

# FCC Test Report

**FCC ID** : IPH-02451  
**Equipment** : gWind Wireless 2  
**Model No.** : A02451  
**Brand Name** : GARMIN  
**Applicant** : Garmin International  
**Address** : 1200 E. 151st Street Olathe, KS 66062  
**Standard** : 47 CFR FCC Part 15.249  
**Received Date** : Mar. 11, 2016  
**Tested Date** : Mar. 30, 2016

We, International Certification Corp., 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 may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Approved & Reviewed by:

  
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Gary Chang / Manager



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## Release Record

Report No.	Version	Description	Issued Date
FR631101	Rev. 01	Initial issue	Apr. 15, 2016

## Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	Note <sup>1</sup>	N/A
15.249(a)	Field Strength of Fundamental	Meet the requirement of limit	Pass
15.249(a)(d)	Field Strength of Harmonics and Emissions Radiated outside of the Specified Frequency Bands	Meet the requirement of limit	Pass
15.215(c)	20dB bandwidth	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

N/A means Not Applicable.  
Note<sup>1</sup>: The EUT consumes DC power from battery, so the test is not required.

# 1 General Description

## 1.1 Information

### 1.1.1 Specification of the Equipment under Test (EUT)

RF General Information				
Frequency Range (MHz)	Modulation	Ch. Freq. (MHz)	Channel Number	Data Rate
2402-2480	GFSK	2402-2479	1-78 [78]	1 Mbps

### 1.1.2 Antenna Details

Ant. No.	Model	Type	Gain (dBi)	Connector
1	105-02973-10	PCB	4.57	---

### 1.1.3 Power Supply Type of Equipment under Test (EUT)

<b>Power Supply Type</b>	From battery Brand: Garmin Model: 361-00075-00 Rating: 2.4Vdc, 750mAh, 1.8Wh
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### 1.1.4 Accessories

N/A

### 1.1.5 Channel List

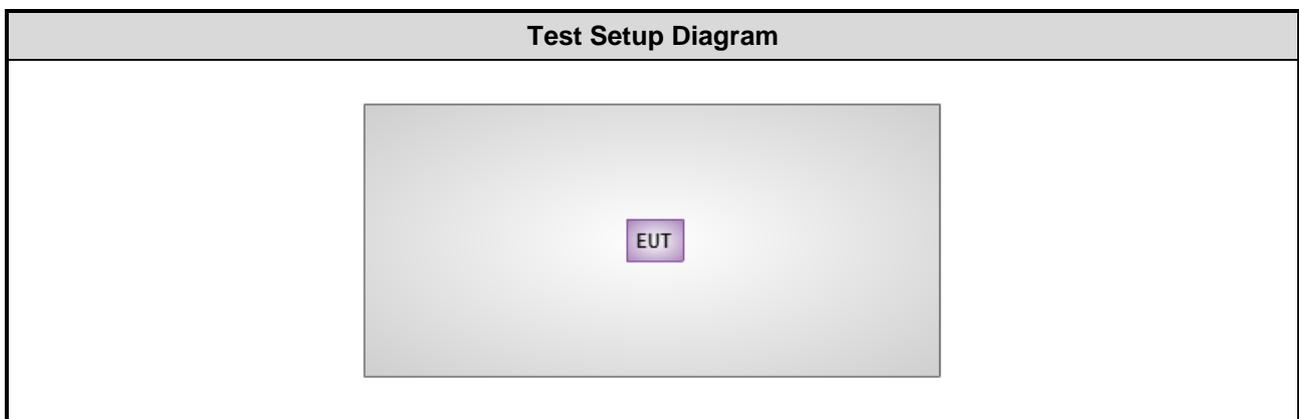
Frequency band (MHz)				2400~2483.5			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2402	21	2422	41	2442	61	2462
2	2403	22	2423	42	2443	62	2463
3	2404	23	2424	43	2444	63	2464
4	2405	24	2425	44	2445	64	2465
5	2406	25	2426	45	2446	65	2466
6	2407	26	2427	46	2447	66	2467
7	2408	27	2428	47	2448	67	2468
8	2409	28	2429	48	2449	68	2469
9	2410	29	2430	49	2450	69	2470
10	2411	30	2431	50	2451	70	2471
11	2412	31	2432	51	2452	71	2472
12	2413	32	2433	52	2453	72	2473
13	2414	33	2434	53	2454	73	2474
14	2415	34	2435	54	2455	74	2475
15	2416	35	2436	55	2456	75	2476
16	2417	36	2437	56	2457	76	2477
17	2418	37	2438	57	2458	77	2478
18	2419	38	2439	58	2459	78	2479
19	2420	39	2440	59	2460	---	---
20	2421	40	2441	60	2461	---	---

## 1.2 Local Support Equipment List

Support Equipment List						
No.	Equipment	Brand	Model	S/N	FCC ID	Signal cable / Length (m)
1	Notebook	DELL	Latitude E6430	9ZFB4X1	DoC	---
2	Fixture	---	---	---	---	---

Note: Fixture was provided by applicant.

## 1.3 Test Setup Chart



Note: The support notebook and fixture were disconnected from EUT and removed from test table when EUT is set to transmit continuously.

## 1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber 3 / (03CH03-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	Agilent	N9010A	MY53400091	Sep. 14, 2015	Sep. 13, 2016
Receiver	Agilent	N9038A	MY53290044	Oct. 14, 2015	Oct. 13, 2016
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-563	Dec. 29, 2015	Dec. 28, 2016
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Feb. 24, 2016	Feb. 23, 2017
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 04, 2015	Nov. 03, 2016
Preamplifier	EMC	EMC02325	980187	Sep. 21, 2015	Sep. 20, 2016
Preamplifier	Agilent	83017A	MY53270014	Sep. 07, 2015	Sep. 06, 2016
Preamplifier	EMC	EMC184045B	980192	Sep. 01, 2015	Aug. 31, 2016
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Feb. 05, 2016	Feb. 04, 2017
RF cable-8M	HUBER+SUHNER	SUCOFLEX104	MY22600/4	Feb. 05, 2016	Feb. 04, 2017
RF cable-1M	HUBER+SUHNER	SUCOFLEX104	MY22624/4	Feb. 05, 2016	Feb. 04, 2017
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Feb. 05, 2016	Feb. 04, 2017
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Feb. 05, 2016	Feb. 04, 2017
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Feb. 05, 2016	Feb. 04, 2017
Measurement Software	AUDIX	e3	6.120210g	NA	NA

Note: Calibration Interval of instruments listed above is one year.

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101063	Feb. 17, 2016	Feb. 16, 2017
Power Meter	Anritsu	ML2495A	1241002	Sep. 21, 2015	Sep. 20, 2016
Power Sensor	Anritsu	MA2411B	1207366	Sep. 21, 2015	Sep. 20, 2016
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA

Note: Calibration Interval of instruments listed above is one year.

## 1.5 Test Standards

According to the specification of EUT, the EUT must comply with following standards and KDB documents.

47 CFR FCC Part 15.249

ANSI C63.10-2013

## 1.6 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ( $k=2$ ))

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	$\pm 34.134$ Hz
Radiated emission $\leq 1$ GHz	$\pm 3.66$ dB
Radiated emission $> 1$ GHz	$\pm 5.37$ dB

## 2 Test Configuration

### 2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH03-WS	21°C / 62%	Warren Lee
RF Conducted	TH01-WS	21°C / 62%	Warren Lee

➤ FCC site registration No.: 207696

➤ IC site registration No.: 10807C-1

### 2.2 The Worst Test Modes and Channel Details

Test item	Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Field Strength of Fundamental	GFSK	2402, 2460, 2479	1 Mbps	---
Radiated Emissions ≤ 1GHz	GFSK	2460	1 Mbps	---
Radiated Emissions > 1GHz	GFSK	2402, 2460, 2479	1 Mbps	---
20dB bandwidth	GFSK	2402, 2460, 2479	1 Mbps	---

## 3 Transmitter Test Results

### 3.1 Radiated Emission

This section includes field strength of fundamental, field strength of harmonics and emissions radiated outside of the operating frequency bands.

#### 3.1.1 Limit of field strength of fundamental and field strength of harmonics

Fundamental Frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
2400–2483.5 MHz	50	500

#### 3.1.2 Limit of Unwanted Emissions

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

Radiated emission limits in §15.209			
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.

### 3.1.3 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:

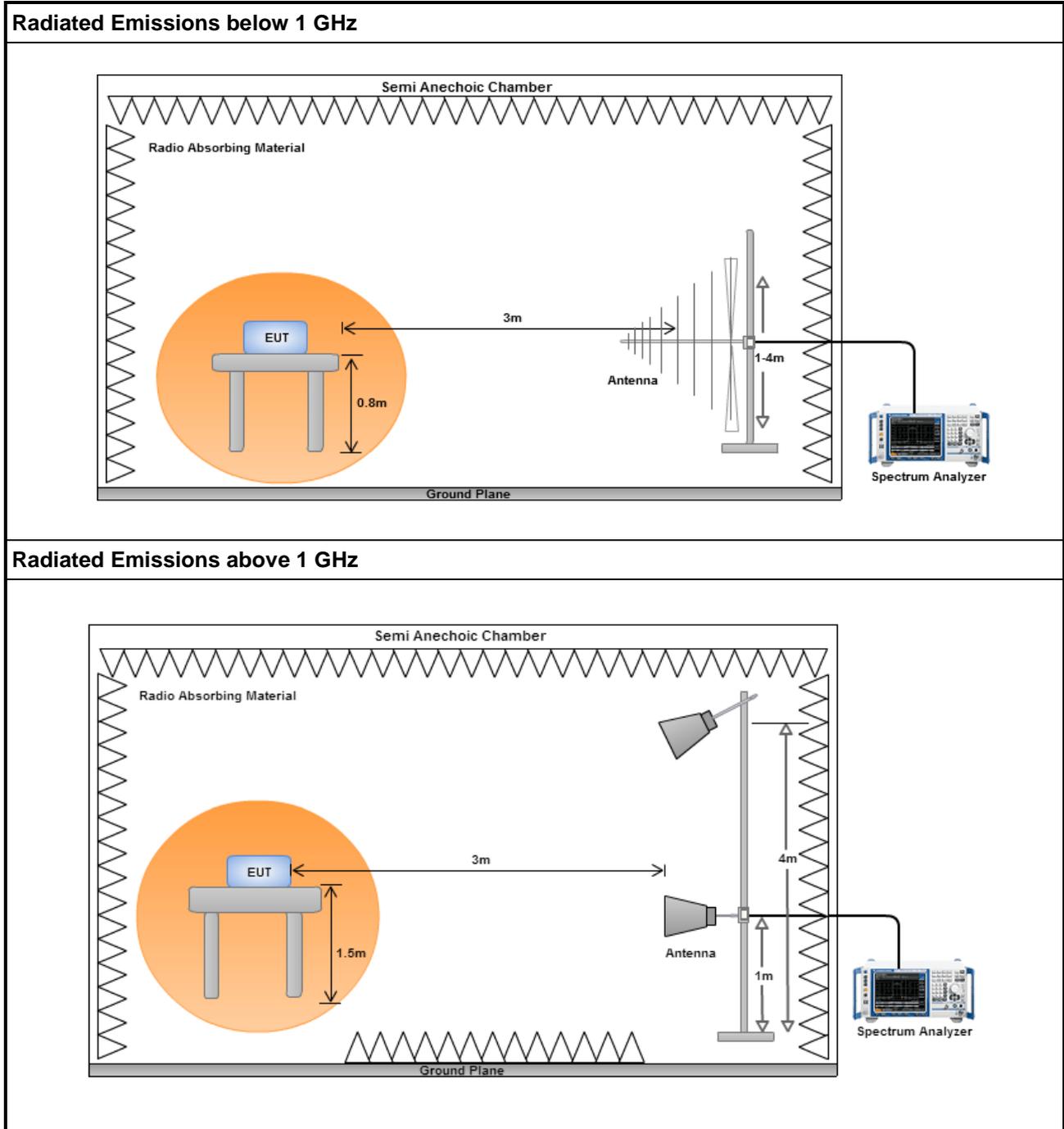
1. Radiated emission below 1GHz  
120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission
2. Radiated emission above 1GHz / Peak value except fundamental  
RBW=1MHz, VBW=3MHz and Peak detector  
Radiated emission above 1GHz / Average value for field strength of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

3. 
$$20\log(\text{Duty cycle}) = 20\log \frac{0.27245\text{ms} \cdot 1}{100 \text{ ms}} = -51.29\text{dB}$$

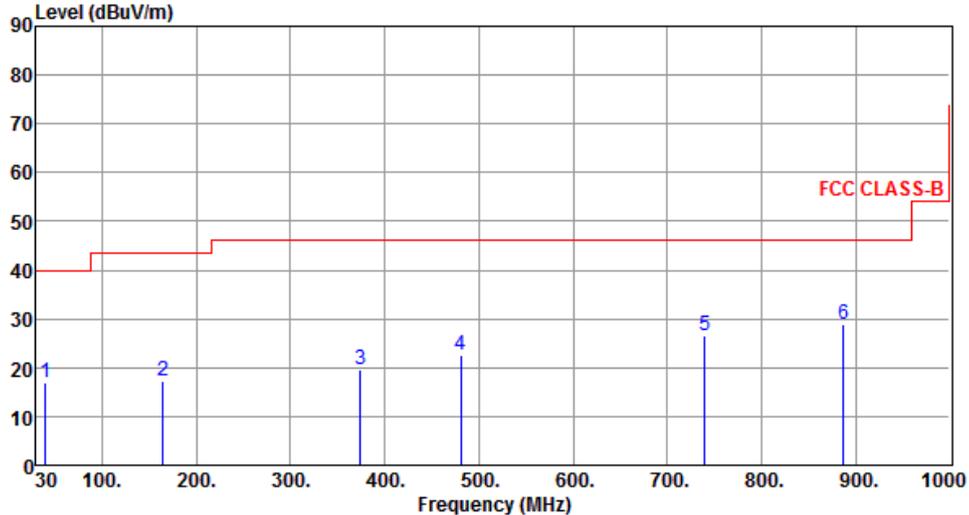
Please see page 22 for plotted duty

4. Radiated emission above 1GHz / Average value for other emissions  
RBW=1MHz, VBW=10Hz and Peak detector
5. Radiated emission Peak value for fundamental  
RBW=3MHz, VBW=10MHz and Peak detector

### 3.1.4 Test Setup

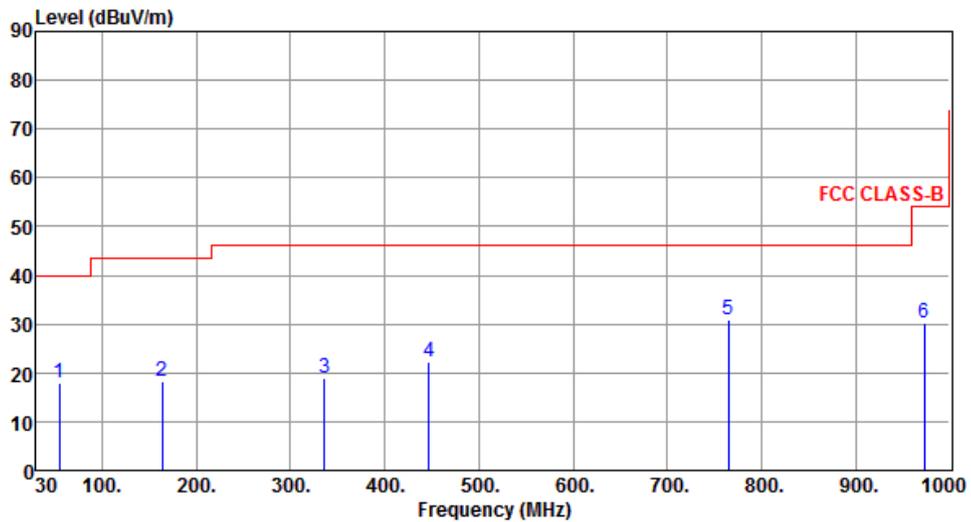


### 3.1.5 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	GFSK	Test Freq. (MHz)	2460						
Polarization	Horizontal								
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	39.70	16.99	40.00	-23.01	30.34	-13.35	Peak	---	---
2	164.83	17.39	43.50	-26.11	30.97	-13.58	Peak	---	---
3	374.35	19.68	46.00	-26.32	30.51	-10.83	Peak	---	---
4	481.05	22.53	46.00	-23.47	30.77	-8.24	Peak	---	---
5	740.04	26.62	46.00	-19.38	30.14	-3.52	Peak	---	---
6	887.48	29.04	46.00	-16.96	30.10	-1.06	Peak	---	---

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

<b>Modulation</b>	GFSK	<b>Test Freq. (MHz)</b>	2460
<b>Polarization</b>	Vertical		



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	54.25	17.92	40.00	-22.08	31.41	-13.49	Peak	---	---
2	163.86	18.27	43.50	-25.23	31.79	-13.52	Peak	---	---
3	336.52	19.05	46.00	-26.95	30.87	-11.82	Peak	---	---
4	447.10	22.26	46.00	-23.74	31.15	-8.89	Peak	---	---
5	765.26	30.98	46.00	-15.02	34.09	-3.11	Peak	---	---
6	972.84	30.09	54.00	-23.91	29.83	0.26	Peak	---	---

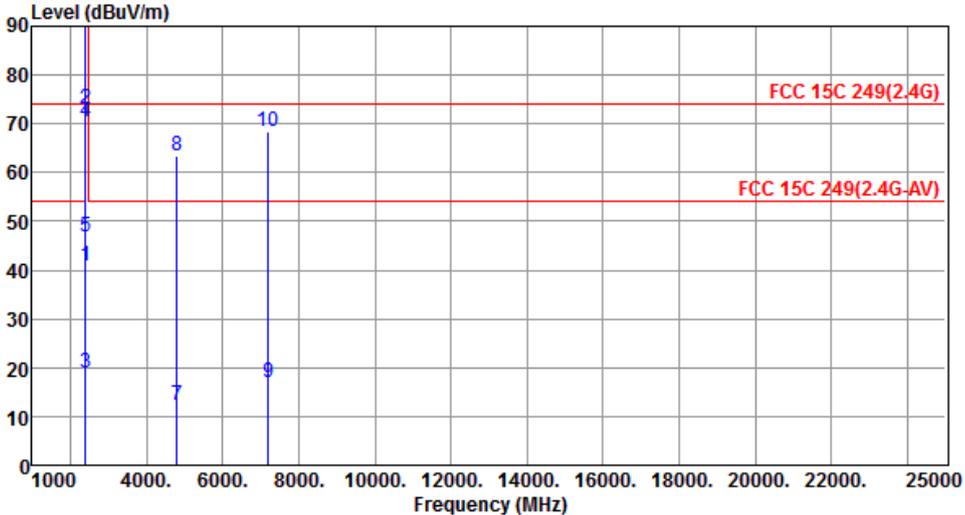
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor\* (dB)

\*Factor includes antenna factor , cable loss and amplifier gain

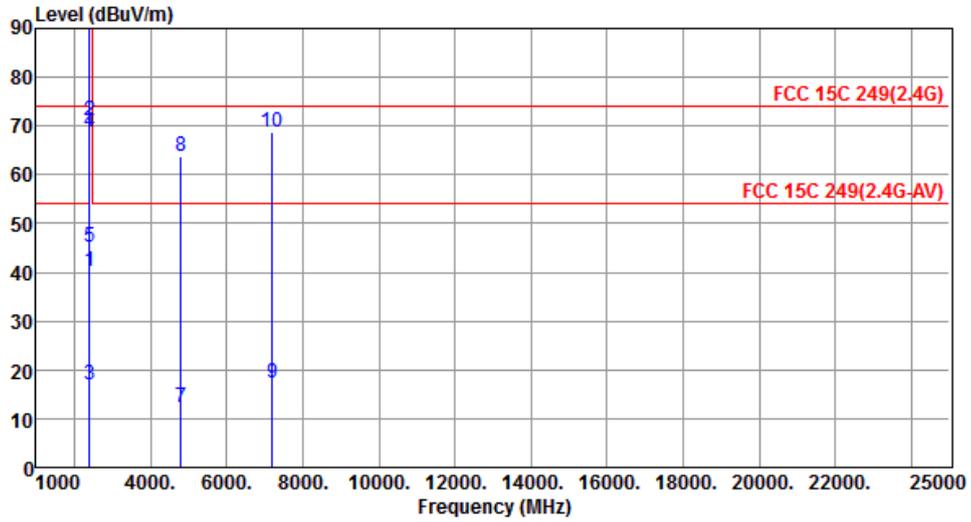
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

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

### 3.1.6 Transmitter Radiated Unwanted Emissions (Above 1GHz) for GFSK

Modulation	GFSK	Test Freq. (MHz)	2402						
Polarization	Horizontal								
									
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg
1	2398.00	40.79	54.00	-13.21	41.85	-1.06	Average	136	201
2	2398.00	72.92	74.00	-1.08	73.98	-1.06	Peak	136	201
3	2400.00	19.06	54.00	-34.94	20.11	-1.05	Average	136	201
4	2400.00	70.35	74.00	-3.65	71.40	-1.05	Peak	136	201
5	2402.00	46.91	94.00	-47.09	47.95	-1.04	Average	136	201
6	2402.00	98.20	114.00	-15.80	99.24	-1.04	Peak	136	201
7	4804.00	12.14	54.00	-41.86	6.89	5.25	Average	136	201
8	4804.00	63.43	74.00	-10.57	58.18	5.25	Peak	136	201
9	7206.00	17.06	54.00	-36.94	6.99	10.07	Average	124	325
10	7206.00	68.35	74.00	-5.65	58.28	10.07	Peak	124	325
<p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)            *Factor includes antenna factor , cable loss and amplifier gain            Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p>									

<b>Modulation</b>	GFSK	<b>Test Freq. (MHz)</b>	2402
<b>Polarization</b>	Vertical		



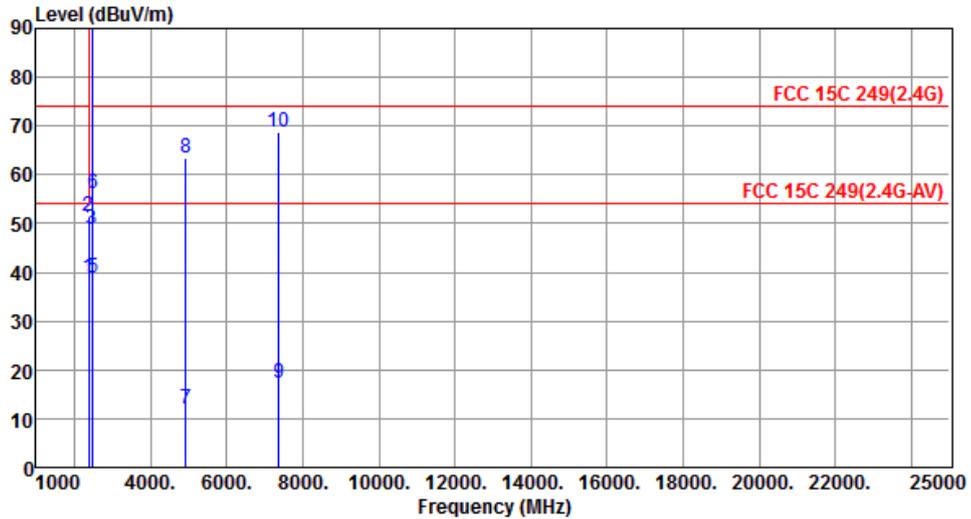
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2398.00	40.16	54.00	-13.84	41.22	-1.06	Average	100	188
2	2398.00	71.05	74.00	-2.95	72.11	-1.06	Peak	100	188
3	2400.00	16.98	54.00	-37.02	18.03	-1.05	Average	100	188
4	2400.00	68.63	74.00	-5.37	69.68	-1.05	Peak	100	188
5	2402.00	45.19	94.00	-48.81	46.23	-1.04	Average	100	188
6	2402.00	96.48	114.00	-17.52	97.52	-1.04	Peak	100	188
7	4804.00	12.35	54.00	-41.65	7.10	5.25	Average	152	292
8	4804.00	63.64	74.00	-10.36	58.39	5.25	Peak	152	292
9	7206.00	17.30	54.00	-36.70	7.23	10.07	Average	157	203
10	7206.00	68.59	74.00	-5.41	58.52	10.07	Peak	157	203

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

\*Factor includes antenna factor , cable loss and amplifier gain

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

<b>Modulation</b>	GFSK	<b>Test Freq. (MHz)</b>	2460
<b>Polarization</b>	Horizontal		



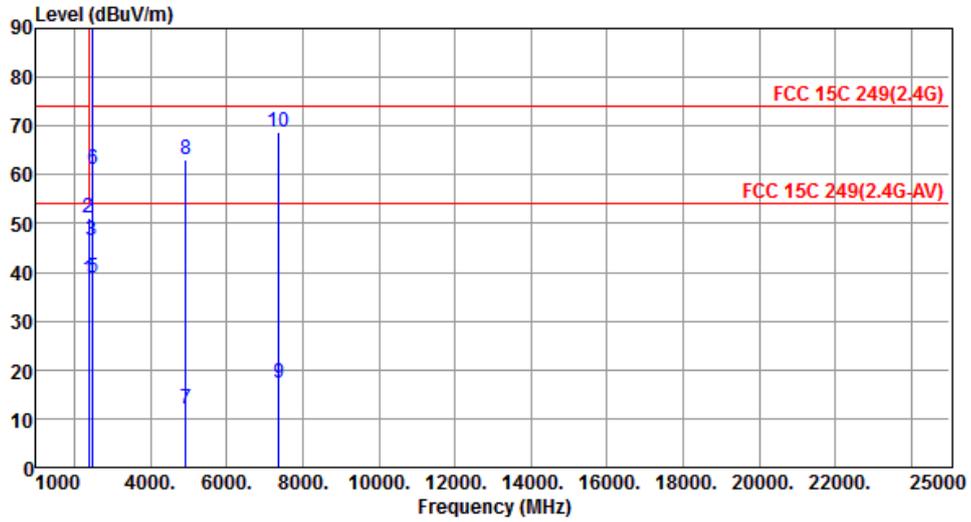
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	38.79	54.00	-15.21	39.89	-1.10	Average	128	204
2	2390.00	51.42	74.00	-22.58	52.52	-1.10	Peak	128	204
3	2460.00	48.72	94.00	-45.28	49.46	-0.74	Average	128	204
4	2460.00	100.01	114.00	-13.99	100.75	-0.74	Peak	128	204
5	2483.50	38.73	54.00	-15.27	39.34	-0.61	Average	128	204
6	2483.50	55.97	74.00	-18.03	56.58	-0.61	Peak	128	204
7	4920.00	12.01	54.00	-41.99	6.47	5.54	Average	134	225
8	4920.00	63.30	74.00	-10.70	57.76	5.54	Peak	134	225
9	7380.00	17.42	54.00	-36.58	7.03	10.39	Average	110	221
10	7380.00	68.71	74.00	-5.29	58.32	10.39	Peak	110	221

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

\*Factor includes antenna factor , cable loss and amplifier gain

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

<b>Modulation</b>	GFSK	<b>Test Freq. (MHz)</b>	2460
<b>Polarization</b>	Vertical		



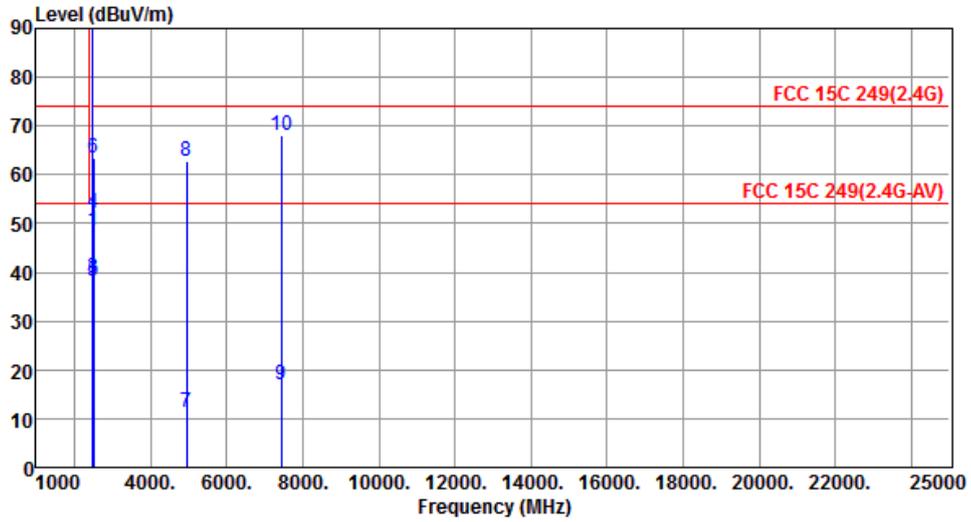
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2390.00	38.45	54.00	-15.55	39.55	-1.10	Average	100	192
2	2390.00	51.07	74.00	-22.93	52.17	-1.10	Peak	100	192
3	2460.00	46.62	94.00	-47.38	47.36	-0.74	Average	100	192
4	2460.00	97.91	114.00	-16.09	98.65	-0.74	Peak	100	192
5	2483.50	38.97	54.00	-15.03	39.58	-0.61	Average	100	192
6	2483.50	61.16	74.00	-12.84	61.77	-0.61	Peak	100	192
7	4920.00	11.97	54.00	-42.03	6.43	5.54	Average	150	226
8	4920.00	63.26	74.00	-10.74	57.72	5.54	Peak	150	226
9	7380.00	17.36	54.00	-36.64	6.97	10.39	Average	102	343
10	7380.00	68.65	74.00	-5.35	58.26	10.39	Peak	102	343

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

\*Factor includes antenna factor , cable loss and amplifier gain

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

<b>Modulation</b>	GFSK	<b>Test Freq. (MHz)</b>	2479
<b>Polarization</b>	Horizontal		



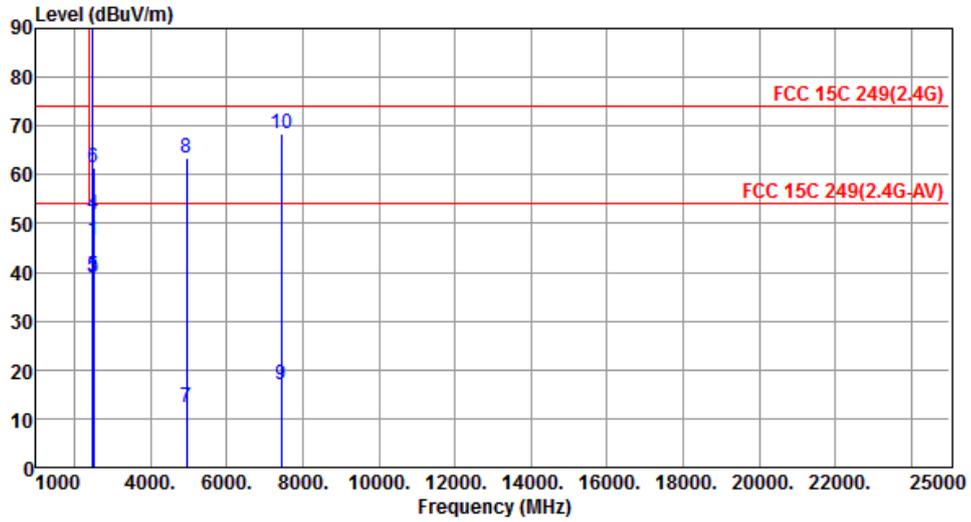
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2479.00	48.63	94.00	-45.37	49.27	-0.64	Average	148	203
2	2479.00	99.92	114.00	-14.08	100.56	-0.64	Peak	148	203
3	2483.50	38.97	54.00	-15.03	39.58	-0.61	Average	148	203
4	2483.50	51.98	74.00	-22.02	52.59	-0.61	Peak	148	203
5	2516.00	38.24	54.00	-15.76	38.71	-0.47	Average	148	203
6	2516.00	63.48	74.00	-10.52	63.95	-0.47	Peak	148	203
7	4958.00	11.39	54.00	-42.61	5.77	5.62	Average	135	320
8	4958.00	62.68	74.00	-11.32	57.06	5.62	Peak	135	320
9	7437.00	16.85	54.00	-37.15	6.30	10.55	Average	126	217
10	7437.00	68.14	74.00	-5.86	57.59	10.55	Peak	126	217

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

\*Factor includes antenna factor , cable loss and amplifier gain

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

<b>Modulation</b>	GFSK	<b>Test Freq. (MHz)</b>	2479
<b>Polarization</b>	Vertical		

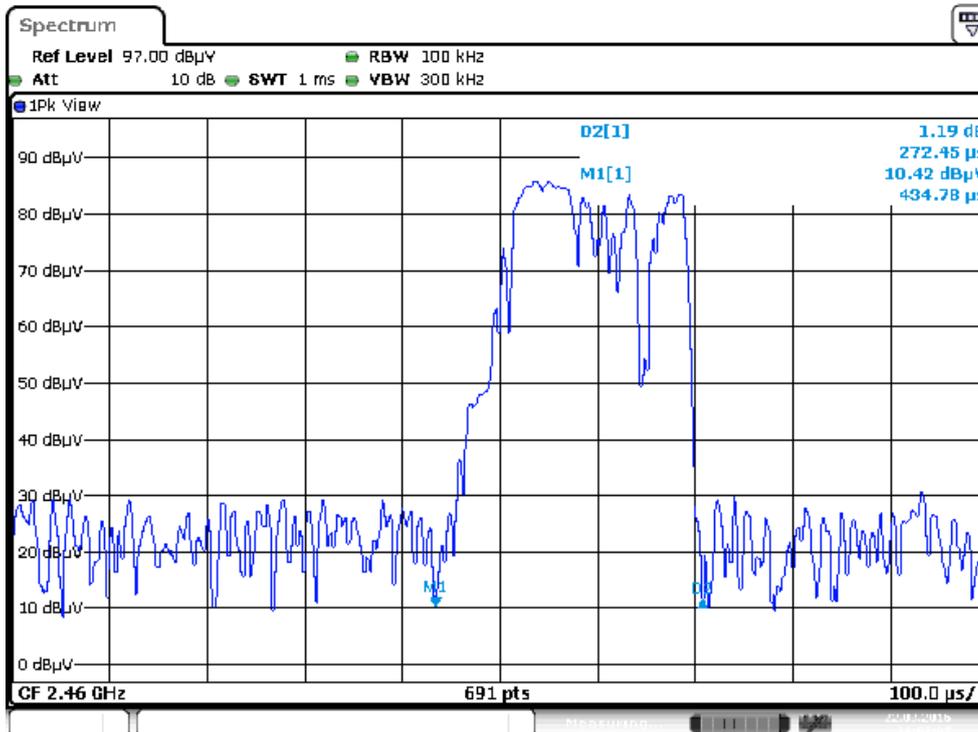
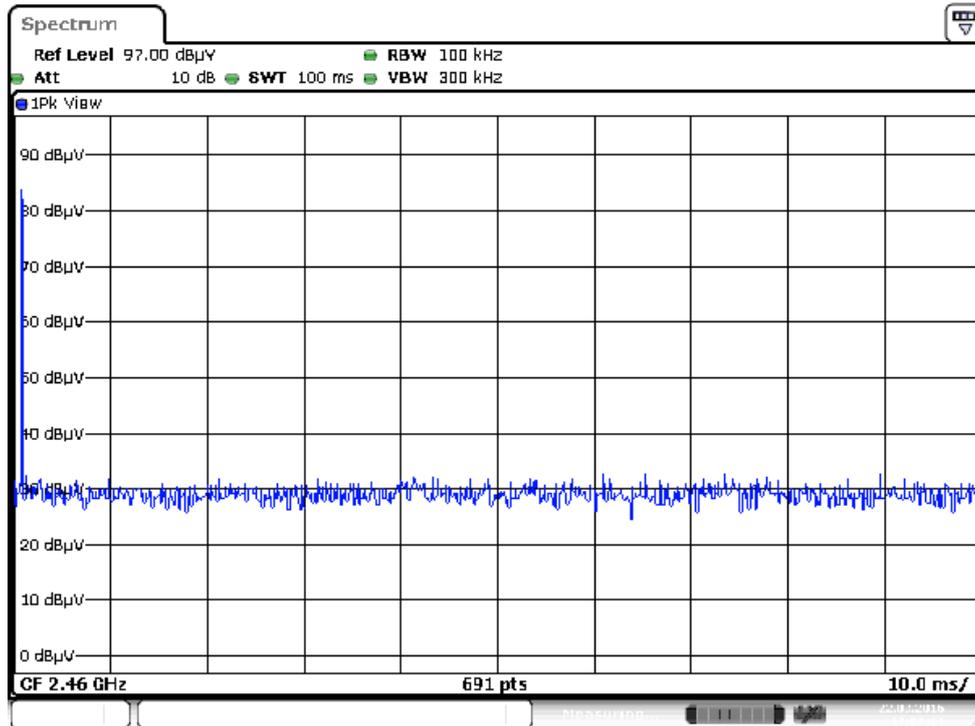


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2479.00	46.52	94.00	-47.48	47.16	-0.64	Average	100	192
2	2479.00	97.81	114.00	-16.19	98.45	-0.64	Peak	100	192
3	2483.50	38.97	54.00	-15.03	39.58	-0.61	Average	100	192
4	2483.50	51.64	74.00	-22.36	52.25	-0.61	Peak	100	192
5	2516.00	39.08	54.00	-14.92	39.55	-0.47	Average	100	192
6	2516.00	61.34	74.00	-12.66	61.81	-0.47	Peak	100	192
7	4958.00	12.26	54.00	-41.74	6.64	5.62	Average	126	147
8	4958.00	63.55	74.00	-10.45	57.93	5.62	Peak	126	147
9	7437.00	16.97	54.00	-37.03	6.42	10.55	Average	100	352
10	7437.00	68.26	74.00	-5.74	57.71	10.55	Peak	100	352

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

\*Factor includes antenna factor , cable loss and amplifier gain

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



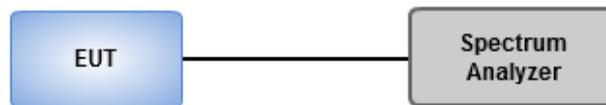
$$20\log(\text{Duty cycle}) = 20\log\left(\frac{0.27245\text{ms} * 1}{100\text{ms}}\right) = -51.29\text{dB}$$

## 3.2 20dB and Occupied Bandwidth

### 3.2.1 Test Procedures

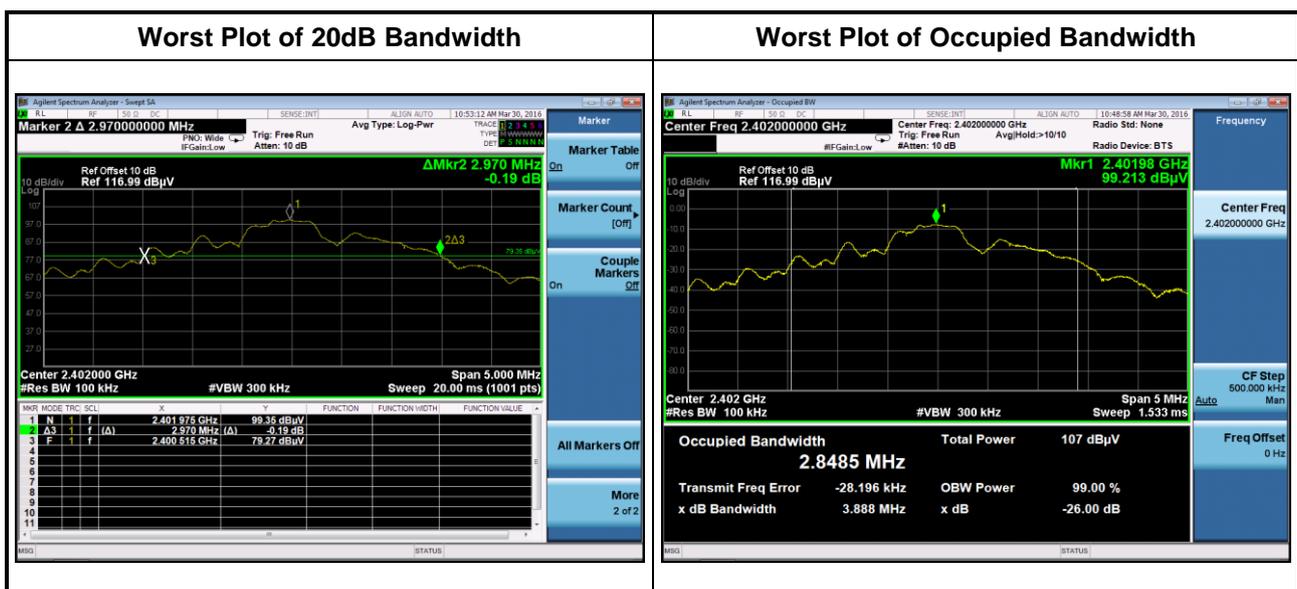
1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth = 300 kHz.
2. Detector = Peak(20 dB bandwidth) / Sample(Occupied bandwidth), Trace mode = max hold
3. Sweep = auto couple, Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 20dB relative to the maximum level measured in the fundamental emission.
5. Use the occupied measurement function of spectrum analyzer to measure 99% occupied bandwidth

### 3.2.2 Test Setup



### 3.2.3 20dB and Occupied Bandwidth

Freq. (MHz)	20dB Bandwidth (MHz)	Occupied Bandwidth (MHz)
2402	2.97	2.85
2460	1.80	1.72
2479	1.53	1.37



## 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 Corp, 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 Hsiang. Location map can be found on our website <http://www.icertifi.com.tw>.

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Hsien 333, Taiwan, R.O.C.

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