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RF

TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

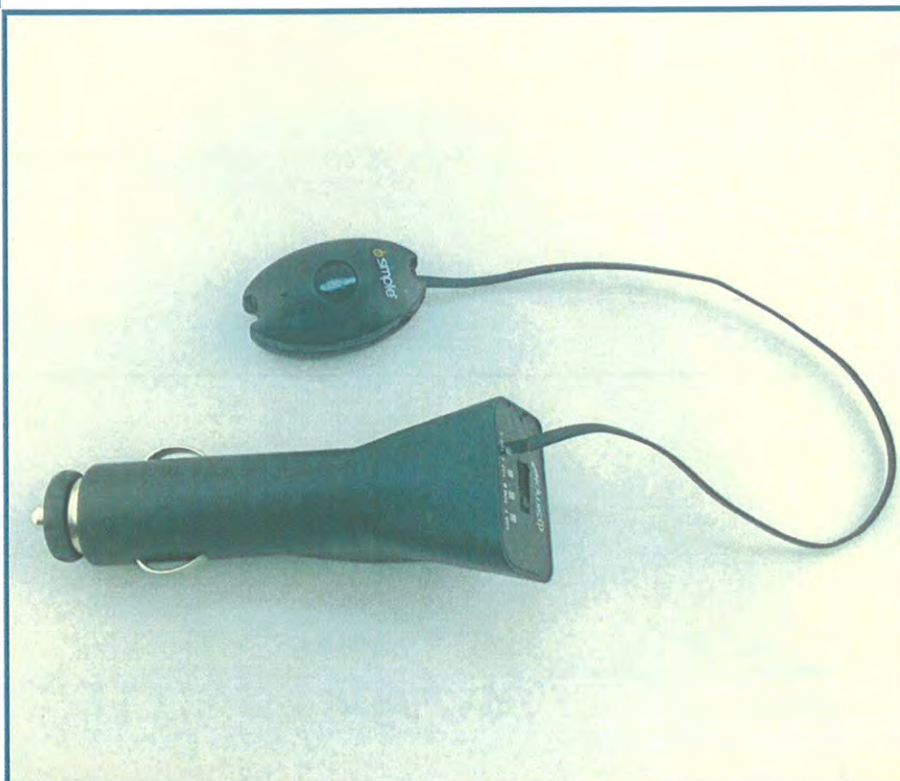


FOR

Bluetooth audio with FM transmitter and charger

ISSUED TO
AAMP of Florida, dba AAMP of America

13190 56th Court, Suite 401, Clearwater, FL 33760



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Date Dec 9, 2014

Approved by: Wei Yanquan

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(Chief Engineer)

Date Dec 9, 2014

Report No.: BL-SZ1470121-602

EUT Type: Bluetooth audio with FM transmitter
and charger

Model Name: ISBT42

Brand Name: iSimple

Test Standard: 47 CFR Part 15 Subpart C

FCC ID: XBD-ISBT4

Test conclusion: PASS

Test Date: Aug 18, 2014 ~ Aug 28, 2014

Date of Issue: Dec 9, 2014

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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions</u>
<u>Rev. 01</u>	<u>Dec 9, 2014</u>	<u>Initial Issue</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6683 3402
Fax Number	+86 755 6182 4271

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory has been listed by US Federal Communications Commission to perform electromagnetic emission measurements. The recognition numbers of test site are 832625. The laboratory has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ISO/IEC Standard 17025:2005. The accreditation certificate number is TL-588. The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Announce

- (1) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (2) The test report is invalid if there is any evidence and/or falsification.
- (3) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (4) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	AAMP of Florida, dba AAMP of America
Address	13190 56th Court, Suite 401, Clearwater, FL 33760

2.2 Manufacturer

Manufacturer	Skytech Creations Limited
Address	Qiaotou Industrial district, Qiaoli Zone, Changping town, Dongguan

2.3 General Description for Equipment under Test (EUT)

EUT Type	Bluetooth audio with FM transmitter and charger
Model Name	ISBT42
Hardware Version	N/A
Software Version	N/A
Network and Wireless connectivity	FM, BT3.0
About the Product	The equipment is Bluetooth audio receiver with FM transmitter battery, operating at 2.4GHz ISM band and 88MHz to 108MHz band, only FM was tested in this report.

2.4 Technical Information

TX Operating Range	88-108 MHz
Modulation Type	FM
Antenna Type	Wire Antenna
Antenna Gain	0dBi

2.5 Ancillary Equipment

Ancillary Equipment	Audio line
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3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15, Subpart C (12-30-13 Edition)	Intentional Radiators
3	ANSI C63.4-2014	American National Standard for 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
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Emissions Bandwidth	15.239(a)	ANNEX A.1	PASS
2	Field Strength of Fundamental Emissions	15.239(b)	ANNEX A.2	PASS
3	Radiated Emissions	15.209(a)	ANNEX A.3	PASS

3.3 Table for Carrier Frequency

Frequency Band	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
106.7~107.3MHz	1	106.7	3	107.1
	2	106.9	4	107.3

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity (%)	45 - 55	
Atmospheric Pressure (kPa)	90 - 96	
Temperature	NT (Normal Temperature)	+22°C to +25°C
Working Voltage of the EUT	NV (Normal Voltage)	DC 12V

4.2 Test Equipment List

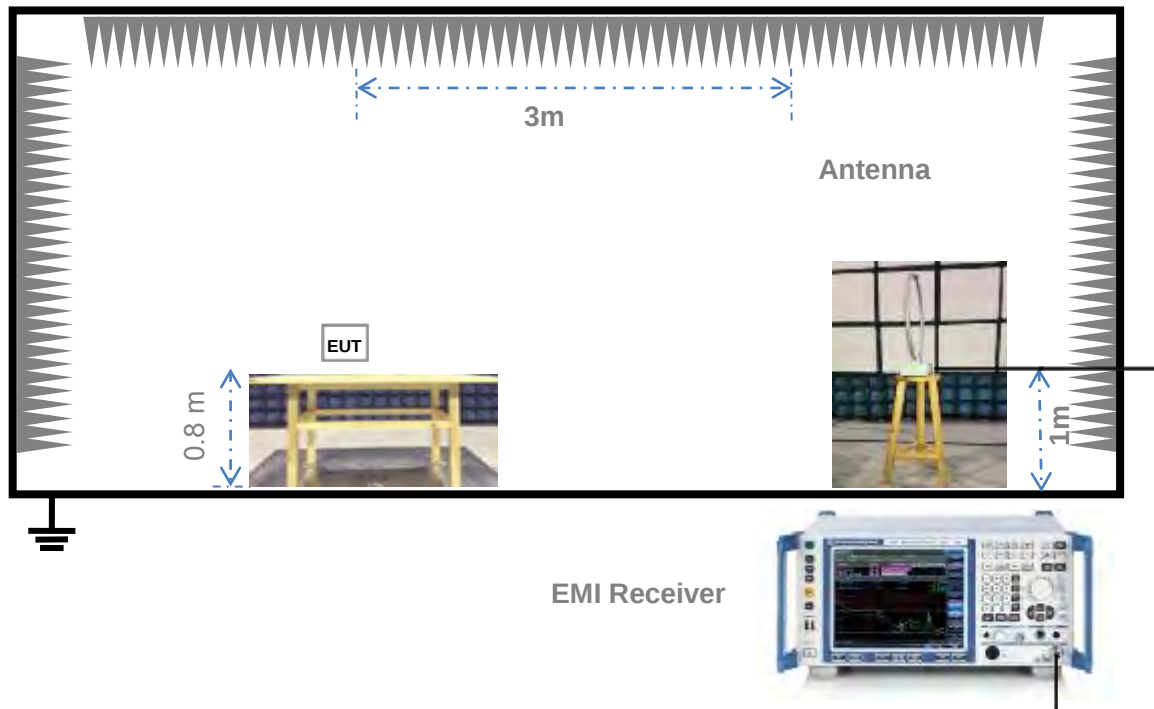
Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	AGILENT	E4440A	MY45304434	2014.07.07	2015.07.06
Spectrum Analyzer	ROHDE&SCHWARZ	FSL3	103640/003	2014.07.07	2015.07.06
Bluetooth Tester	ROHDE&SCHWARZ	CBT	101005	2014.07.07	2015.07.06
Power Splitter	KMW	DCPD-LDC	1305003215	2014.07.07	2015.07.06
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2014.07.07	2015.07.06
Attenuator (20dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6dB)	KMW	ZA-S1-61	1305003189	--	--
DC Power Supply	ROHDE&SCHWARZ	HMP2020	018141664	2014.07.07	2015.07.06
Temperature Chamber	ANGELANTIONI SCIENCE	NTH64-40A	1310	2014.07.07	2015.07.06
Test Antenna-Loop(9kHz-30MHz)	SCHWARZBECK	FMZB 1519	1519-037	2013.07.03	2015.07.02
Test Antenna-Bi-Log(30MHz-3G Hz)	SCHWARZBECK	VULB 9163	9163-624	2013.07.02	2015.07.01
Test Antenna-Horn(1-18GHz)	SCHWARZBECK	BBHA 9120D	9120D-1148	2013.07.02	2015.07.01
Test Antenna-Horn(15-26.5GHz)	SCHWARZBECK	BBHA 9170	9170-305	2013.07.02	2015.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2014.10.07	2015.10.06

4.3 Test Configurations

Test Configurations (TC) NO.	Description	
	Signal Description	Operating Frequency
Transmitter		
TC01	FM	LOW/106.7MHz
TC02	FM	MIDDLE/106.9MHz
TC03	FM	HIGH/107.3MHz

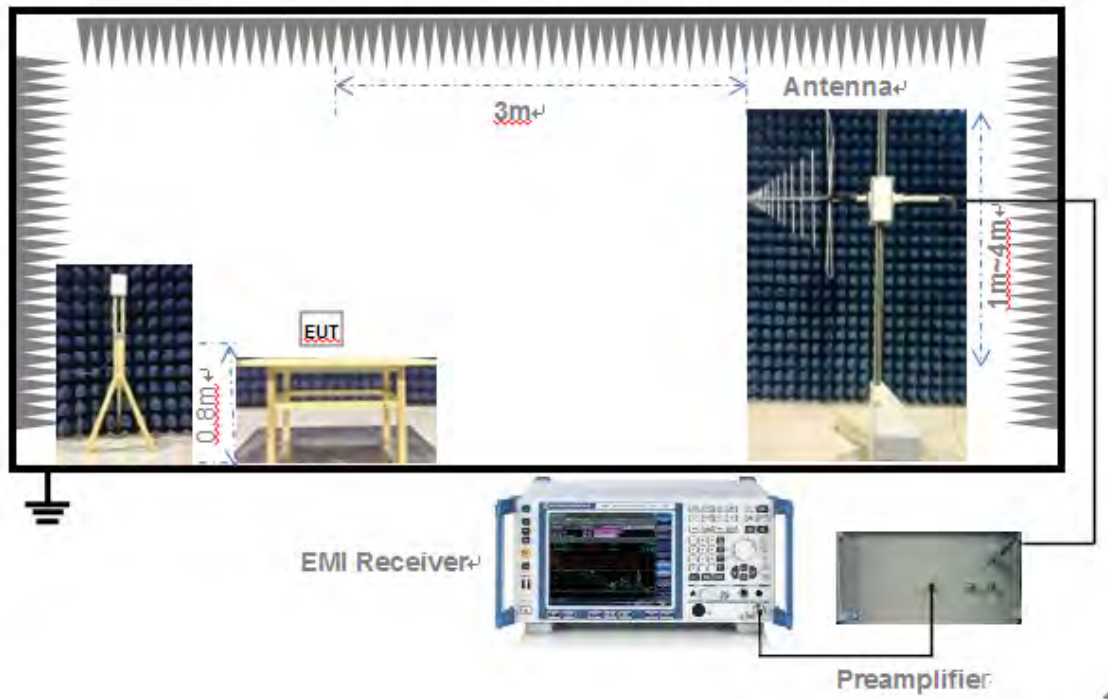
4.4 Description of Test Setup

4.4.1 For Radiated Test (Below 30MHz)



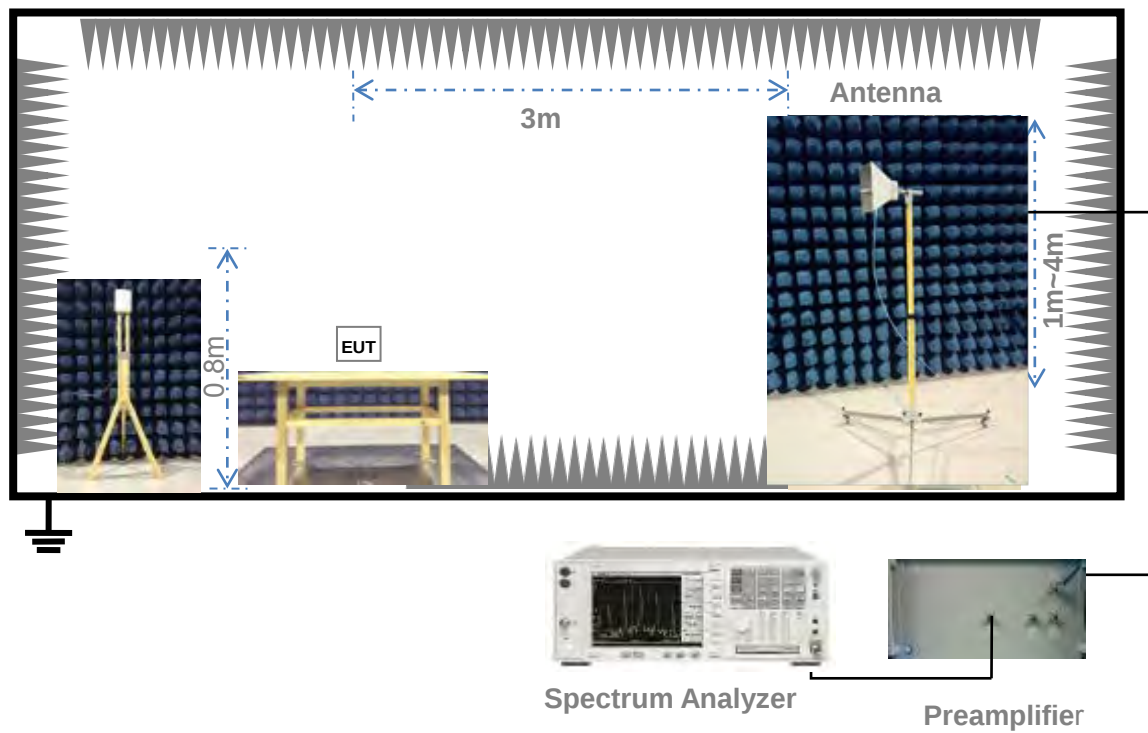
(Diagram 1)

4.4.2 For Radiated Test (30MHz-1GHz)



(Diagram 2)

4.4.3 For Radiated Test (Above 1GHz)



(Diagram 3)

4.5 Test Conditions

Test Case	Test Conditions		
	Test Env.	Test Setup ^{Note 1}	Test Configuration ^{Note 2}
Field Strength of Fundamental Emissions	NTNV	Test Setup 2	TC01-TC03
Radiated Emissions	NTNV	Test Setup 1 Test Setup 2 Test Setup 3	TC01-TC03
Emission Bandwidth	NTNV	Test Setup 2	TC01-TC03
Note: 1. Please refer to section 4.4 for test setup details. 2. Please refer to section 4.3 for test setup details.			

5 TEST ITEMS

5.1 Antenna Requirements

5.1.1 Standard Applicable

FCC §15.203 & 15.247(b)

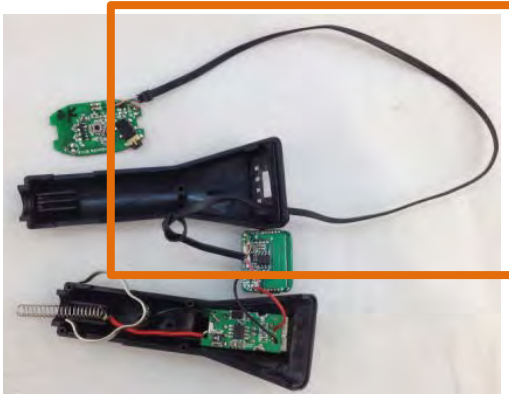
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. 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 FCC rule.

5.1.2 Antenna Anti-Replacement Construction

The Antenna Anti-Replacement as following method:

Protected Method	Description
The antenna is An embedded-in	The antenna is welded on the mainboard, can't be replaced by the consumer

Reference Documents	Item
Photo	

5.1.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

5.2 Emission Bandwidth

5.2.1 Limit

FCC §15.239

Emissions from the intentional radiator shall be confined within a band 200 kHz wide centered on the operating frequency. The 200 kHz band shall lie wholly within the frequency range of 88-108 MHz

5.2.2 Test Procedure

Use the following spectrum analyzer settings:

Span = approximately 2 to 3 times the 20 dB bandwidth

RBW $\geq$ 1% of the 20 dB bandwidth

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.3 Field Strength of Fundamental Emissions and Radiated Emissions

5.3.1 Limit

FCC §15.239 & §15.209

The field strength of any emissions within the permitted 200 kHz band shall not exceed 250 microvolts/meter at 3 meters. The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions

Frequency Range of Fundamental (MHz)	Field Strength of Fundamental Emission (Average) (uV/m)
88-108	250

According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)
0.009 - 0.490	2400/F(kHz)
0.490 - 1.705	24000/F(kHz)
1.705 - 30.0	30
30 - 88	100
88 - 216	150
216 - 960	200
Above 960	500

Note:

1. Field Strength (dBμV/m) = 20*log[Field Strength (μV/m)].
2. In the emission tables above, the tighter limit applies at the band edges.
3. For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
4. For above 1000MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).

5.3.2 Test Procedure

The measurement frequency range is from 30MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented. The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3dB lower than the applicable limit, the peak emission level will be reported, Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

ANNEX A TEST RESULT

A.1 Emission Bandwidth

Test Data

Channel	Emission Bandwidth (kHz)	Limit (kHz)	Verdict
LOW	53.147	≤ 200	PASS
MIDDLE	53.946	≤ 200	PASS
HIGH	53.347	≤ 200	PASS

Test plots

LOW Channel



Date: 30.AUG.2014 13:36:59

MIDDLE Channel



Date: 30.AUG.2014 13:38:46

HIGH Channel



Date: 30.AUG.2014 13:36:12

A.2 Field Strength of Fundamental Emissions

Test Data

Field Strength of Fundamental Emissions Value					
Channel	Field Strength (dBuV/m)	Detector	Limit @3m (dBuV/m)	Margin (dB)	Antenna
LOW	42.48	PEAK	67.9	25.42	Vertical
	48.52	PEAK	67.9	19.38	Horizontal
	40.52	AVERAGE	47.9	7.38	Vertical
	43.66	AVERAGE	47.9	4.24	Horizontal
MIDDLE	41.27	PEAK	67.9	26.63	Vertical
	48.38	PEAK	67.9	19.52	Horizontal
	38.59	AVERAGE	47.9	9.31	Vertical
	44.03	AVERAGE	47.9	3.87	Horizontal
HIGH	41.43	PEAK	67.9	26.47	Vertical
	49.28	PEAK	67.9	18.62	Horizontal
	37.86	AVERAGE	47.9	10.04	Vertical
	43.92	AVERAGE	47.9	3.98	Horizontal

A.3 Radiated Emissions

Note 1: The symbol of “--” in the table which means not application.

Note 2: For the test data above 1GHz, According the ANSI C63.4-2014, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

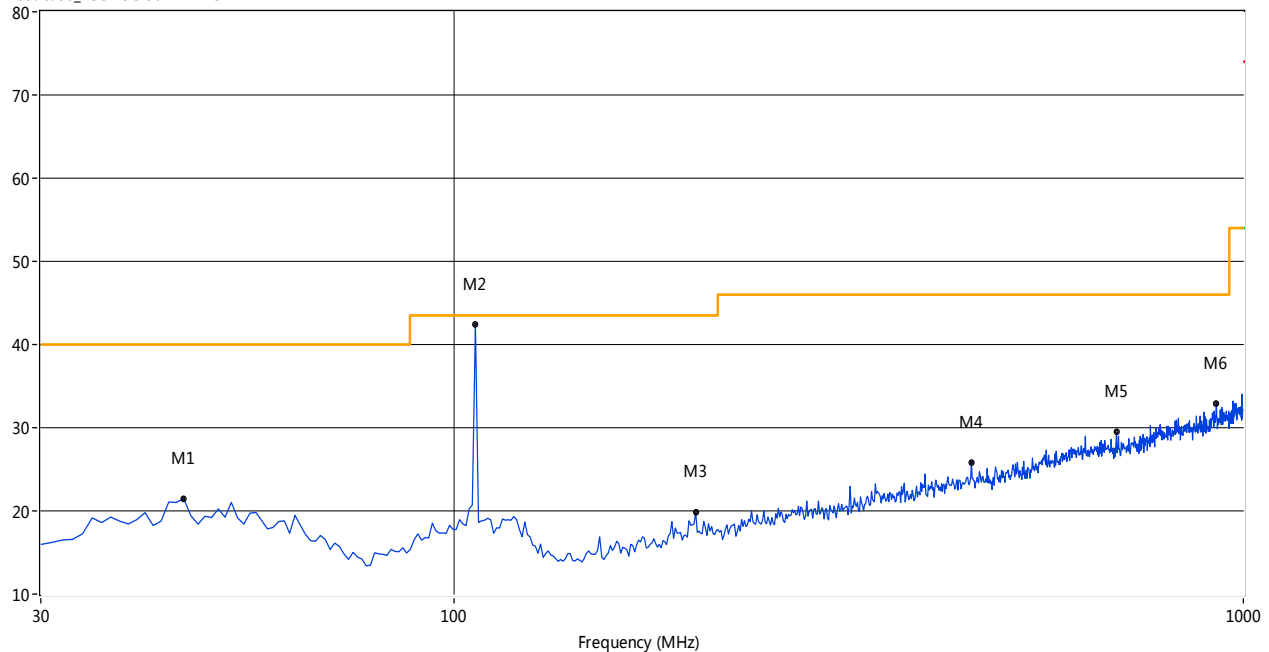
Note 3: The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

Note 4: The marked spikes near 107MHz with circle should be ignored because they are Fundamental signal.

Test Data and Plots(30MHz ~ 10th Harmonic)

LOW Chananl, 30MHz to 1GHz, ANT V

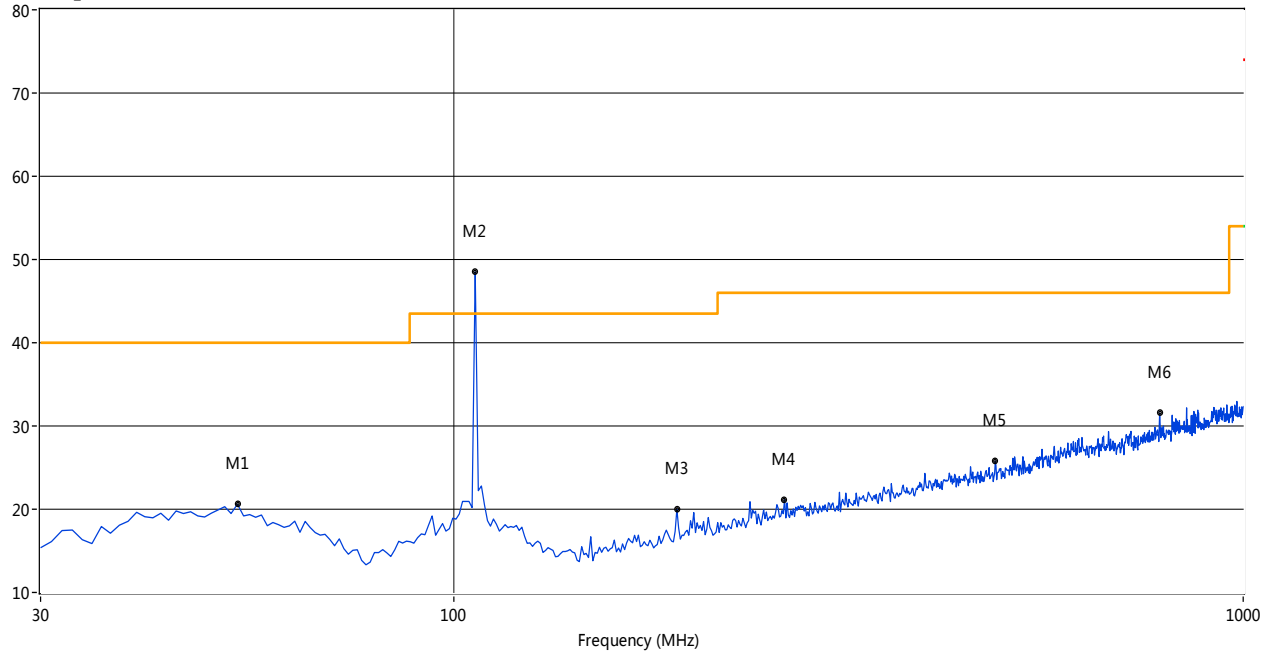
RE Test case_FCC 15C 30MHz-1GHz



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
45.50	21.48	--	--	-18.11	--	40.0	--	18.52	152.20	100	Vertical	PASS
106.70	42.48	--	40.52	-19.62	67.9	--	47.9	7.38	246.80	100	Vertical	PASS
202.49	19.87	--	--	-19.83	--	43.5	--	23.63	251.70	100	Vertical	PASS
452.50	25.86	--	--	-13.73	--	46.0	--	20.14	0.60	100	Vertical	PASS
690.88	29.46	--	--	-9.07	--	46.0	--	16.54	125.70	100	Vertical	PASS
924.42	32.89	--	--	-4.75	--	46.0	--	13.11	-0.00	100	Vertical	PASS

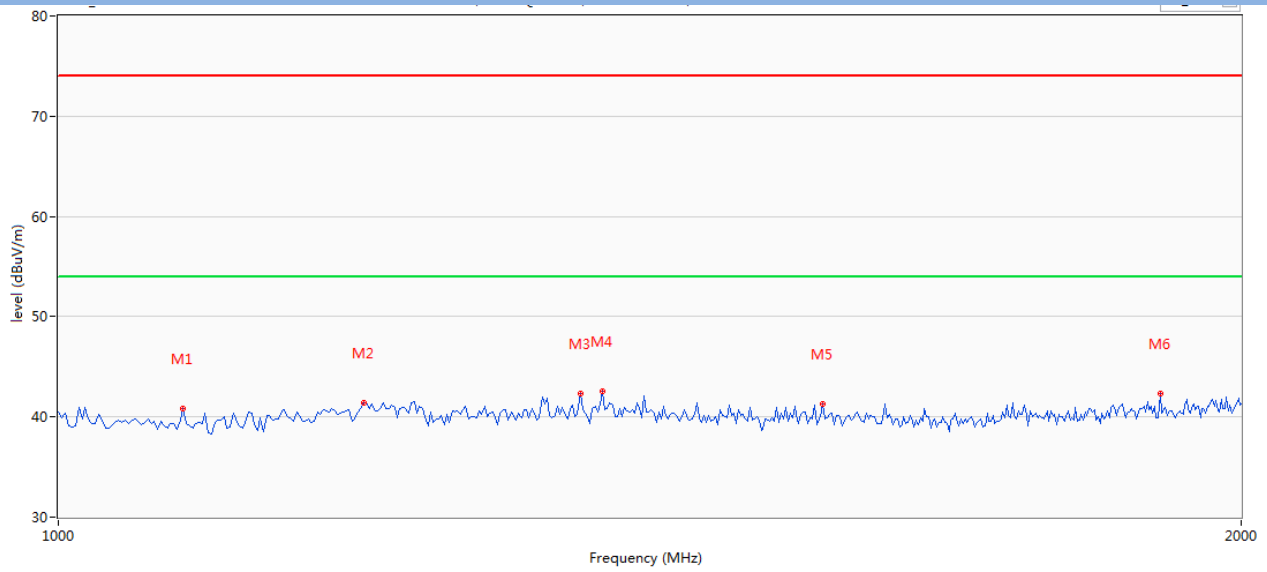
LOW ChananI, 30MHz to 1GHz, ANT H

RE Test case_FCC 15C 30MHz-1GHz



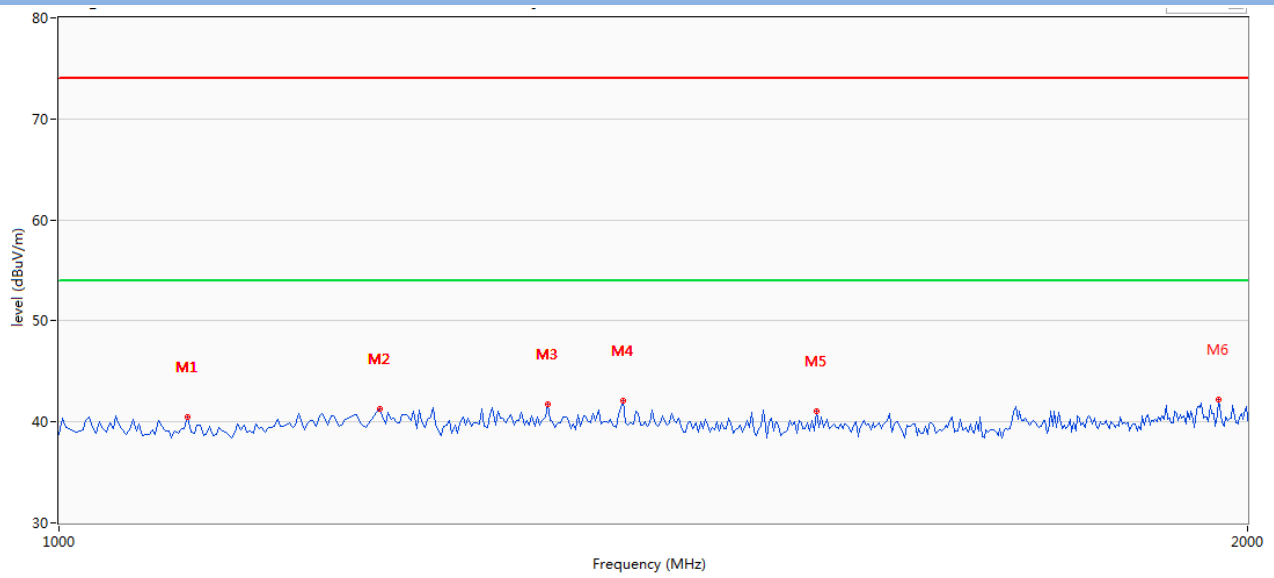
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
53.26	20.59	--	--	-18.11	--	40.0	--	19.41	247.50	100	Horizontal	PASS
106.70	48.52	--	43.66	-19.65	67.9	--	47.9	-4.24	360.00	100	Horizontal	PASS
191.83	20.01	--	--	-20.51	--	43.5	--	23.49	357.40	100	Horizontal	PASS
262.57	21.14	--	--	-18.22	--	46.0	--	24.86	287.40	100	Horizontal	PASS
485.44	25.79	--	--	-13.22	--	46.0	--	20.21	165.30	100	Horizontal	PASS
783.91	31.54	--	--	-7.12	--	46.0	--	14.46	51.10	100	Horizontal	PASS

LOW Chananl, 1GHz to 2GHz, ANT V



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1075.92	40.81			-5.07	74.0	--	54.0	13.19	219.90	100	Vertical	PASS
1195.80	41.40			-4.28	74.0	--	54.0	12.60	360.00	100	Vertical	PASS
1357.64	42.32			-4.18	74.0	--	54.0	11.68	309.10	100	Vertical	PASS
1375.62	42.52			-4.20	74.0	--	54.0	11.48	360.00	100	Vertical	PASS
1565.43	41.27			-4.43	74.0	--	54.0	12.73	336.80	100	Vertical	PASS
1907.09	42.32			-3.13	74.0	--	54.0	11.68	302.50	100	Vertical	PASS

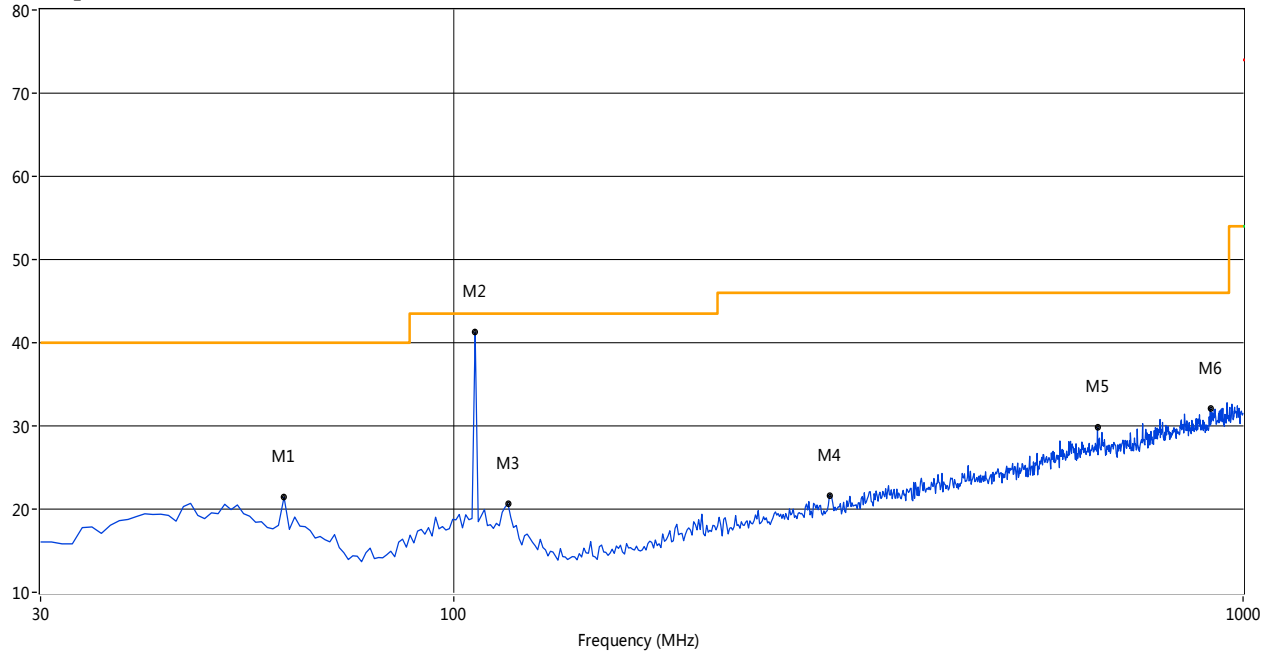
LOW Chanani, 1GHz to 2GHz, ANT H



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1077.92	40.44			-5.06	74.0	--	54.0	13.56	178.70	100	Horizontal	PASS
1205.79	41.27			-4.06	74.0	--	54.0	12.73	247.20	100	Horizontal	PASS
1329.67	41.80			-4.10	74.0	--	54.0	12.20	295.90	100	Horizontal	PASS
1389.61	42.05			-4.32	74.0	--	54.0	11.95	344.20	100	Horizontal	PASS
1555.44	41.07			-4.40	74.0	--	54.0	12.93	192.70	100	Horizontal	PASS
1967.03	42.22			-2.90	74.0	--	54.0	11.78	254.20	100	Horizontal	PASS

MIDDLE ChananI, 30MHz to 1GHz, ANT V

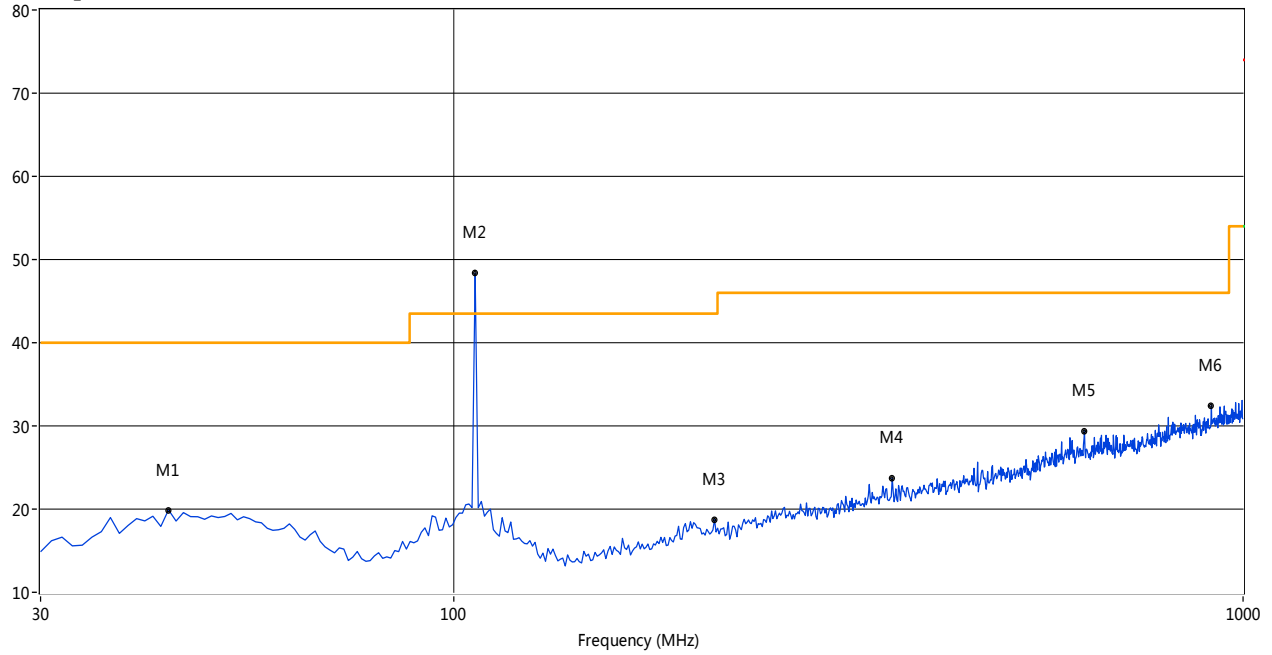
RE Test case_FCC 15C 30MHz-1GHz



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
61.01	--	21.44	--	-19.67	--	40.0	--	18.56	184.40	100	Vertical	PASS
106.90	41.27	--	38.59	-19.74	67.9	43.5	47.9	9.31	86.90	100	Vertical	PASS
117.21	--	20.65	--	-20.86	--	43.5	--	22.85	148.80	100	Vertical	PASS
299.39	--	21.62	--	-17.30	--	46.0	--	24.38	28.10	100	Vertical	PASS
654.06	--	29.82	--	-9.43	--	46.0	--	16.18	2.20	100	Vertical	PASS
908.91	--	32.16	--	-5.03	--	46.0	--	13.84	357.70	100	Vertical	PASS

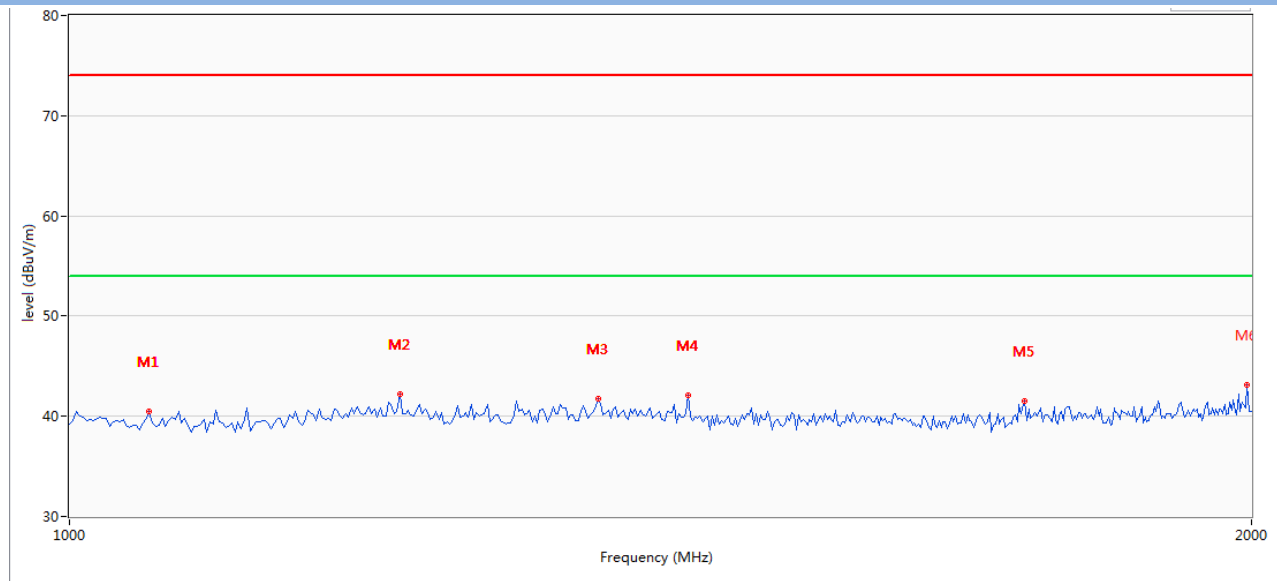
MIDDLE ChananI, 30MHz to 1GHz, ANT H

RE Test case_FCC 15C 30MHz-1GHz



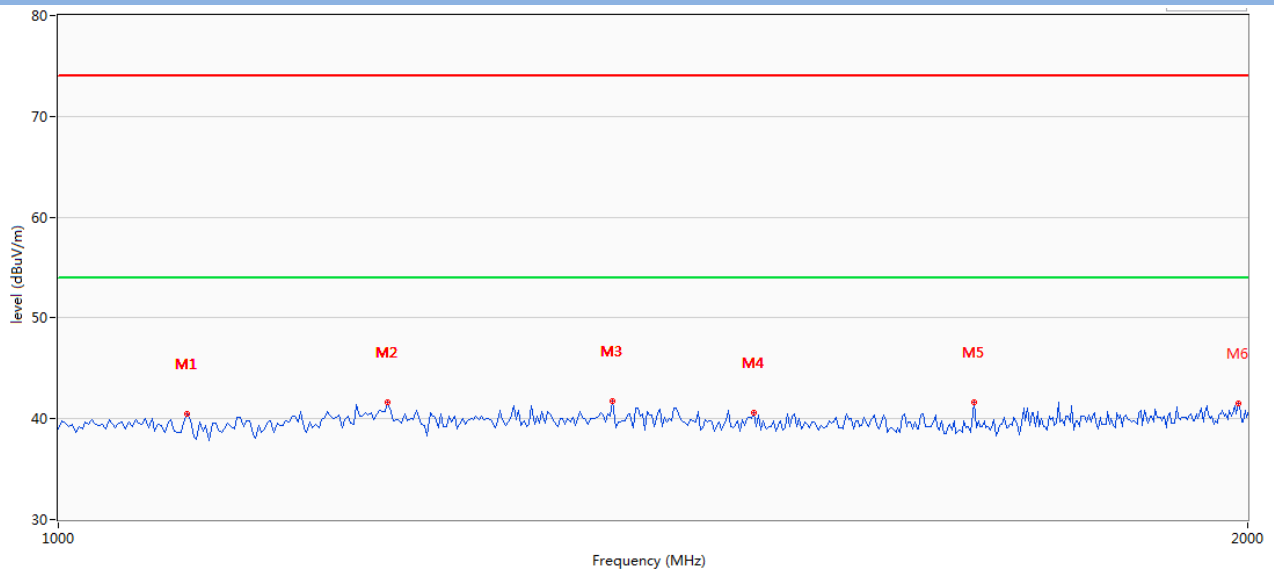
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
43.57	--	19.90	--	-18.24	--	40.0	--	20.10	359.90	100	Horizontal	PASS
106.90	48.38	--	44.03	-19.78	67.9	--	47.9	-3.87	4.20	100	Horizontal	PASS
214.12	--	18.74	--	-19.76	--	43.5	--	24.76	355.00	100	Horizontal	PASS
359.47	--	23.76	--	-15.59	--	46.0	--	22.24	46.20	100	Horizontal	PASS
629.83	--	29.42	--	-9.78	--	46.0	--	16.58	360.00	100	Horizontal	PASS
911.82	--	32.43	--	-4.94	--	46.0	--	13.57	359.90	100	Horizontal	PASS

MIDDLE Chananl, 1GHz to 2GHz, ANT V



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1047.95	40.47			-5.17	74.0	--	54.0	13.53	261.50	100	Vertical	PASS
1213.79	42.17			-4.12	74.0	--	54.0	11.83	179.10	100	Vertical	PASS
1363.64	41.76			-4.10	74.0	--	54.0	12.24	13.50	100	Vertical	PASS
1437.56	42.10			-4.13	74.0	--	54.0	11.90	75.80	100	Vertical	PASS
1751.25	41.54			-3.72	74.0	--	54.0	12.46	96.40	100	Vertical	PASS
1995.01	43.17			-2.89	74.0	--	54.0	10.83	75.80	100	Vertical	PASS

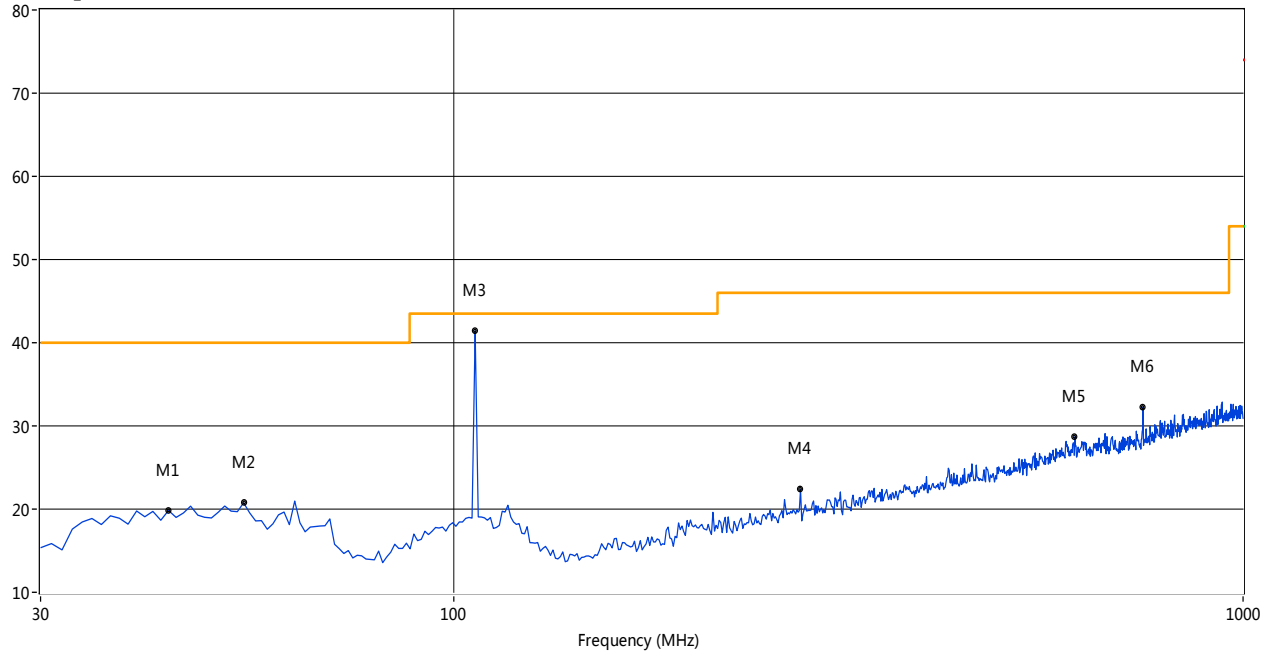
MIDDLE Chananl, 1GHz to 2GHz, ANT H



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1077.92	40.52			-5.06	74.0	--	54.0	13.48	263.30	100	Horizontal	PASS
1211.79	41.66			-4.11	74.0	--	54.0	12.34	222.10	100	Horizontal	PASS
1381.62	41.70			-4.33	74.0	--	54.0	12.30	311.80	100	Horizontal	PASS
1499.50	40.61			-4.32	74.0	--	54.0	13.39	-0.00	100	Horizontal	PASS
1705.30	41.60			-4.05	74.0	--	54.0	12.40	277.00	100	Horizontal	PASS
1989.01	41.49			-2.76	74.0	--	54.0	12.51	4.80	100	Horizontal	PASS

HIGH Chananl, 30MHz to 1GHz, ANT V

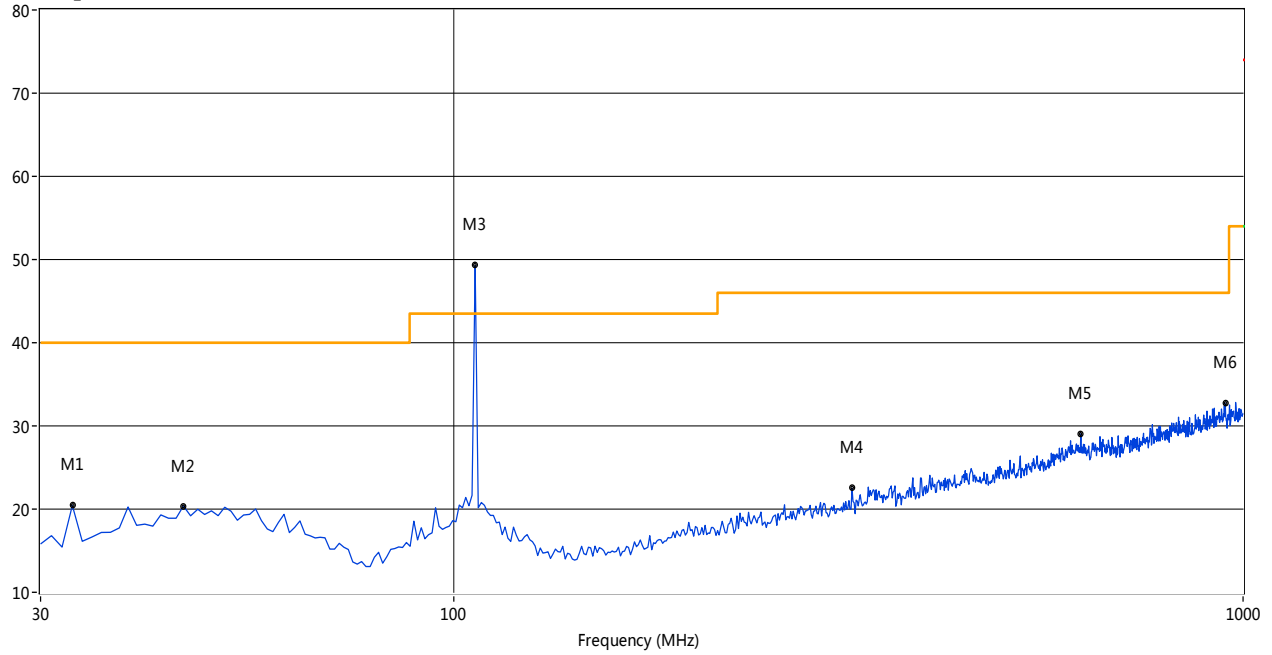
RE Test case_FCC 15C 30MHz-1GHz



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
43.57	--	19.84	--	-18.24	--	40.0	--	20.16	299.20	100	Vertical	PASS
54.23	--	20.75	--	-18.19	--	40.0	--	19.25	360.00	100	Vertical	PASS
107.30	41.43	--	37.86	-19.87	67.9	--	47.9	10.04	92.80	100	Vertical	PASS
275.16	--	22.35	--	-17.88	--	46.0	--	23.65	249.00	100	Vertical	PASS
612.39	--	28.70	--	-10.08	--	46.0	--	17.30	360.00	100	Vertical	PASS
747.08	--	32.26	--	-8.09	--	46.0	--	13.74	87.60	100	Vertical	PASS

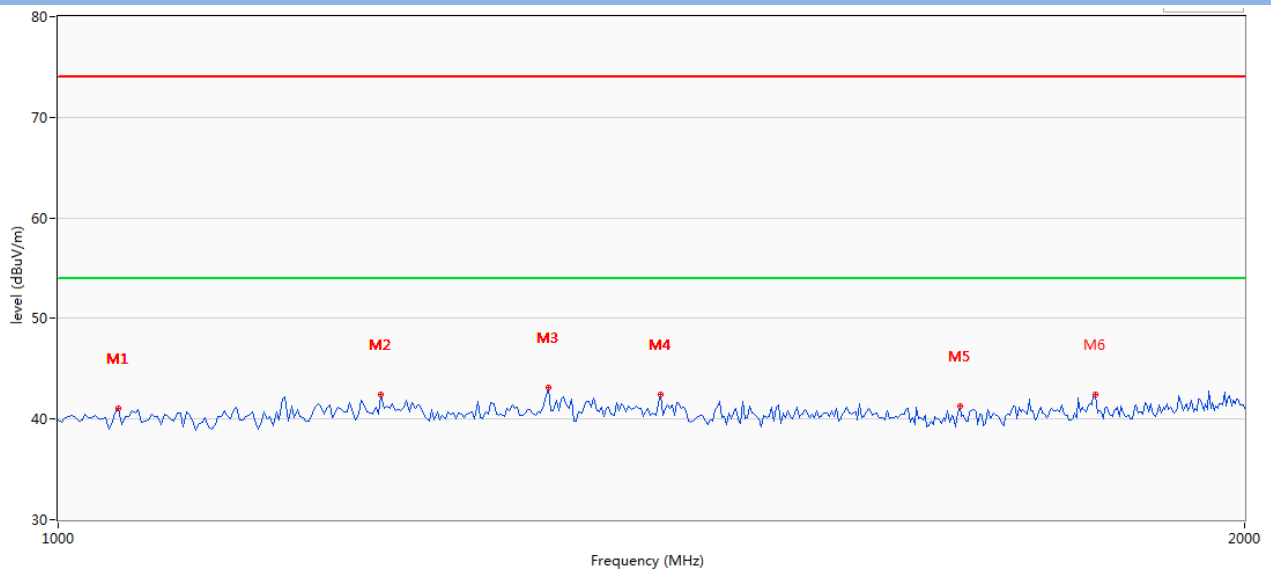
HIGH Chananl, 30MHz to 1GHz, ANT H

RE Test case_FCC 15C 30MHz-1GHz



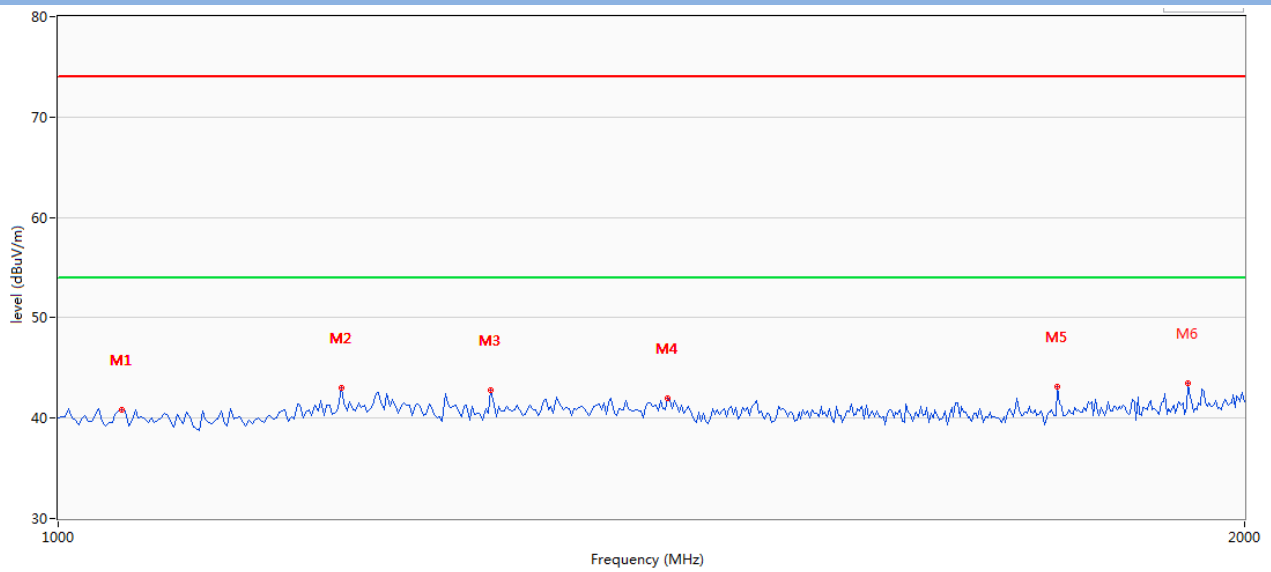
Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
32.91	--	20.43	--	-21.26	--	40.0	--	19.57	252.10	100	Horizontal	PASS
45.50	--	20.38	--	-18.11	--	40.0	--	19.62	57.30	100	Horizontal	PASS
107.30	49.28	--	43.92	-19.88	67.9	--	47.9	3.98	2.80	100	Horizontal	PASS
319.74	--	22.52	--	-16.84	--	46.0	--	23.48	360.00	100	Horizontal	PASS
623.05	--	29.05	--	-9.84	--	46.0	--	16.95	247.30	100	Horizontal	PASS
949.61	--	32.67	--	-4.21	--	46.0	--	13.33	266.20	100	Horizontal	PASS

HIGH Chanani, 1GHz to 2GHz, ANT V



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1035.96	41.02			-5.36	74.0	--	54.0	12.98	298.10	100	Vertical	PASS
1207.79	42.45			-4.03	74.0	--	54.0	11.55	-0.00	100	Vertical	PASS
1331.67	43.18			-4.12	74.0	--	54.0	10.82	229.90	100	Vertical	PASS
1421.58	42.40			-4.08	74.0	--	54.0	11.60	0.50	100	Vertical	PASS
1693.31	41.30			-4.01	74.0	--	54.0	12.70	99.50	100	Vertical	PASS
1833.17	42.39			-3.69	74.0	--	54.0	11.61	99.50	100	Vertical	PASS

HIGH Chananl, 1GHz to 2GHz, ANT H



Frequency (MHz)	Peak Level (dBuV/m)	Q-peak Level (dBuV/m)	Average Level (dBuV/m)	Factor (dB)	PK Limit (dBuV/m)	QP Limit (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)	Table (o)	Height (cm)	ANT	Verdict
1037.96	40.83			-5.29	74.0	--	54.0	13.17	27.10	100	Horizontal	PASS
1179.82	43.01			-4.56	74.0	--	54.0	10.99	275.00	100	Horizontal	PASS
1287.71	42.84			-4.30	74.0	--	54.0	11.16	247.30	100	Horizontal	PASS
1427.57	41.95			-4.06	74.0	--	54.0	12.05	199.30	100	Horizontal	PASS
1793.21	43.13			-3.87	74.0	--	54.0	10.87	89.00	100	Horizontal	PASS
1935.07	43.45			-3.11	74.0	--	54.0	10.55	151.00	100	Horizontal	PASS

ANNEX B TEST SETUP PHOTOS

B.1 Radiated Test Photo



Below 30MHz



30MHz to 1GHz



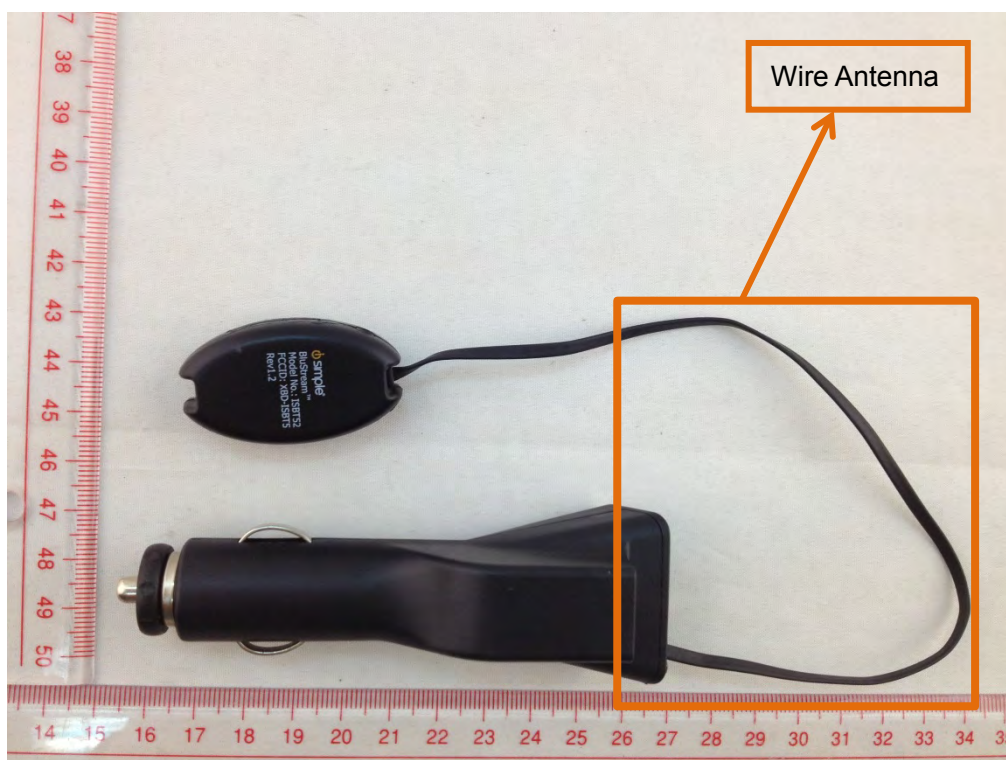
Above 1GHz

ANNEX C EUT PHOTOS

C.1 Appearance of the EUT



THE OVERALL FRONT OF EUT



THE OVERALL BACK OF EUT

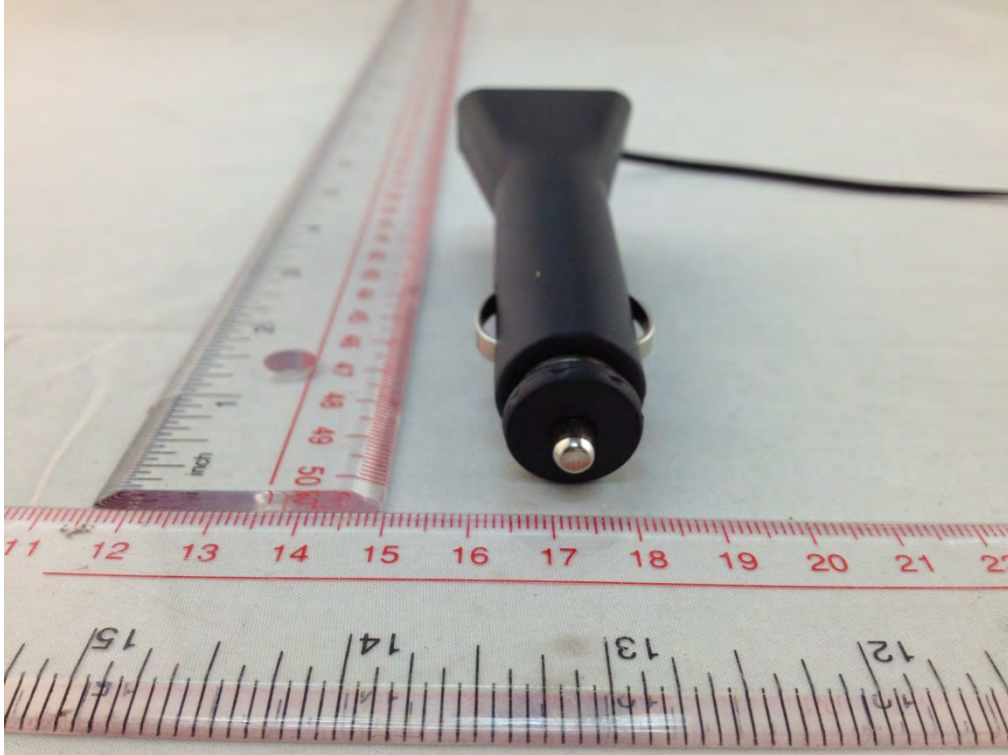
FM PART



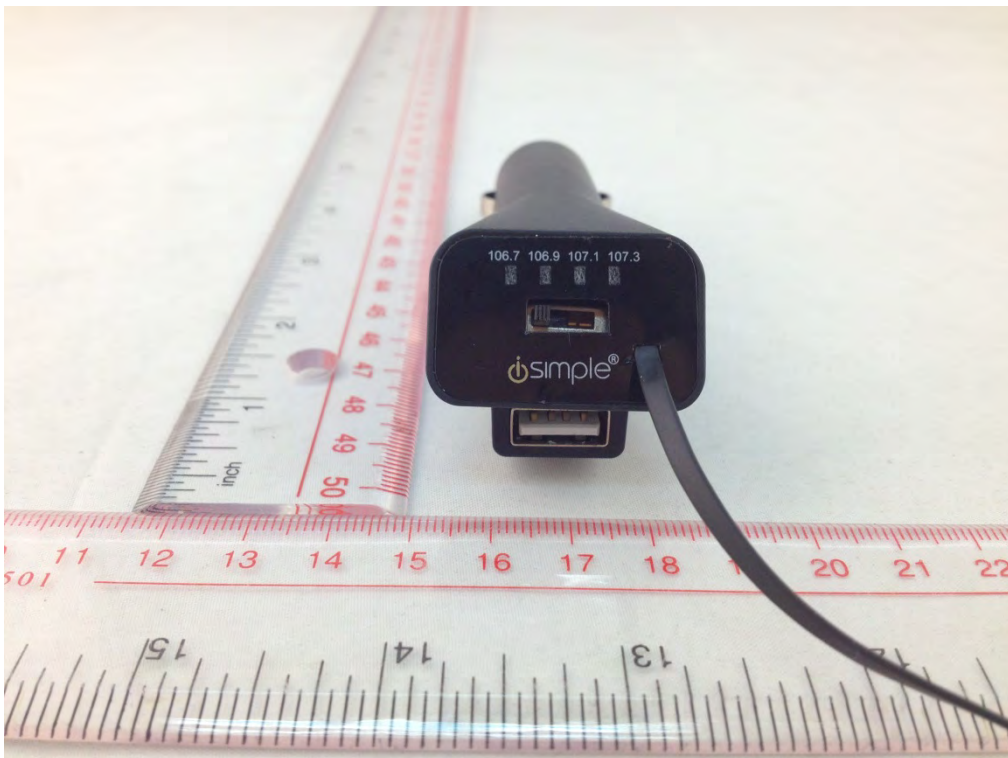
THE FRONT OF FM



THE BACK OF FM



THE DOWN OF FM



THE UP OF FM



THE LEFT OF FM

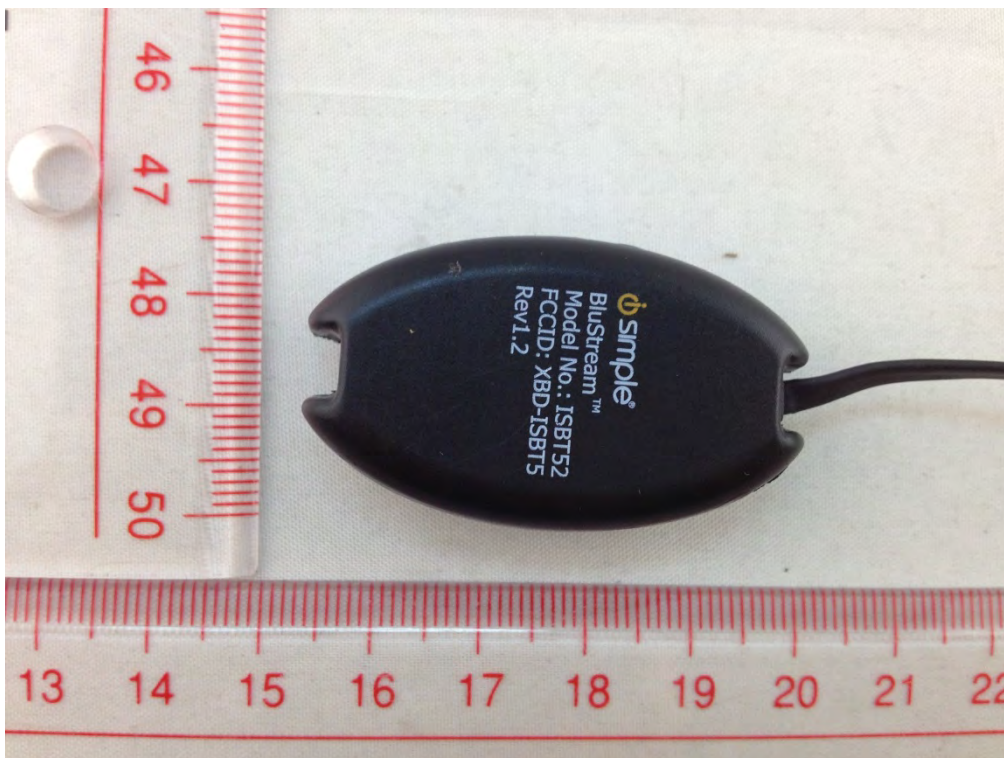


THE RIGHT OF FM

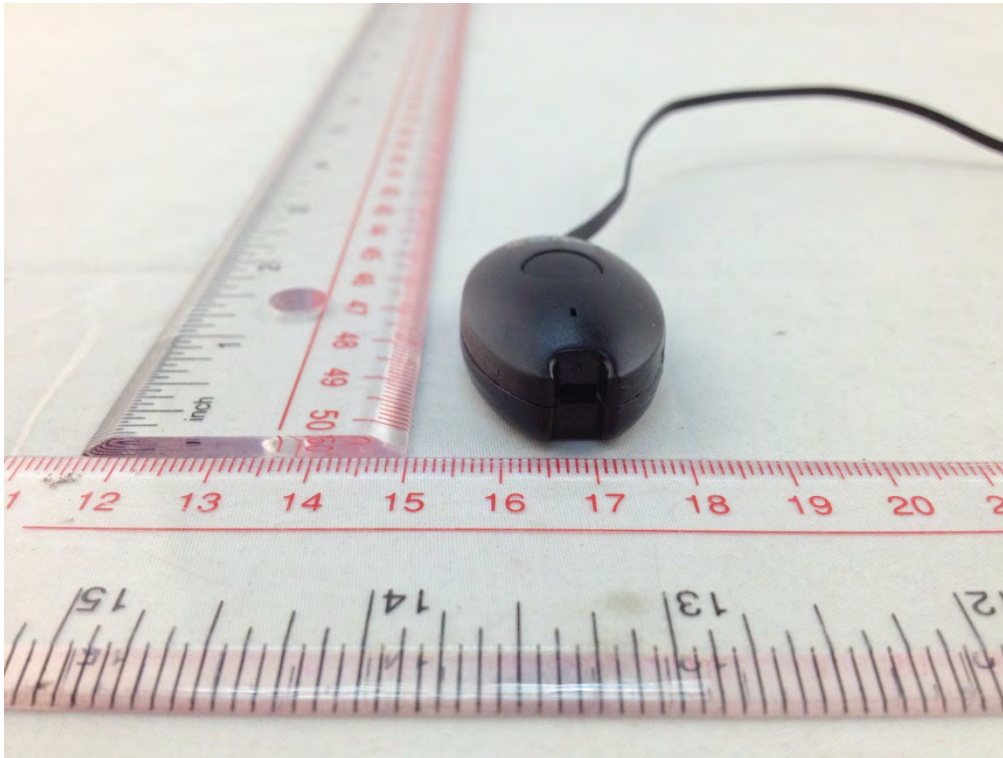
BT PART:



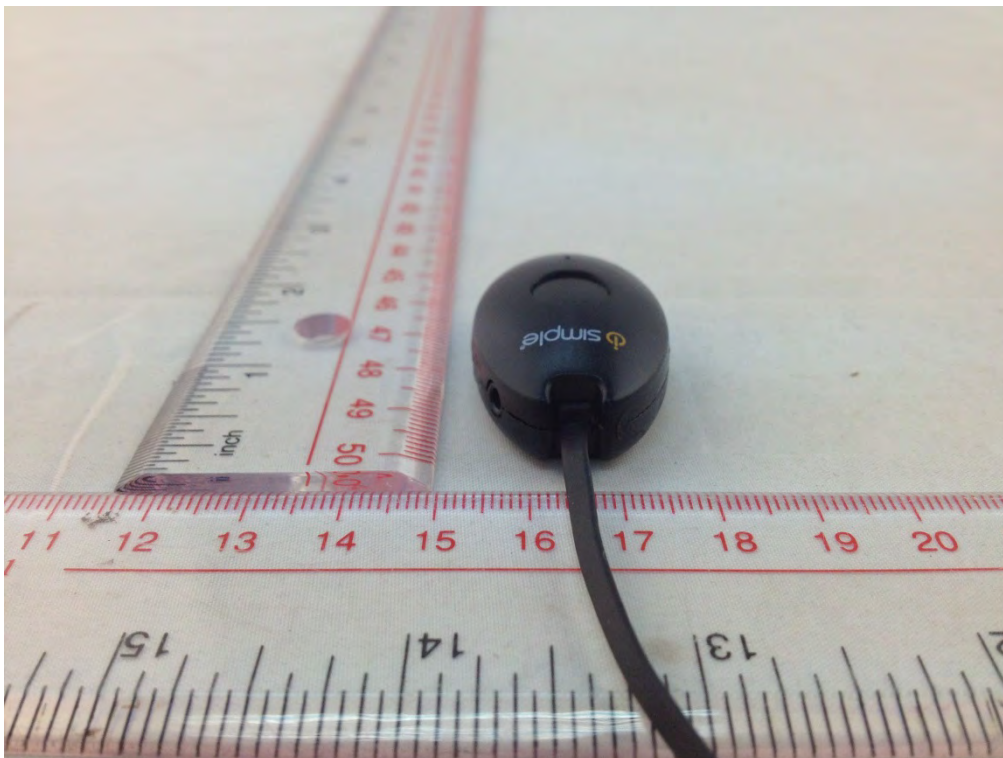
THE FRONT OF BT



THE BACK OF BT



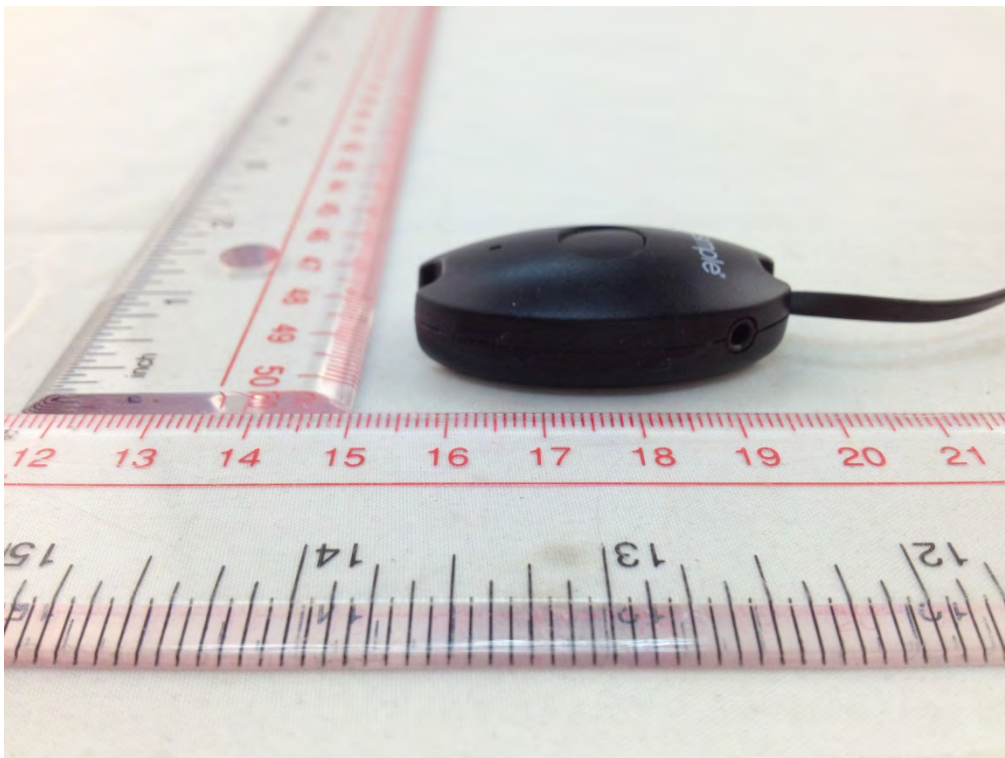
THE DOWN OF BT



THE UP OF BT



THE LEFT OF BT



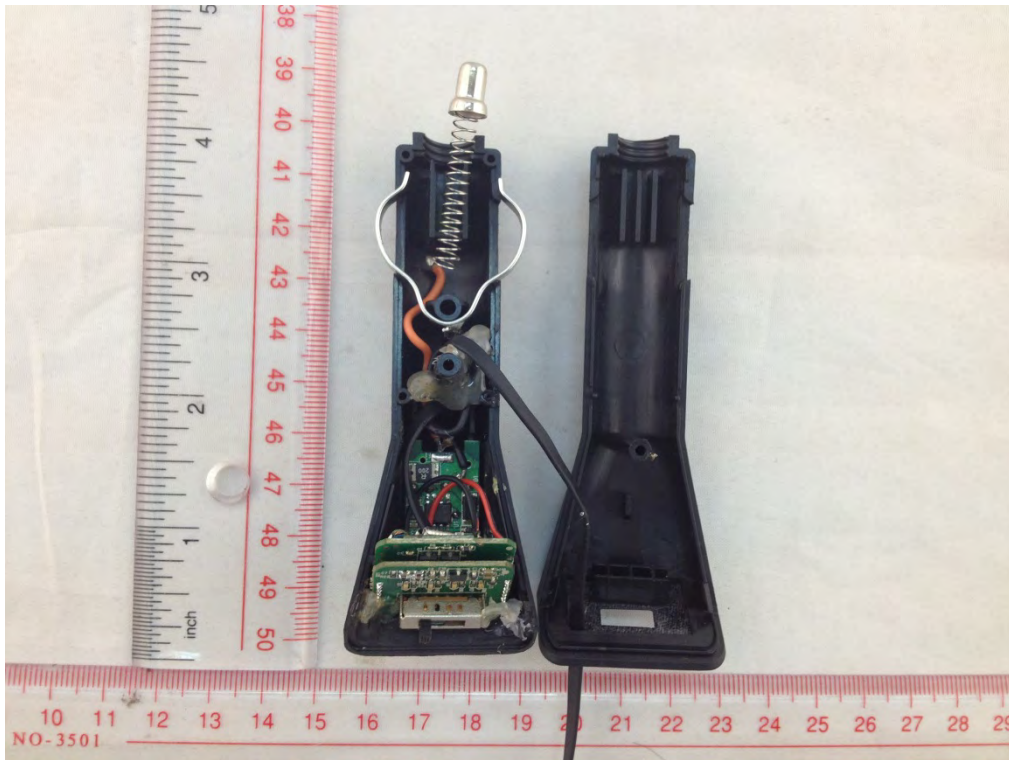
THE RIGHT OF BT



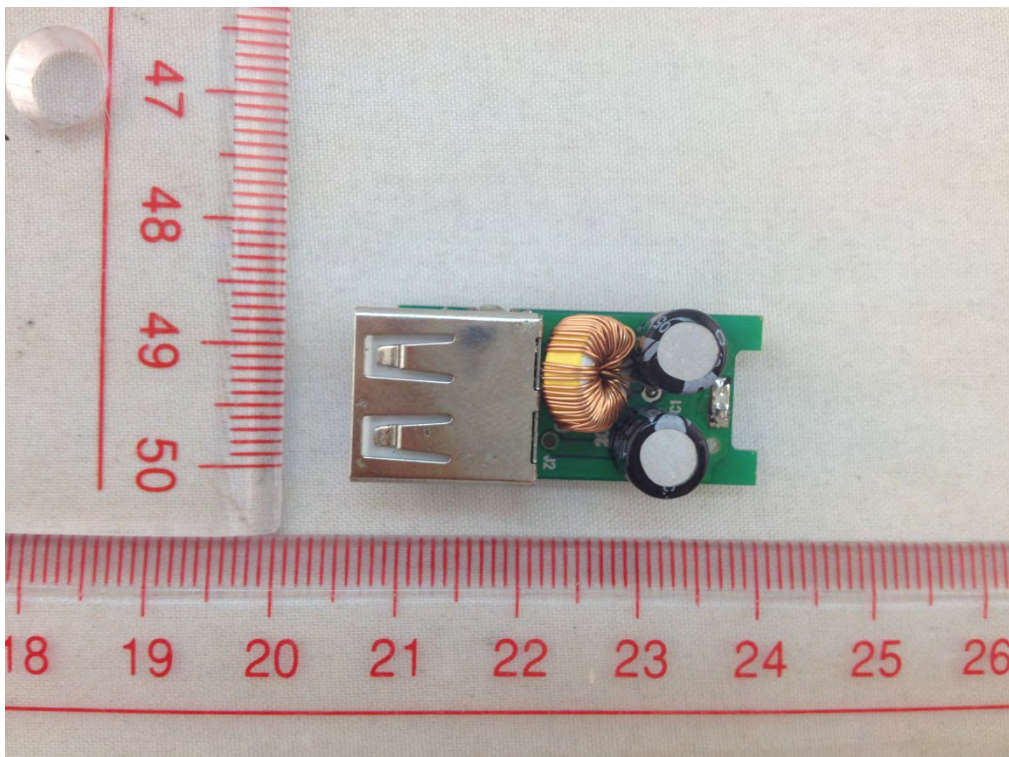
THE AUDIO LINE OF EUT

C.2 Inside of the EUT

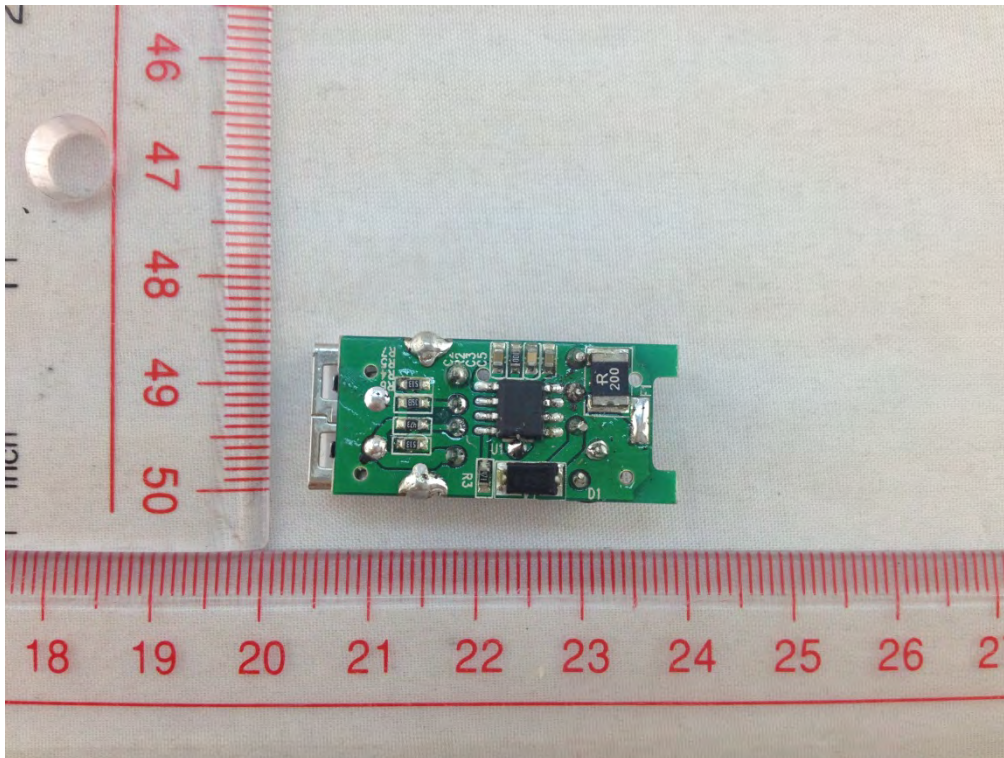
FM PART



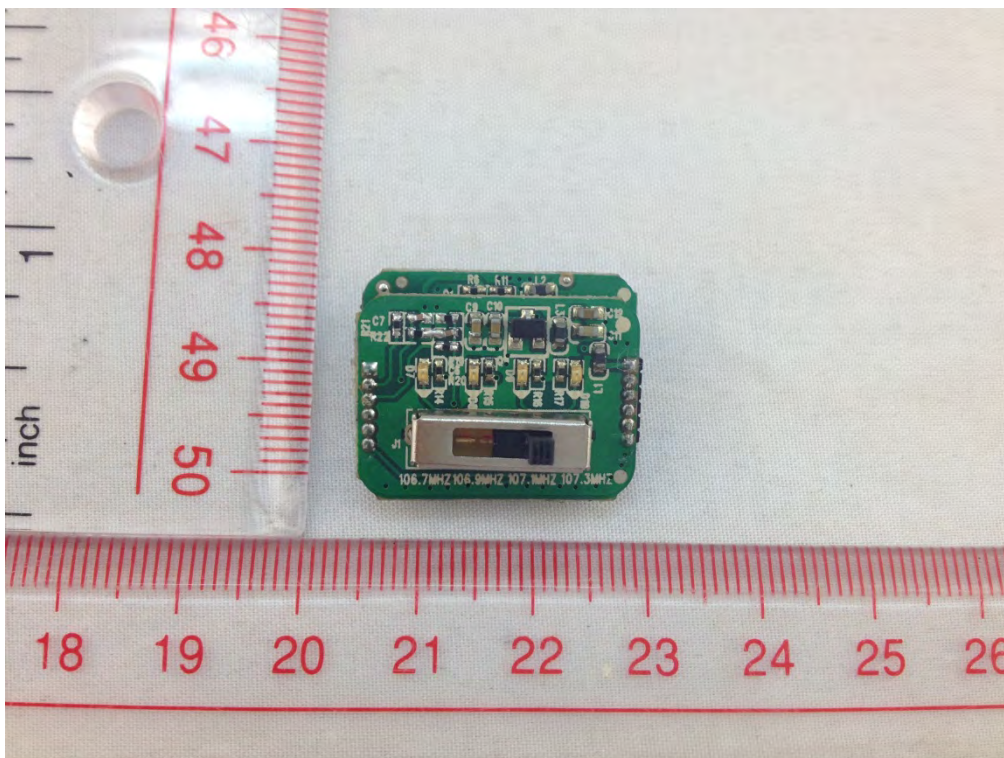
FM UNCOVER VIEW



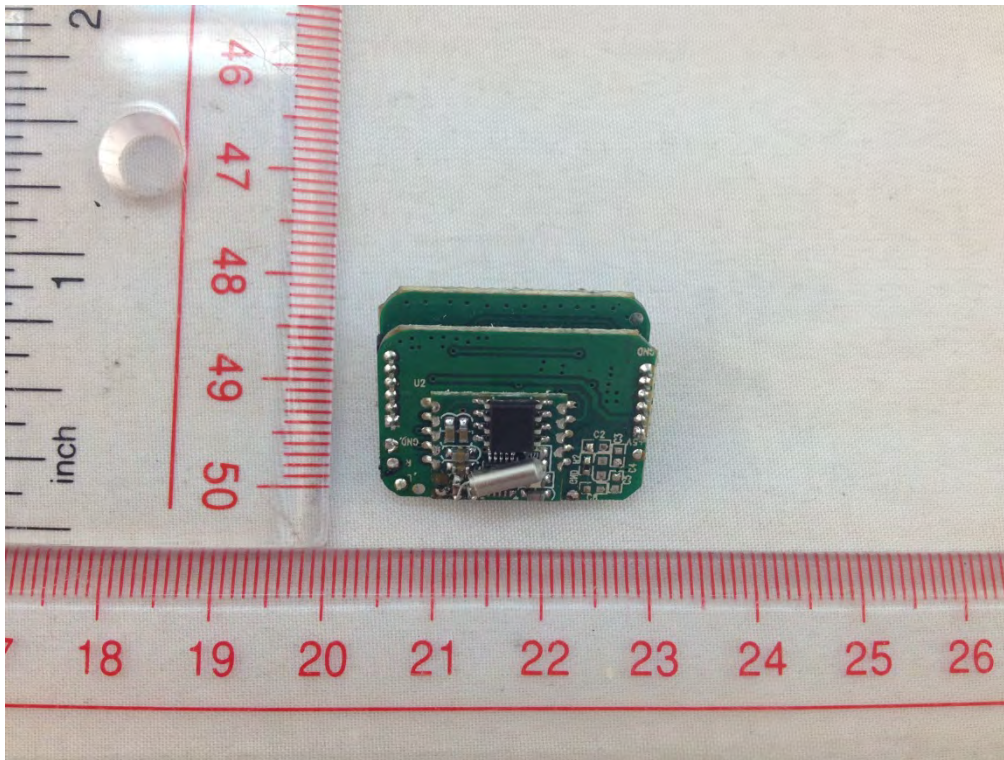
MAIN BOARD TOP VIEW 1



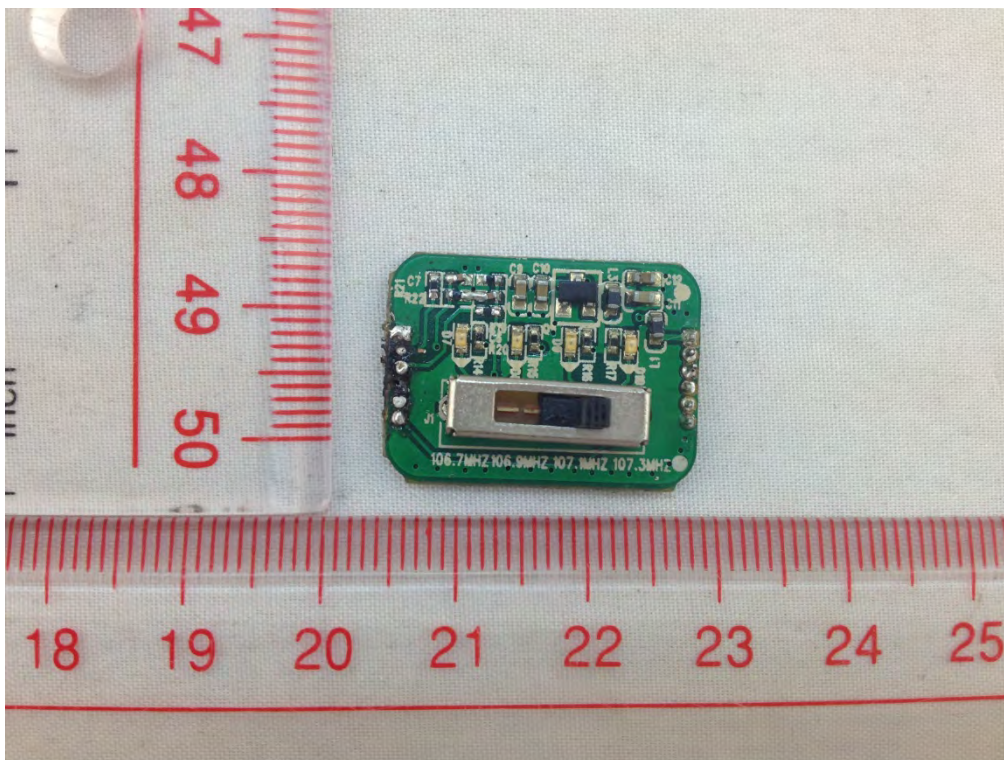
MAIN BOARD BACK VIEW 1



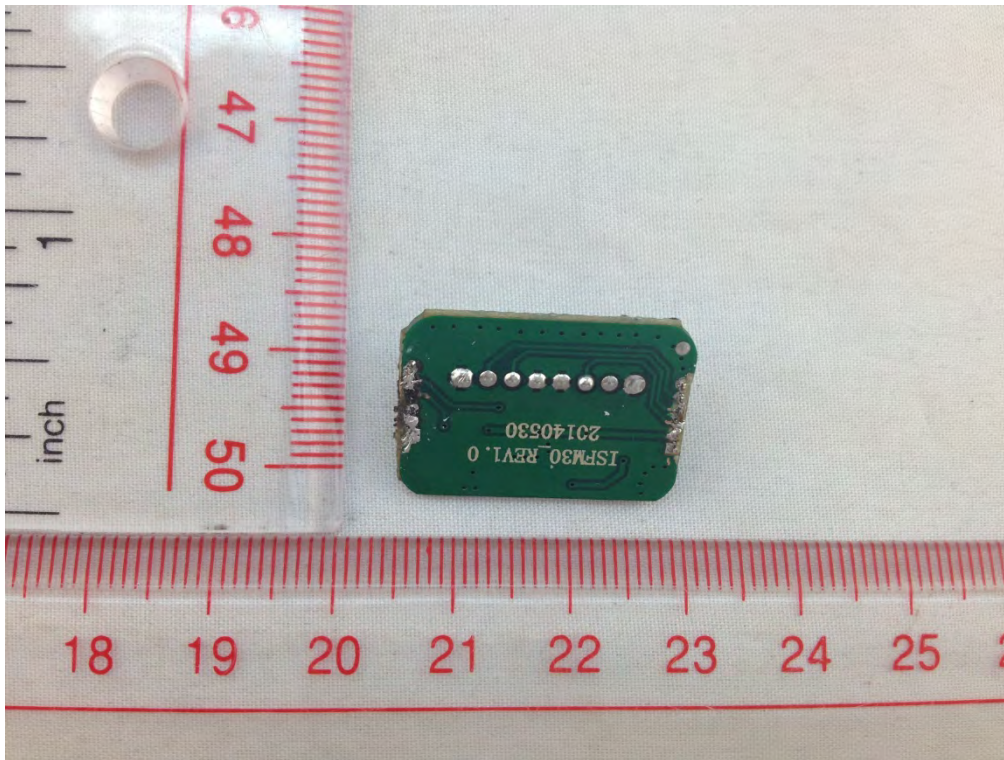
MAIN BOARD UP VIEW 2



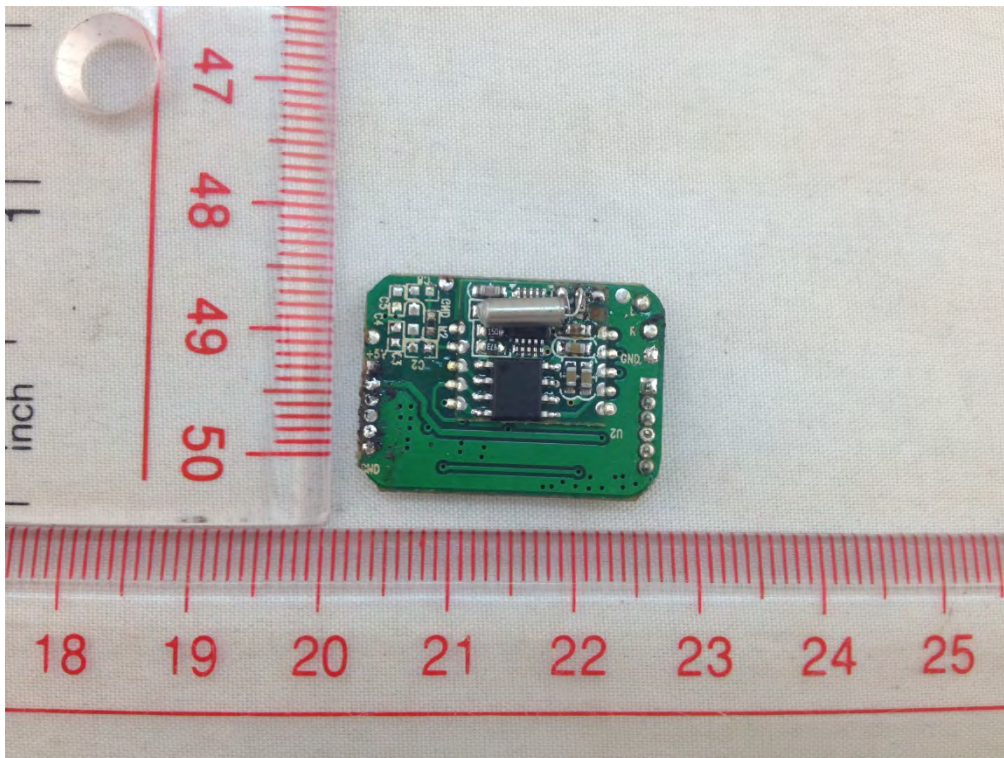
MAIN BOARD BACK VIEW 2



MAIN BOARD UP VIEW 3



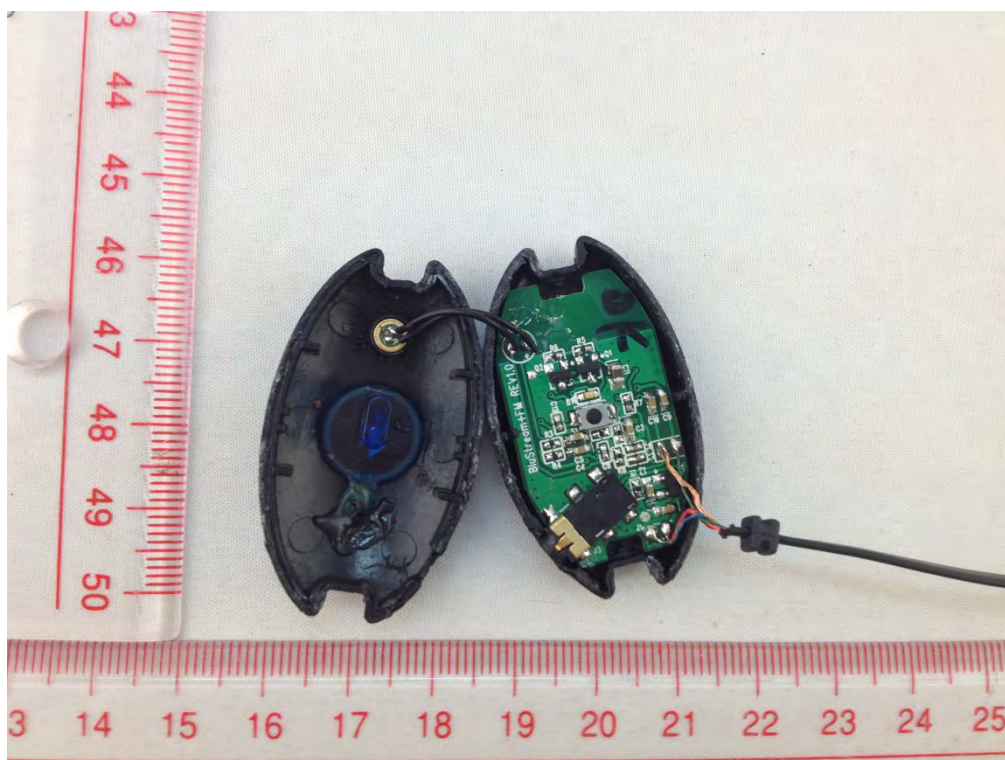
MAIN BOARD BACK VIEW 3



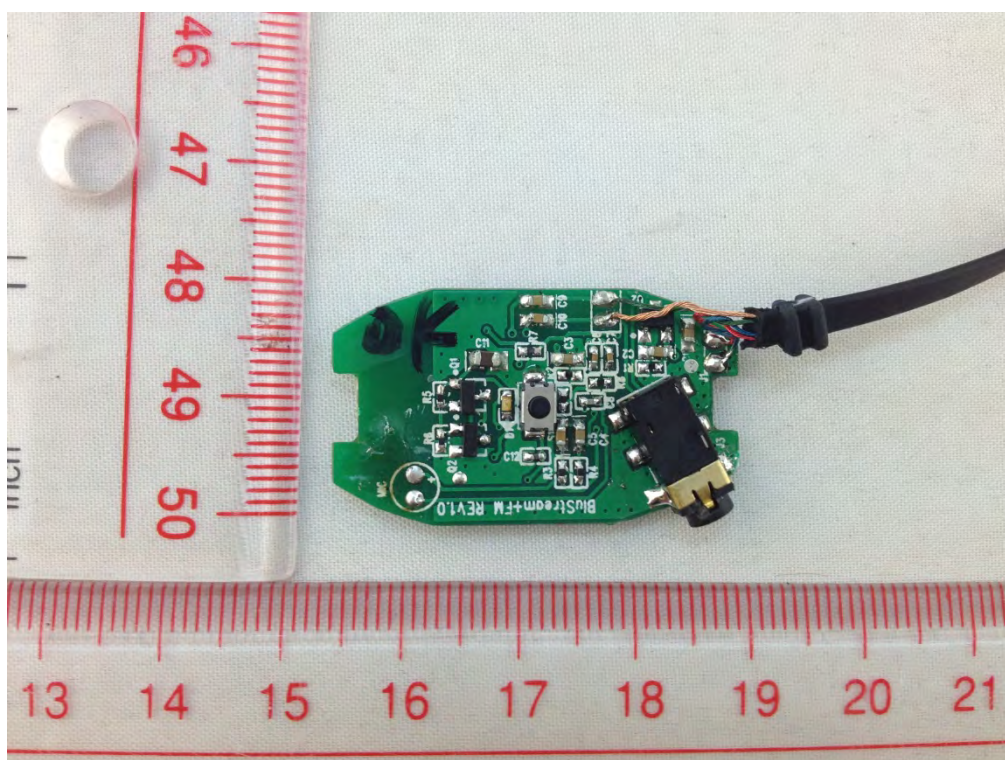
MAIN BOARD UP VIEW 4



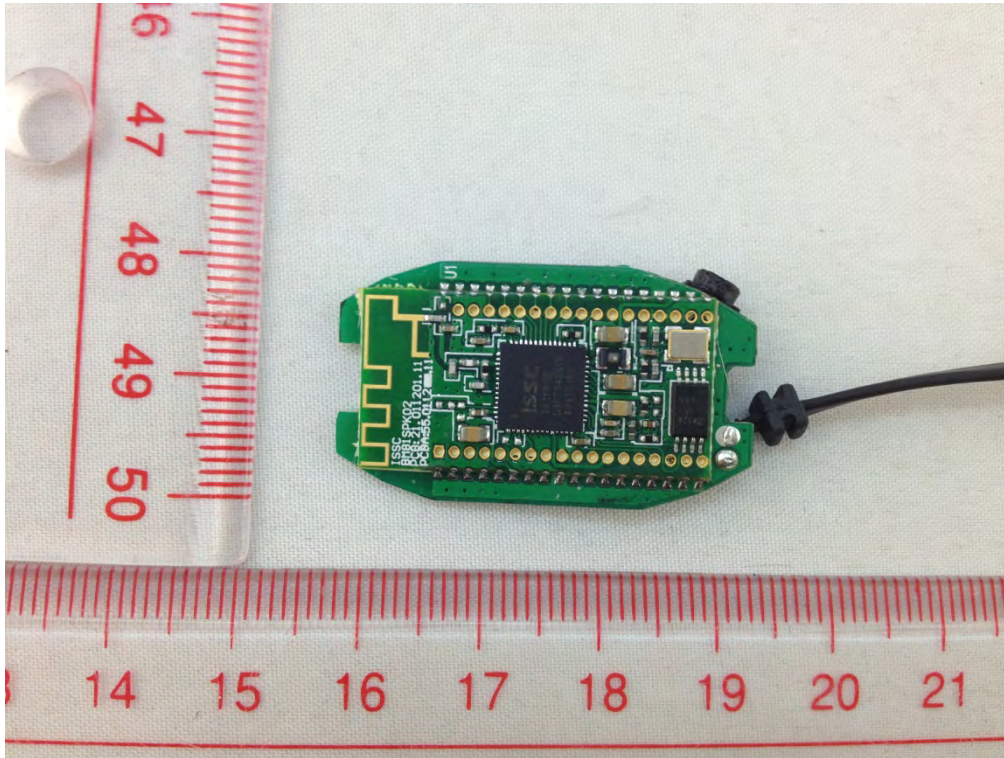
BT PART



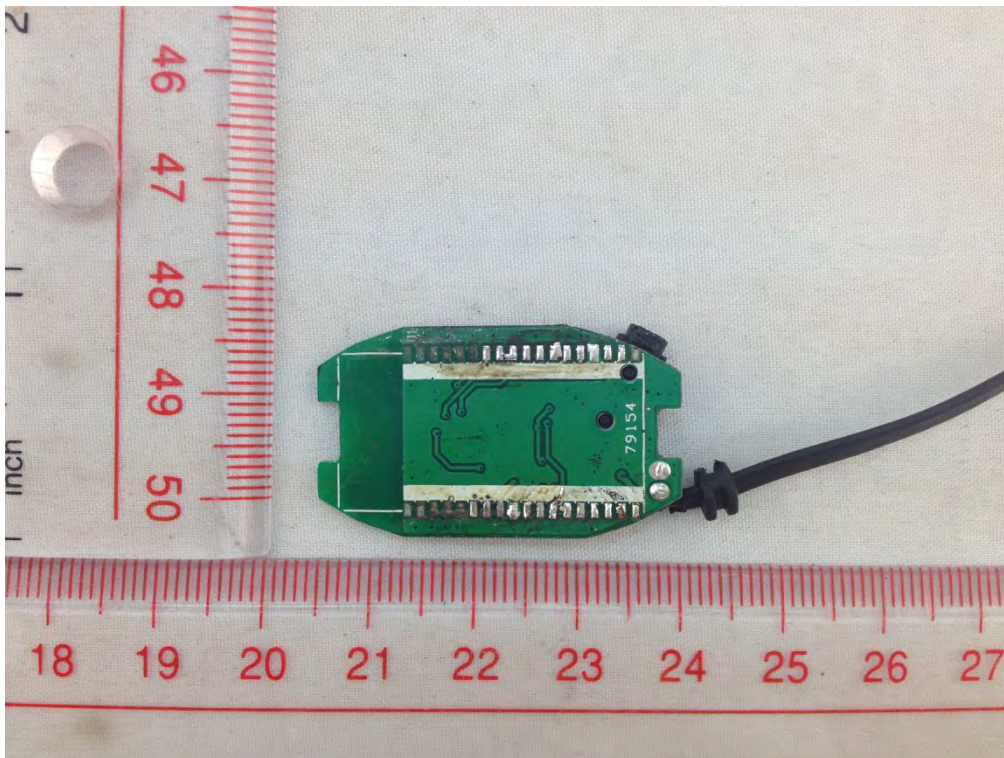
BT UNCOVER VIEW



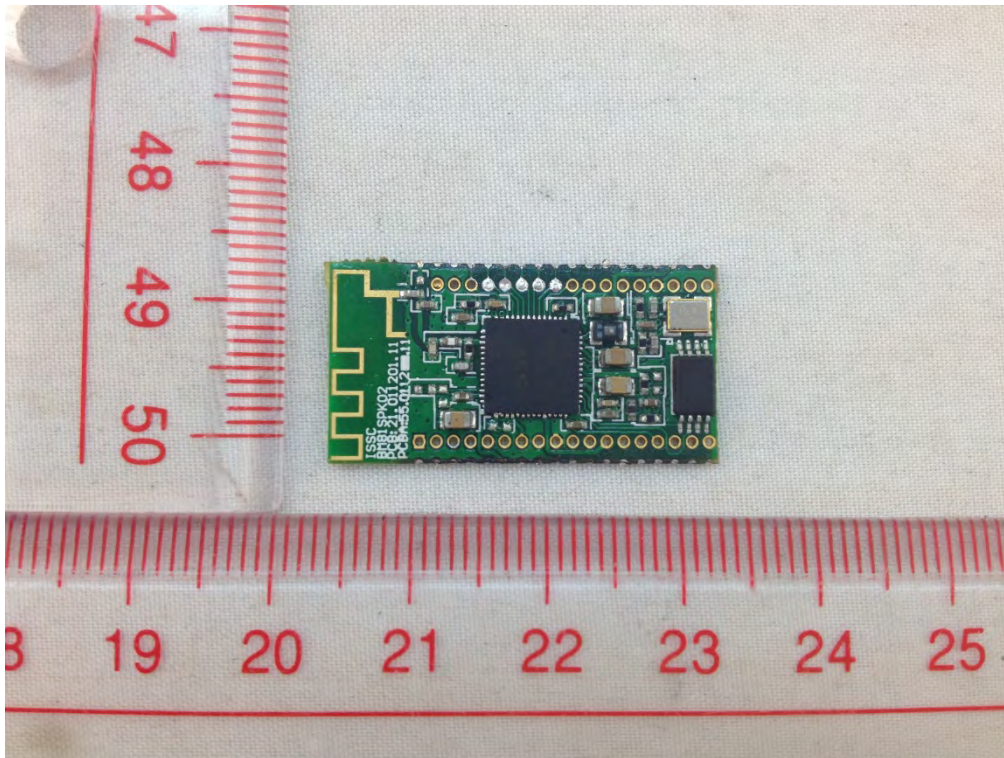
MAIN BOARD TOP VIEW



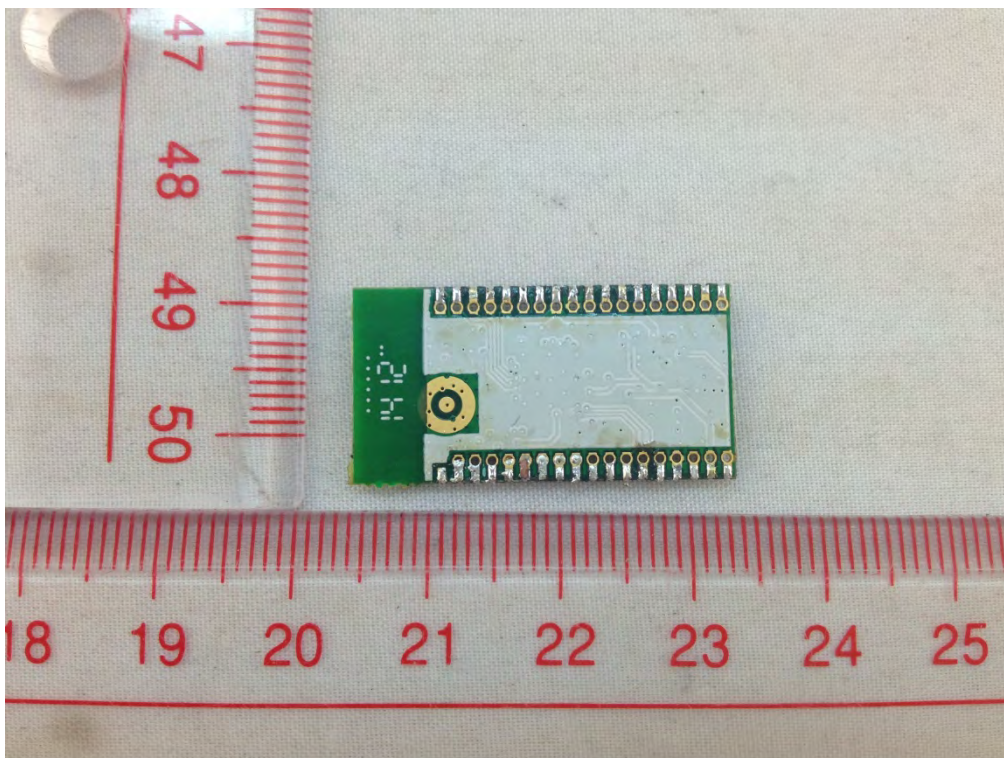
MAIN BOARD BACK VIEW 1



MAIN BOARD BACK VIEW 2



THE PHOTO OF RF MOUDLE 1



THE PHOTO OF RF MOUDLE 2

--END OF REPORT--