Mbps) BT-LE(2Mbps)	2402, 2440, 2480 2402, 2440, 2480 2402, 2440, 2480 2404, 2440, 2478	---
Number of Hopping Channels	BT-LE(125kbps) BT-LE(500kbps) BT-LE(1Mbps) BT-LE(2Mbps)	2402 2402 2402 2404	---
Dwell Time	BT-LE(125kbps) BT-LE(500kbps) BT-LE(1Mbps) BT-LE(2Mbps)	2402, 2450 2402, 2450 2402, 2450 2404, 2450	---

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.

*The EUT supports dual power supplies (Primary: 48V DC, Auxiliary: 12/24V DC). The worst-case testing was performed using the 48V primary power supply.

3 Transmitter Test Results

3.1 Unwanted Emissions into Restricted Frequency Bands

3.1.1 Limit of Unwanted Emissions into 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:
Qusai-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.

3.1.2 Test Procedures

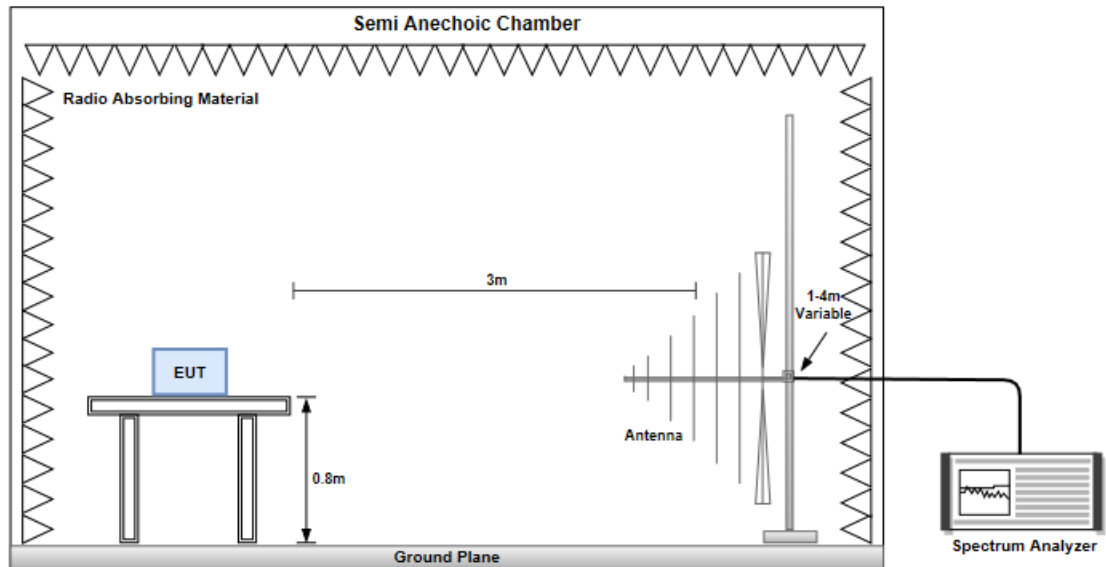
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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:

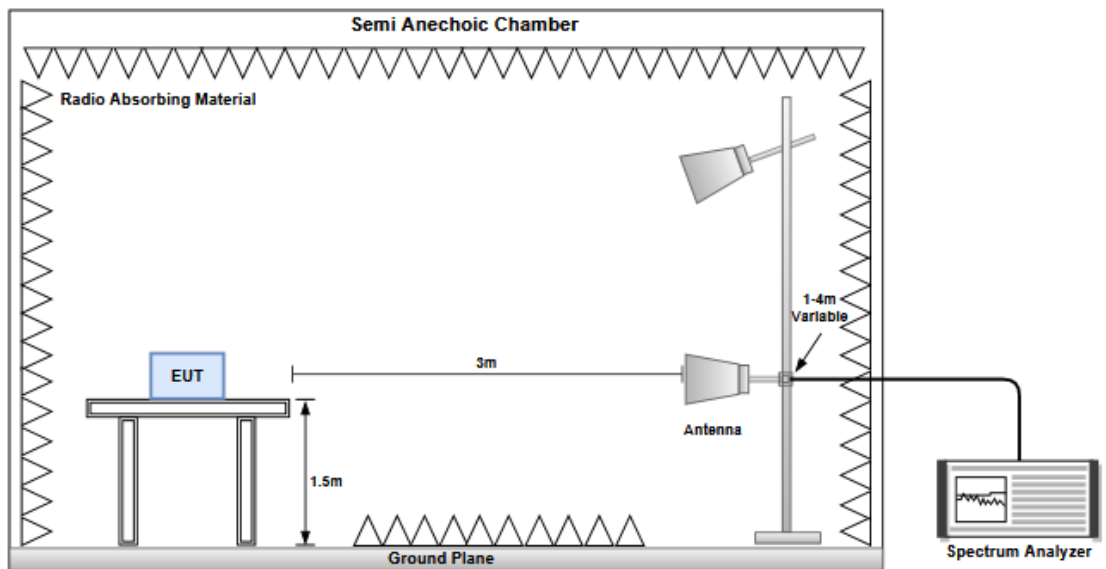
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.1.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.1.4 Test Results

Refer to Appendix A.

3.2 Unwanted Emissions into Non-Restricted Frequency Bands

3.2.1 Limit of Unwanted Emissions into Non-Restricted Frequency Bands

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.

3.2.2 Test Procedures

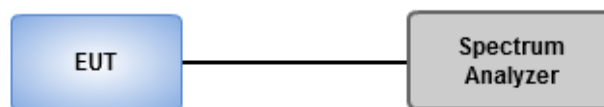
Reference level measurement

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

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	21°C / 69%	Tested By	Roger Lu
-------------------	------------	-----------	----------

Refer to Appendix B.

3.3 Conducted Output Power

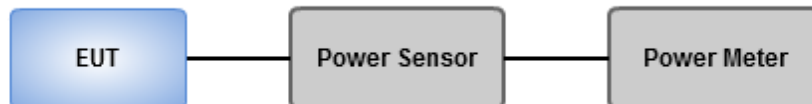
3.3.1 Limit of Conducted Output Power

0.125 Watt

3.3.2 Test Procedures

1. A wideband power meter is used for power measurement. Bandwidth of power sensor and meter is 50MHz
2. 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

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	21°C / 69%	Tested By	Roger Lu
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Refer to Appendix C.

3.4 Number of Hopping Frequency

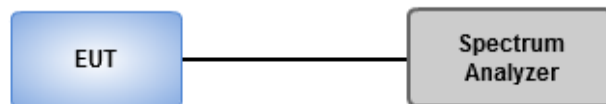
3.4.1 Limit of Number of Hopping Frequency

Frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels.

3.4.2 Test Procedures

1. Set RBW = 100kHz, VBW = 300kHz, Sweep time = Auto, Detector = Peak Trace max hold.
2. Allow trace to stabilize.

3.4.3 Test Setup



3.4.4 Test Results

Ambient Condition	21°C / 69%	Tested By	Roger Lu
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Refer to Appendix D.

3.5 20dB and Occupied Bandwidth

3.5.1 Test Procedures

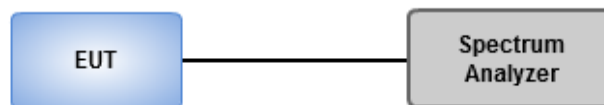
20dB Bandwidth

1. Set RBW=20kHz / 30 kHz, VBW=100kHz, Sweep time = Auto, Detector=Peak , Trace max hold
2. Allow trace to stabilize
3. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

Occupied Bandwidth

1. Set RBW=20kHz, VBW=100kHz, Sweep time = Auto, Detector=Sample , Trace max hold
2. Allow trace to stabilize
3. Use Occupied bandwidth function of spectrum analyzer to measuring 99% occupied bandwidth

3.5.2 Test Setup



3.5.3 Test Results

Ambient Condition	21°C / 69%	Tested By	Roger Lu
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Refer to Appendix E.

3.6 Channel Separation

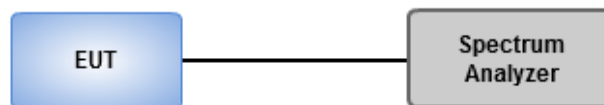
3.6.1 Limit of Channel Separation

- ☐ Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.
- ☒ Frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

3.6.2 Test Procedures

1. Set RBW=30kHz, VBW=100kHz, Sweep time = Auto, Detector=Peak Trace max hold
2. Allow trace to stabilize
3. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The EUT shall show compliance with the appropriate regulatory limit

3.6.3 Test Setup



3.6.4 Test Results

Ambient Condition	21°C / 69%	Tested By	Roger Lu
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Refer to Appendix F.

3.7 Number of Dwell Time

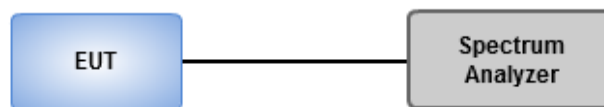
3.7.1 Limit of Dwell time

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

3.7.2 Test Procedures

1. Set RBW=300 kHz, VBW=1 MHz, Sweep time=8 /16 ms, Detector=Peak, Span=0 Hz, Trace max hold.
2. Enable gating and trigger function of spectrum analyzer to measure burst on time.
3. Enable gating and trigger function of spectrum analyzer to measure burst on number of transmissions of entire time cycle.

3.7.3 Test Setup



3.7.4 Test Results

Ambient Condition	21°C / 69%	Tested By	Roger Lu
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Refer to Appendix G.

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==



Unwanted Emissions (Below 1GHz)

Modulation	BT-LE(2Mbps)		Test Freq. (MHz)		2404																																																																																										
Polarization	Horizontal																																																																																														
Test By :Brad Wu-		Temperature(°C):22		Humidity(%):66																																																																																											
Level (dBuV/m) CLASS-B Frequency (MHz) <table><thead><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>55.22</td><td>31.45</td><td>40.00</td><td>-8.55</td><td>40.13</td><td>-8.68</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>159.98</td><td>39.78</td><td>43.50</td><td>-3.72</td><td>48.42</td><td>-8.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>250.19</td><td>36.06</td><td>46.00</td><td>-9.94</td><td>46.03</td><td>-9.97</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>329.73</td><td>36.28</td><td>46.00</td><td>-9.72</td><td>43.40</td><td>-7.12</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>536.34</td><td>36.72</td><td>46.00</td><td>-9.28</td><td>38.78</td><td>-2.06</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>749.74</td><td>43.98</td><td>46.00</td><td>-2.02</td><td>41.53</td><td>2.45</td><td>QP</td><td>113</td><td>67</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). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.							Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table									cm	deg	1	55.22	31.45	40.00	-8.55	40.13	-8.68	Peak	---	---	2	159.98	39.78	43.50	-3.72	48.42	-8.64	Peak	---	---	3	250.19	36.06	46.00	-9.94	46.03	-9.97	Peak	---	---	4	329.73	36.28	46.00	-9.72	43.40	-7.12	Peak	---	---	5	536.34	36.72	46.00	-9.28	38.78	-2.06	Peak	---	---	6	749.74	43.98	46.00	-2.02	41.53	2.45	QP	113	67
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Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2404																																																																																
Polarization	Vertical																																																																																		
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	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																																																										
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																																																										
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Unwanted Emissions (Above 1GHz)

Modulation	BT-LE(1Mbps)		Test Freq. (MHz)		2402				
Polarization	Horizontal								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62									
<									



Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2402
Polarization	Vertical		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) </			



Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBUV/m) <			



Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2440
Polarization	Vertical		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBUV/m) <			



Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2480
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBUV/m)			



Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2480
Polarization	Vertical		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBUV/m) <			



Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2404																																																								
Polarization	Horizontal-Peak																																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																											
Level (dBUV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4808.00</td><td>42.29</td><td>74.00</td><td>-31.71</td><td>41.39</td><td>0.90</td><td>Peak</td><td>100</td><td>122</td></tr><tr><td>2</td><td>12020.00</td><td>49.50</td><td>74.00</td><td>-24.50</td><td>41.09</td><td>8.41</td><td>Peak</td><td>100</td><td>149</td></tr></table>											Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	4808.00	42.29	74.00	-31.71	41.39	0.90	Peak	100	122	2	12020.00	49.50	74.00	-24.50	41.09	8.41	Peak	100	149
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																		
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		dBuV/m			dBuV			cm	deg																																																		
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Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2404																														
Polarization	Horizontal-Average																																
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																	
Level (dBUV/m) <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>4808.00</td><td>27.48</td><td>54.00</td><td>-26.52</td><td>26.58</td><td>0.90</td><td>Average</td><td>100</td><td>122</td></tr><tr><td>2</td><td>12020.00</td><td>36.48</td><td>54.00</td><td>-17.52</td><td>28.07</td><td>8.41</td><td>Average</td><td>100</td><td>149</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	4808.00	27.48	54.00	-26.52	26.58	0.90	Average	100	122	2	12020.00	36.48	54.00	-17.52	28.07	8.41	Average	100	149
	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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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)		2404																																																			
Polarization	Vertical-Peak																																																							
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																								
Level (dBUV/m) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4808.00</td><td>42.16</td><td>74.00</td><td>-31.84</td><td>41.26</td><td>0.90</td><td>Peak</td><td>100</td><td>168</td></tr><tr><td>2</td><td>12020.00</td><td>49.91</td><td>74.00</td><td>-24.09</td><td>41.50</td><td>8.41</td><td>Peak</td><td>100</td><td>252</td></tr></table>								Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	4808.00	42.16	74.00	-31.84	41.26	0.90	Peak	100	168	2	12020.00	49.91	74.00	-24.09	41.50	8.41	Peak	100	252
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																															
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Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2404																																								
Polarization	Vertical-Average																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
Level (dBUV/m) 127 120 100 80 60 40 20 0 1000. 4000. 6000. 8000. 10000. 12000. 14000. 16000. 18000. 20000. 22000. 25000 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>4808.00</td><td>27.55</td><td>54.00</td><td>-26.45</td><td>26.65</td><td>0.90</td><td>Average</td><td>100</td><td>168</td></tr><tr><td>2</td><td>12020.00</td><td>36.39</td><td>54.00</td><td>-17.61</td><td>27.98</td><td>8.41</td><td>Average</td><td>100</td><td>252</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	4808.00	27.55	54.00	-26.45	26.65	0.90	Average	100	168	2	12020.00	36.39	54.00	-17.61	27.98	8.41	Average	100	252
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
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Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBUV/m)			



Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2440
Polarization	Vertical		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m)			



Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2478
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBUV/m) </			

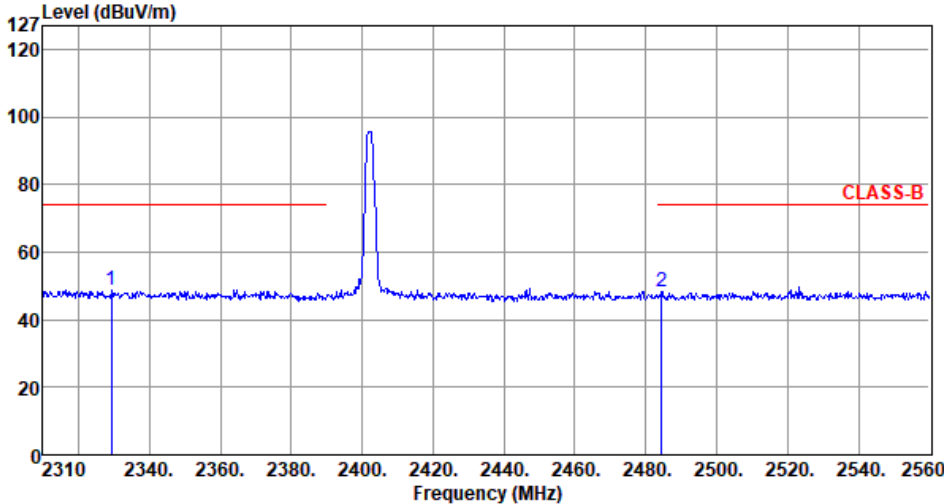


Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2478
Polarization	Vertical		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBUV/m) </			



Band Edge measurement

Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2402																																																		
Polarization	Horizontal-Peak																																																				
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																					
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2329.25</td><td>48.87</td><td>74.00</td><td>-25.13</td><td>52.12</td><td>-3.25</td><td>Peak</td><td>177</td><td>70</td></tr><tr><td>2</td><td>2484.50</td><td>48.37</td><td>74.00</td><td>-25.63</td><td>52.01</td><td>-3.64</td><td>Peak</td><td>177</td><td>70</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2329.25	48.87	74.00	-25.13	52.12	-3.25	Peak	177	70	2	2484.50	48.37	74.00	-25.63	52.01	-3.64	Peak	177	70
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
		dBuV/m			dBuV			cm	deg																																												
1	2329.25	48.87	74.00	-25.13	52.12	-3.25	Peak	177	70																																												
2	2484.50	48.37	74.00	-25.63	52.01	-3.64	Peak	177	70																																												
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).																																																					



Band Edge measurement

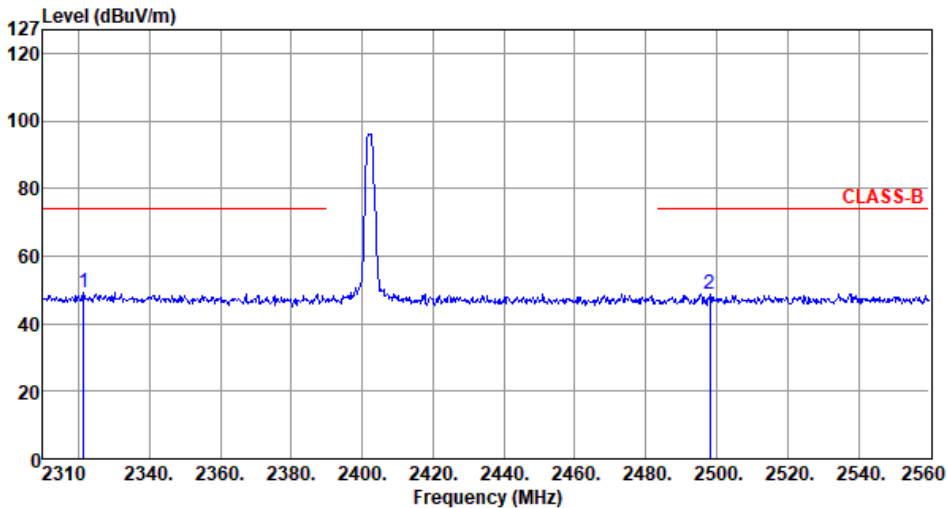
Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2402
Polarization	Horizontal-Average		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) <			



Band Edge measurement

Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2402																														
Polarization	Vertical-Peak																																
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																	
Level (dBuV/m)  <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>2321.50</td><td>49.11</td><td>74.00</td><td>-24.89</td><td>52.22</td><td>-3.11</td><td>Peak</td><td>127</td><td>312</td></tr><tr><td>2</td><td>2498.00</td><td>48.66</td><td>74.00</td><td>-25.34</td><td>52.32</td><td>-3.66</td><td>Peak</td><td>127</td><td>312</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	2321.50	49.11	74.00	-24.89	52.22	-3.11	Peak	127	312	2	2498.00	48.66	74.00	-25.34	52.32	-3.66	Peak	127	312
	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	2321.50	49.11	74.00	-24.89	52.22	-3.11	Peak	127	312																								
2	2498.00	48.66	74.00	-25.34	52.32	-3.66	Peak	127	312																								
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).																																	



Band Edge measurement

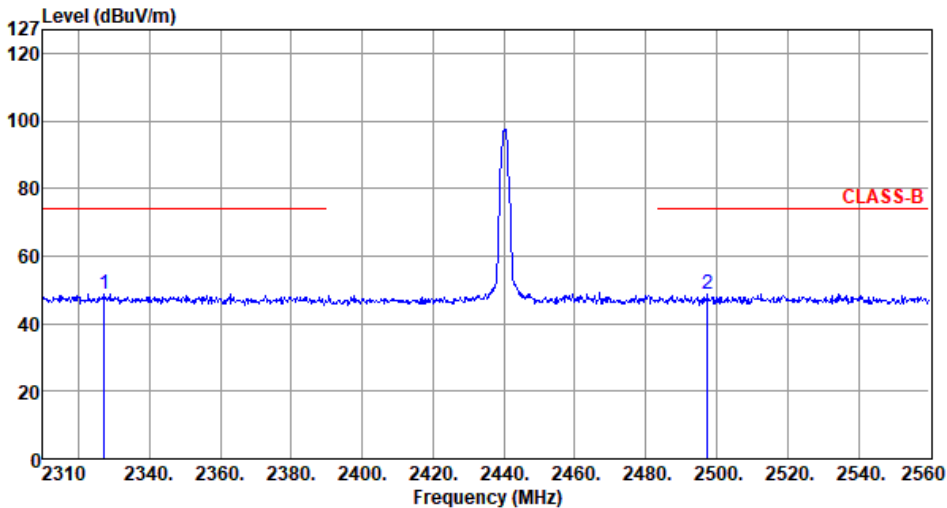
Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2402																																								
Polarization	Vertical-Average																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
Level (dBuV/m) 127 120 100 80 60 40 20 0 2310 2340. 2360. 2380. 2400. 2420. 2440. 2460. 2480. 2500. 2520. 2540. 2560 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>2317.00</td><td>36.14</td><td>54.00</td><td>-17.86</td><td>39.24</td><td>-3.10</td><td>Average</td><td>127</td><td>312</td></tr><tr><td>2</td><td>2491.25</td><td>35.78</td><td>54.00</td><td>-18.22</td><td>39.38</td><td>-3.60</td><td>Average</td><td>127</td><td>312</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	2317.00	36.14	54.00	-17.86	39.24	-3.10	Average	127	312	2	2491.25	35.78	54.00	-18.22	39.38	-3.60	Average	127	312
	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	2317.00	36.14	54.00	-17.86	39.24	-3.10	Average	127	312																																		
2	2491.25	35.78	54.00	-18.22	39.38	-3.60	Average	127	312																																		
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).																																											



Band Edge measurement

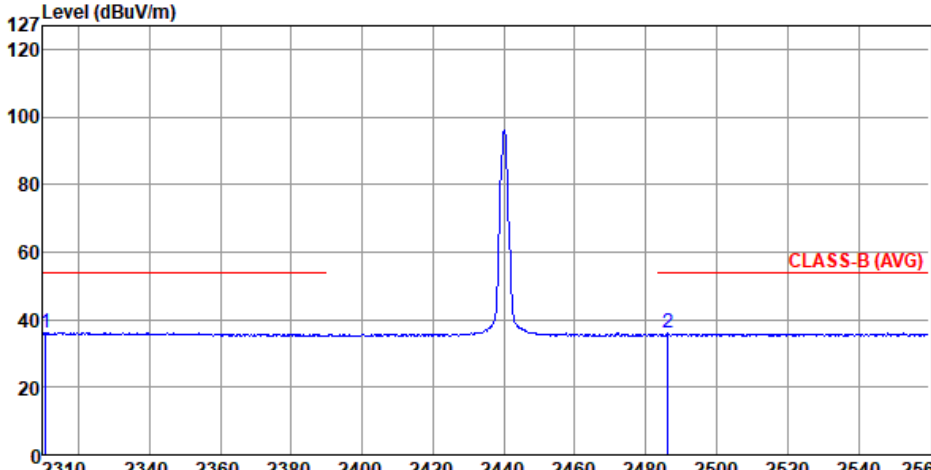
Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2440																																								
Polarization	Horizontal-Peak																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
Level (dBuV/m)  <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>2327.25</td><td>48.77</td><td>74.00</td><td>-25.23</td><td>51.98</td><td>-3.21</td><td>Peak</td><td>180</td><td>144</td></tr><tr><td>2</td><td>2497.50</td><td>48.62</td><td>74.00</td><td>-25.38</td><td>52.27</td><td>-3.65</td><td>Peak</td><td>180</td><td>144</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	2327.25	48.77	74.00	-25.23	51.98	-3.21	Peak	180	144	2	2497.50	48.62	74.00	-25.38	52.27	-3.65	Peak	180	144
	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	2327.25	48.77	74.00	-25.23	51.98	-3.21	Peak	180	144																																		
2	2497.50	48.62	74.00	-25.38	52.27	-3.65	Peak	180	144																																		
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).																																											



Band Edge measurement

Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2440																														
Polarization	Horizontal-Average																																
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																	
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>2310.75</td><td>36.18</td><td>54.00</td><td>-17.82</td><td>39.34</td><td>-3.16</td><td>Average</td><td>180</td><td>144</td></tr><tr><td>2</td><td>2486.25</td><td>35.85</td><td>54.00</td><td>-18.15</td><td>39.48</td><td>-3.63</td><td>Average</td><td>180</td><td>144</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	2310.75	36.18	54.00	-17.82	39.34	-3.16	Average	180	144	2	2486.25	35.85	54.00	-18.15	39.48	-3.63	Average	180	144
	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	2310.75	36.18	54.00	-17.82	39.34	-3.16	Average	180	144																								
2	2486.25	35.85	54.00	-18.15	39.48	-3.63	Average	180	144																								
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).																																	



Band Edge measurement

Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2440																																								
Polarization	Vertical-Peak																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
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>2316.00</td><td>49.81</td><td>74.00</td><td>-24.19</td><td>52.92</td><td>-3.11</td><td>Peak</td><td>178</td><td>72</td></tr><tr><td>2</td><td>2496.25</td><td>49.19</td><td>74.00</td><td>-24.81</td><td>52.84</td><td>-3.65</td><td>Peak</td><td>178</td><td>72</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	2316.00	49.81	74.00	-24.19	52.92	-3.11	Peak	178	72	2	2496.25	49.19	74.00	-24.81	52.84	-3.65	Peak	178	72
	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	2316.00	49.81	74.00	-24.19	52.92	-3.11	Peak	178	72																																		
2	2496.25	49.19	74.00	-24.81	52.84	-3.65	Peak	178	72																																		
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).																																											



Band Edge measurement

Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2440
Polarization	Vertical-Average		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) <			



Band Edge measurement

Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2480
Polarization	Horizontal-Peak		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBUV/m) </			



Band Edge measurement

Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2480
Polarization	Horizontal-Average		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m)			



Band Edge measurement

Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2480																																								
Polarization	Vertical-Peak																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
Level (dBuV/m) 127 120 100 80 60 40 20 0 2310 2340. 2360. 2380. 2400. 2420. 2440. 2460. 2480. 2500. 2520. 2540. 2560 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>2388.25</td><td>49.38</td><td>74.00</td><td>-24.62</td><td>52.92</td><td>-3.54</td><td>Peak</td><td>314</td><td>33</td></tr><tr><td>2</td><td>2483.50</td><td>50.30</td><td>74.00</td><td>-23.70</td><td>53.95</td><td>-3.65</td><td>Peak</td><td>314</td><td>33</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	2388.25	49.38	74.00	-24.62	52.92	-3.54	Peak	314	33	2	2483.50	50.30	74.00	-23.70	53.95	-3.65	Peak	314	33
	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	2388.25	49.38	74.00	-24.62	52.92	-3.54	Peak	314	33																																		
2	2483.50	50.30	74.00	-23.70	53.95	-3.65	Peak	314	33																																		
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).																																											



Band Edge measurement

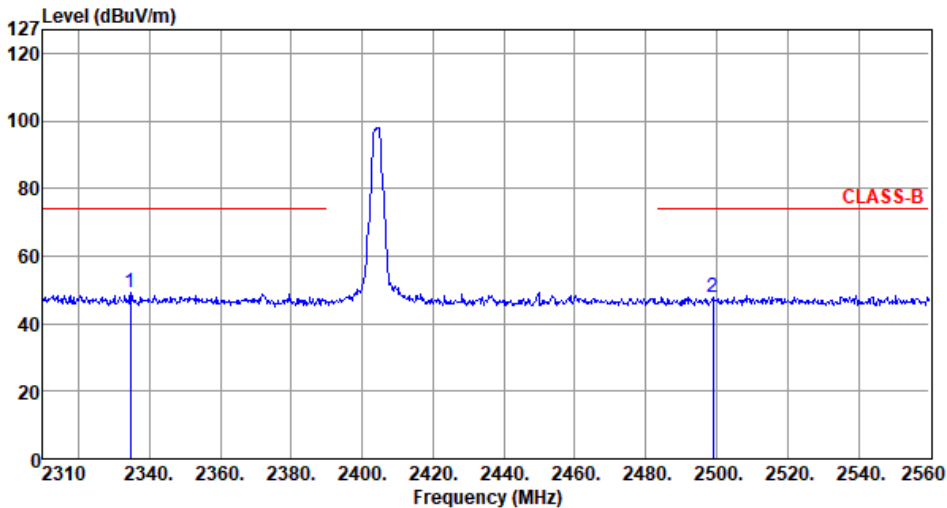
Appendix A

Modulation	BT-LE(1Mbps)	Test Freq. (MHz)	2480																														
Polarization	Vertical-Average																																
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																	
Level (dBuV/m) 127 120 100 80 60 40 20 0 2310. 2340. 2360. 2380. 2400. 2420. 2440. 2460. 2480. 2500. 2520. 2540. 2560 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>2320.50</td><td>36.30</td><td>54.00</td><td>-17.70</td><td>39.38</td><td>-3.08</td><td>Average</td><td>314</td><td>33</td></tr><tr><td>2</td><td>2483.50</td><td>39.13</td><td>54.00</td><td>-14.87</td><td>42.78</td><td>-3.65</td><td>Average</td><td>314</td><td>33</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	2320.50	36.30	54.00	-17.70	39.38	-3.08	Average	314	33	2	2483.50	39.13	54.00	-14.87	42.78	-3.65	Average	314	33
	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	2320.50	36.30	54.00	-17.70	39.38	-3.08	Average	314	33																								
2	2483.50	39.13	54.00	-14.87	42.78	-3.65	Average	314	33																								
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).																																	



Band Edge measurement

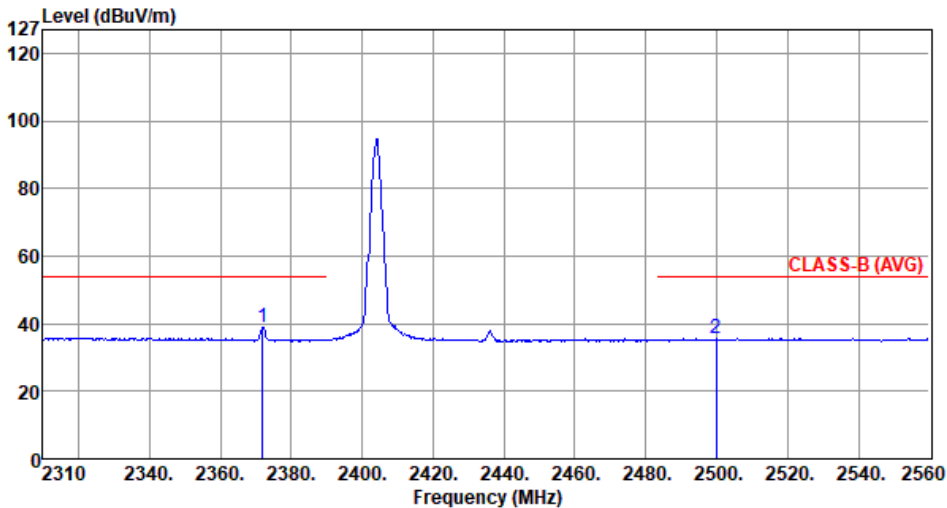
Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2404																														
Polarization	Horizontal-Peak																																
Test By :Tim Chan Temperature(°C):25 Humidity(%):62																																	
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>2334.75</td><td>49.10</td><td>74.00</td><td>-24.90</td><td>52.37</td><td>-3.27</td><td>Peak</td><td>143</td><td>233</td></tr><tr><td>2</td><td>2499.00</td><td>48.02</td><td>74.00</td><td>-25.98</td><td>51.69</td><td>-3.67</td><td>Peak</td><td>143</td><td>233</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	2334.75	49.10	74.00	-24.90	52.37	-3.27	Peak	143	233	2	2499.00	48.02	74.00	-25.98	51.69	-3.67	Peak	143	233
	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	2334.75	49.10	74.00	-24.90	52.37	-3.27	Peak	143	233																								
2	2499.00	48.02	74.00	-25.98	51.69	-3.67	Peak	143	233																								
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).																																	



Band Edge measurement

Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2404																														
Polarization	Horizontal-Average																																
Test By :Tim Chan Temperature(°C):25 Humidity(%):62																																	
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>2372.00</td><td>38.78</td><td>54.00</td><td>-15.22</td><td>42.24</td><td>-3.46</td><td>Average</td><td>143</td><td>233</td></tr><tr><td>2</td><td>2499.75</td><td>35.48</td><td>54.00</td><td>-18.52</td><td>39.16</td><td>-3.68</td><td>Average</td><td>143</td><td>233</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	2372.00	38.78	54.00	-15.22	42.24	-3.46	Average	143	233	2	2499.75	35.48	54.00	-18.52	39.16	-3.68	Average	143	233
	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	2372.00	38.78	54.00	-15.22	42.24	-3.46	Average	143	233																								
2	2499.75	35.48	54.00	-18.52	39.16	-3.68	Average	143	233																								
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).																																	



Band Edge measurement

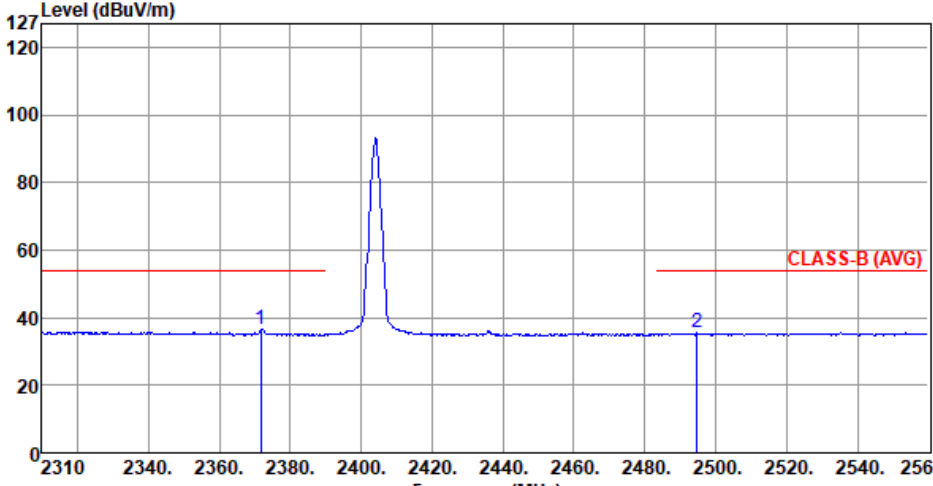
Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2404
Polarization	Vertical-Peak		
Test By :Tim Chan Temperature(°C):25 Humidity(%):62			
Level (dBUV/m) Freq. Emission Limit Margin SA Factor Remark ANT Turn level MHz dBuV/m dBuV/m dB reading dB/m 1 2325.25 48.29 74.00 -25.71 51.46 -3.17 Peak 314 228 2 2488.50 48.33 74.00 -25.67 51.94 -3.61 Peak 314 228			
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).			



Band Edge measurement

Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2404																														
Polarization	Vertical-Average																																
Test By :Tim Chan Temperature(°C):25 Humidity(%):62																																	
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>2371.75</td><td>36.46</td><td>54.00</td><td>-17.54</td><td>39.92</td><td>-3.46</td><td>Average</td><td>314</td><td>228</td></tr><tr><td>2</td><td>2494.75</td><td>35.38</td><td>54.00</td><td>-18.62</td><td>39.01</td><td>-3.63</td><td>Average</td><td>314</td><td>228</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	2371.75	36.46	54.00	-17.54	39.92	-3.46	Average	314	228	2	2494.75	35.38	54.00	-18.62	39.01	-3.63	Average	314	228
	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	2371.75	36.46	54.00	-17.54	39.92	-3.46	Average	314	228																								
2	2494.75	35.38	54.00	-18.62	39.01	-3.63	Average	314	228																								
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).																																	



Band Edge measurement

Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2440																																																		
Polarization	Horizontal-Peak																																																				
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																					
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th></th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2339.25</td><td>49.45</td><td>74.00</td><td>-24.55</td><td>52.72</td><td>-3.27</td><td>Peak</td><td>180</td><td>144</td></tr><tr><td>2</td><td>2490.75</td><td>48.43</td><td>74.00</td><td>-25.57</td><td>52.03</td><td>-3.60</td><td>Peak</td><td>180</td><td>144</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table						dBuV			cm	deg	1	2339.25	49.45	74.00	-24.55	52.72	-3.27	Peak	180	144	2	2490.75	48.43	74.00	-25.57	52.03	-3.60	Peak	180	144
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																												
					dBuV			cm	deg																																												
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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).																																																					



Band Edge measurement

Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2440
Polarization	Horizontal-Average		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) Freq. Emission Limit Margin SA Factor Remark ANT Turn level MHz dBuV/m dBuV/m dB reading dB/m 1 2321.00 36.10 54.00 -17.90 39.19 -3.09 Average 180 144 2 2499.50 35.90 54.00 -18.10 39.58 -3.68 Average 180 144			
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).			



Band Edge measurement

Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2440																																								
Polarization	Vertical-Peak																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
Level (dBuV/m) <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>2357.25</td><td>49.07</td><td>74.00</td><td>-24.93</td><td>52.41</td><td>-3.34</td><td>Peak</td><td>177</td><td>73</td></tr><tr><td>2</td><td>2495.50</td><td>48.23</td><td>74.00</td><td>-25.77</td><td>51.87</td><td>-3.64</td><td>Peak</td><td>177</td><td>73</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	2357.25	49.07	74.00	-24.93	52.41	-3.34	Peak	177	73	2	2495.50	48.23	74.00	-25.77	51.87	-3.64	Peak	177	73
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg																																		
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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).																																											



Band Edge measurement

Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2440
Polarization	Vertical-Average		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m)			



Band Edge measurement

Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2478
Polarization	Horizontal-Peak		
Test By :Tim Chan Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) </			



Band Edge measurement

Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2478
Polarization	Horizontal-Average		
Test By :Tim Chan Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) </			



Band Edge measurement

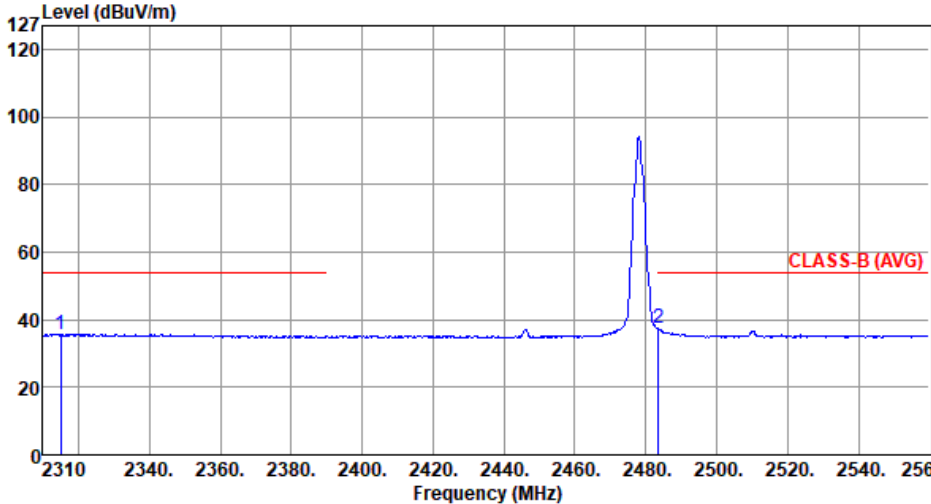
Appendix A

Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2478																																																		
Polarization	Vertical-Peak																																																				
Test By :Tim Chan Temperature(°C):25 Humidity(%):62																																																					
Level (dBuV/m) 1 2 CLASS-B Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2345.75</td><td>48.76</td><td>74.00</td><td>-25.24</td><td>52.03</td><td>-3.27</td><td>Peak</td><td>232</td><td>160</td></tr><tr><td>2</td><td>2483.50</td><td>49.05</td><td>74.00</td><td>-24.95</td><td>52.70</td><td>-3.65</td><td>Peak</td><td>232</td><td>160</td></tr></table>					Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	2345.75	48.76	74.00	-25.24	52.03	-3.27	Peak	232	160	2	2483.50	49.05	74.00	-24.95	52.70	-3.65	Peak	232	160
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																												
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		dBuV/m			dBuV			cm	deg																																												
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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).																																																					



Band Edge measurement

Appendix A

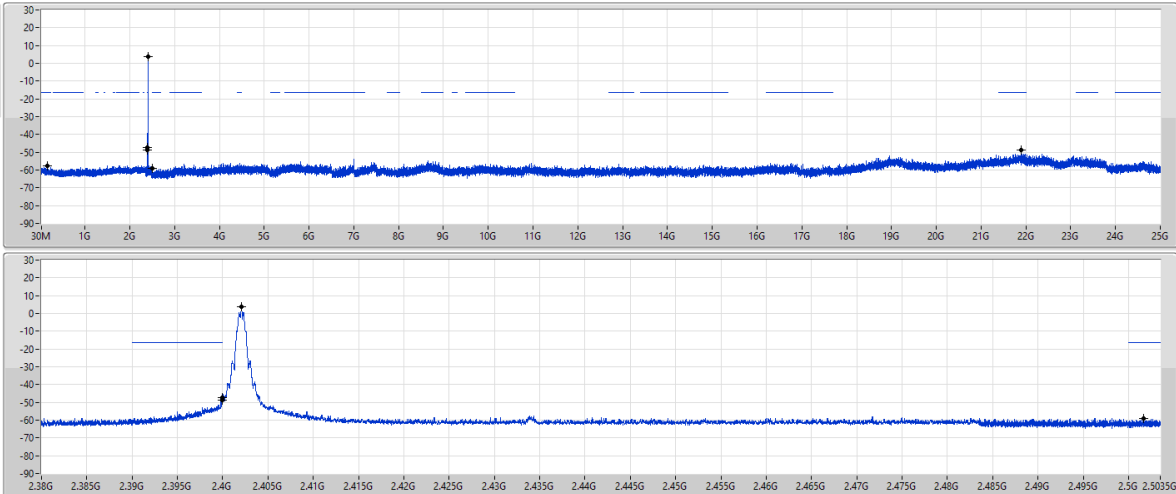
Modulation	BT-LE(2Mbps)	Test Freq. (MHz)	2478																														
Polarization	Vertical-Average																																
Test By :Tim Chan Temperature(°C):25 Humidity(%):62																																	
Level (dBuV/m)  Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission 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>2315.00</td><td>35.69</td><td>54.00</td><td>-18.31</td><td>38.81</td><td>-3.12</td><td>Average</td><td>232</td><td>160</td></tr><tr><td>2</td><td>2483.50</td><td>37.31</td><td>54.00</td><td>-16.69</td><td>40.96</td><td>-3.65</td><td>Average</td><td>232</td><td>160</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	2315.00	35.69	54.00	-18.31	38.81	-3.12	Average	232	160	2	2483.50	37.31	54.00	-16.69	40.96	-3.65	Average	232	160
	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	2315.00	35.69	54.00	-18.31	38.81	-3.12	Average	232	160																								
2	2483.50	37.31	54.00	-16.69	40.96	-3.65	Average	232	160																								
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).																																	

2.4-2.4835GHz_BT-LE(125kbps)

CSENdB-FS

2402MHz

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



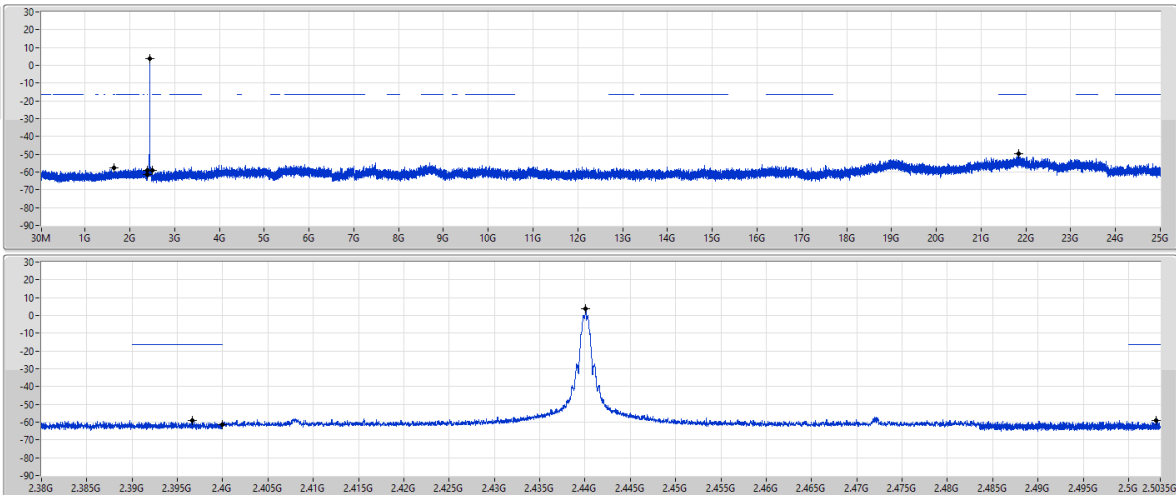
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40208G	3.57	-16.43	161.65M	-57.68	2.4G	-48.92	2.4G	-47.35	2.50166G	-59.05	21.88986G	-48.98	1

2.4-2.4835GHz_BT-LE(125kbps)

CSENdB-FS

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
2.44007G	3.52	-16.48	1.64178G	-57.43	2.39669G	-59.22	2.4G	-61.62	2.50304G	-59.10	21.84838G	-49.74	1

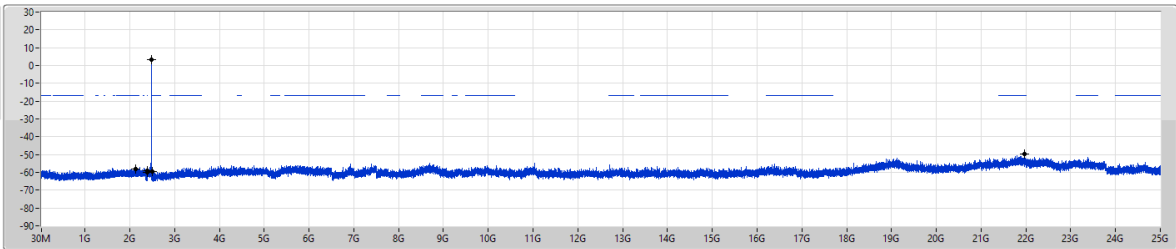


2.4-2.4835GHz_BT-LE(125kbps)

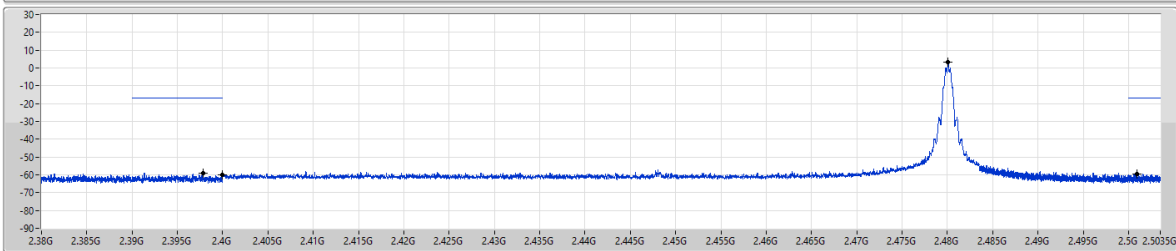
CSEndB-FS

2480MHz

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



Port 1



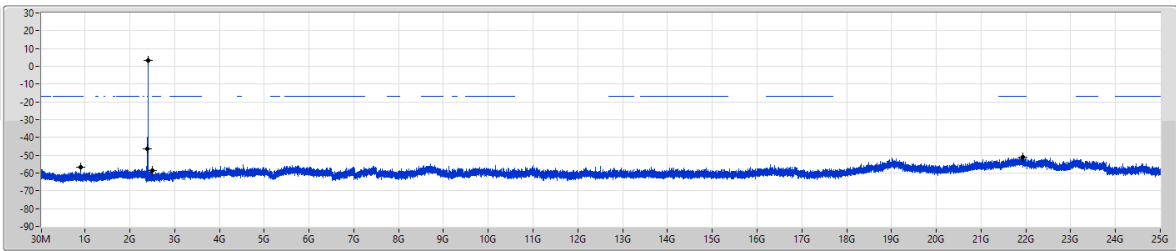
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40007G	3.35	-16.65	2.12234G	-57.92	2.39781G	-58.86	2.4G	-60.00	2.50089G	-59.31	2.196016G	-49.81	1

2.4-2.4835GHz_BT-LE(500kbps)

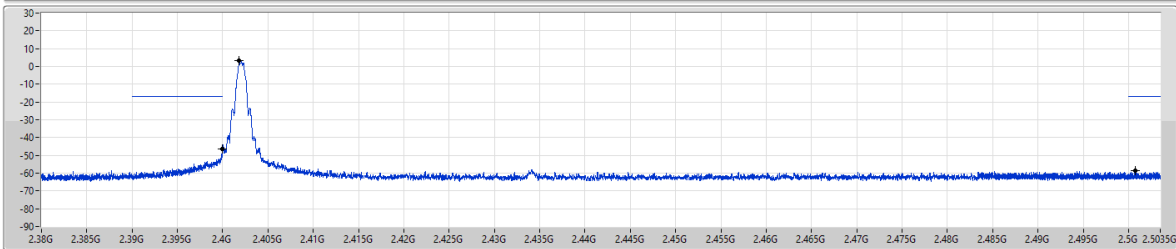
CSEndB-FS

2402MHz

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



Port 1

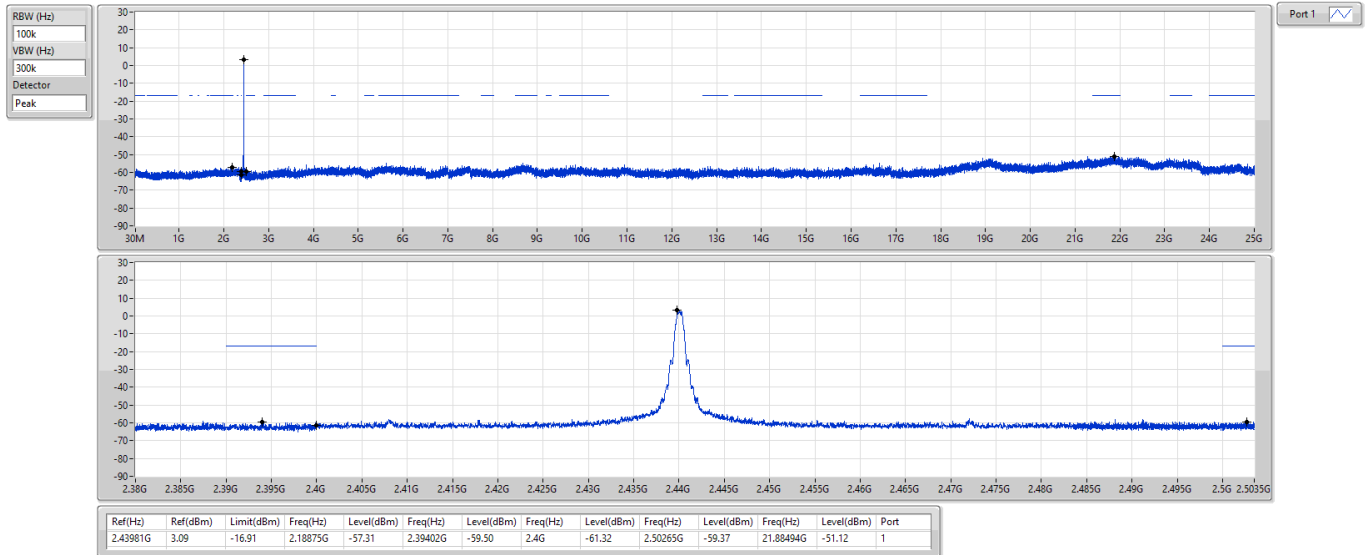


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40182G	3.16	-16.84	903.46M	-56.77	2.4G	-46.41	2.4G	-46.43	2.50076G	-58.68	2.192993G	-50.88	1

2.4-2.4835GHz_BT-LE(500kbps)

CSEndB-FS

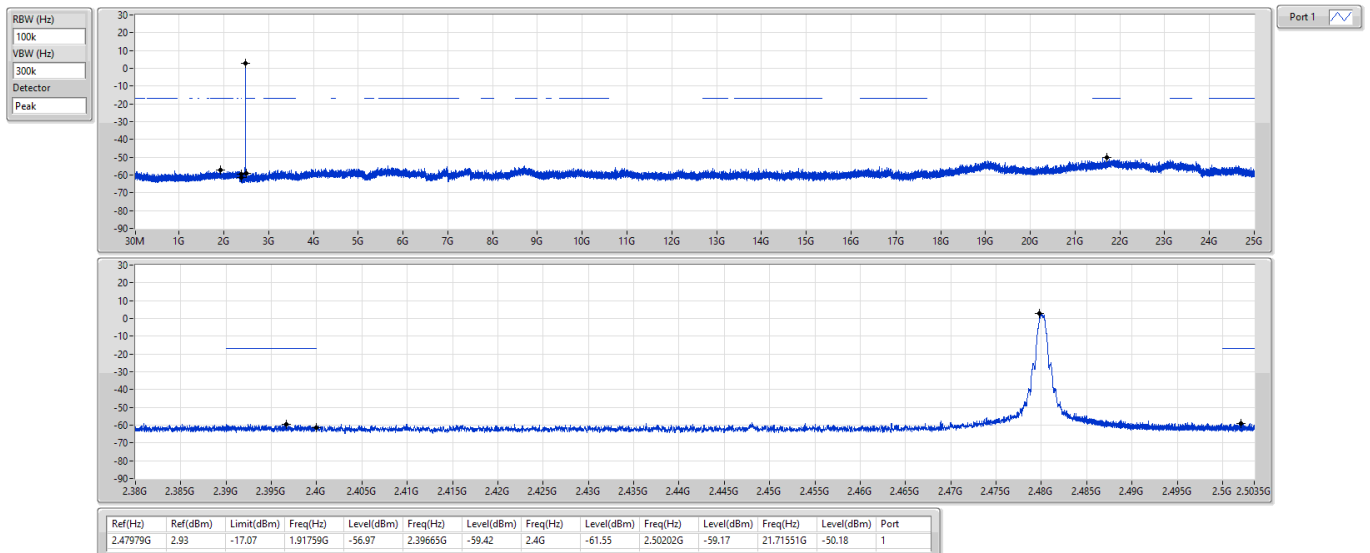
2440MHz



2.4-2.4835GHz_BT-LE(500kbps)

CSEndB-FS

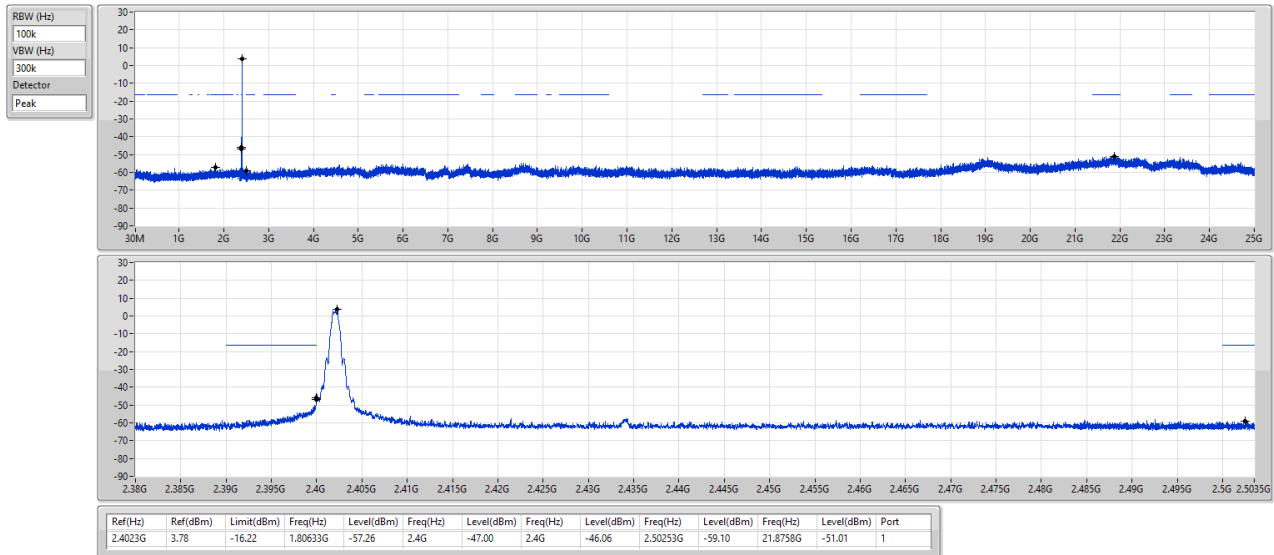
2480MHz



2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-FS

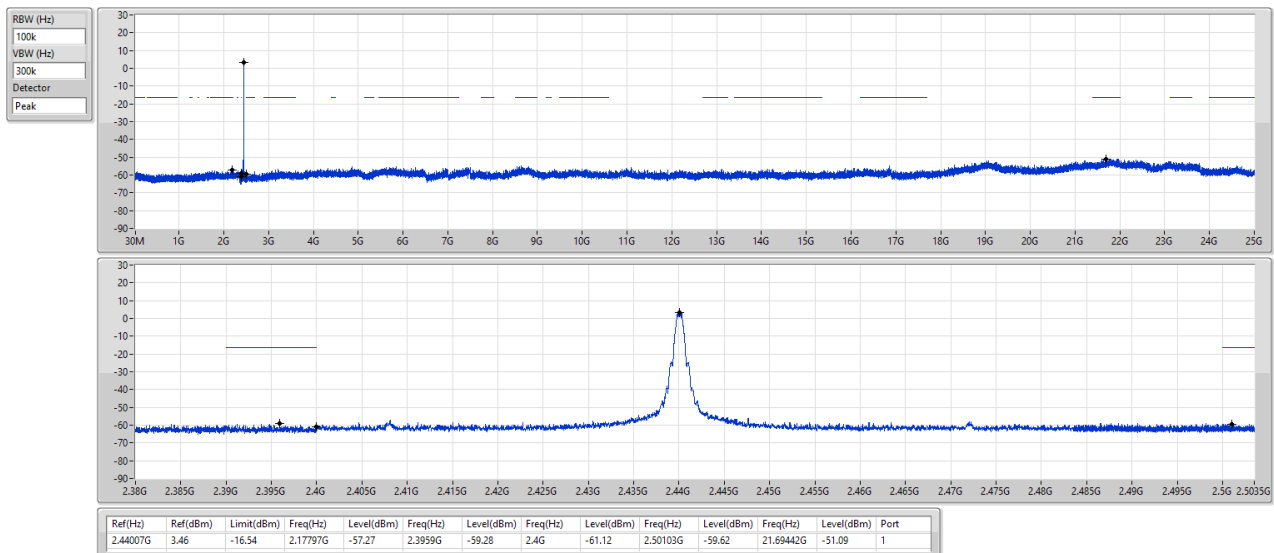
2402MHz



2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-FS

2440MHz



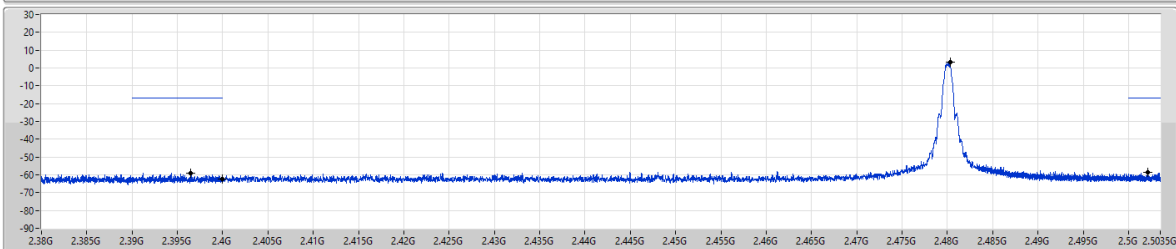
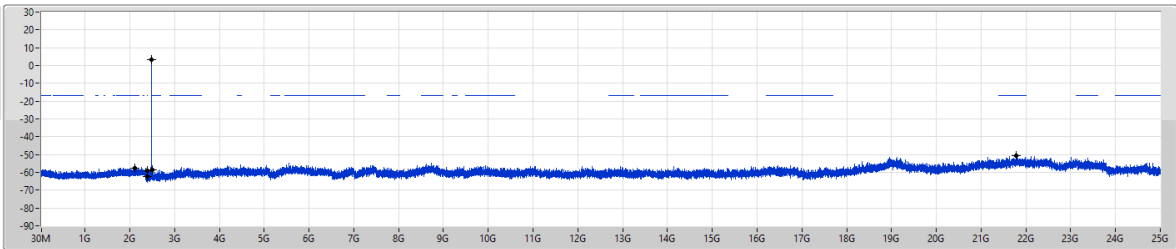


2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-FS

2480MHz

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



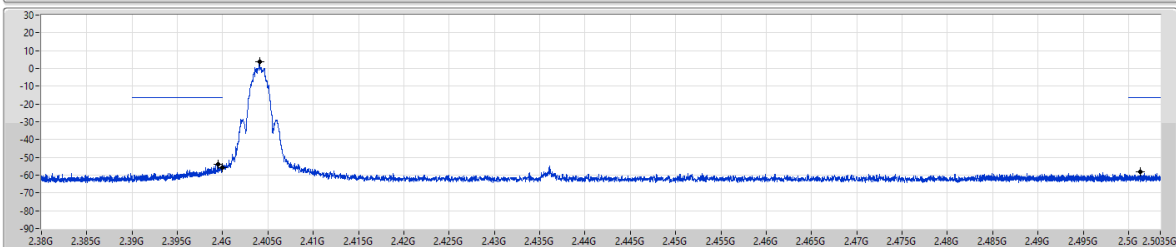
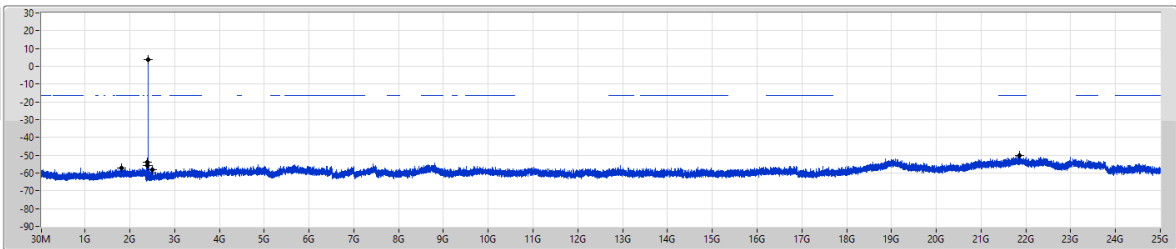
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.48032G	3.21	-16.79	2.1136G	-57.55	2.3965G	-58.95	2.4G	-62.31	2.50211G	-58.71	21.79073G	-50.65	1

2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-FS

2404MHz

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



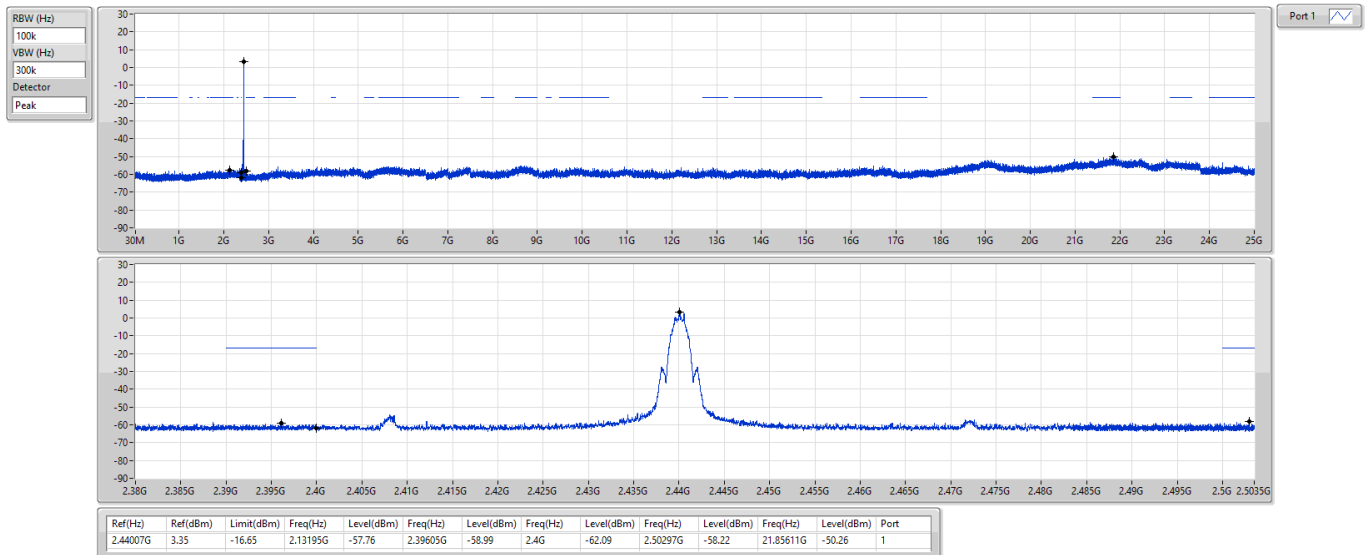
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40406G	3.57	-16.43	1.80837G	-57.16	2.39945G	-53.74	2.4G	-56.01	2.5013G	-58.03	21.86455G	-50.02	1



2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-FS

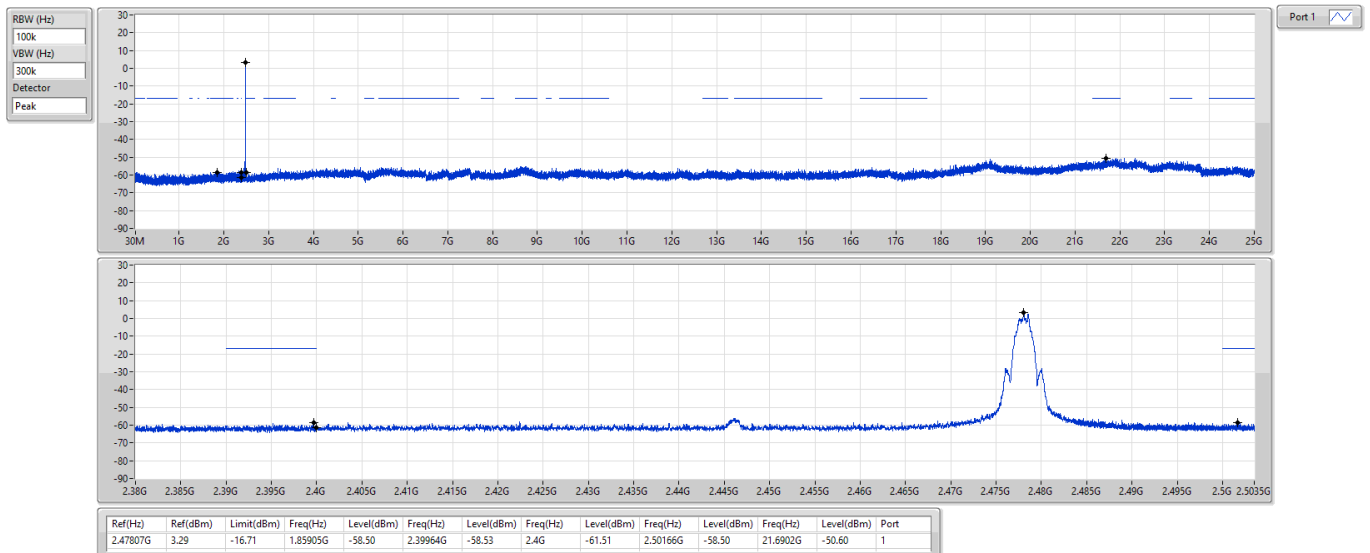
2440MHz



2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-FS

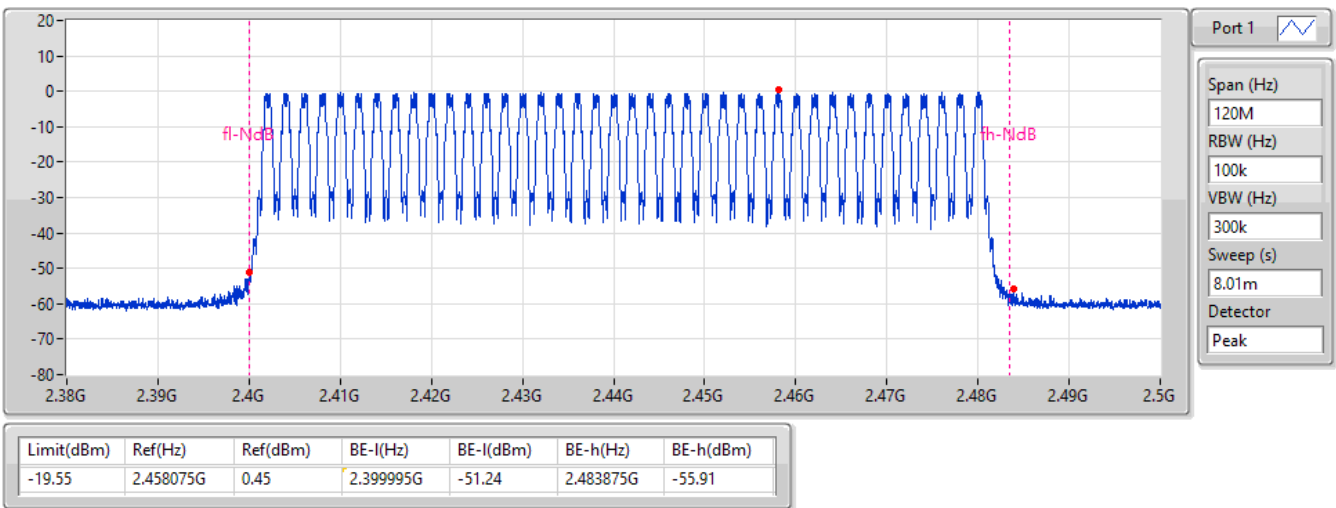
2478MHz



2.4-2.4835GHz_BT-LE(125kbps)

2402MHz

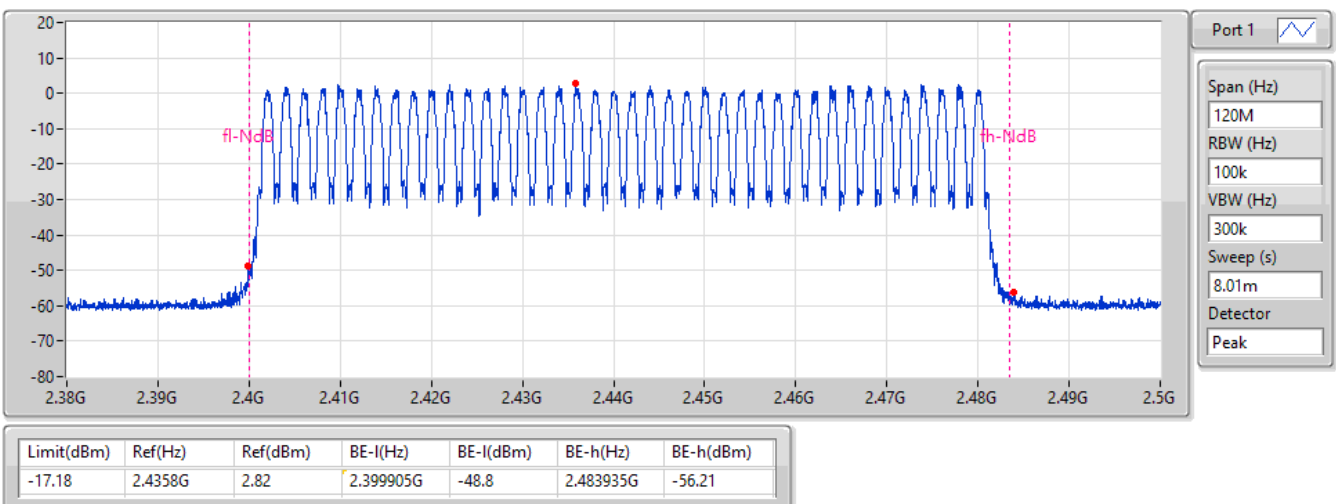
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-LE(500kbps)

2402MHz

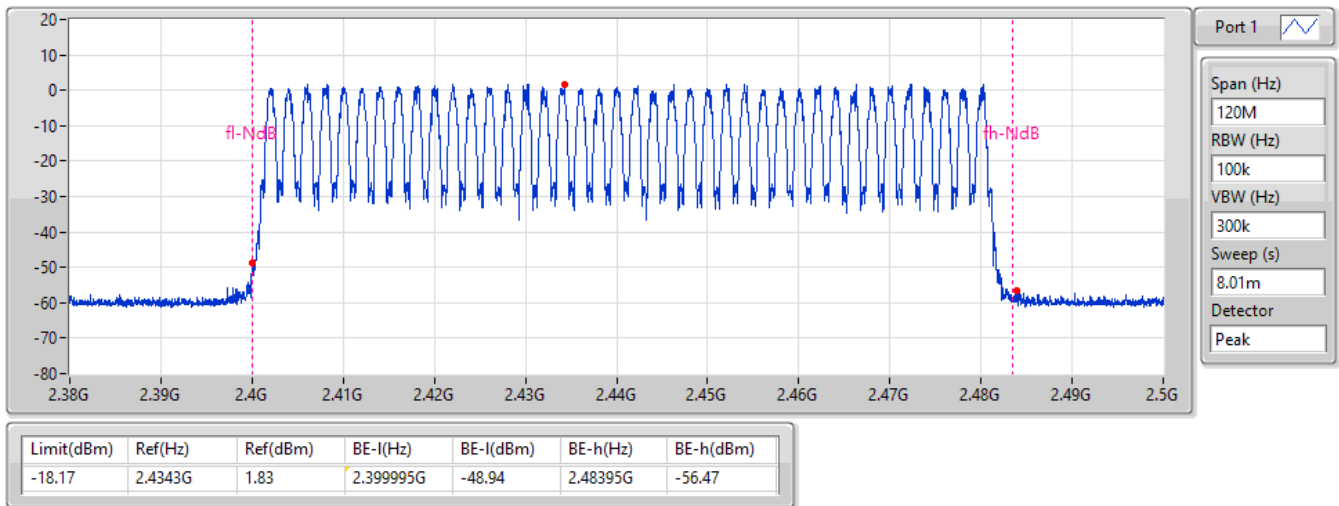
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz

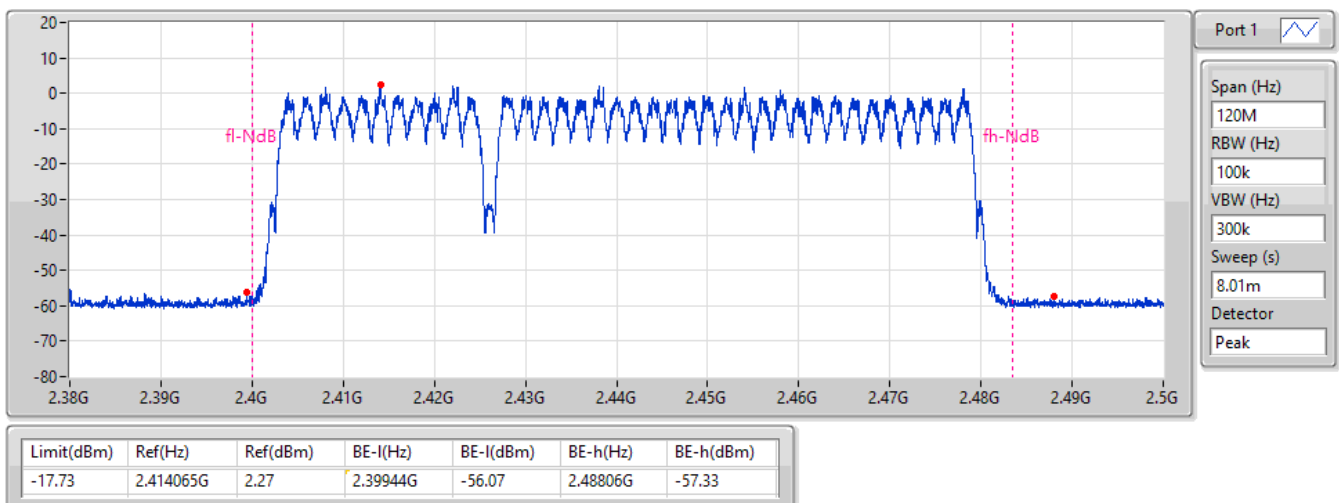
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-LE(2Mbps)

2404MHz

Hopping Ch Bandedge (Non-restricted Band)



**Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(125kbps)	3.78	0.00239
BT-LE(500kbps)	3.76	0.00238
BT-LE(1Mbps)	3.87	0.00244
BT-LE(2Mbps)	4.03	0.00253

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-LE(125kbps)	-	-	-	-	-	-
2402MHz	Pass	2.80	3.78	30.00	6.58	36.00
2440MHz	Pass	2.80	3.67	30.00	6.47	36.00
2480MHz	Pass	2.80	3.58	30.00	6.38	36.00
BT-LE(500kbps)	-	-	-	-	-	-
2402MHz	Pass	2.80	3.76	30.00	6.56	36.00
2440MHz	Pass	2.80	3.66	30.00	6.46	36.00
2480MHz	Pass	2.80	3.57	30.00	6.37	36.00
BT-LE(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	2.80	3.87	30.00	6.67	36.00
2440MHz	Pass	2.80	3.71	30.00	6.51	36.00
2480MHz	Pass	2.80	3.62	30.00	6.42	36.00
BT-LE(2Mbps)	-	-	-	-	-	-
2404MHz	Pass	2.80	4.03	30.00	6.83	36.00
2440MHz	Pass	2.80	3.95	30.00	6.75	36.00
2478MHz	Pass	2.80	3.86	30.00	6.66	36.00

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(125kbps)	3.68	0.00233
BT-LE(500kbps)	3.67	0.00233
BT-LE(1Mbps)	3.74	0.00237
BT-LE(2Mbps)	3.92	0.00247

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-LE(125kbps)	-	-	-	-	-	-
2402MHz	Pass	2.80	3.68	-	6.48	-
2440MHz	Pass	2.80	3.57	-	6.37	-
2480MHz	Pass	2.80	3.48	-	6.28	-
BT-LE(500kbps)	-	-	-	-	-	-
2402MHz	Pass	2.80	3.67	-	6.47	-
2440MHz	Pass	2.80	3.56	-	6.36	-
2480MHz	Pass	2.80	3.47	-	6.27	-
BT-LE(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	2.80	3.74	-	6.54	-
2440MHz	Pass	2.80	3.58	-	6.38	-
2480MHz	Pass	2.80	3.50	-	6.30	-
BT-LE(2Mbps)	-	-	-	-	-	-
2404MHz	Pass	2.80	3.92	-	6.72	-
2440MHz	Pass	2.80	3.85	-	6.65	-
2478MHz	Pass	2.80	3.76	-	6.56	-

DG = Directional Gain; Port X = Port X output power;

**Summary**

Mode	Max-Hop No
2.4-2.4835GHz	-
BT-LE(125kbps)	40
BT-LE(500kbps)	40
BT-LE(1Mbps)	40
BT-LE(2Mbps)	37

Result

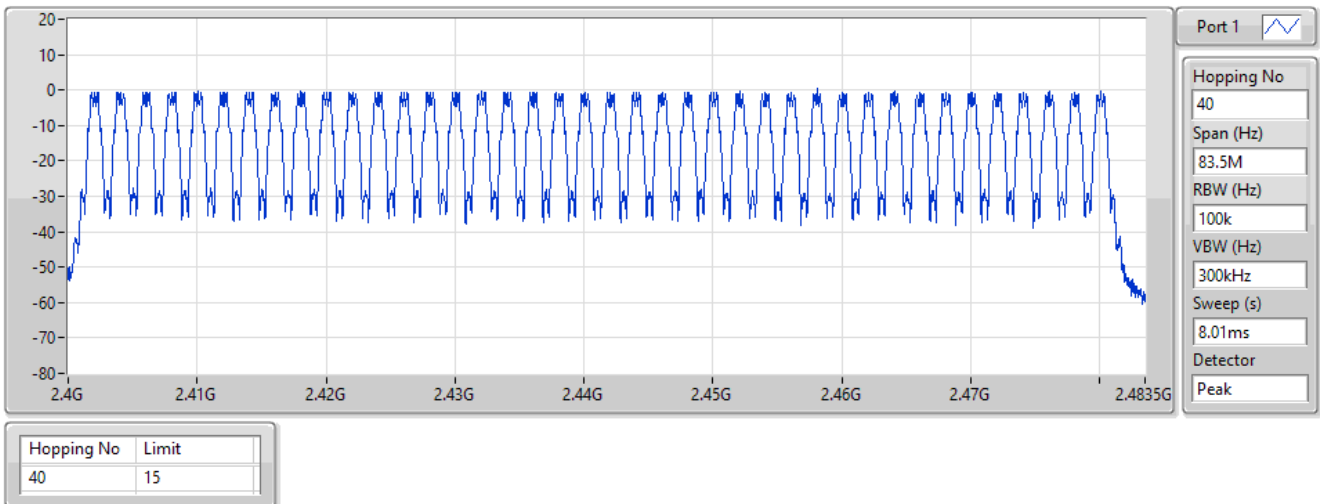
Mode	Result	Hopping No	Limit
BT-LE(125kbps)	-	-	-
2402MHz	Pass	40	15
BT-LE(500kbps)	-	-	-
2402MHz	Pass	40	15
BT-LE(1Mbps)	-	-	-
2402MHz	Pass	40	15
BT-LE(2Mbps)	-	-	-
2404MHz	Pass	37	15



2.4-2.4835GHz_BT-LE(125kbps)

Hopping-FS

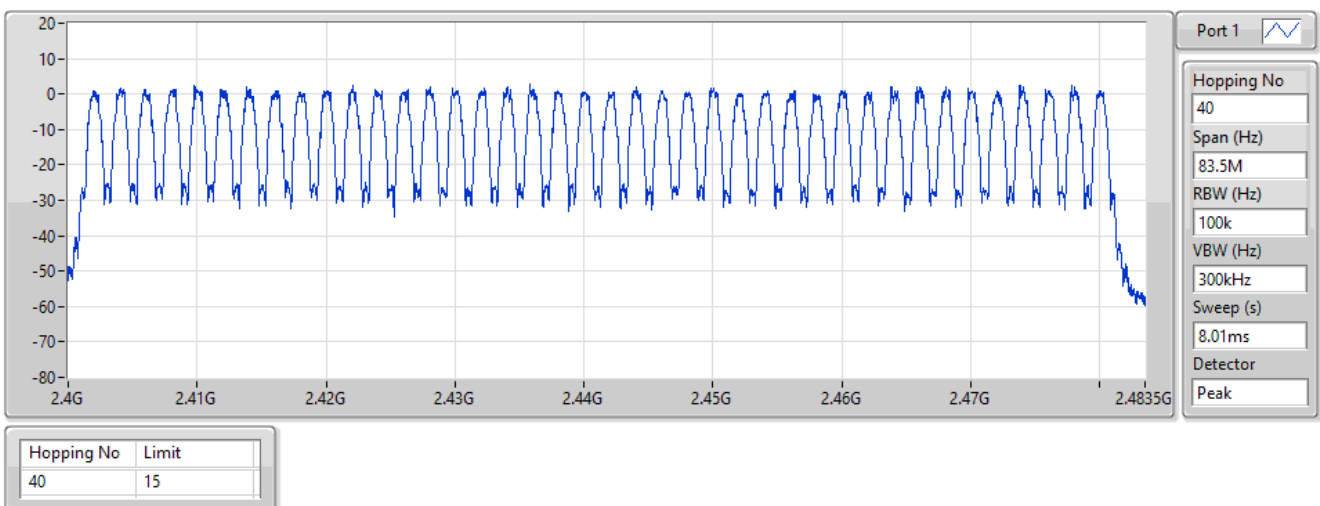
2402MHz



2.4-2.4835GHz_BT-LE(500kbps)

Hopping-FS

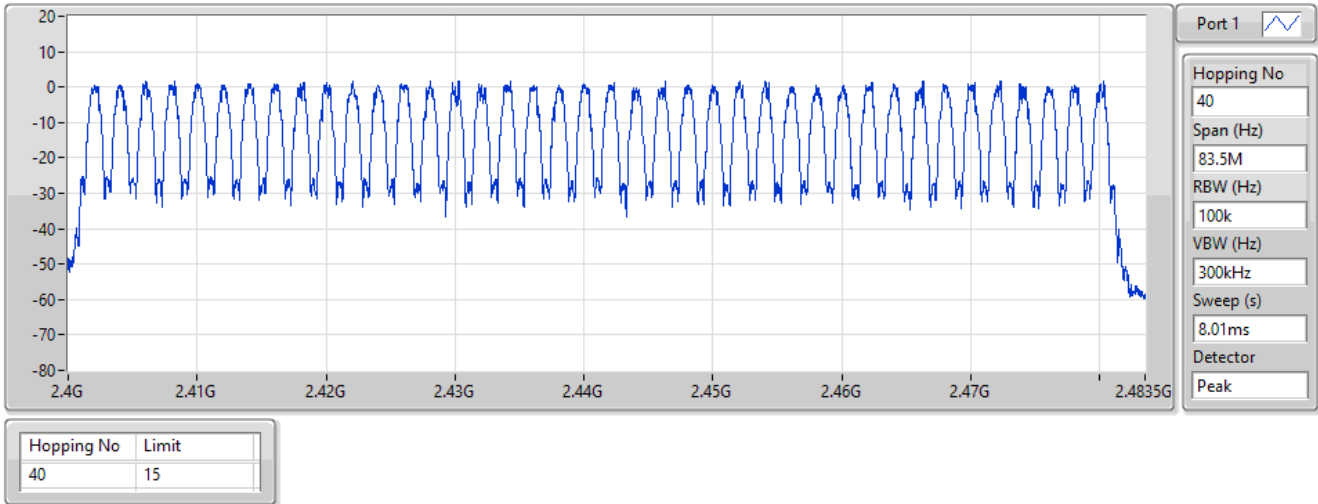
2402MHz



2.4-2.4835GHz_BT-LE(1Mbps)

Hopping-FS

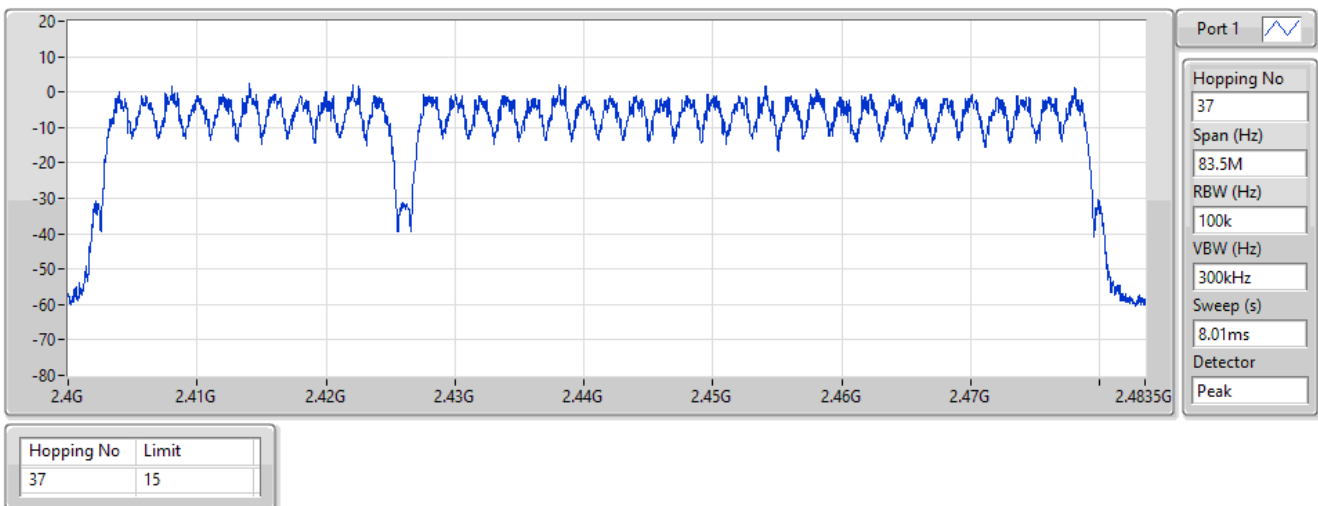
2402MHz



2.4-2.4835GHz_BT-LE(2Mbps)

Hopping-FS

2404MHz



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-LE(125kbps)	1.221M	1.11M	1M11F1D	1.117M	1.086M
BT-LE(500kbps)	1.227M	1.084M	1M08F1D	1.117M	1.071M
BT-LE(1Mbps)	1.183M	1.091M	1M09F1D	1.155M	1.065M
BT-LE(2Mbps)	2.112M	2.078M	2M08F1D	2.074M	2.057M

Max-N dB = Maximum 20dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 20dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

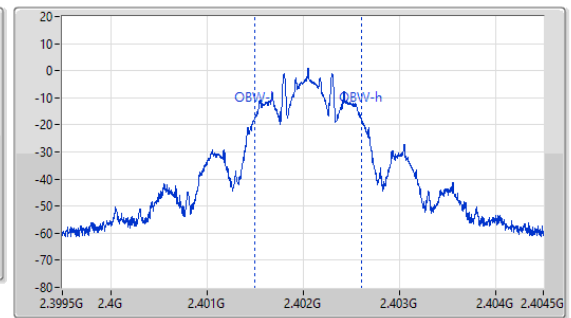
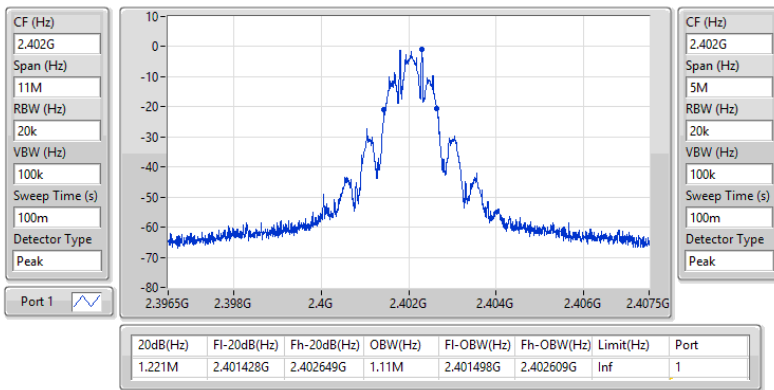
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	Inf	1.221M	1.11M
2440MHz	Pass	Inf	1.117M	1.099M
2480MHz	Pass	Inf	1.15M	1.086M
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	Inf	1.227M	1.084M
2440MHz	Pass	Inf	1.166M	1.073M
2480MHz	Pass	Inf	1.117M	1.071M
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.183M	1.091M
2440MHz	Pass	Inf	1.177M	1.08M
2480MHz	Pass	Inf	1.155M	1.065M
BT-LE(2Mbps)	-	-	-	-
2404MHz	Pass	Inf	2.112M	2.078M
2440MHz	Pass	Inf	2.079M	2.066M
2478MHz	Pass	Inf	2.074M	2.057M

Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-LE(125kbps)

EBW-FS

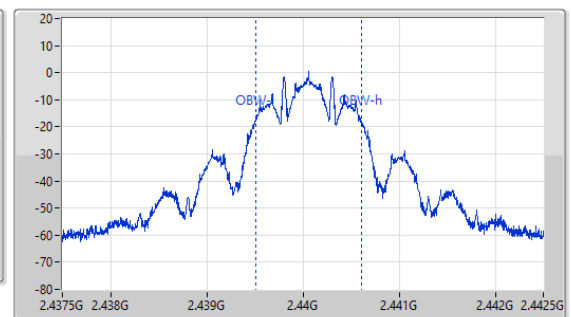
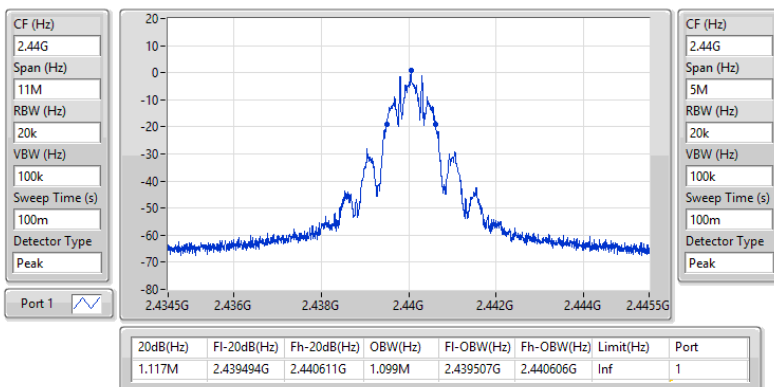
2402MHz



2.4-2.4835GHz_BT-LE(125kbps)

EBW-FS

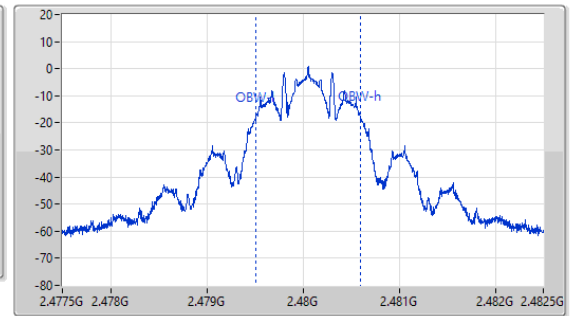
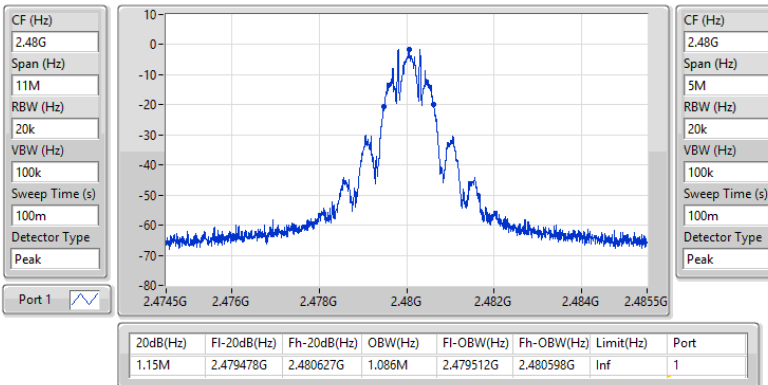
2440MHz



2.4-2.4835GHz_BT-LE(125kbps)

EBW-FS

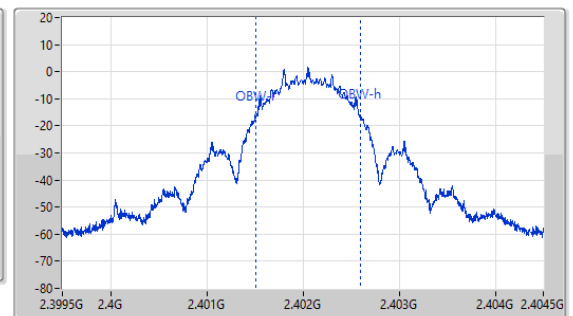
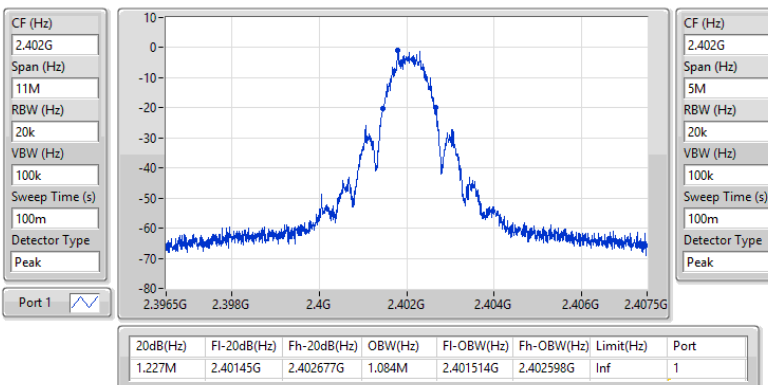
2480MHz



2.4-2.4835GHz_BT-LE(500kbps)

EBW-FS

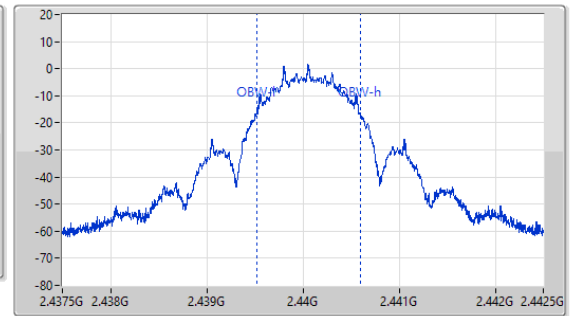
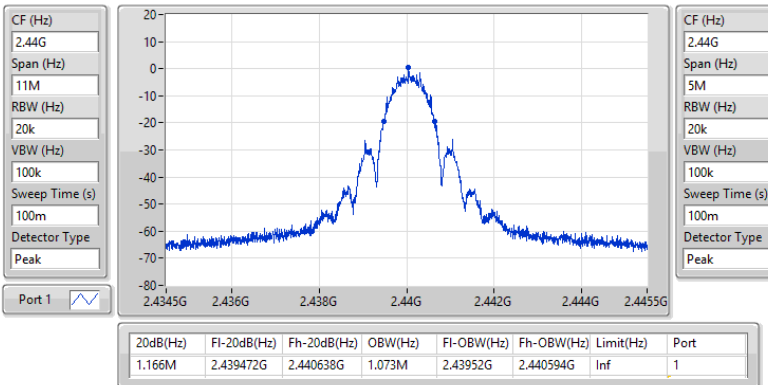
2402MHz



2.4-2.4835GHz_BT-LE(500kbps)

EBW-FS

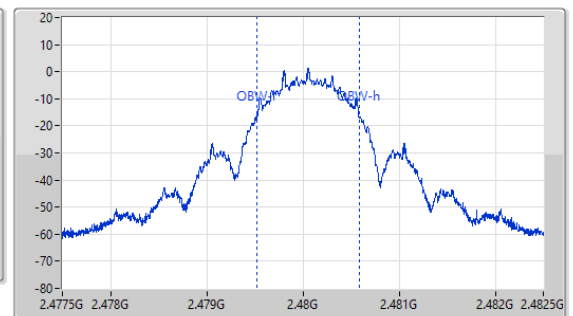
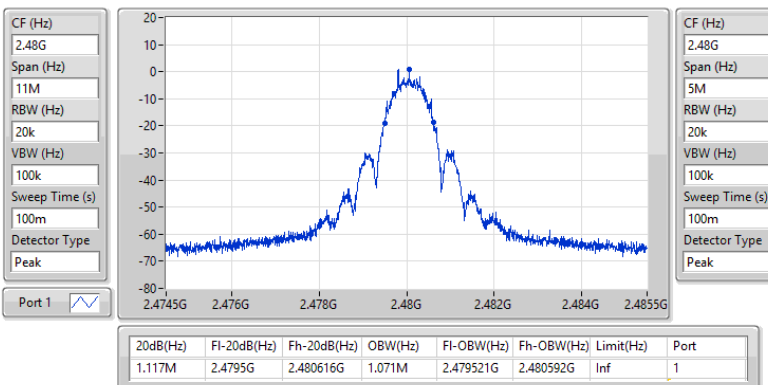
2440MHz



2.4-2.4835GHz_BT-LE(500kbps)

EBW-FS

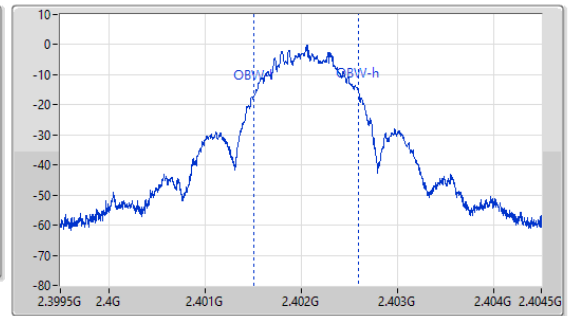
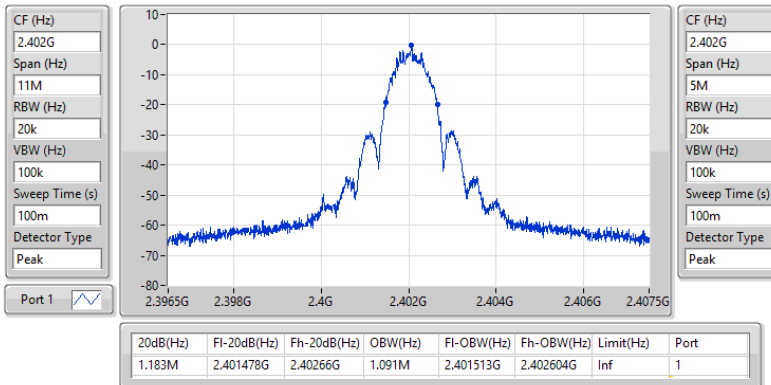
2480MHz



2.4-2.4835GHz_BT-LE(1Mbps)

EBW-FS

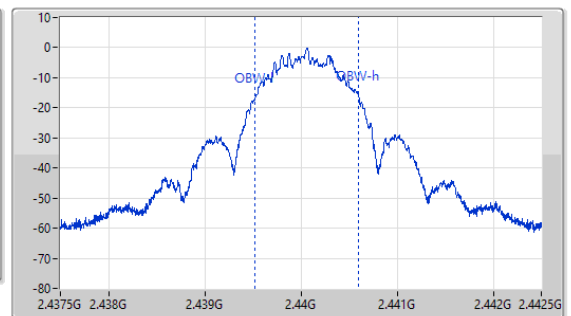
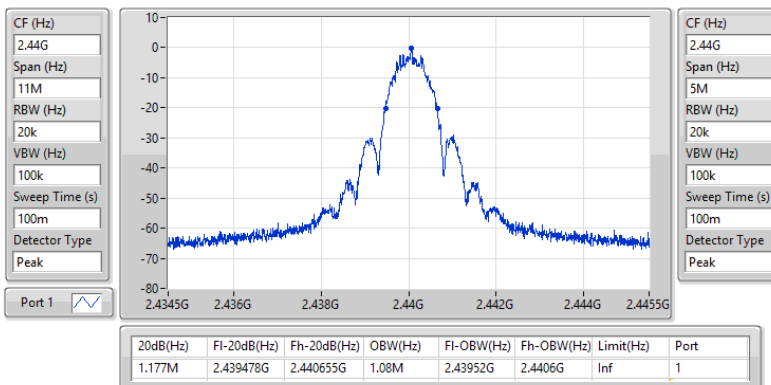
2402MHz



2.4-2.4835GHz_BT-LE(1Mbps)

EBW-FS

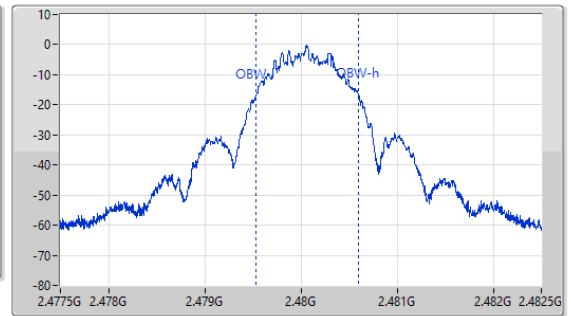
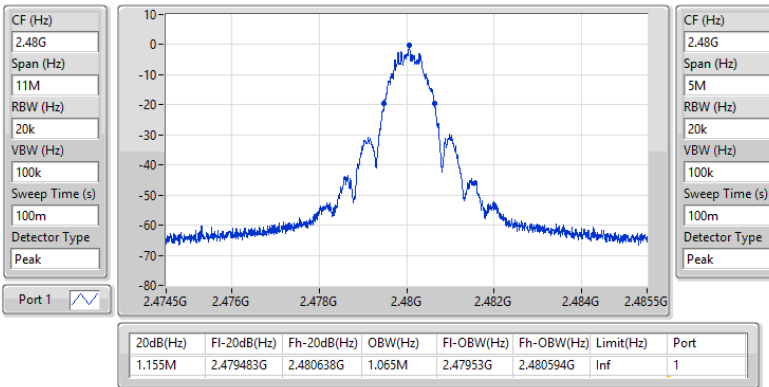
2440MHz



2.4-2.4835GHz_BT-LE(1Mbps)

EBW-FS

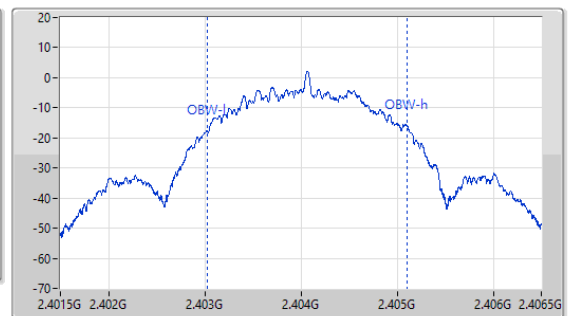
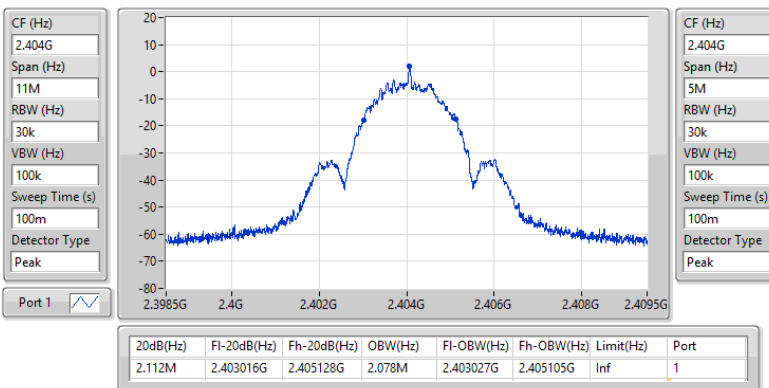
2480MHz



2.4-2.4835GHz_BT-LE(2Mbps)

EBW-FS

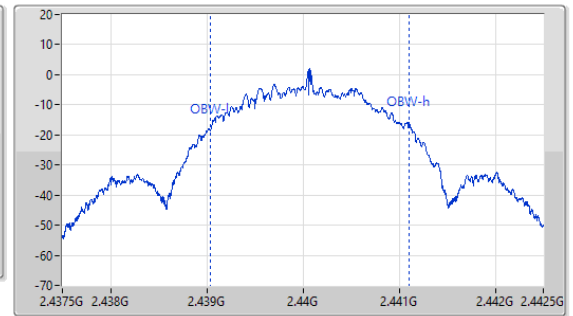
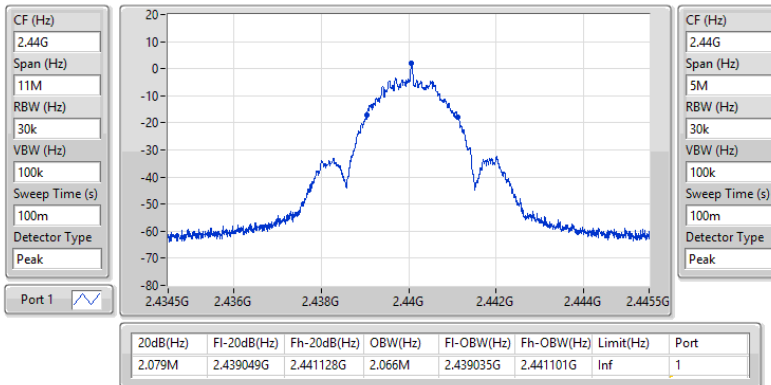
2404MHz



2.4-2.4835GHz_BT-LE(2Mbps)

EBW-FS

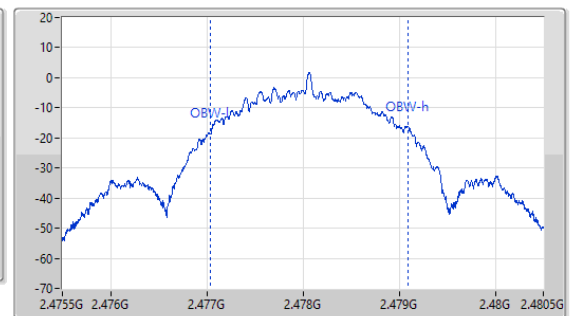
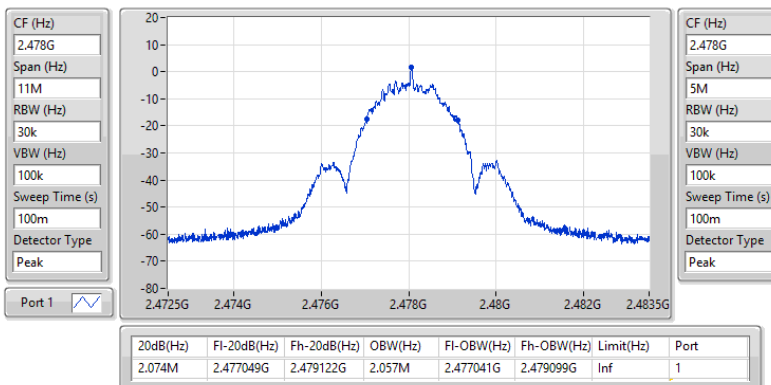
2440MHz



2.4-2.4835GHz_BT-LE(2Mbps)

EBW-FS

2478MHz



Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-LE(125kbps)	2.004M	2.001M
BT-LE(500kbps)	2.001M	2.001M
BT-LE(1Mbps)	2.004M	2.001M
BT-LE(2Mbps)	2.001M	2.001M

Result

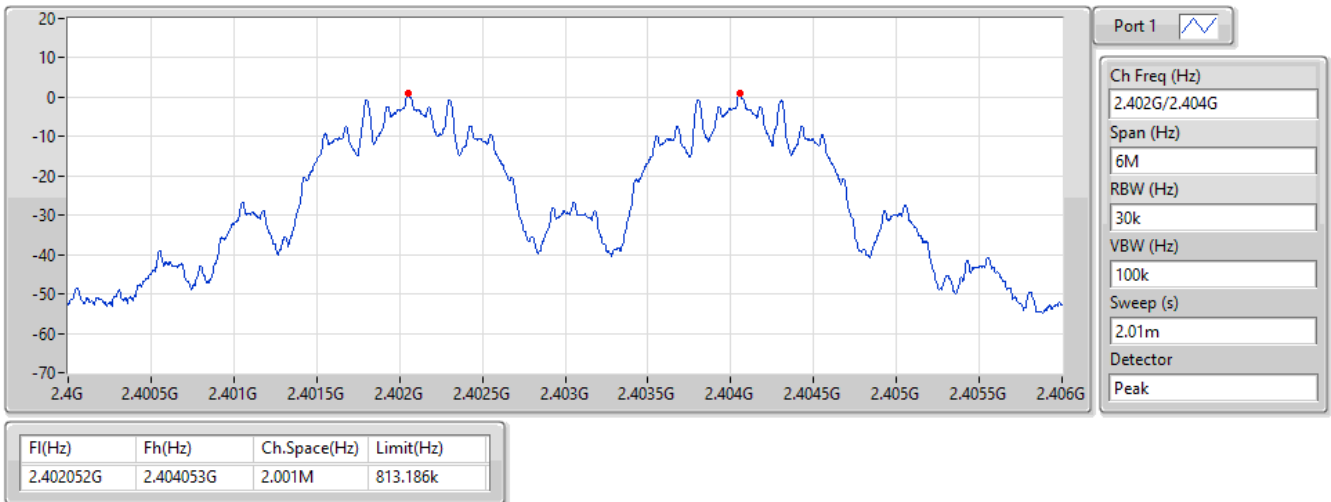
Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-LE(125kbps)	-	-	-	-	-
2402MHz	Pass	2.402052G	2.404053G	2.001M	813.186k
2440MHz	Pass	2.440052G	2.442053G	2.001M	743.922k
2480MHz	Pass	2.478052G	2.480056G	2.004M	765.9k
BT-LE(500kbps)	-	-	-	-	-
2402MHz	Pass	2.402052G	2.404053G	2.001M	817.182k
2440MHz	Pass	2.440052G	2.442053G	2.001M	776.556k
2480MHz	Pass	2.478052G	2.480053G	2.001M	743.922k
BT-LE(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402064G	2.404065G	2.001M	787.878k
2440MHz	Pass	2.440061G	2.442065G	2.004M	783.882k
2480MHz	Pass	2.478061G	2.480062G	2.001M	769.23k
BT-LE(2Mbps)	-	-	-	-	-
2404MHz	Pass	2.404067G	2.406068G	2.001M	1.406592M
2440MHz	Pass	2.440064G	2.442065G	2.001M	1.384614M
2478MHz	Pass	2.476064G	2.478065G	2.001M	1.381284M



2.4-2.4835GHz_BT-LE(125kbps)

Channel Separation-FS

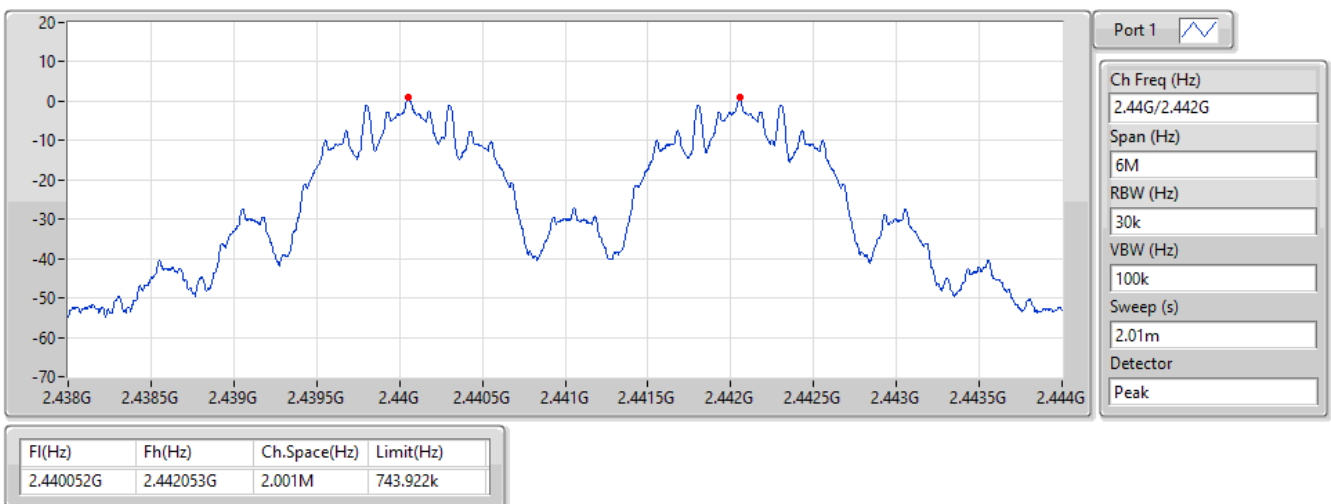
2.402G/2.404GHz



2.4-2.4835GHz_BT-LE(125kbps)

Channel Separation-FS

2.44G/2.442GHz





2.4-2.4835GHz_BT-LE(125kbps)

Channel Separation-FS

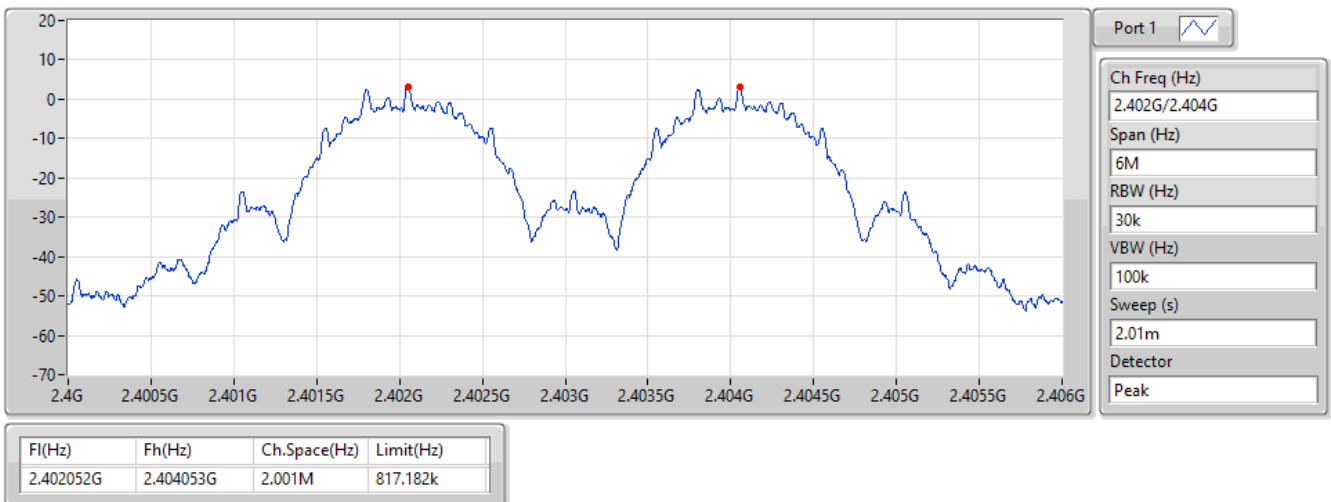
2.48G/2.478GHz



2.4-2.4835GHz_BT-LE(500kbps)

Channel Separation-FS

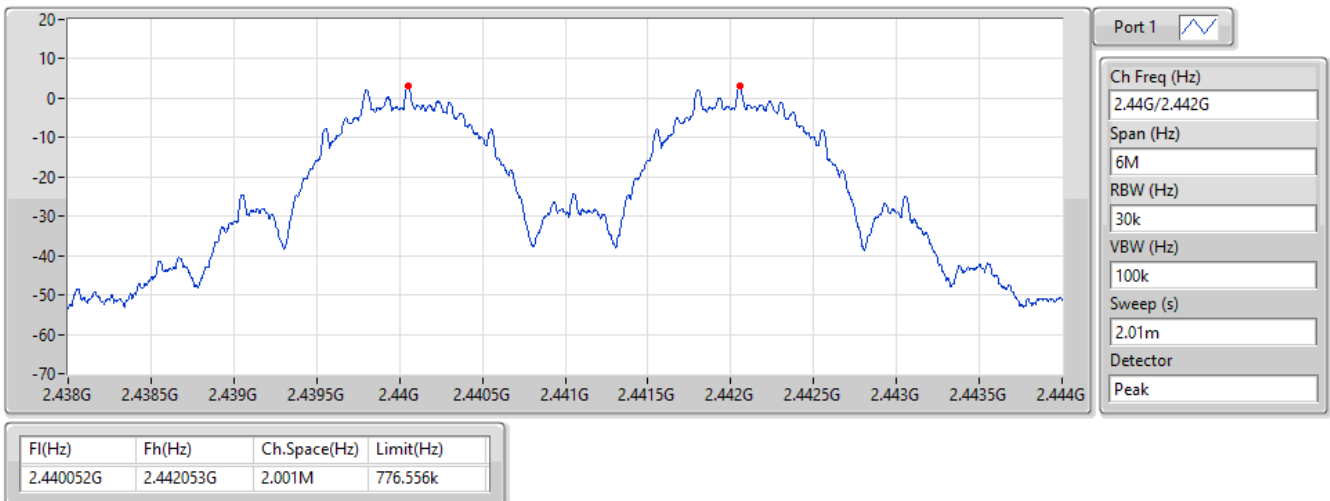
2.402G/2.404GHz



2.4-2.4835GHz_BT-LE(500kbps)

Channel Separation-FS

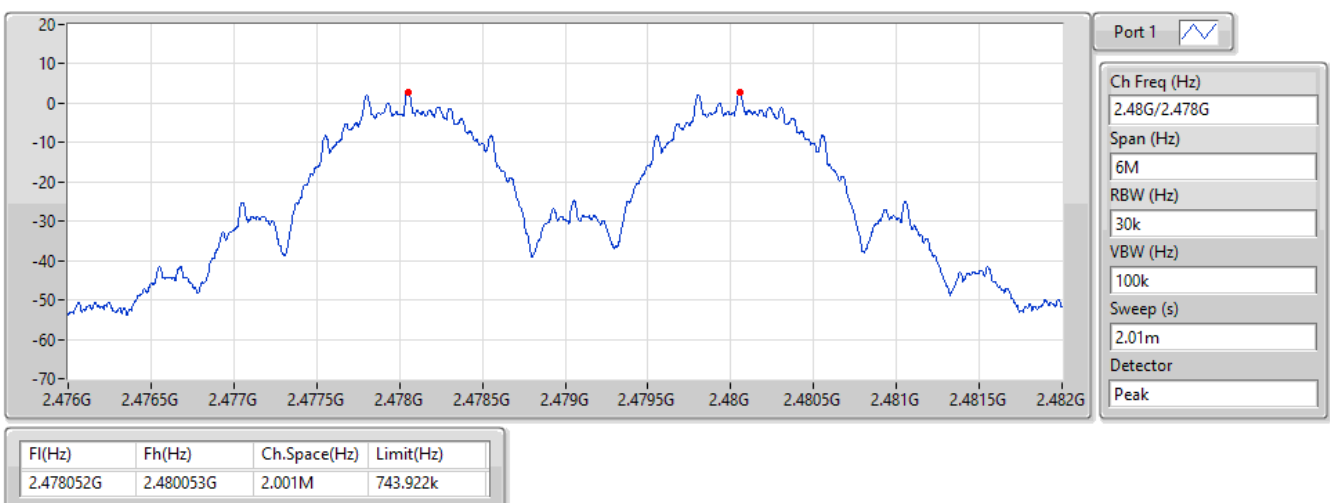
2.44G/2.442GHz



2.4-2.4835GHz_BT-LE(500kbps)

Channel Separation-FS

2.48G/2.478GHz



2.4-2.4835GHz_BT-LE(1Mbps)

Channel Separation-FS

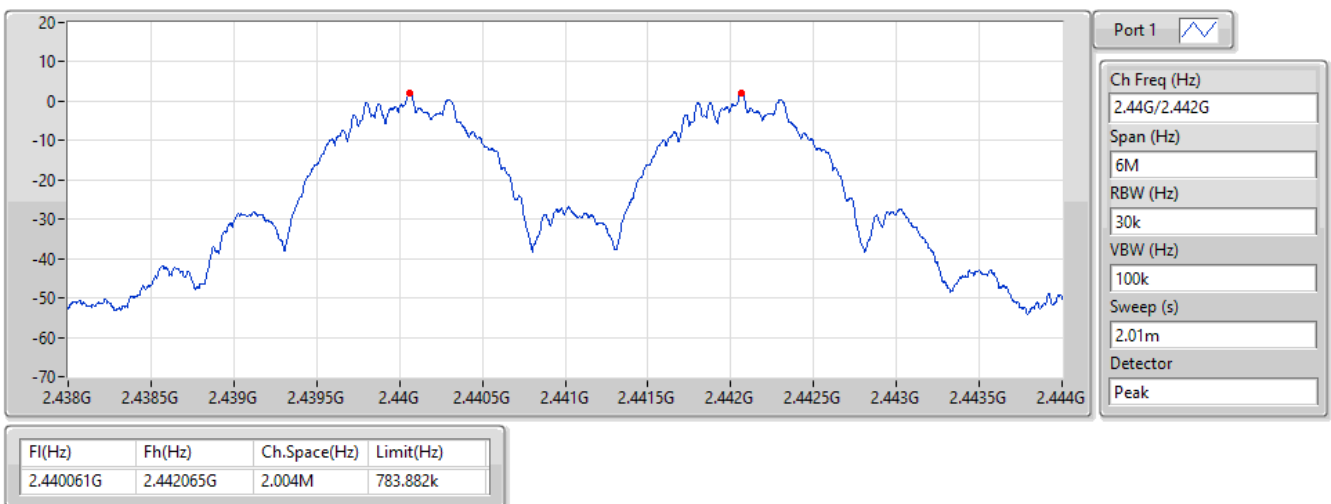
2.402G/2.404GHz



2.4-2.4835GHz_BT-LE(1Mbps)

Channel Separation-FS

2.44G/2.442GHz



2.4-2.4835GHz_BT-LE(1Mbps)

Channel Separation-FS

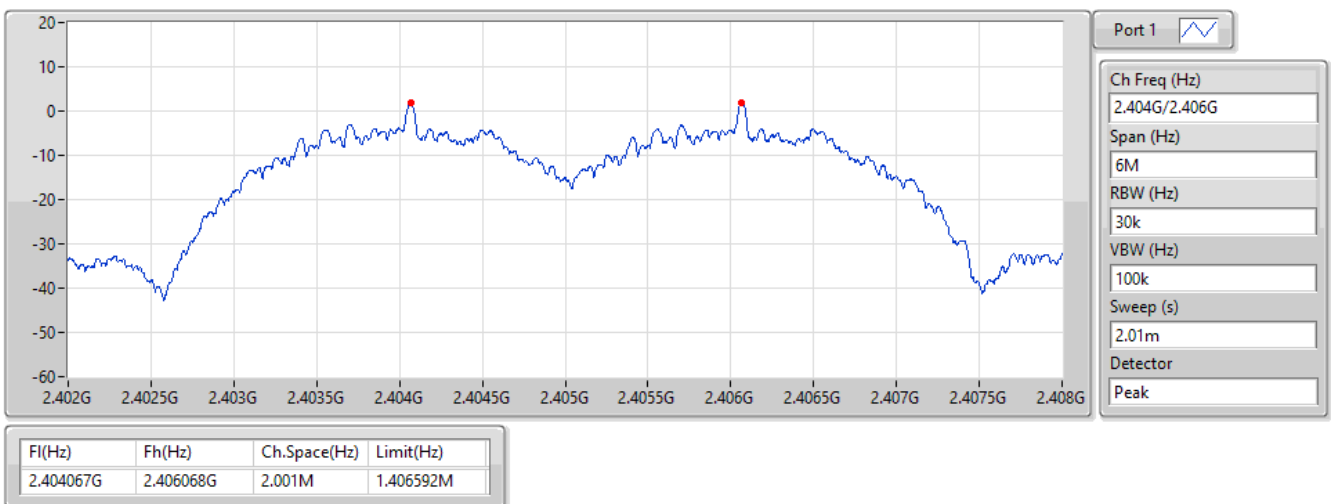
2.48G/2.478GHz



2.4-2.4835GHz_BT-LE(2Mbps)

Channel Separation-FS

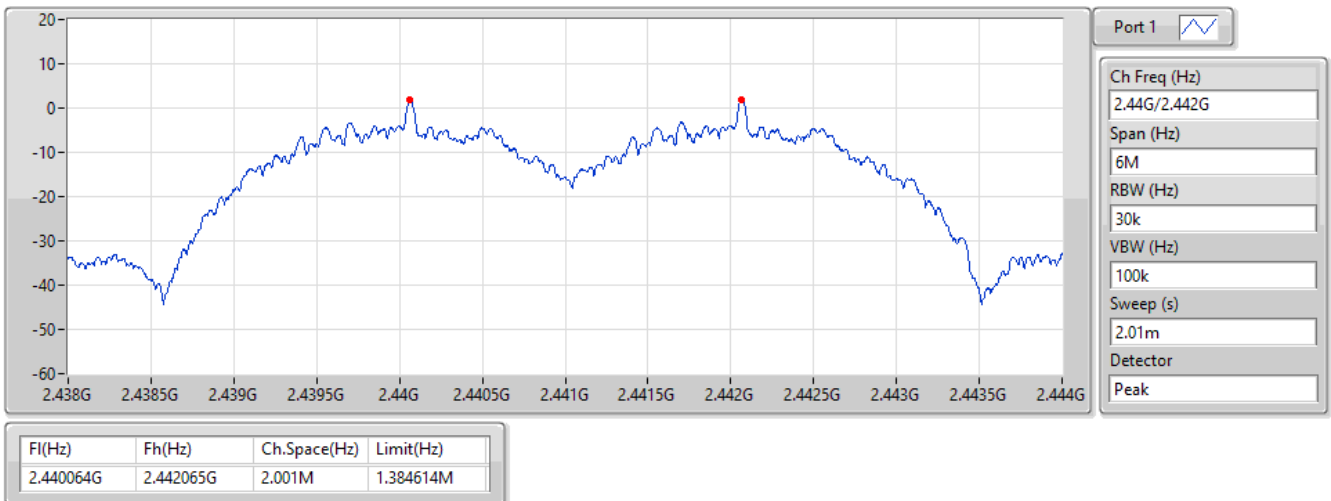
2.404G/2.406GHz



2.4-2.4835GHz_BT-LE(2Mbps)

Channel Separation-FS

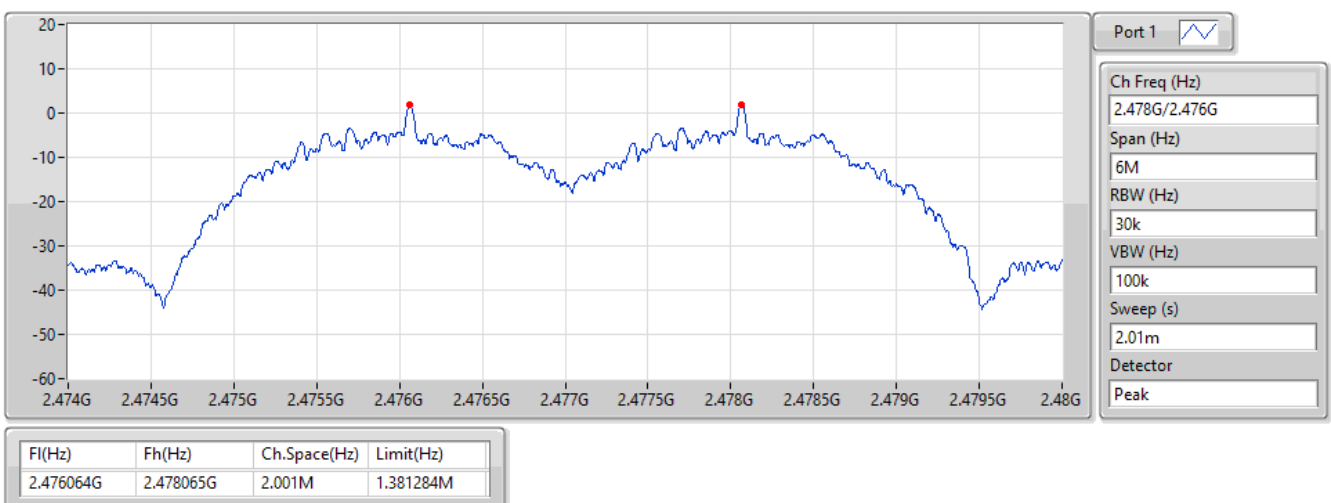
2.44G/2.442GHz



2.4-2.4835GHz_BT-LE(2Mbps)

Channel Separation-FS

2.478G/2.476GHz



Summary

2.4-2.4835GHz	-
BT-LE(125kbps)	204.8025m_BLE
BT-LE(125kbps)-AFH	204.8025m_BLE-AFH
BT-LE(500kbps)	91.385m_BLE
BT-LE(500kbps)-AFH	91.38m_BLE-AFH
BT-LE(1Mbps)	42.92m_BLE
BT-LE(1Mbps)-AFH	42.925m_BLE-AFH
BT-LE(2Mbps)	20.84m_BLE
BT-LE(2Mbps)-AFH	20.84m_BLE-AFH

Result/ Non AFH mode

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (ms)	Number of transmission in Period
BT-LE(125kbps)	-	-	-	-	-	-
2402MHz	PASS	16	0.20480	0.4	17.06688	12
BT-LE(500kbps)	-	-	-	-	-	-
2402MHz	PASS	16	0.09139	0.4	4.56925	20
BT-LE(1Mbps)	-	-	-	-	-	-
2402MHz	PASS	16	0.04292	0.4	2.14600	20
BT-LE(2Mbps)	-	-	-	-	-	-
2404MHz	PASS	14.8	0.02084	0.4	1.042	20

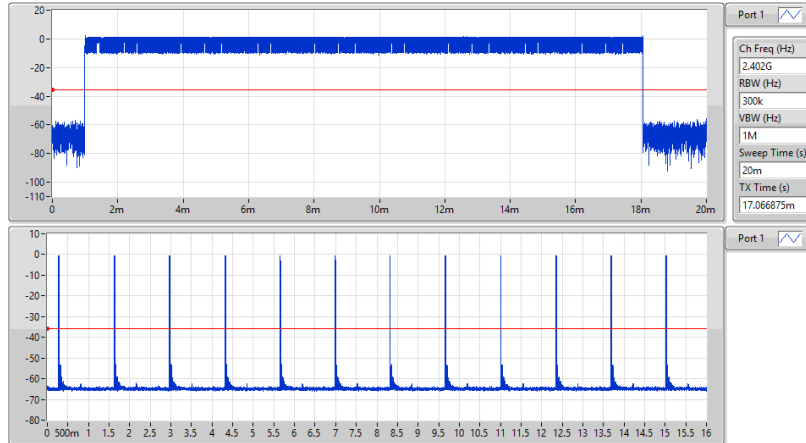
Result/ AFH mode

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (ms)	Number of transmission in Period
BT-LE(125kbps)-AFH	-	-	-	-	-	-
2450MHz	PASS	6	0.20480	0.4	17.06688	12
BT-LE(500kbps)-AFH	-	-	-	-	-	-
2450MHz	PASS	6	0.09138	0.4	4.56900	20
BT-LE(1Mbps)-AFH	-	-	-	-	-	-
2450MHz	PASS	6	0.04293	0.4	2.14625	20
BT-LE(2Mbps)-AFH	-	-	-	-	-	-
2450MHz	PASS	6	0.02084	0.4	1.04200	20

2.4-2.4835GHz_BT-LE(125kbps)

Dwell-FS

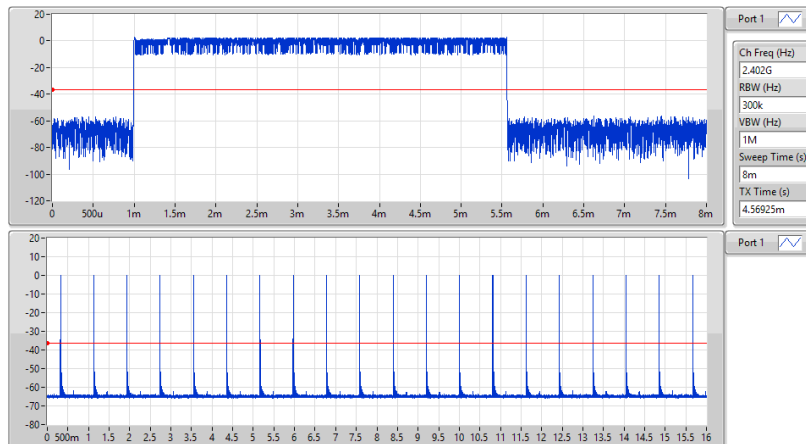
2402MHz



2.4-2.4835GHz_BT-LE(500kbps)

Dwell-FS

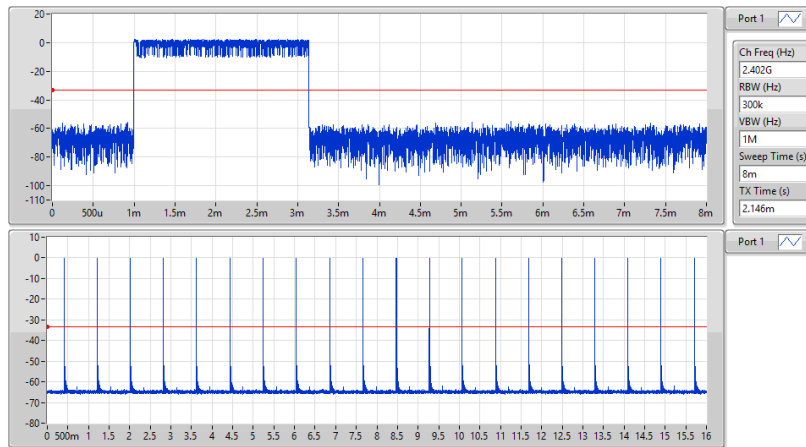
2402MHz



2.4-2.4835GHz_BT-LE(1Mbps)

Dwell-FS

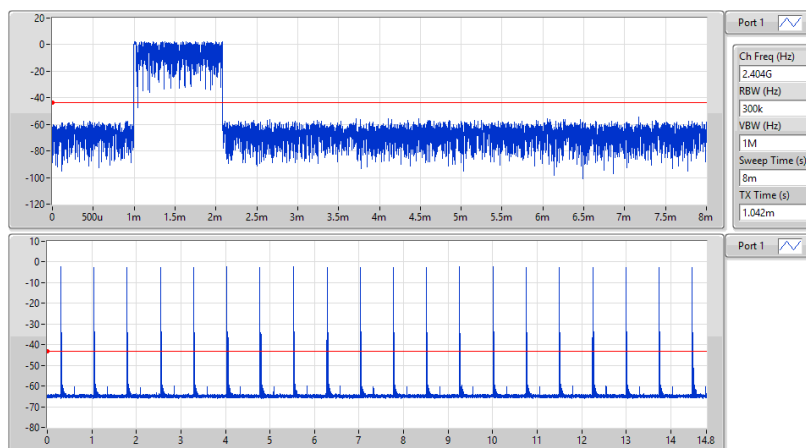
2402MHz



2.4-2.4835GHz_BT-LE(2Mbps)

Dwell-FS

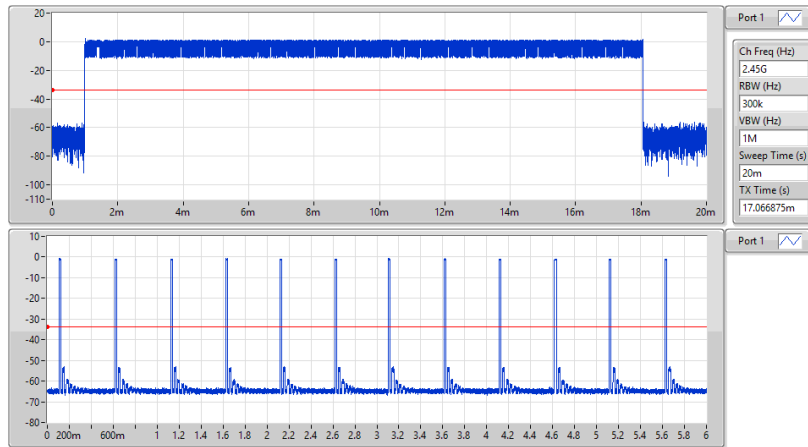
2404MHz



2.4-2.4835GHz_BT-LE0.125-AFH

Dwell-F5

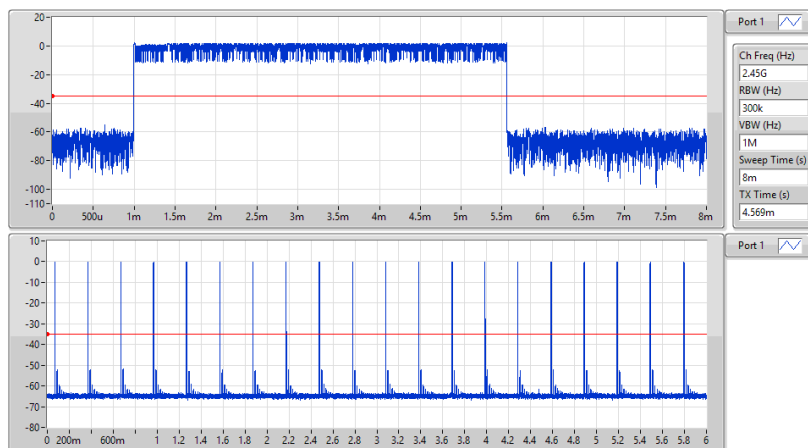
2450MHz



2.4-2.4835GHz_BT-LE0.5-AFH

Dwell-F5

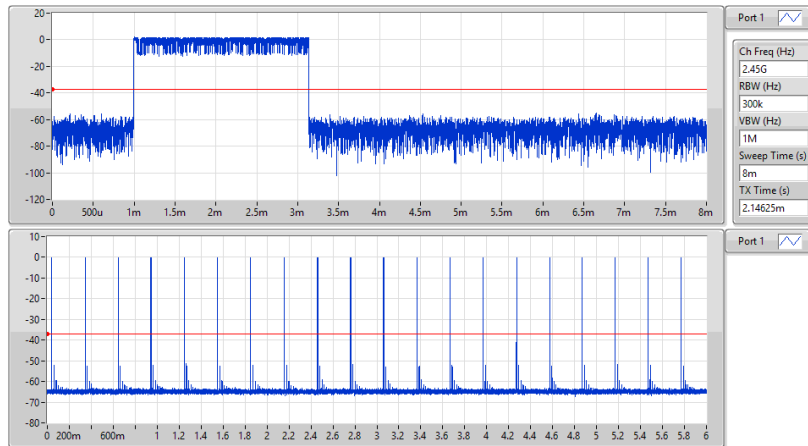
2450MHz



2.4-2.4835GHz_BT-LE1-AFH

Dwell-FS

2450MHz



2.4-2.4835GHz_BT-LE2-AFH

Dwell-FS

2450MHz

