

FCC Part 15C Measurement and Test Report

For

Shenzhen Fitcare Electronics Co., Ltd

6th floor(south), Building A, Dingxin Science Park, Honglang North 2nd

Road, Bao'an, Shenzhen, China

FCC ID: 2ACN7HW330

FCC Rule(s):	<u>FCC Part 15.249</u>
Product Description:	<u>Fitness Wristband</u>
Tested Model:	<u>HW330</u>
Report No.:	<u>STR17058415I-2</u>
Tested Date:	<u>2017-05-31 to 2017-06-17</u>
Issued Date:	<u>2017-06-17</u>
Tested By:	<u>Leo Lee / Engineer</u> <i>Leo Lee</i>
Reviewed By:	<u>Silin Chen / EMC Manager</u> <i>Silin Chen</i>
Approved & Authorized By:	<u>Jandy So / PSQ Manager</u> <i>Jandy So</i>
Prepared By:	

Shenzhen SEM.Test Technology Co., Ltd.
1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road,
Bao'an District, Shenzhen, P.R.C. (518101)
Tel.: +86-755-33663308 Fax.: +86-755-33663309 Website: www.semtest.com.cn

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen SEM.Test Technology Co., Ltd.

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: Shenzhen Fitcare Electronics Co., Ltd
Address of applicant: 6th floor(south), Building A, Dingxin Science Park, Honglang North 2nd Road, Bao'an, Shenzhen, China

Manufacturer: Shenzhen Fitcare Electronics Co., Ltd
Address of manufacturer: 6th floor(south), Building A, Dingxin Science Park, Honglang North 2nd Road, Bao'an, Shenzhen, China

General Description of EUT	
Product Name:	Fitness Wristband
Brand Name:	/
Model No.:	HW330
Adding Model(s):	HW330A, HW331, HW332, HW333
Rated Voltage:	DC 3.7V Battery
Battery Capacity:	90mAh
Power Adapter:	/
Software Version:	/
Hardware Version:	HW330 MB V1.6
<i>Note: The test data is gathered from a production sample, provided by the manufacturer. The appearance of others models listed in the report is different from main-test model HW330, but the circuit and the electronic construction do not change, declared by the manufacturer.</i>	

Technical Characteristics of EUT	
Frequency Range:	2403-2480MHz
Max. Field Strength:	82.78dBuV/m (3m)
Data Rate:	1Mbps
Modulation:	GFSK
Antenna Type:	Integral
Antenna Gain:	1.75dBi
Lowest Internal Frequency of EUT:	32.768KHz

1.2 Test Standards

The following report is prepared on behalf of the Shenzhen Fitcare Electronics Co., Ltd in accordance with FCC Part 15, Subpart B, Subpart C, and section 15.107, 15.203, 15.205, 15.207, 15.209 and 15.249 of the Federal Communication Commissions rules.

The objective is to determine compliance with FCC Part 15, Subpart C, and section 15.107,15.203, 15.205, 15.207, 15.209 and 15.249 of the Federal Communication Commissions rules.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which results in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard for Testing Unlicensed Wireless Devices, and ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

1.4 Test Facility

FCC – Registration No.: 934118

Shenzhen SEM.Test Technology Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files and the Registration is 934118.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Shenzhen SEM.Test Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

CNAS Registration No.: L4062

Shenzhen SEM.Test Technology Co., Ltd. is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L4062. All measurement facilities used to collect the measurement data are located at 1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road, Bao'an District, Shenzhen, P.R.C (518101).

1.5 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	Low Channel	2403MHz
TM2	Middle Channel	2442MHz
TM3	High Channel	2480MHz

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
Adapter	STYLO	VS5502	/

1.6 Measurement Uncertainty

Measurement uncertainty		
Parameter	Conditions	Uncertainty
RF Output Power	Conducted	$\pm 0.42\text{dB}$
Occupied Bandwidth	Conducted	$\pm 1.5\%$
Conducted Spurious Emission	Conducted	$\pm 2.17\text{dB}$
Conducted Emissions	Conducted	$\pm 2.88\text{dB}$
Transmitter Spurious Emissions	Radiated	$\pm 5.1\text{dB}$

1.7 Test Equipment List and Details

No.	Description	Manufacturer	Model	Serial No.	Cal Date	Due Date
SEMT-1072	Spectrum Analyzer	Agilent	E4407B	MY41440400	2017-06-12	2018-06-11
SEMT-1031	Spectrum Analyzer	Rohde & Schwarz	FSP30	836079/035	2017-06-12	2018-06-11
SEMT-1007	EMI Test Receiver	Rohde & Schwarz	ESVB	825471/005	2017-06-12	2018-06-11
SEMT-1008	Amplifier	Agilent	8447F	3113A06717	2017-06-12	2018-06-11
SEMT-1043	Amplifier	C&D	PAP-1G18	2002	2017-06-12	2018-06-11
SEMT-1011	Broadband Antenna	Schwarz beck	VULB9163	9163-333	2017-06-12	2018-06-11
SEMT-1042	Horn Antenna	ETS	3117	00086197	2017-06-12	2018-06-11
SEMT-1121	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170582	2017-06-12	2018-06-11
SEMT-1069	Loop Antenna	Schwarz beck	FMZB 1516	9773	2017-06-12	2018-06-11
SEMT-1001	EMI Test Receiver	Rohde & Schwarz	ESPI	101611	2017-06-12	2018-06-11
SEMT-1003	L.I.S.N	Schwarz beck	NSLK8126	8126-224	2017-06-12	2018-06-11
SEMT-1002	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100911	2017-06-12	2018-06-11

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§ 15.203	Antenna Requirement	Compliant
§15.205	Restricted Band of Operation	Compliant
§ 15.207(a)	Conducted Emission	Compliant
§ 15.209(a)(f)	Radiated Spurious Emissions	Compliant
§15.249(a)	Field Strength of Emissions	Compliant
§15.249(d)	Out of Band Emission	Compliant
§15.215 (c)	Emission Bandwidth	Compliant

3. Antenna Requirements

3.1 Standard Applicable

According to FCC Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.2 Test Result

This product has an integral antenna, fulfill the requirement of this section.

4. Radiated Emissions

4.1 Standard Applicable

According to §15.249(a), the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental Frequency	Field strength of fundamental (milli-volts/meter)	Field strength of Harmonics (micro-volts/meter)
902-928 MHz	50	500
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

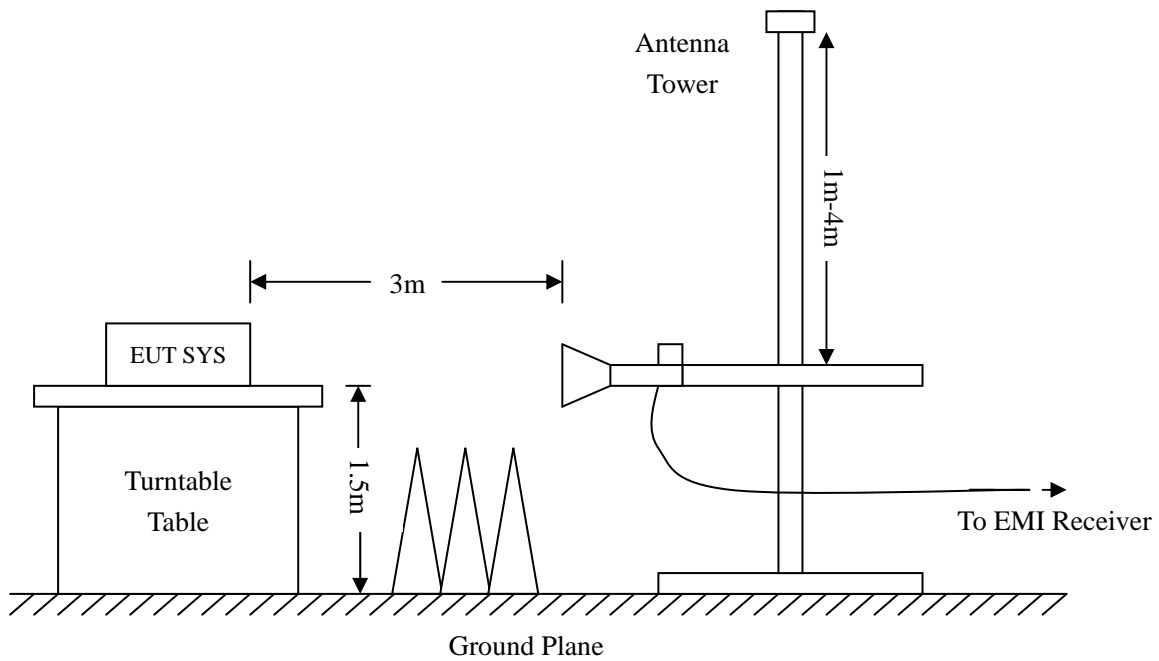
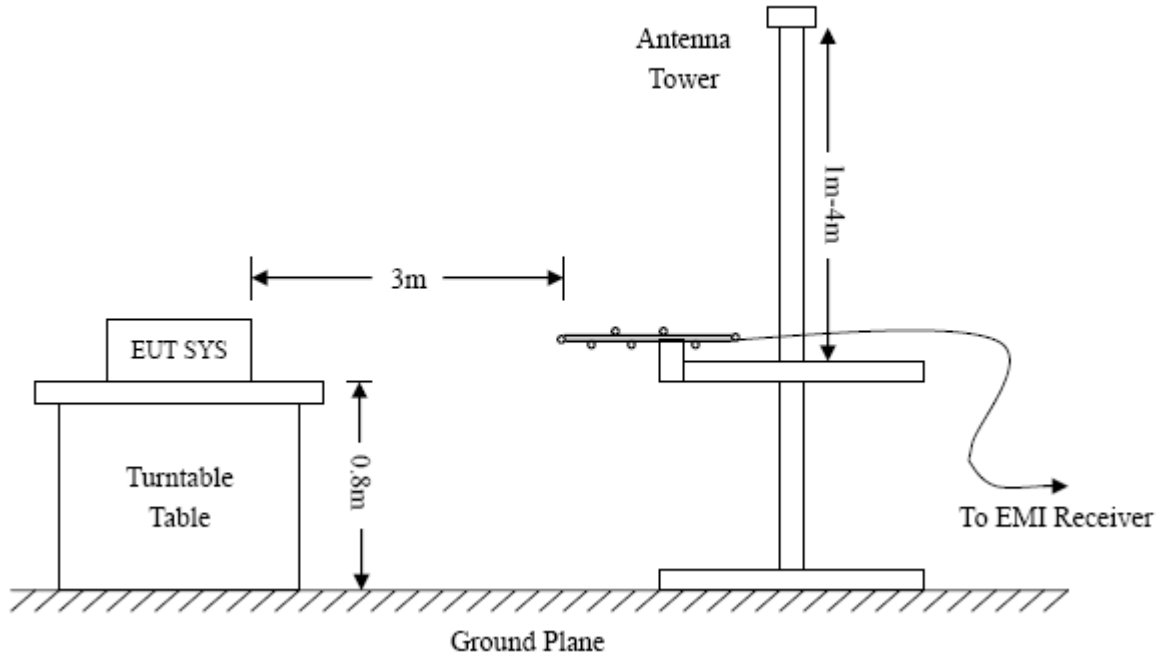
(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply. Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

4.2 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.205 15.249(a) and FCC Part 15.209 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle. The spacing between the peripherals was 10 cm.



Frequency :9kHz-30MHz
 RBW=10KHz,
 VBW =30KHz
 Sweep time= Auto
 Trace = max hold
 Detector function = peak

Frequency :30MHz-1GHz
 RBW=120KHz,
 VBW=300KHz
 Sweep time= Auto
 Trace = max hold
 Detector function = peak, QP

Frequency :Above 1GHz
 RBW=1MHz,
 VBW=3MHz(Peak), 10Hz(AV)
 Sweep time= Auto
 Trace = max hold
 Detector function = peak, AV

4.3 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Ant. Factor} + \text{Cable Loss} - \text{Ampl. Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -6dB μ V means the emission is 6dB μ V below the maximum limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15C Limit}$$

4.4 Environmental Conditions

Temperature:	24 °C
Relative Humidity:	60 %
ATM Pressure:	1012 mbar

4.5 Summary of Test Results/Plots

According to the data below, the [FCC Part 15.205](#), [15.209](#) and [15.249](#) standards, and had the worst margin of:

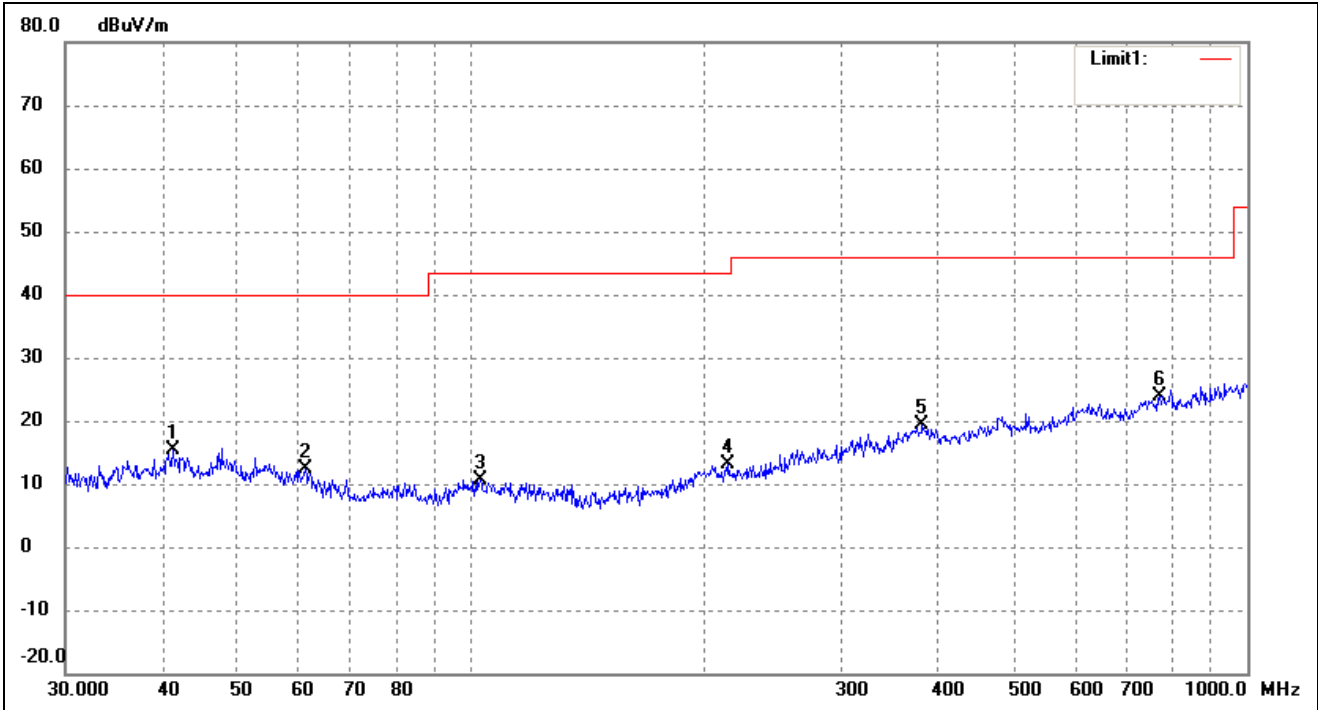
-7.77 dB at 4806 MHz in the Horizontal polarization, Low Channel, 9 kHz to 25 GHz, 3Meters

Note: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

Plot of Radiated Emissions Test Data (30MHz to 1GHz)

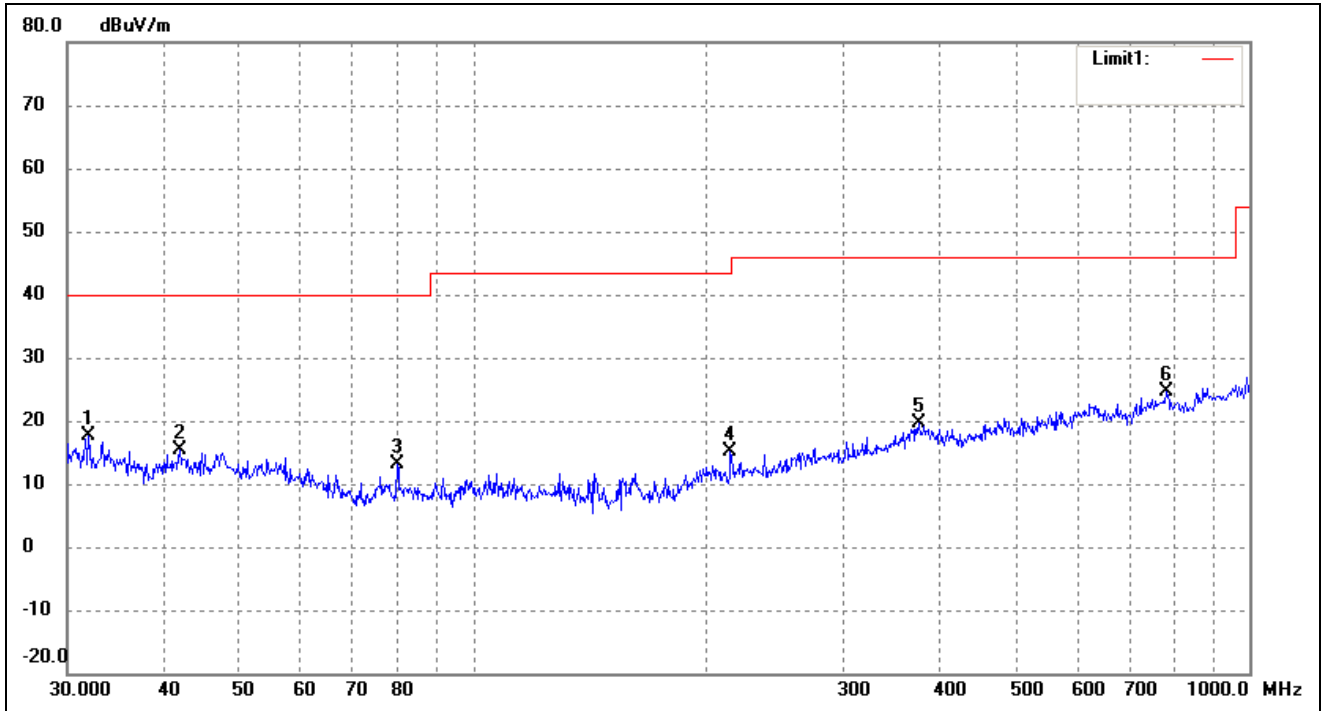
EUT: *Fitness Wristband*
 Tested Model: *HW330*
 Operating Condition: *Transmitting Low Channel (2403Hz)*
 Comment: *DC 3.7V*

Test Specification: *Horizontal*



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	41.2764	23.03	-7.75	15.28	40.00	-24.72	59	100	peak
2	61.1315	22.41	-9.94	12.47	40.00	-27.53	136	100	peak
3	102.7192	21.69	-10.97	10.72	43.50	-32.78	124	100	peak
4	214.5142	21.81	-8.79	13.02	43.50	-30.48	115	100	peak
5	381.2486	21.43	-2.17	19.26	46.00	-26.74	352	100	peak
6	771.4486	21.48	2.43	23.91	46.00	-22.09	166	100	peak

Test Specification: Vertical

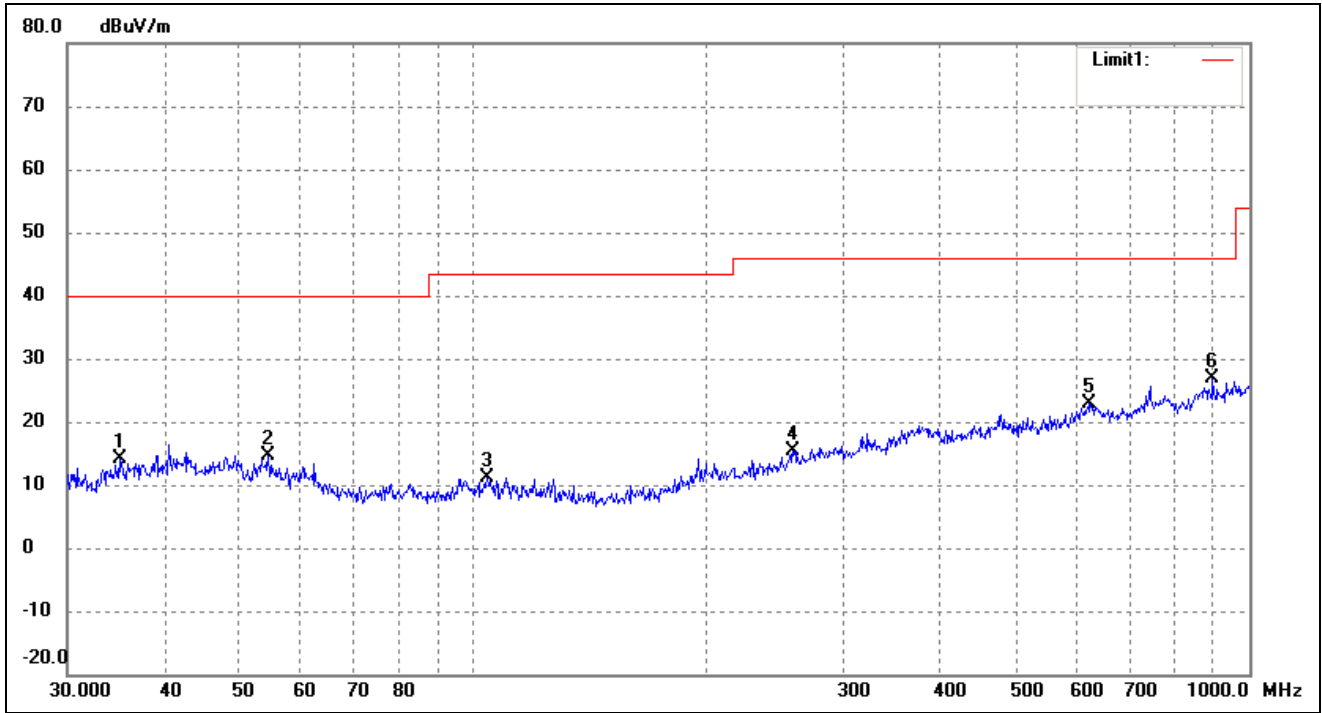


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	31.9545	27.40	-9.81	17.59	40.00	-22.41	104	100	peak
2	41.8596	23.11	-7.79	15.32	40.00	-24.68	195	100	peak
3	79.8002	25.24	-12.01	13.23	40.00	-26.77	54	100	peak
4	214.5142	23.99	-8.79	15.20	43.50	-28.30	118	100	peak
5	374.6225	21.93	-2.41	19.52	46.00	-26.48	237	100	peak
6	782.3452	21.73	2.78	24.51	46.00	-21.49	104	100	peak

Operating Condition: Transmitting Middle Channel (2442Hz)

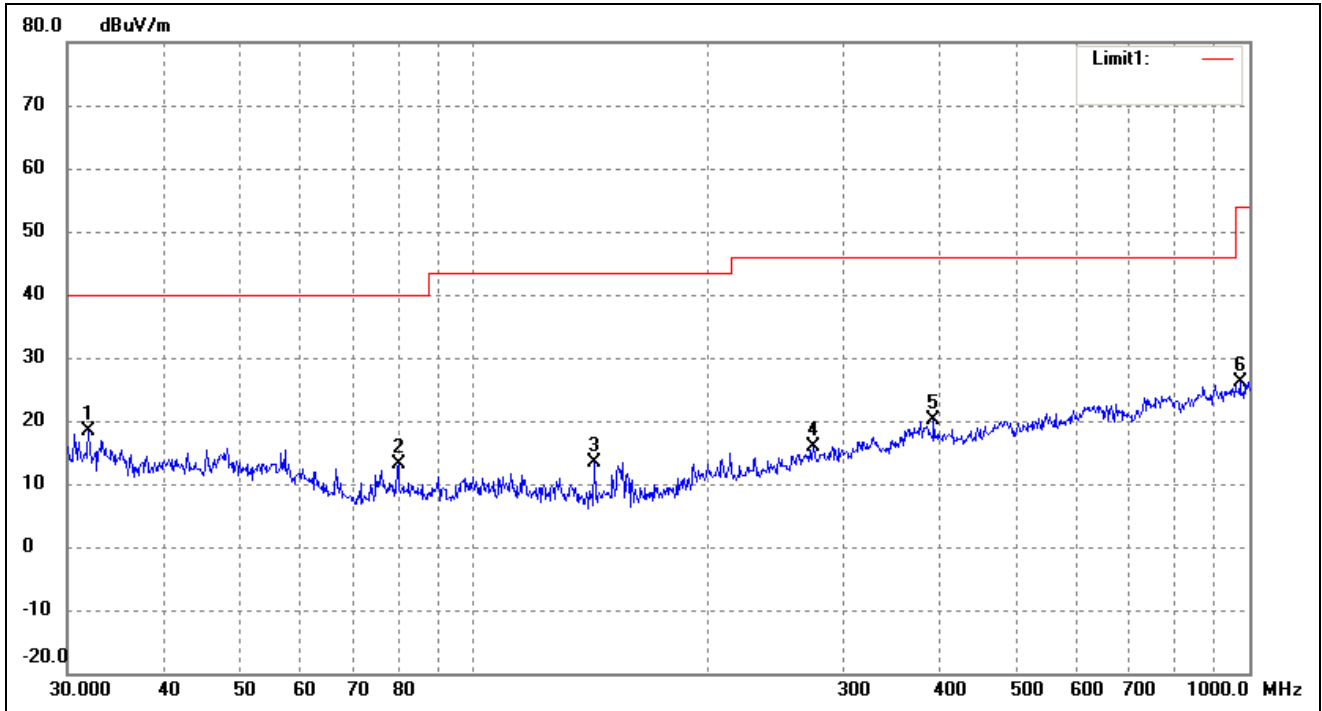
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	35.0048	23.05	-9.04	14.01	40.00	-25.99	177	100	peak
2	54.4515	23.39	-8.88	14.51	40.00	-25.49	212	100	peak
3	104.1701	22.24	-11.01	11.23	43.50	-32.27	86	100	peak
4	258.3263	22.54	-7.07	15.47	46.00	-30.53	310	100	peak
5	622.8899	21.83	1.16	22.99	46.00	-23.01	122	100	peak
6	896.9964	23.66	3.14	26.80	46.00	-19.20	329	100	peak

Test Specification: Vertical

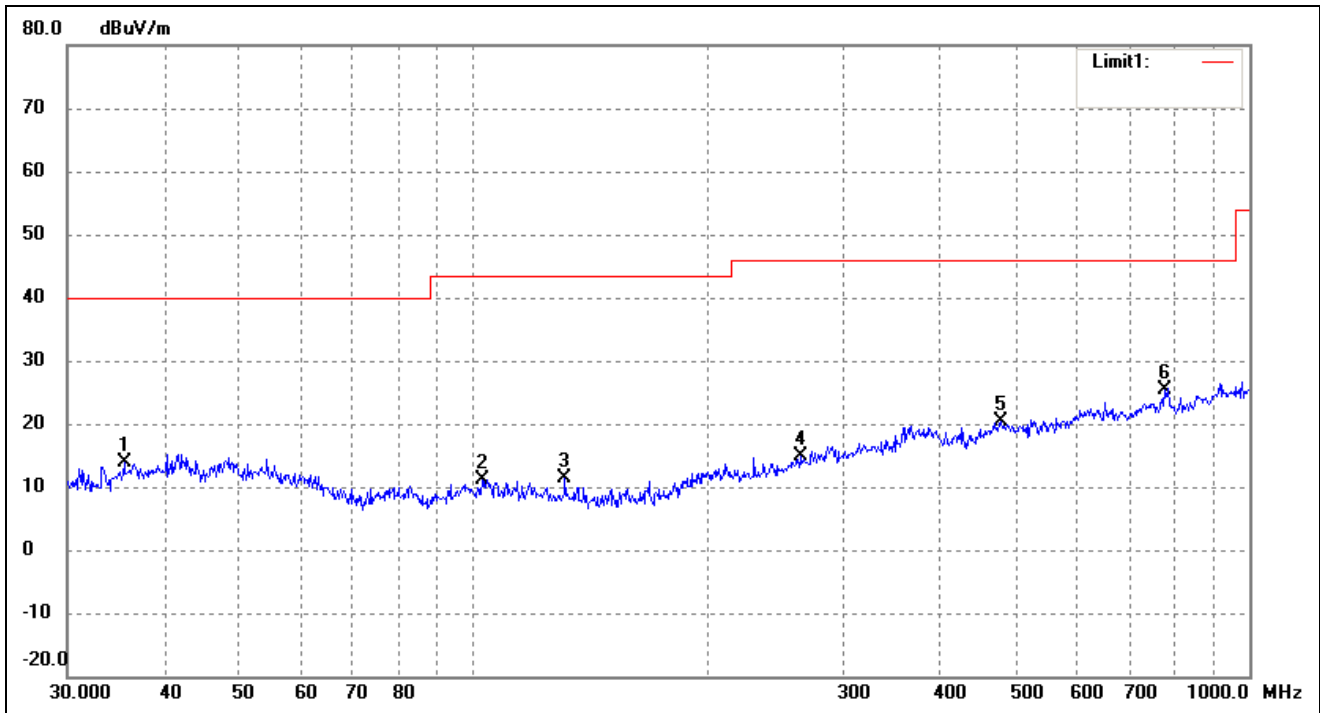


No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	31.9545	28.13	-9.81	18.32	40.00	-21.68	140	100	peak
2	80.0806	25.09	-12.00	13.09	40.00	-26.91	335	100	peak
3	143.3260	26.00	-12.51	13.49	43.50	-30.01	83	100	peak
4	274.1938	22.34	-6.35	15.99	46.00	-30.01	165	100	peak
5	392.0951	22.79	-2.73	20.06	46.00	-25.94	85	100	peak
6	972.3374	22.32	3.76	26.08	54.00	-27.92	328	100	peak

Operating Condition: Transmitting High Channel (2480MHz)

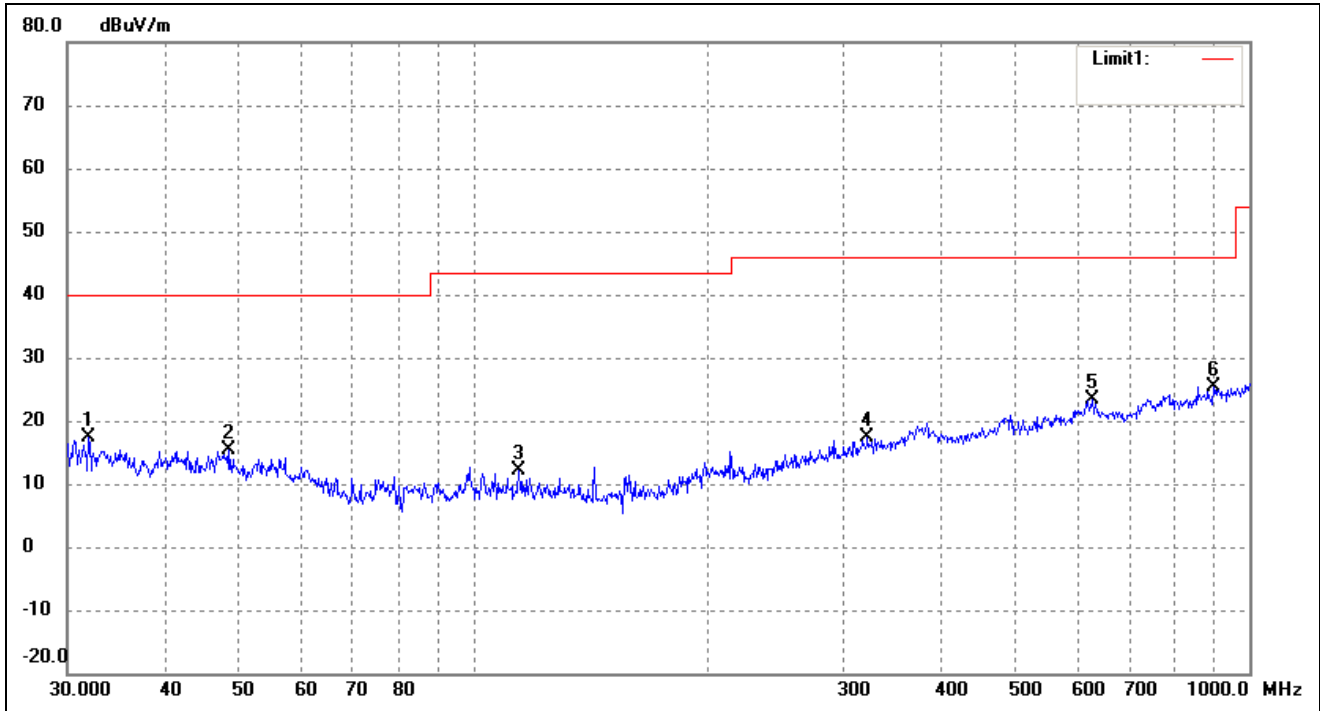
Comment: DC 3.7V

Test Specification: Horizontal



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	35.4992	22.88	-8.90	13.98	40.00	-26.02	313	100	peak
2	102.7192	22.02	-10.97	11.05	43.50	-32.45	95	100	peak
3	131.2965	23.36	-12.07	11.29	43.50	-32.21	174	100	peak
4	263.8190	21.67	-6.79	14.88	46.00	-31.12	100	100	peak
5	478.8455	21.40	-1.13	20.27	46.00	-25.73	83	100	peak
6	776.8777	22.56	2.73	25.29	46.00	-20.71	130	100	peak

Test Specification: Vertical



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree ()	Height (cm)	Remark
1	31.9545	27.17	-9.81	17.36	40.00	-22.64	316	100	peak
2	48.5016	23.68	-8.22	15.46	40.00	-24.54	94	100	peak
3	114.5146	23.34	-11.29	12.05	43.50	-31.45	178	100	peak
4	322.1886	21.96	-4.66	17.30	46.00	-28.70	107	100	peak
5	627.2738	22.23	1.05	23.28	46.00	-22.72	221	100	peak
6	900.1473	22.29	3.15	25.44	46.00	-20.56	125	100	peak

Spurious Emissions Above 1GHz

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel-2403MHz							
2403	86.37	-3.59	82.78	114	-31.22	H	PK
2403	74.59	-3.59	71.00	94	-23.00	H	AV
4806	61.59	-3.59	58.00	74	-16.00	H	PK
4806	49.82	-3.59	46.23	54	-7.77	H	AV
7209	41.69	-0.52	41.17	74	-32.83	H	PK
7209	30.59	-0.52	30.07	54	-23.93	H	AV
2403	82.79	-3.59	79.20	114	-34.80	V	PK
2403	77.53	-3.59	73.94	94	-20.06	V	AV
4806	49.67	-3.59	46.08	74	-27.92	V	PK
4806	33.91	-3.59	30.32	54	-23.68	V	AV
7209	42.69	-0.52	42.17	74	-31.83	V	PK
7209	31.87	-0.52	31.35	54	-22.65	V	AV
Middle Channel-2442MHz							
2442	83.94	-3.59	80.35	114	-33.65	H	PK
2442	75.61	-3.59	72.02	94	-21.98	H	AV
4884	59.82	-3.49	56.33	74	-17.67	H	PK
4884	44.61	-3.49	41.12	54	-12.88	H	AV
7326	39.74	-0.47	39.27	74	-34.73	H	PK
7326	30.15	-0.47	29.68	54	-24.32	H	AV
2442	81.22	-3.59	77.63	114	-36.37	V	PK
2442	76.91	-3.59	73.32	94	-20.68	V	AV
4884	50.24	-3.49	46.75	74	-27.25	V	PK
4884	38.51	-3.49	35.02	54	-18.98	V	AV
7326	42.69	-0.47	42.22	74	-31.78	V	PK
7326	29.73	-0.47	29.26	54	-24.74	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel-2480MHz							
2480	81.69	-3.59	78.10	114	-35.90	H	PK
2480	73.57	-3.59	69.98	94	-24.02	H	AV
4960	55.49	-3.41	52.08	74	-21.92	H	PK
4960	40.91	-3.41	37.50	54	-16.50	H	AV
7440	41.53	-0.42	41.11	74	-32.89	H	PK
7440	32.59	-0.42	32.17	54	-21.83	H	AV
2480	81.63	-3.59	78.04	114	-35.96	V	PK
2480	75.95	-3.59	72.36	94	-21.64	V	AV
4960	47.39	-3.41	43.98	74	-30.02	V	PK
4960	36.57	-3.41	33.16	54	-20.84	V	AV
7440	42.69	-0.42	42.27	74	-31.73	V	PK
7440	31.89	-0.42	31.47	54	-22.53	V	AV

Note: Testing is carried out with frequency rang 9kHz to the tenth harmonics, which above 5th Harmonics are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

The measurements greater than 20dB below the limit from 9kHz to 30MHz..

5. Out of Band Emissions

5.1 Standard Applicable

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.

5.2 Test Procedure

As the radiation test, set the Lowest and Highest Transmitting Channel, observed the outside band of 2400MHz to 2483.5MHz, than mark the higher-level emission for comparing with the FCC rules.

5.3 Environmental Conditions

Temperature:	24 °C
Relative Humidity:	60 %
ATM Pressure:	1012 mbar

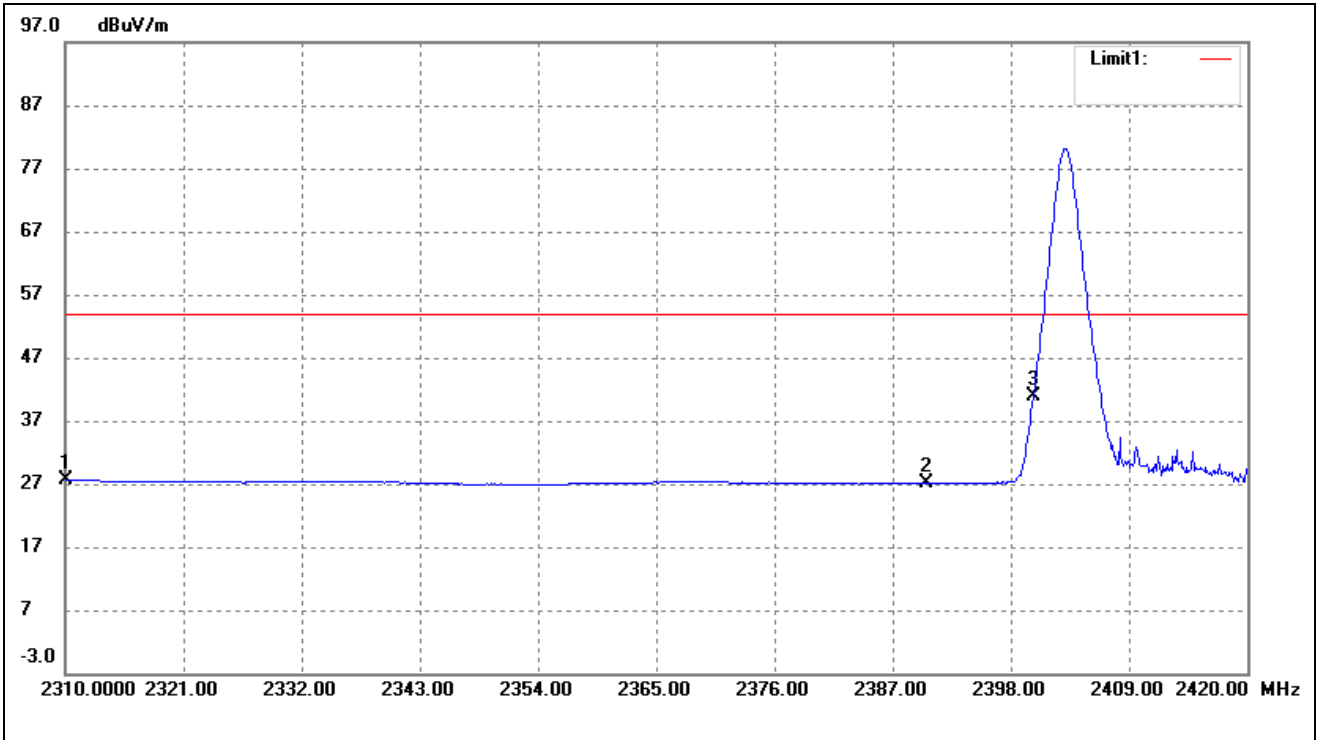
5.4 Summary of Test Results/Plots

Test mode	Frequency	Limit	Result
	MHz	dBuV / dBc	
Lowest	2310.00	<54 dBuV	Pass
	2390.00	<54 dBuV	Pass
	2400.00	<54 dBuV	Pass
Highest	2483.50	<54 dBuV	Pass
	2500.00	<54 dBuV	Pass

The edge emissions are below the FCC 15.209 Limits or complies with the 15.249 requirements.

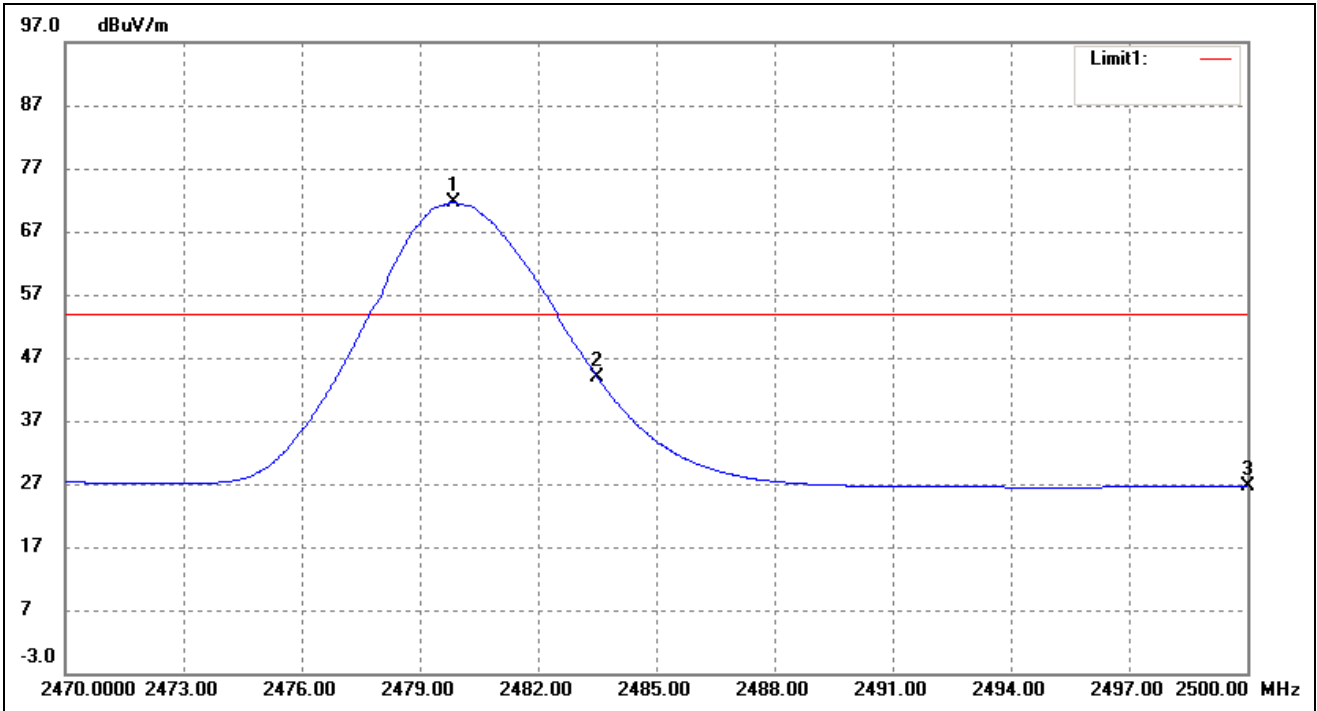
Please refer to the test plots as below.

Restricted Bandedge-Lowest
Vertical (Worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2310.00	31.00	-3.35	27.65	54.00	-26.35	Average Detector
	2310.00	44.47	-3.35	41.12	74.00	-32.88	Peak Detector
2	2390.00	31.41	-4.29	27.12	54.00	-26.88	Average Detector
	2390.00	45.08	-4.29	40.79	74.00	-33.21	Peak Detector
3	2400.00	45.17	-4.40	40.77	54.00	-13.23	Average Detector
	2400.00	51.82	-4.40	47.42	74.00	-26.58	Peak Detector

Restricted Bandedge-Highest
Vertical (Worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2479.84	76.03	-4.36	71.67	/	/	Average Detector
	2479.99	86.69	-4.36	82.33	/	/	Peak Detector
2	2483.50	48.35	-4.36	43.99	54.00	-10.01	Average Detector
	2483.50	48.74	-4.36	44.38	74.00	-29.62	Peak Detector
3	2500.00	31.02	-4.34	26.68	54.00	-27.32	Average Detector
	2500.00	43.01	-4.34	38.67	74.00	-35.33	Peak Detector

6. Emission Bandwidth

6.1 Standard Applicable

According to 15.215 (c), intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

6.2 Test Procedure

According to the ANSI 63.10-2013, the emission bandwidth test method as follows.

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Set span = 1MHz, centered on a transmitting channel

RBW \geq 1% 20dB Bandwidth, VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

All the trace to stabilize, use the marker-to-peak function to set the marker to the peak of the emission, use the marker-delta function to measure and record the 20dB down and 99% bandwidth of the emission.

6.3 Environmental Conditions

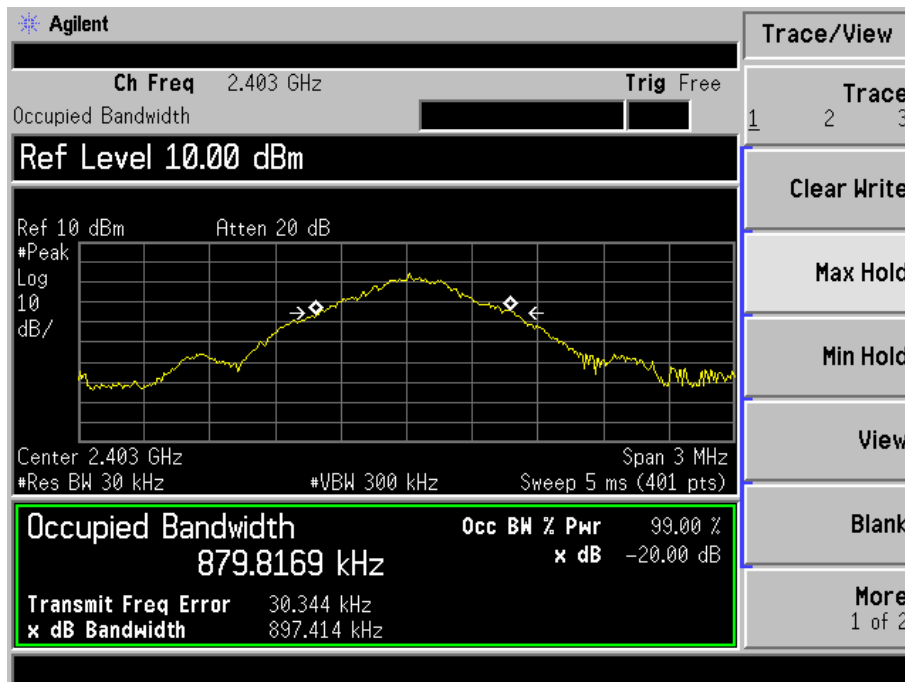
Temperature:	25 °C
Relative Humidity:	53%
ATM Pressure:	1018 mbar

6.4 Summary of Test Results/Plots

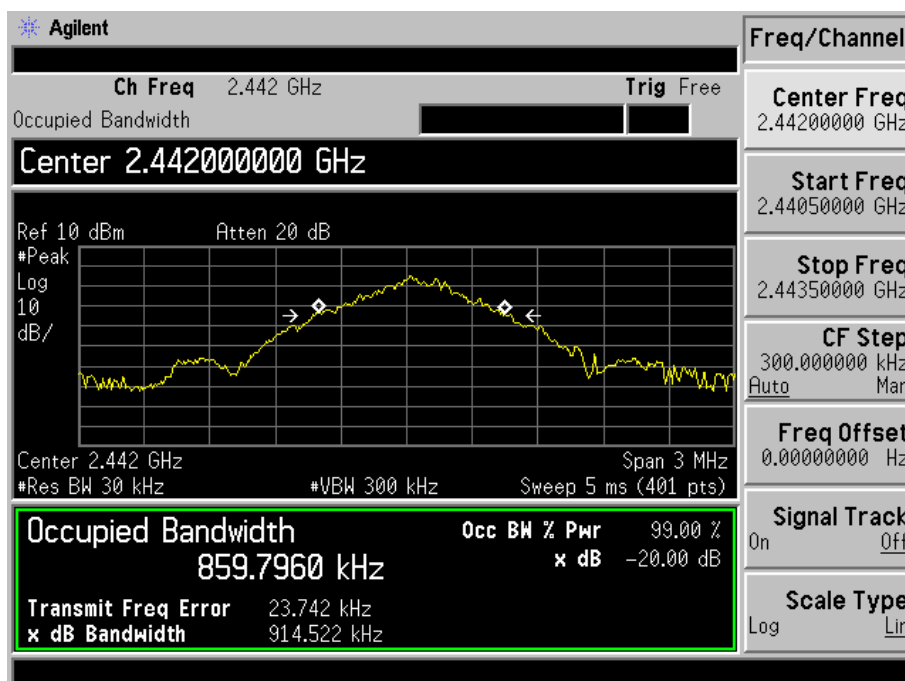
Channel	Frequency MHz	20dB Bandwidth kHz	99% Bandwidth kHz
Low Channel	2403	897.414	879.8169
Middle Channel	2442	914.522	859.7960
High Channel	2480	871.746	866.3574

Please refer to the following test plots

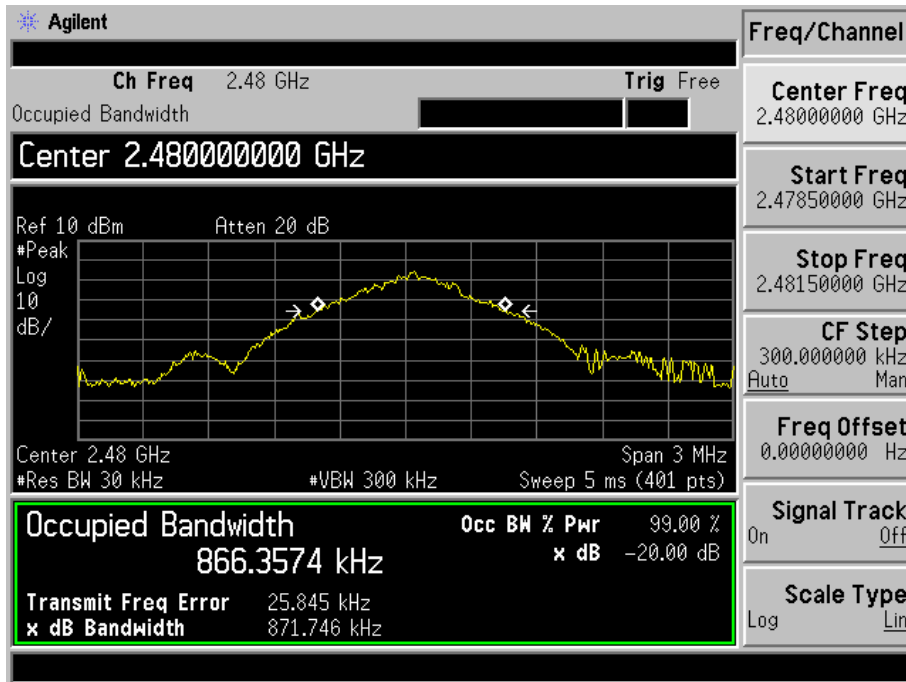
Low Channel:



Middle Channel:



High Channel:



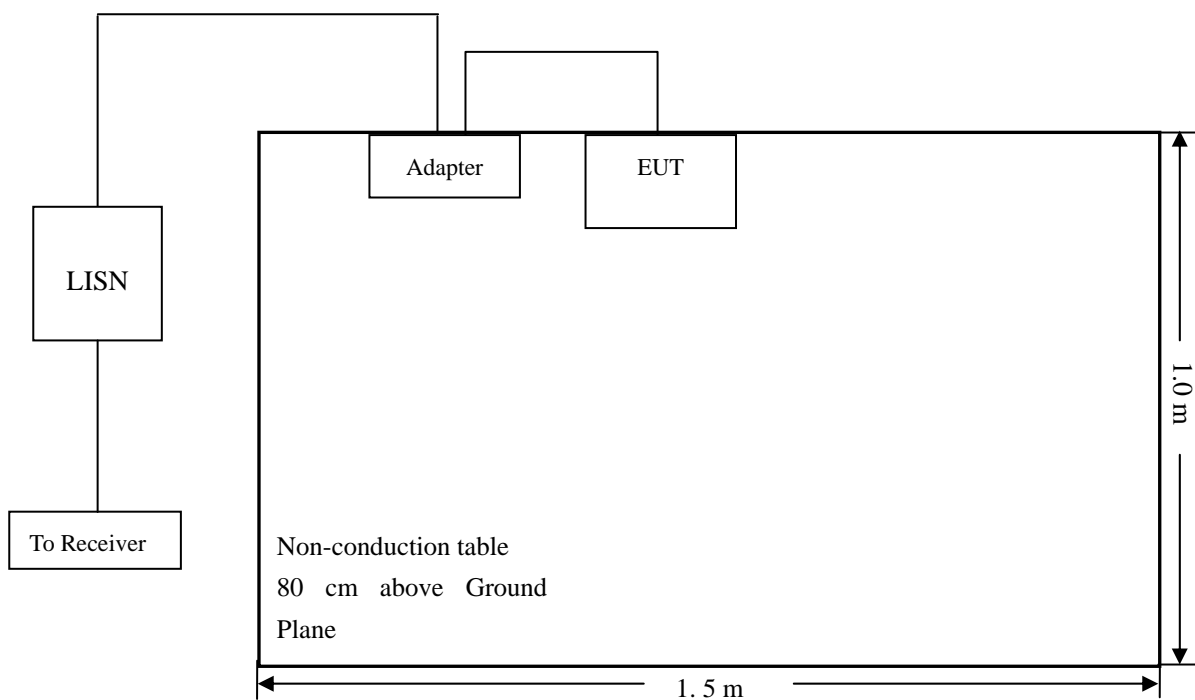
7. Conducted Emissions

7.1 Test Procedure

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15.207 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle. The spacing between the peripherals was 10 cm.

7.2 Basic Test Setup Block Diagram



7.3 Environmental Conditions

Temperature:	25 °C
Relative Humidity:	52%
ATM Pressure:	1012 mbar

7.4 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency 150 kHz
Stop Frequency..... 30 MHz
Sweep Speed Auto
IF Bandwidth..... 10 kHz
Quasi-Peak Adapter Bandwidth 9 kHz
Quasi-Peak Adapter Mode Normal

7.5 Summary of Test Results/Plots

According to the data in section 7.6, the EUT complied with the FCC Part 15.207 Conducted margin for this device, with the *worst* margin reading of:

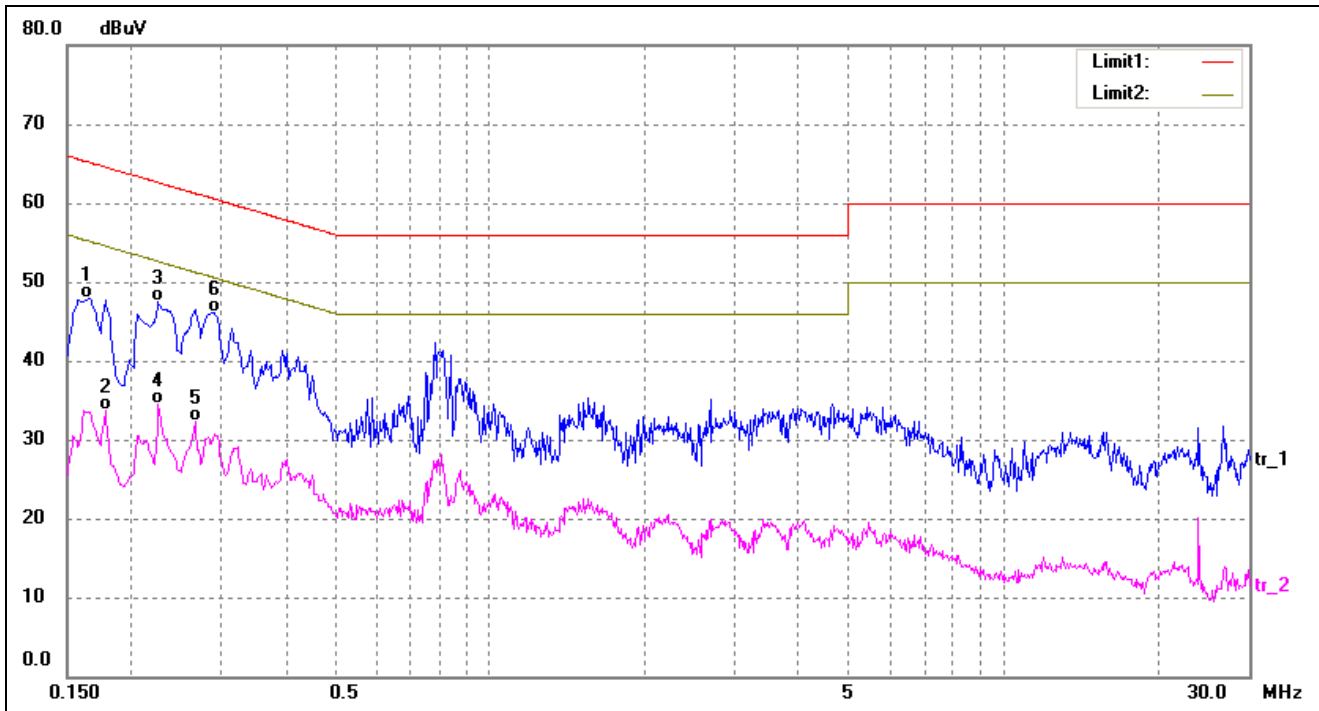
-10.09 dB at 0.7980 MHz in the Line mode, QP detector, 0.15-30MHz

7.6 Conducted Emissions Test Data

Plot of Conducted Emissions Test Data

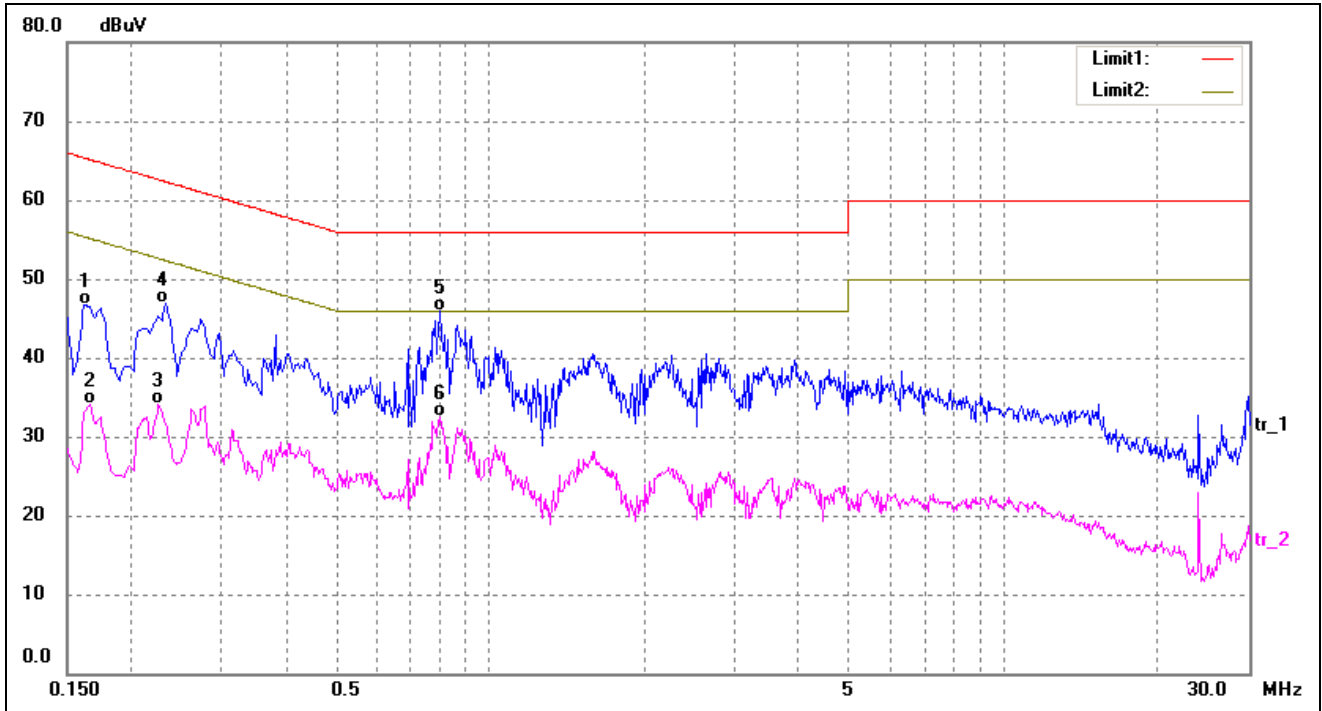
EUT: *Fitness Wristband*
 Tested Model: *HW330*
 Operating Condition: *Transmitting*
 Comment: *AC 120V/60Hz; Adapter DC 5V*

Test Specification: *Neutral*



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1660	38.16	9.83	47.99	65.15	-17.16	QP
2	0.1780	23.86	9.82	33.68	54.57	-20.89	AVG
3	0.2260	37.65	9.80	47.45	62.59	-15.14	QP
4	0.2260	24.68	9.80	34.48	52.59	-18.11	AVG
5	0.2660	22.55	9.80	32.35	51.24	-18.89	AVG
6*	0.2900	36.30	9.80	46.10	60.52	-14.42	QP

Test Specification: Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1620	36.95	9.84	46.79	65.36	-18.57	QP
2	0.1660	24.26	9.83	34.09	55.15	-21.06	AVG
3	0.2260	24.32	9.80	34.12	52.59	-18.47	AVG
4	0.2340	37.18	9.80	46.98	62.30	-15.32	QP
5*	0.7980	36.13	9.78	45.91	56.00	-10.09	QP
6	0.7980	22.82	9.78	32.60	46.00	-13.40	AVG

***** END OF REPORT *****