FCC Test Report

FCC ID	:	**IPH-B04825**
Equipment	:	**Marine Stereo**
Model No.	:	**B04825**
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	:	**Jan. 23, 2026**
Tested Date	:	**Mar. 18 ~ Mar. 23, 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: **Approved by:**

Along Chen / Manager **Gary Chang / Manager**

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Release Record

Report No.	Version	Description	Issued Date
FR612304AD	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]: 62.98MHz 32.06 (Margin -7.94dB) - PK	Pass
15.247(d)	Band Edge	Meet the requirement of limit	Pass
15.247(b)(1)	Conducted Output Power	Power [dBm]: 10.17	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 π/4-DQPSK and 8DPSK.				

1.1.2 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Gain (dBi)
1	GARMIN	105-05165-01	Dipole	NA	3.53

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	IOP tester + CMW270, V 1.0.2	
Modulation Mode	**Duty Cycle Of Test Signal (%)**	**Duty Factor (dB)**
DH5	77.67%	1.10
2DH5	77.80%	1.09
3DH5	77.80%	1.09

1.1.7 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)		
	2402	**2441**	**2480**
GFSK/1Mbps	default	default	default
π/4-DQPSK /2Mbps	default	default	default
8DPSK/3Mbps	default	default	default

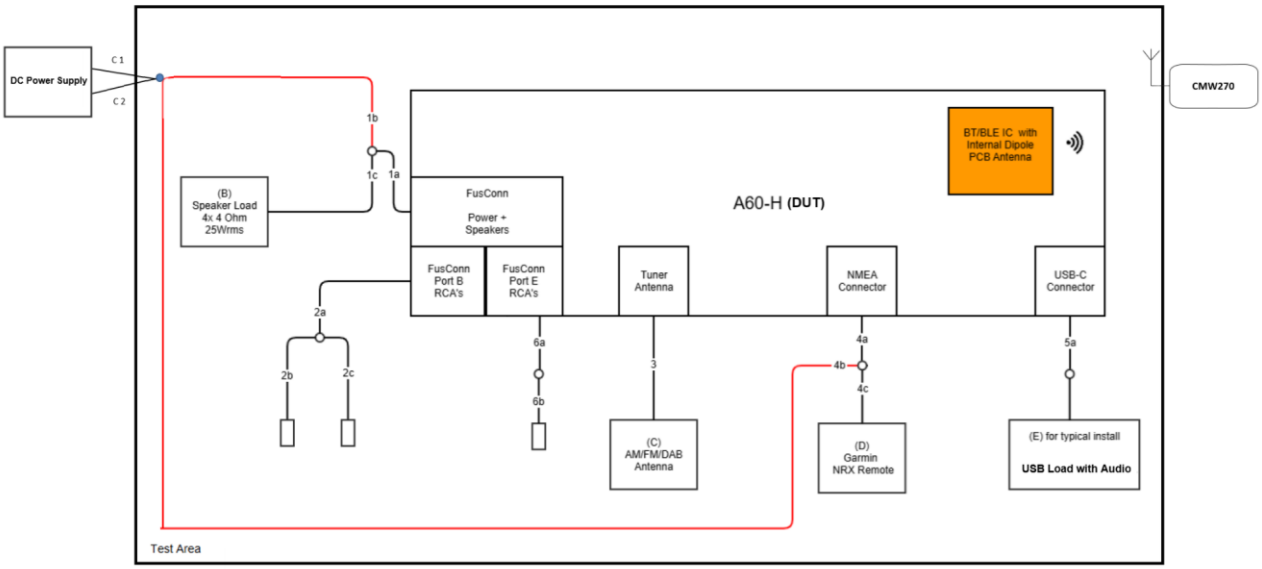
1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	DC Cable	ICC	DC-10m	---	---
2	DC Cable	ICC	DC-10m	---	---
---	DC Power Supply	GWINSTEK	GPE-6030	---	---
1c	Speaker cable	JL AUDIO	CA_SPK_5M	---	Provided by applicant.
2b+2c	Audio cable with load	JL AUDIO	CA_AUD_1.85M	---	Provided by applicant.
6b	Audio cable with load	JL AUDIO	CA_AUD_1.85M	---	Provided by applicant.
3	antenna extension cable	Yon Tay	AR3253	---	Provided by applicant.
4a	NMEA cable	Garmin	330-00563-20	---	Provided by applicant.
4b	NMEA powe 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.
B	Speaker load	FUSION	LD_4R100W-4C	---	Provided by applicant.
C	AM/FM antenna	Duratech	AR3260	---	Provided by applicant.
E	USB-C Load with audio source	JL AUDIO	LD_USBC_12W5_AUD	---	Provided by applicant.
---	NMEA 2000 GATEWAY	Actisense	NGX-1-USB	---	---
---	Laptop	DELL	Latitude 3440	DoC	---

Note: The support NMEA 2000 GATEWAY and laptop were disconnected from EUT and removed from test table when EUT was set to transmit continuously

1.3 Test Setup Chart

Test Setup Diagram



No.	Signal cable / Length (m)
1a	Power + Speaker, 0.25m non-shielded.
1b	Power, 5m non-shielded.
1c	Speaker x4, 5m non-shielded.
2a	Audio, 0.3m shielded.
2b, 2c	Audio, 1.85m shielded with loads.
3	RF, 4.2m shielded.
4a	NMEA, 6m shielded.
4b	NMEA Power, 2m shielded + DC cable 5m non-shielded.
4c	NMEA, 1m shielded.
5a	USB, 2m shielded.
6a	Audio, 0.2m shielded.
6b	Audio, 1.85m shielded with loads.
C1	DC cable, 10m non-shielded.
C2	DC cable, 10m non-shielded.

1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Mar. 18, 2026				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101659	Apr. 17, 2025	Apr. 16, 2026
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-NW-11000	200801	Oct. 01, 2025	Sep. 30, 2026
LF cable 1M	EMC	EMCCFD400-NM-NM-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. 23, 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
DC POWER SOURCE	GW INSTEK	GPE-6030	GEZ824073	Oct. 27, 2025	Oct. 26, 2026
Measurement Software	Sporton	SENSE-15247_FS	V5.11	NA	NA
Wireless connectivity tester	R&S	CMW270	100856	Jan. 06, 2026	Jan. 05, 2027
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
Unwanted Emission ≤ 1GHz	±3.41 dB
Unwanted Emission > 1GH	±4.90 dB
Time	±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
- ISED#: 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
Conducted Emissions 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:

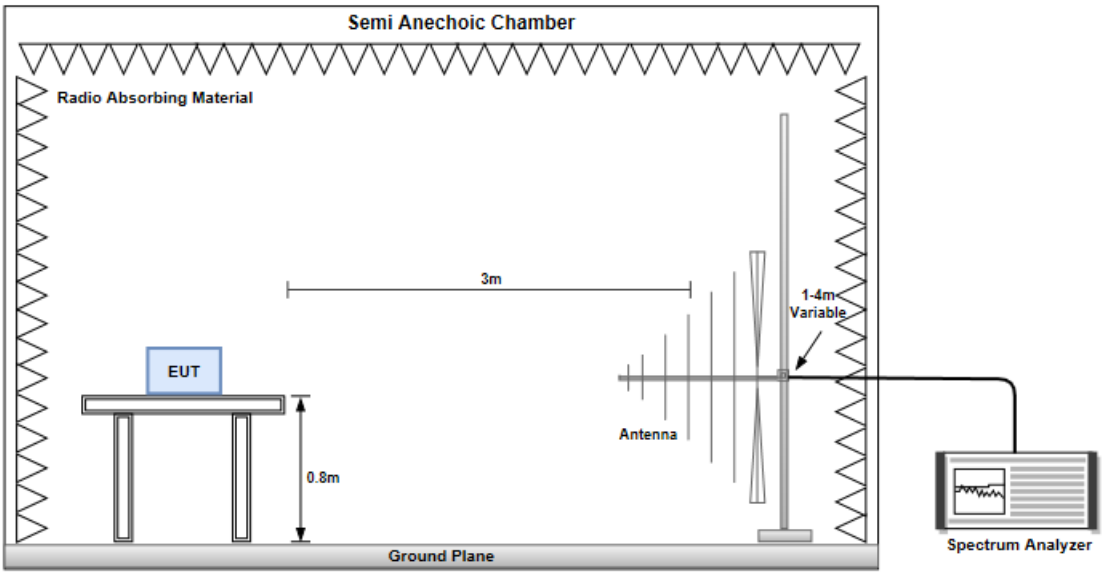
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. Radiated emission above 1GHz / Peak value
   RBW=1MHz, VBW=3MHz and Peak detector
3. Radiated emission above 1GHz / Average value for harmonics
   The average value is: Average = Peak value + 20log(Duty cycle) Where the duty factor is calculated from following formula for DH5 packet type which has worst duty factor:

$$20\log(\text{Duty cycle}) = 20\log\frac{1s / 1600 * 5}{100\ ms} = -30.1dB$$

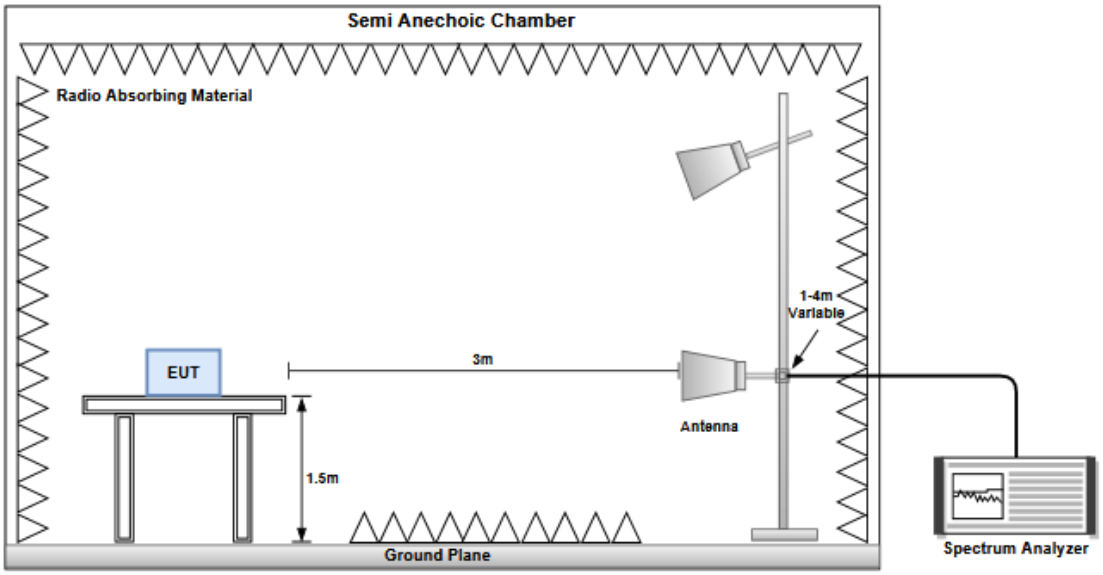
4. Radiated emission above 1GHz / Average value for other emissions
   RBW=1MHz, VBW=1/T and Peak detector

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

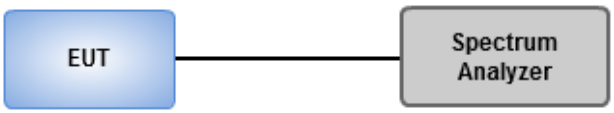
Reference level measurement

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	22°C / 58%	**Tested By**	Roger Lu

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 senor 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	22°C / 58%	**Tested By**	Roger Lu

Refer to Appendix C.

3.4 Number of Hopping Frequency

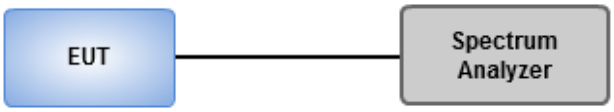
3.4.1 Limit of Number of Hopping Frequency

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	22°C / 58%	**Tested By**	Roger Lu

Refer to Appendix D.

3.5 20dB and Occupied Bandwidth

3.5.1 Test Procedures

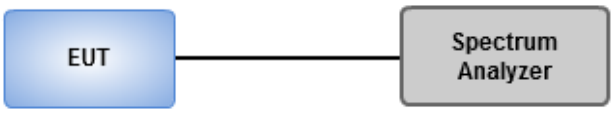
20dB Bandwidth

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	22°C / 58%	**Tested By**	Roger Lu

Refer to Appendix E.

3.6 Channel Separation

3.6.1 Limit of Channel Separation

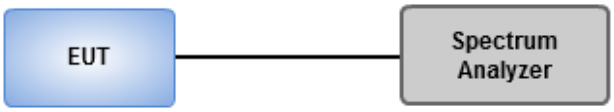
☐ Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

☒ 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	22°C / 58%	**Tested By**	Roger Lu

Refer to Appendix F.

3.7 Number of Dwell Time

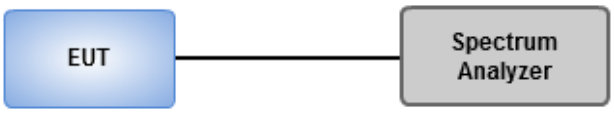
3.7.1 Limit of Dwell time

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	22°C / 58%	**Tested By**	Roger Lu

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

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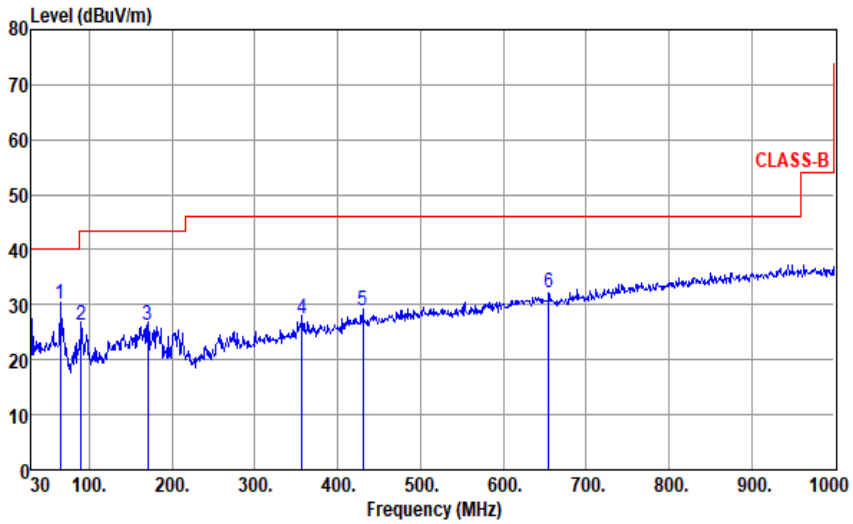
Unwanted Emissions (Below 1GHz)

Modulation	GFSK	**Test Freq. (MHz)**	2402
Polarization	Horizontal		

Test By :Hugo Zhen Temperature(℃):25 Humidity(%):66

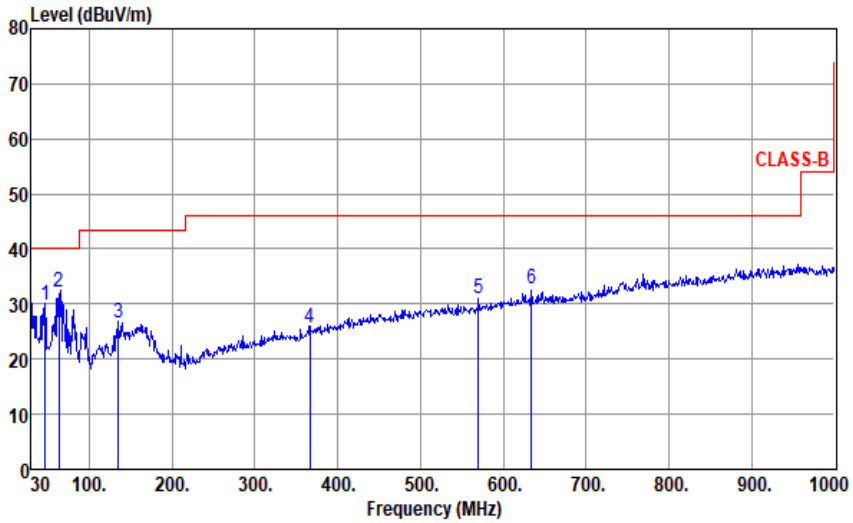


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	64.92	30.00	40.00	-10.00	39.91	-9.91	Peak	---	---
2	90.14	26.14	43.50	-17.36	40.76	-14.62	Peak	---	---
3	170.65	26.18	43.50	-17.32	35.42	-9.24	Peak	---	---
4	356.89	27.51	46.00	-18.49	34.13	-6.62	Peak	---	---
5	430.61	28.85	46.00	-17.15	33.27	-4.42	Peak	---	---
6	654.68	32.31	46.00	-13.69	31.63	0.68	Peak	---	---

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

Modulation	GFSK	**Test Freq. (MHz)**	2402
Polarization	Vertical		

Test By :Hugo Zhen Temperature(℃):25 Humidity(%):66



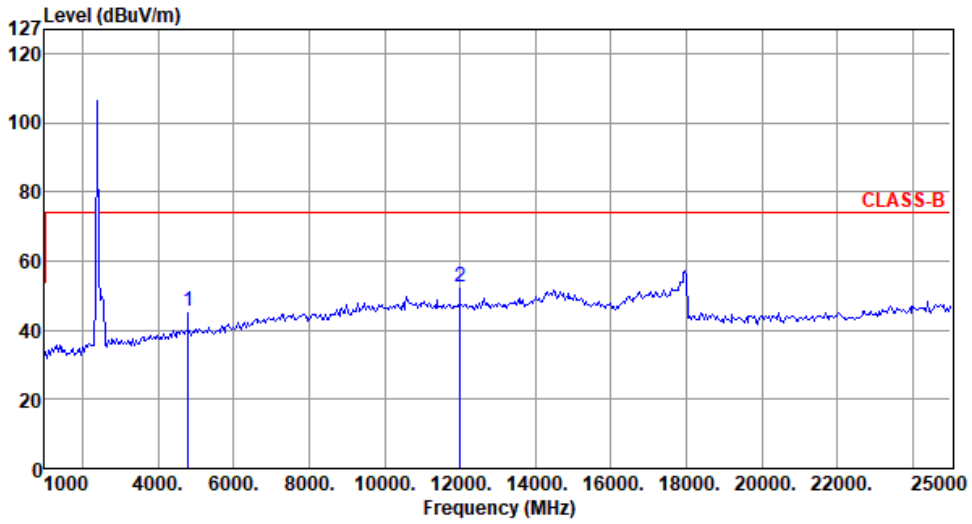
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	46.49	29.93	40.00	-10.07	38.31	-8.38	Peak	---	---
2	62.98	32.06	40.00	-7.94	41.69	-9.63	Peak	---	---
3	134.76	26.54	43.50	-16.96	36.19	-9.65	Peak	---	---
4	366.59	25.76	46.00	-20.24	31.94	-6.18	Peak	---	---
5	570.29	30.98	46.00	-15.02	32.16	-1.18	Peak	---	---
6	634.31	32.66	46.00	-13.34	32.17	0.49	Peak	---	---

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

Unwanted Emissions (Above 1GHz)

Modulation	GFSK	**Test Freq. (MHz)**	2402
Polarization	Horizontal-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

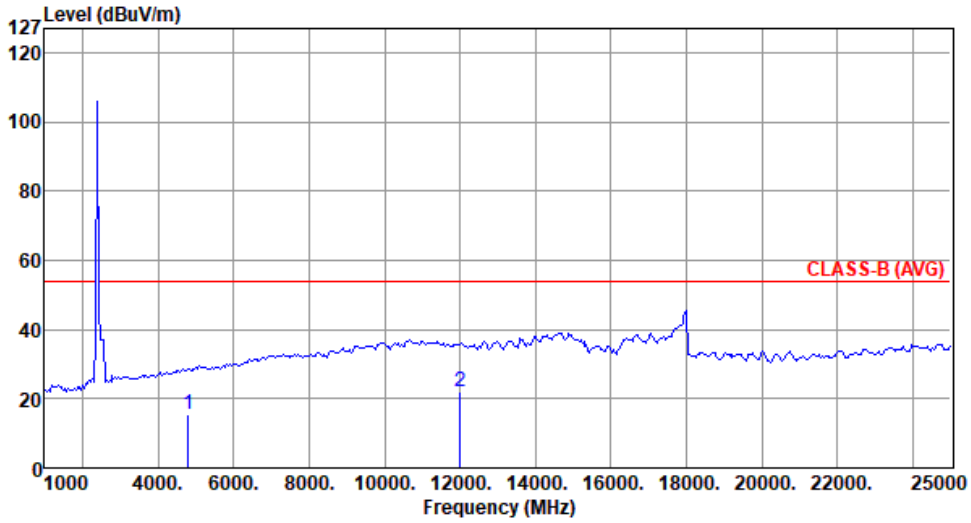


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4804.00	45.57	74.00	-28.43	44.55	1.02	Peak	294	303
2	12010.00	52.34	74.00	-21.66	43.72	8.62	Peak	236	191

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	GFSK	**Test Freq. (MHz)**	2402
Polarization	Horizontal-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

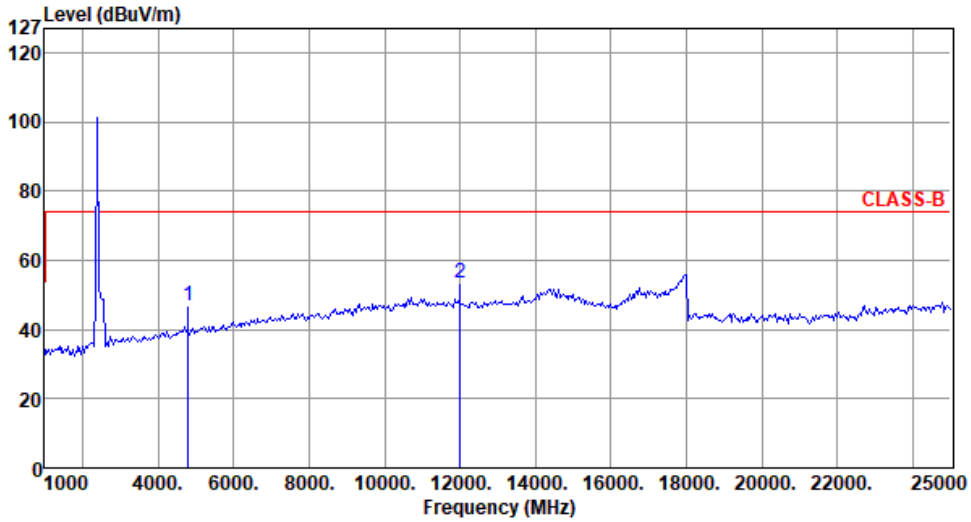


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4804.00	15.47	54.00	-38.53	14.45	1.02	Average	294	303
2	12010.00	22.24	54.00	-31.76	13.62	8.62	Average	236	191

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	GFSK	**Test Freq. (MHz)**	2402
Polarization	Vertical-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

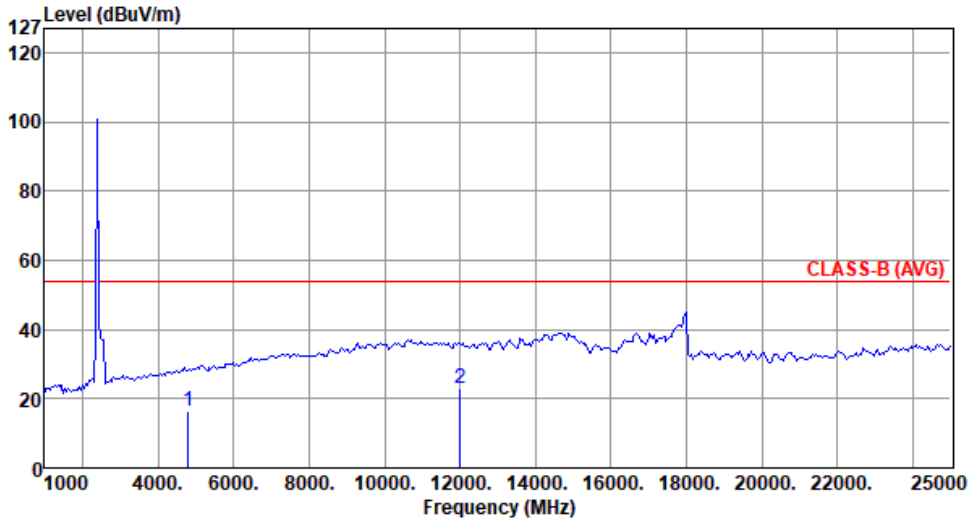


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4804.00	46.65	74.00	-27.35	45.63	1.02	Peak	125	328
2	12010.00	53.28	74.00	-20.72	44.66	8.62	Peak	312	271

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	GFSK	**Test Freq. (MHz)**	2402
Polarization	Vertical-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

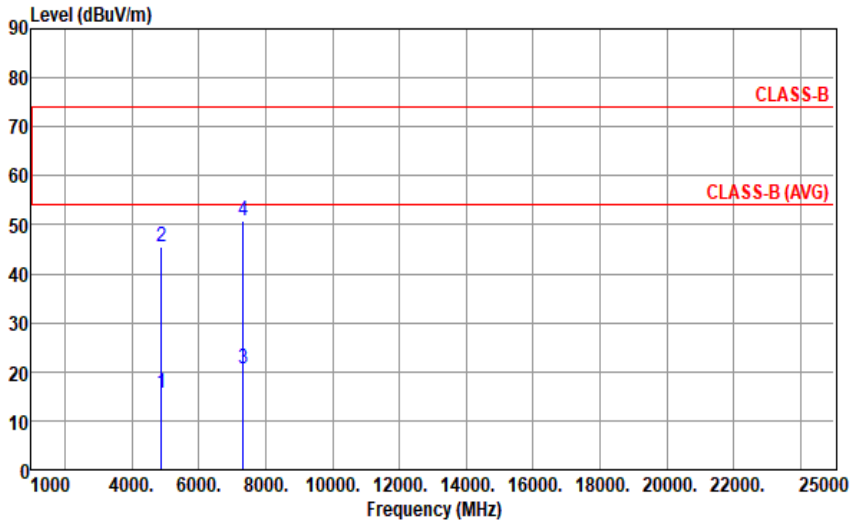


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4804.00	16.55	54.00	-37.45	15.53	1.02	Average	125	328
2	12010.00	23.18	54.00	-30.82	14.56	8.62	Average	312	271

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	GFSK	**Test Freq. (MHz)**	2441
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

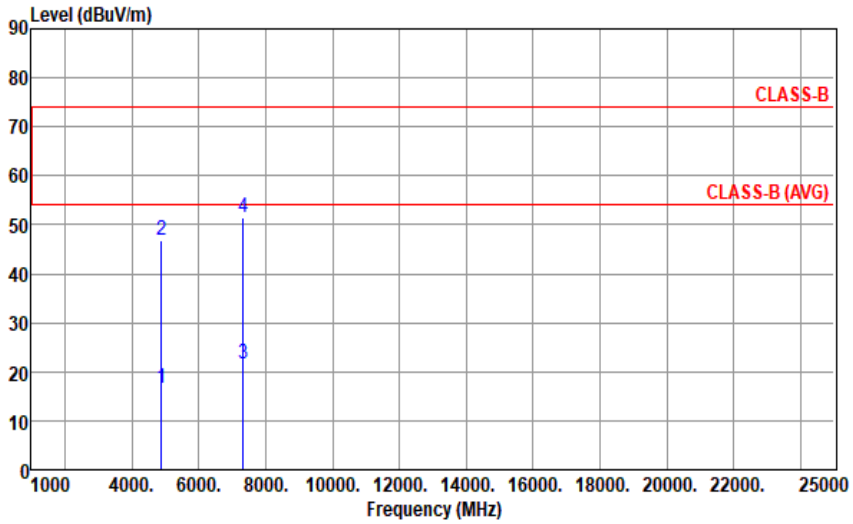


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4882.00	15.54	54.00	-38.46	14.50	1.04	Average	296	308
2	4882.00	45.64	74.00	-28.36	44.60	1.04	Peak	296	308
3	7323.00	20.61	54.00	-33.39	13.78	6.83	Average	231	189
4	7323.00	50.71	74.00	-23.29	43.88	6.83	Peak	231	189

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	GFSK	**Test Freq. (MHz)**	2441
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

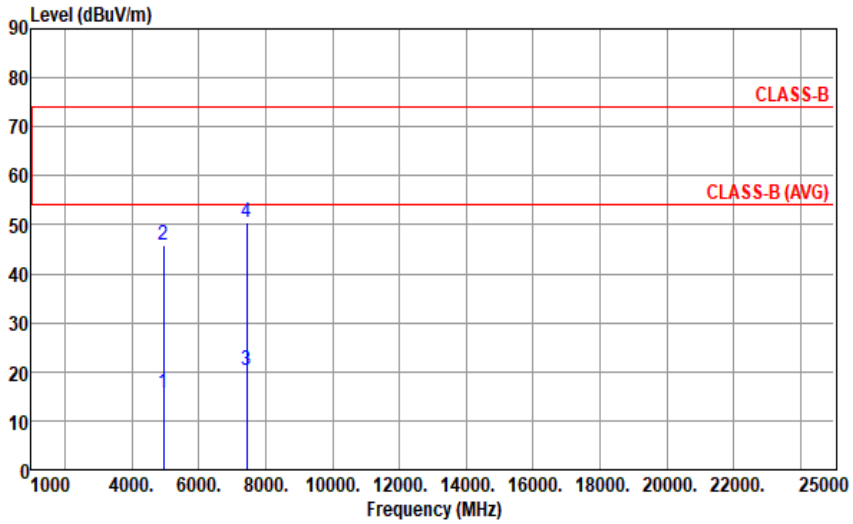


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4882.00	16.74	54.00	-37.26	15.70	1.04	Average	123	331
2	4882.00	46.84	74.00	-27.16	45.80	1.04	Peak	123	331
3	7323.00	21.52	54.00	-32.48	14.69	6.83	Average	317	275
4	7323.00	51.62	74.00	-22.38	44.79	6.83	Peak	317	275

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	GFSK	**Test Freq. (MHz)**	2480
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

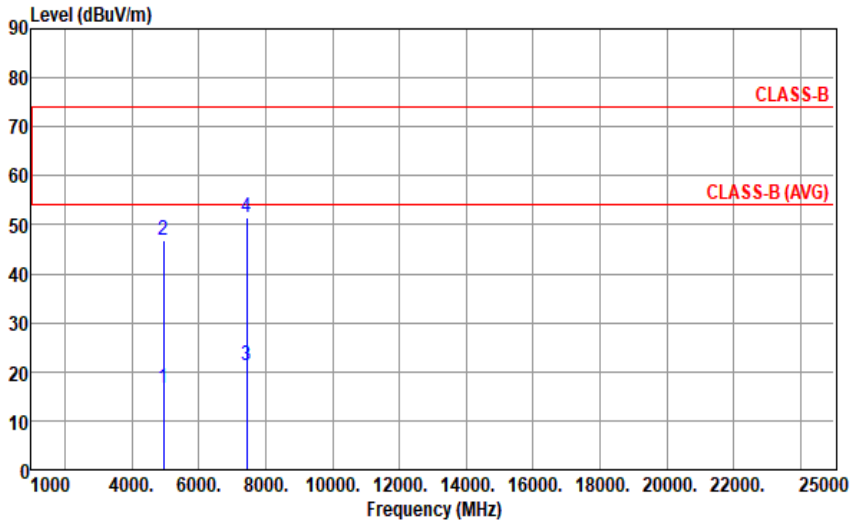


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4960.00	15.57	54.00	-38.43	14.38	1.19	Average	301	309
2	4960.00	45.67	74.00	-28.33	44.48	1.19	Peak	301	309
3	7440.00	20.39	54.00	-33.61	13.72	6.67	Average	236	192
4	7440.00	50.49	74.00	-23.51	43.82	6.67	Peak	236	192

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	GFSK	**Test Freq. (MHz)**	2480
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

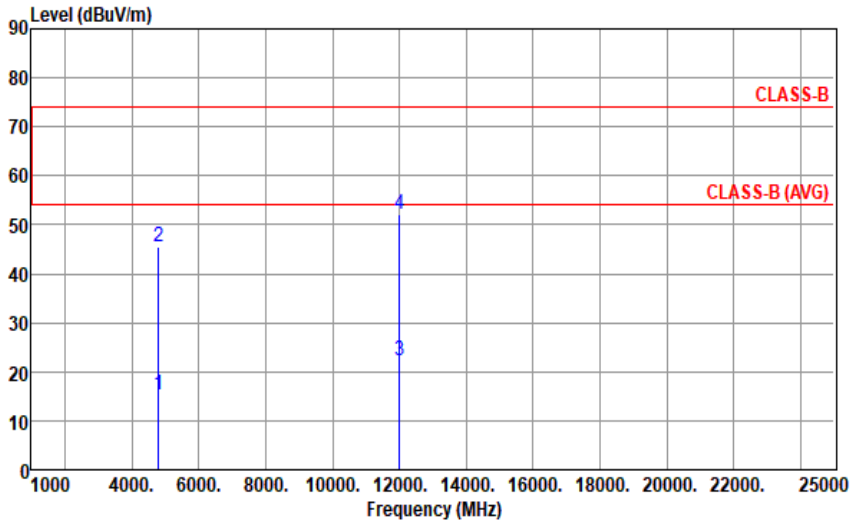


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4960.00	16.72	54.00	-37.28	15.53	1.19	Average	128	335
2	4960.00	46.82	74.00	-27.18	45.63	1.19	Peak	128	335
3	7440.00	21.29	54.00	-32.71	14.62	6.67	Average	311	271
4	7440.00	51.39	74.00	-22.61	44.72	6.67	Peak	311	271

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	8DPSK	**Test Freq. (MHz)**	2402
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

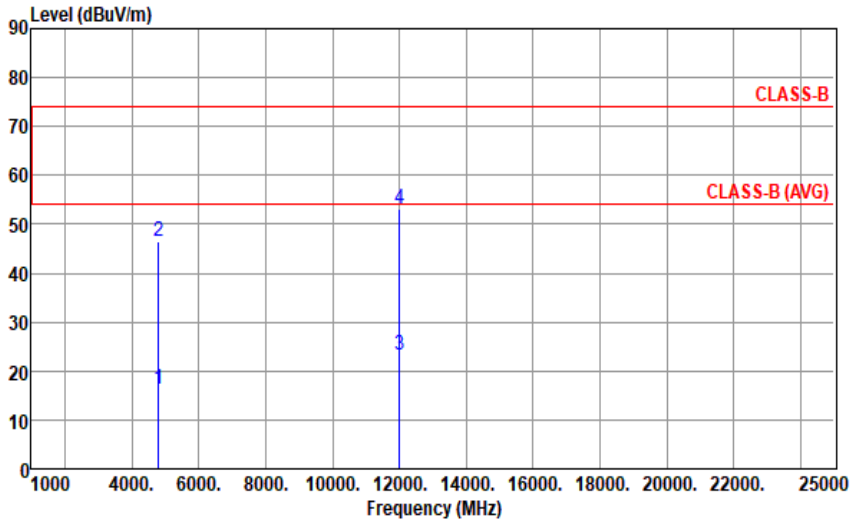


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4804.00	15.40	54.00	-38.60	14.38	1.02	Average	291	302
2	4804.00	45.50	74.00	-28.50	44.48	1.02	Peak	291	302
3	12010.00	22.14	54.00	-31.86	13.52	8.62	Average	238	196
4	12010.00	52.24	74.00	-21.76	43.62	8.62	Peak	238	196

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	8DPSK	**Test Freq. (MHz)**	2402
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

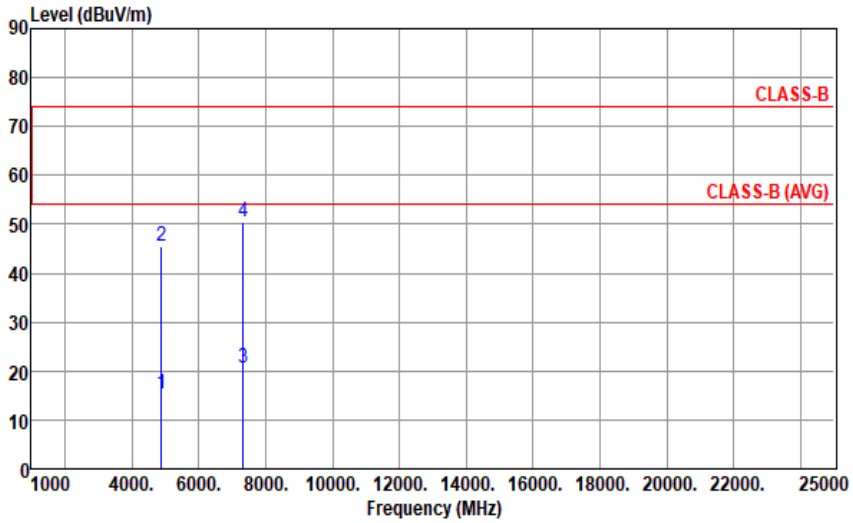


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4804.00	16.43	54.00	-37.57	15.41	1.02	Average	121	326
2	4804.00	46.53	74.00	-27.47	45.51	1.02	Peak	121	326
3	12010.00	23.13	54.00	-30.87	14.51	8.62	Average	311	272
4	12010.00	53.23	74.00	-20.77	44.61	8.62	Peak	311	272

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	8DPSK	**Test Freq. (MHz)**	2441
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

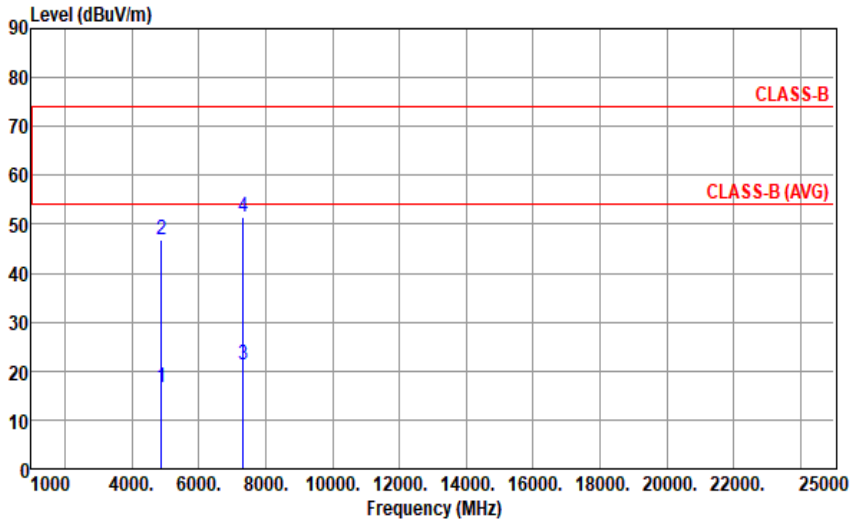


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4882.00	15.42	54.00	-38.58	14.38	1.04	Average	288	303
2	4882.00	45.52	74.00	-28.48	44.48	1.04	Peak	288	303
3	7323.00	20.48	54.00	-33.52	13.65	6.83	Average	233	184
4	7323.00	50.58	74.00	-23.42	43.75	6.83	Peak	233	184

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	8DPSK	**Test Freq. (MHz)**	2441
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

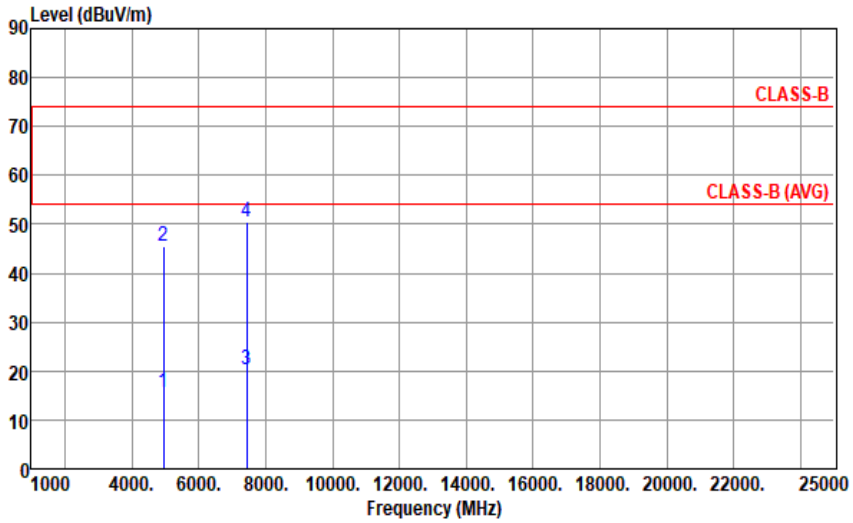


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4882.00	16.67	54.00	-37.33	15.63	1.04	Average	128	327
2	4882.00	46.77	74.00	-27.23	45.73	1.04	Peak	128	327
3	7323.00	21.39	54.00	-32.61	14.56	6.83	Average	315	271
4	7323.00	51.49	74.00	-22.51	44.66	6.83	Peak	315	271

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	8DPSK	**Test Freq. (MHz)**	2480
Polarization	Horizontal		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

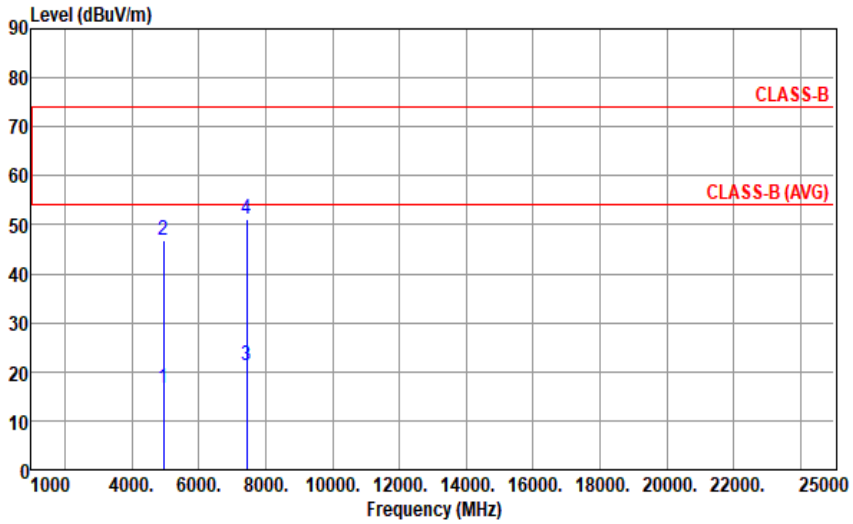


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4960.00	15.48	54.00	-38.52	14.29	1.19	Average	305	302
2	4960.00	45.58	74.00	-28.42	44.39	1.19	Peak	305	302
3	7440.00	20.34	54.00	-33.66	13.67	6.67	Average	232	195
4	7440.00	50.44	74.00	-23.56	43.77	6.67	Peak	232	195

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	8DPSK	**Test Freq. (MHz)**	2480
Polarization	Vertical		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

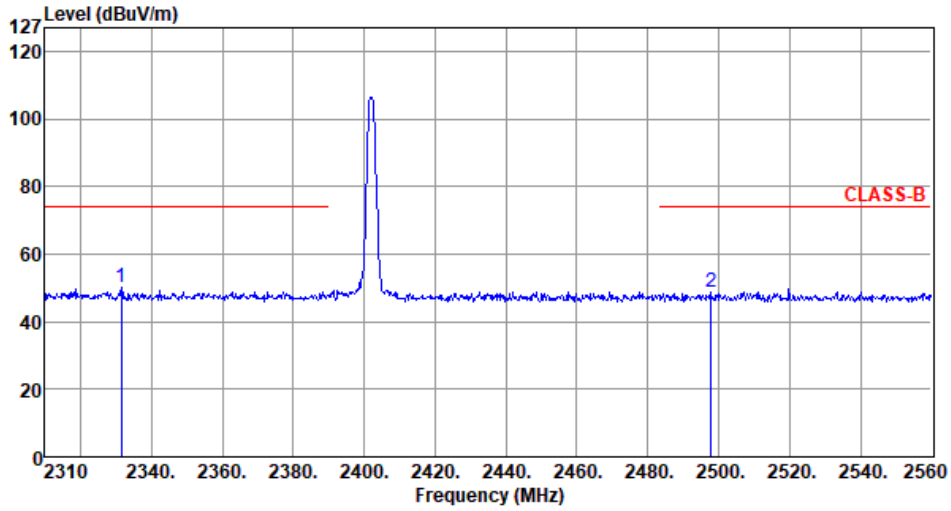


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	4960.00	16.61	54.00	-37.39	15.42	1.19	Average	130	333
2	4960.00	46.71	74.00	-27.29	45.52	1.19	Peak	130	333
3	7440.00	21.19	54.00	-32.81	14.52	6.67	Average	318	272
4	7440.00	51.29	74.00	-22.71	44.62	6.67	Peak	318	272

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	GFSK	Test Freq. (MHz)	2402
Polarization	Horizontal-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

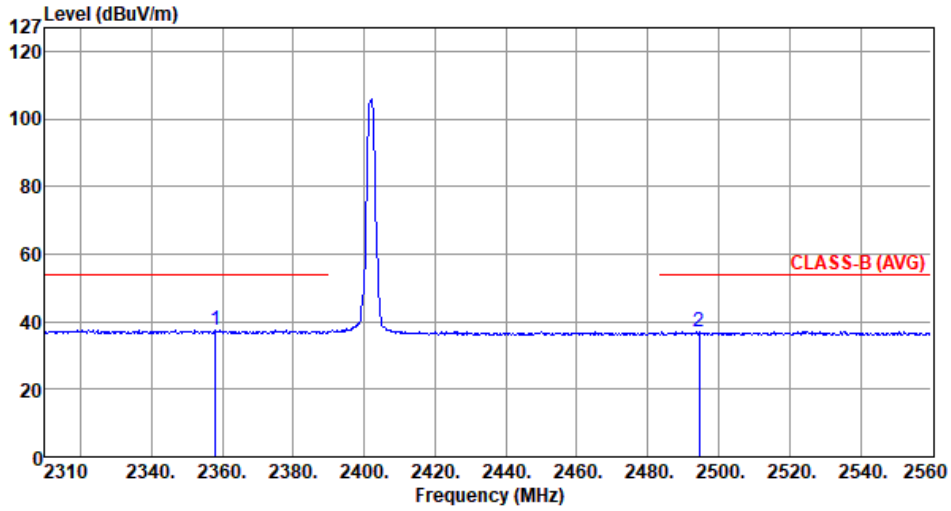


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2331.50	50.29	74.00	-23.71	53.46	-3.17	Peak	253	58
2	2497.75	48.82	74.00	-25.18	52.37	-3.55	Peak	253	58

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	GFSK	**Test Freq. (MHz)**	2402
Polarization	Horizontal-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

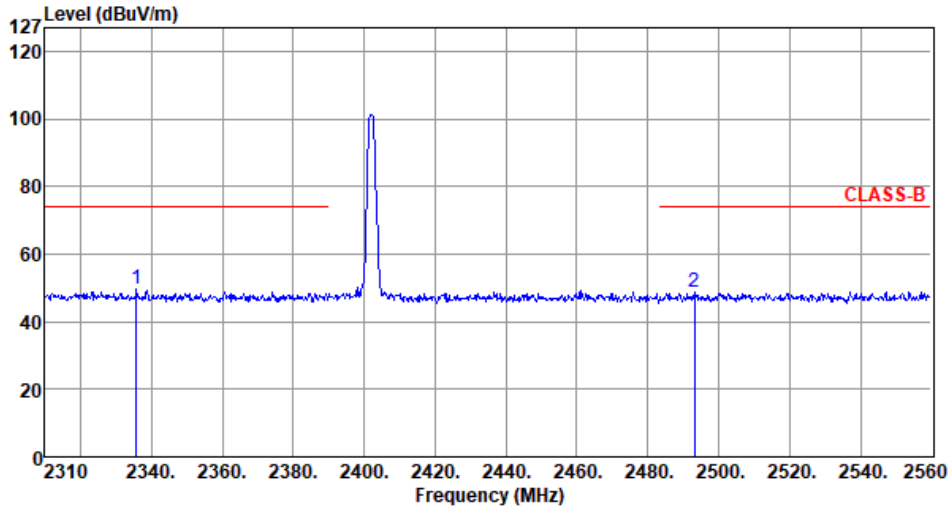


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2358.00	37.45	54.00	-16.55	40.70	-3.25	Average	253	58
2	2494.50	36.90	54.00	-17.10	40.42	-3.52	Average	253	58

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	GFSK	**Test Freq. (MHz)**	2402
Polarization	Vertical-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

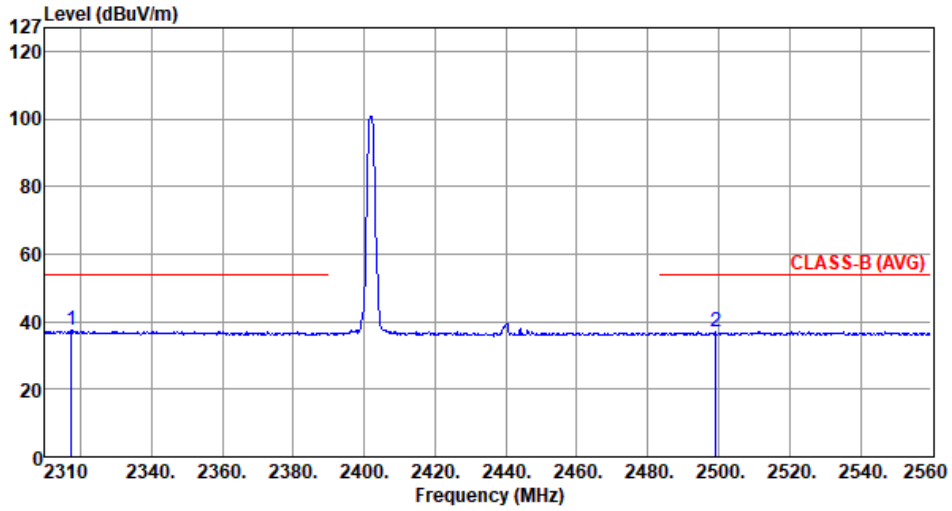


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2335.75	49.56	74.00	-24.44	52.73	-3.17	Peak	253	174
2	2493.25	48.52	74.00	-25.48	52.02	-3.50	Peak	253	174

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	GFSK	Test Freq. (MHz)	2402
Polarization	Vertical-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

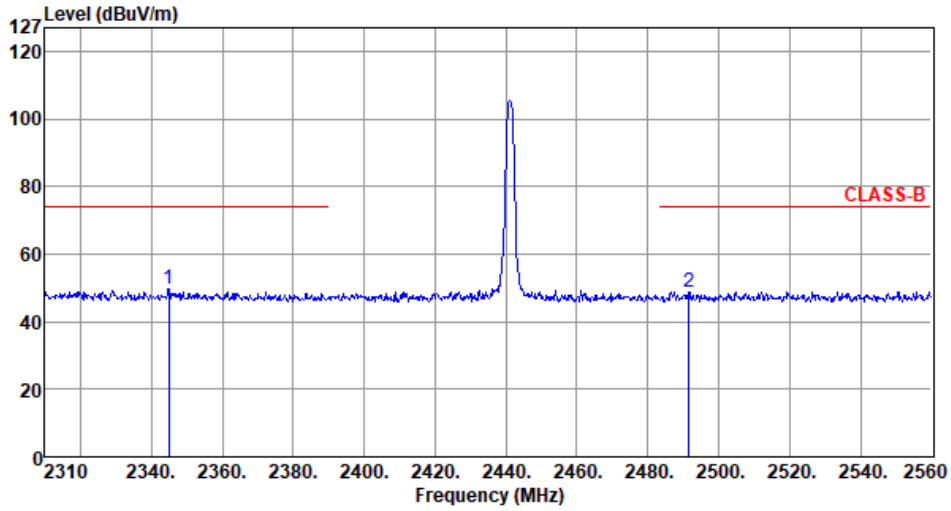


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2317.50	37.72	54.00	-16.28	40.71	-2.99	Average	253	174
2	2499.25	37.01	54.00	-16.99	40.57	-3.56	Average	253	174

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	GFSK	Test Freq. (MHz)	2441
Polarization	Horizontal-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

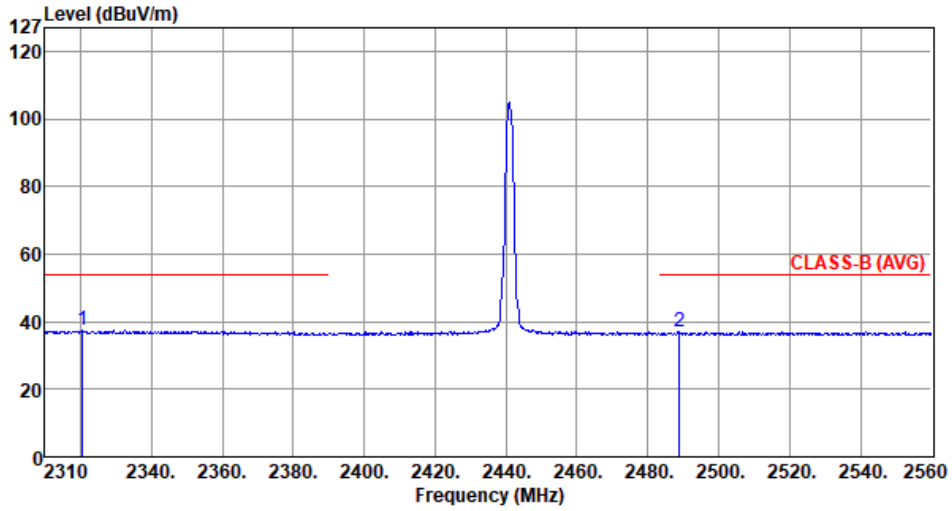


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2345.00	49.55	74.00	-24.45	52.71	-3.16	Peak	260	56
2	2491.50	48.90	74.00	-25.10	52.40	-3.50	Peak	260	56

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	GFSK	**Test Freq. (MHz)**	2441
Polarization	Horizontal-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

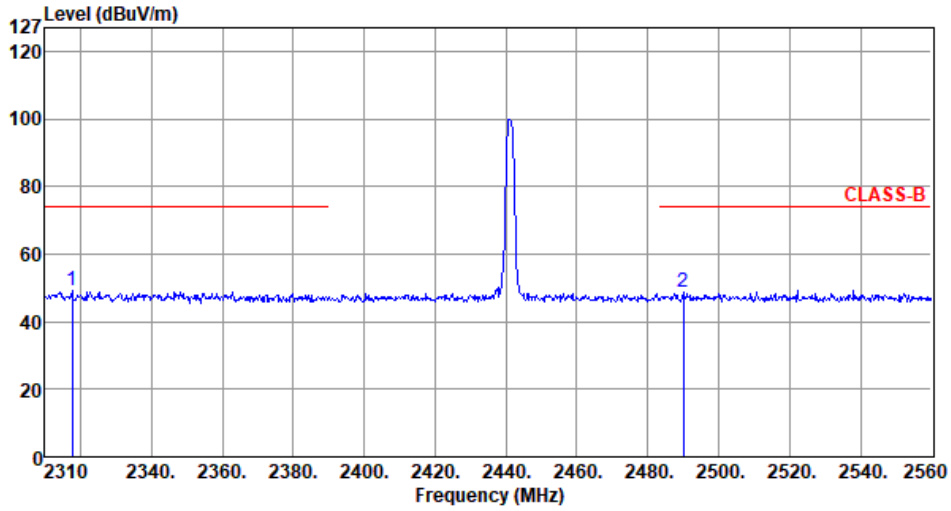


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2320.50	37.36	54.00	-16.64	40.34	-2.98	Average	260	56
2	2489.00	37.07	54.00	-16.93	40.56	-3.49	Average	260	56

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	GFSK	Test Freq. (MHz)	2441
Polarization	Vertical-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

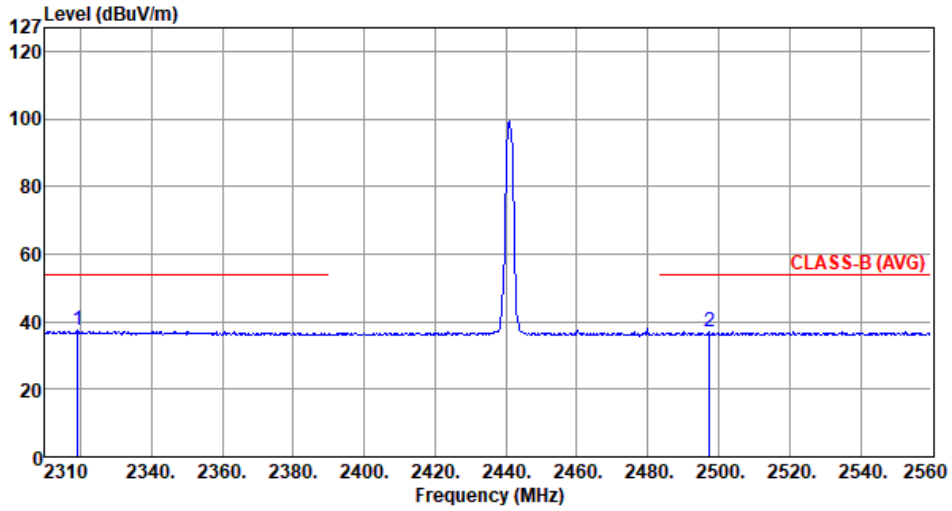


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2317.75	49.34	74.00	-24.66	52.33	-2.99	Peak	347	175
2	2490.00	48.70	74.00	-25.30	52.18	-3.48	Peak	347	175

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	GFSK	Test Freq. (MHz)	2441
Polarization	Vertical-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

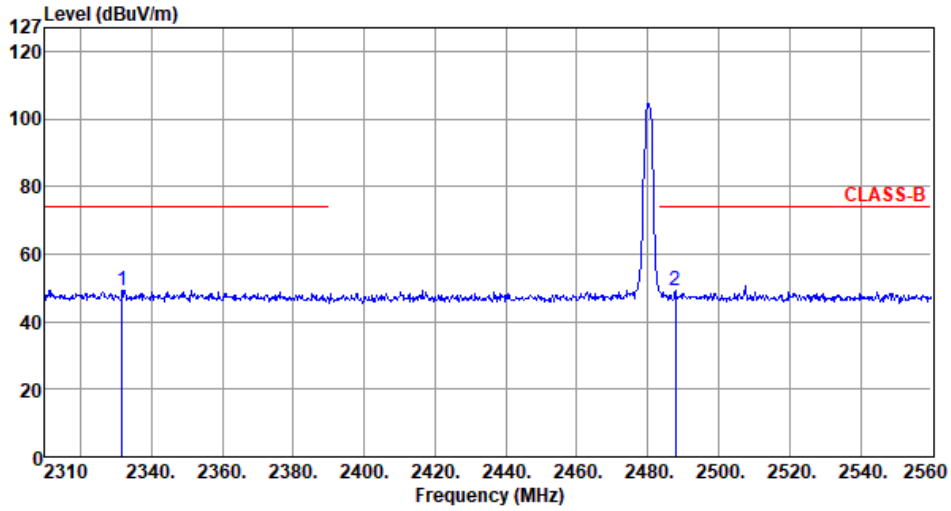


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2319.25	37.30	54.00	-16.70	40.28	-2.98	Average	347	175
2	2497.50	37.01	54.00	-16.99	40.55	-3.54	Average	347	175

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	GFSK	**Test Freq. (MHz)**	2480
Polarization	Horizontal-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

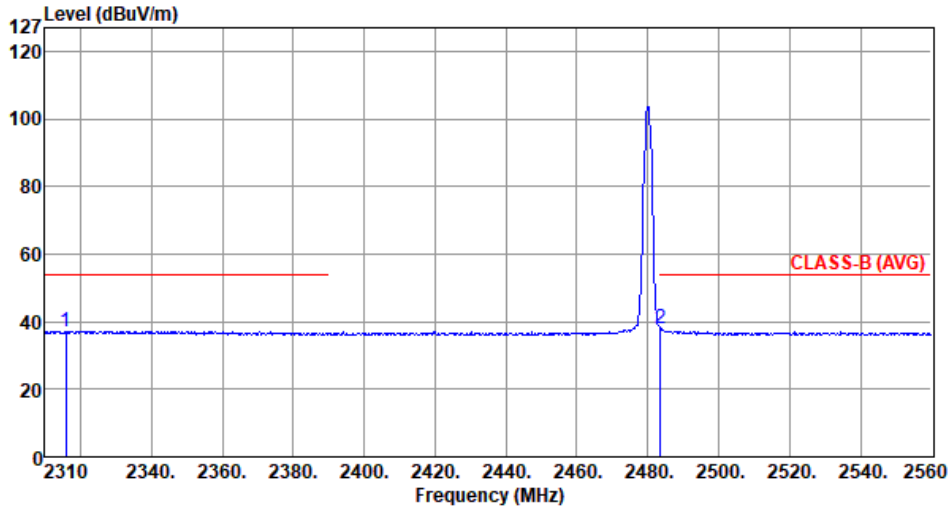


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2331.75	49.38	74.00	-24.62	52.55	-3.17	Peak	257	54
2	2487.75	49.30	74.00	-24.70	52.80	-3.50	Peak	257	54

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	GFSK	**Test Freq. (MHz)**	2480
Polarization	Horizontal-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

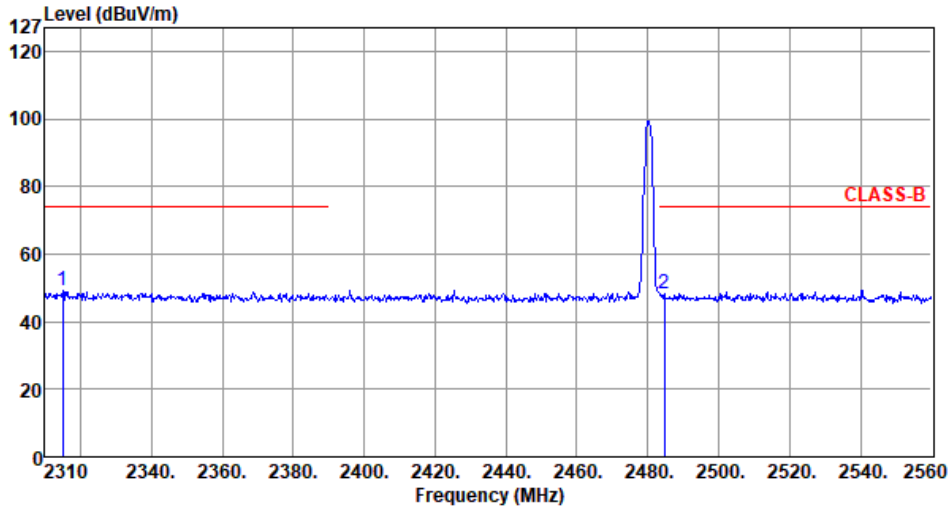


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2316.00	37.24	54.00	-16.76	40.25	-3.01	Average	257	54
2	2483.50	38.19	54.00	-15.81	41.73	-3.54	Average	257	54

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	GFSK	**Test Freq. (MHz)**	2480
Polarization	Vertical-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

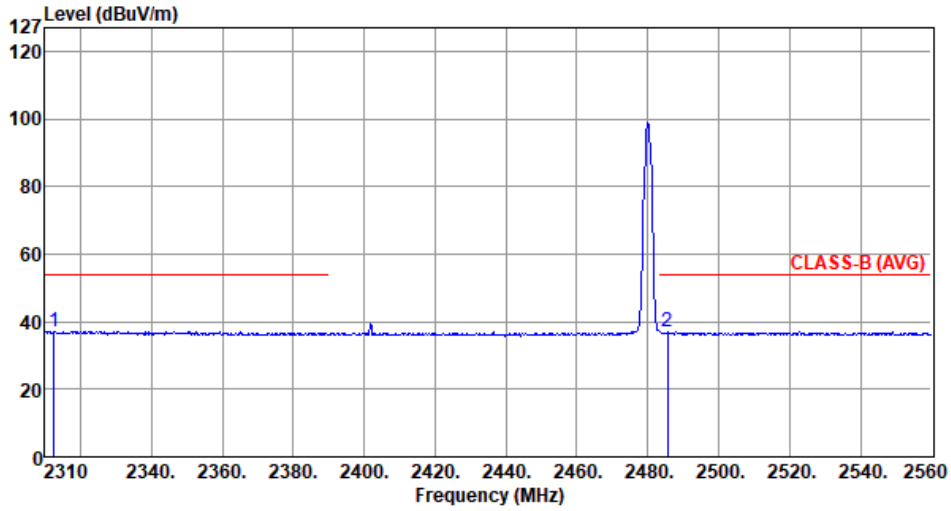


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2315.00	49.28	74.00	-24.72	52.30	-3.02	Peak	288	170
2	2484.75	48.27	74.00	-25.73	51.81	-3.54	Peak	288	170

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	GFSK	**Test Freq. (MHz)**	2480
Polarization	Vertical-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

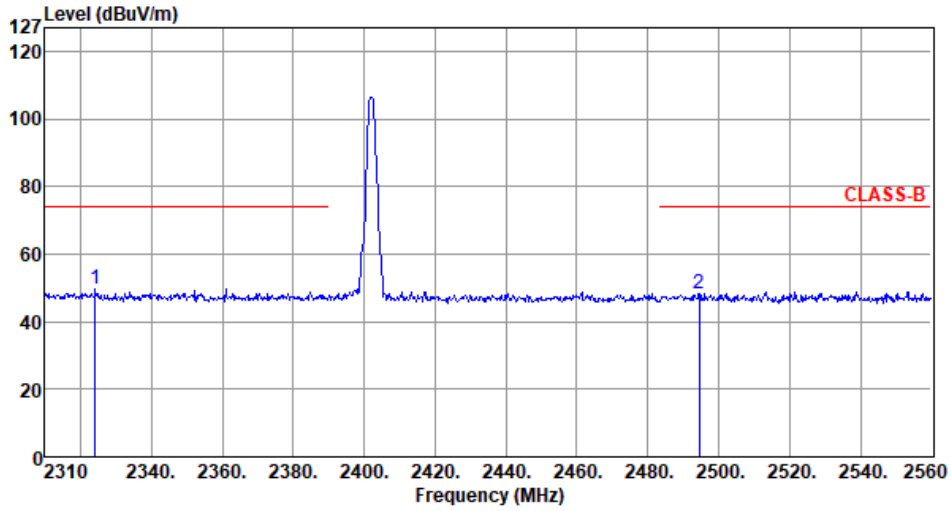


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2312.50	37.23	54.00	-16.77	40.28	-3.05	Average	288	170
2	2485.50	37.18	54.00	-16.82	40.72	-3.54	Average	288	170

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	8DPSK	**Test Freq. (MHz)**	2402
Polarization	Horizontal-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

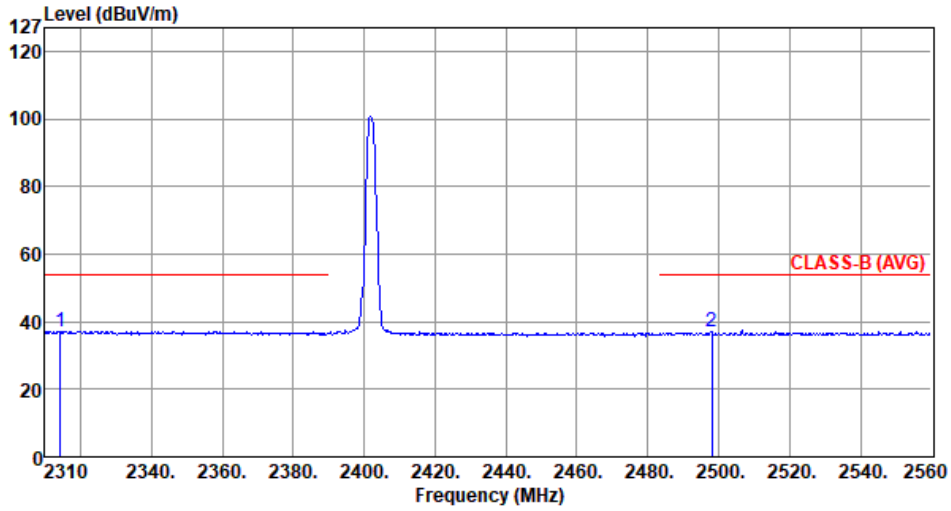


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2324.25	49.82	74.00	-24.18	52.86	-3.04	Peak	252	57
2	2494.50	48.31	74.00	-25.69	51.83	-3.52	Peak	252	57

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	8DPSK	**Test Freq. (MHz)**	2402
Polarization	Horizontal-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

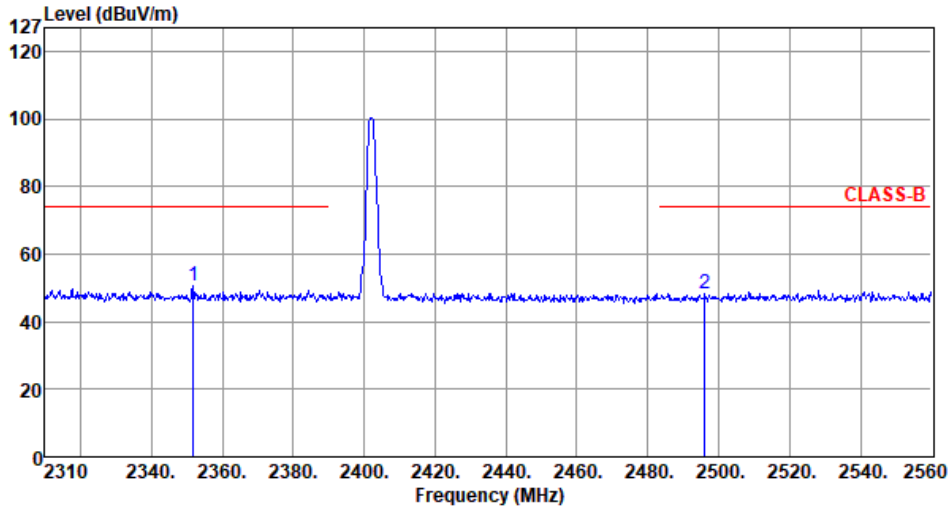


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2314.25	37.22	54.00	-16.78	40.25	-3.03	Average	252	57
2	2498.00	37.00	54.00	-17.00	40.55	-3.55	Average	252	57

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	8DPSK	**Test Freq. (MHz)**	2402
Polarization	Vertical-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

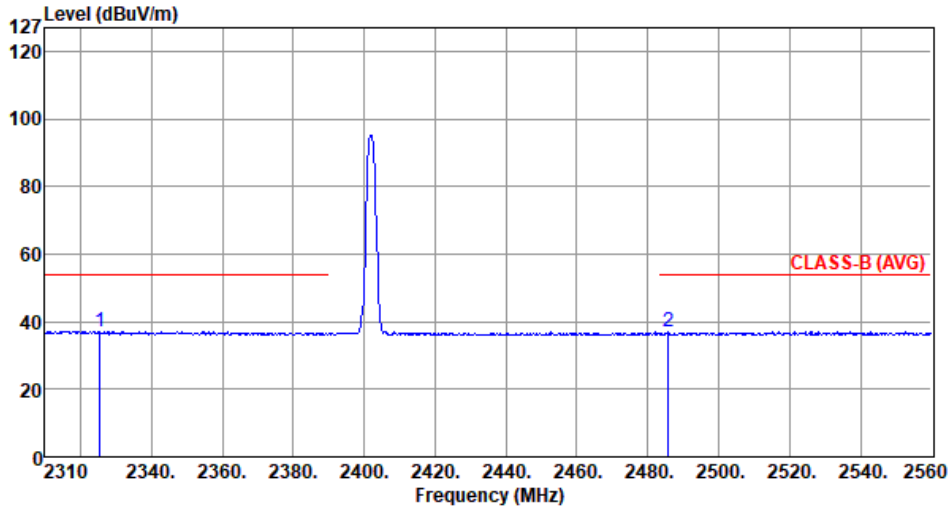


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2351.75	50.42	74.00	-23.58	53.60	-3.18	Peak	249	171
2	2496.00	48.34	74.00	-25.66	51.88	-3.54	Peak	249	171

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	8DPSK	Test Freq. (MHz)	2402
Polarization	Vertical-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

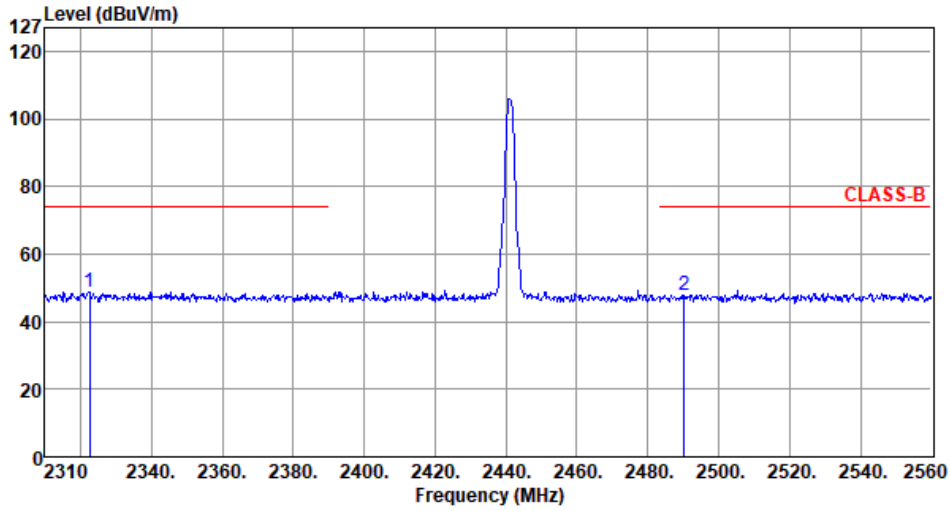


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2325.50	37.19	54.00	-16.81	40.27	-3.08	Average	249	171
2	2485.75	36.83	54.00	-17.17	40.36	-3.53	Average	249	171

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	8DPSK	Test Freq. (MHz)	2441
Polarization	Horizontal-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

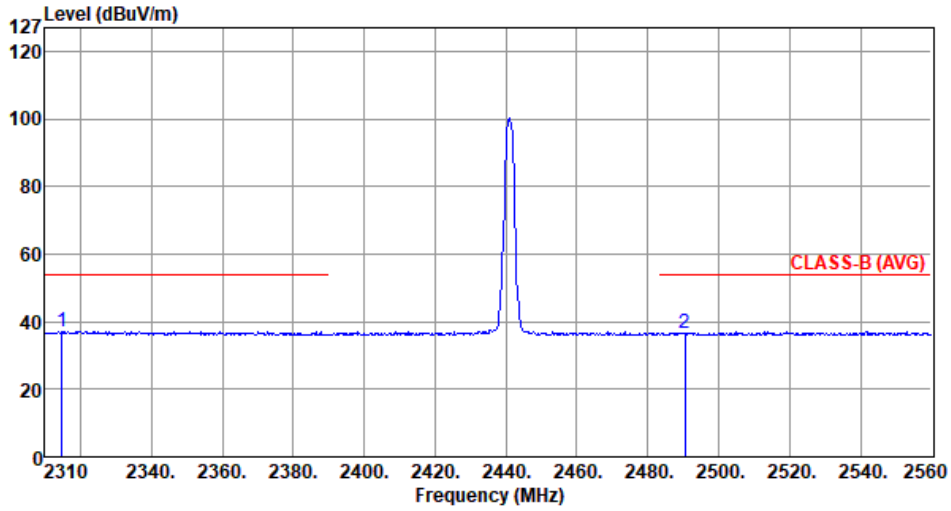


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2322.50	48.81	74.00	-25.19	51.83	-3.02	Peak	239	55
2	2490.25	47.91	74.00	-26.09	51.39	-3.48	Peak	239	55

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	8DPSK	**Test Freq. (MHz)**	2441
Polarization	Horizontal-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

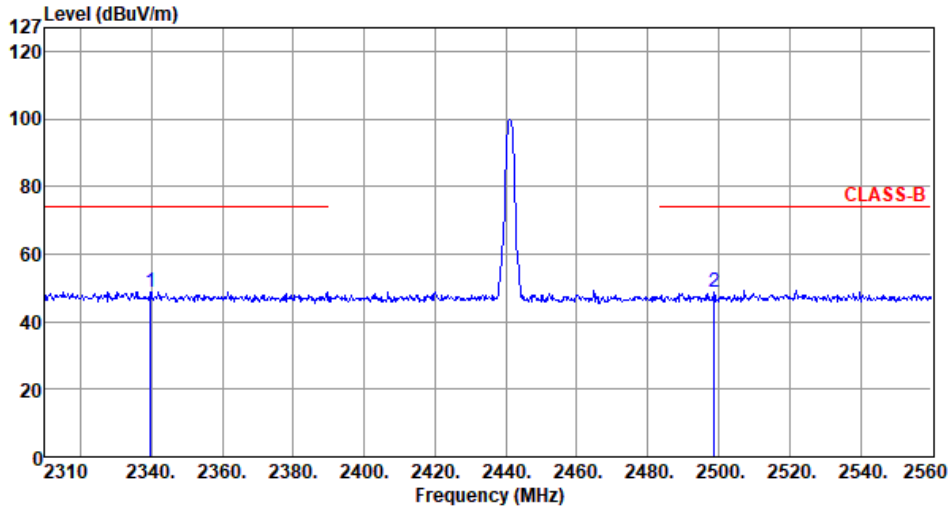


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2314.75	37.22	54.00	-16.78	40.24	-3.02	Average	239	55
2	2490.50	36.71	54.00	-17.29	40.19	-3.48	Average	239	55

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	8DPSK	Test Freq. (MHz)	2441
Polarization	Vertical-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

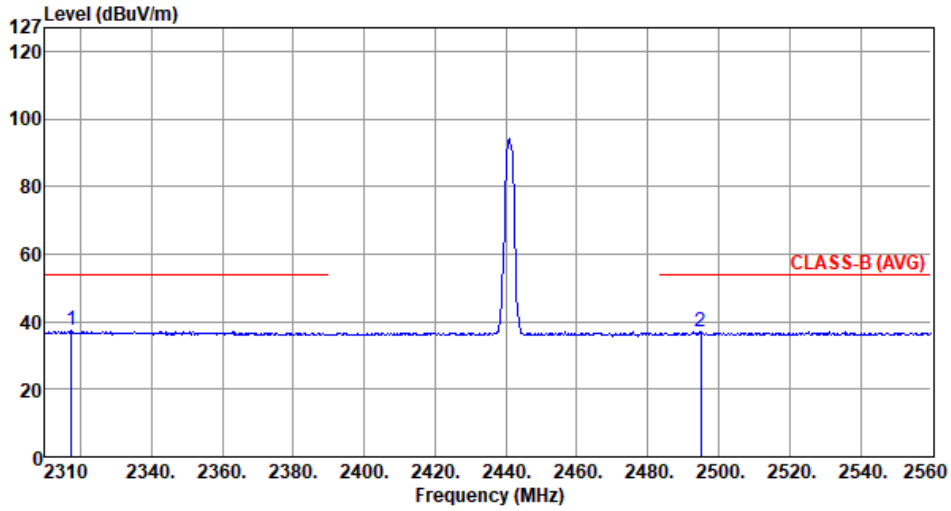


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2339.75	48.88	74.00	-25.12	52.05	-3.17	Peak	243	172
2	2498.75	48.84	74.00	-25.16	52.40	-3.56	Peak	243	172

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).

Modulation	8DPSK	Test Freq. (MHz)	2441
Polarization	Vertical-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

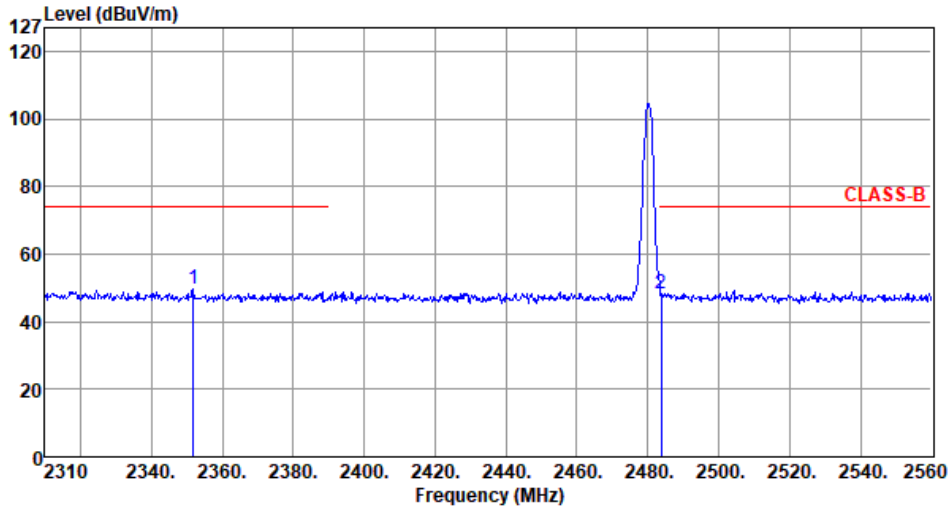


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2317.50	37.37	54.00	-16.63	40.36	-2.99	Average	243	172
2	2495.00	37.05	54.00	-16.95	40.58	-3.53	Average	243	172

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).

Modulation	8DPSK	**Test Freq. (MHz)**	2480
Polarization	Horizontal-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

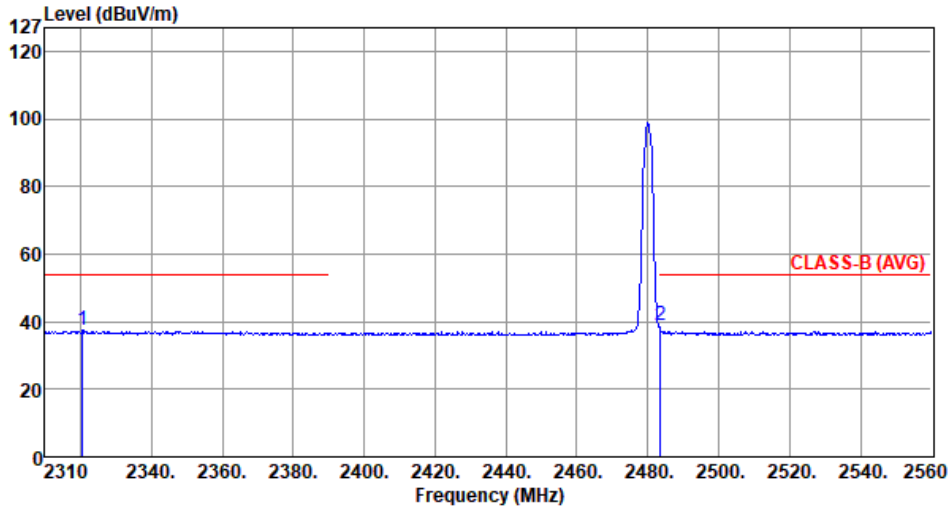


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2351.75	49.61	74.00	-24.39	52.79	-3.18	Peak	259	58
2	2483.75	48.38	74.00	-25.62	51.92	-3.54	Peak	259	58

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	8DPSK	Test Freq. (MHz)	2480
Polarization	Horizontal-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

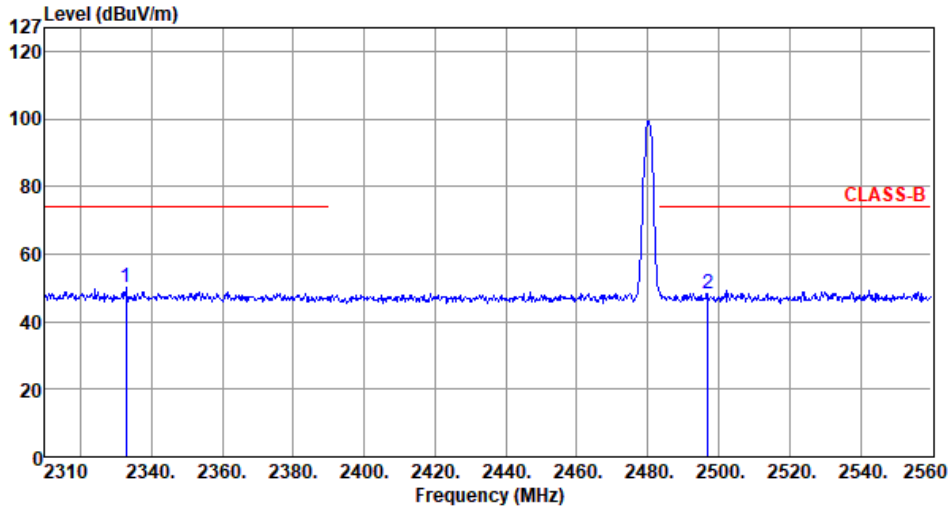


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2320.50	37.48	54.00	-16.52	40.46	-2.98	Average	259	58
2	2483.50	38.69	54.00	-15.31	42.23	-3.54	Average	259	58

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	8DPSK	**Test Freq. (MHz)**	2480
Polarization	Vertical-Peak		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

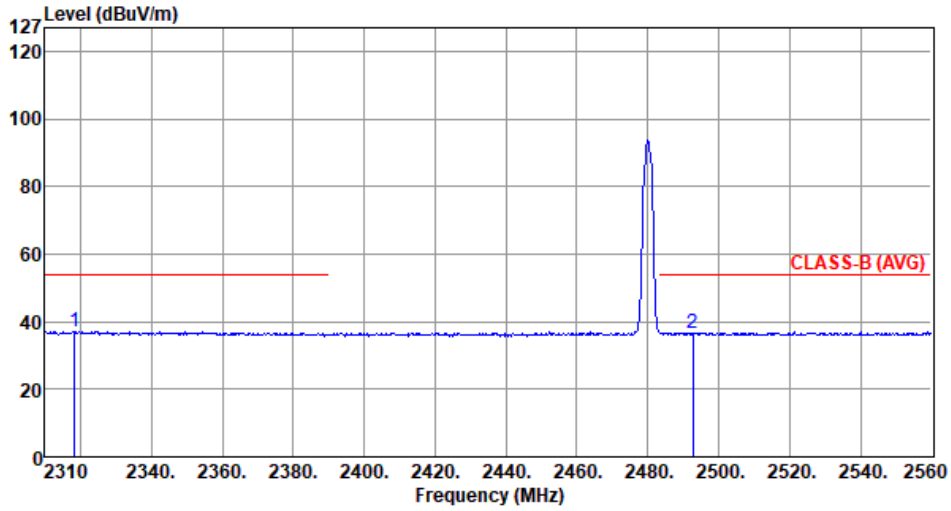


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2332.75	50.32	74.00	-23.68	53.48	-3.16	Peak	232	173
2	2497.00	48.47	74.00	-25.53	52.02	-3.55	Peak	232	173

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	8DPSK	Test Freq. (MHz)	2480
Polarization	Vertical-Average		

Test By :Akun Chung Temperature(℃):25 Humidity(%):66

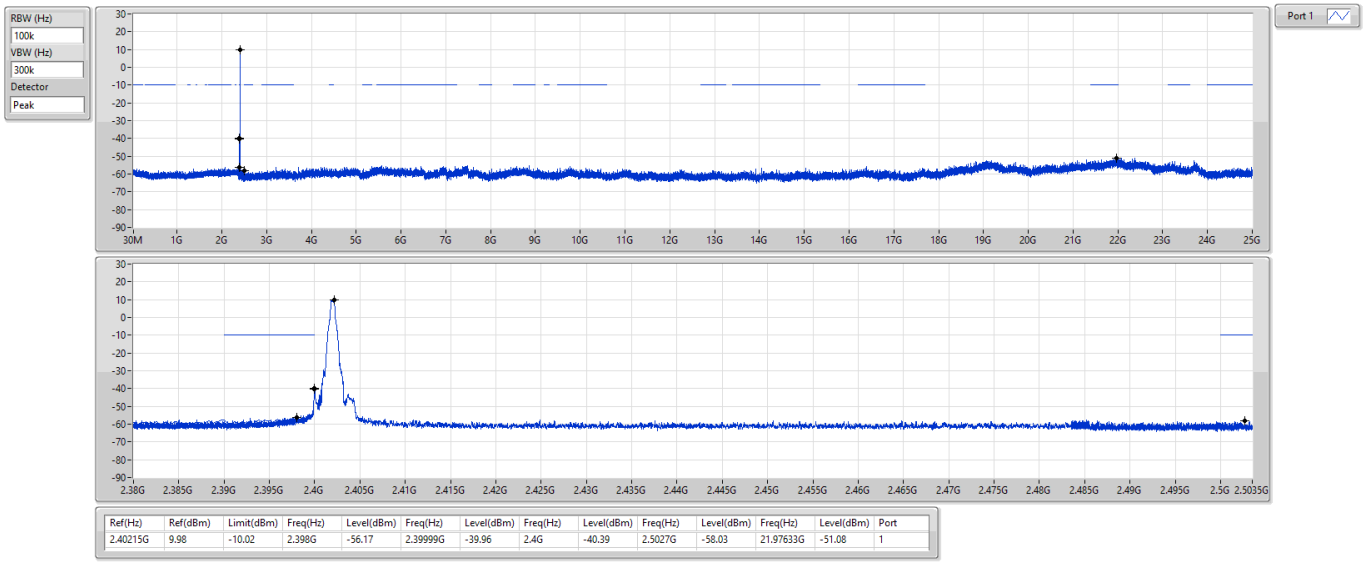


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2318.25	37.22	54.00	-16.78	40.21	-2.99	Average	232	173
2	2492.75	36.77	54.00	-17.23	40.27	-3.50	Average	232	173

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-BR(1Mbps) **CSENdB-FS**

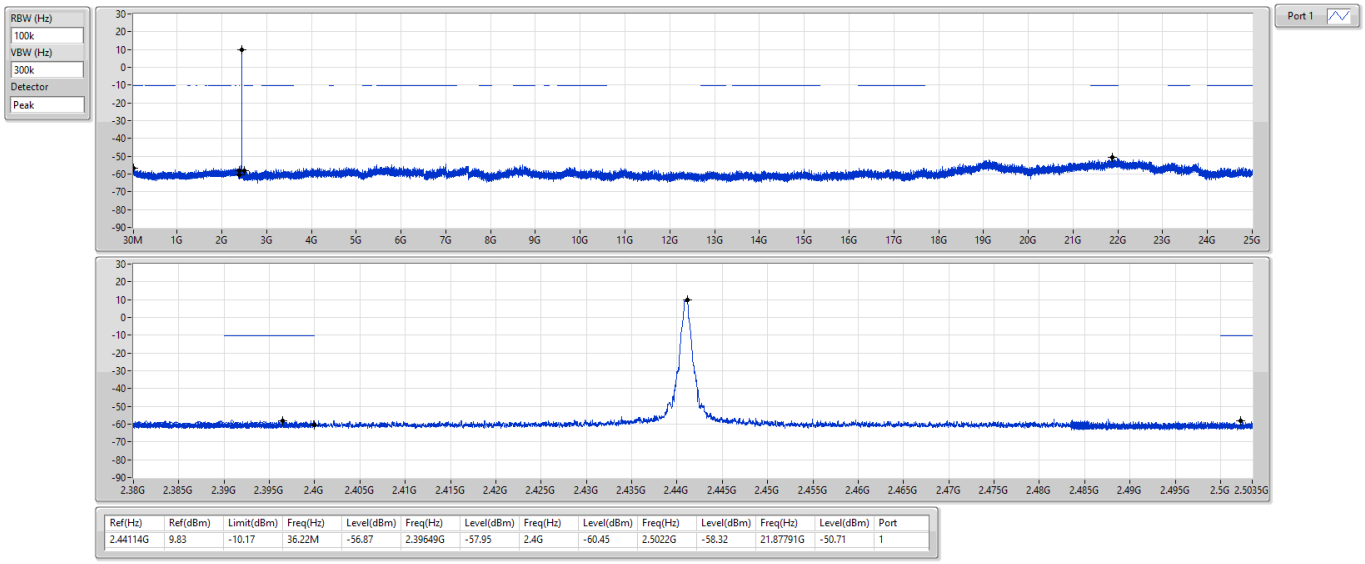
2402MHz



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
2.40215G	9.98	-10.02	2.398G	-56.17	2.39999G	-39.96	2.4G	-40.39	2.5027G	-58.03	21.97633G	-51.08	1

2.4-2.4835GHz_BT-BR(1Mbps) **CSENdB-FS**

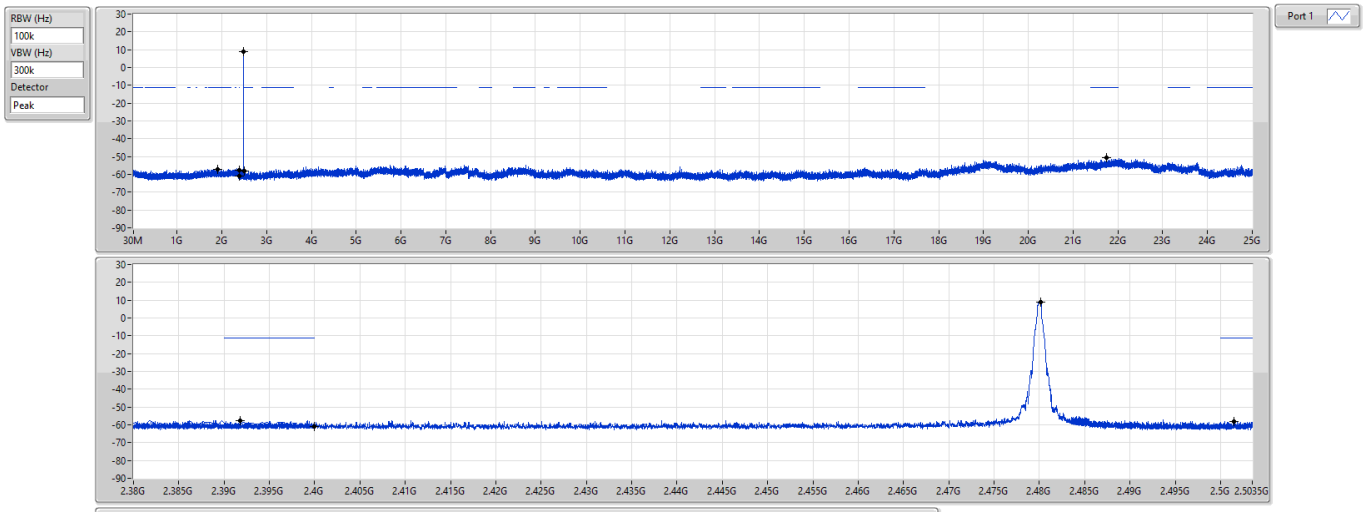
2441MHz



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
2.44114G	9.83	-10.17	36.22M	-56.87	2.39649G	-57.95	2.4G	-60.45	2.5022G	-58.32	21.87791G	-50.71	1

2.4-2.4835GHz_BT-BR(1Mbps) **CSENdB-FS**

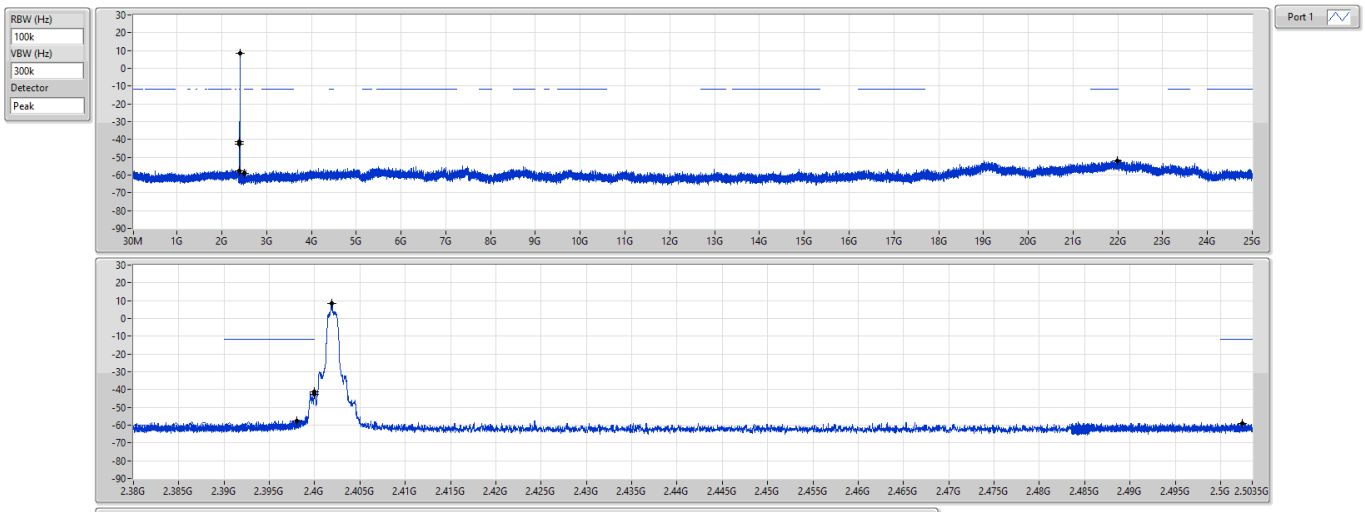
2480MHz



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	8.97	-11.03	1.9099G	-57.15	2.39175G	-57.56	2.4G	-60.99	2.50144G	-57.99	21.74363G	-50.49	1

2.4-2.4835GHz_BT-EDR(2Mbps) **CSENdB-FS**

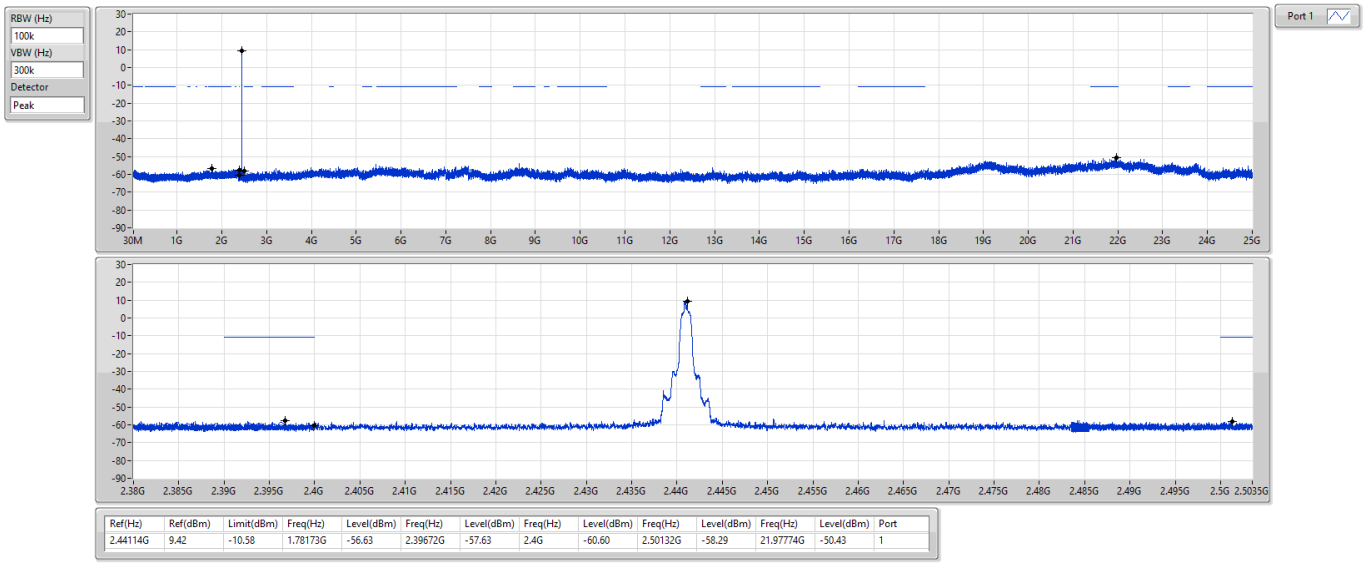
2402MHz



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
2.40193G	8.41	-11.59	2.398G	-57.54	2.39999G	-41.44	2.4G	-42.69	2.50236G	-58.93	21.98336G	-52.00	1

2.4-2.4835GHz_BT-EDR(2Mbps) **CSENdB-FS**

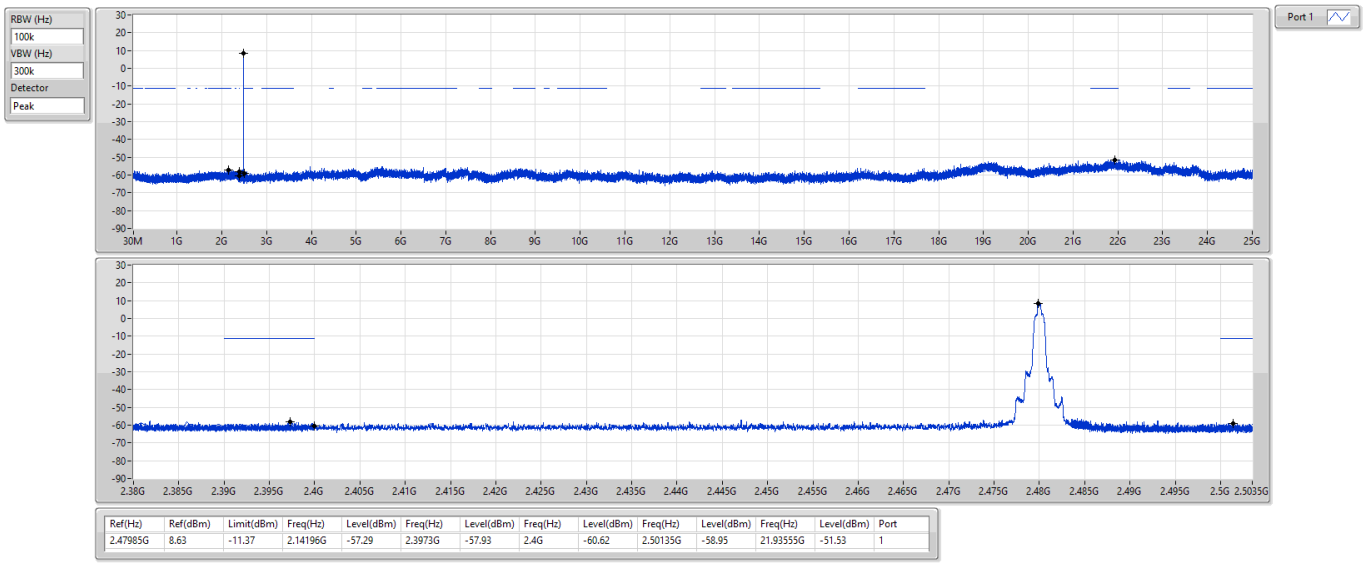
2441MHz



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
2.44114G	9.42	-10.58	1.78173G	-56.63	2.39672G	-57.63	2.4G	-60.60	2.50132G	-58.29	21.97774G	-50.43	1

2.4-2.4835GHz_BT-EDR(2Mbps) **CSENdB-FS**

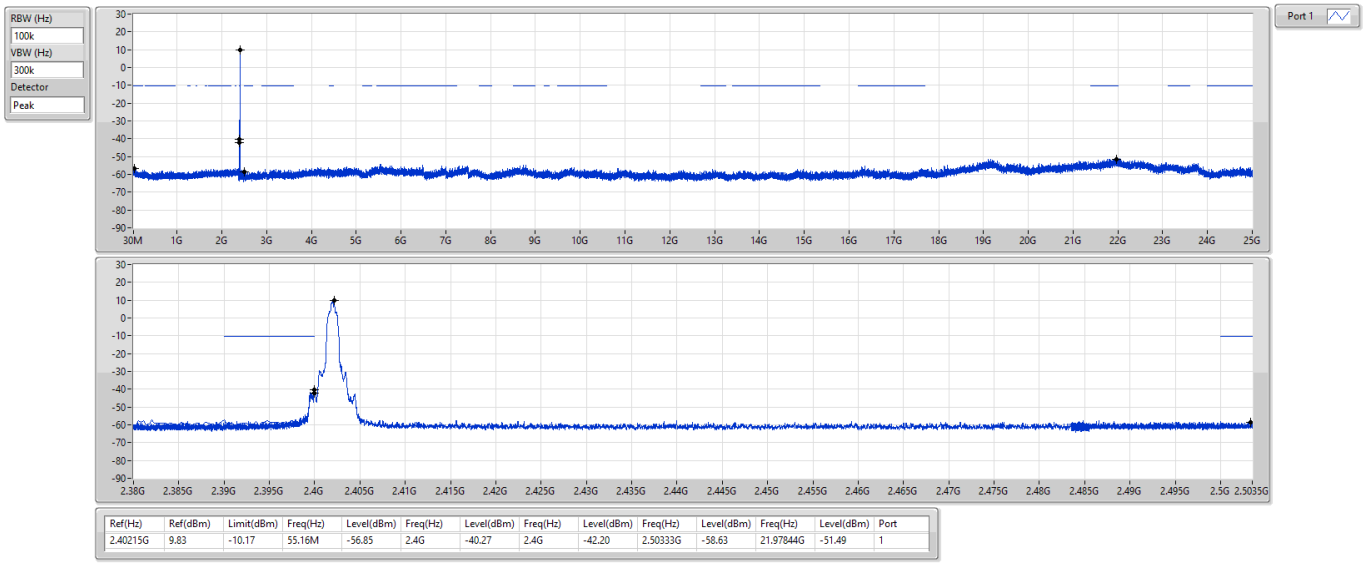
2480MHz



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
2.47985G	8.63	-11.37	2.14196G	-57.29	2.3973G	-57.93	2.4G	-60.62	2.50135G	-58.95	21.93555G	-51.53	1

2.4-2.4835GHz_BT-EDR(3Mbps) **CSENdB-FS**

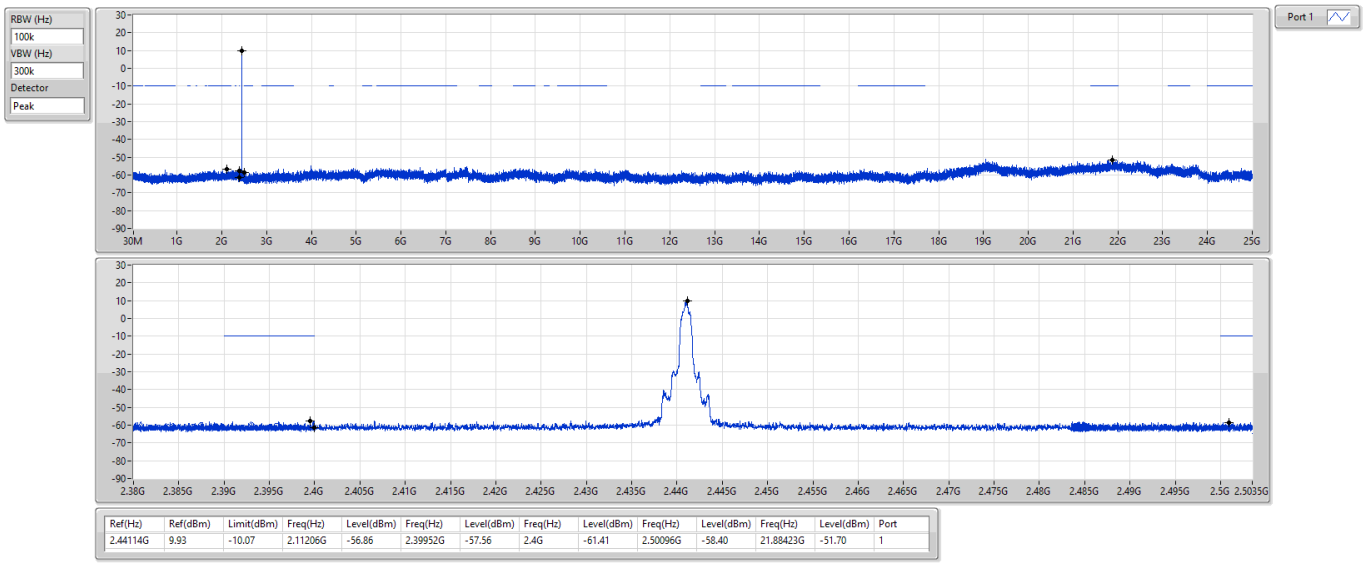
2402MHz



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
2.40215G	9.83	-10.17	55.16M	-56.85	2.4G	-40.27	2.4G	-42.20	2.50333G	-58.63	21.97844G	-51.49	1

2.4-2.4835GHz_BT-EDR(3Mbps) **CSENdB-FS**

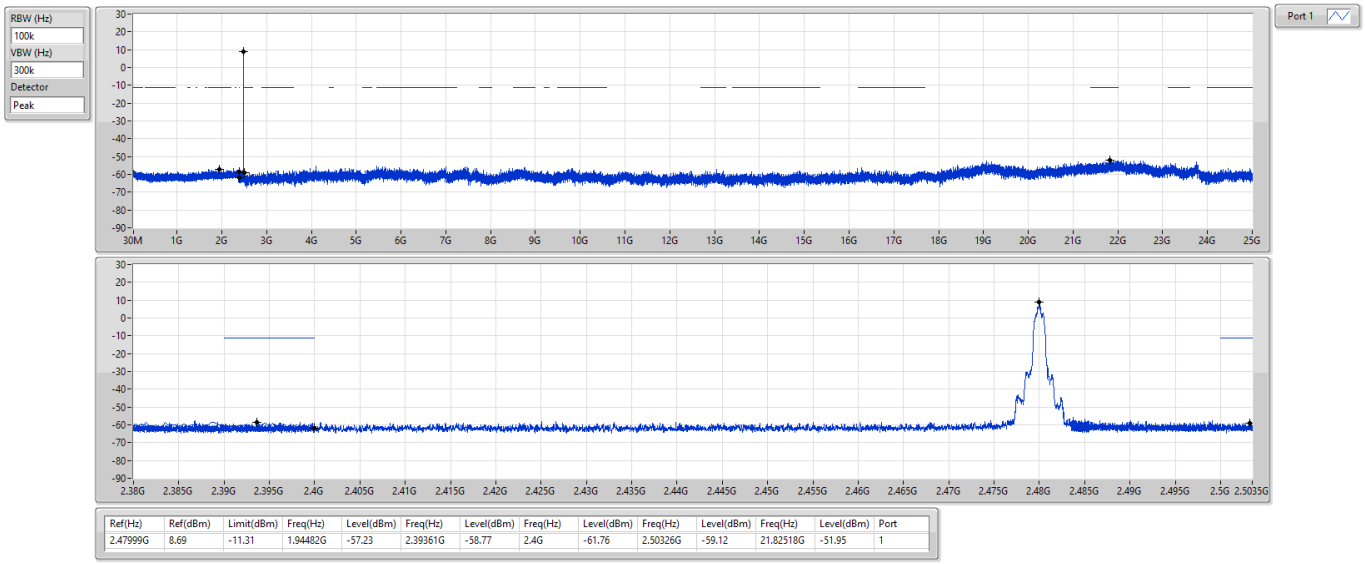
2441MHz



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
2.44114G	9.93	-10.07	2.11206G	-56.86	2.39952G	-57.56	2.4G	-61.41	2.50096G	-58.40	21.88423G	-51.70	1

2.4-2.4835GHz_BT-EDR(3Mbps) **CSENdB-FS**

2480MHz

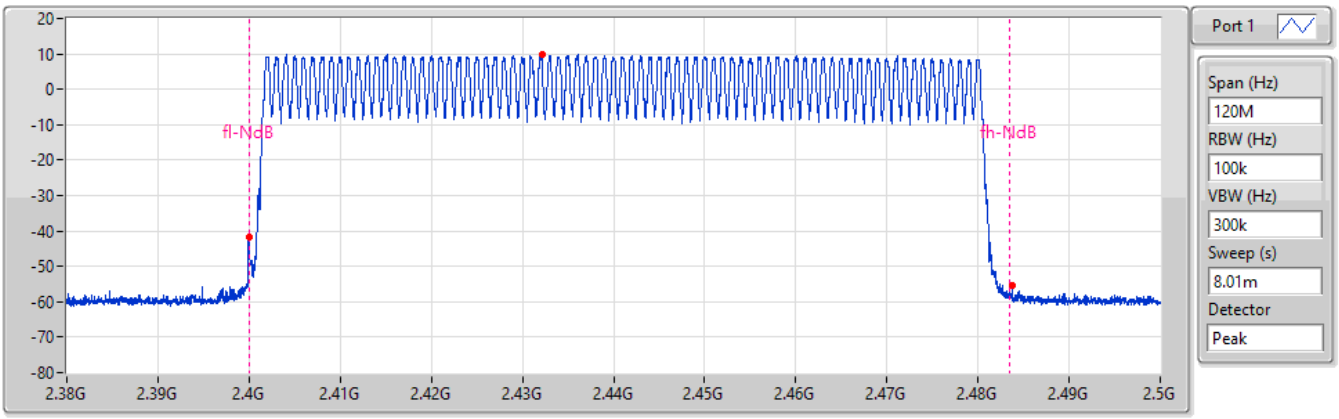


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	8.69	-11.31	1.94482G	-57.23	2.39361G	-58.77	2.4G	-61.76	2.50326G	-59.12	21.82518G	-51.95	1

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz

Hopping Ch Bandedge (Non-restricted Band)

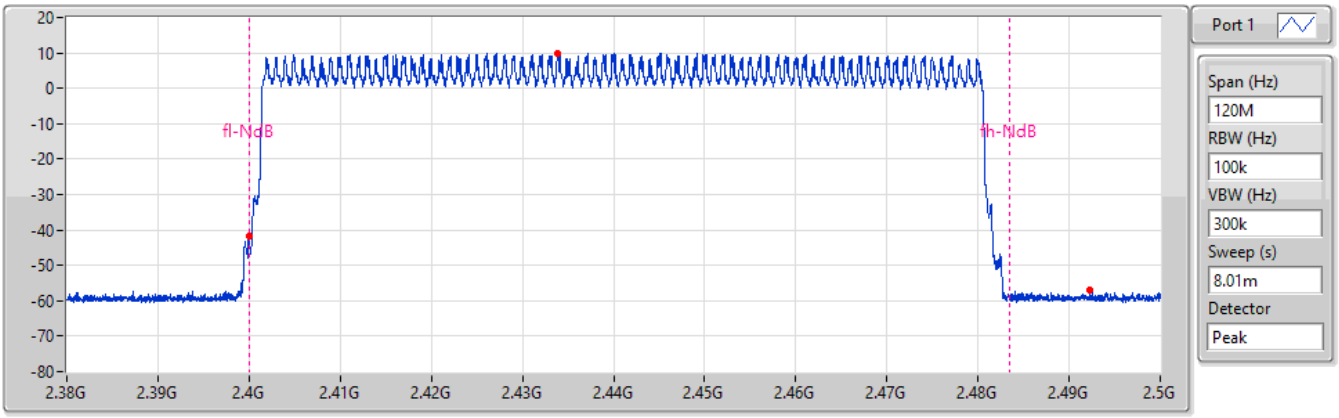


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-10.02	2.432155G	9.98	2.399965G	-41.63	2.483755G	-55.35

2.4-2.4835GHz_BT-EDR(2Mbps)

2402MHz

Hopping Ch Bandedge (Non-restricted Band)

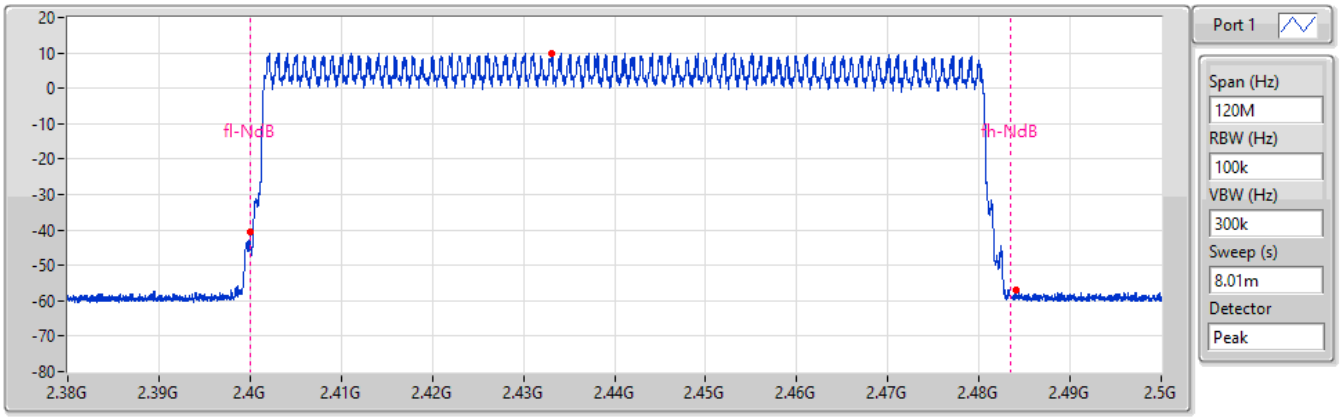


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-10.21	2.433835G	9.79	2.39998G	-41.54	2.492275G	-56.83

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz

Hopping Ch Bandedge (Non-restricted Band)



Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-10.09	2.433145G	9.91	2.399995G	-40.64	2.484055G	-57.14

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	10.17	0.01040
BT-EDR(2Mbps)	10.15	0.01035
BT-EDR(3Mbps)	10.16	0.01038

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.53	10.17	21.00	13.70	27.00
2441MHz	Pass	3.53	9.73	21.00	13.26	27.00
2480MHz	Pass	3.53	9.29	21.00	12.82	27.00
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.53	10.15	21.00	13.68	27.00
2441MHz	Pass	3.53	9.76	21.00	13.29	27.00
2480MHz	Pass	3.53	9.33	21.00	12.86	27.00
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.53	10.16	21.00	13.69	27.00
2441MHz	Pass	3.53	9.78	21.00	13.31	27.00
2480MHz	Pass	3.53	9.36	21.00	12.89	27.00

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	9.96	0.00991
BT-EDR(2Mbps)	6.83	0.00482
BT-EDR(3Mbps)	6.84	0.00483

Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.53	9.96	-	13.49	-
2441MHz	Pass	3.53	9.54	-	13.07	-
2480MHz	Pass	3.53	9.08	-	12.61	-
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.53	6.83	-	10.36	-
2441MHz	Pass	3.53	6.42	-	9.95	-
2480MHz	Pass	3.53	5.91	-	9.44	-
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.53	6.84	-	10.37	-
2441MHz	Pass	3.53	6.44	-	9.97	-
2480MHz	Pass	3.53	5.91	-	9.44	-

Note: Average power is for reference only

Summary

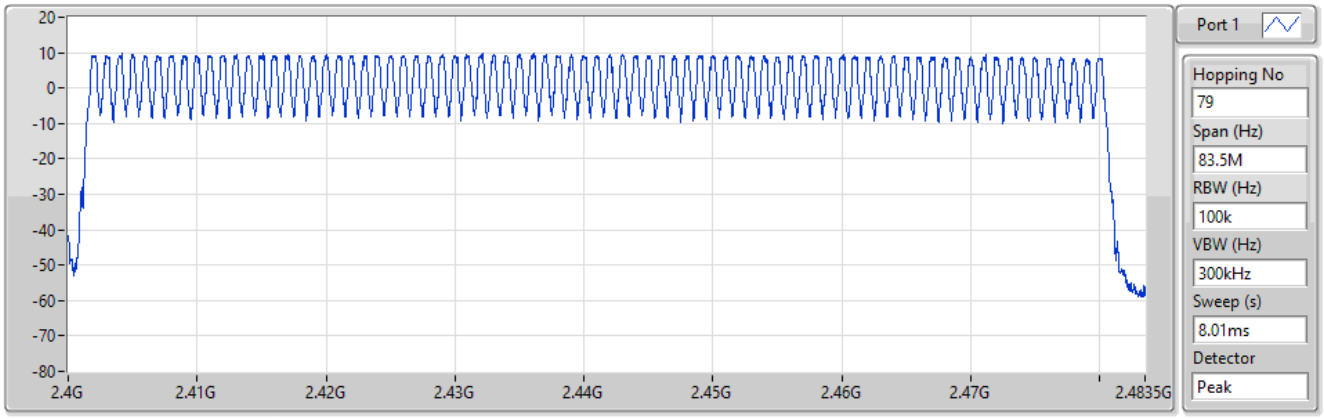
Mode 2.4-2.4835GHz	Max-Hop No -
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

Result

Mode BT-BR(1Mbps)	Result -	Hopping No -	Limit -
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**

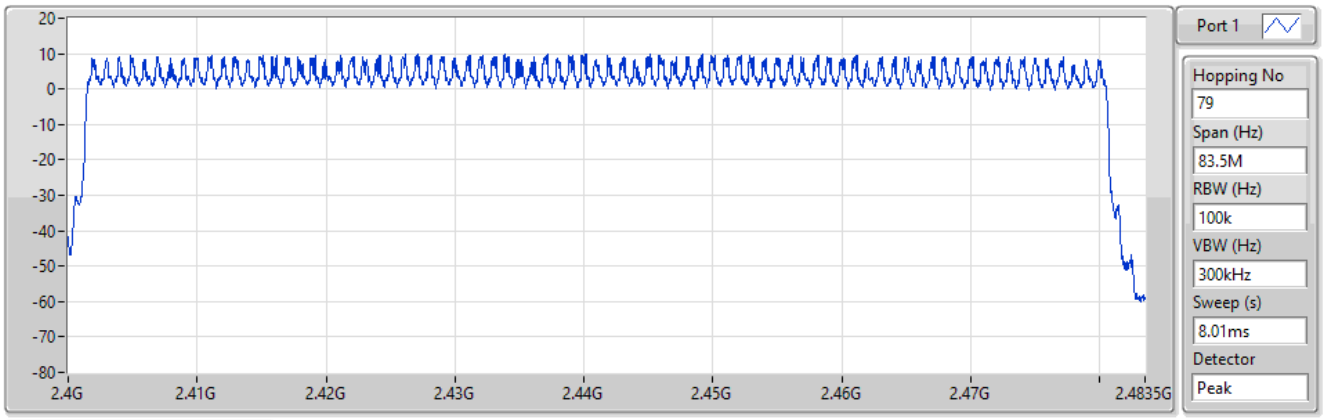
2402MHz



Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(2Mbps) **Hopping-FS**

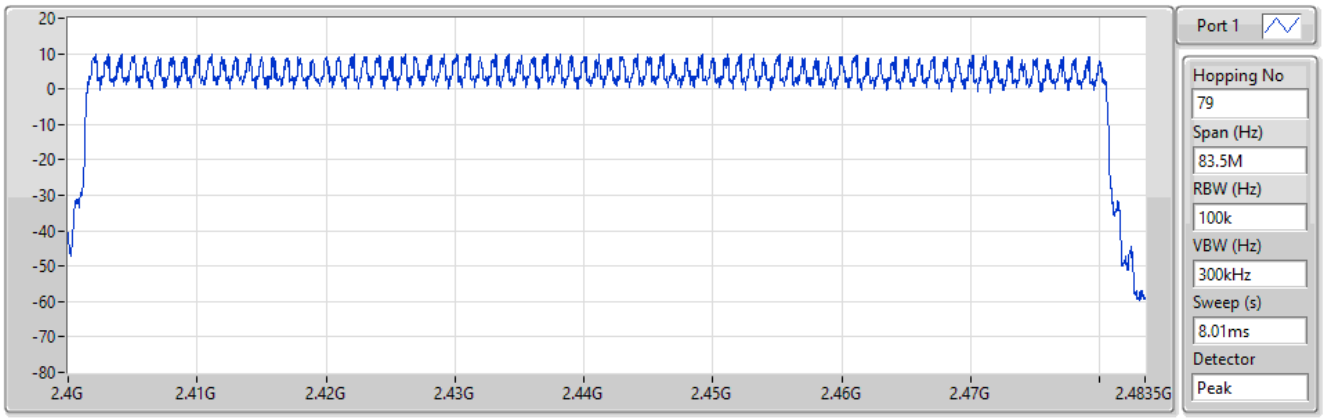
2402MHz



Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(3Mbps) **Hopping-FS**

2402MHz



Hopping No	Limit
79	15

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	846.371k	846KF1D	918.5k	835.023k
BT-EDR(2Mbps)	1.235M	1.144M	1M14G1D	1.227M	1.137M
BT-EDR(3Mbps)	1.238M	1.137M	1M14G1D	1.238M	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	835.023k
2441MHz	Pass	Inf	918.5k	845.72k
2480MHz	Pass	Inf	918.5k	846.371k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.227M	1.142M
2441MHz	Pass	Inf	1.227M	1.144M
2480MHz	Pass	Inf	1.235M	1.137M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.238M	1.137M
2441MHz	Pass	Inf	1.238M	1.137M
2480MHz	Pass	Inf	1.238M	1.136M

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

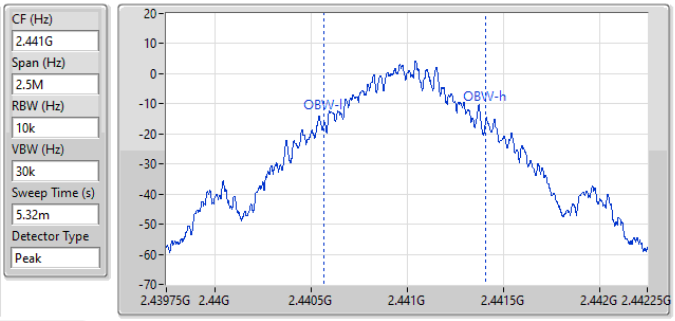
2.4-2.4835GHz_BT-BR(1Mbps) **EBW-FS**

2402MHz

20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
918.5k	2.401538G	2.402457G	835.023k	2.401573G	2.402408G	Inf	1

2.4-2.4835GHz_BT-BR(1Mbps) **EBW-FS**

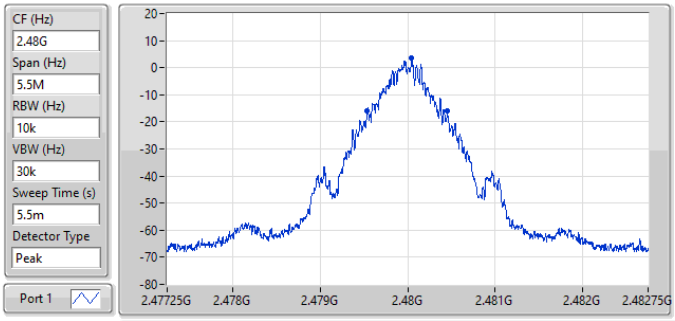
2441MHz

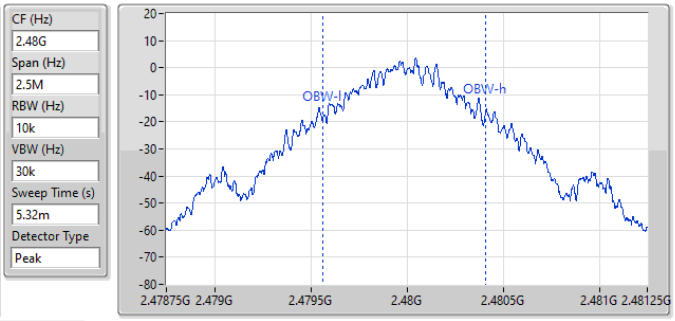


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
918.5k	2.440538G	2.441457G	845.72k	2.440566G	2.441412G	Inf	1

2.4-2.4835GHz_BT-BR(1Mbps) **EBW-FS**

2480MHz

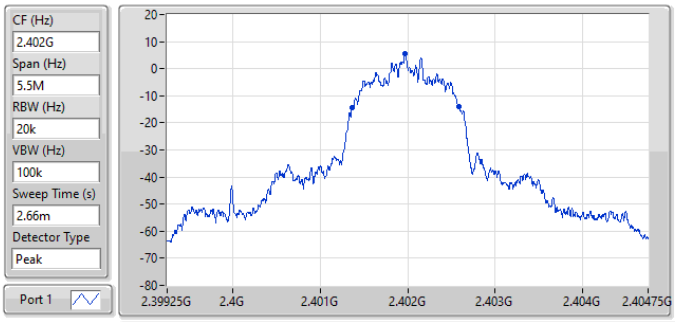


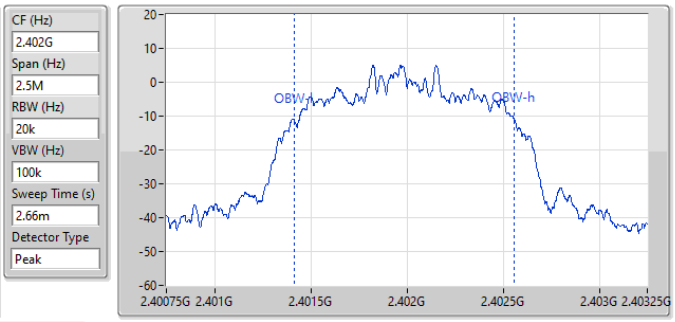


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
918.5k	2.479538G	2.480457G	846.371k	2.479565G	2.480412G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

2402MHz

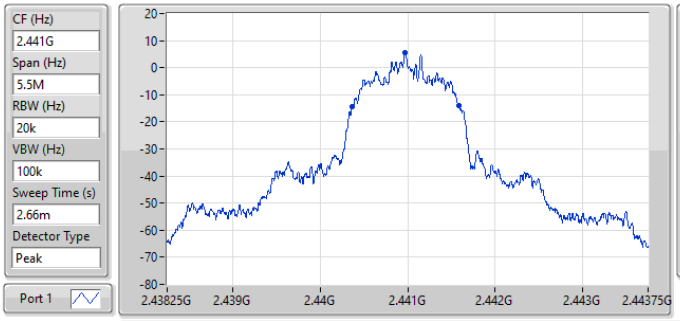


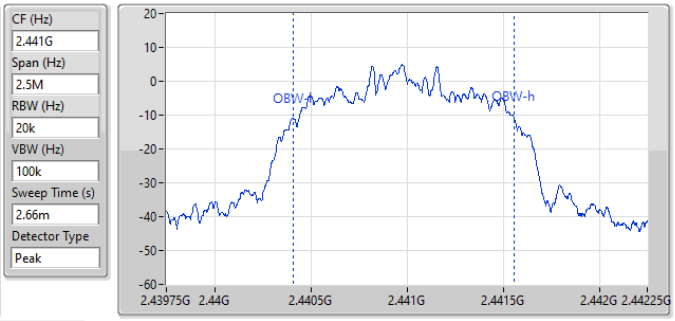


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.227M	2.401365G	2.402591G	1.142M	2.401413G	2.402555G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

2441MHz

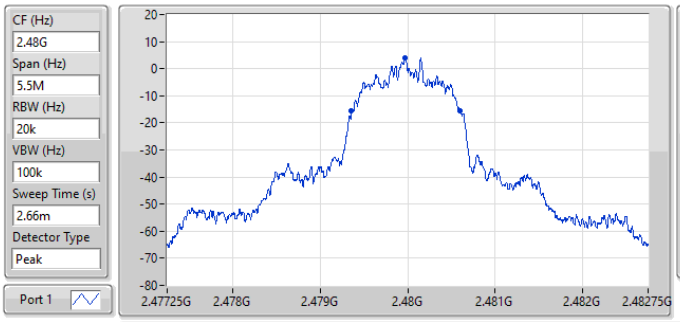


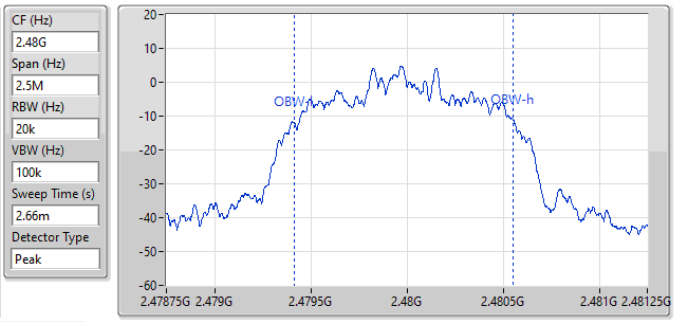


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.227M	2.440365G	2.441591G	1.144M	2.440412G	2.441556G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

2480MHz

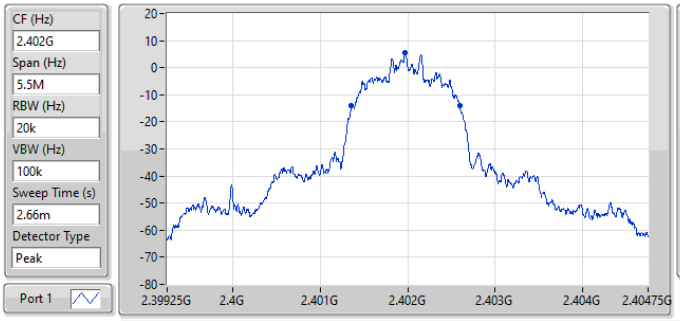


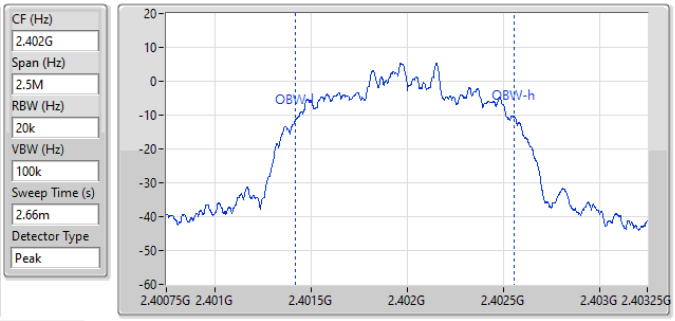


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.235M	2.479359G	2.480594G	1.137M	2.479415G	2.480552G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

2402MHz

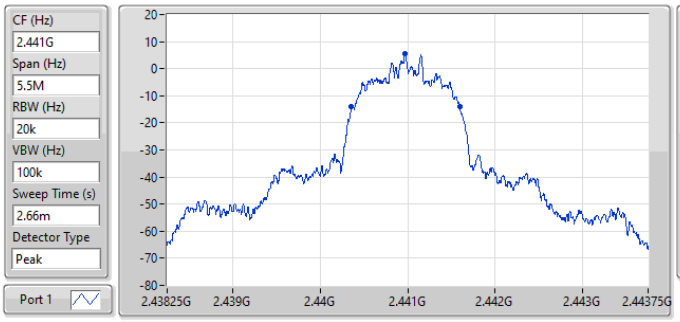


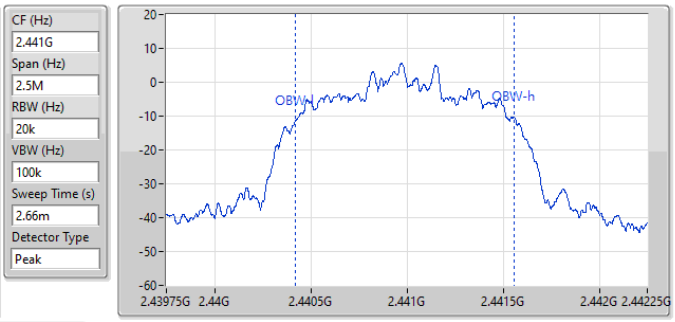


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.238M	2.401359G	2.402597G	1.137M	2.401421G	2.402558G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

2441MHz

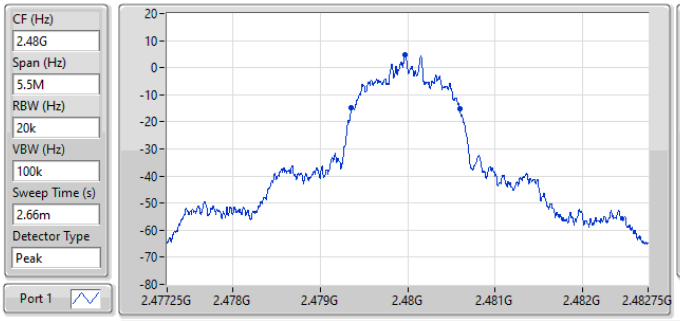


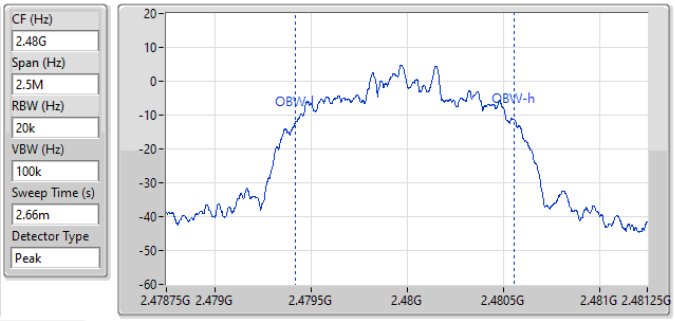


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.238M	2.440359G	2.441597G	1.137M	2.44042G	2.441557G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

2480MHz





20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.238M	2.479359G	2.480597G	1.136M	2.47942G	2.480556G	Inf	1

Summary

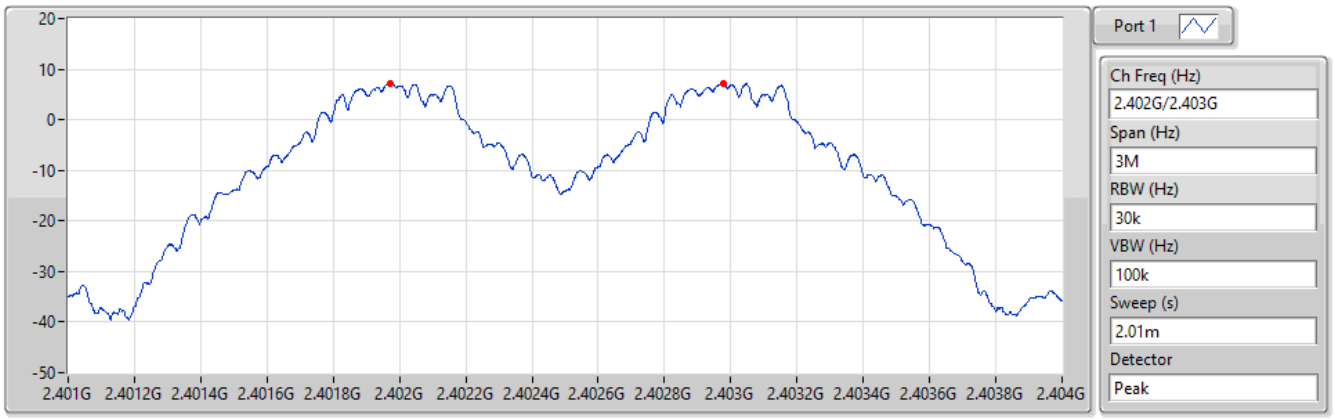
Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.005M	1.0005M
BT-EDR(2Mbps)	1.002M	1.0005M
BT-EDR(3Mbps)	1.002M	1.002M

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.401974G	2.402979G	1.005M	611.721k
2441MHz	Pass	2.440977G	2.441977G	1.0005M	611.721k
2480MHz	Pass	2.478975G	2.479976G	1.0005M	611.721k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.401977G	2.402977G	1.0005M	817.182k
2441MHz	Pass	2.440975G	2.441976G	1.0005M	817.182k
2480MHz	Pass	2.478974G	2.479976G	1.002M	822.51k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.401975G	2.402977G	1.002M	824.508k
2441MHz	Pass	2.440974G	2.441976G	1.002M	824.508k
2480MHz	Pass	2.478975G	2.479977G	1.002M	824.508k

2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.401974G	2.402979G	1.005M	611.721k

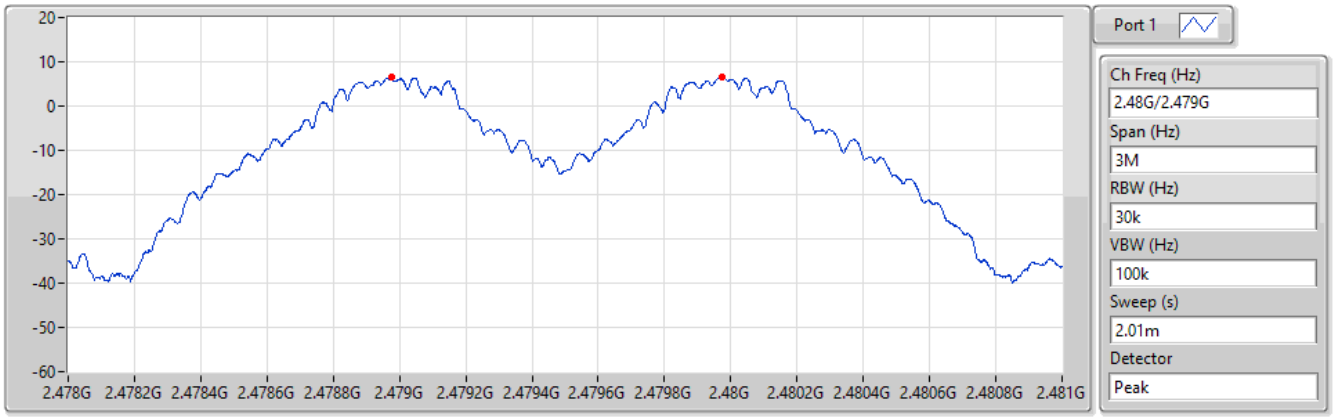
2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

2.441G/2.442GHz

Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440977G	2.441977G	1.0005M	611.721k

2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

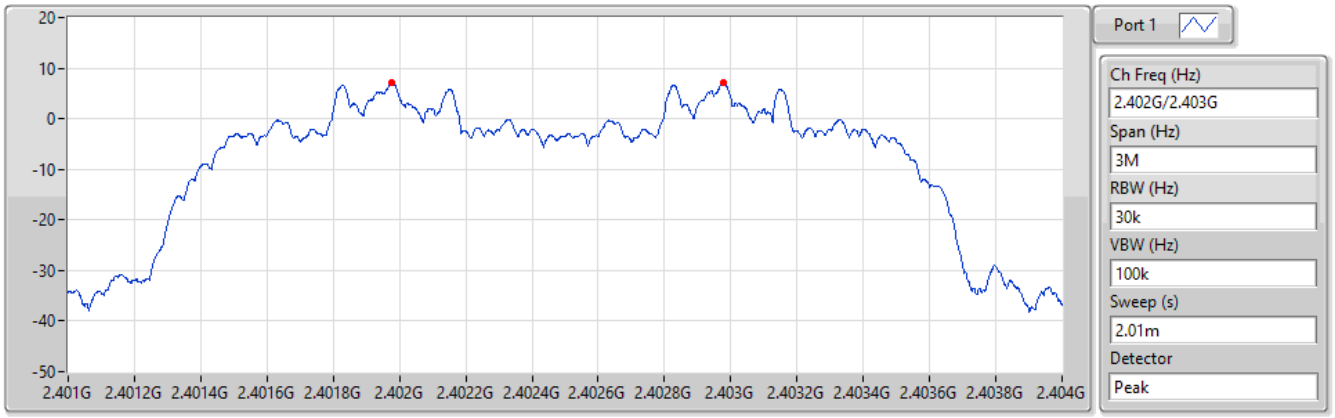
2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.478975G	2.479976G	1.0005M	611.721k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

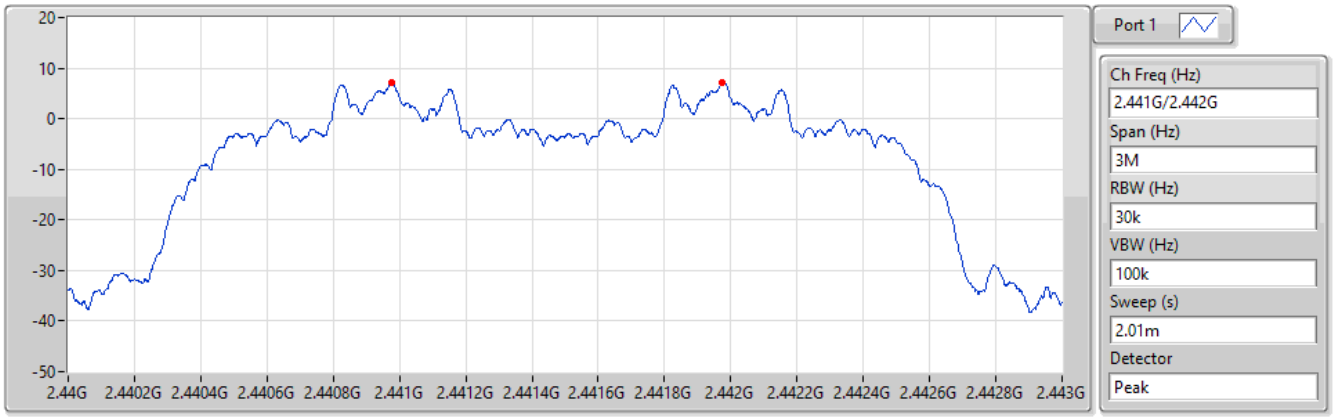
2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.401977G	2.402977G	1.0005M	817.182k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

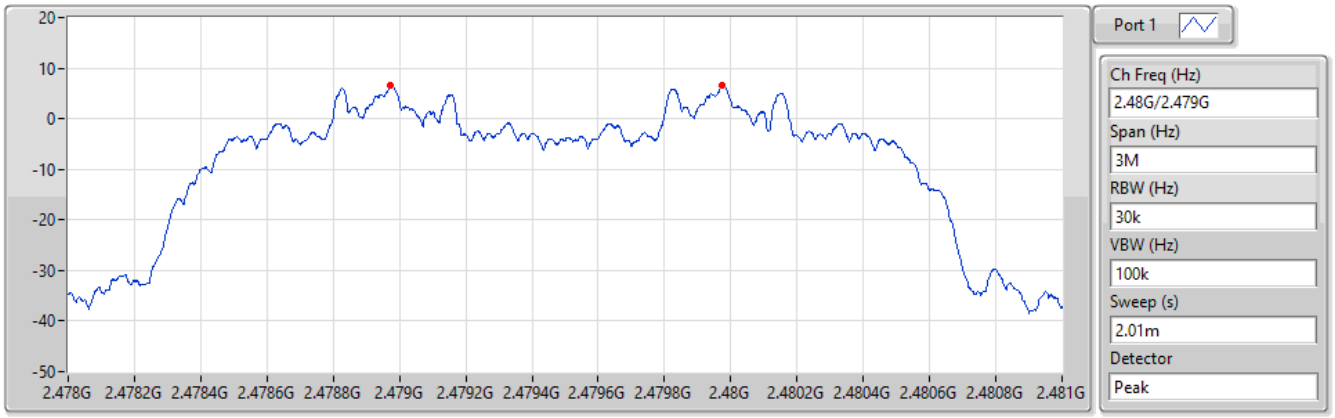
2.441G/2.442GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440975G	2.441976G	1.0005M	817.182k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

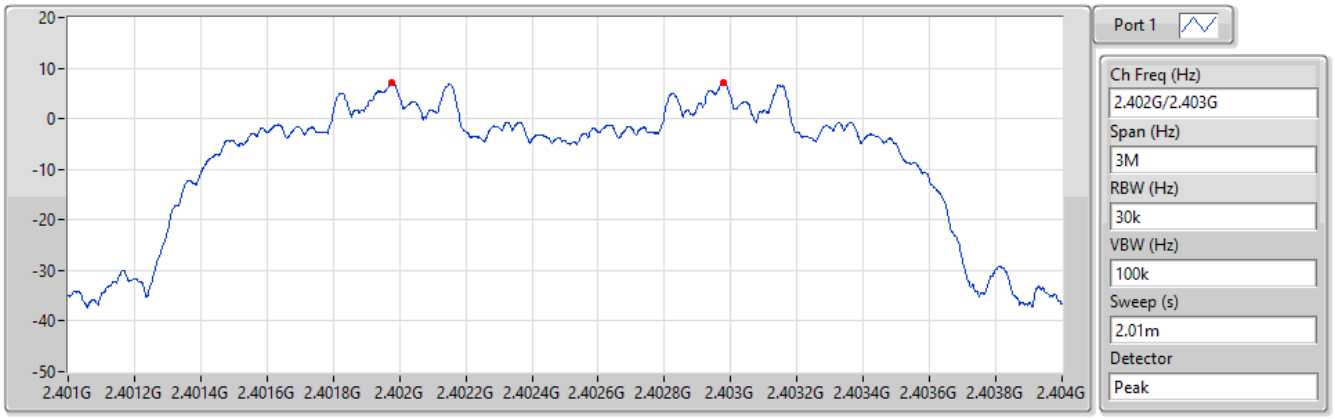
2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.478974G	2.479976G	1.002M	822.51k

2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

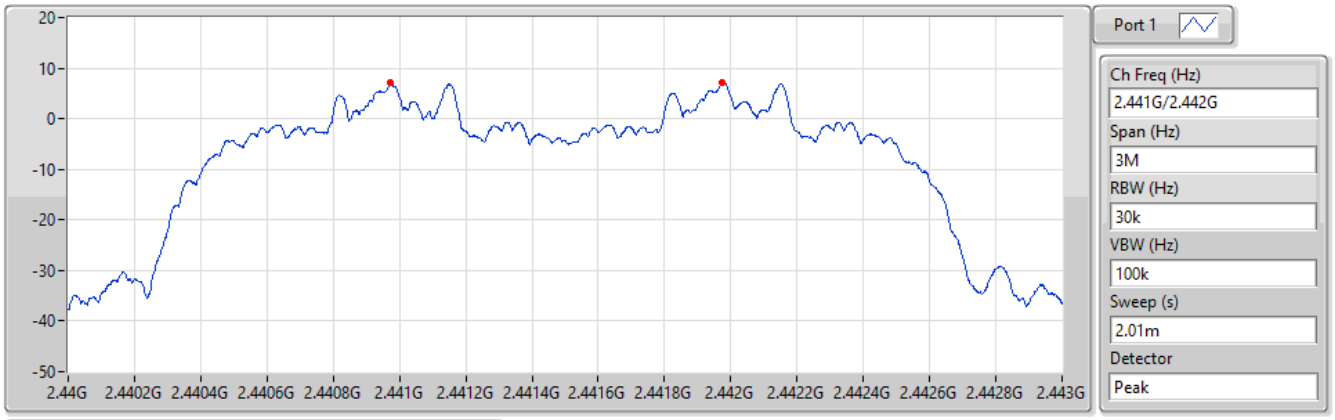
2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.401975G	2.402977G	1.002M	824.508k

2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

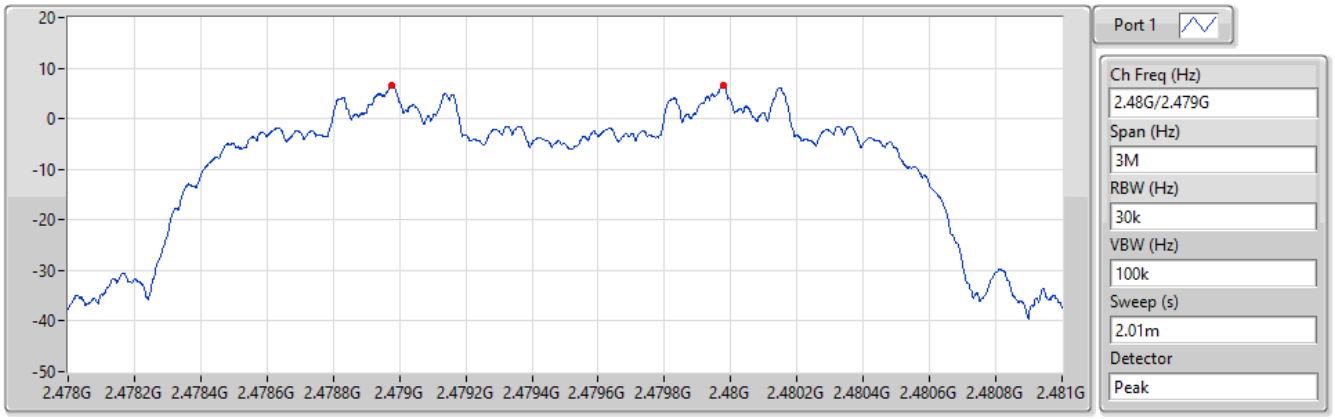
2.441G/2.442GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440974G	2.441976G	1.002M	824.508k

2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.478975G	2.479977G	1.002M	824.508k

Summary

2.4-2.4835GHz	**-**
BT-BR-AFH(1Mbps)	300.014m_DH5-AFH
BT-BR-Non AFH(1Mbps)	310.15242m_DH5
BT-EDR-AFH(2Mbps)	312.228m_DH5-AFH
BT-EDR-Non AFH(2Mbps)	310.79706m_DH5
BT-EDR-AFH(3Mbps)	289.55m_DH5-AFH
BT-EDR-Non AFH(3Mbps)	310.7702m_DH5

Result

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	0.31015	0.4	2.88675	17
BT-EDR-Non AFH(2Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	31.6	0.31080	0.4	2.89275	17
BT-EDR-Non AFH(3Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	31.6	0.31077	0.4	2.89250	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

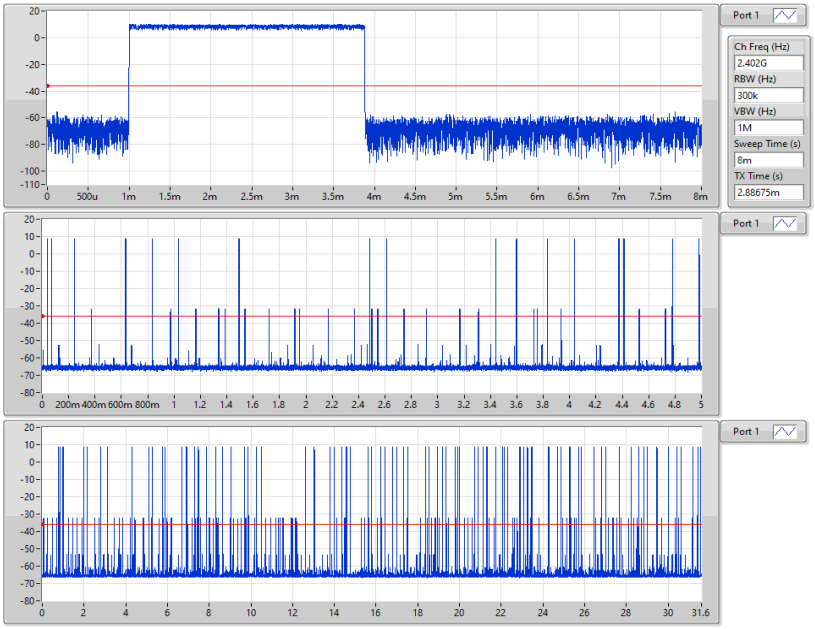
Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (ms)	Number of transmission in a 2 s
BT-BR-AFH(1Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.30001	0.4	2.88475	26
BT-EDR-AFH(2Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.31223	0.4	2.89100	27
BT-EDR-AFH(3Mbps)	-	-	-	-	-	-
2402MHz_DH5	PASS	8	0.28955	0.4	2.89550	25

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

Note 2: DH5 was the worst mode.

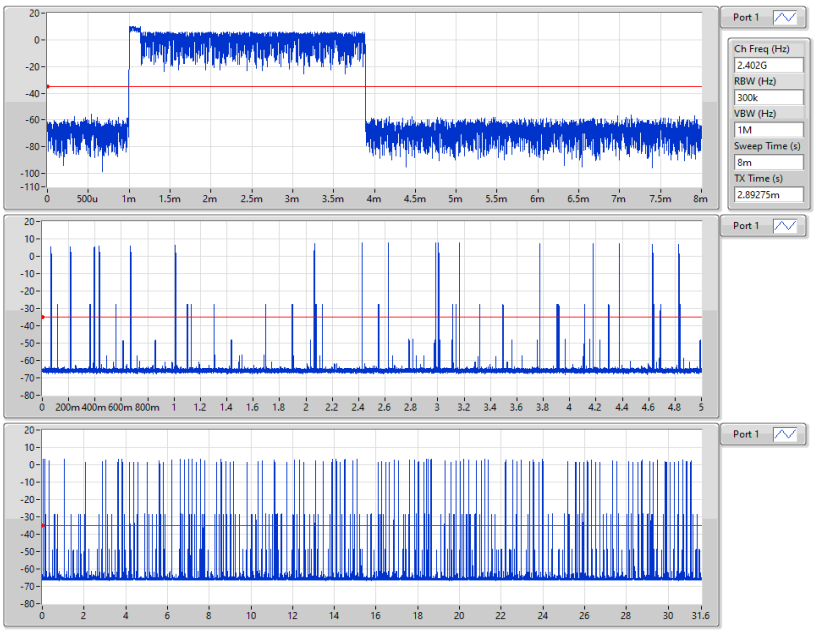
2.4-2.4835GHz_BT-BR-Non AFH(1Mbps) **Dwell-FS**

2402MHz



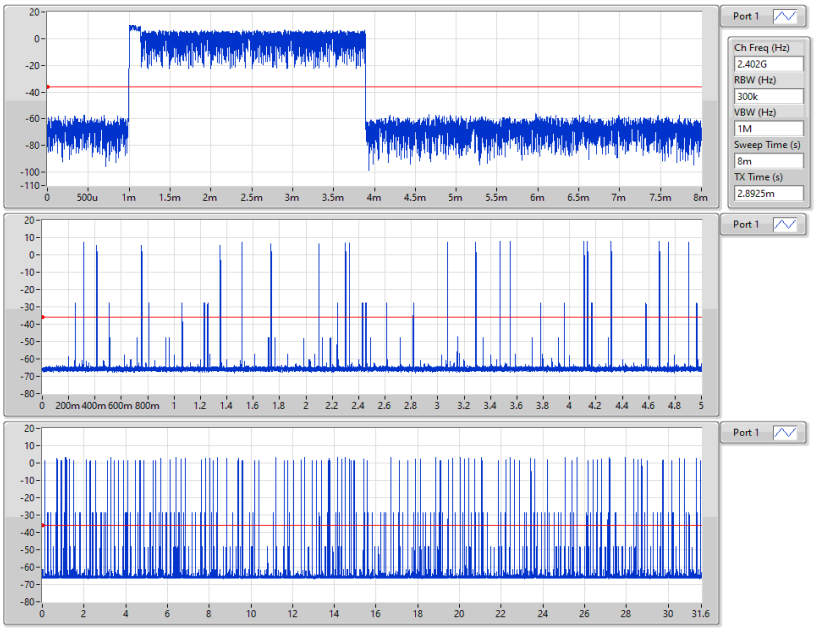
2.4-2.4835GHz_BT-EDR-Non AFH(2Mbps) **Dwell-FS**

2402MHz



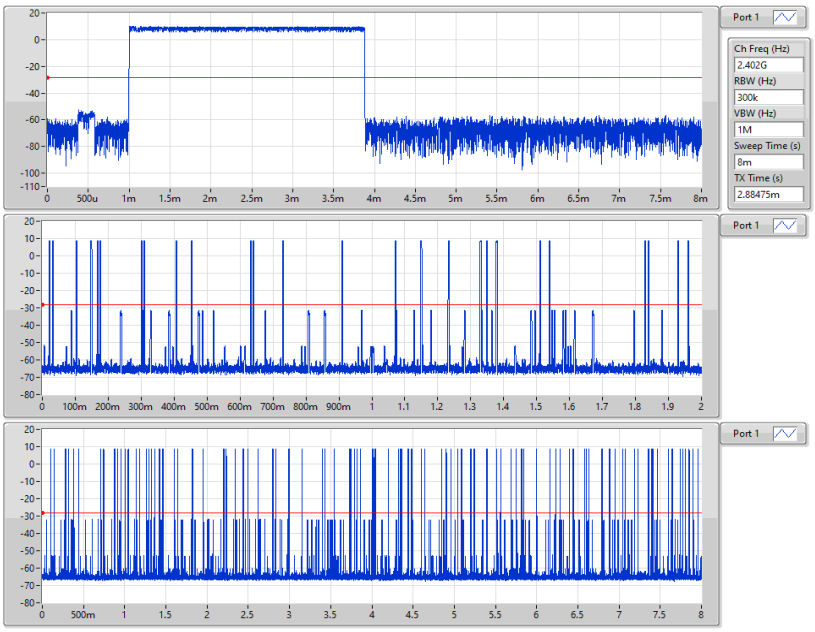
2.4-2.4835GHz_BT-EDR-Non AFH(3Mbps) **Dwell-FS**

2402MHz



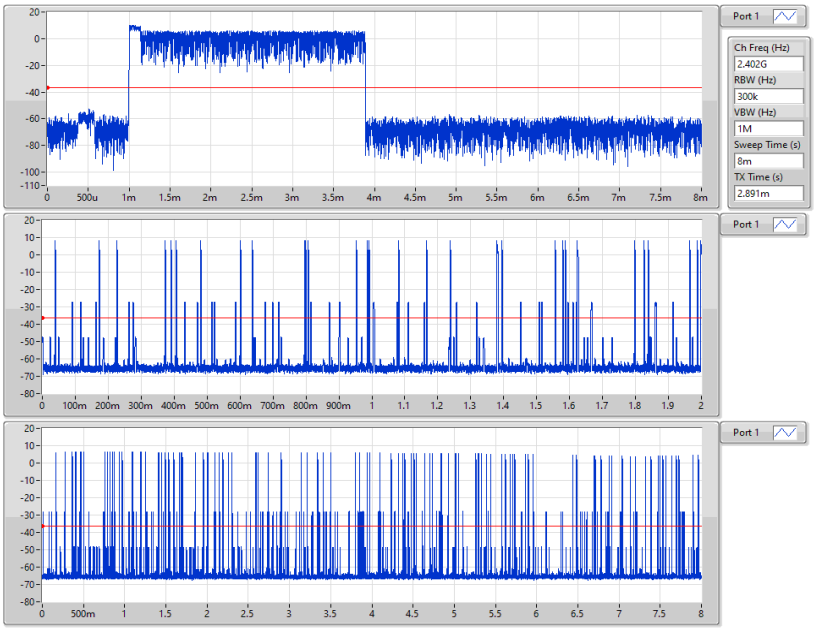
2.4-2.4835GHz_BT-BR-AFH(1Mbps) **Dwell-FS**

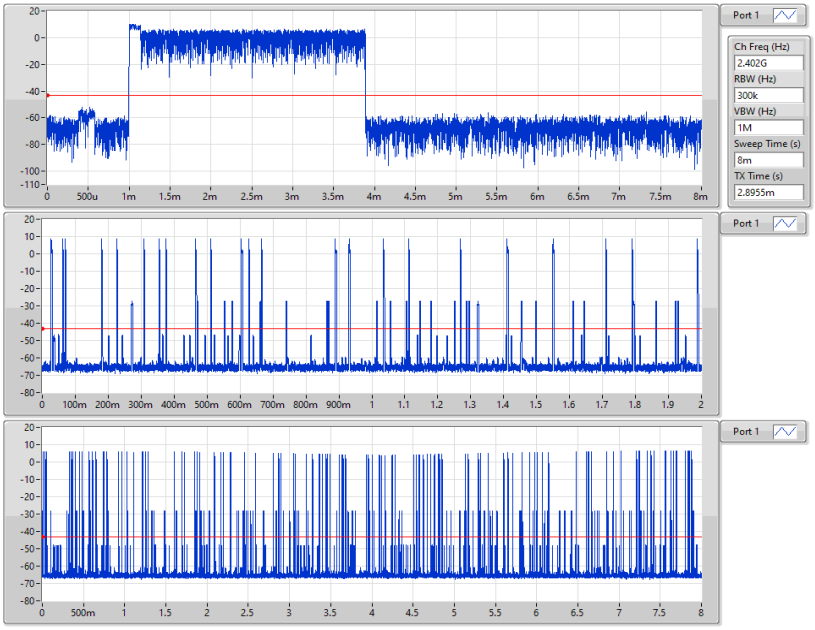
2402MHz



2.4-2.4835GHz_BT-EDR-AFH(2Mbps) **Dwell-FS**

2402MHz



2.4-2.4835GHz_BT-EDR-AFH(3Mbps) **Dwell-FS**

2402MHz