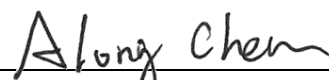


FCC Test Report

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:

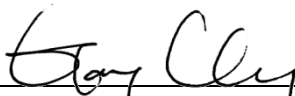

Gary Chang / Manager

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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
FR5D3115AD	Rev. 01	Initial issue	Jun. 03, 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]: 57.16MHz 29.69 (Margin -10.31dB) - PK	Pass
15.247(d)	Band Edge	Meet the requirement of limit	Pass
15.247(b)(1)	Conducted Output Power	Power [dBm]: 9.97	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
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. Frequency (MHz)	Channel Number	Data Rate
2400-2483.5	BR	2402-2480	0-78 [79]	1 Mbps
2400-2483.5	EDR	2402-2480	0-78 [79]	2 Mbps
2400-2483.5	EDR	2402-2480	0-78 [79]	3 Mbps
Note 1: RF output power specifies that Maximum Peak Conducted Output Power. Note 2: Bluetooth BR uses a GFSK. Note 3: Bluetooth EDR uses a combination of $\pi/4$ -DQPSK and 8DPSK.				

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)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	Hardware, version: 0.5	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
DH5	78.61%	1.05
2DH5	78.61%	1.05
3DH5	78.03%	1.08

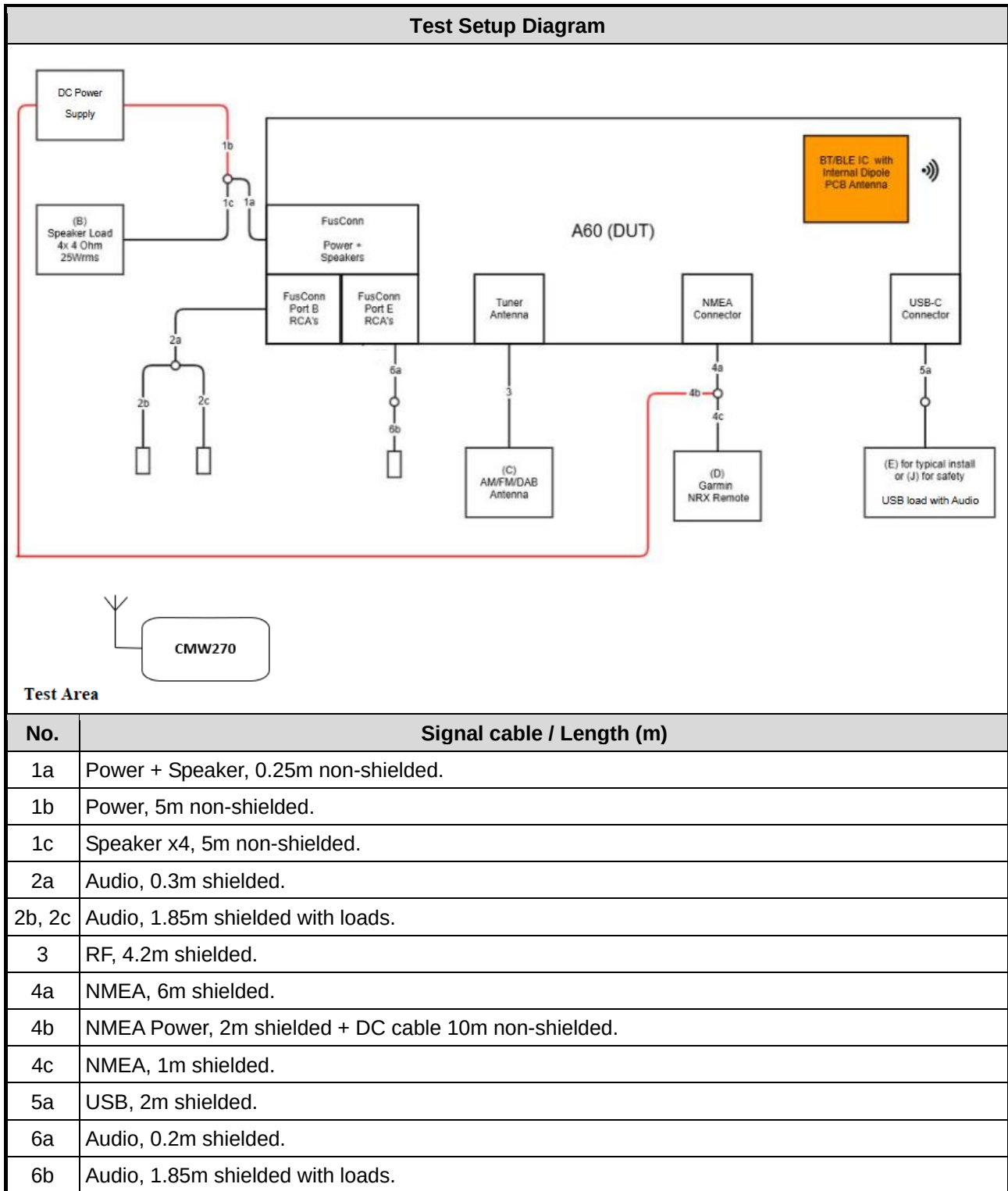
1.1.7 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)		
	2402	2441	2480
GFSK/1Mbps	Default	Default	Default
$\pi/4$ -DQPSK /2Mbps	Default	Default	Default
8DPSK/3Mbps	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-4C	---	Provided by applicant.
2b, 2c	Audio cable with load	JL AUDIO	CA_AUD_1.85M	---	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_1.85M	---	Provided by applicant.
-	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	Mar. 12, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Wireless connectivity tester	R&S	CMW270	100856	Jan. 06, 2026	Jan. 05, 2027
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
Wireless connectivity tester	R&S	CMW270	100856	Jan. 06, 2026	Jan. 05, 2027
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
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)	Data Rate (Mbps)	Test Configuration
Radiated Emissions ≤ 1GHz	GFSK	2402	1Mbps	---
Radiated Emissions > 1GHz	GFSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480	1Mbps 3Mbps	---
Conducted Output Power	GFSK π/4 DQPSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480 2402, 2441, 2480	1Mbps 2Mbps 3Mbps	---
Number of Hopping Channels	GFSK π/4 DQPSK 8DPSK	2402~2480 2402~2480 2402~2480	1Mbps 2Mbps 3Mbps	---
Hopping Channel Separation 20dB and Occupied bandwidth	GFSK π/4 DQPSK 8DPSK	2402, 2441, 2480 2402, 2441, 2480 2402, 2441, 2480	1Mbps 2Mbps 3Mbps	---
Dwell Time	GFSK π/4 DQPSK 8DPSK	2402 2402 2402	1Mbps 2Mbps 3Mbps	---

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

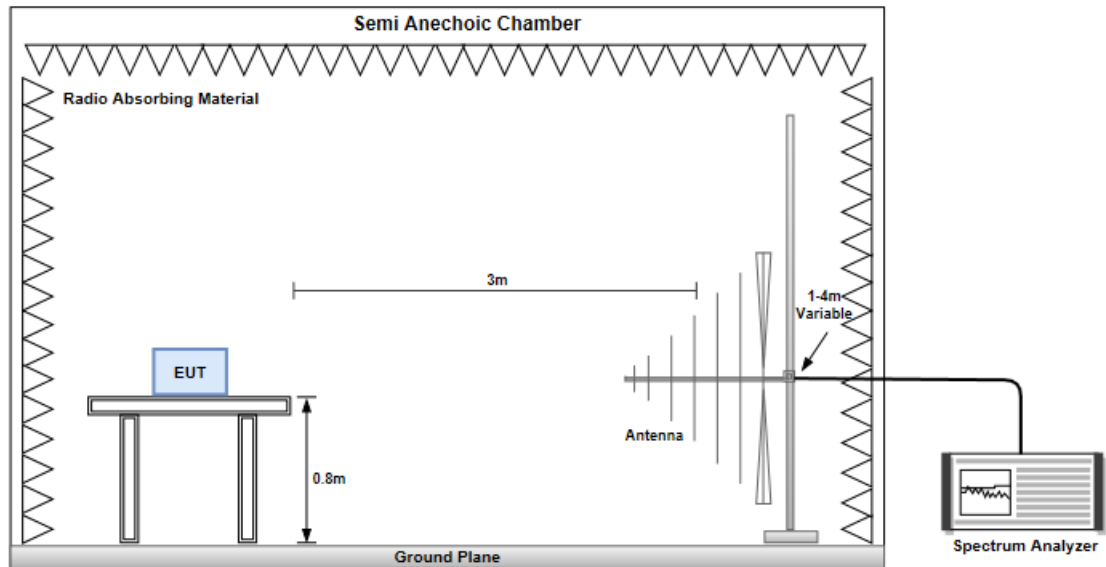
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

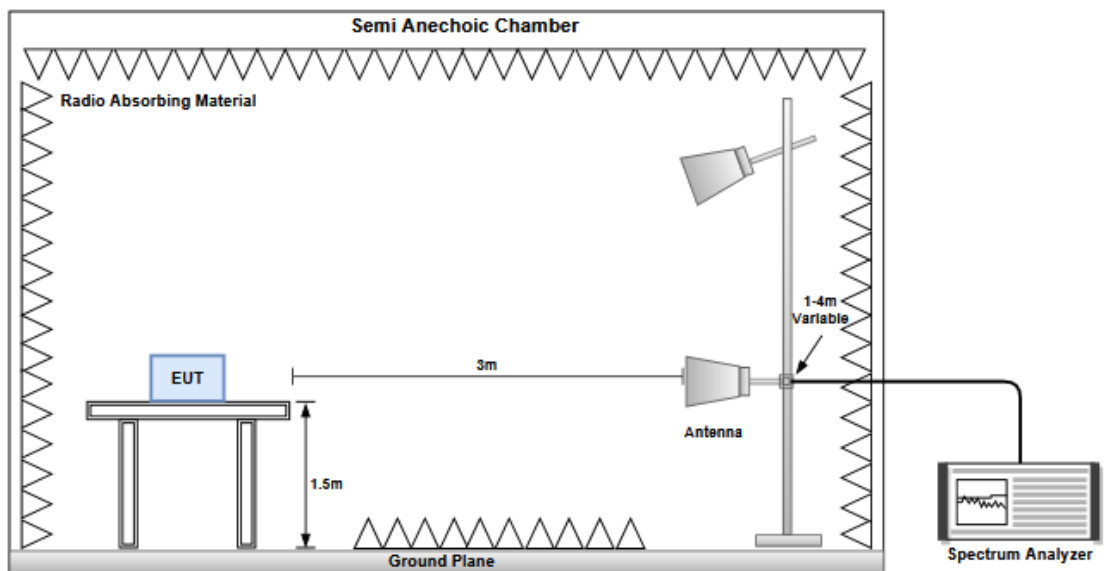
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. Radiated emission above 1GHz / Peak value
RBW=1MHz, VBW=3MHz and Peak detector
Radiated emission above 1GHz / Average value for harmonics
The average value is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula for DH5 packet type which has worst duty factor:
3.
$$20\log (\text{Duty cycle}) = 20\log \frac{1\text{s} / 1600 * 5}{100 \text{ ms}} = -30.1\text{dB}$$
4. Radiated emission above 1GHz / Average value for other emissions
RBW=1MHz, VBW=1/T and Peak detector

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

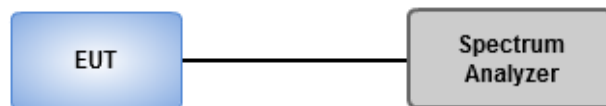
Reference level measurement

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

Refer to Appendix B.

3.3 Conducted Output Power

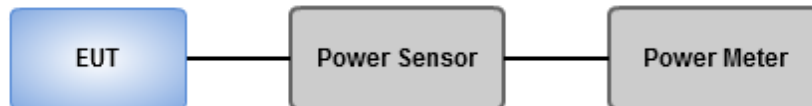
3.3.1 Limit of Conducted Output Power

- ☐ 1 Watt
For frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non overlapping hopping channels, and all frequency hopping systems in the 5725–5850 MHz band.
- ☒ 0.125 Watt
For all other frequency hopping systems in the 2400–2483.5 MHz band.
- ☐ 0.125 Watt
For Frequency hopping systems operating in the 2400–2483.5 MHz band have hopping channel carrier frequencies that are separated by two-thirds of the 20 dB bandwidth of the hopping channel.

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

3.4 Number of Hopping Frequency

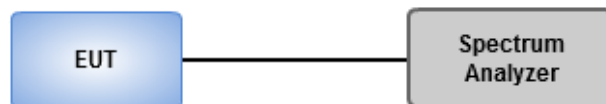
3.4.1 Limit of Number of Hopping Frequency

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

3.5 20dB and Occupied Bandwidth

3.5.1 Test Procedures

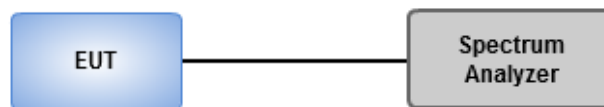
20dB Bandwidth

1. Set RBW=20kHz, 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	20°C / 60%	Tested By	Aska Huang
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Refer to Appendix E.

3.6 Channel Separation

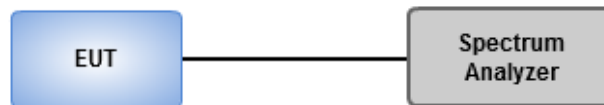
3.6.1 Limit of Channel Separation

- ☐ 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	20°C / 60%	Tested By	Aska Huang
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Refer to Appendix F.

3.7 Number of Dwell Time

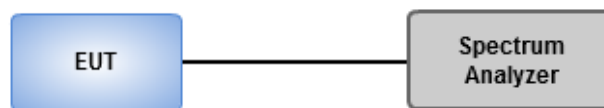
3.7.1 Limit of Dwell time

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 ms, Detector=Peak, Span=0 Hz, Trace max hold.
2. Enable gating and trigger function of spectrum analyzer to measure burst on time.
3. Set RBW=300 kHz, VBW=1 MHz, Sweep time=5 s / 2 s, Detector=Peak, Span=0 Hz, Trace max hold.
4. Enable gating and trigger function of spectrum analyzer to measure burst on number of transmission.
5. Set RBW=300 kHz, VBW=1 MHz, Sweep time=31.6 s / 8 s, Detector=Peak, Span=0 Hz, Trace max hold.
6. Enable gating and trigger function of spectrum analyzer to measure burst on number of transmission of entire time cycle.

3.7.3 Test Setup



3.7.4 Test Results

Ambient Condition	20°C / 60%	Tested By	Aska Huang
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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: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==



Emissions (Below 1GHz)

Modulation	GFSK	Test Freq. (MHz)	2402
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBUV/m) <			



Modulation	GFSK	Test Freq. (MHz)	2402
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBUV/m) <			



Emissions (Above 1GHz) for GFSK

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



Modulation	GFSK	Test Freq. (MHz)	2402																														
Polarization	Horizontal-Average 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>4804.00</td><td>12.30</td><td>54.00</td><td>-41.70</td><td></td><td></td><td>Average</td><td>219</td><td>72</td></tr><tr><td>2</td><td>12010.00</td><td>20.87</td><td>54.00</td><td>-33.13</td><td></td><td></td><td>Average</td><td>238</td><td>172</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	4804.00	12.30	54.00	-41.70			Average	219	72	2	12010.00	20.87	54.00	-33.13			Average	238	172
	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	12.30	54.00	-41.70			Average	219	72																								
2	12010.00	20.87	54.00	-33.13			Average	238	172																								
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: When average value is calculated not measured, no SA reading and factor value are listed.																																	



Modulation	GFSK	Test Freq. (MHz)	2402						
Polarization	Vertical-Peak Value								
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63									
Level (dBUV/m) 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	4804.00	41.25	74.00	-32.75	40.23	1.02	Peak	287	328
2	12010.00	50.73	74.00	-23.27	42.11	8.62	Peak	216	73
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: When average value is calculated not measured, no SA reading and factor value are listed.									



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



Modulation	GFSK	Test Freq. (MHz)	2441
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Modulation	GFSK	Test Freq. (MHz)	2441
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) </			



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



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



Emissions (Above 1GHz) for 8DPSK

Modulation	8DPSK	Test Freq. (MHz)	2402
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	8DPSK	Test Freq. (MHz)	2402
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	8DPSK	Test Freq. (MHz)	2441
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) </			



Modulation	8DPSK	Test Freq. (MHz)	2441
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) </			



Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Band Edge measurement

Appendix A.2

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



Band Edge measurement

Appendix A.2

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



Band Edge measurement

Appendix A.2

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



Band Edge measurement

Appendix A.2

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



Band Edge measurement

Appendix A.2

Modulation	GFSK	Test Freq. (MHz)	2441
Polarization	Horizontal-Peak		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Band Edge measurement

Appendix A.2

Modulation	GFSK	Test Freq. (MHz)	2441
Polarization	Horizontal-Average		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Band Edge measurement

Appendix A.2

Modulation	GFSK	Test Freq. (MHz)	2441
Polarization	Vertical-Peak		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Band Edge measurement

Appendix A.2

Modulation	GFSK	Test Freq. (MHz)	2441
Polarization	Vertical-Average		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) </			



Band Edge measurement

Appendix A.2

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



Band Edge measurement

Appendix A.2

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



Band Edge measurement

Appendix A.2

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



Band Edge measurement

Appendix A.2

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



Band Edge measurement

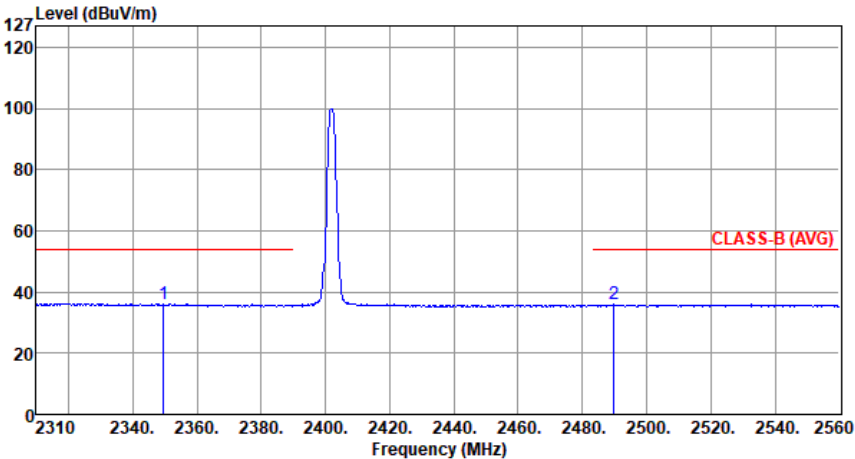
Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2402																														
Polarization	Horizontal-Peak																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
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>2326.00</td><td>48.70</td><td>74.00</td><td>-25.30</td><td>51.79</td><td>-3.09</td><td>Peak</td><td>118</td><td>334</td></tr><tr><td>2</td><td>2485.25</td><td>48.27</td><td>74.00</td><td>-25.73</td><td>51.81</td><td>-3.54</td><td>Peak</td><td>118</td><td>334</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	2326.00	48.70	74.00	-25.30	51.79	-3.09	Peak	118	334	2	2485.25	48.27	74.00	-25.73	51.81	-3.54	Peak	118	334
	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	2326.00	48.70	74.00	-25.30	51.79	-3.09	Peak	118	334																								
2	2485.25	48.27	74.00	-25.73	51.81	-3.54	Peak	118	334																								
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.2

Modulation	8DPSK	Test Freq. (MHz)	2402																														
Polarization	Horizontal-Average																																
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>2349.50</td><td>36.25</td><td>54.00</td><td>-17.75</td><td>39.42</td><td>-3.17</td><td>Average</td><td>118</td><td>334</td></tr><tr><td>2</td><td>2489.75</td><td>35.86</td><td>54.00</td><td>-18.14</td><td>39.34</td><td>-3.48</td><td>Average</td><td>118</td><td>334</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	2349.50	36.25	54.00	-17.75	39.42	-3.17	Average	118	334	2	2489.75	35.86	54.00	-18.14	39.34	-3.48	Average	118	334
	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	2349.50	36.25	54.00	-17.75	39.42	-3.17	Average	118	334																								
2	2489.75	35.86	54.00	-18.14	39.34	-3.48	Average	118	334																								
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

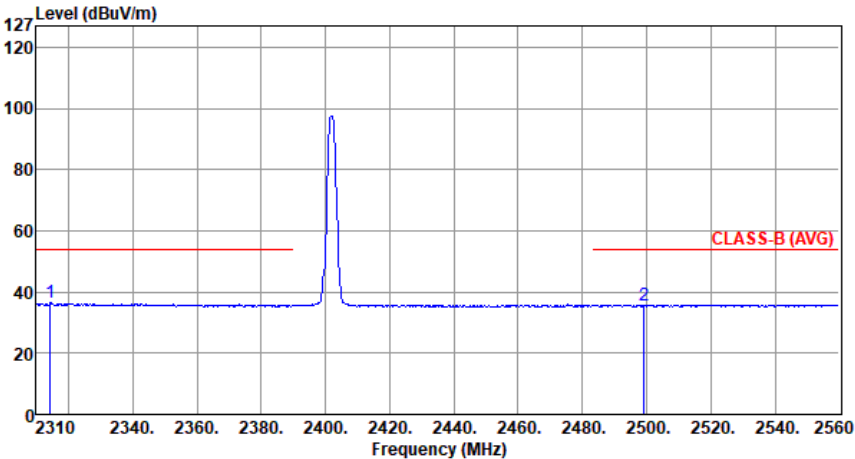
Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2402
Polarization	Vertical-Peak		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Band Edge measurement

Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2402																														
Polarization	Vertical-Average																																
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63																																	
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>2314.25</td><td>36.48</td><td>54.00</td><td>-17.52</td><td>39.51</td><td>-3.03</td><td>Average</td><td>228</td><td>315</td></tr><tr><td>2</td><td>2499.25</td><td>35.72</td><td>54.00</td><td>-18.28</td><td>39.28</td><td>-3.56</td><td>Average</td><td>228</td><td>315</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	2314.25	36.48	54.00	-17.52	39.51	-3.03	Average	228	315	2	2499.25	35.72	54.00	-18.28	39.28	-3.56	Average	228	315
	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	2314.25	36.48	54.00	-17.52	39.51	-3.03	Average	228	315																								
2	2499.25	35.72	54.00	-18.28	39.28	-3.56	Average	228	315																								
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

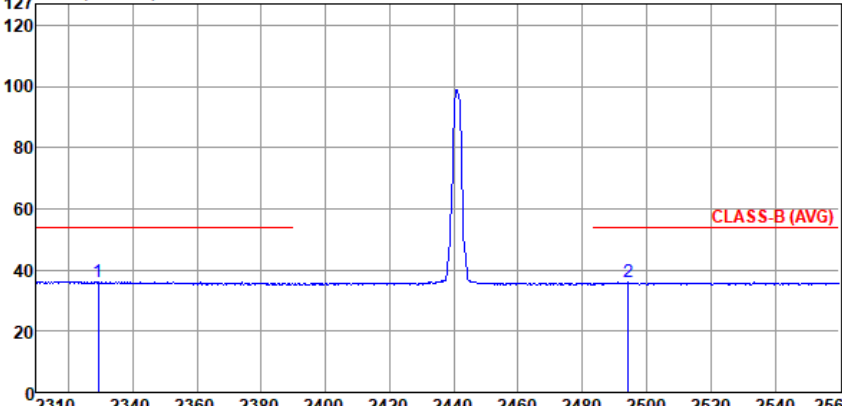
Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2441
Polarization	Horizontal-Peak		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Band Edge measurement

Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2441																														
Polarization	Horizontal-Average																																
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>2329.25</td><td>36.29</td><td>54.00</td><td>-17.71</td><td>39.44</td><td>-3.15</td><td>Average</td><td>309</td><td>27</td></tr><tr><td>2</td><td>2494.25</td><td>36.06</td><td>54.00</td><td>-17.94</td><td>39.57</td><td>-3.51</td><td>Average</td><td>309</td><td>27</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	2329.25	36.29	54.00	-17.71	39.44	-3.15	Average	309	27	2	2494.25	36.06	54.00	-17.94	39.57	-3.51	Average	309	27
	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	2329.25	36.29	54.00	-17.71	39.44	-3.15	Average	309	27																								
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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.2

Modulation	8DPSK	Test Freq. (MHz)	2441
Polarization	Vertical-Peak		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Band Edge measurement

Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2441
Polarization	Vertical-Average		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Band Edge measurement

Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Horizontal-Peak		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			



Band Edge measurement

Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Horizontal-Average		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Band Edge measurement

Appendix A.2

Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Vertical-Peak		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m)			



Band Edge measurement

Appendix A.2

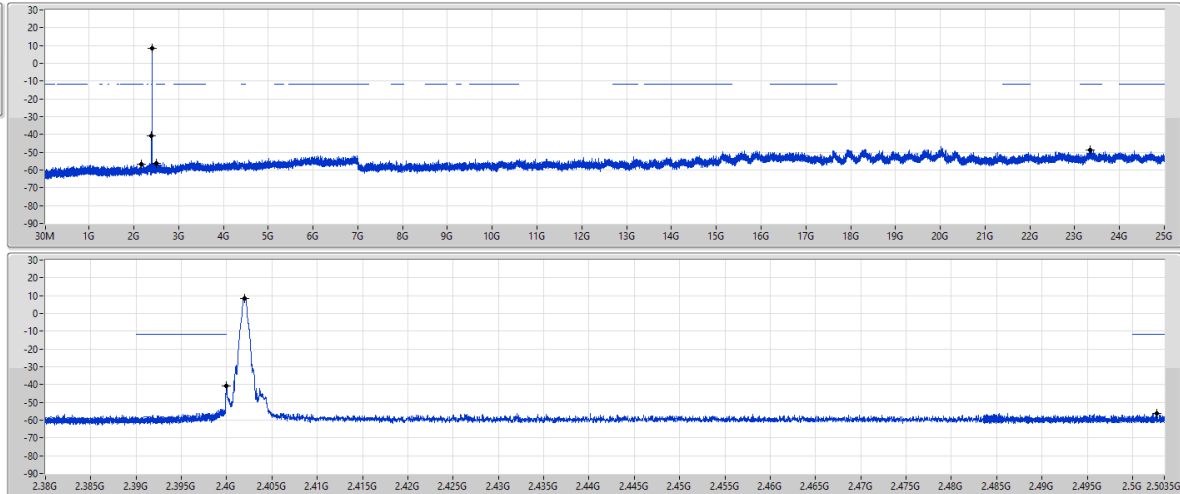
Modulation	8DPSK	Test Freq. (MHz)	2480
Polarization	Vertical-Average		
Test By :Akun Chung- Temperature(°C):23 Humidity(%):63			
Level (dBuV/m) <			

2.4-2.4835GHz_BT-BR(1Mbps)

CSENdB-FS

2402MHz

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

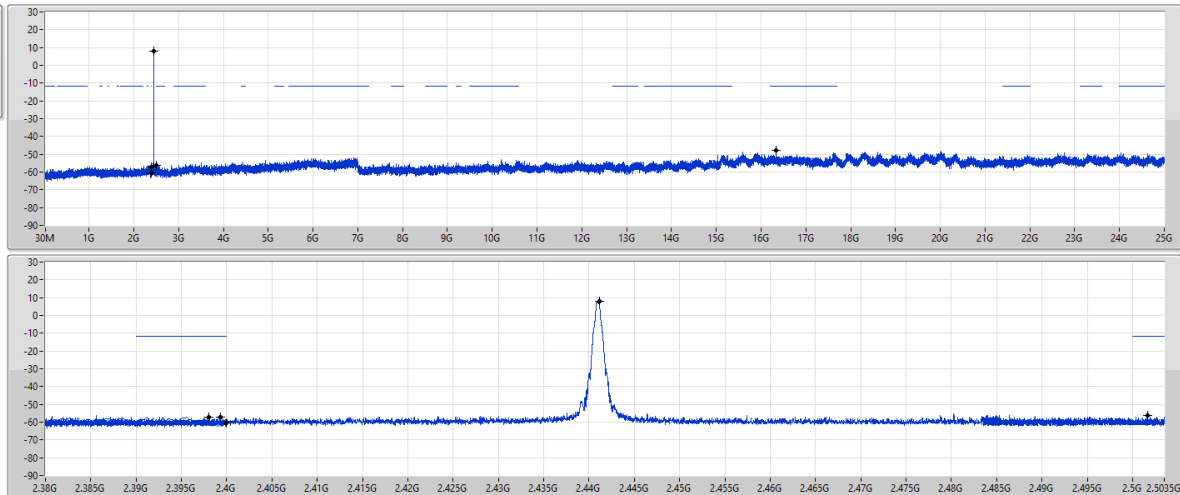


2.4-2.4835GHz_BT-BR(1Mbps)

CSENdB-FS

2441MHz

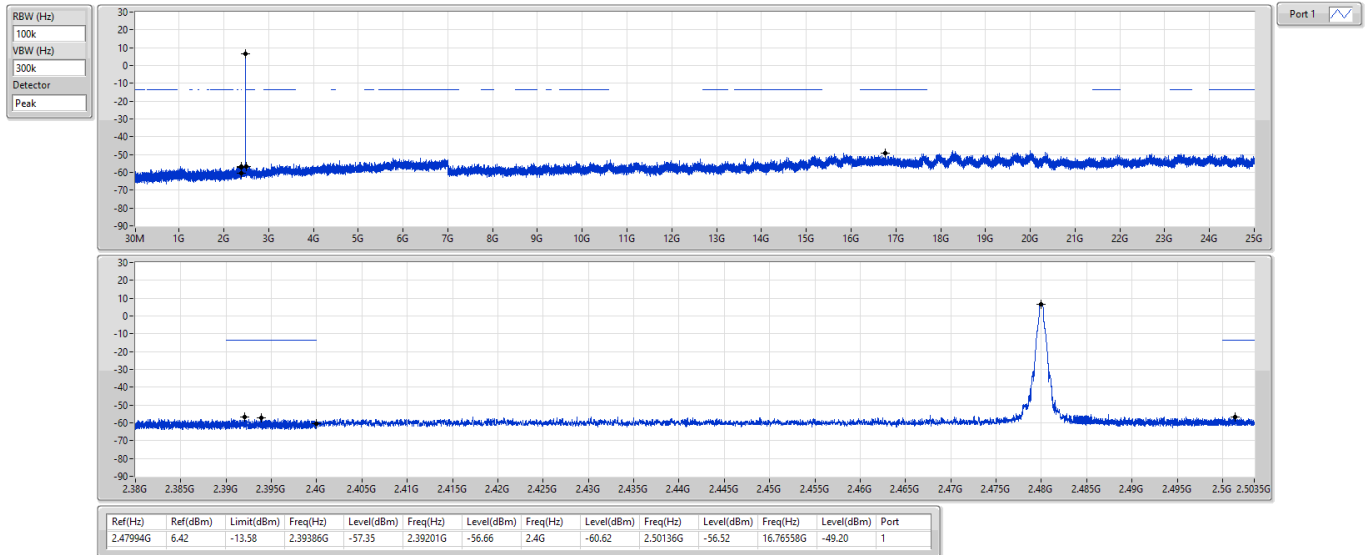
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



2.4-2.4835GHz_BT-BR(1Mbps)

CSEndB-FS

2480MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

2402MHz

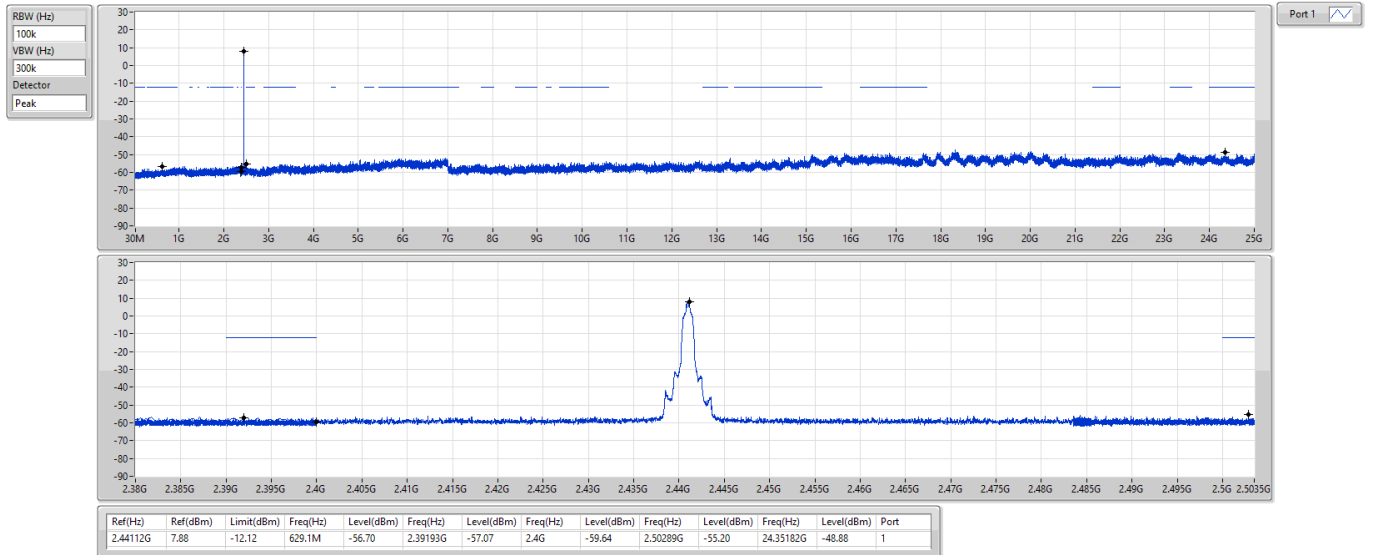




2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

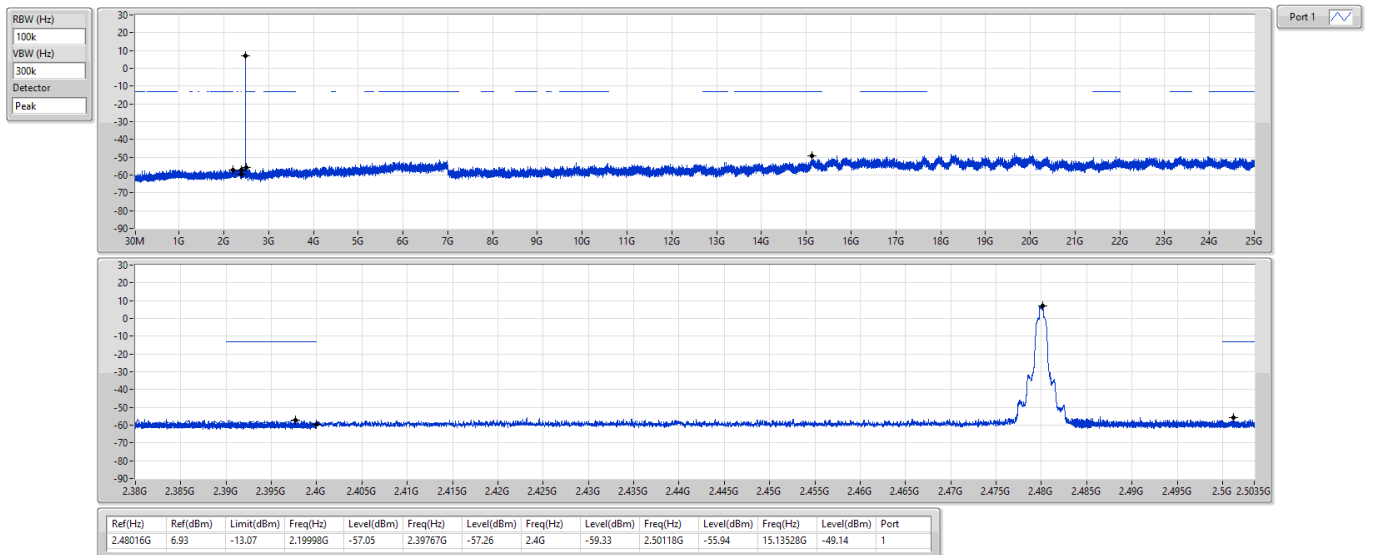
2441MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

2480MHz

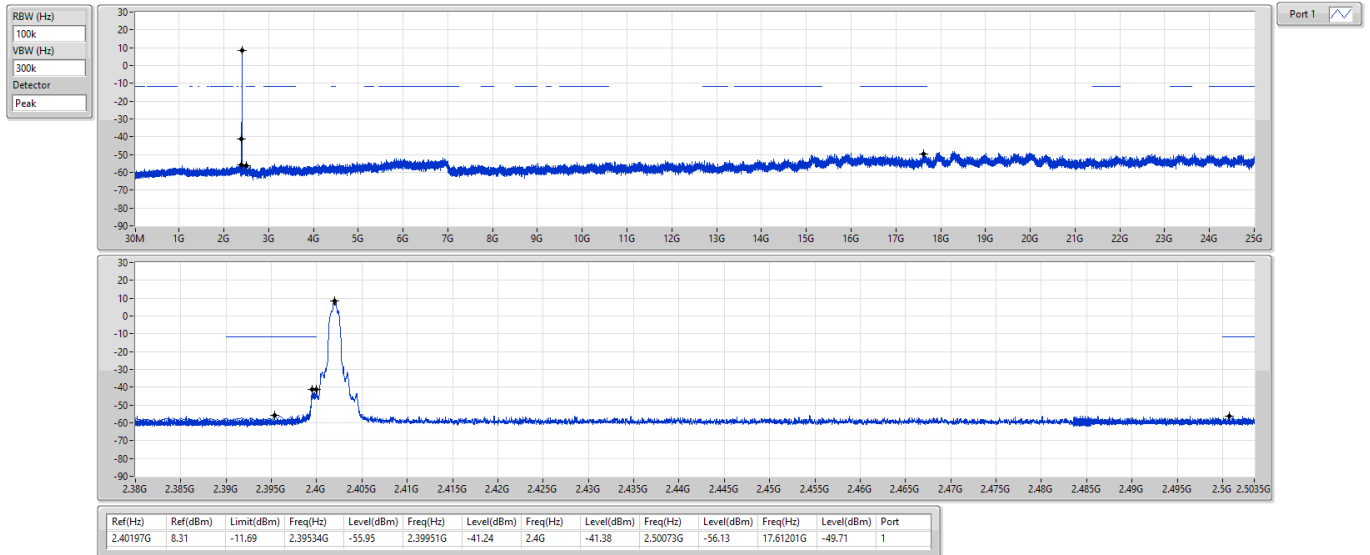




2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

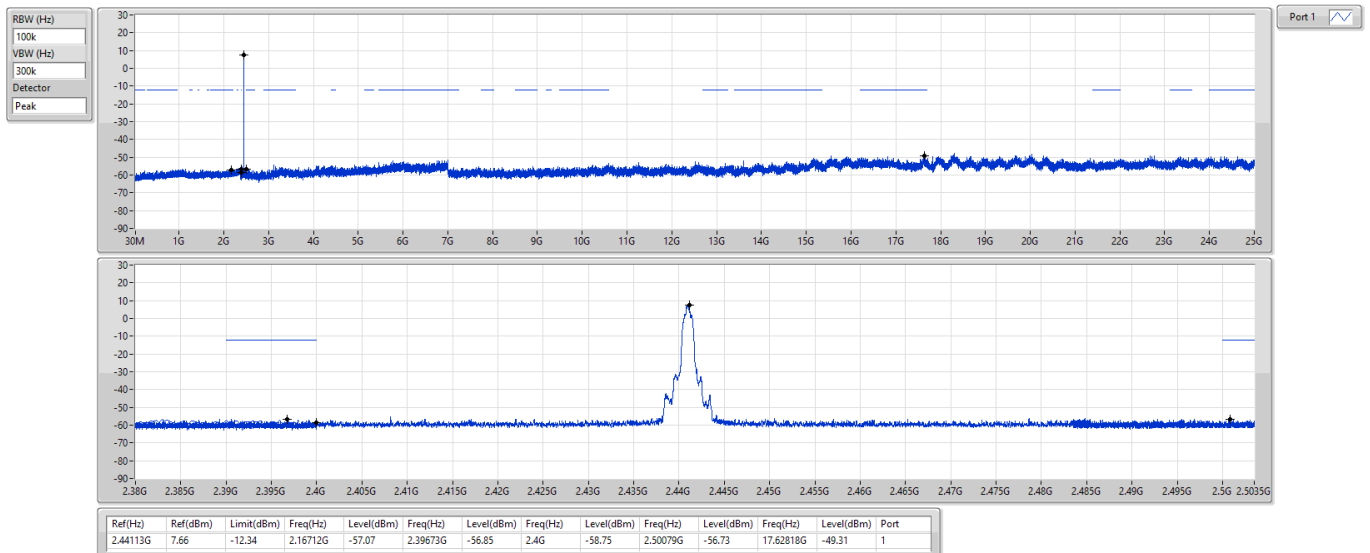
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2441MHz



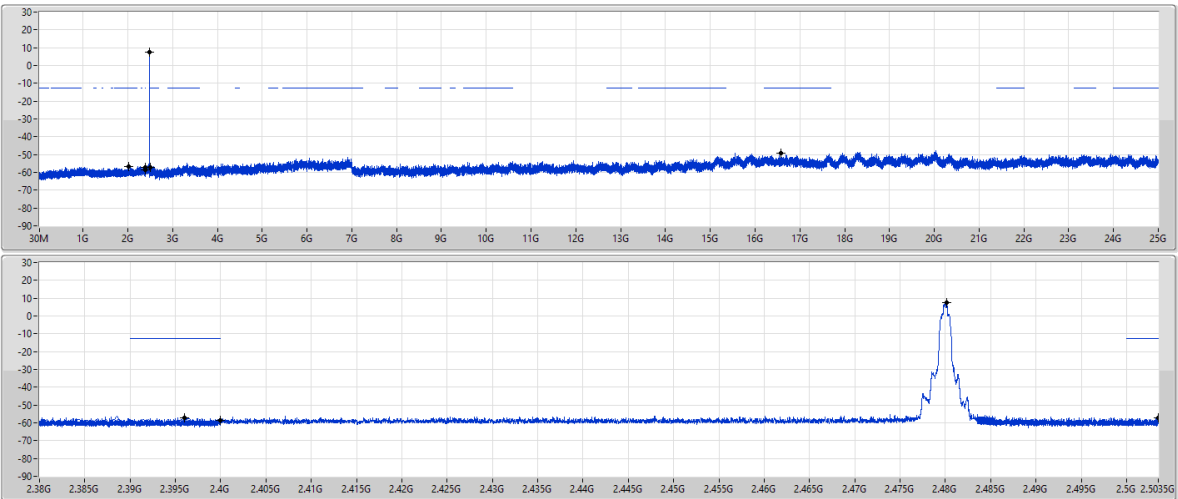


2.4-2.4835GHz_BT-EDR(3Mbps)

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
2.48015G	7.39	-12.61	2.02534G	-56.62	2.396G	-57.26	2.4G	-58.75	2.50346G	-57.35	16.58561G	-49.09	1



Conducted Output Power(Peak)

Appendix C

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	9.97	0.00993
BT-EDR(2Mbps)	9.86	0.00968
BT-EDR(3Mbps)	9.89	0.00975

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	9.97	21.00	13.04	27.00
2441MHz	Pass	3.07	9.38	21.00	12.45	27.00
2480MHz	Pass	3.07	8.92	21.00	11.99	27.00
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	9.86	21.00	12.93	27.00
2441MHz	Pass	3.07	9.28	21.00	12.35	27.00
2480MHz	Pass	3.07	8.82	21.00	11.89	27.00
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	9.89	21.00	12.96	27.00
2441MHz	Pass	3.07	9.32	21.00	12.39	27.00
2480MHz	Pass	3.07	8.87	21.00	11.94	27.00

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



Conducted Output Power(Average)

Appendix C

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	9.77	0.00948
BT-EDR(2Mbps)	6.56	0.00453
BT-EDR(3Mbps)	6.59	0.00456

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	9.77	-	12.84	-
2441MHz	Pass	3.07	9.17	-	12.24	-
2480MHz	Pass	3.07	8.69	-	11.76	-
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	6.56	-	9.63	-
2441MHz	Pass	3.07	5.63	-	8.70	-
2480MHz	Pass	3.07	6.07	-	9.14	-
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.07	6.59	-	9.66	-
2441MHz	Pass	3.07	5.67	-	8.74	-
2480MHz	Pass	3.07	6.09	-	9.16	-

Note: Average power is for reference only

**Summary**

Mode	Max-Hop No
2.4-2.4835GHz	-
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

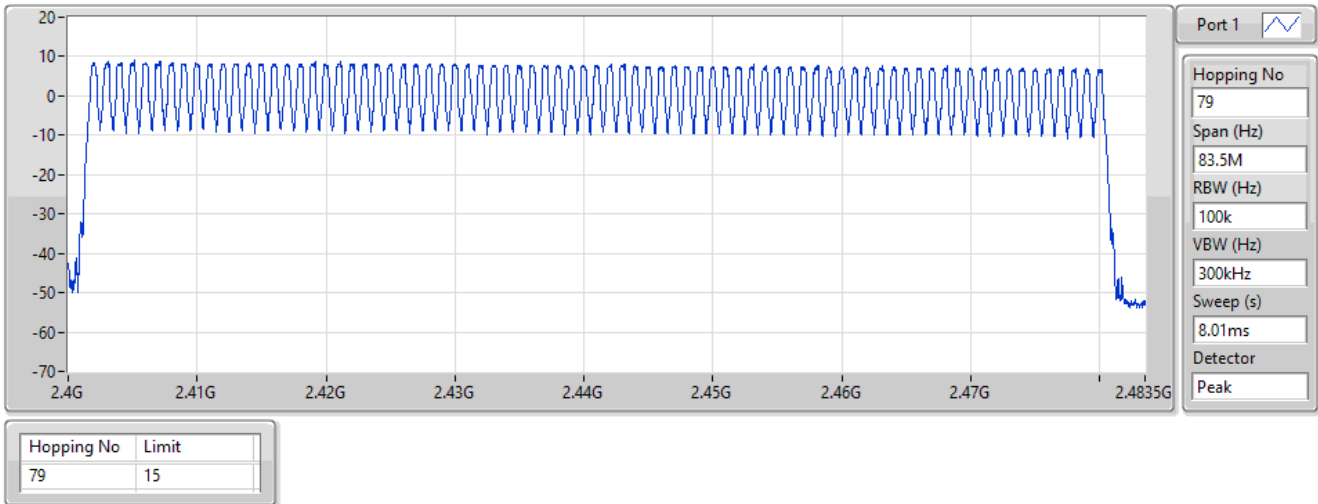
Result

Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2402MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2402MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2402MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

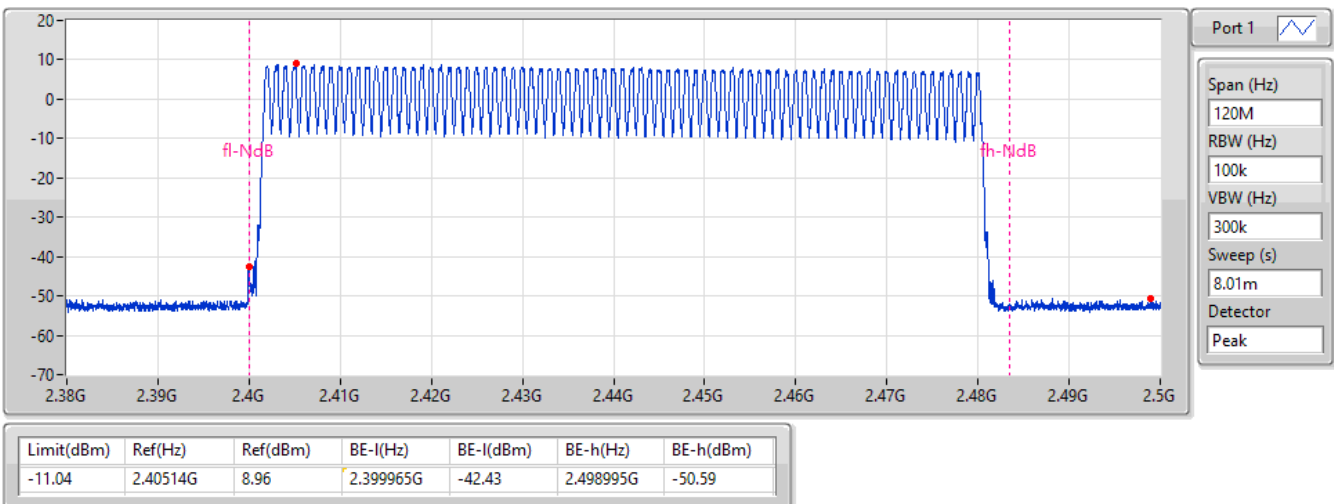
2402MHz



2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz

Hopping Ch Bandedge (Non-restricted Band)

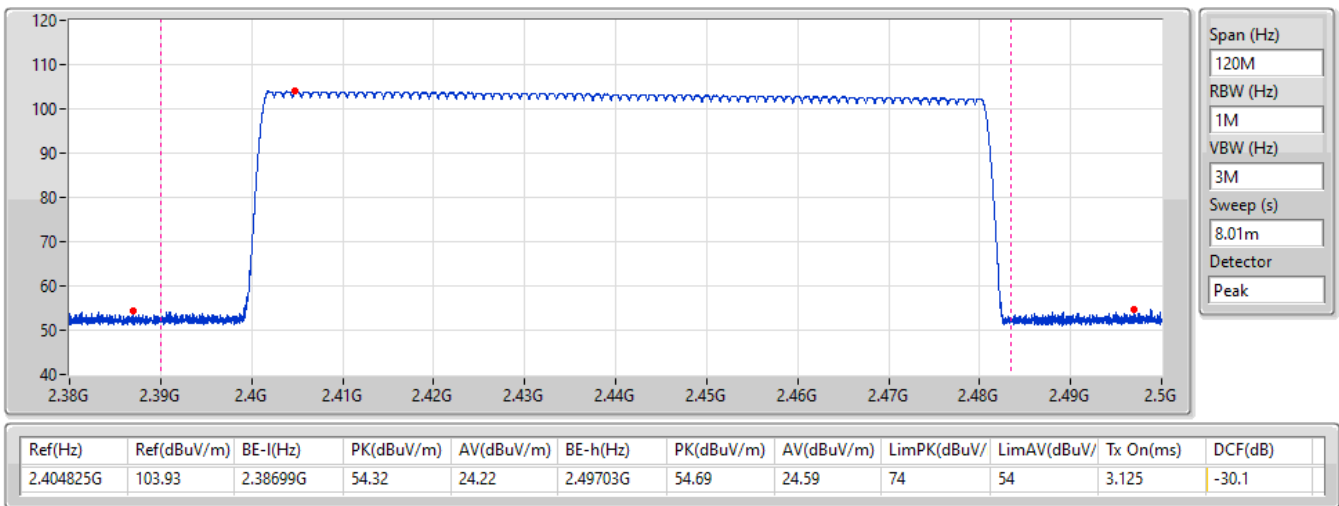




2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz

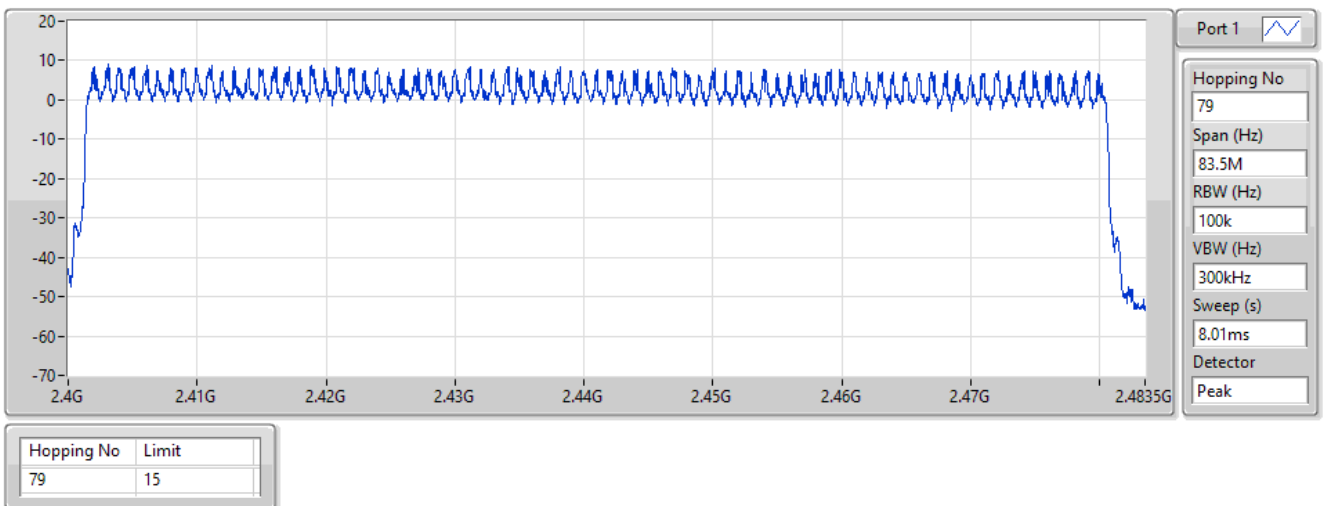
Hopping Ch Bandedge (Restricted Band)



2.4-2.4835GHz_BT-EDR(2Mbps)

Hopping-FS

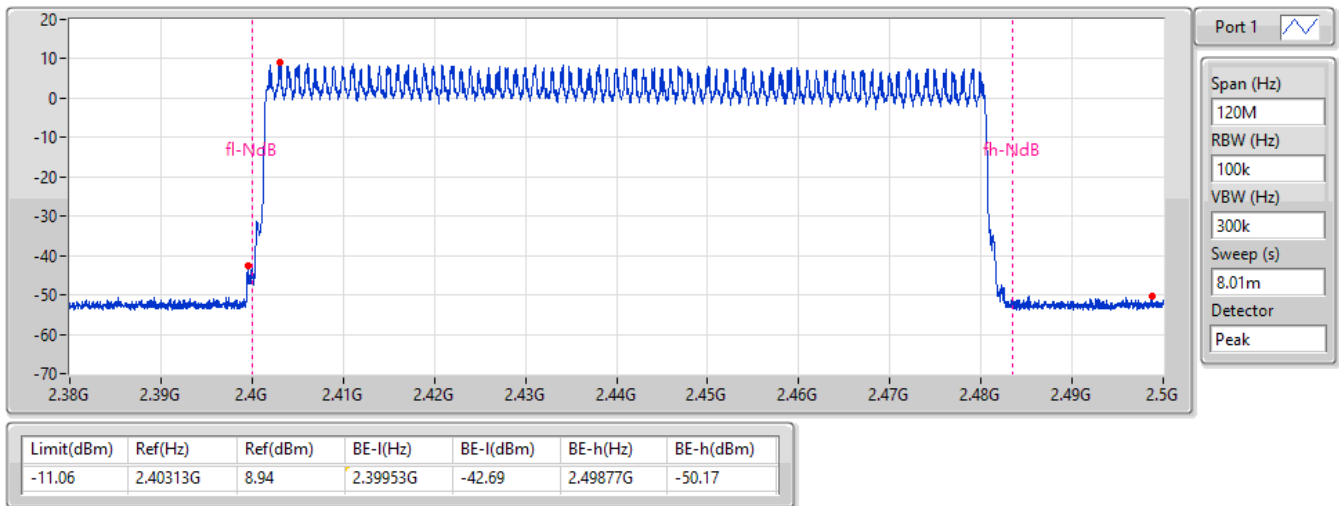
2402MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

2402MHz

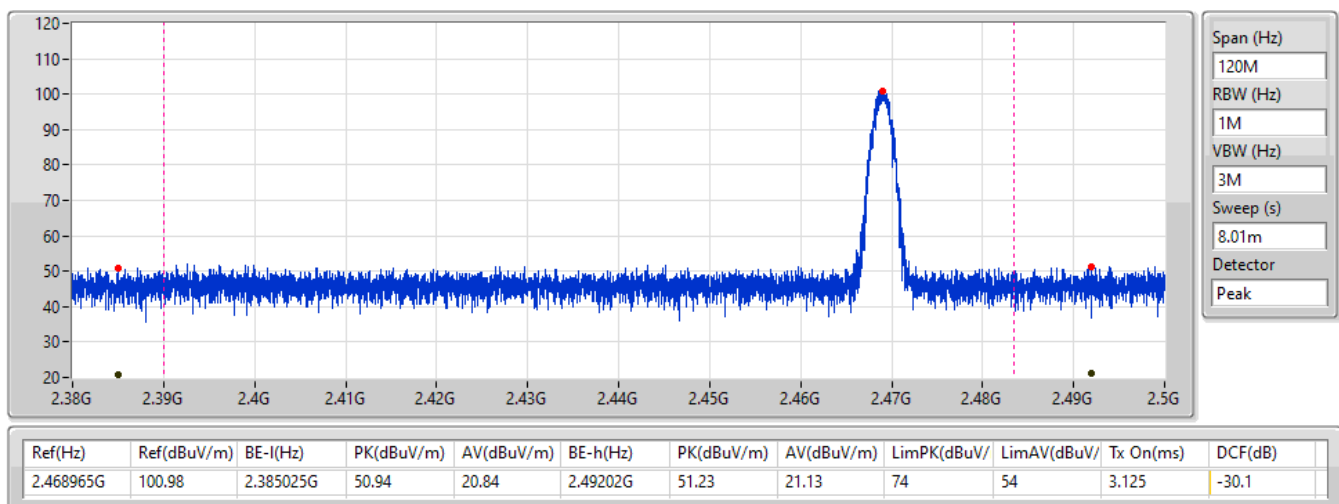
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-EDR(2Mbps)

2402MHz

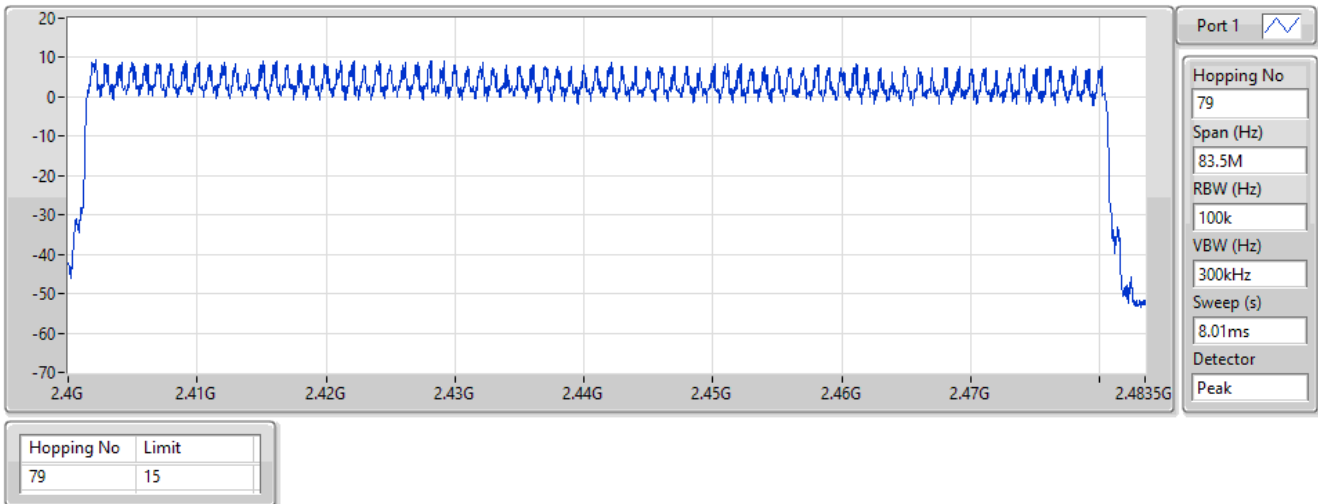
Hopping Ch Bandedge (Restricted Band)



2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

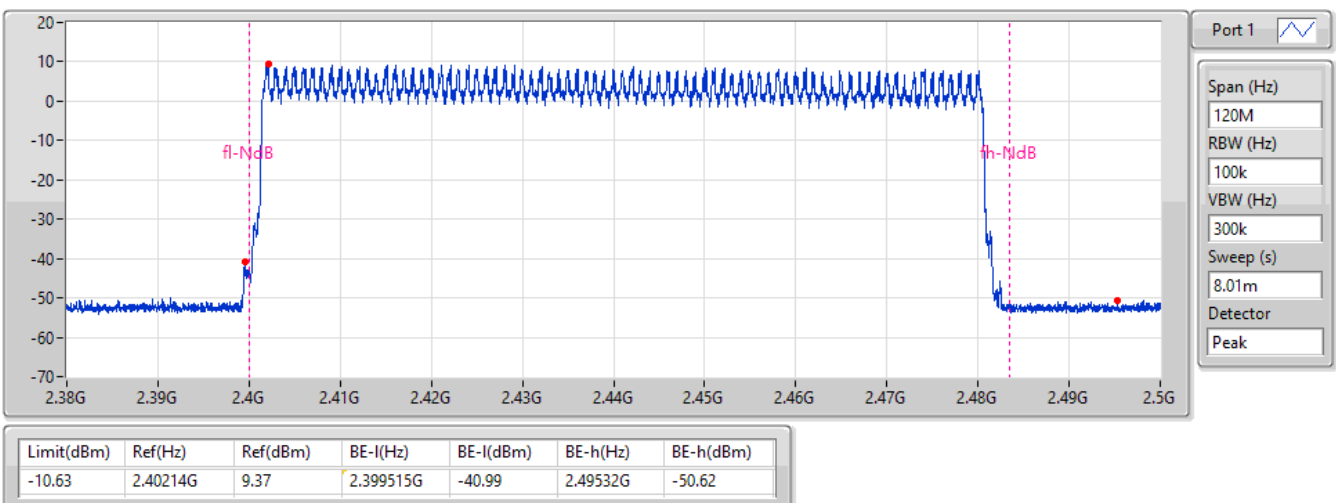
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz

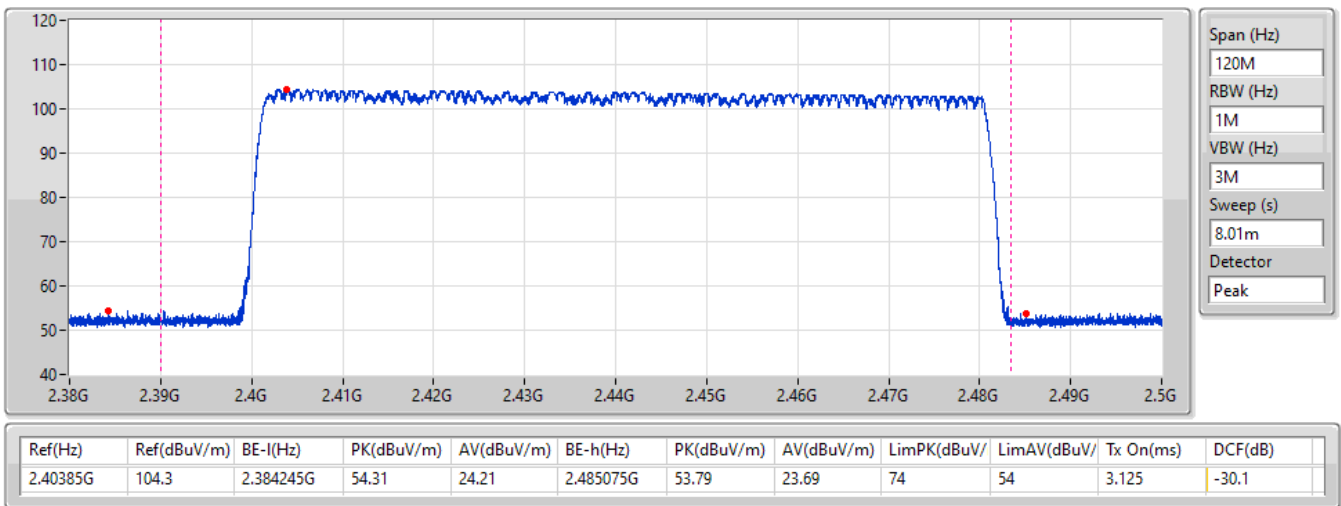
Hopping Ch Bandedge (Non-restricted Band)



2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz

Hopping Ch Bandedge (Restricted Band)



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	918.5k	847.076k	847KF1D	918.5k	844.578k
BT-EDR(2Mbps)	1.279M	1.142M	1M14G1D	1.227M	1.138M
BT-EDR(3Mbps)	1.235M	1.137M	1M14G1D	1.221M	1.136M

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-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	918.5k	847.076k
2441MHz	Pass	Inf	918.5k	844.578k
2480MHz	Pass	Inf	918.5k	844.578k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.229M	1.138M
2441MHz	Pass	Inf	1.279M	1.142M
2480MHz	Pass	Inf	1.227M	1.138M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.235M	1.137M
2441MHz	Pass	Inf	1.224M	1.137M
2480MHz	Pass	Inf	1.221M	1.136M

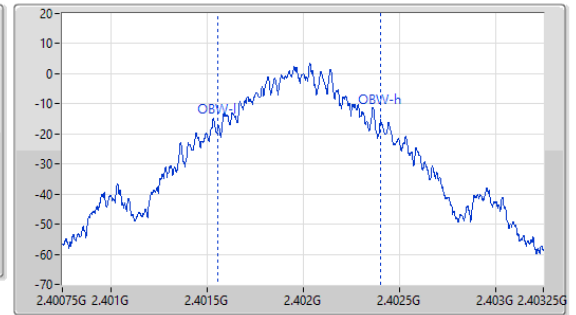
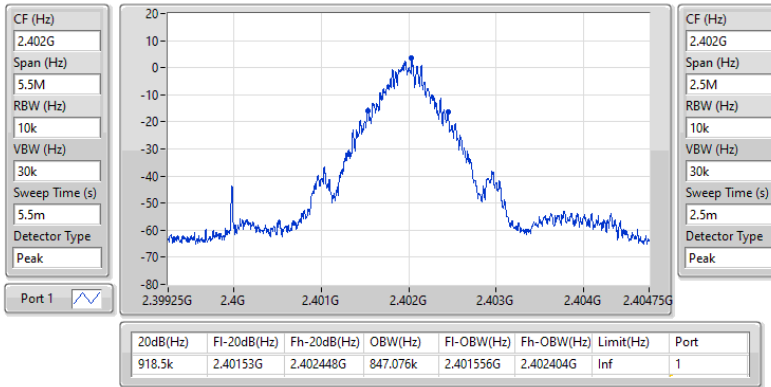
Port X-N dB = Port X 20dB down bandwidth;

Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

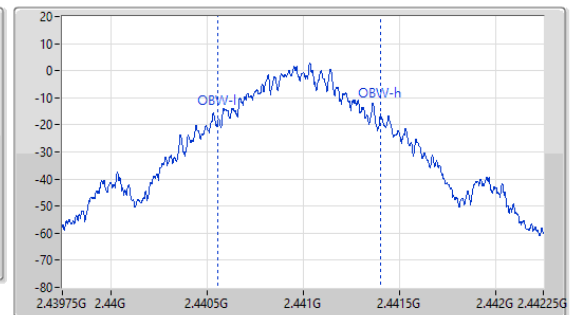
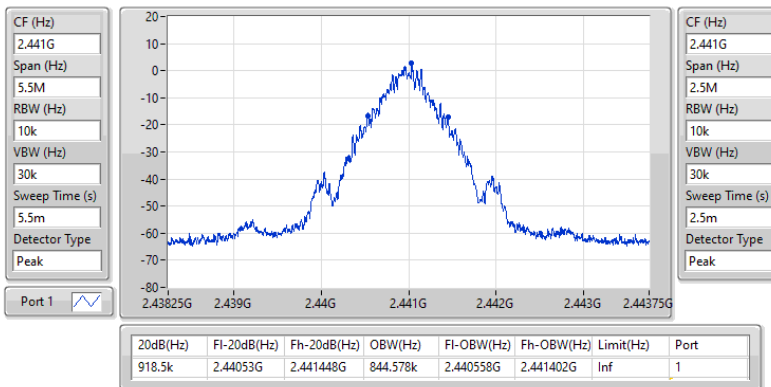
2402MHz



2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

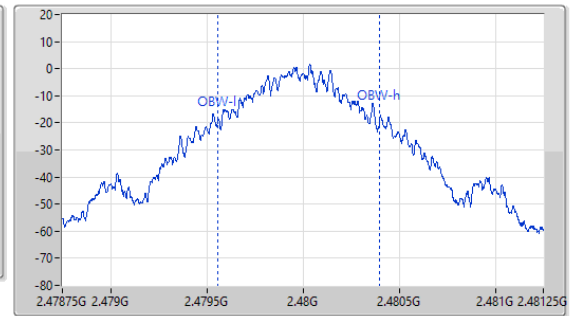
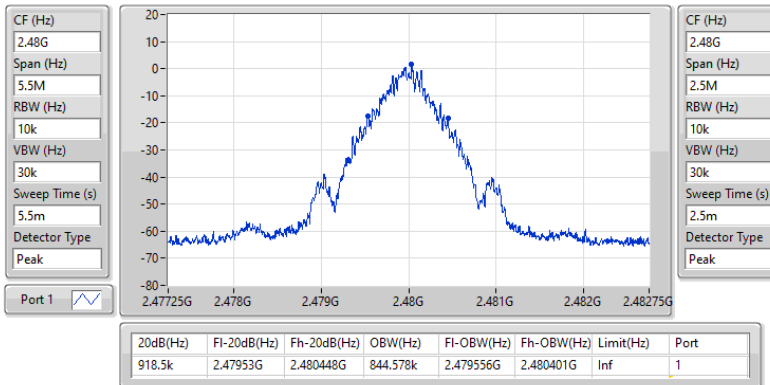
2441MHz



2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

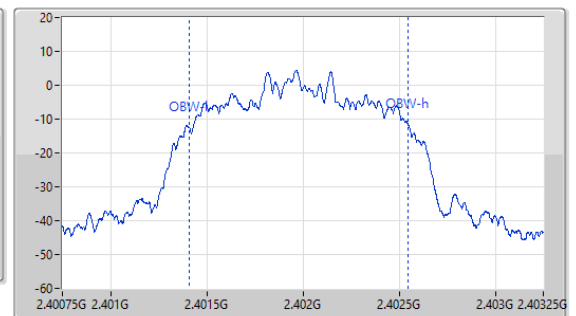
2480MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

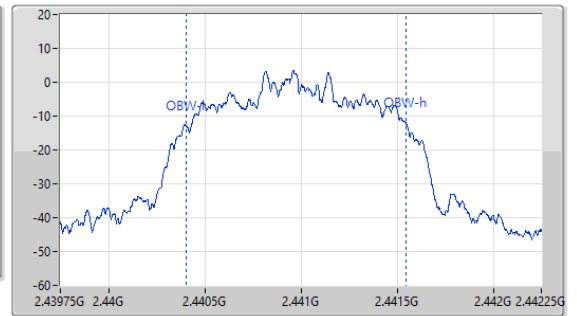
2402MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

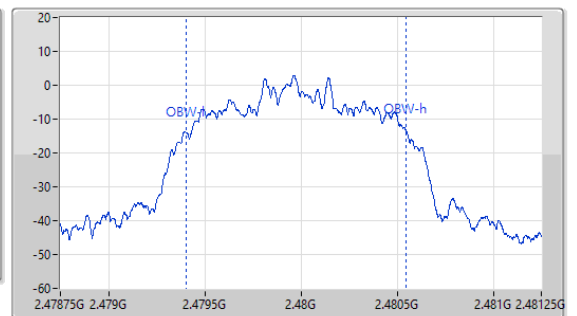
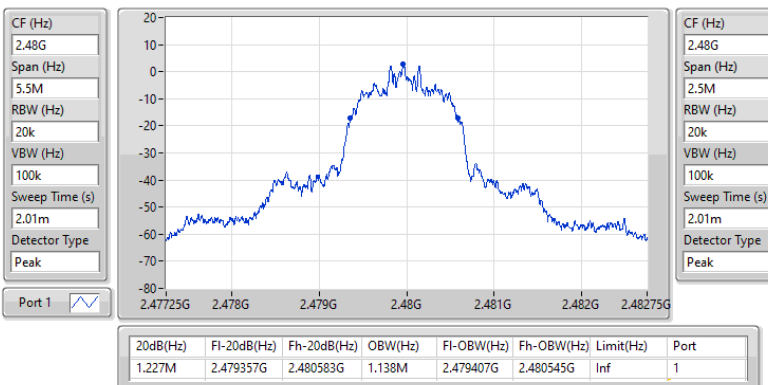
2441MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

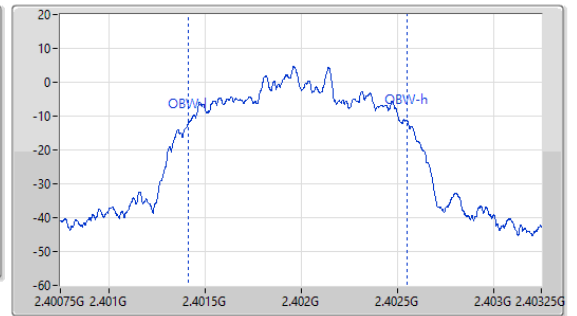
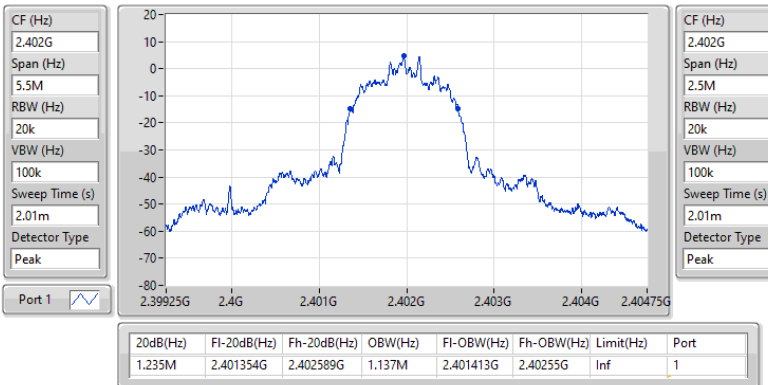
2480MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

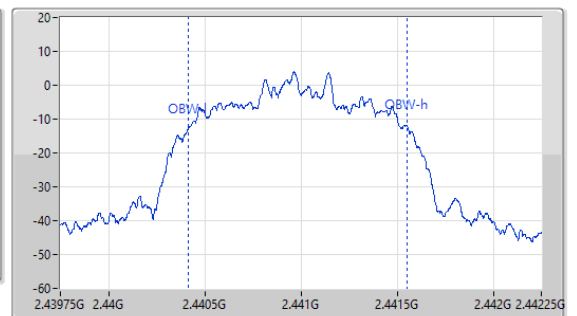
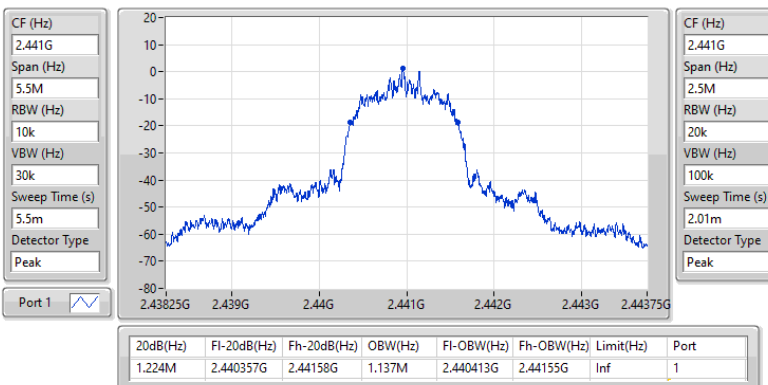
2402MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

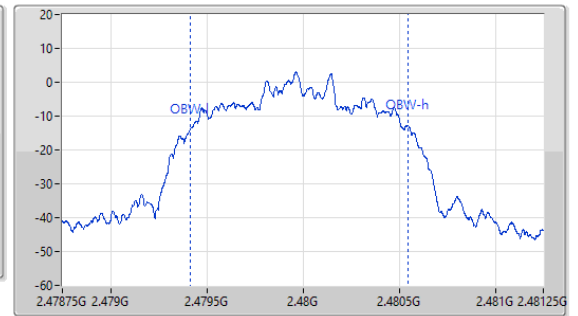
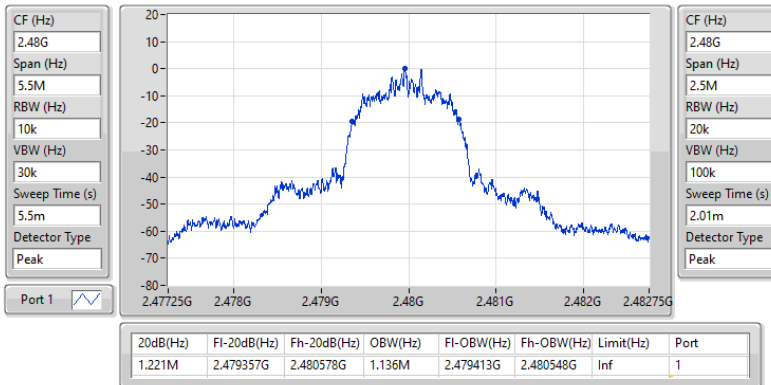
2441MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2480MHz



Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.002M	1.002M
BT-EDR(2Mbps)	1.0035M	1.0005M
BT-EDR(3Mbps)	1.0035M	1.0005M

Result

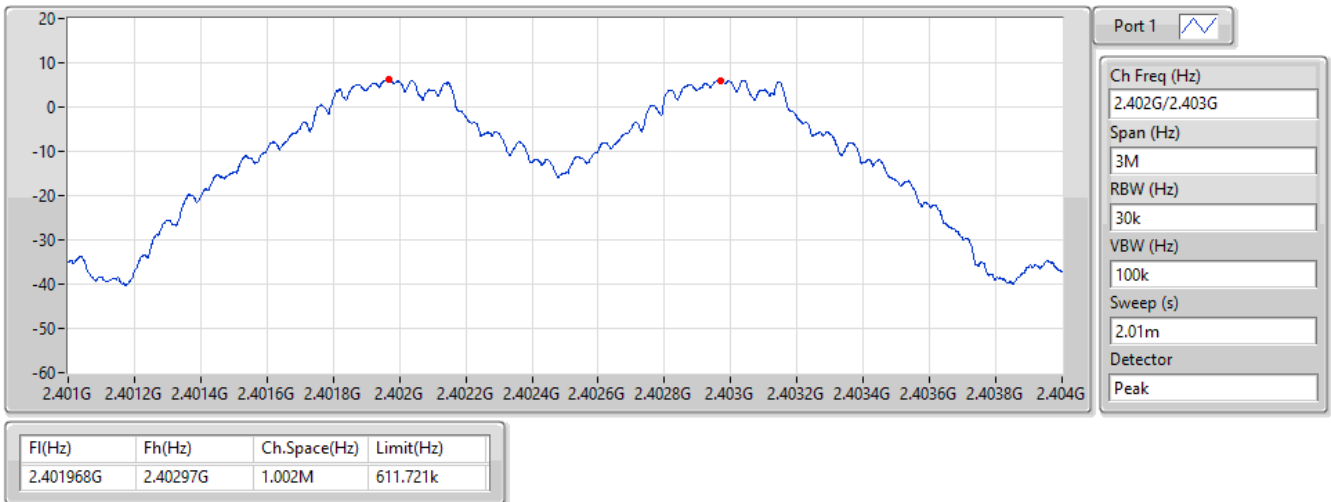
Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.401968G	2.40297G	1.002M	611.721k
2441MHz	Pass	2.440969G	2.441971G	1.002M	611.721k
2480MHz	Pass	2.478968G	2.47997G	1.002M	611.721k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.401968G	2.40297G	1.002M	818.514k
2441MHz	Pass	2.440971G	2.441971G	1.0005M	851.814k
2480MHz	Pass	2.478968G	2.479971G	1.0035M	817.182k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.401969G	2.40297G	1.0005M	822.51k
2441MHz	Pass	2.440969G	2.441971G	1.002M	815.184k
2480MHz	Pass	2.478966G	2.47997G	1.0035M	813.186k



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

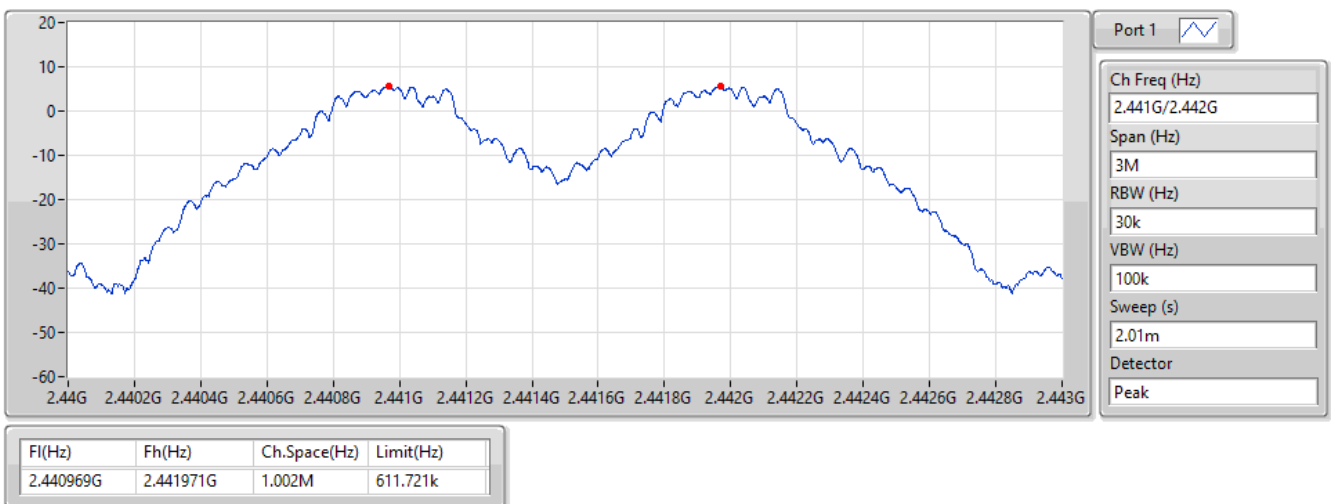
2.402G/2.403GHz



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.441G/2.442GHz



2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

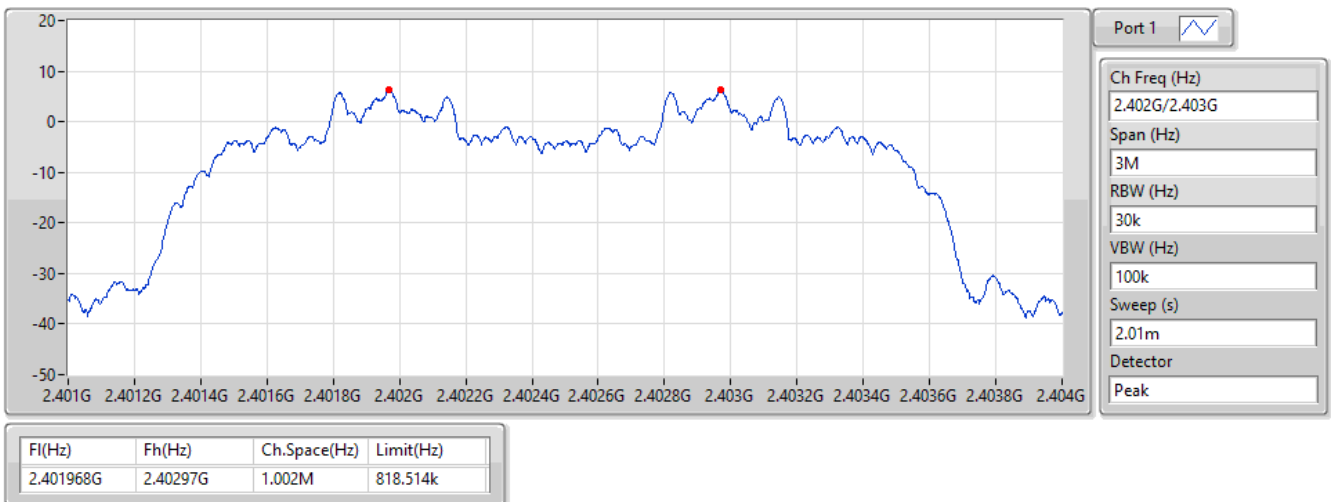
2.48G/2.479GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.402G/2.403GHz





2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

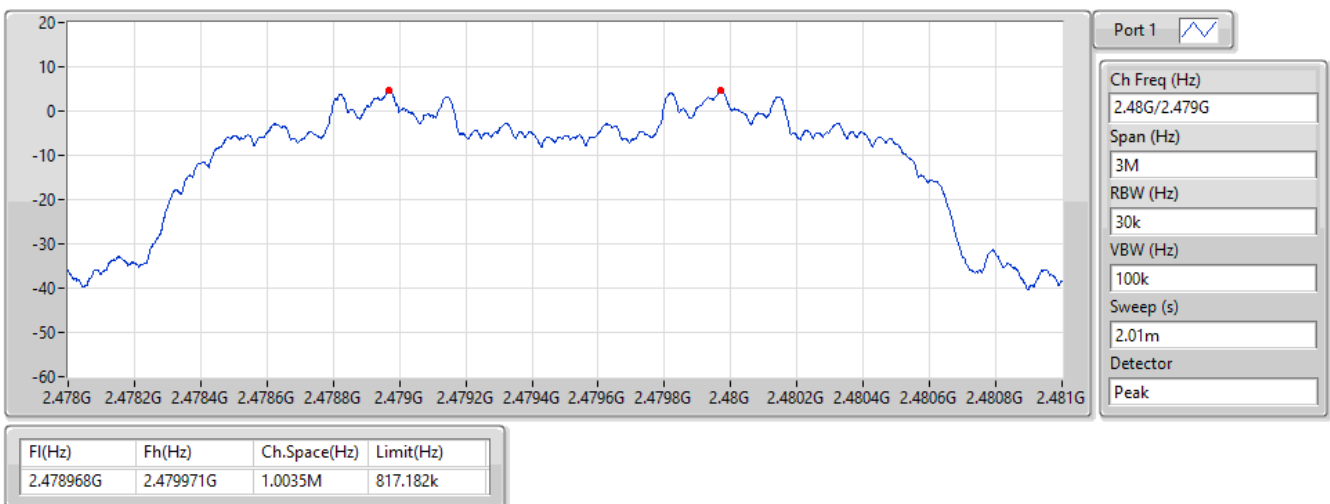
2.441G/2.442GHz



2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

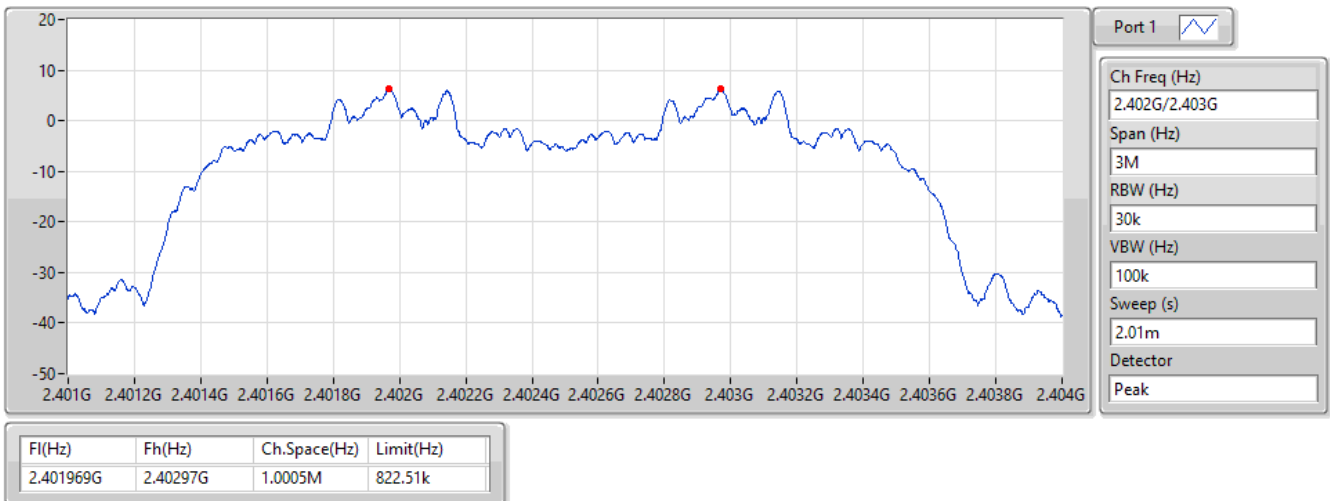
2.48G/2.479GHz



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.402G/2.403GHz



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.441G/2.442GHz





2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.48G/2.479GHz



**Summary**

2.4-2.4835GHz	-
BT-BR-AFH(1Mbps)	288.625m_DH5-AFH
BT-BR-Non AFH(1Mbps)	328.482m_DH5
BT-EDR-AFH(2Mbps)	312.579m_DH5-AFH
BT-EDR-Non AFH(2Mbps)	328.85172m_DH5
BT-EDR-AFH(3Mbps)	312.795m_DH5-AFH
BT-EDR-Non AFH(3Mbps)	311.0388m_DH5

Result/ Non AFH mode

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (ms)	Number of transmission in a 5 s
BT-BR-Non AFH(1Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	31.6	0.32848	0.4	2.88750	18
BT-EDR-Non AFH(2Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	31.6	0.32885	0.4	2.89075	18
BT-EDR-Non AFH(3Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	31.6	0.31104	0.4	2.89500	17

Note 1: Dwell time =Number of transmission in a 5 second x Tx On Time x 6.32

Note 2: DH5 was the worst mode.

Result/ AFH mode

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (ms)	Number of transmission in a 2 s
BT-BR-AFH(1Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.28863	0.4	2.88625	25
BT-EDR-AFH(2Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.31258	0.4	2.89425	27
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.31280	0.4	2.89625	27

Note 1: Dwell time =Number of transmission in a 2 second x Tx On Time x 4

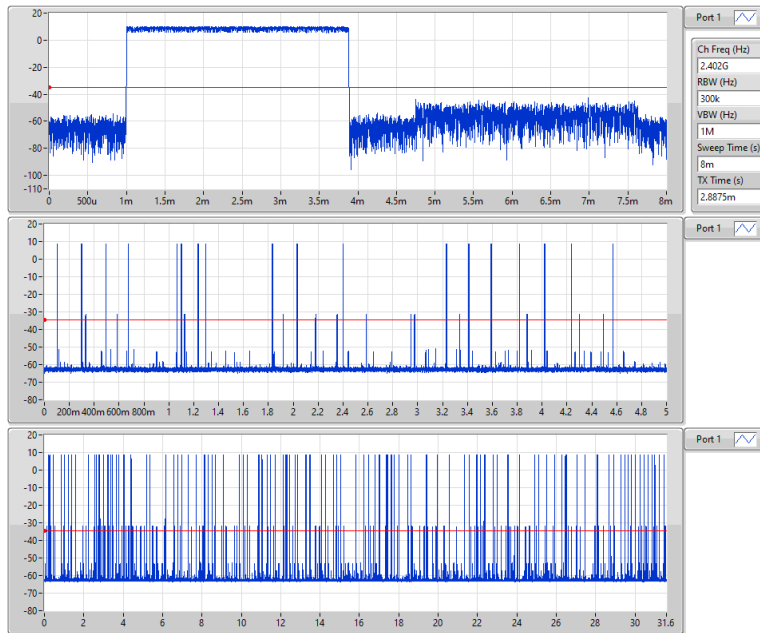
Note 2: DH5 was the worst mode.



2.4-2.4835GHz_BT-BR-Non AFH(1Mbps)

Dwell-FS

2402MHz



2.4-2.4835GHz_BT-EDR-Non AFH(2Mbps)

Dwell-FS

2402MHz



2.4-2.4835GHz_BT-EDR-Non AFH(3Mbps)

Dwell-FS

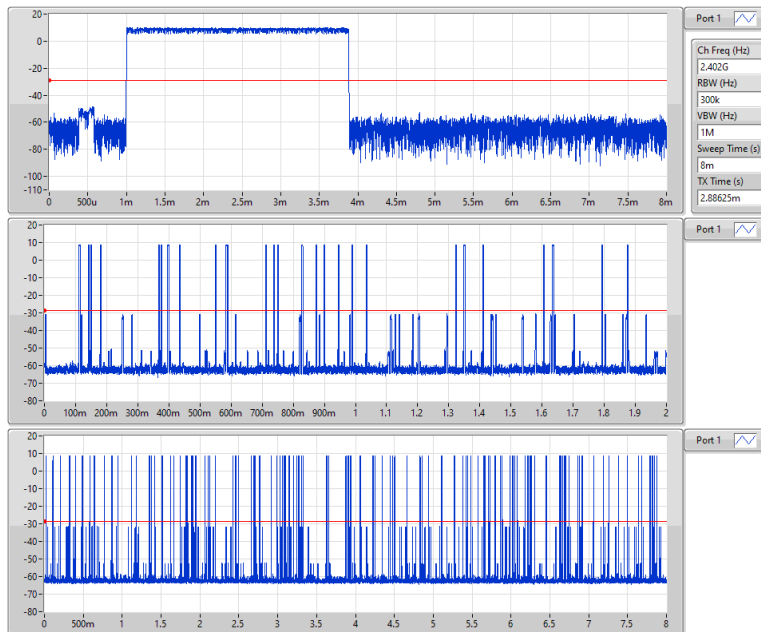
2402MHz



2.4-2.4835GHz_BT-BR-AFH(1Mbps)

Dwell-FS

2402MHz



2.4-2.4835GHz_BT-EDR-AFH(2Mbps)

Dwell-FS

2402MHz



2.4-2.4835GHz_BT-EDR-AFH(3Mbps)

Dwell-FS

2402MHz

