FCC TEST REPORT
for
Anker Technology Co., Limited

Bluetooth Keyboard
Model No.: 98AP9804A-BTA, A7707, TC930

Prepared for	:	Anker Technology Co., Limited
Address	:	RM703 KOWLOON BUILDING 555 NATHAN RD KL HONG KONG

Prepared By	:	Shenzhen Anbotek Compliance Laboratory Limited
Address	:	1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China Tel: (86) 755-26066544 Fax: (86) 755-26014772

Report Number	:	R011409072E
Date of Test	:	Sept. 09~ 24, 2014
Date of Report	:	Oct. 20, 2014

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TEST REPORT

Applicant	:	Anker Technology Co., Limited
Manufacturer	:	Anker Technology Co., Limited
EUT	:	Bluetooth Keyboard
Model No.	:	98AP9804A-BTA, A7707, TC930
Serial No.	:	N.A.
Trade Mark	:	Anker
Rating	:	DC 5V, 350mA

Measurement Procedure Used:

FCC Part15 Subpart C, Paragraph 15.207, 15.249 & 15.209

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 15 Subpart C requirements.
This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Test : Sept. 09~ 24, 2014

Prepared by : (Engineer / Kebo Zhang)

Reviewer : (Project Manager/Amy Ding)

Approved & Authorized Signer : (Manager/Tom Chen)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	Bluetooth Keyboard
Model Number	:	98AP9804A-BTA, A7707, TC930 (Note: All samples are the same except the model number and appearance, so we prepare "98AP9804A-BTA" for EMC test only.)
Test Power Supply	:	DC 5V via adapter AC 120V, 60Hz/ DC 5V(With DC 3.7V Battery inside)
Frequency	:	2402-2480MHz
No. of Channel	:	79
Channel Space	:	1MHz
Antenna Specification	:	Printed Antenna: 2 dBi
Applicant	:	Anker Technology Co., Limited
Address	:	RM703 KOWLOON BUILDING 555 NATHAN RD KL HONG KONG
Manufacturer	:	Anker Technology Co., Limited
Address	:	RM703 KOWLOON BUILDING 555 NATHAN RD KL HONG KONG
Factory	:	Shenzhen HASKEY Technology Co., Ltd.
Address	:	BOW Technology Park, G Area, Democracy West Industry Park, Shajing Town, Baoan District, Shenzhen, China
Date of receiver	:	Sept. 09, 2014
Date of Test	:	Sept. 09~ 24, 2014

1.2. Auxiliary Equipment Used during Test

Adapter	:	Power Supply Model:MX12L3-0502000V Input: AC 100-240V, 50-60Hz, 0.35A Output: DC 5V, 2A CE , FCC

1.3. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS - LAB Code: L3503
Shenzhen Anbotek Compliance Laboratory Limited., Laboratory has been assessed and in compliance with CNAS/CL01: 2006 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of Testing Laboratories.

FCC-Registration No.: 752021
Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registed and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 752021, July 10, 2013.

IC-Registration No.: 8058A-1
Shenzhen Anbotek Compliance Laboratory Limited., EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration 8058A-1, February 22, 2013.

Test Location
All Emissions tests were performed at
Shenzhen Anbotek Compliance Laboratory Limited. at 1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China

1.4. Measurement Uncertainty

Radiation Uncertainty	:	Ur = 4.3dB
Conduction Uncertainty	:	Uc = 3.4dB

2. Test Procedure

GENERAL: This report shall NOT be reproduced except in full without the written approval of Shenzhen Anbotek Compliance Laboratory Limited. The EUT was transmitting a test signal during the testing.

RADIATION INTERFERENCE: The test procedure used was ANSI STANDARD C63.4-2009 using a spectrum analyzer with a pre-selector. The analyzer was calibrated in dB above a microvolt at the output of the antenna. The resolution bandwidth was 100KHz and the video bandwidth was 300KHz up to 1.0GHz and 1.0MHz with a video BW of 3.0MHz above 1.0GHz. The ambient temperature of the EUT was 74.3oF with a humidity of 69%.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBuV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB. The gain of the Preselector was accounted for in the Spectrum Analyzer Meter Reading.

Example:
Freq (MHz) METER READING + ACF = FS
20 dBuV + 10.36 dB = 30.36 dBuV/m @ 3m

ANSI STANDARD C63.4-2009 10.1.7 MEASUREMENT PROCEDURES: The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m. The EUT was placed in the center of the table (1.5m side). The table used for radiated measurements is capable of continuous rotation.
When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

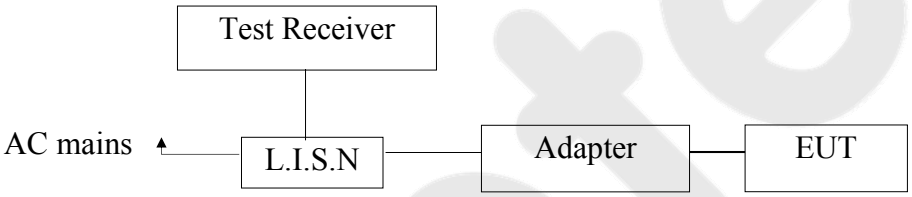
3. Conducted Limits

Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Two-Line V-network	Rohde & Schwarz	ENV216	100055	Apr. 22, 2014	1 Year
2.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Apr. 22, 2014	1 Year
3.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Apr. 22, 2014	1 Year

3.1. Block Diagram of Test Setup

3.1.1. Block diagram of connection between the EUT and simulators



3.2. Power Line Conducted Emission Measurement Limits (15.207)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

3.3. Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

3.4. Operating Condition of EUT

3.4.1. Setup the EUT and simulator as shown as Section 3.1.
3.4.2. Turn on the power of all equipment.
3.4.3. Let the EUT work in test mode (Charging to adapter) and measure it.

3.5. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2003 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9KHz.

The frequency range from 150KHz to 30MHz is checked.

The test results are reported on Section 3.6.

3.6. Power Line Conducted Emission Measurement Results

PASS.

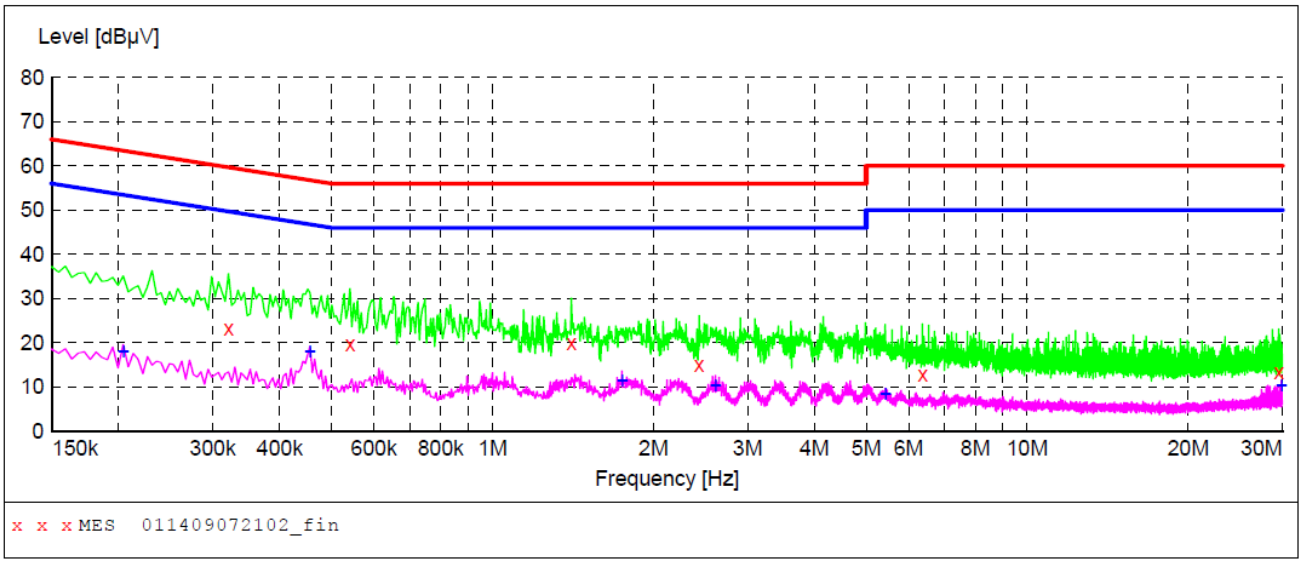
The frequency range from 150KHz to 30 MHz is investigated.

Please refer the following pages.

CONDUCTED EMISSION TEST DATA

Test Site:	1# Shielded Room
Operating Condition:	Charging to adapter
Test Specification:	DC 5V via adapter AC 120V, 60Hz
Comment:	Live Line
	Tem:25℃ Hum:50%

SCAN TABLE: "Voltage(150K~30M)FIN"
Short Description: 150K-30M Disturbance Voltages



MEASUREMENT RESULT: "011409072102_fin"

9/20/2014 9:11AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.321000	23.10	20.1	60	36.6	QP	L1	GND
0.541500	19.70	20.1	56	36.3	QP	L1	GND
1.405000	19.90	20.2	56	36.1	QP	L1	GND
2.435500	14.90	20.3	56	41.1	QP	L1	GND
6.368500	12.70	20.5	60	47.3	QP	L1	GND
29.543500	13.30	20.9	60	46.7	QP	L1	GND

MEASUREMENT RESULT: "011409072102_fin2"

9/20/2014 9:11AM

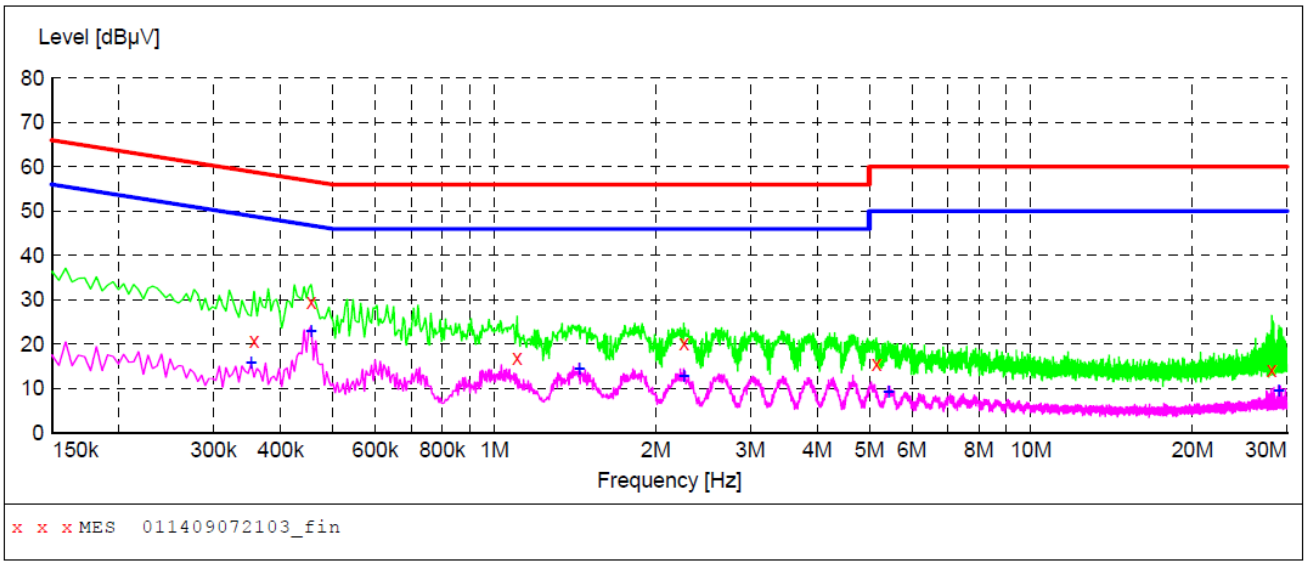
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.204000	18.10	20.1	53	35.3	AV	L1	GND
0.456000	17.90	20.1	47	28.9	AV	L1	GND
1.747000	11.40	20.3	46	34.6	AV	L1	GND
2.611000	10.30	20.4	46	35.7	AV	L1	GND
5.432500	8.40	20.5	50	41.6	AV	L1	GND
29.899000	10.30	20.9	50	39.7	AV	L1	GND

CONDUCTED EMISSION TEST DATA

Test Site:	1# Shielded Room
Operating Condition:	Charging to adapter
Test Specification:	DC 5V via adapter AC 120V, 60Hz
Comment:	Neutral Line
	Tem:25℃ Hum:50%

SCAN TABLE: "Voltage(150K~30M)FIN"

Short Description: 150K-30M Disturbance Voltages



MEASUREMENT RESULT: "011409072103_fin"

9/20/2014 9:20AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.357000	20.80	20.1	59	38.0	QP	N	GND
0.456000	29.40	20.1	57	27.4	QP	N	GND
1.103500	17.00	20.2	56	39.0	QP	N	GND
2.255500	20.10	20.3	56	35.9	QP	N	GND
5.153500	15.40	20.5	60	44.6	QP	N	GND
28.103500	14.20	20.9	60	45.8	QP	N	GND

MEASUREMENT RESULT: "011409072103_fin2"

9/20/2014 9:20AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.352500	15.90	20.1	49	33.0	AV	N	GND
0.456000	23.00	20.1	47	23.8	AV	N	GND
1.441000	14.40	20.3	46	31.6	AV	N	GND
2.255500	12.80	20.3	46	33.2	AV	N	GND
5.428000	9.20	20.5	50	40.8	AV	N	GND
28.940500	9.40	20.9	50	40.6	AV	N	GND

4. Radiation Interference

4.1. Requirements (15.249, 15.209):

4.1.1. Test Limits (< 30 MHZ)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meter)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30

4.1.2. Test Limits (≥ 30 MHZ)

FIELD STRENGTH of Fundamental: @3M	FIELD STRENGTH of Harmonics	S15.209 30 - 88 MHz	40 dBuV/m
902-928 MHZ		88 - 216 MHz	43.5
2.4-2.4835 GHz		216 - 960 MHz	46
94 dBμV/m @3m	54 dBμV/m @3m	ABOVE 960 MHz	54dBuV/m

For range 9KHz~30MHz, The measured value is really too low to be recorded.

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.

4.2. Test Procedure

The EUT is placed on a turn table which is 0.8 meter high above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.

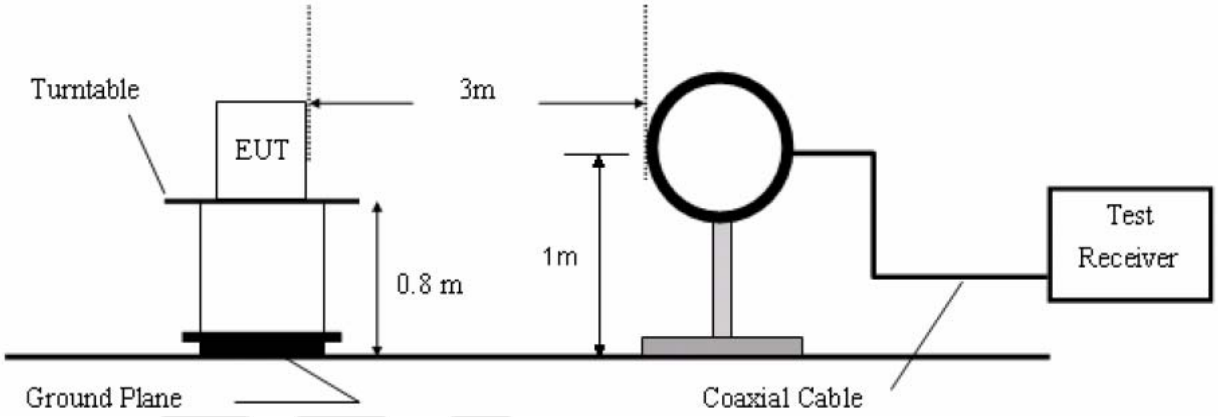
All readings from 30MHz to 1GHz are quasi-peak values with a resolution bandwidth of 120kHz. All reading are above 1GHz, peak & average values with a resolution bandwidth of 1MHz. The EUT is tested in 9*6*6 Chamber.
The test results are listed in Section 4.3.

Test Equipment

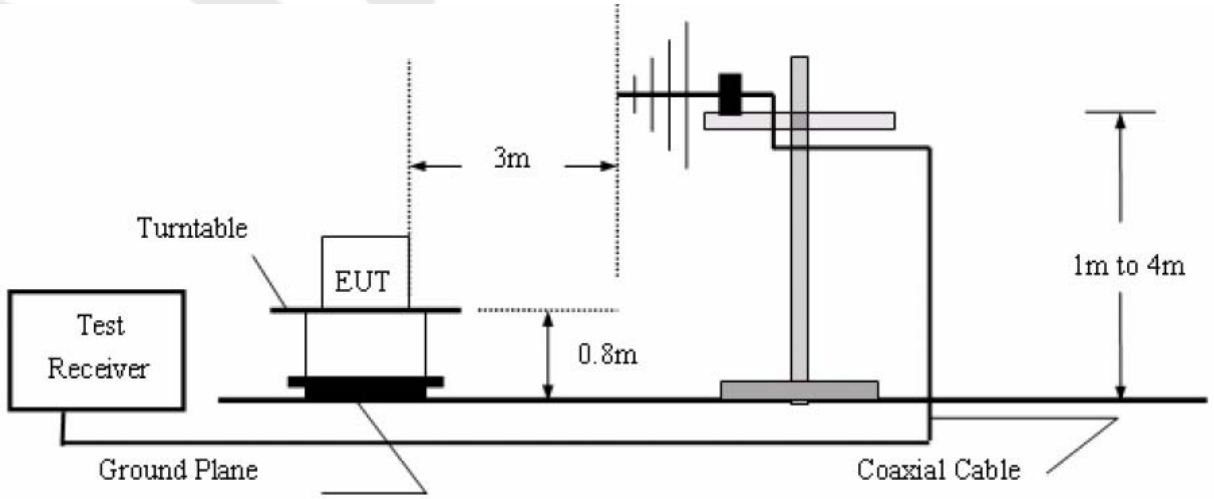
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analysis	Agilent	E4407B	US39390582	Aug. 08, 2014	1 Year
2.	Preamplifier	Instruments corporation	EMC011830	980100	Aug. 08, 2014	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	ESPI	101604	Apr. 22, 2014	1 Year
4.	Double Ridged Horn Antenna	Instruments corporation	GTH-0118	351600	Apr. 04, 2014	1 Year
5.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	Apr. 24, 2014	1 Year
6.	Pre-amplifier	SONOMA	310N	186860	Aug. 08, 2014	1 Year
7.	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	N/A	N/A

4.3. Test Configuration:

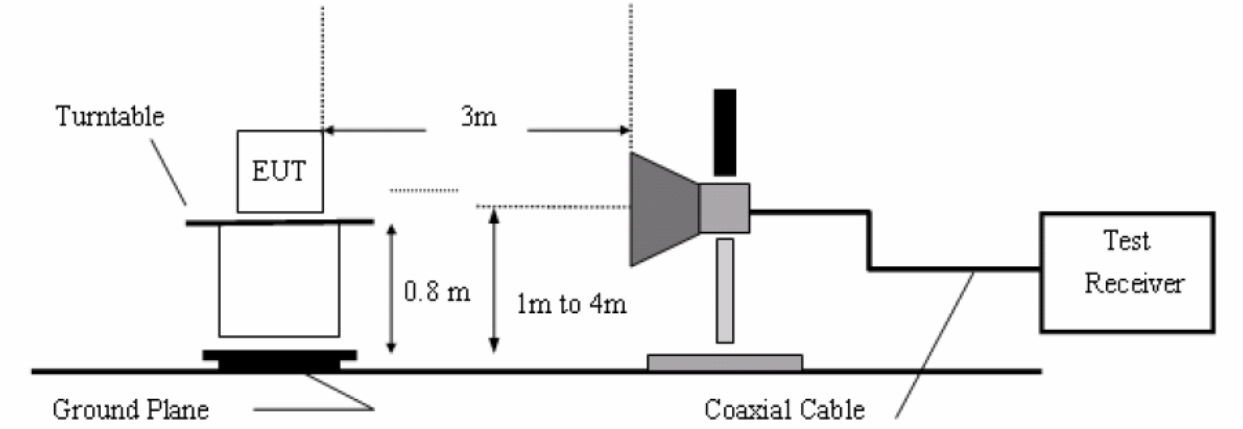
4.3.1. 9k to 30MHz emissions:



4.3.2. 30M to 1G emissions:



4.3.3. 1G to 40G emissions:

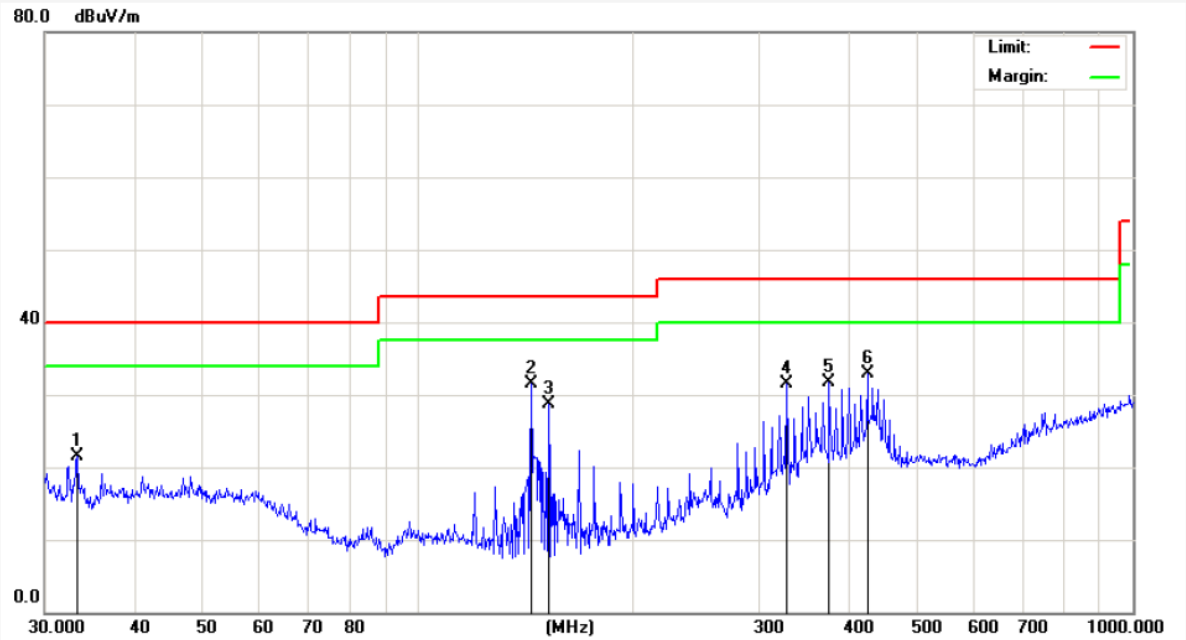


4.4. Test Results

PASS.
The EUT was tested on (Charging to adapter, BT Mode) modes, only the worst data of (BT Mode) are attached in the following pages.
Data:

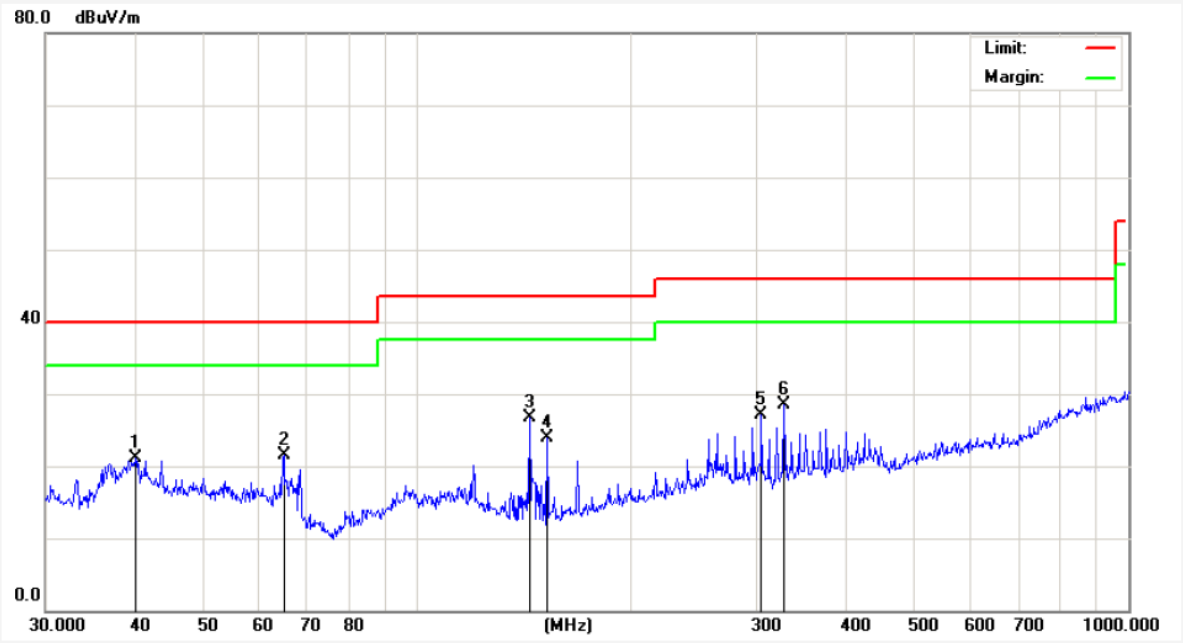
Below 1GHz:

Job No.:	**011409072E**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC PART15 C _3m**	**Power Source:**	**DC 3.7V**
Test item:	**Radiation Test**	**Temp.(C)/Hum.(%RH):**	**24.3(C)/55%RH**
Mode:	**BT Mode**	**Distance:**	**3m**
Note:	**30-1000MHz**		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	33.3278	37.93	-16.51	21.42	40.00	-18.58	peak			
2	143.8294	54.87	-23.43	31.44	43.50	-12.06	peak			
3	152.1297	52.03	-23.24	28.79	43.50	-14.71	peak			
4	327.8872	46.36	-14.88	31.48	46.00	-14.52	peak			
5	375.9384	45.02	-13.35	31.67	46.00	-14.33	peak			
6	425.0280	45.32	-12.33	32.99	46.00	-13.01	peak			

Job No.:	**011409072E**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC PART15 C _3m**	**Power Source:**	**DC 3.7V**
Test item:	**Radiation Test**	**Temp.(C)/Hum.(%RH):**	**24.3(C)/55%RH**
Mode:	**BT Mode**	**Distance:**	**3m**
Note:	**30-1000MHz**		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	40.1347	35.50	-14.37	21.13	40.00	-18.87	peak			
2	64.8865	38.86	-17.43	21.43	40.00	-18.57	peak			
3	143.8295	45.05	-18.43	26.62	43.50	-16.88	peak			
4	152.1297	42.12	-18.24	23.88	43.50	-19.62	peak			
5	304.6099	41.62	-14.59	27.03	46.00	-18.97	peak			
6	327.8873	42.40	-13.88	28.52	46.00	-17.48	peak			

Above 1 GHz:

Horizontal
CH Low (2402MHz)

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
2402.000	2.17	31.21	35.30	91.54	89.62	114.0	-24.38	Peak
2402.000	2.17	31.21	35.30	80.31	78.39	94.0	-15.61	AV
4804.000	2.56	34.01	34.71	49.82	51.68	74.0	-22.32	Peak
4804.000	2.56	34.01	34.71	34.52	36.38	54.0	-17.62	AV
7206.000	2.98	36.16	35.15	48.01	52.00	74.0	-22.00	Peak
7206.000	2.98	36.16	35.15	30.10	34.09	54.0	-19.91	AV
9608.000	---	---	---	---	---	---	---	---
9608.000	---	---	---	---	---	---	---	---
12010.000	---	---	---	---	---	---	---	---
12010.000	---	---	---	---	---	---	---	---

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Vertical
CH Low (2402MHz)

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
2402.000	2.17	31.21	35.30	93.25	91.33	114.0	-22.67	Peak
2402.000	2.17	31.21	35.30	83.45	81.53	94.0	-12.47	AV
4804.000	2.56	34.01	34.71	47.56	49.42	74.0	-24.58	Peak
4804.000	2.56	34.01	34.71	37.20	39.06	54.0	-14.94	AV
7206.000	2.98	36.16	35.15	41.94	45.93	74.0	-28.07	Peak
7206.000	2.98	36.16	35.15	36.87	40.86	54.0	-13.14	AV
9608.000	---	---	---	---	---	---	---	---
9608.000	---	---	---	---	---	---	---	---
12010.000	---	---	---	---	---	---	---	---
12010.000	---	---	---	---	---	---	---	---

NOTE: " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured. The results of different modulations are the same.

Horizontal
CH Middle (2441MHz)

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
2441.000	2.19	31.22	34.60	89.41	88.22	114.0	-25.78	Peak
2441.000	2.19	31.22	34.60	80.69	79.50	94.0	-14.50	AV
4882.000	2.57	35.00	34.58	44.13	47.12	74.0	-26.88	Peak
4882.000	2.57	35.00	34.58	39.54	42.53	54.0	-11.47	AV
7323.000	3.00	36.17	35.14	43.94	47.97	74.0	-26.03	Peak
7323.000	3.00	36.17	35.14	37.45	41.48	54.0	-12.52	AV
9764.000	---	---	---	---	---	---	---	---
9764.000	---	---	---	---	---	---	---	---
12205.000	---	---	---	---	---	---	---	---
12205.000	---	---	---	---	---	---	---	---

Vertical
CH Middle (2441MHz)

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
2441.000	2.19	31.22	34.60	94.95	93.76	114.0	-20.24	Peak
2441.000	2.19	31.22	34.60	81.54	80.35	94.0	-13.65	AV
4882.000	2.57	35.00	34.58	43.62	46.61	74.0	-27.39	Peak
4882.000	2.57	35.00	34.58	41.03	44.02	54.0	-9.98	AV
7323.000	3.00	36.17	35.14	44.72	48.75	74.0	-25.25	Peak
7323.000	3.00	36.17	35.14	35.30	39.33	54.0	-14.67	AV
9764.000	---	---	---	---	---	---	---	---
9764.000	---	---	---	---	---	---	---	---
12205.000	---	---	---	---	---	---	---	---
12205.000	---	---	---	---	---	---	---	---

NOTE: “ --- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured. The results of different modulations are the same.

Horizontal
CH High (2480MHz)

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
2480.000	2.20	31.65	36.00	92.11	89.96	114.0	-24.04	Peak
2480.000	2.20	31.65	36.00	78.45	76.30	94.0	-17.70	AV
4960.000	2.58	35.06	34.79	47.08	49.93	74.0	-24.07	Peak
4960.000	2.58	35.06	34.79	37.94	40.79	54.0	-13.21	AV
7440.000	3.02	36.19	34.90	48.23	52.54	74.0	-21.46	Peak
7440.000	3.02	36.20	35.20	39.97	43.99	54.0	-10.01	AV
9920.000	---	---	---	---	---	---	---	---
9920.000	---	---	---	---	---	---	---	---
12400.000	---	---	---	---	---	---	---	---
12400.000	---	---	---	---	---	---	---	---

Vertical
CH High (2480MHz)

Frequency MHz	Cable Loss dB	Ant Factor dB/m	Preamp Factor dB	Read Level dBμV	Level dBμV/m	Limit dBμV/m	Over Limit dB	Remark
2480.000	2.20	31.65	36.00	92.75	90.60	114.0	-23.40	Peak
2480.000	2.20	31.65	36.00	85.24	83.09	94.0	-10.91	AV
4960.000	2.58	35.06	34.79	44.58	47.43	74.0	-26.57	Peak
4960.000	2.58	35.06	34.79	35.23	38.08	54.0	-15.92	AV
7440.000	3.02	36.19	34.90	45.52	49.83	74.0	-24.17	Peak
7440.000	3.02	36.20	35.20	34.31	38.33	54.0	-15.67	AV
9920.000	---	---	---	---	---	---	---	---
9920.000	---	---	---	---	---	---	---	---
12400.000	---	---	---	---	---	---	---	---
12400.000	---	---	---	---	---	---	---	---

NOTE: " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured. The results of different modulations are the same.

5. Occupied Bandwidth

5.1. Requirements (15.249):

The field strength of any emissions appearing outside the band edges and up to 10 kHz above and below the band edges shall be attenuated at least 50 dB below the level of the carrier or to the general limits of 15.249.

5.2. Test Procedure

The EUT is placed on a turn table which is 0.8 meter high above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.

Test Equipment

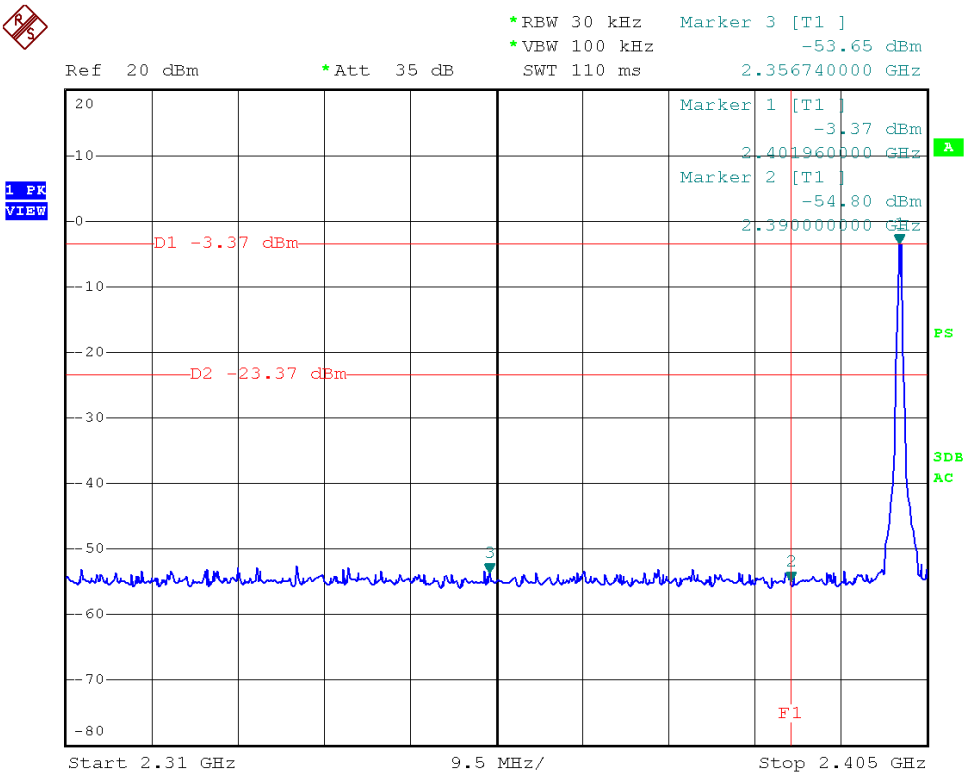
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analysis	Agilent	E4407B	US39390582	Aug. 08, 2014	1 Year
2.	Preamplifier	Instruments corporation	EMC011830	980100	Aug. 08, 2014	1 Year
3.	EMI Test Receiver	Rohde & Schwarz	ESPI	101604	Apr. 22, 2014	1 Year
4.	Double Ridged Horn Antenna	Instruments corporation	GTH-0118	351600	Apr. 04, 2014	1 Year
5.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	Apr. 24, 2014	1 Year
6.	Pre-amplifier	SONOMA	310N	186860	Aug. 08, 2014	1 Year
7.	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	N/A	N/A

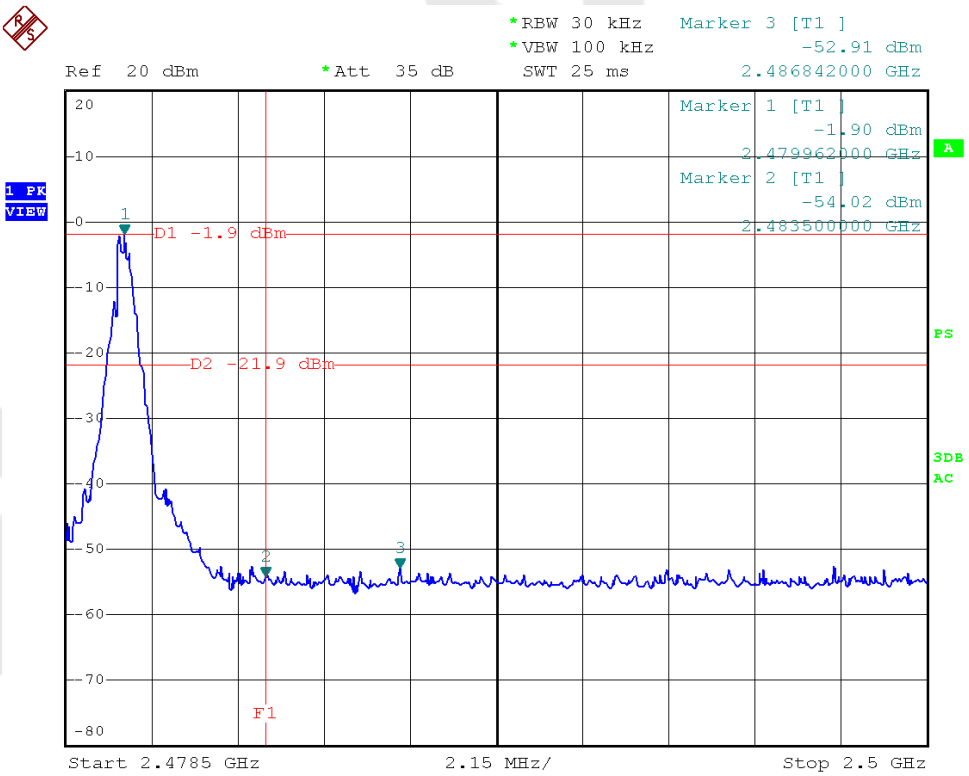
5.3. Test Configuration:

Same as the test configuration in 4.3.

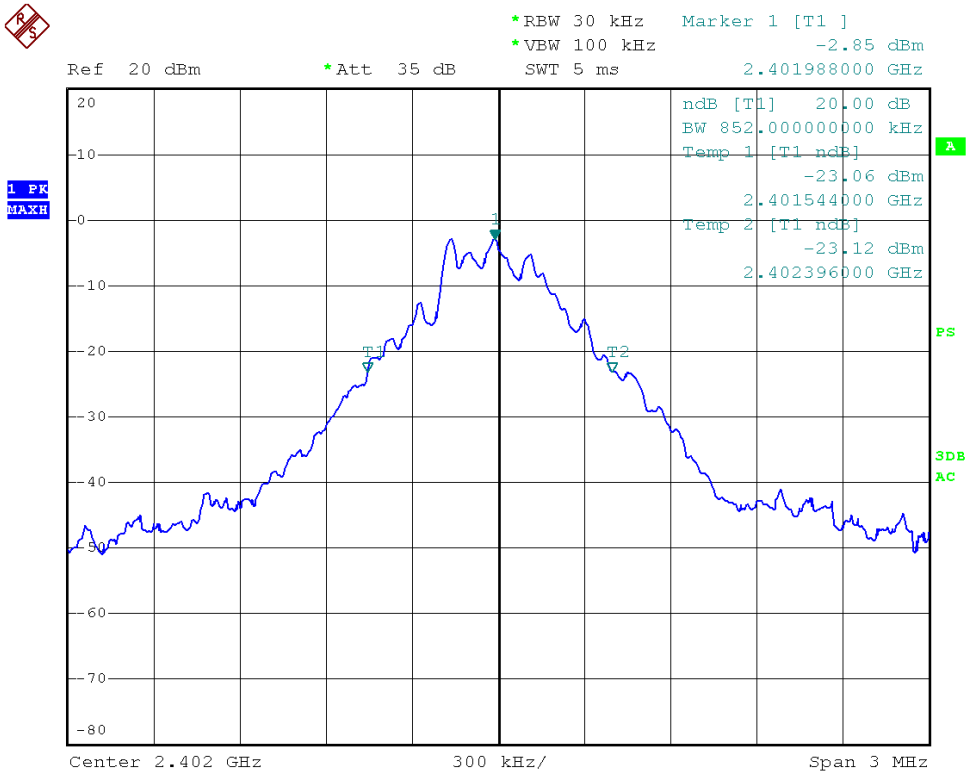
5.4. Test Results

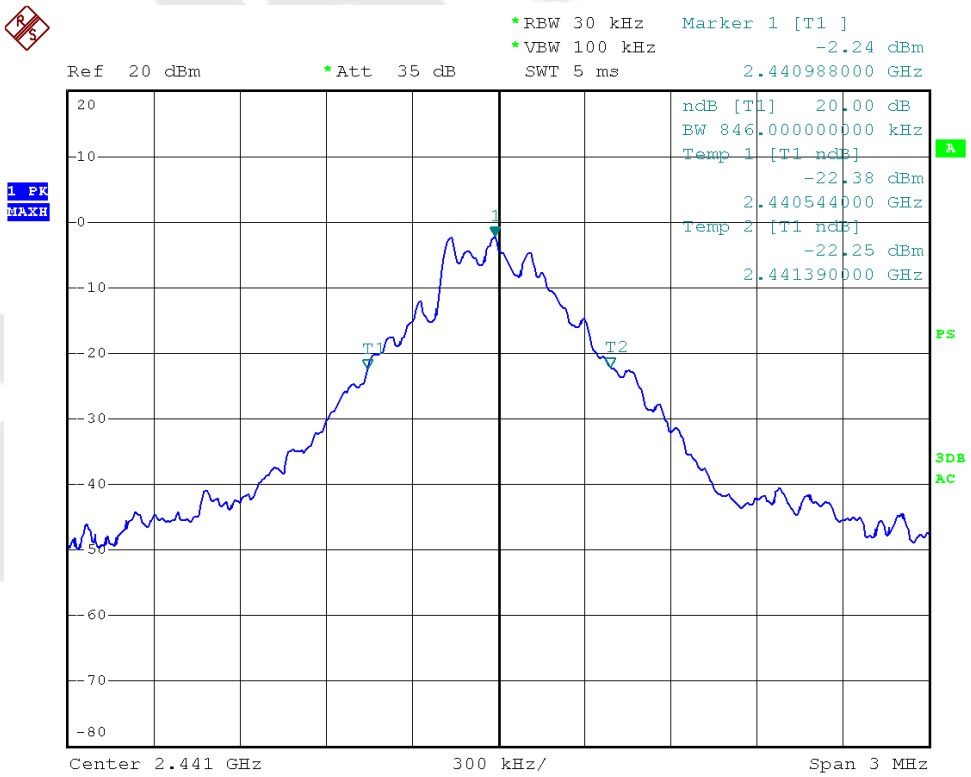
Pass.
Please refer the following plot.
(Note: Marker 3 means the highest value in 2.39GHz~2.4GHz or 2.4835~2.5GHz)

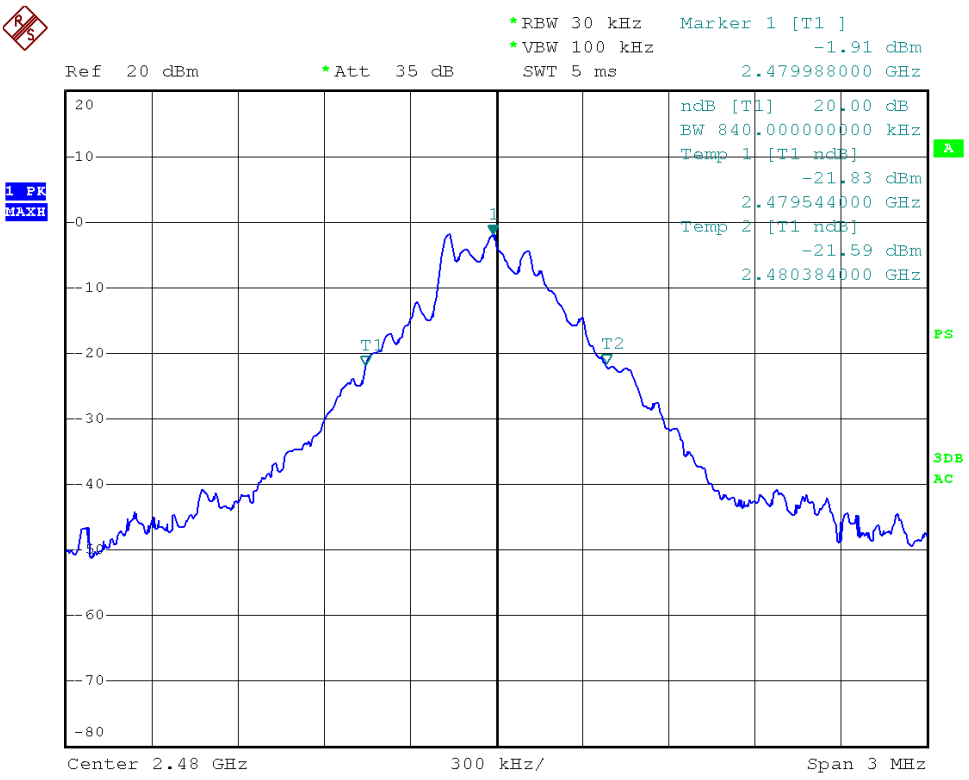

*RBW 30 kHz
*VBW 100 kHz
Ref 20 dBm
*Att 35 dB
SWT 110 ms
Marker 3 [T1]
-53.65 dBm
2.356740000 GHz
Marker 1 [T1]
-3.37 dBm
2.401960000 GHz
Marker 2 [T1]
-54.80 dBm
2.390000000 GHz
1 PK
VIEW
D1 -3.37 dBm
D2 -23.37 dBm
PS
3DB
AC
F1
Start 2.31 GHz
9.5 MHz/
Stop 2.405 GHz


*RBW 30 kHz
*VBW 100 kHz
Ref 20 dBm
*Att 35 dB
SWT 25 ms
Marker 3 [T1]
-52.91 dBm
2.486842000 GHz
Marker 1 [T1]
-1.90 dBm
2.479962000 GHz
Marker 2 [T1]
-54.02 dBm
2.483500000 GHz
1 PK
VIEW
D1 -1.9 dBm
D2 -21.9 dBm
PS
3DB
AC
F1
Start 2.4785 GHz
2.15 MHz/
Stop 2.5 GHz

20dB Down:


*RBW 30 kHz
*VBW 100 kHz
Ref 20 dBm
*Att 35 dB
SWT 5 ms
Marker 1 [T1]
-2.85 dBm
2.401988000 GHz
ndB [T1] 20.00 dB
BW 852.000000000 kHz
Temp 1 [T1 ndB]
-23.06 dBm
2.401544000 GHz
Temp 2 [T1 ndB]
-23.12 dBm
2.402396000 GHz
1 PK
MAXH
A
PS
3DB
AC
Center 2.402 GHz
300 kHz/
Span 3 MHz

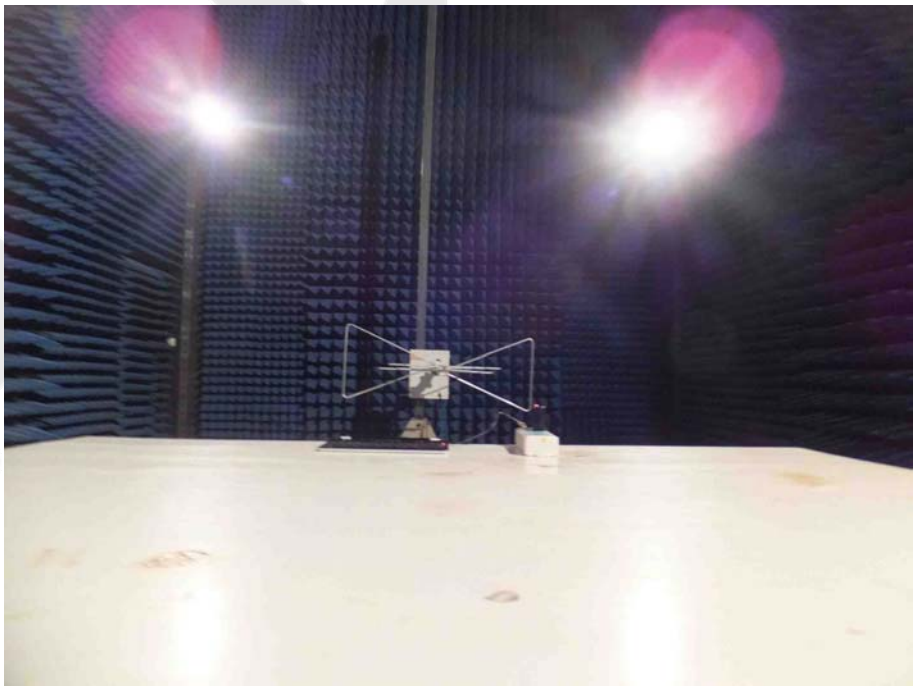

*RBW 30 kHz
*VBW 100 kHz
Ref 20 dBm
*Att 35 dB
SWT 5 ms
Marker 1 [T1]
-2.24 dBm
2.440988000 GHz
ndB [T1] 20.00 dB
BW 846.000000000 kHz
Temp 1 [T1 ndB]
-22.38 dBm
2.440544000 GHz
Temp 2 [T1 ndB]
-22.25 dBm
2.441390000 GHz
1 PK
MAXH
A
PS
3DB
AC
Center 2.441 GHz
300 kHz/
Span 3 MHz

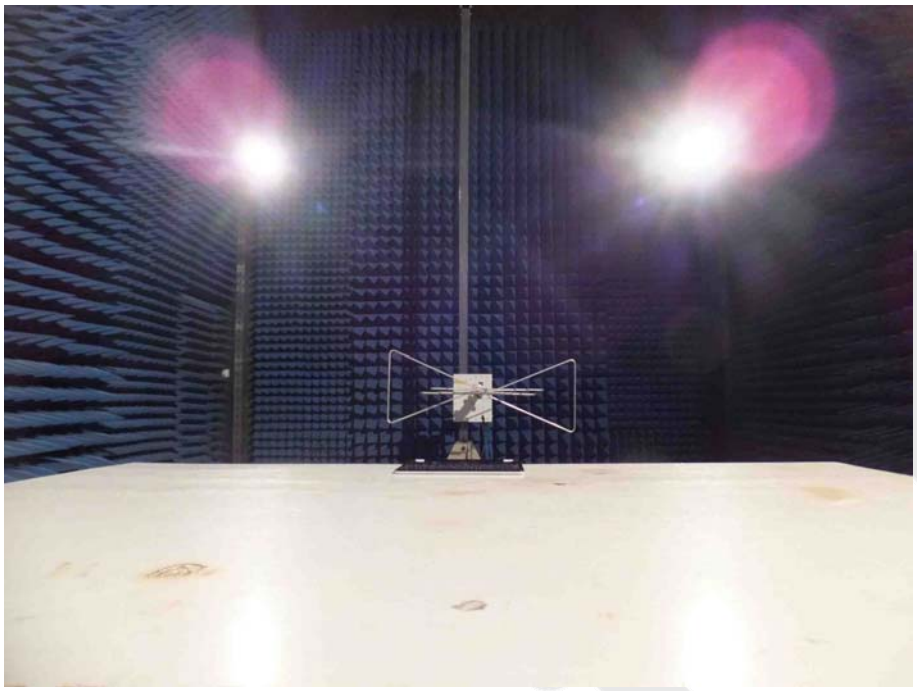

*RBW 30 kHz
*VBW 100 kHz
Ref 20 dBm
*Att 35 dB
SWT 5 ms
Marker 1 [T1]
-1.91 dBm
2.479988000 GHz
ndB [T1] 20.00 dB
BW 840.000000000 kHz
Temp 1 [T1 ndB]
-21.83 dBm
2.479544000 GHz
Temp 2 [T1 ndB]
-21.59 dBm
2.480384000 GHz
1 PK
MAXH
A
PS
3DB
AC
T1
T2
Center 2.48 GHz
300 kHz/
Span 3 MHz

6. PHOTOGRAPH

6.1. Photo of Conducted Emission Test

6.2. Photo of Radiation Emission Test





APPENDIX I (EXTERNAL PHOTOS)

Figure 1
The EUT- Front View

Figure 2
The EUT- Back View

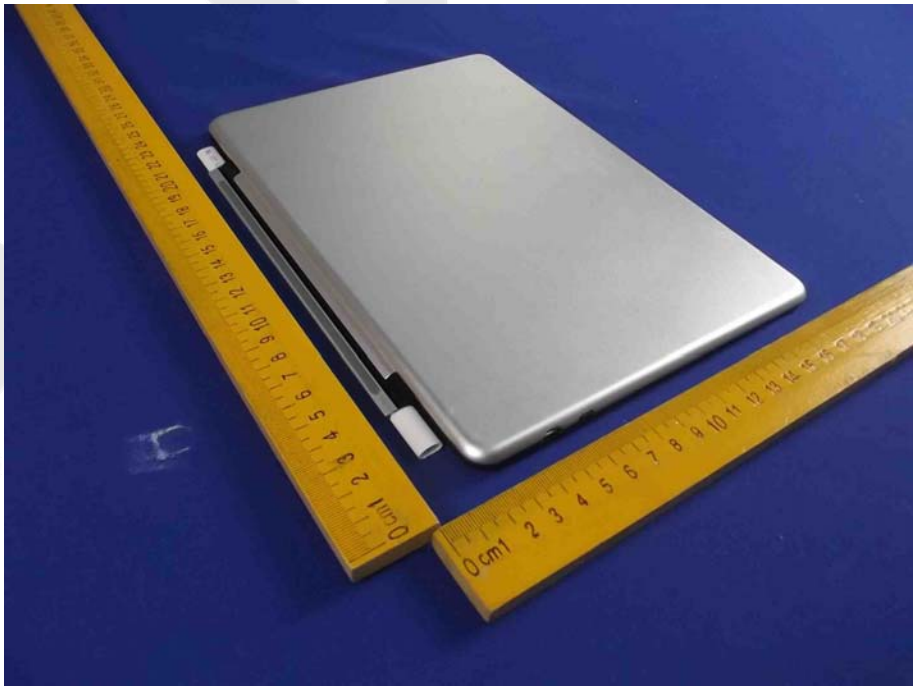


Figure 3
The EUT- Port View

APPENDIX II(INTERNAL PHOTOS)

Figure 4
The EUT-Inside View

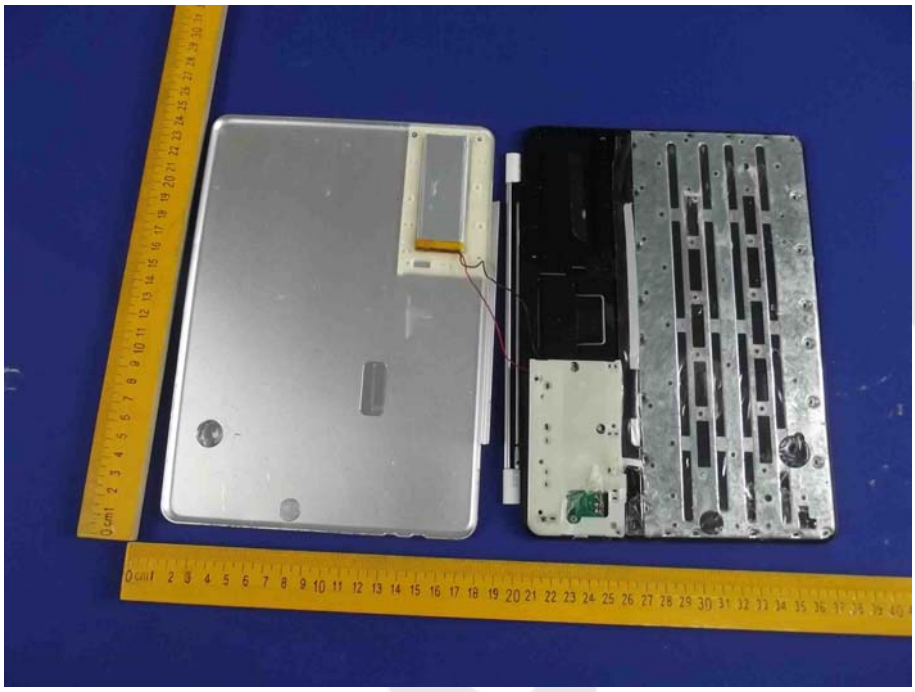


Figure 5
PCB of the EUT-Front View

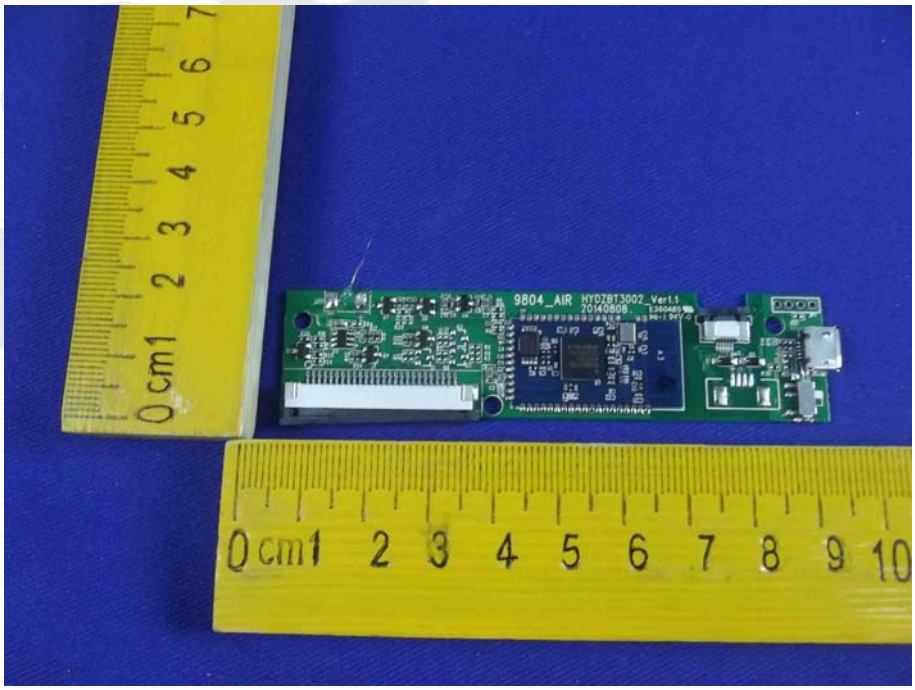


Figure 6
PCB of the EUT-Back View

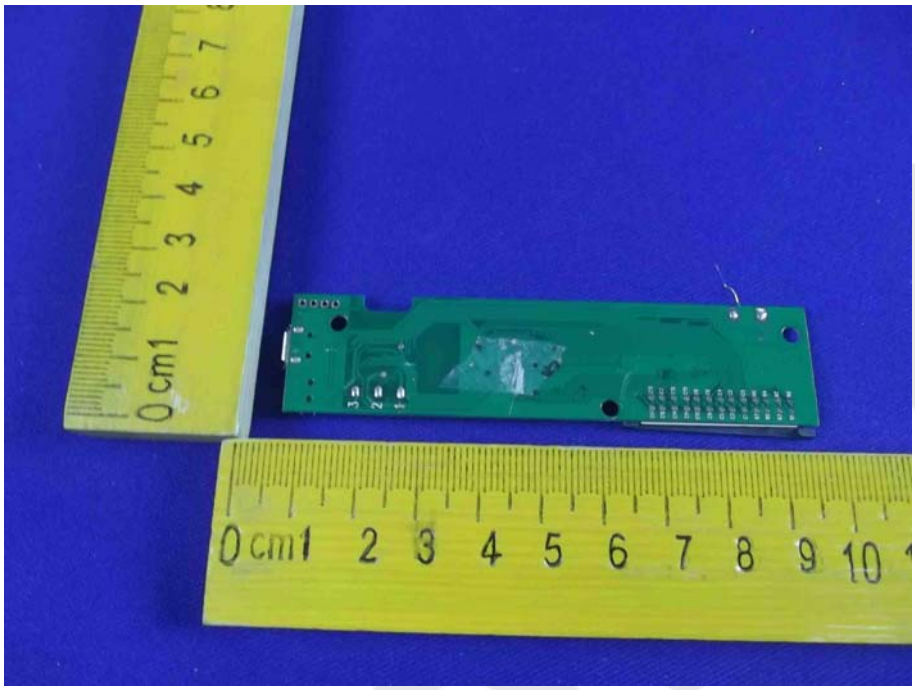


Figure 7
PCB of the EUT-Front View

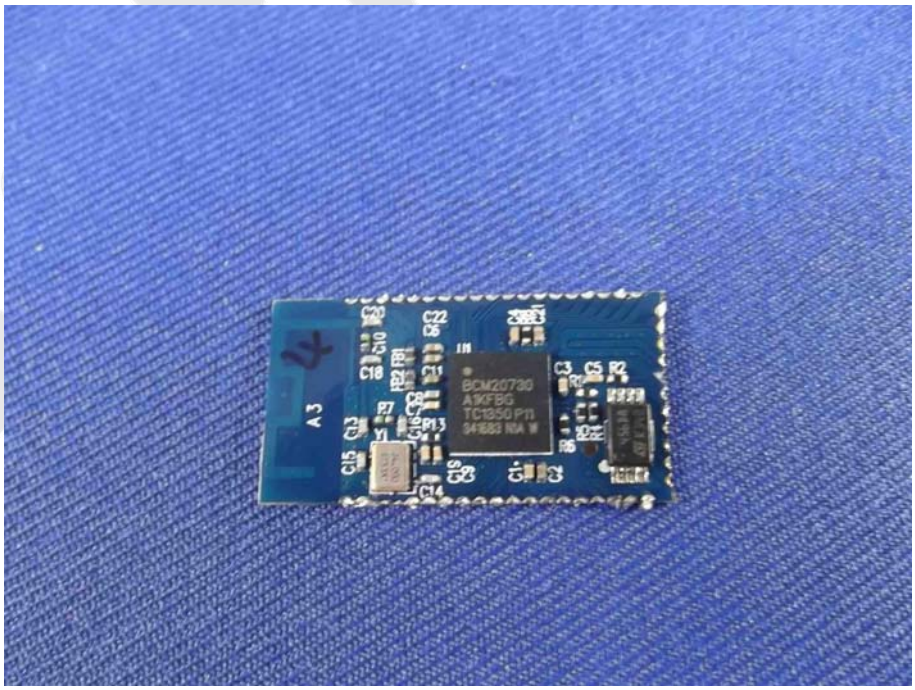


Figure 8
PCB of the EUT-Back View