

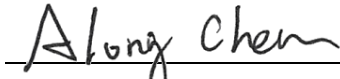
FCC Co-Location Test Report

FCC ID : IPH-03958
Equipment : Smart Watch
Model No. : A03958
Brand Name : GARMIN
Applicant : Garmin International, Inc.
Address : 1200 E. 151st Street Olathe, KS 66062 United States
Standard : 47 CFR FCC Part 15.247
47 CFR FCC Part 15.225
Received Date : Apr. 30, 2020
Tested Date : Jun. 22, 2020

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.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

Reviewed by:



Along Chen / Assistant Manager

Approved by:



Gary Chang / Manager



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Release Record

Report No.	Version	Description	Issued Date
FR051401CO	Rev. 01	Initial issue	Jul. 01, 2020

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.247(d) 15.209	Radiated Emissions	[dBuV/m at 3m]: 2371.32MHz 40.04 (Margin -13.96dB) - AV	Pass

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)

WLAN	
Operating Frequency	802.11b/g/n: 2412 MHz ~ 2462 MHz
Antenna Type	Slot antenna
Modulation Type	802.11b: DSSS (DBPSK/DQPSK/CCK) 802.11g/n: OFDM (BPSK/QPSK/16QAM/64QAM)
Bluetooth	
Operating Frequency	2402 MHz ~ 2480 MHz
Antenna Type	Slot antenna
Modulation Type	Bluetooth LE: GFSK Bluetooth BR(1Mbps): GFSK Bluetooth EDR (2Mbps): $\pi/4$ -DQPSK Bluetooth EDR (3Mbps): 8-DPSK
NFC	
Operating Frequency	13.56 MHz
Antenna Type	Loop antenna
Modulation Type	BPSK
ANT+	
Operating Frequency	2402 MHz ~ 2480 MHz
Antenna Type	Slot antenna
Modulation Type	GFSK

1.1.2 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	5Vdc from host 3.87Vdc from battery
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1.1.3 Accessories

Accessories		
No.	Equipment	Description
1	Battery	Brand: GARMIN Model: 361-00136-10 Rating: 3.87Vdc, 195mAh
2	USB cable	Brand: GARMIN Model: 320-01069-10 Power line: 0.52m shielded without core

1.2 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101498	Dec. 17, 2019	Dec. 16, 2020
Receiver	R&S	ESR3	101657	Feb. 14, 2020	Feb. 13, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 12, 2019	Jul. 11, 2020
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 12, 2019	Dec. 11, 2020
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 15, 2019	Nov. 14, 2020
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 13, 2019	Nov. 12, 2020
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 07, 2019	Oct. 06, 2020
Preamplifier	EMC	EMC02325	980225	Jul. 09, 2019	Jul. 08, 2020
Preamplifier	Agilent	83017A	MY39501308	Oct. 08, 2019	Oct. 07, 2020
Preamplifier	EMC	EMC184045B	980192	Aug. 01, 2019	Jul. 31, 2020
RF Cable	EMC	EMC104-SM-SM-8000	181106	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 07, 2019	Oct. 06, 2020
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 07, 2019	Oct. 06, 2020
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 07, 2019	Oct. 06, 2020
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-002	Oct. 07, 2019	Oct. 06, 2020
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.3 Test Standards

47 CFR FCC Part 15.247
47 CFR FCC Part 15.225
ANSI C63.10-2013

1.4 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

1.5 Deviation from Test Standard and Measurement Procedure

None

1.6 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
Radiated emission $\leq$ 1GHz	± 3.41 dB
Radiated emission $>$ 1GHz	± 4.59 dB

2 Test Configuration

2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
Radiated Emissions	03CH01-WS	25°C / 65%	Akun Chung

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

2.2 Testing Facility

Test Laboratory	International Certification Corp.
Test Site	03CH01-WS
Address of Test Site	No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan District, Tao Yuan City 333, Taiwan, R.O.C.

2.3 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Channel	Test Configuration
Radiated emission $\leq$ 1GHz	WLAN 2.4G 11g + NFC	2412MHz + 13.56MHz	---
	BT EDR(GFSK) + NFC	2402MHz + 13.56MHz	---
	BT LE + NFC	2402MHz + 13.56MHz	---
	NFC + ANT+	13.56MHz + 2402MHz	---
Radiated emission $>$ 1GHz	WLAN 2.4G 11g + NFC	2412MHz + 13.56MHz	---
	BT EDR(GFSK) + NFC	2402MHz + 13.56MHz	---
	NFC + ANT+	13.56MHz + 2402MHz	---

NOTE:

- The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** result was found as the worst case and was shown in this report.
- The selected channel is the maximum power channel of WLAN 2.4G, Bluetooth and ANT+ mode

3 Transmitter Test Results

3.1 Unwanted Emissions into Restricted Frequency Bands

3.1.1 Limit of Unwanted Emissions into Restricted Frequency Bands

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

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

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

3.1.2 Test Procedures

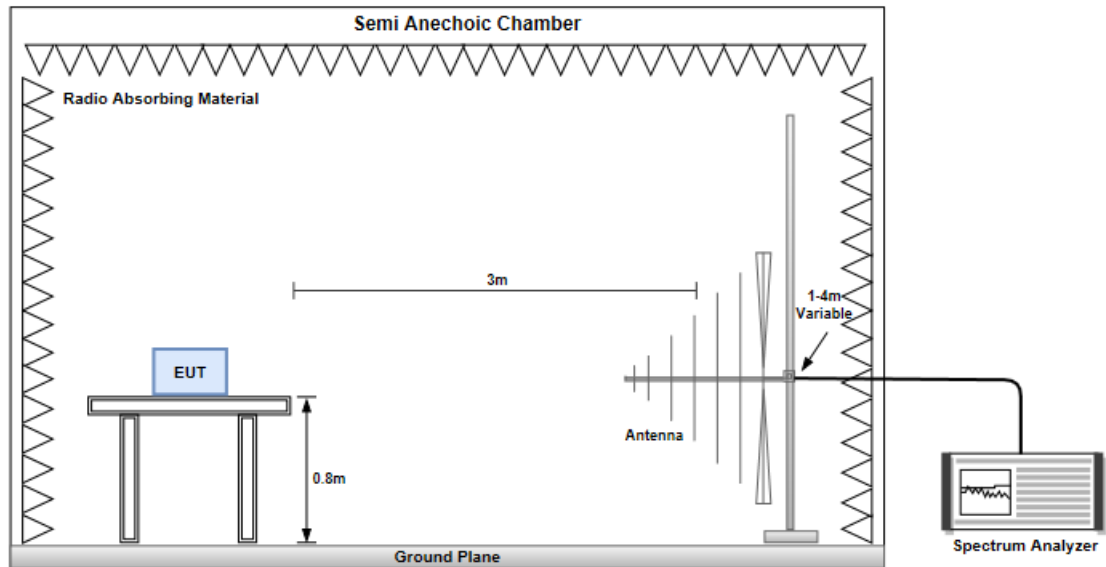
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission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

Note:

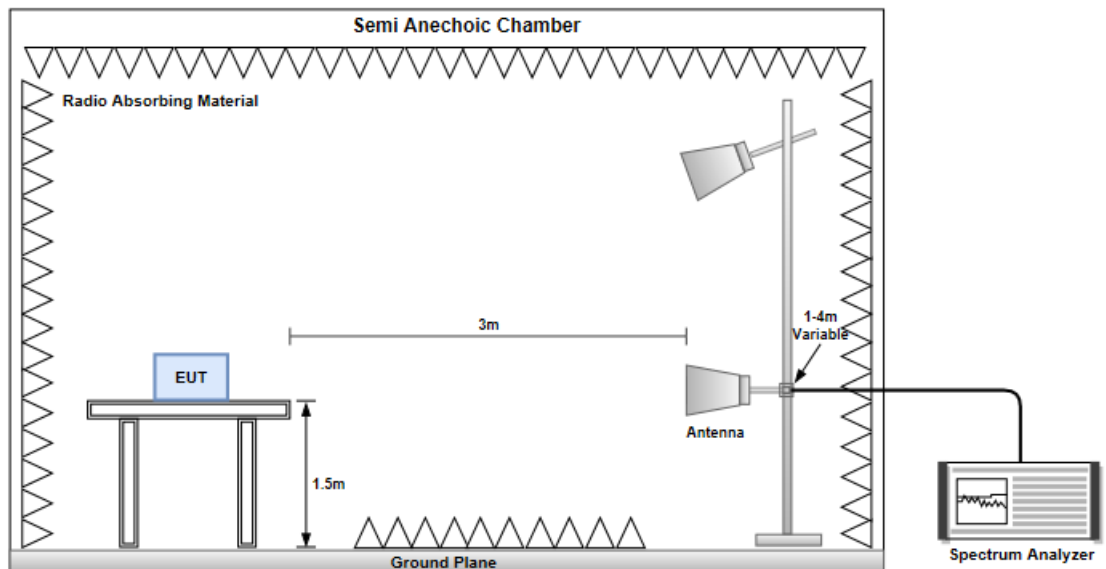
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.1.3 Test Setup

Radiated Emissions below 1 GHz

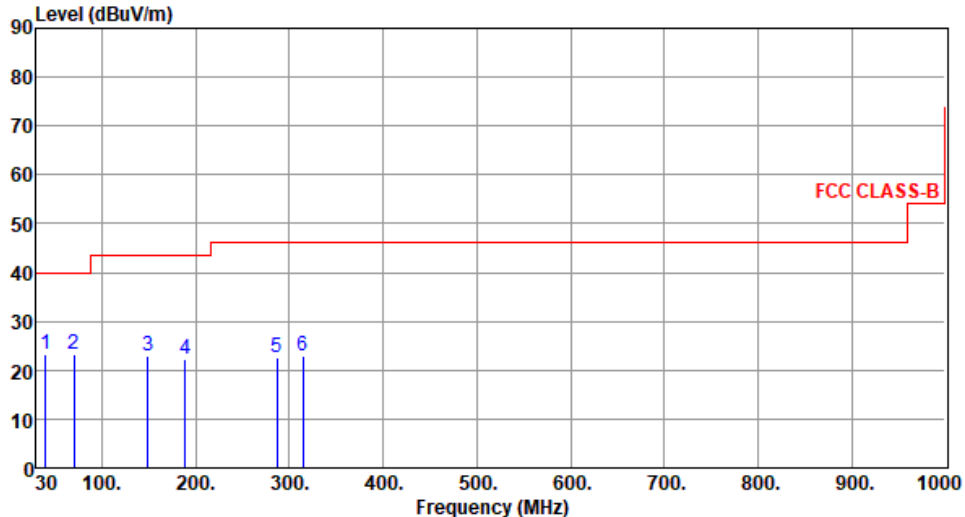


Radiated Emissions above 1 GHz



3.1.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)

Modulation	WLAN 2.4G 11g + NFC	Test Channel	2412MHz + 13.56MHz
Polarization	Horizontal		

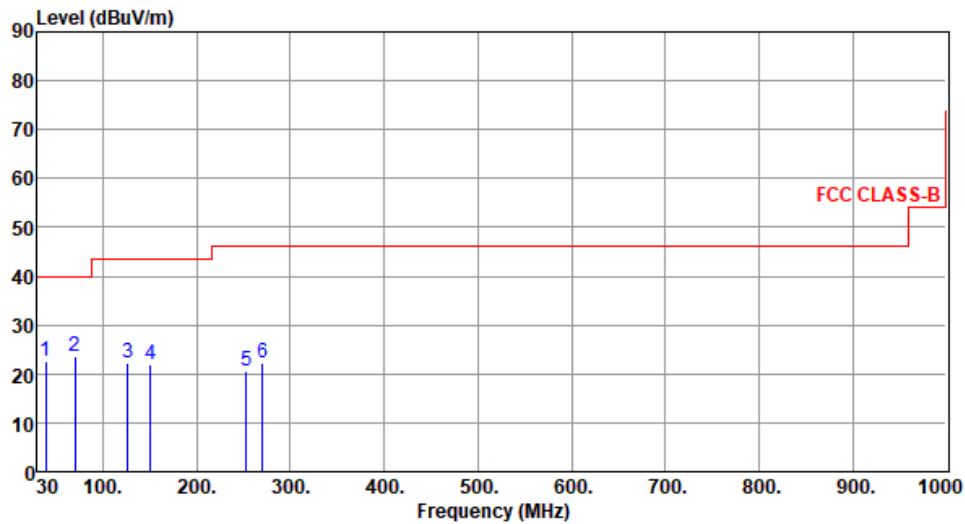


The graph displays the radiated unwanted emissions for a WLAN 2.4G 11g + NFC transmitter. The y-axis represents the Level in dBUV/m, ranging from 0 to 90. The x-axis represents the Frequency in MHz, ranging from 30 to 1000. A red line indicates the FCC CLASS-B limit, which is 40 dBUV/m from 30 to 100 MHz, 45 dBUV/m from 100 to 300 MHz, and 55 dBUV/m from 300 to 1000 MHz. Six test results are plotted as blue vertical lines, labeled 1 through 6, with their corresponding data in the table below.

	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB	Remark	ANT High cm	Turn Table deg
1	39.63	23.22	40.00	-16.78	31.94	-8.72	Peak	---	---
2	70.52	23.17	40.00	-16.83	33.86	-10.69	Peak	---	---
3	149.22	23.05	43.50	-20.45	31.51	-8.46	Peak	---	---
4	189.06	22.24	43.50	-21.26	33.43	-11.19	Peak	---	---
5	286.85	22.44	46.00	-23.56	30.83	-8.39	Peak	---	---
6	314.86	22.89	46.00	-23.11	30.43	-7.54	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.

Modulation	WLAN 2.4G 11g + NFC	Test Channel	2412MHz + 13.56MHz
Polarization	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	38.66	22.65	40.00	-17.35	31.41	-8.76	Peak	---	---
2	70.52	23.45	40.00	-16.55	34.14	-10.69	Peak	---	---
3	126.85	22.15	43.50	-21.35	32.06	-9.91	Peak	---	---
4	151.06	22.06	43.50	-21.44	30.41	-8.35	Peak	---	---
5	253.25	20.44	46.00	-25.56	30.25	-9.81	Peak	---	---
6	269.96	22.11	46.00	-23.89	31.20	-9.09	Peak	---	---

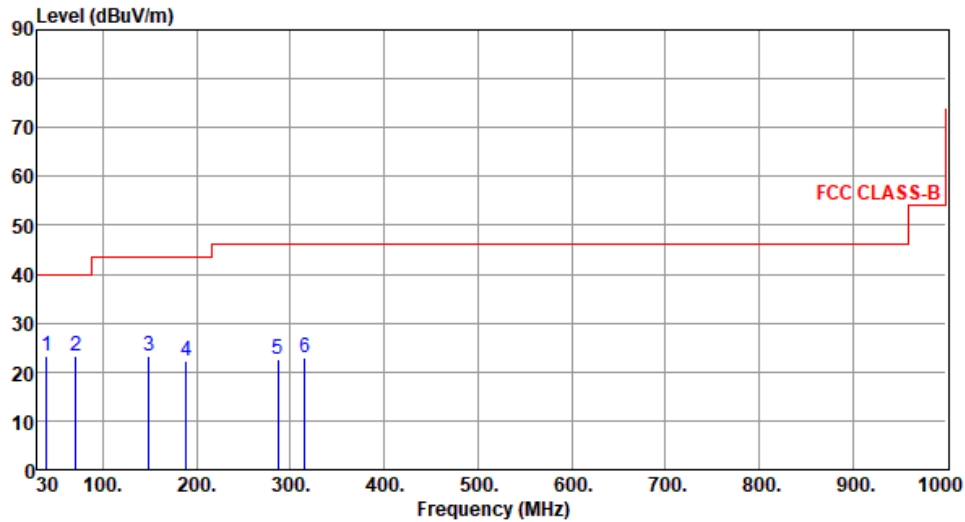
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*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.

Modulation	BT EDR(GFSK) + NFC	Test Channel	2402MHz + 13.56MHz
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	23.33	40.00	-16.67	32.05	-8.72	Peak	---	---
2	70.74	23.29	40.00	-16.71	34.01	-10.72	Peak	---	---
3	149.31	23.12	43.50	-20.38	31.59	-8.47	Peak	---	---
4	189.08	22.39	43.50	-21.11	33.58	-11.19	Peak	---	---
5	287.05	22.62	46.00	-23.38	31.01	-8.39	Peak	---	---
6	315.18	23.08	46.00	-22.92	30.60	-7.52	Peak	---	---

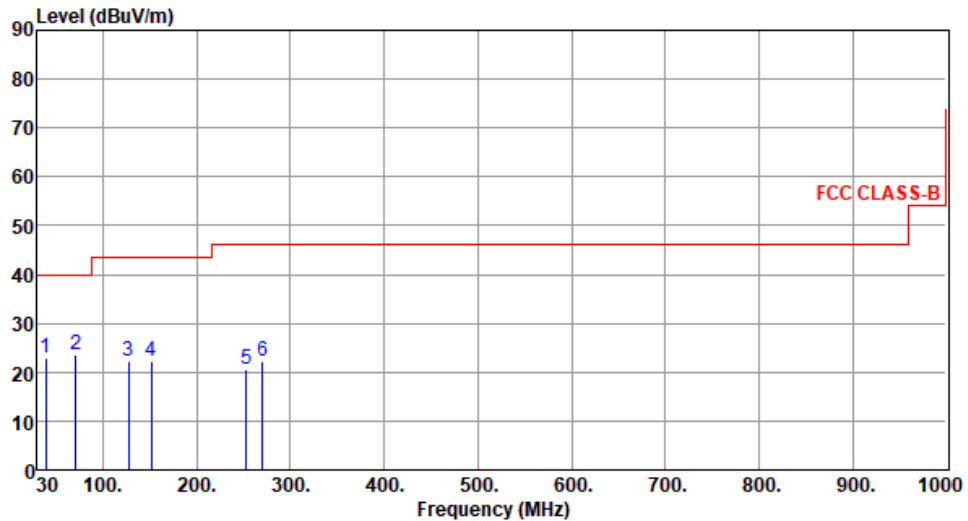
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*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.

Modulation	BT EDR(GFSK) + NFC	Test Channel	2402MHz + 13.56MHz
Polarization	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	38.73	22.75	40.00	-17.25	31.51	-8.76	Peak	---	---
2	70.74	23.63	40.00	-16.37	34.35	-10.72	Peak	---	---
3	127.00	22.34	43.50	-21.16	32.22	-9.88	Peak	---	---
4	151.25	22.14	43.50	-21.36	30.51	-8.37	Peak	---	---
5	253.10	20.65	46.00	-25.35	30.47	-9.82	Peak	---	---
6	270.56	22.25	46.00	-23.75	31.30	-9.05	Peak	---	---

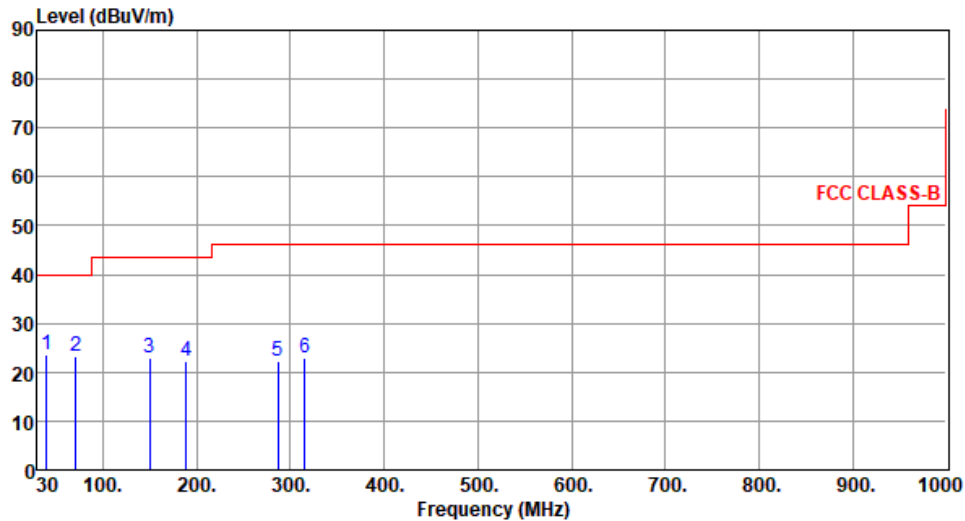
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*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.

Modulation	BT LE + NFC	Test Channel	2402MHz + 13.56MHz
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	40.22	23.45	40.00	-16.55	32.14	-8.69	Peak	---	---
2	70.86	23.20	40.00	-16.80	33.94	-10.74	Peak	---	---
3	149.85	23.06	43.50	-20.44	31.59	-8.53	Peak	---	---
4	189.11	22.17	43.50	-21.33	33.36	-11.19	Peak	---	---
5	286.89	22.36	46.00	-23.64	30.75	-8.39	Peak	---	---
6	315.25	23.00	46.00	-23.00	30.52	-7.52	Peak	---	---

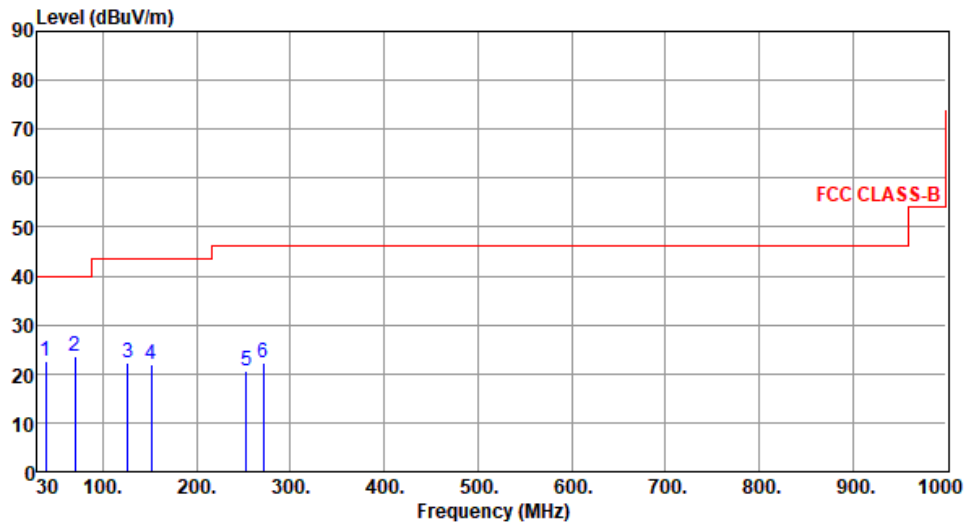
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)

*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.

Modulation	BT LE + NFC	Test Channel	2402MHz + 13.56MHz
Polarization	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	38.65	22.56	40.00	-17.44	31.32	-8.76	Peak	---	---
2	70.52	23.58	40.00	-16.42	34.27	-10.69	Peak	---	---
3	126.85	22.21	43.50	-21.29	32.12	-9.91	Peak	---	---
4	151.36	22.05	43.50	-21.45	30.43	-8.38	Peak	---	---
5	253.36	20.47	46.00	-25.53	30.28	-9.81	Peak	---	---
6	270.76	22.14	46.00	-23.86	31.17	-9.03	Peak	---	---

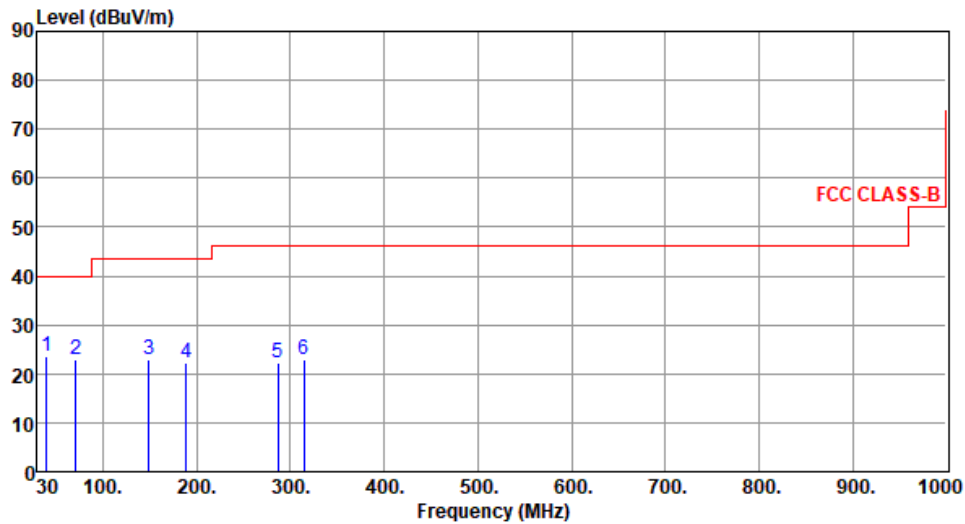
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*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.

Modulation	NFC + ANT+	Test Channel	13.56MHz + 2402MHz
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	39.58	23.44	40.00	-16.56	32.16	-8.72	Peak	---	---
2	70.85	23.05	40.00	-16.95	33.79	-10.74	Peak	---	---
3	149.25	23.05	43.50	-20.45	31.51	-8.46	Peak	---	---
4	189.11	22.25	43.50	-21.25	33.44	-11.19	Peak	---	---
5	286.58	22.41	46.00	-23.59	30.81	-8.40	Peak	---	---
6	314.85	22.88	46.00	-23.12	30.42	-7.54	Peak	---	---

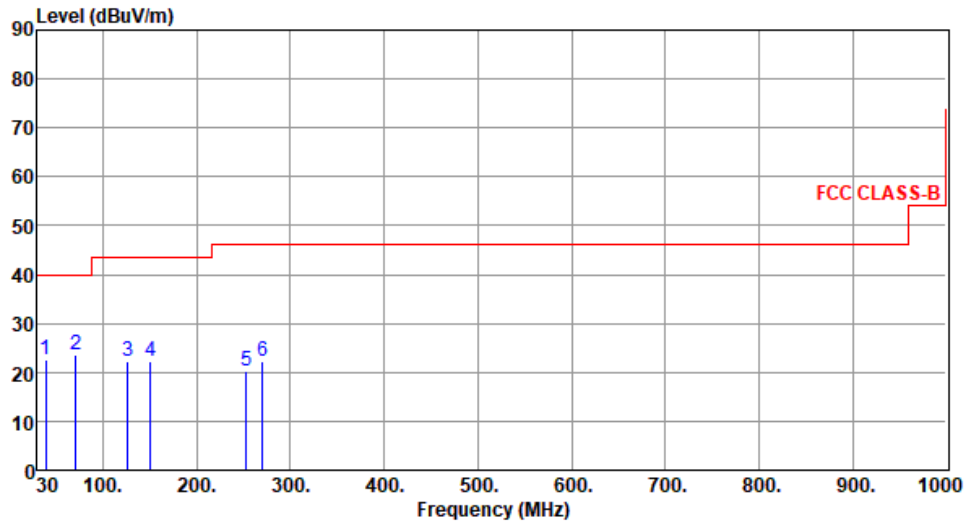
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)

*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.

Modulation	NFC + ANT+	Test Channel	13.56MHz + 2402MHz
Polarization	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	38.65	22.55	40.00	-17.45	31.31	-8.76	Peak	---	---
2	70.85	23.45	40.00	-16.55	34.19	-10.74	Peak	---	---
3	126.88	22.17	43.50	-21.33	32.07	-9.90	Peak	---	---
4	151.06	22.09	43.50	-21.41	30.44	-8.35	Peak	---	---
5	252.88	20.41	46.00	-25.59	30.23	-9.82	Peak	---	---
6	270.45	22.30	46.00	-23.70	31.36	-9.06	Peak	---	---

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

*Factor includes antenna factor , cable loss and amplifier gain

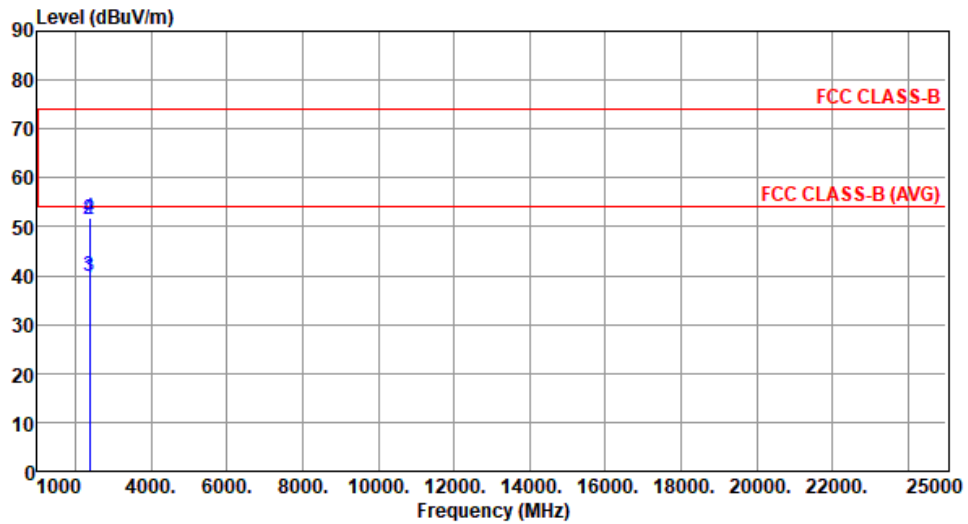
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

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

3.1.5 Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation	WLAN 2.4G 11g + NFC		Test Channel	2412MHz + 13.56MHz	
Polarization	Horizontal				
Level (dBUV/m) </					

Modulation	WLAN 2.4G 11g + NFC	Test Channel	2412MHz + 13.56MHz
Polarization	Vertical		



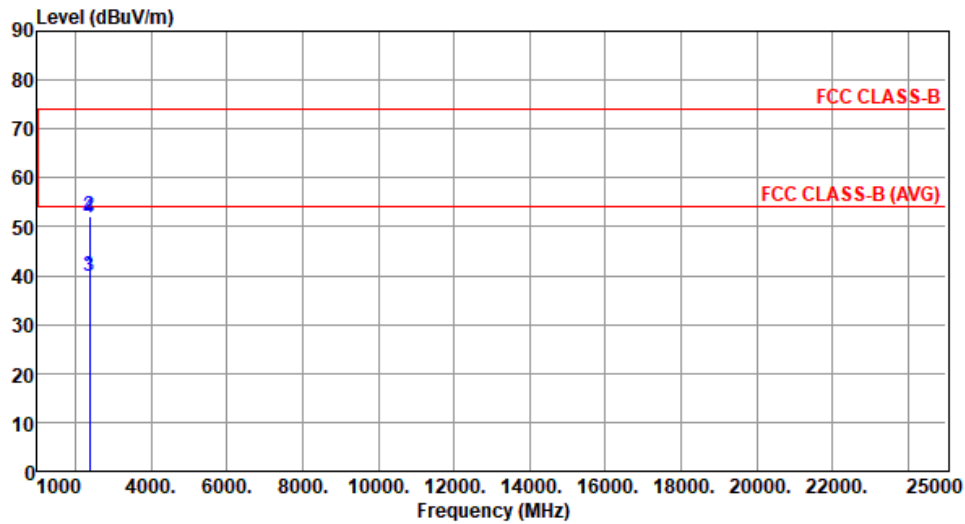
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2371.32	39.65	54.00	-14.35	42.36	-2.71	Average	100	59
2	2371.32	51.54	74.00	-22.46	54.25	-2.71	Peak	100	59
3	2384.88	39.69	54.00	-14.31	42.46	-2.77	Average	100	63
4	2384.88	51.69	74.00	-22.31	54.46	-2.77	Peak	100	63

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).

Modulation	BT EDR(GFSK) + NFC	Test Channel	2402MHz + 13.56MHz
Polarization	Horizontal		



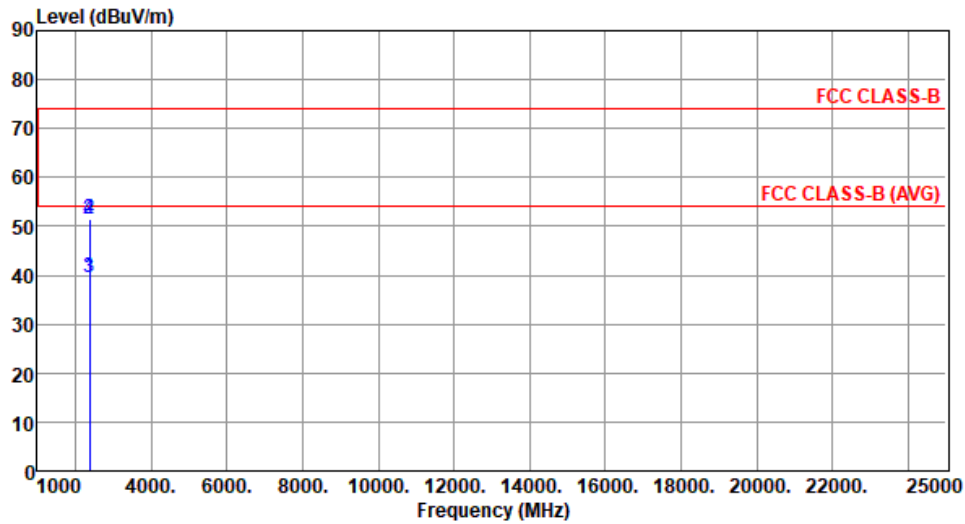
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2374.88	39.96	54.00	-14.04	42.69	-2.73	Average	100	309
2	2374.88	52.05	74.00	-21.95	54.78	-2.73	Peak	100	309
3	2388.44	40.01	54.00	-13.99	42.80	-2.79	Average	100	302
4	2388.44	51.92	74.00	-22.08	54.71	-2.79	Peak	100	302

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).

Modulation	BT EDR(GFSK) + NFC	Test Channel	2402MHz + 13.56MHz
Polarization	Vertical		



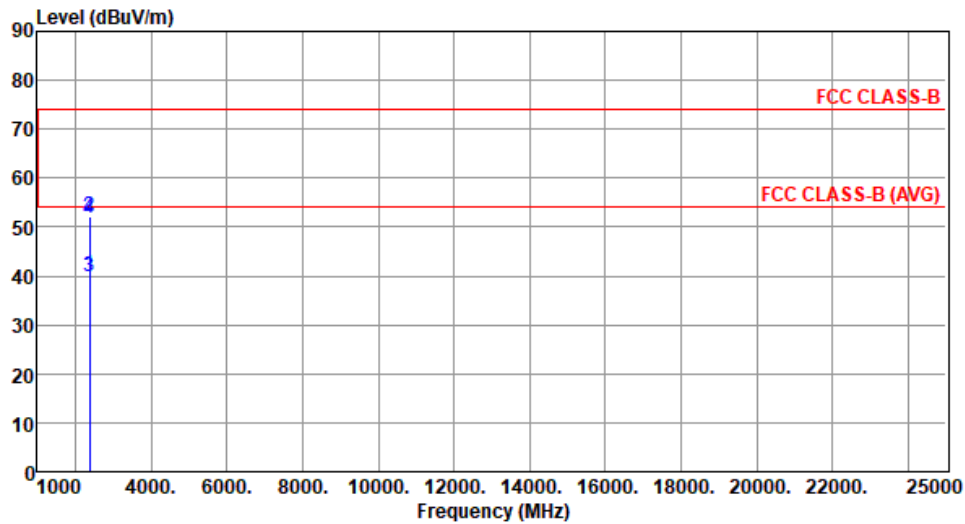
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2374.88	39.52	54.00	-14.48	42.25	-2.73	Average	100	54
2	2374.88	51.52	74.00	-22.48	54.25	-2.73	Peak	100	54
3	2388.44	39.60	54.00	-14.40	42.39	-2.79	Average	100	59
4	2388.44	51.46	74.00	-22.54	54.25	-2.79	Peak	100	59

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).

Modulation	NFC + ANT+	Test Channel	13.56MHz + 2402MHz
Polarization	Horizontal		



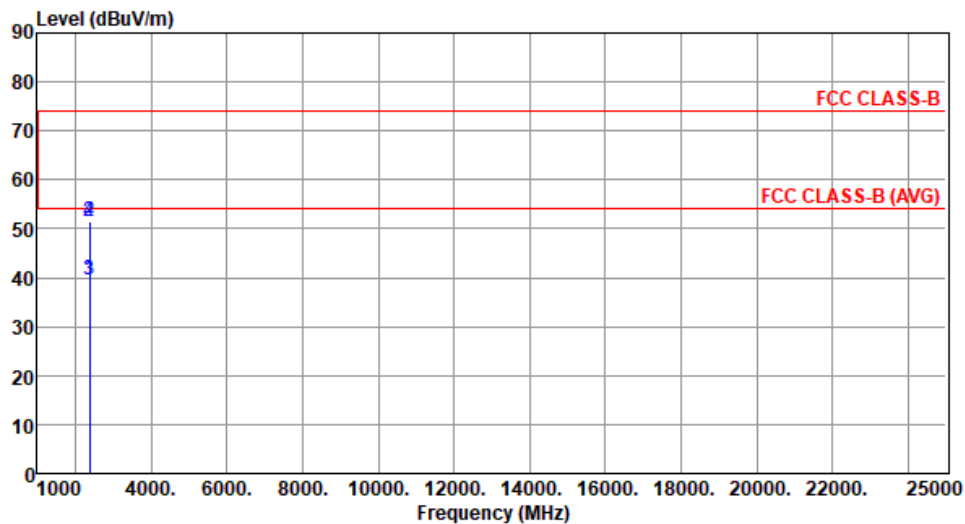
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB	Remark	ANT High cm	Turn Table deg
1	2374.88	40.04	54.00	-13.96	42.77	-2.73	Average	100	307
2	2374.88	52.04	74.00	-21.96	54.77	-2.73	Peak	100	307
3	2388.44	39.96	54.00	-14.04	42.75	-2.79	Average	100	301
4	2388.44	51.84	74.00	-22.16	54.63	-2.79	Peak	100	301

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).

Modulation	NFC + ANT+	Test Channel	13.56MHz + 2402MHz
Polarization	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	2374.88	39.60	54.00	-14.40	42.33	-2.73	Average	100	58
2	2374.88	51.60	74.00	-22.40	54.33	-2.73	Peak	100	58
3	2388.44	39.65	54.00	-14.35	42.44	-2.79	Average	100	60
4	2388.44	51.58	74.00	-22.42	54.37	-2.79	Peak	100	60

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).

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 (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 <http://www.icertifi.com.tw>.

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City 333, Taiwan, R.O.C..

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

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