

Verykool USA INC.

Tablet

Main Model: T742

Serial Model: N/A


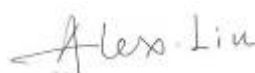

November 21, 2013

Report No.: 13070493-FCC-R2
(This report supersedes NONE)



Modifications made to the product : None

This Test Report is Issued Under the Authority of:

		
Herith Shi Compliance Engineer	Alex Liu Technical Manager	

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Test result presented in this test report is applicable to the representative sample only.

RF Test Report

To: FCC Part 15.247: 2013, ANSI C63.4: 2009

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Country/Region	Scope
USA	EMC , RF/Wireless , Telecom
Canada	EMC, RF/Wireless , Telecom
Taiwan	EMC, RF, Telecom , Safety
Hong Kong	RF/Wireless ,Telecom
Australia	EMC, RF, Telecom , Safety
Korea	EMI, EMS, RF , Telecom, Safety
Japan	EMI, RF/Wireless, Telecom
Singapore	EMC , RF , Telecom
Europe	EMC, RF, Telecom , Safety



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Main Model: T742
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To: FCC 15.247: 2013, ANSI C63.4: 2009

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1 EXECUTIVE SUMMARY & EUT INFORMATION

The purpose of this test programme was to demonstrate compliance of the Verykool USA INC., Tablet and model: T742 against the current Stipulated Standards. The Tablet has demonstrated compliance with the FCC 15.247: 2013, ANSI C63.4: 2009.

EUT Information

EUT Description : Tablet

Main Model : T742

Serial Model : N/A

Antenna Gain :
 UMTS-FDD Band V/GSM850: -2.7 dBi
 UMTS-FDD Band II/PCS1900: -0.5 dBi
 Bluetooth: 0 dBi
 WIFI: .0 dBi

Input Power :
 Battery:
 Model: W97135A4/A5
 Spec: 3.7V 2500mAh
 Limited charger voltage: 4.2V
 Adapter:
 Model: A-31-501000
 Input: 100-240V;50/60Hz 0.2A
 Output: 5V;1000mA

Classification Per Stipulated Test Standard : FCC 15.247: 2013, ANSI C63.4: 2009

2 TECHNICAL DETAILS

Purpose	Compliance testing of Tablet with stipulated standard
Applicant / Client	Verykool USA INC. 3636 Nobel Drive, Suite 325, San Diego, CA 92122
Manufacturer	Mikibobile Block 5,Hongxin industrial Park, Dabuxiang Village, Guanguang Road, Guanlan Town, Bao'an District,Shenzhen
Laboratory performing the tests	SIEMIC (Shenzhen - China) Laboratories Zone A, Floor 1, Building 2, Wan Ye Long Technology Park, South Side of Zhoushi Road, Bao'an District, Shenzhen, Guangdong, China Tel: +86-0755-2601 4629 / 2601 4953 Fax: +86-0755-2601 4953-810 Email: China@siemic.com.cn
Test report reference number	13070493-FCC-R2
Date EUT received	November 08, 2013
Standard applied	FCC 15.247: 2013, ANSI C63.4: 2009
Dates of test (from – to)	November 11, 2013 to November 19, 2013
No of Units	#1
Equipment Category	DSS
Trade Name	Verykool
RF Operating Frequency (ies)	GSM850 TX : 824.2 ~ 848.8 MHz; RX : 869.2 ~ 893.8 MHz PCS1900 TX : 1850.2 ~ 1909.8 MHz; RX : 1930.2 ~ 1989.8 MHz UMTS-FDD Band V TX : 826.4 ~ 846.6 MHz; RX : 871.4 ~ 891.6 MHz UMTS-FDD Band II TX :1852.4 ~ 1907.6 MHz; RX : 1932.4 ~ 1987.6 MHz 802.11b/g/n: 2412-2462 MHz Bluetooth & BLE: 2402-2480 MHz
Number of Channels	299CH (PCS1900) and 124CH (GSM850) UMTS-FDD Band V : 102CH UMTS-FDD Band II : 277CH Bluetooth: 79CH BLE: 40CH 802.11b/g/n: 11CH
Modulation	GSM / GPRS: GMSK UMTS-FDD: QPSK 802.11b/g/n: DSSS/OFDM Bluetooth: GFSK& $\pi/4$DQPSK&8DPSK BLE: GFSK
GPRS Multi-slot class	8/10/12
FCC ID	WA6T472



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3 MODIFICATION

NONE

4 TEST SUMMARY

The product was tested in accordance with the following specifications.
All testing has been performed according to below product classification:

Spread Spectrum System/Device

Test Results Summary

Test Standard	Description	Product Class	Pass / Fail
§15.247(i), §2.1093	RF Exposure	See Above	Pass
§15.203	Antenna Requirement	See Above	Pass
§15.207(a)	AC Line Conducted Emissions	See Above	Pass
§15.205, §15.209, §15.247(d)	Radiated Emissions	See Above	Pass
§15.247(a)(1)	20 dB Bandwidth	See Above	Pass
§15.247(a)(1)	Channel Separation	See Above	Pass
§15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	See Above	Pass
§15.247(a)(1)(iii)	Quantity of Hopping Channel	See Above	Pass
§15.247(b)(1)	Peak Output Power	See Above	Pass
§15.247(d)	Band Edge	See Above	Pass

5 MEASUREMENTS, EXAMINATION AND DERIVED RESULTS

5.1 §15.247 (i) and §2.1093 – RF Exposure

Standard Requirement:

According to §15.247 (i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission’s guidelines.

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at *test separation distances* ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{\text{(GHz)}}}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR,}^{16} \text{ where}$$

- $f_{\text{(GHz)}}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum *test separation distance* is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval.

Two antennas are available for the EUT (GSM antenna, Bluetooth antenna).

the maximum output power(turn-up power) of BT

:Low channel(2402MHz): 0.39<3.0

Middle channel(2441MHz): 0.39<3.0

High channel(2480MHz): 0.40<3.0

According to KDB 447498, no stand-alone required for Bluetooth antenna, and no simultaneous SAR measurement isrequired , please refer to SAR report.

Test Result: Pass

The SAR measurement is exempt.

5.2 §15.203 – Antenna Requirement

Standard Requirement:

According to § 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. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has 2 antennas: . a comments antenna for Bluetooth, the gain is 0 dBi;
for WIFI, the gain is 0 dBi
. a PIFA antenna for GSM, the gain are -2.7 dBi for GSM, -0.5 dBi for PCS;
for WCDMA the gain are -2.7 dBi for Band V , -0.5 dBi for Band II ;

Which in accordance to section 15.203, please refer to the internal photos.

Test Result: Pass

5.3 §15.207 (a) – AC Line Conducted Emissions

Standard Requirement:

Frequency of emission (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15–0.5	66 to 56*	56 to 46*
0.5–5	56	46
5–30	60	50

*Decreases with the logarithm of the frequency.

Procedures:

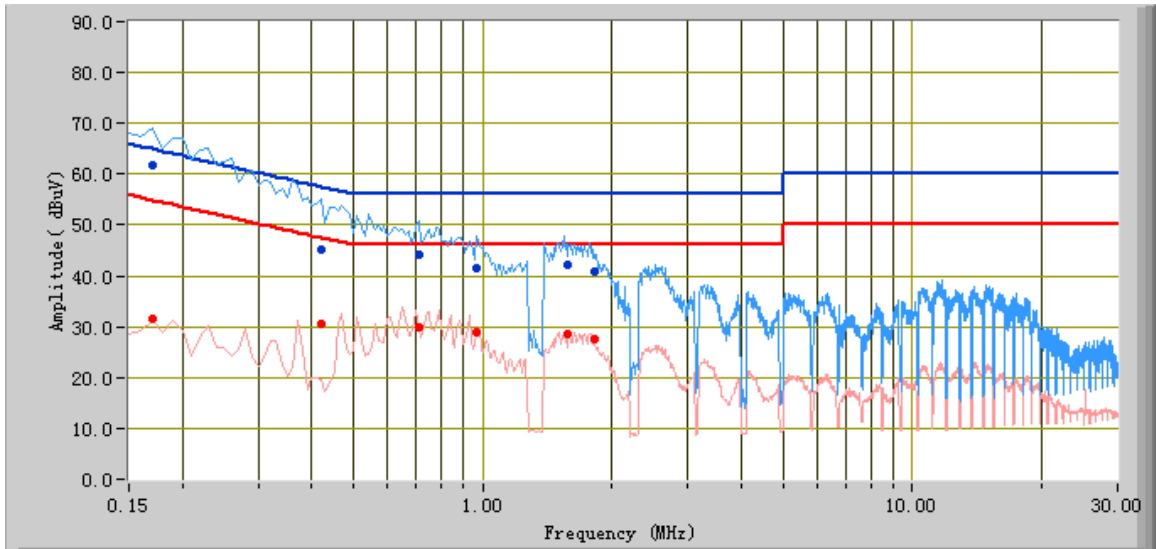
- All possible modes of operation were investigated. Only the 6 worst case emissions measured, using the correct CISPR and Average detectors, are reported. All other emissions were relatively insignificant.
- A "-ve" margin indicates a PASS as it refers to the margin present below the limit line at the particular frequency.
- Conducted Emissions Measurement Uncertainty
All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 9kHz – 30MHz (Average & Quasi-peak) is ±3.5dB.
- Environmental Conditions

Temperature	24°C
Relative Humidity	50%
Atmospheric Pressure	1008mbar
- Test date : November 12, 2013
Tested By : Herith Shi

Test Result: Pass

Test Mode:	Charging & GFSK Transmitting(Worse Case)
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Peak Detector  **Quasi Peak Limit** 
Average Detector  **Average Limit** 



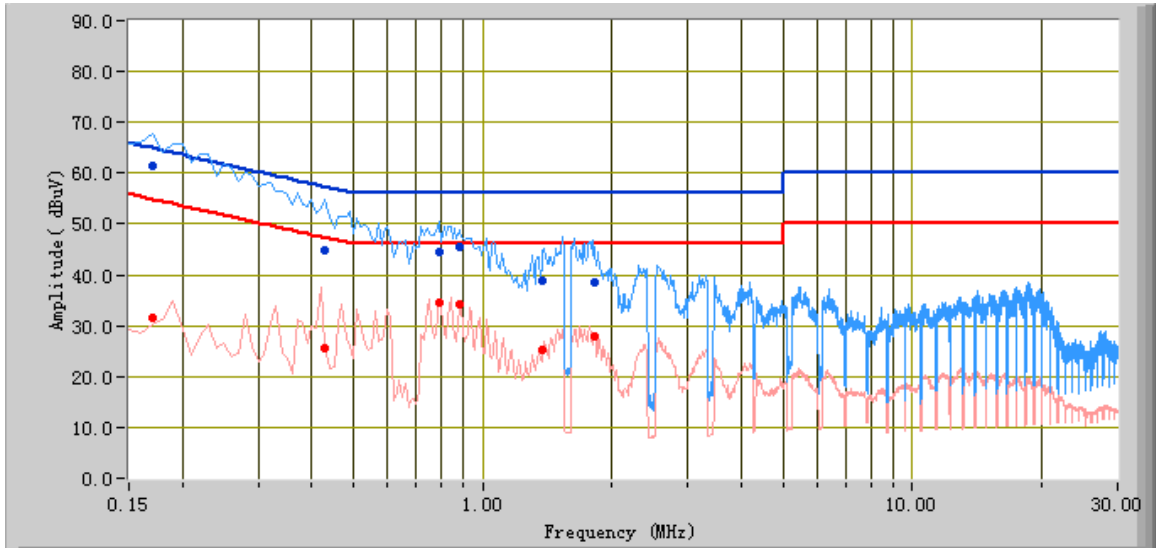
Test Data

Phase Line Plot at 120Vac, 60Hz

Frequency (MHz)	Quasi Peak (dBuV)	Limit (dBuV)	Margin (dB)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Factors (dB)
0.17	61.78	64.96	-3.18	31.44	54.96	-23.52	10.10
0.42	45.30	57.45	-12.15	30.47	47.45	-16.98	10.10
0.71	44.02	56.00	-11.98	29.92	46.00	-16.08	10.10
0.97	41.41	56.00	-14.59	29.03	46.00	-16.97	10.10
1.58	42.06	56.00	-13.94	28.61	46.00	-17.39	10.10
1.82	40.92	56.00	-15.08	27.40	46.00	-18.60	10.11

Test Mode: Charging & GFSK Transmitting (Worse Case)

Peak Detector  **Quasi Peak Limit** 
Average Detector  **Average Limit** 



Test Data

Phase Neutral Plot at 120Vac, 60Hz

Frequency (MHz)	Quasi Peak (dBuV)	Limit (dBuV)	Margin (dB)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Factors (dB)
0.17	61.30	64.96	-3.66	31.53	54.96	-23.43	10.10
0.43	44.78	57.25	-12.47	25.72	47.25	-21.53	10.10
0.79	44.64	56.00	-11.36	34.38	46.00	-11.62	10.10
0.88	45.42	56.00	-10.58	34.22	46.00	-11.78	10.10
1.38	38.85	56.00	-17.15	25.34	46.00	-20.66	10.10
1.82	38.69	56.00	-17.31	27.89	46.00	-18.11	10.11

5.4 §15.209, §15.205 & §15.247(d) - Spurious Emissions

1. All possible modes of operation were investigated. Only the 6 worst case emissions measured, using the correct CISPR detectors, are reported. All other emissions were relatively insignificant.
2. A "-ve" margin indicates a PASS as it refers to the margin present below the limit line at the particular frequency.
3. Radiated Emissions Measurement Uncertainty
All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz – 1GHz (3m & 10m) & 1GHz above (3m) is +5.6/-4.5dB.
4. Environmental Conditions

Temperature	24°C
Relative Humidity	50%
Atmospheric Pressure	1008mbar
5. Test date : November 11, 2013
Tested By : Herith Shi

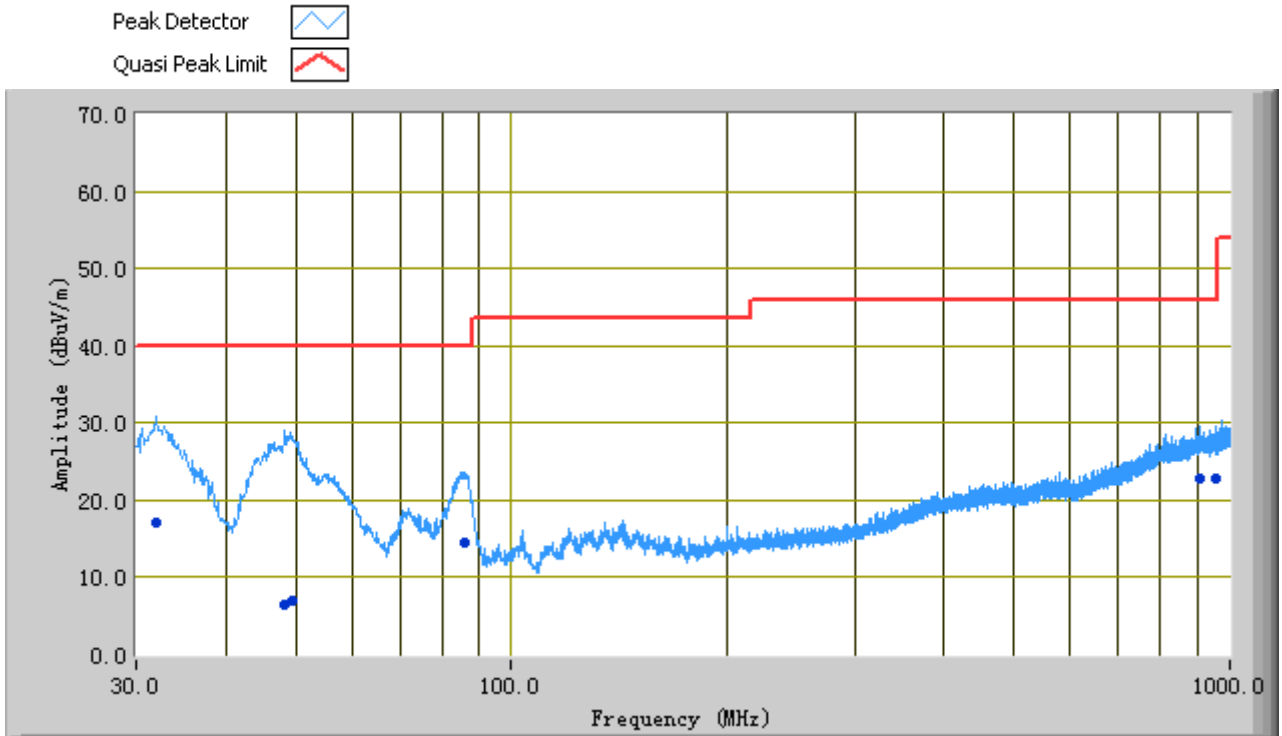
Standard Requirement:

The emissions from the Low-power radio-frequency devices shall not exceed the field strength levels specified in the following table and the level of any unwanted emissions shall not exceed the level of the fundamental emission. The tighter limit applies at the band edges.

Test Result: Pass

Test Mode:	Charging & GFSK Transmitting(Worse Case)
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Below 1GHz



Test Data

Horizontal & Vertical Polarity Plot @3m

Frequency (MHz)	Quasi Peak (dBuV/m)	Azimuth	Polarity(H/V)	Height (cm)	Factors (dB)	Limit (dBuV)	Margin (dB)
32.01	17.11	0.00	V	309.00	-2.66	40.00	-22.89
48.26	6.36	115.00	V	143.00	-13.14	40.00	-33.64
49.47	7.09	125.00	V	335.00	-13.71	40.00	-32.91
953.39	22.85	118.00	V	168.00	5.61	46.00	-23.15
85.75	14.60	0.00	H	215.00	-13.78	40.00	-25.40
910.71	22.83	175.00	V	252.00	4.94	46.00	-23.17

Test Mode:	Charging & GFSK Transmitting
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Above 1 GHz

Note: Other Bluetooth modes were verified; only the result of worst case DH5 mode was presented.

Low Channel (2402 MHz)

Frequency (MHz)	S.A. Reading (dBµV)	Detector (PK/AV)	Direction (degree)	Height (cm)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
4804	32.15	AV	272	1.0	V	33.83	4.87	24	46.85	54	-7.15
4804	33.24	AV	185	1.0	H	33.83	4.87	24	47.94	54	-6.06
4804	41.51	PK	272	1.0	V	33.83	4.87	24	56.21	74	-17.79
4804	42.05	PK	185	1.0	H	33.83	4.87	24	56.75	74	-17.25

Middle Channel (2441 MHz)

Frequency (MHz)	S.A. Reading (dBµV)	Detector (PK/AV)	Direction (degree)	Height (cm)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
4880	32.41	AV	270	1.0	V	33.86	4.87	24	47.14	54	-6.86
4880	32.85	AV	178	1.0	H	33.86	4.87	24	47.58	54	-6.42
4880	41.82	PK	270	1.0	V	33.86	4.87	24	56.55	74	-17.45
4880	41.91	PK	178	1.0	H	33.86	4.87	24	56.64	74	-17.36

High Channel (2480 MHz)

Frequency (MHz)	S.A. Reading (dBµV)	Detector (PK/AV)	Direction (degree)	Height (cm)	Polarity (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
4960	32.17	AV	281	1.0	V	33.9	4.87	24	46.94	54	-7.06
4960	33.08	AV	182	1.0	H	33.9	4.87	24	47.85	54	-6.15
4960	41.07	PK	281	1.0	V	33.9	4.87	24	55.84	74	-18.16
4960	41.21	PK	182	1.0	H	33.9	4.87	24	55.98	74	-18.02

5.5 §15.247(a) (1)-Channel Separation

1. Conducted Measurement
EUT was set for low, mid, high channel with modulated mode and highest RF output power.
The spectrum analyzer was connected to the antenna terminal.
2. Environmental Conditions

Temperature	24°C
Relative Humidity	50%
Atmospheric Pressure	1019mbar
3. Conducted Emissions Measurement Uncertainty
All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz – 40GHz is ±1.5dB.
4. Test date : November 15, 2013
Tested By : Herith Shi

Standard Requirement:

According to §15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or two-thirds of the 20dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

Procedures:

1. Place the EUT on the table and set it in hopping function transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set center frequency of spectrum analyzer = middle of hopping channel.
4. Set the spectrum analyzer as Resolution (or IF) Bandwidth (RBW) ≥ 1% of the span, Video (or Average) Bandwidth (VBW) ≥ RBW, Sweep = auto, Detector function = peak, Trace = max hold.
5. Max hold, mark 2 peaks of hopping channel and record the 2 peaks frequency.

Test Result: Pass

Test Mode:	GFSK Transmitting
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Channel	Channel Frequency (MHz)	Channel Separation (MHz)	Limit (MHz)	Result
Low Channel	2402	1.005	0.668	Pass
Adjacency Channel	2403			
Mid Channel	2440	1.005	0.686	Pass
Adjacency Channel	2441			
High Channel	2480	1.005	0.687	Pass
Adjacency Channel	2479			

Please refer to the following plots.



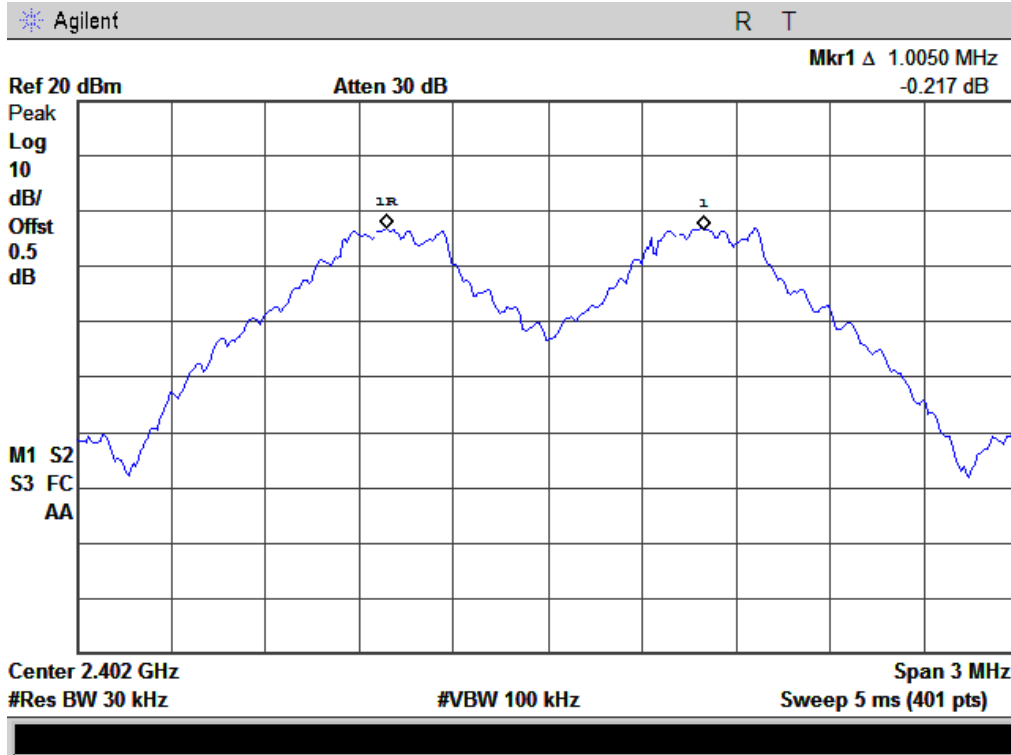
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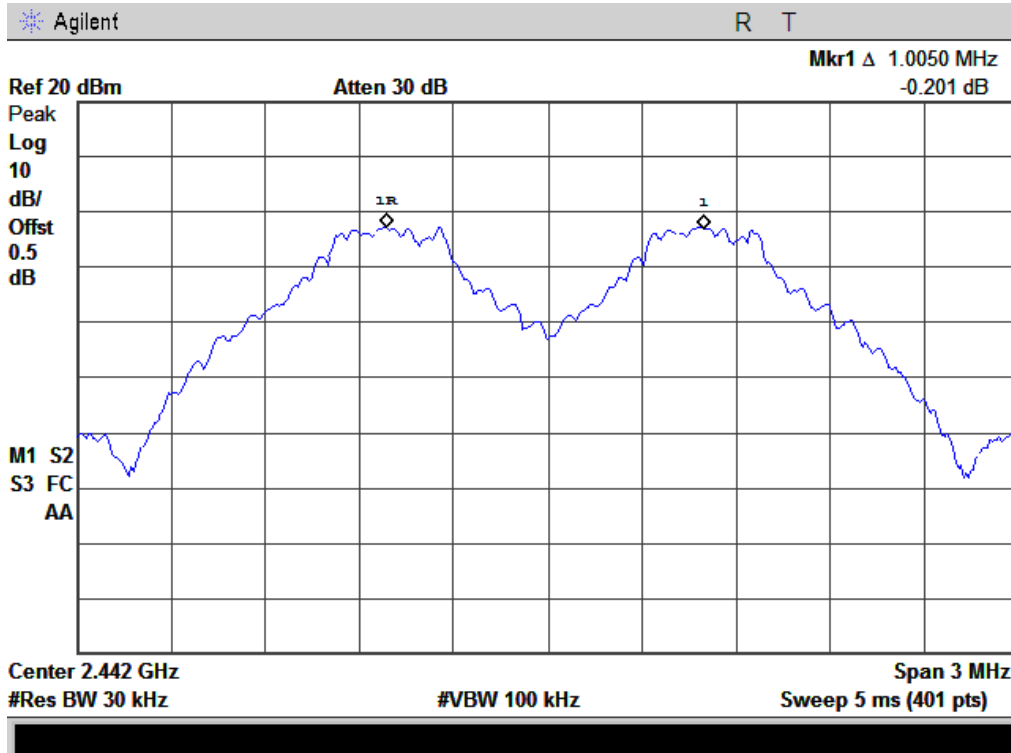
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Low Channel



Middle Channel





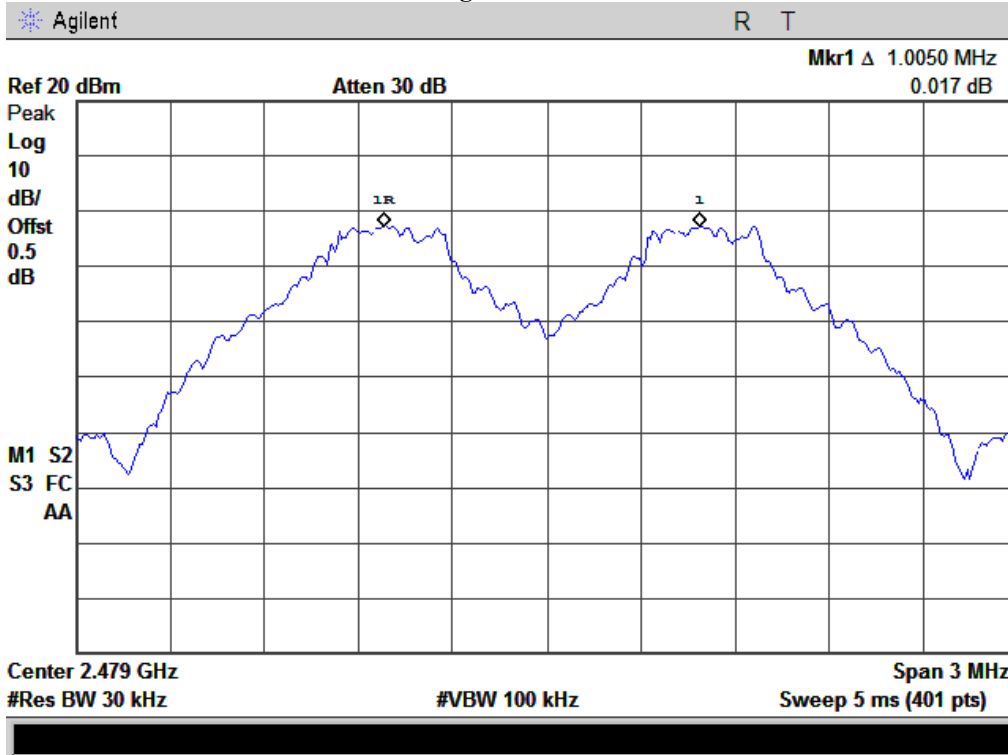
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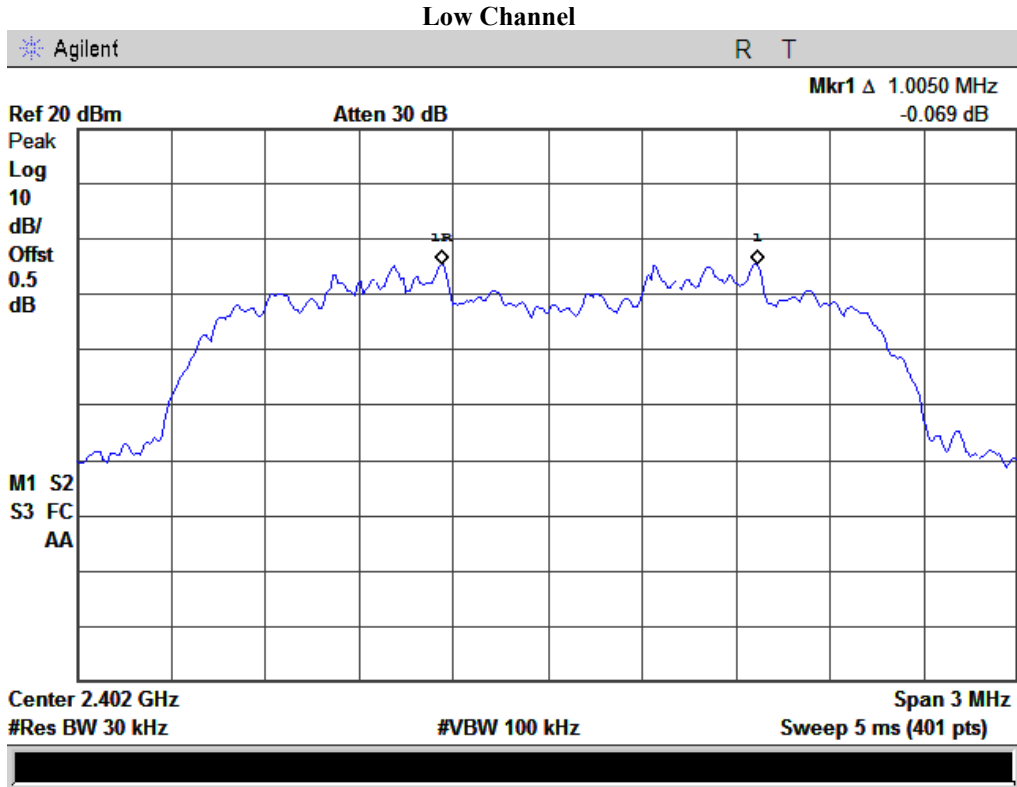
High Channel



Test Mode: π /4 DQPSK Transmitting

Channel	Channel Frequency (MHz)	Channel Separation (MHz)	Limit (MHz)	Result
Low Channel	2402	1.005	0.877	Pass
Adjacency Channel	2403			
Mid Channel	2440	1.005	0.873	Pass
Adjacency Channel	2441			
High Channel	2480	1.005	0.870	Pass
Adjacency Channel	2479			

Please refer to the following plots.





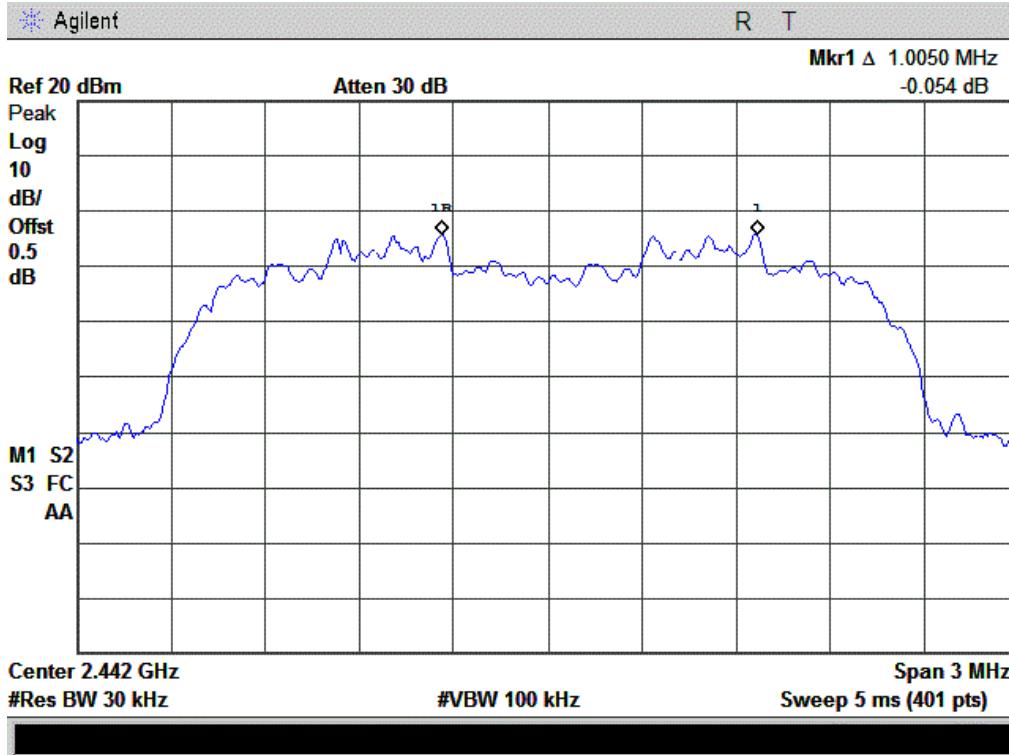
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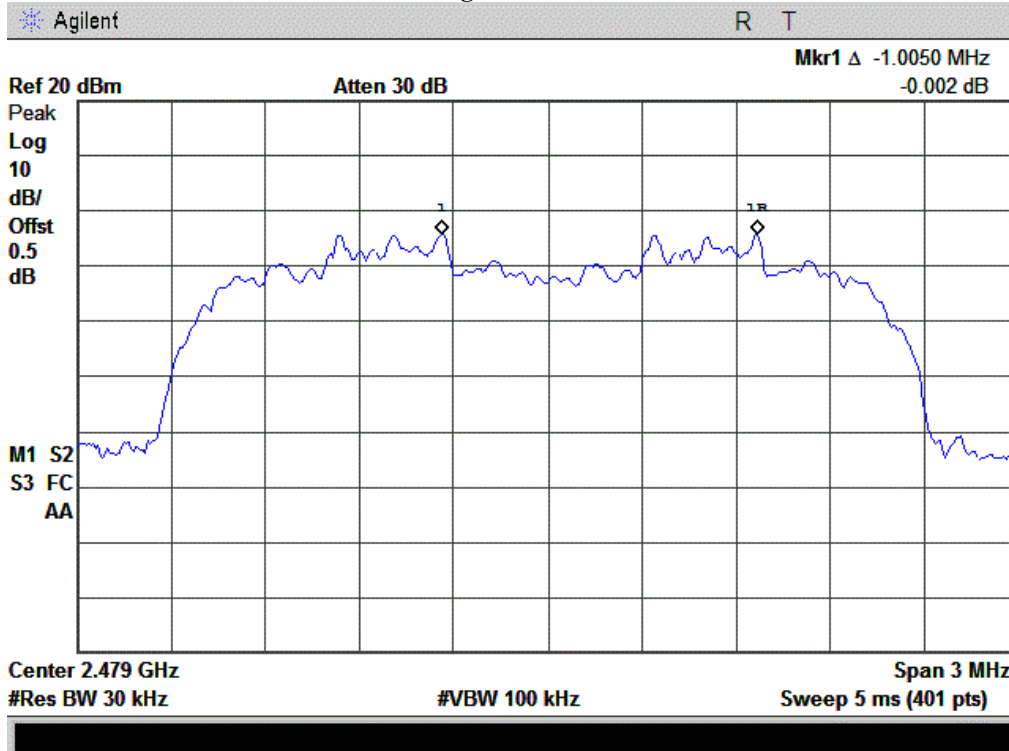
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Middle Channel



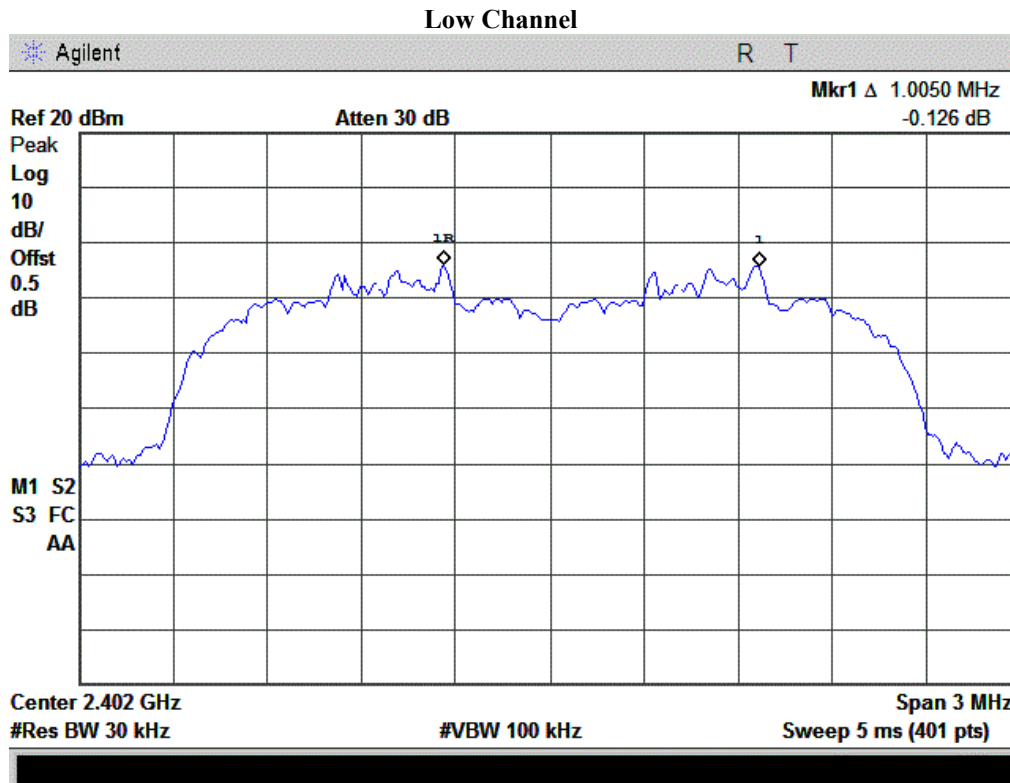
High Channel



Test Mode: 8DPSK Transmitting

Channel	Channel Frequency (MHz)	Channel Separation (MHz)	Limit (MHz)	Result
Low Channel	2402	1.005	0.871	Pass
Adjacency Channel	2403			
Mid Channel	2440	1.005	0.871	Pass
Adjacency Channel	2441			
High Channel	2480	1.005	0.870	Pass
Adjacency Channel	2479			

Please refer to the following plots.





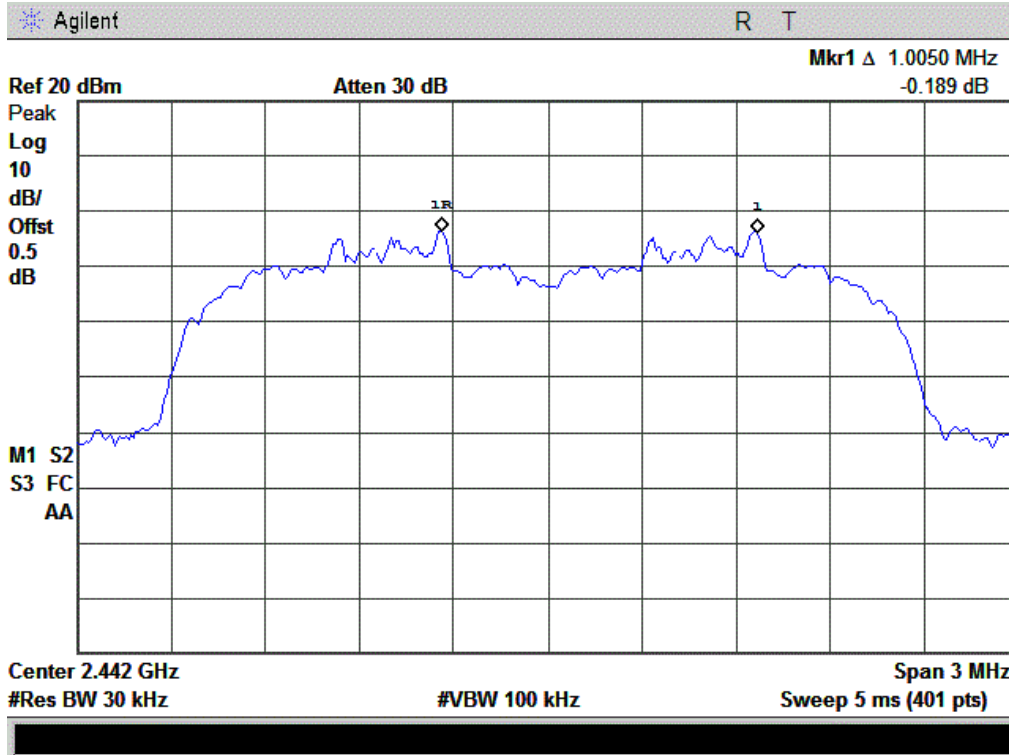
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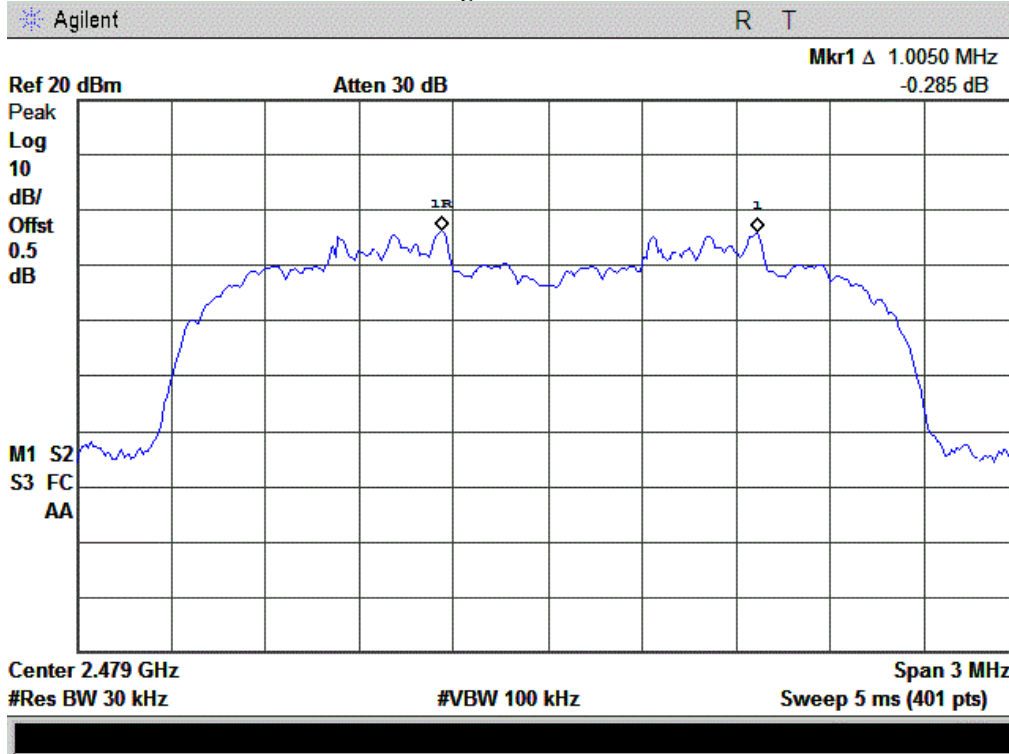
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Middle Channel



High Channel



§15.247(a) (1) – 20dB Bandwidth

1. **Conducted Measurement**
EUT was set for low, mid, high channel with modulated mode and highest RF output power.
The spectrum analyzer was connected to the antenna terminal.
2. **Environmental Conditions**

Temperature	25°C
Relative Humidity	52%
Atmospheric Pressure	1009mbar
3. **Conducted Emissions Measurement Uncertainty**
All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz – 40GHz is ± 1.5 dB.
4. Test date : November 15, 2013
Tested By : Herith Shi

Standard Requirement:

According to §15.247(a)(1), Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

Procedures:

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel, RBW $\geq 1\%$ of the 20 dB bandwidth, VBW \geq RBW, Sweep = auto, Detector function = peak, Trace = max hold.
4. Set the measured low, middle and high frequency and test 20dB bandwidth with spectrum analyzer.

Test Result: Pass

Test Mode:	GFSK Transmitting
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Channel	Frequency (MHz)	20 dB Bandwidth (MHz)
Low	2402	1.002
Middle	2441	1.029
High	2480	1.031

Please refer to the following plots.



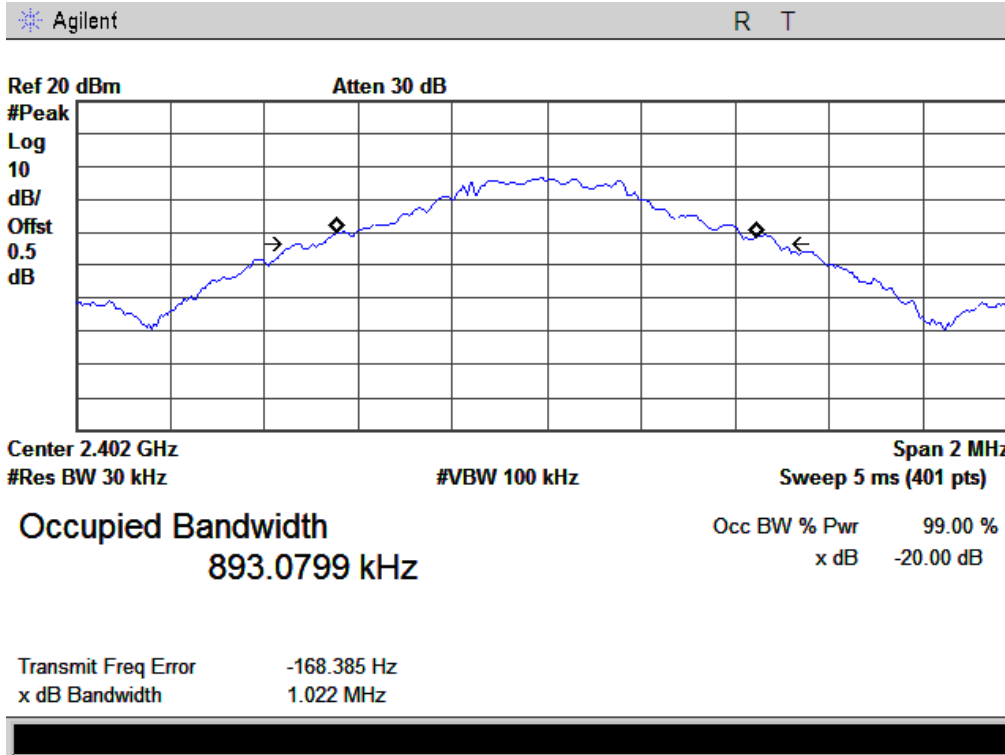
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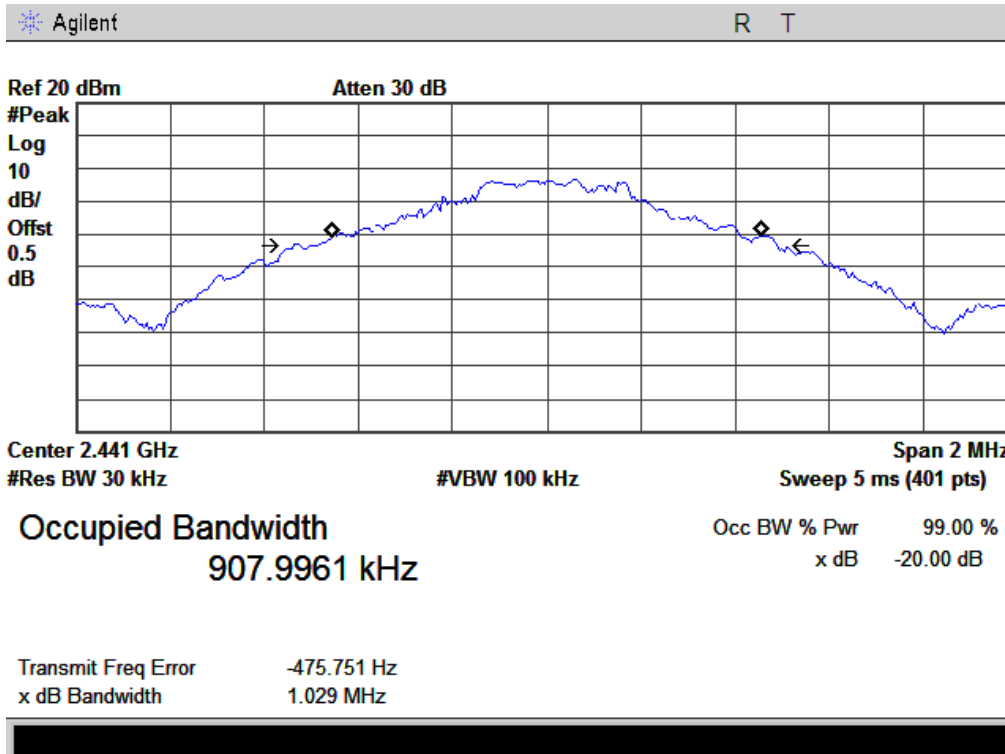
Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Low Channel



Middle Channel





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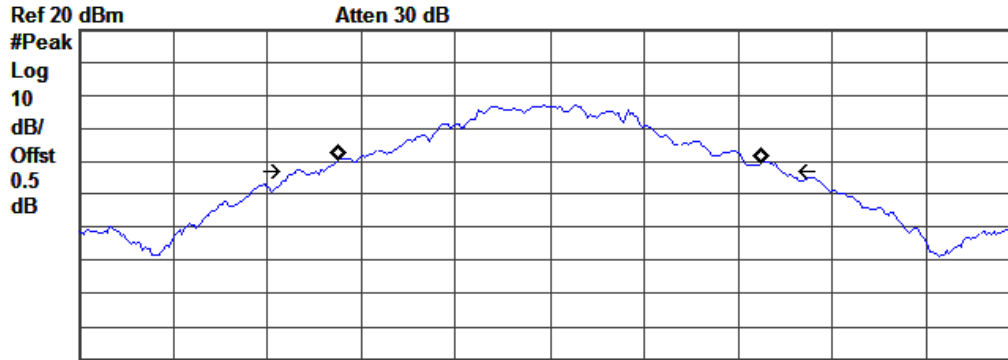
Accessing global markets

Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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High Channel

Agilent R T



Center 2.48 GHz Span 2 MHz
#Res BW 30 kHz #VBW 100 kHz Sweep 5 ms (401 pts)

Occupied Bandwidth
900.4663 kHz

Occ BW % Pwr 99.00 %
x dB -20.00 dB

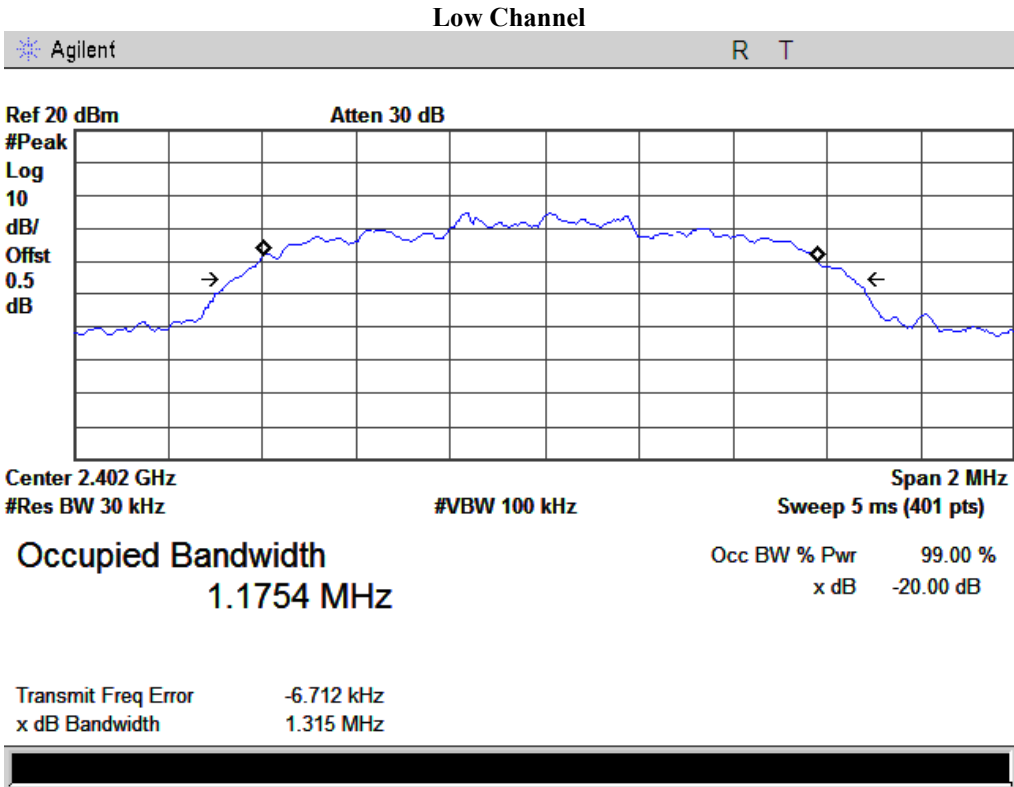
Transmit Freq Error -717.791 Hz
x dB Bandwidth 1.031 MHz



Test Mode:	π /4DQPSK Transmitting
-------------------	--

Channel	Frequency (MHz)	20 dB Bandwidth (MHz)
Low	2402	1.315
Middle	2441	1.309
High	2480	1.305

Please refer to the following plots.





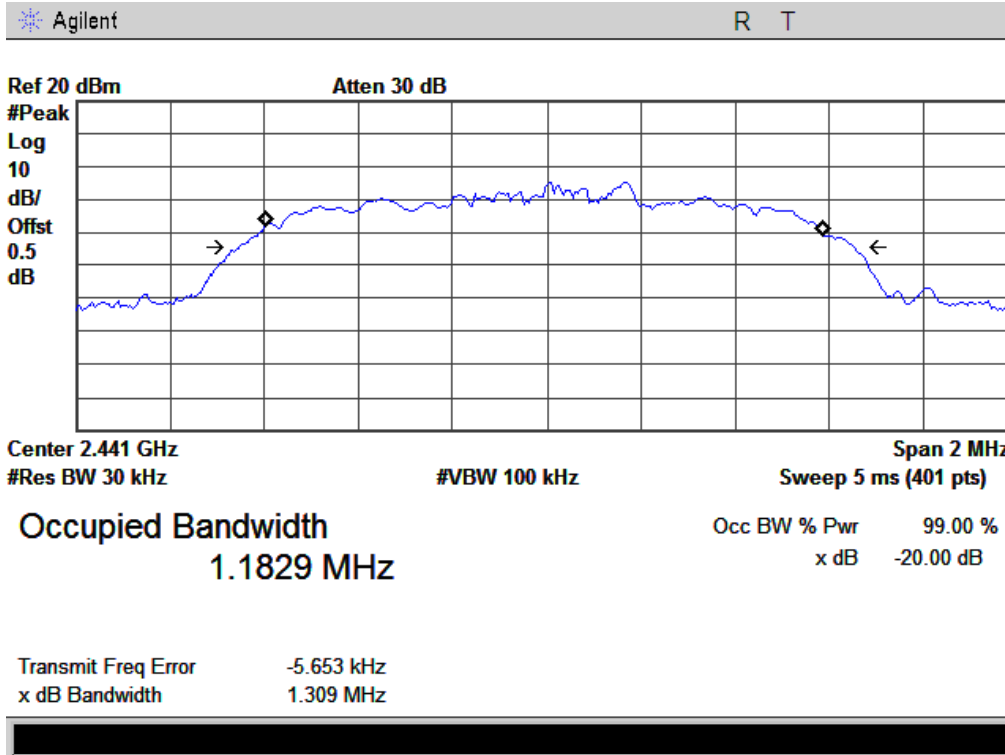
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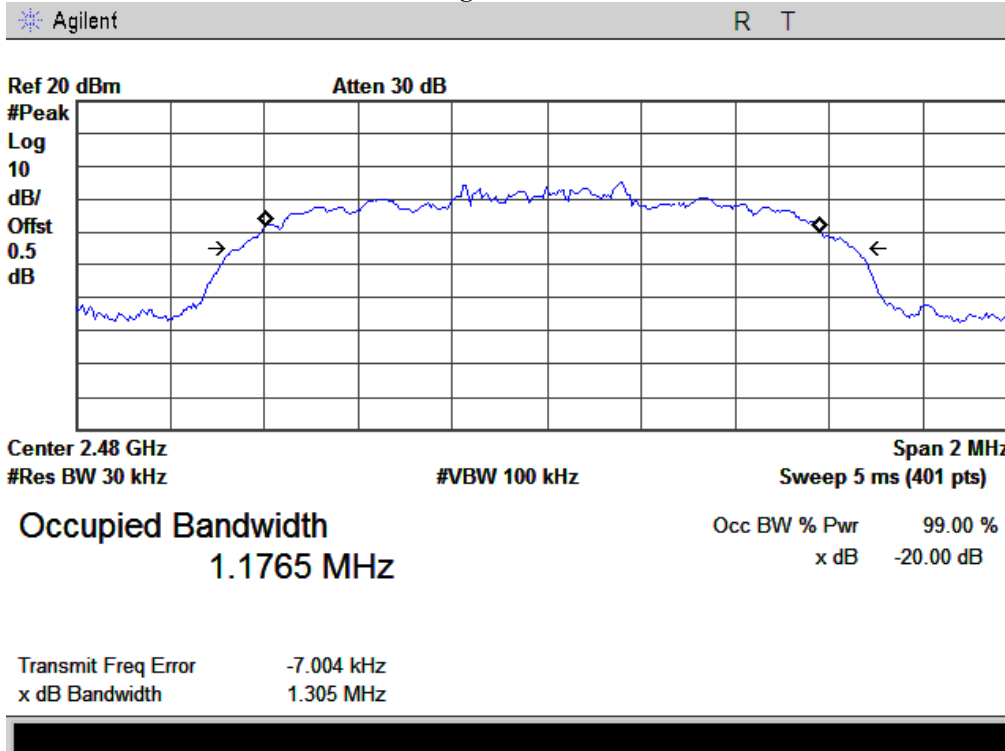
Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Middle Channel



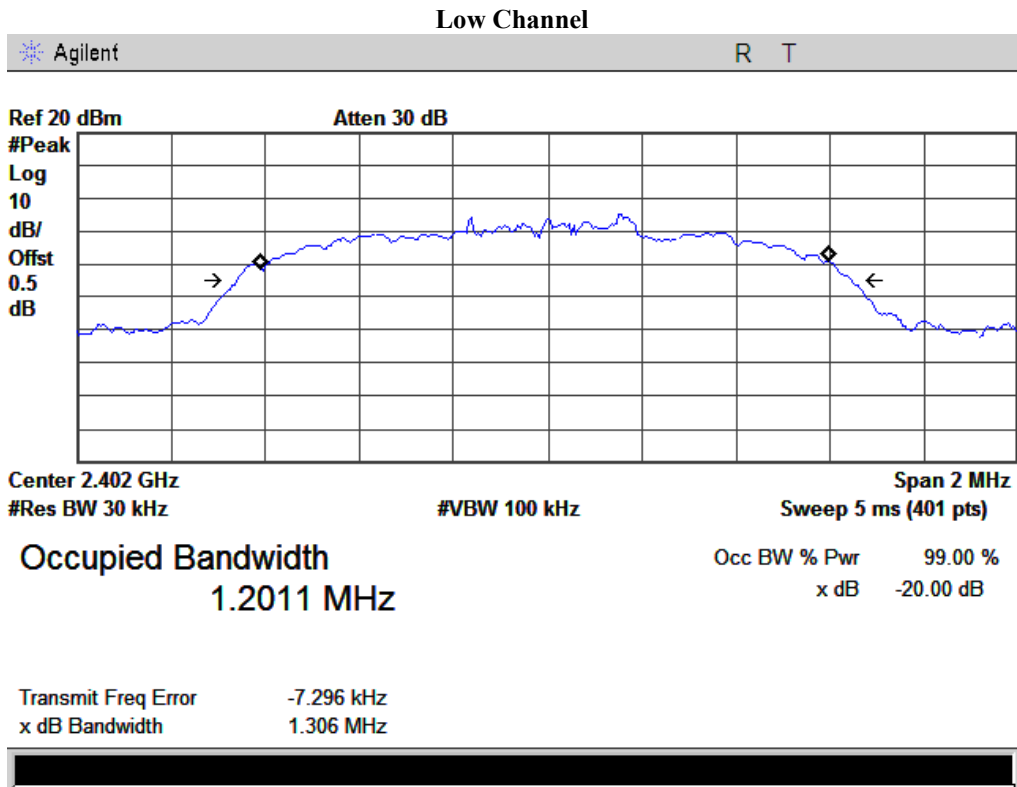
High Channel



Test Mode:	8DPSK Transmitting
-------------------	---------------------------

Channel	Frequency (MHz)	20 dB Bandwidth (MHz)
Low	2402	1.306
Middle	2441	1.307
High	2480	1.305

Please refer to the following plots.





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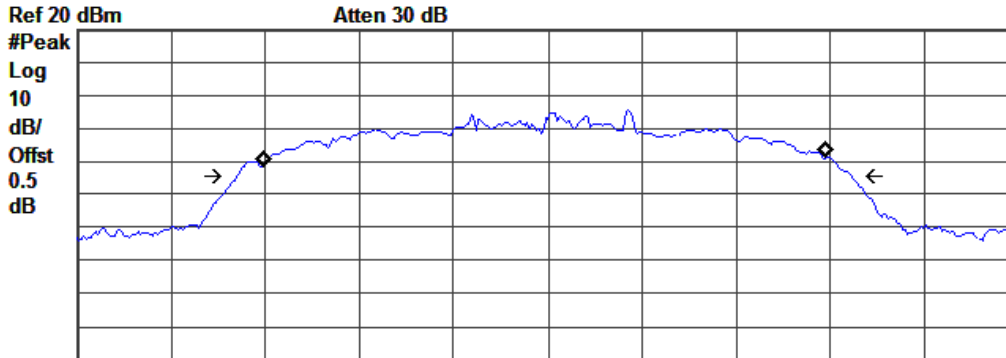
Accessing global markets

Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Middle Channel

Agilent R T



Center 2.441 GHz Span 2 MHz
#Res BW 30 kHz #VBW 100 kHz Sweep 5 ms (401 pts)

Occupied Bandwidth
1.1978 MHz

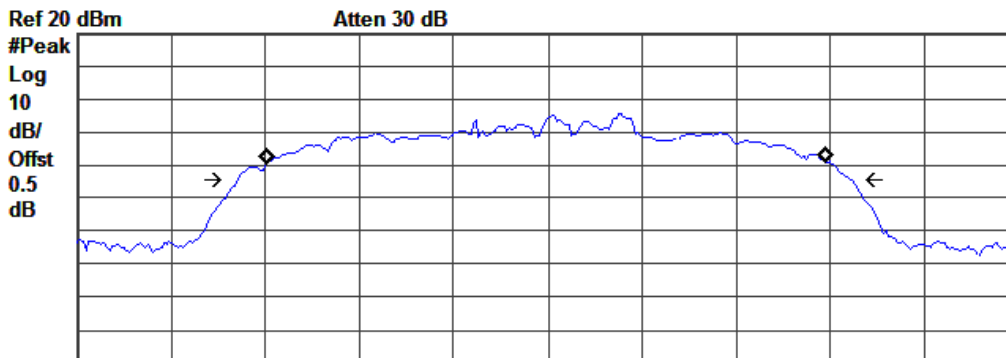
Occ BW % Pwr 99.00 %
x dB -20.00 dB

Transmit Freq Error -6.426 kHz
x dB Bandwidth 1.307 MHz



High Channel

Agilent R T



Center 2.48 GHz Span 2 MHz
#Res BW 30 kHz #VBW 100 kHz Sweep 5 ms (401 pts)

Occupied Bandwidth
1.1836 MHz

Occ BW % Pwr 99.00 %
x dB -20.00 dB

Transmit Freq Error -3.754 kHz
x dB Bandwidth 1.305 MHz



5.6 §15.247(a) (1) (iii)-Number of Hopping Channels

1. Conducted Measurement
EUT was set for low, mid, high channel with modulated mode and highest RF output power.
The spectrum analyzer was connected to the antenna terminal.
2. Conducted Emissions Measurement Uncertainty
All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz – 40GHz is ±1.5dB.
3. Environmental Conditions

Temperature	24°C
Relative Humidity	53%
Atmospheric Pressure	1009mbar
4. Test date : November 14, 2013
Tested By : Herith Shi

Standard Requirement:

According to §15.247(a)(1)(iii), Frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels.

Procedures:

1. Place the EUT on the table and set it in hopping function transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as Start=2400MHz, Stop = 2483.5MHz, Span = the frequency band of operation, RBW ≥1% of the span, VBW ≥ RBW, Sweep = auto, Detector function = peak, Trace = max hold.
4. Count the quantity of peaks to get the number of hopping channels.

Test Result: Pass

Test Mode:	Hopping Mode With GFSK Modulation
-------------------	--

Frequency Range (MHz)	Number of Hopping Channels	Limit
2400-2483.5	79	≥15

Please refer to following tables and plots



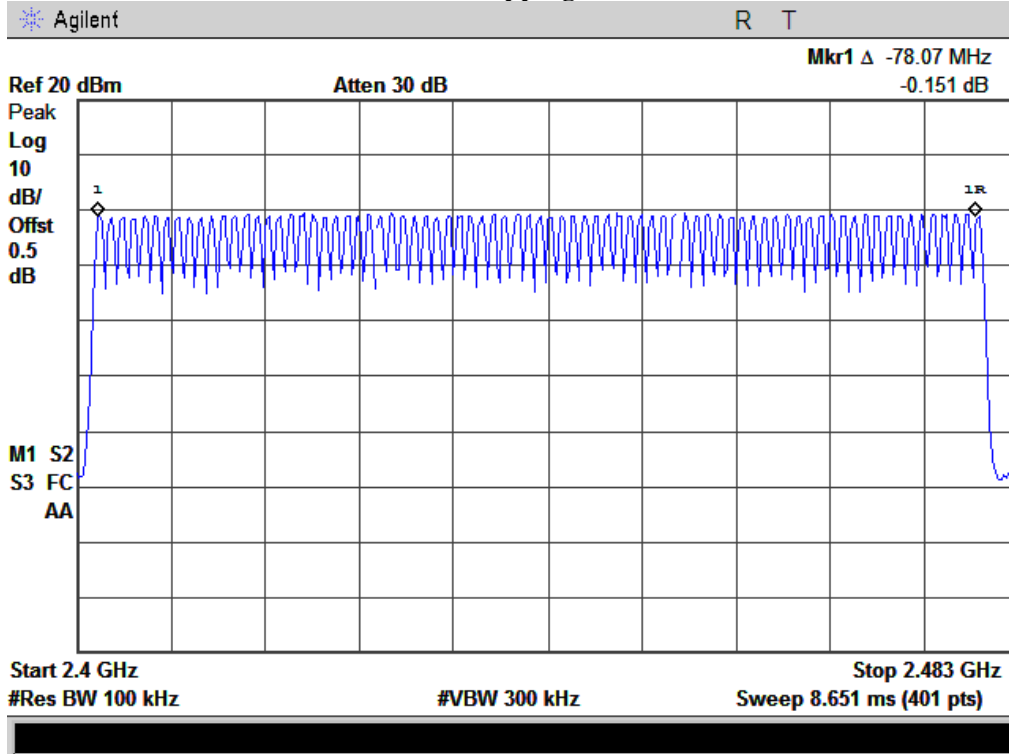
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Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Number of Hopping Channels

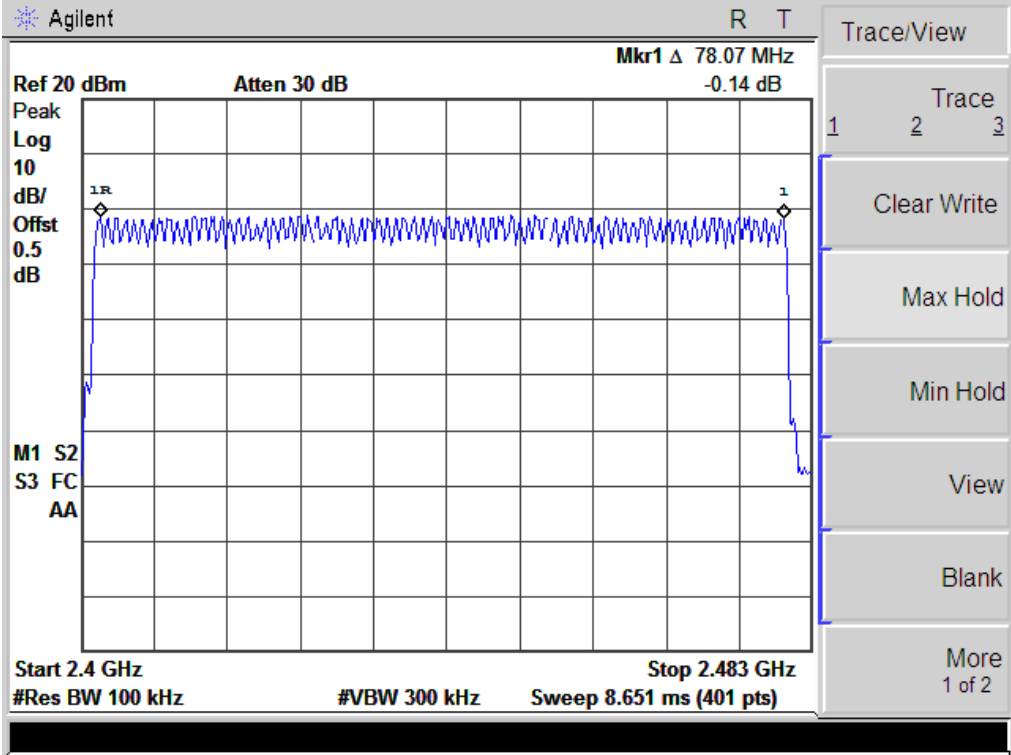


Test Mode: Hopping Mode With $\pi/4$ DQPSK Modulation

Frequency Range (MHz)	Number of Hopping Channels	Limit
2400-2483.5	79	≥ 15

Please refer to following tables and plots

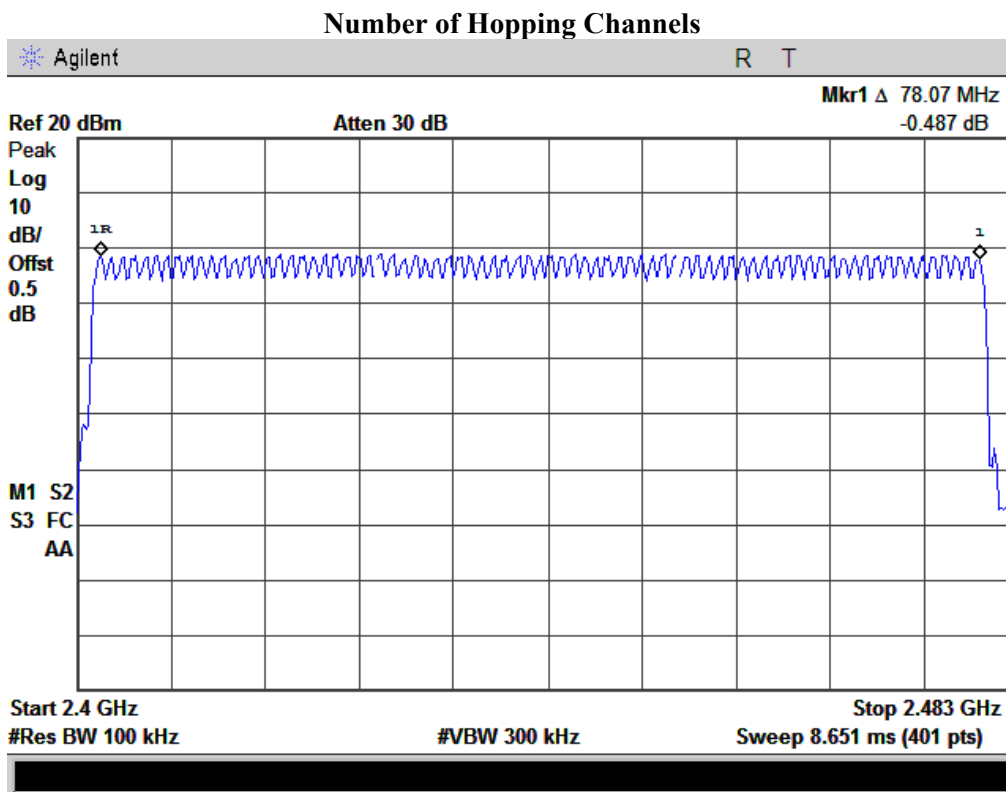
Number of Hopping Channels



Test Mode: Hopping Mode With 8DPSK Modulation

Frequency Range (MHz)	Number of Hopping Channels	Limit
2400-2483.5	79	≥15

Please refer to following tables and plots



5.7 §15.247(a) (1) (iii) -Time of Occupancy (Dwell Time)

1. Conducted Measurement
EUT was set for low, mid, high channel with modulated mode and highest RF output power.
The spectrum analyzer was connected to the antenna terminal.
2. Conducted Emissions Measurement Uncertainty
All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz – 40GHz is ± 1.5 dB.
3. Environmental Conditions

Temperature	23°C
Relative Humidity	51%
Atmospheric Pressure	1010mbar
4. Test date : November 16, 2013
Tested By : Herith Shi

Standard Requirement:

According to §15.247(a)(1)(iii), The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

Procedures:

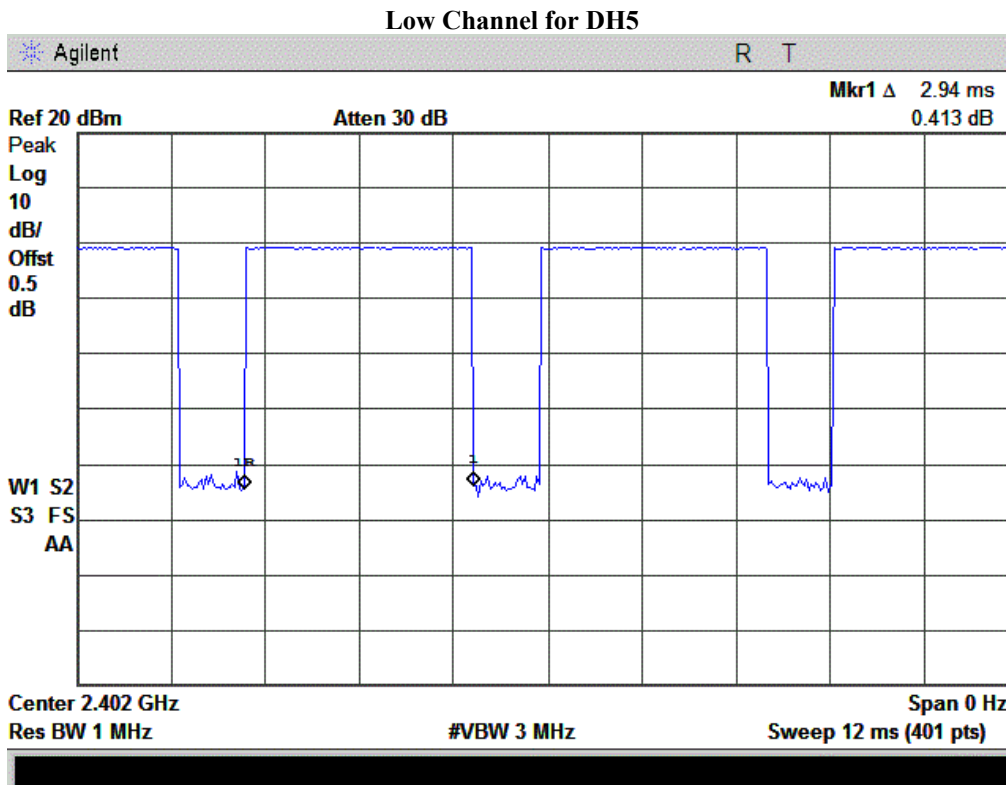
1. Place the EUT on the table and set it in transmitting mode and switch on frequency hopping function.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as Span = zero span, centered on a hopping channel,
RBW=1MHz, VBW \geq RBW, Sweep = as necessary to capture the entire dwell time per hopping channel, Detector function = peak, Trace = max hold.
4. Calculate the time of occupancy in a period with time occupancy of a burst and quantity of bursts.

Test Result: Pass

Test Mode:	Hopping Mode With GFSK Modulation
-------------------	--

Mode	Channel	Pulse Width (ms)	Dwell Time (s)	Limit (s)	Result
DH 5	Low	2.940	0.3136	0.4	Pass
	Middle	2.940	0.3136	0.4	Pass
	High	2.940	0.3136	0.4	Pass
<i>Note:</i> Dwell time=Pulse Time (ms) × (1600 ÷ 6 ÷ 79) × 31.6 Second					

Please refer to the following plots.





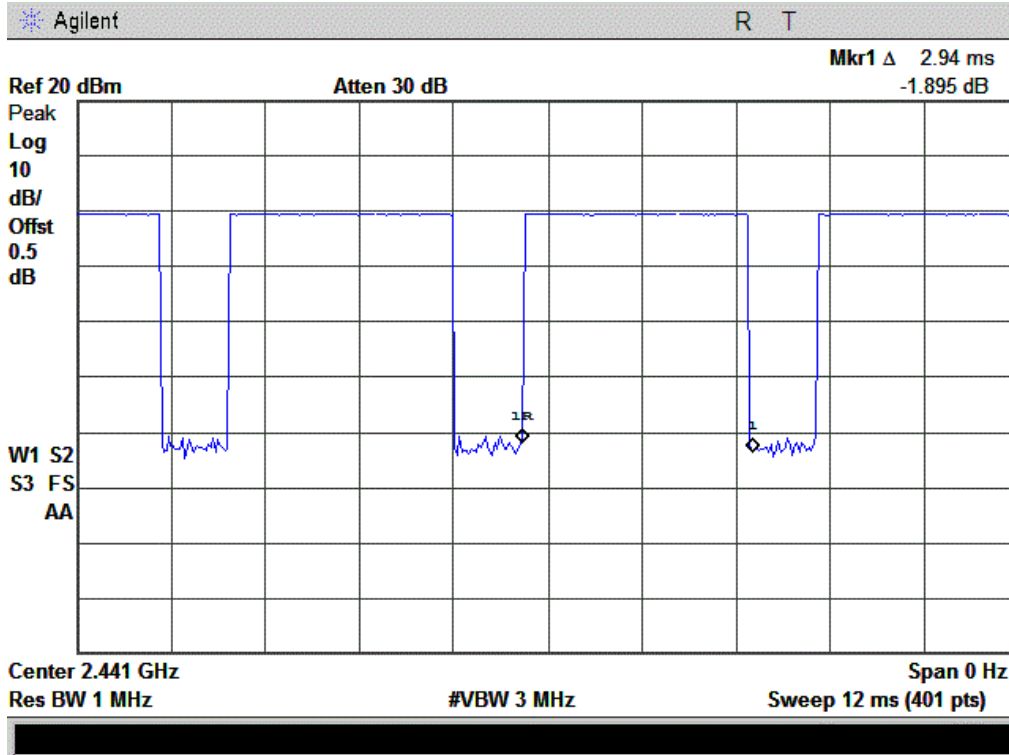
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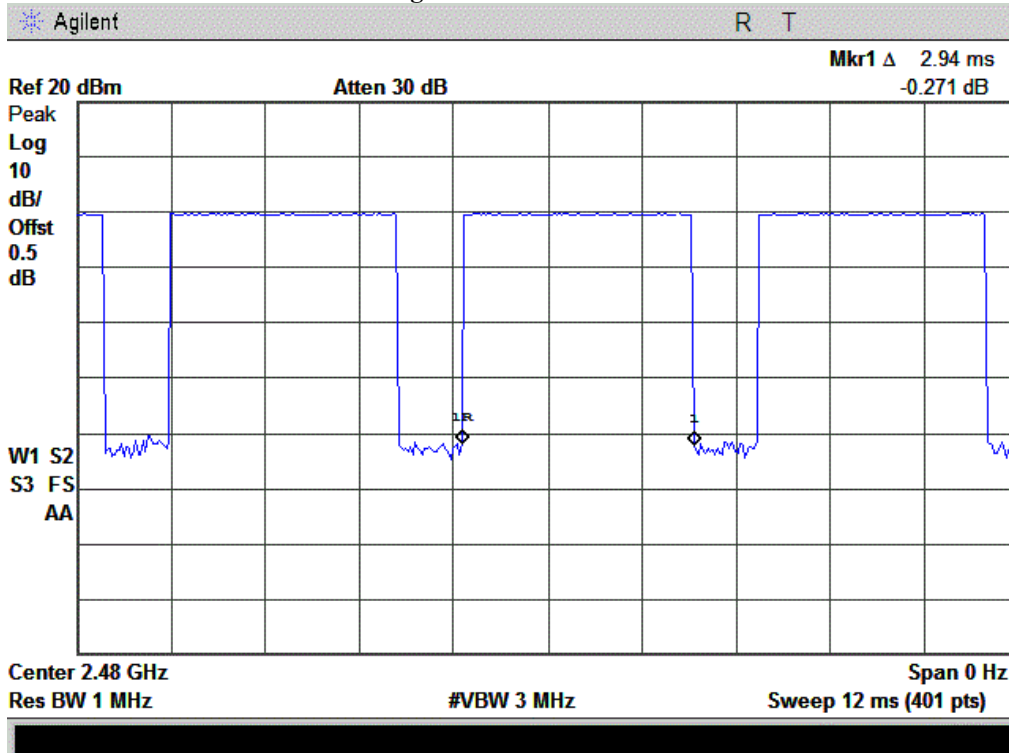
Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Middle Channel for DH5



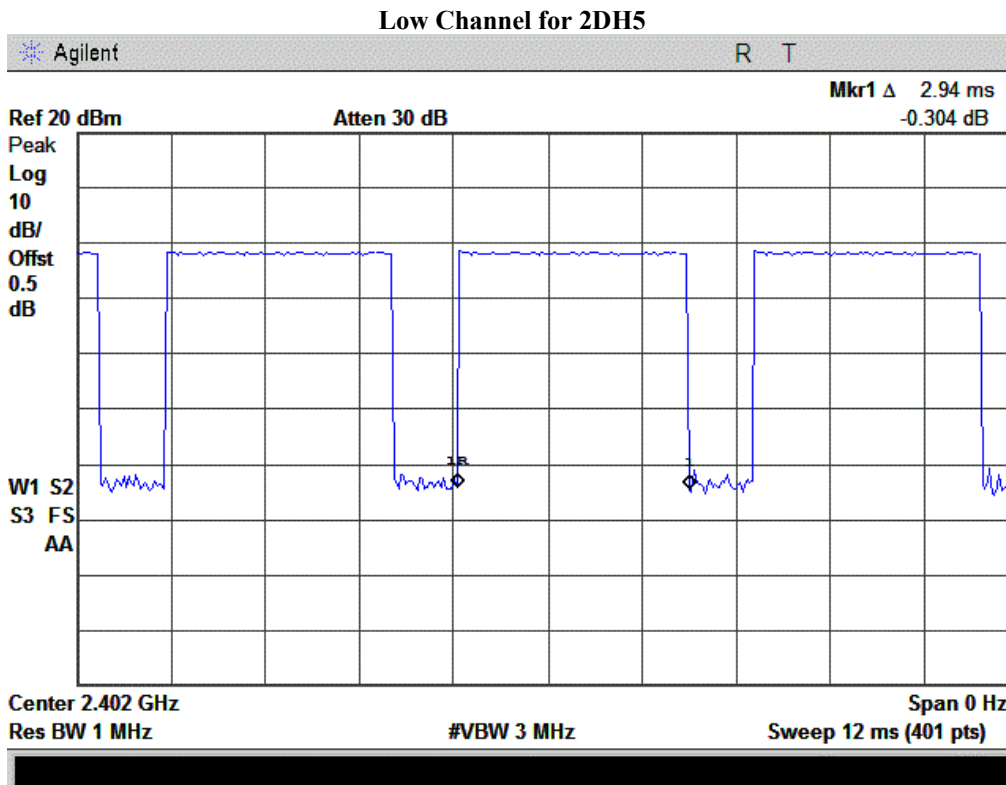
High Channel for DH5



Test Mode: Hopping Mode With $\pi/4$ DQPSK Modulation

Mode	Channel	Pulse Width (ms)	Dwell Time (s)	Limit (s)	Result
2DH 5	Low	2.940	0.3136	0.4	Pass
	Middle	2.940	0.3136	0.4	Pass
	High	2.940	0.3136	0.4	Pass
	Note: Dwell time=Pulse Time (ms) × (1600 ÷ 6 ÷ 79) × 31.6 Second				

Please refer to the following plots.





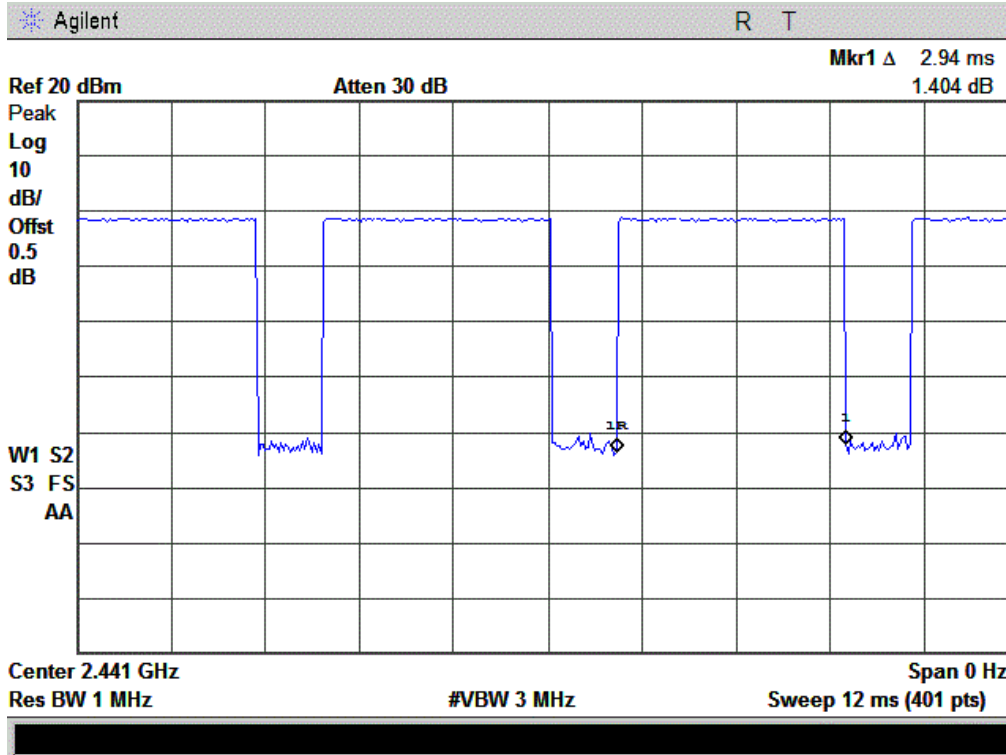
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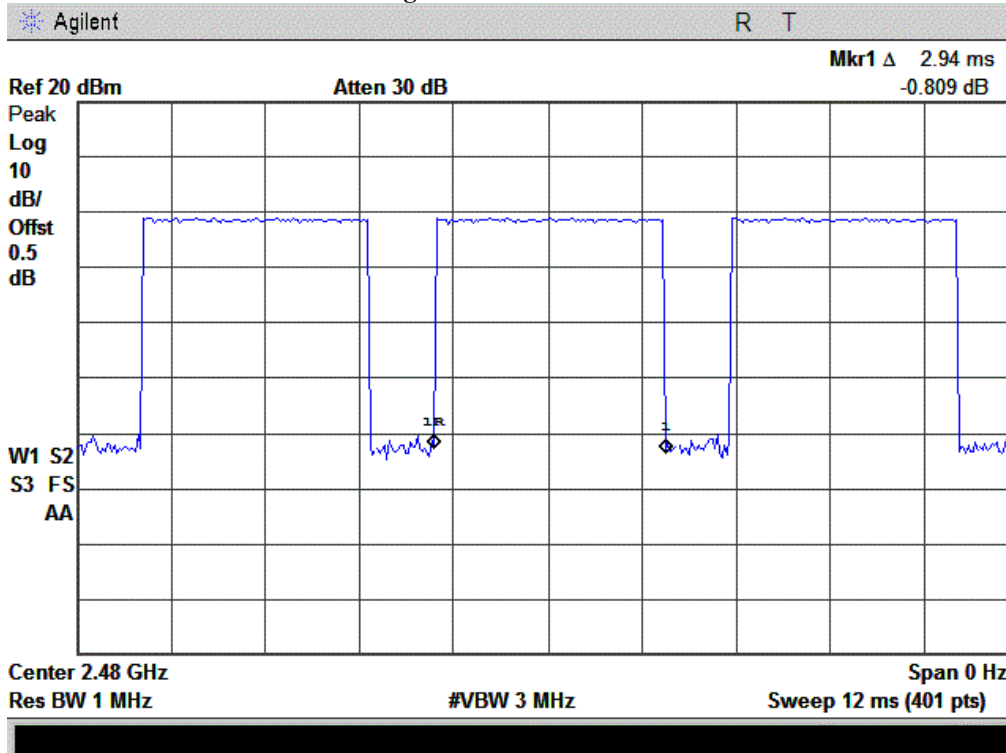
Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Middle Channel for 2DH5



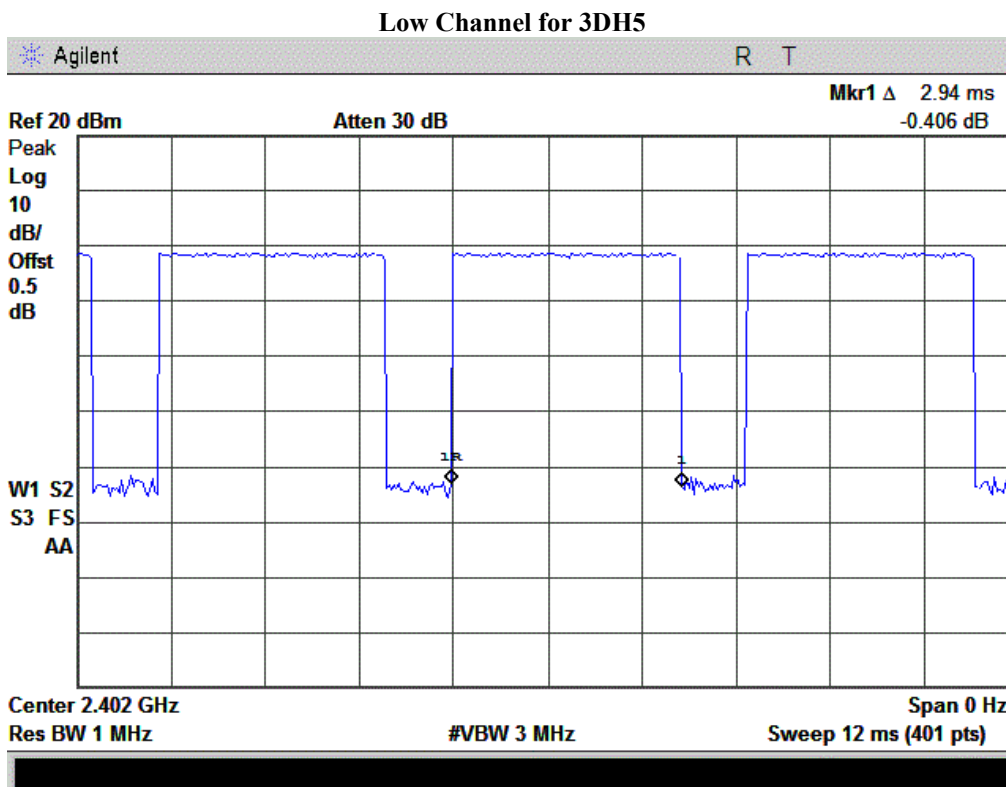
High Channel for 2DH5



Test Mode: Hopping Mode With 8DPSK Modulation

Mode	Channel	Pulse Width (ms)	Dwell Time (s)	Limit (s)	Result
3DH 5	Low	2.940	0.3136	0.4	Pass
	Middle	2.940	0.3136	0.4	Pass
	High	2.940	0.3136	0.4	Pass
	<i>Note: Dwell time=Pulse Time (ms) × (1600 ÷ 6 ÷ 79) × 31.6 Second</i>				

Please refer to the following plots.





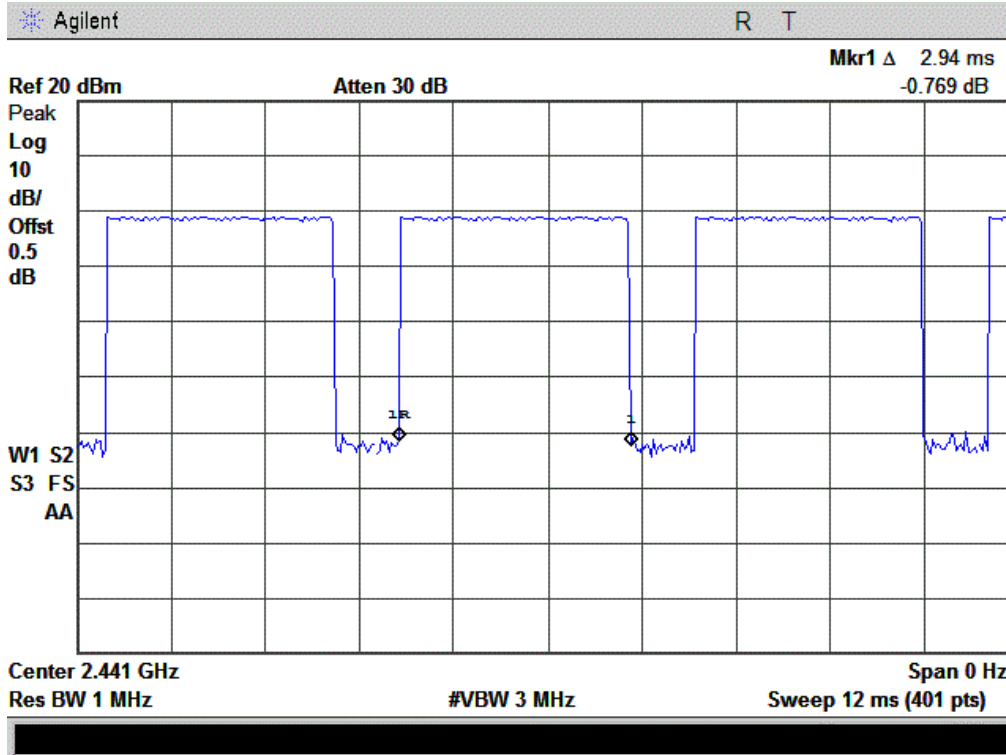
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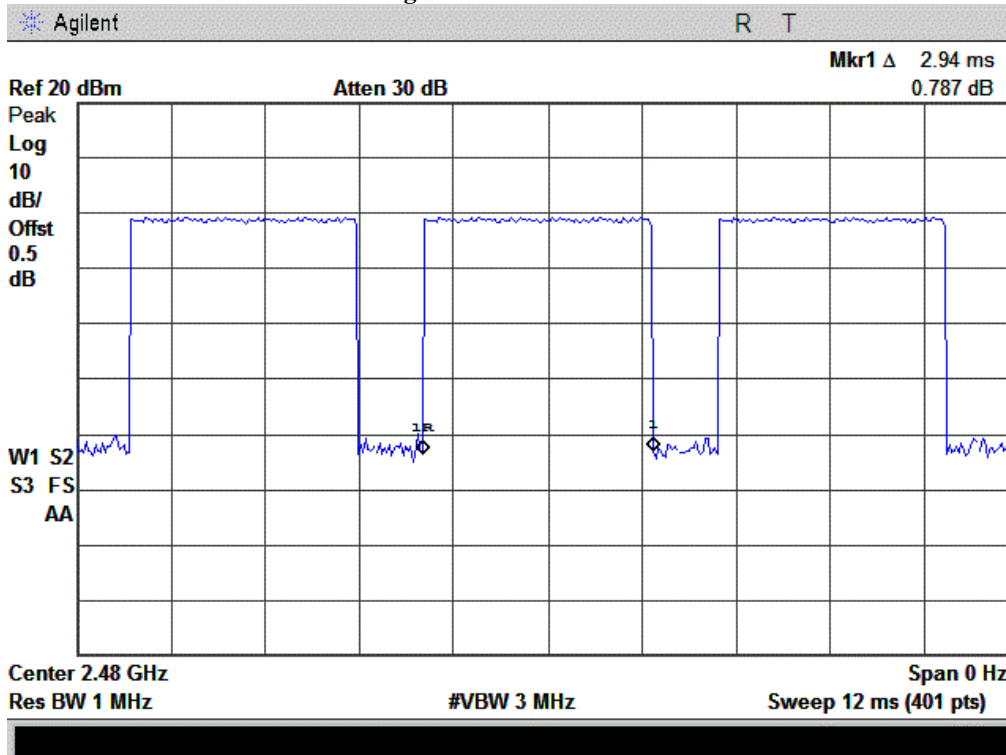
Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Middle Channel for 3DH5



High Channel for 3DH5



5.8 §15.247(b) (1) - Peak Output Power

1. **Conducted Measurement**
 EUT was set for low, mid, high channel with modulated mode and highest RF output power.
 The spectrum analyzer was connected to the antenna terminal.
2. **Conducted Emissions Measurement Uncertainty**
 All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2, in the range 30MHz – 40GHz is $\pm 1.5\text{dB}$.
3. **Environmental Conditions**

Temperature	23°C
Relative Humidity	55%
Atmospheric Pressure	1009mbar
4. Test date : November 14, 2013
 Tested By : Herith Shi

Standard Requirement:

According to §15.247(b)(2), For frequency hopping systems in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5MHz band: 0.125watts.

Procedures:

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel, RBW > the 20 dB bandwidth of the emission being measured, VBW \geq RBW, Sweep=auto, Detector function=peak, Trace = max hold.
4. Then set the EUT to transmit at low, middle and high channel and measure the conducted output power separately.

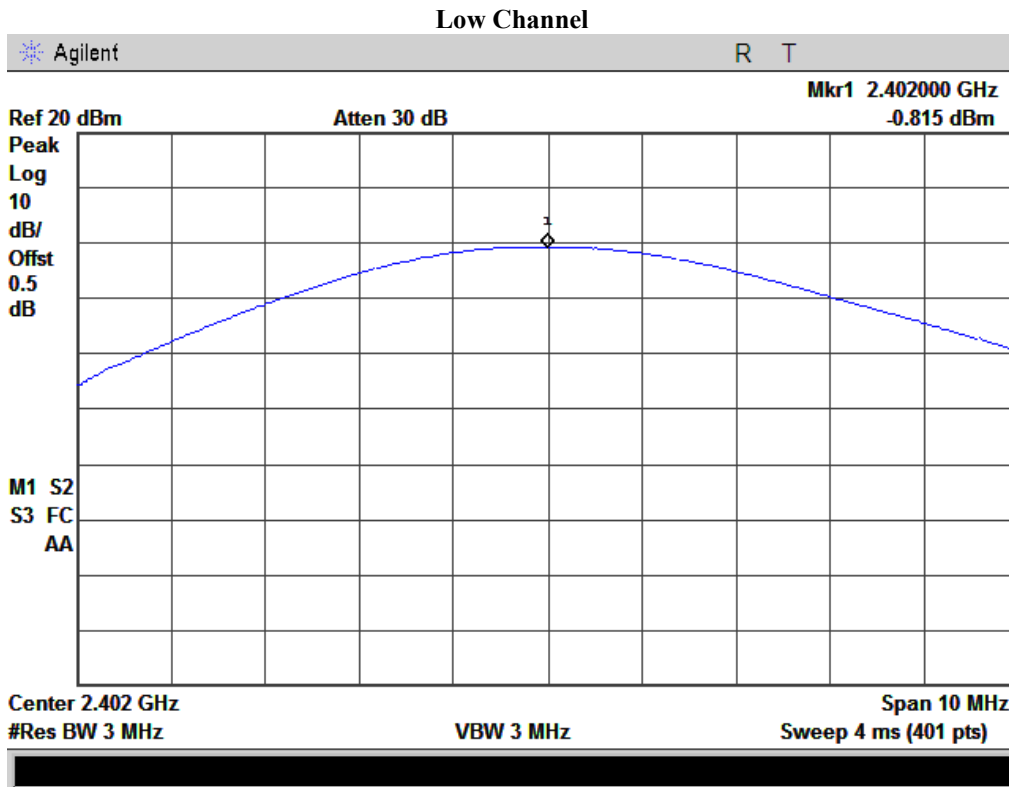
Test Result: Pass

Test Mode:	GFSK Transmitting
-------------------	--------------------------

Channel	Channel frequency (MHz)	Peak output power (dBm)	Power output (mW)	Limit (mW)
Low channel	2402	-0.815	0.829	125
Middle channel	2441	-0.617	0.868	125
High channel	2480	-0.380	0.916	125

Please refer to the following plots.

Note: The data above was tested in conducted mode.





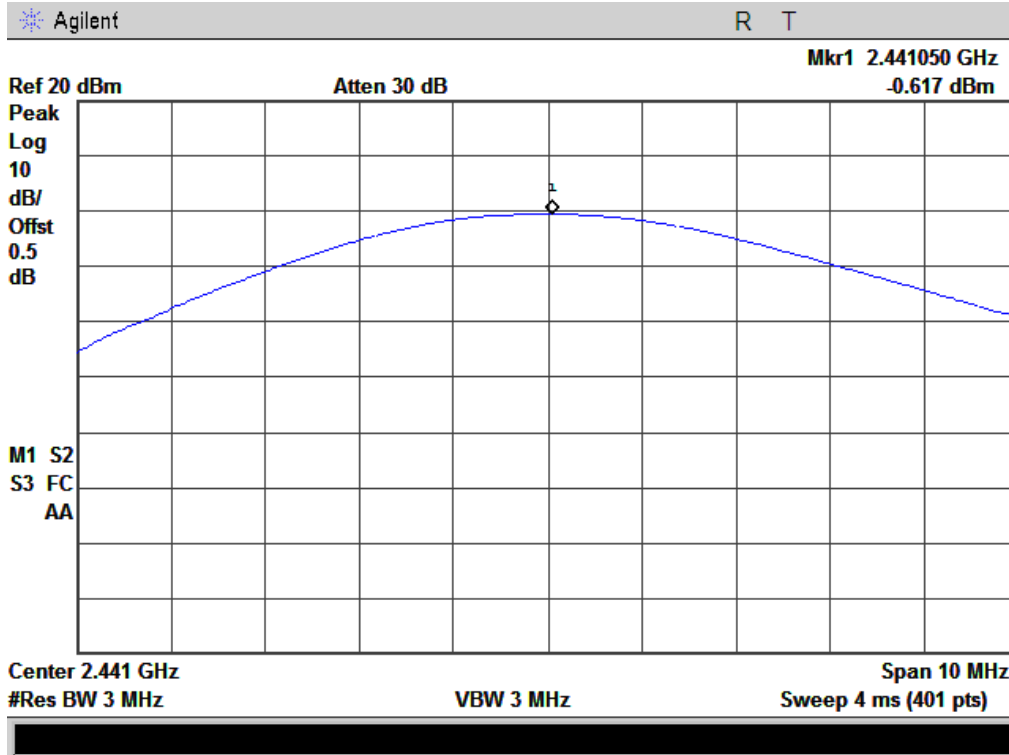
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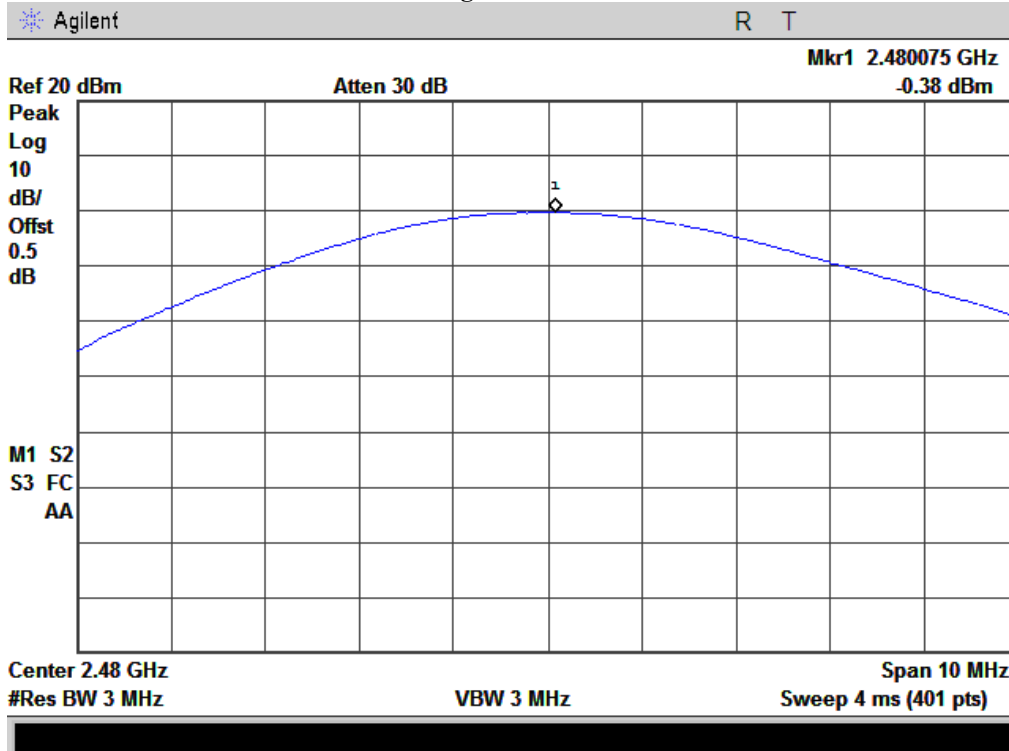
Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Middle Channel



High Channel

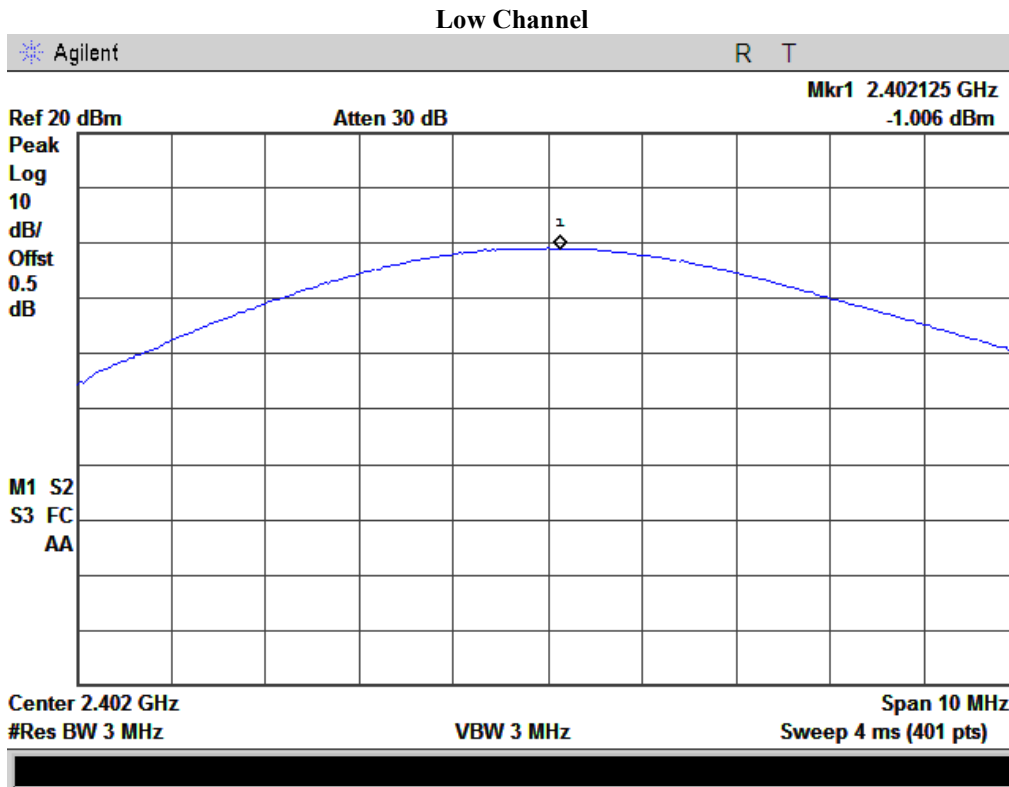


Test Mode:	π /4DQPSK Transmitting
-------------------	--

Channel	Channel frequency (MHz)	Peak output power (dBm)	Power output (mW)	Limit (mW)
Low channel	2402	-1.006	0.793	125
Middle channel	2441	-0.680	0.855	125
High channel	2480	-0.537	0.884	125

Please refer to the following plots.

Note: The data above was tested in conducted mode.





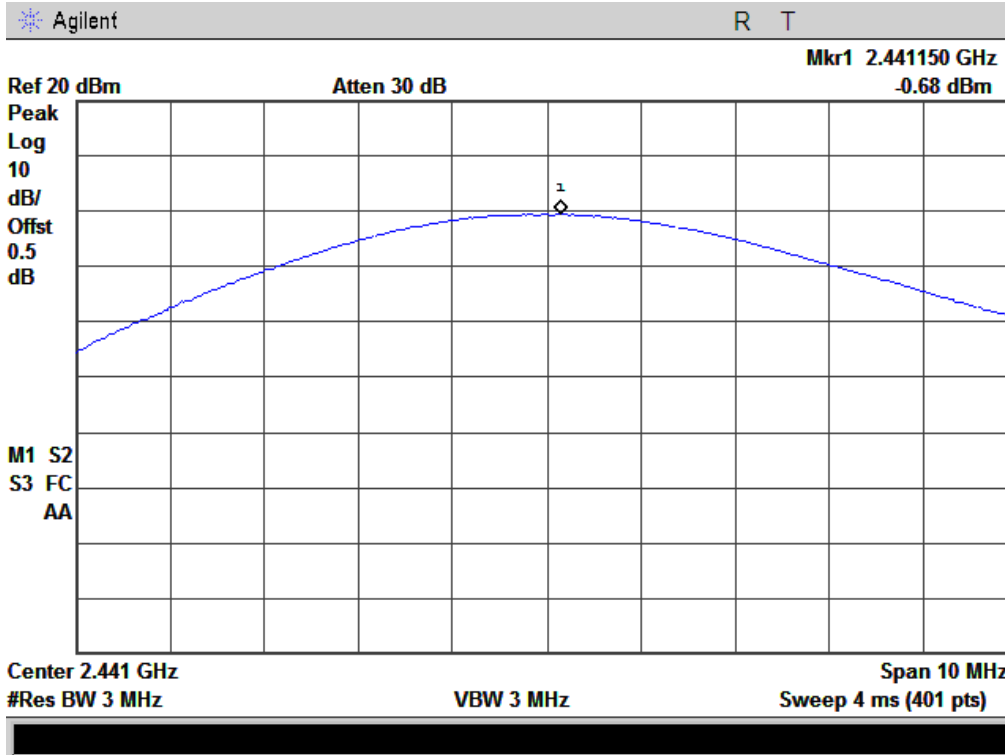
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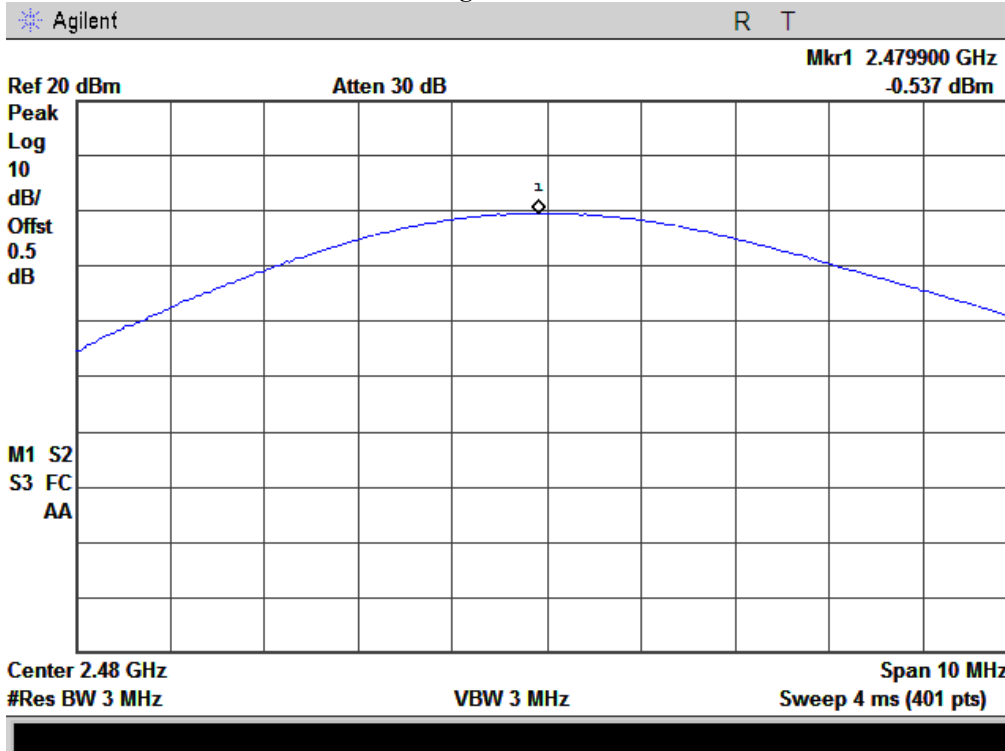
Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Middle Channel



High Channel

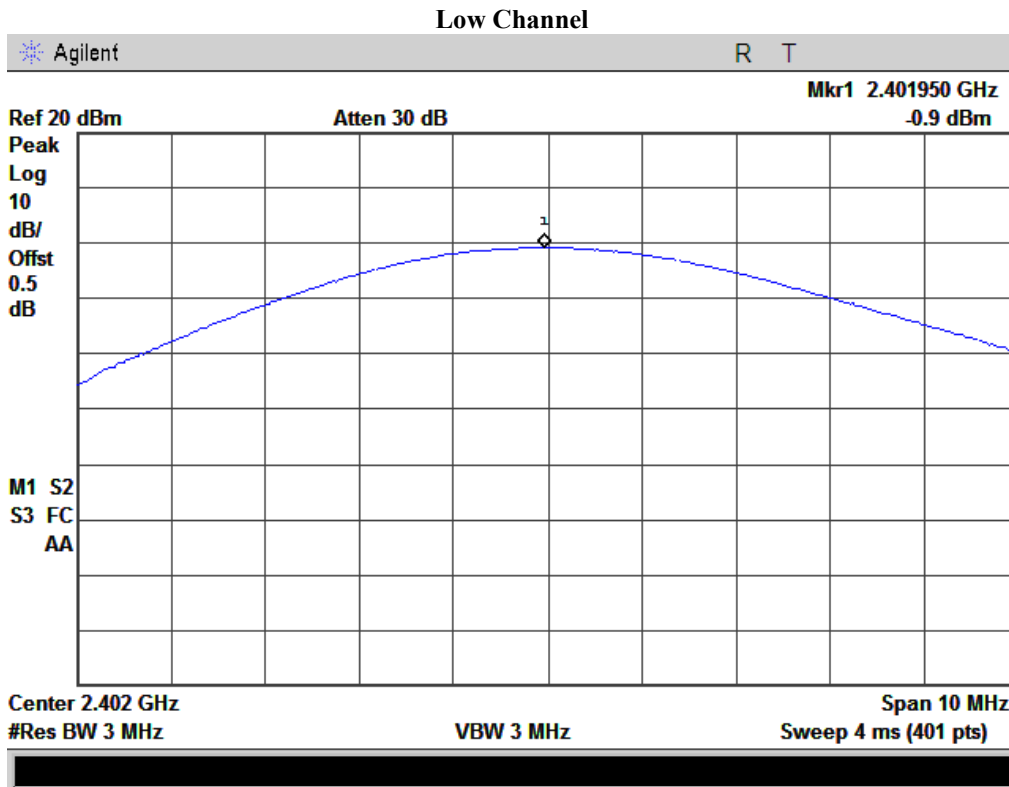


Test Mode:	8DPSK Transmitting
-------------------	---------------------------

Channel	Channel frequency (MHz)	Peak output power (dBm)	Power output (mW)	Limit (mW)
Low channel	2402	-0.900	0.813	125
Middle channel	2441	-0.476	0.896	125
High channel	2480	-0.358	0.921	125

Please refer to the following plots.

Note: The data above was tested in conducted mode.





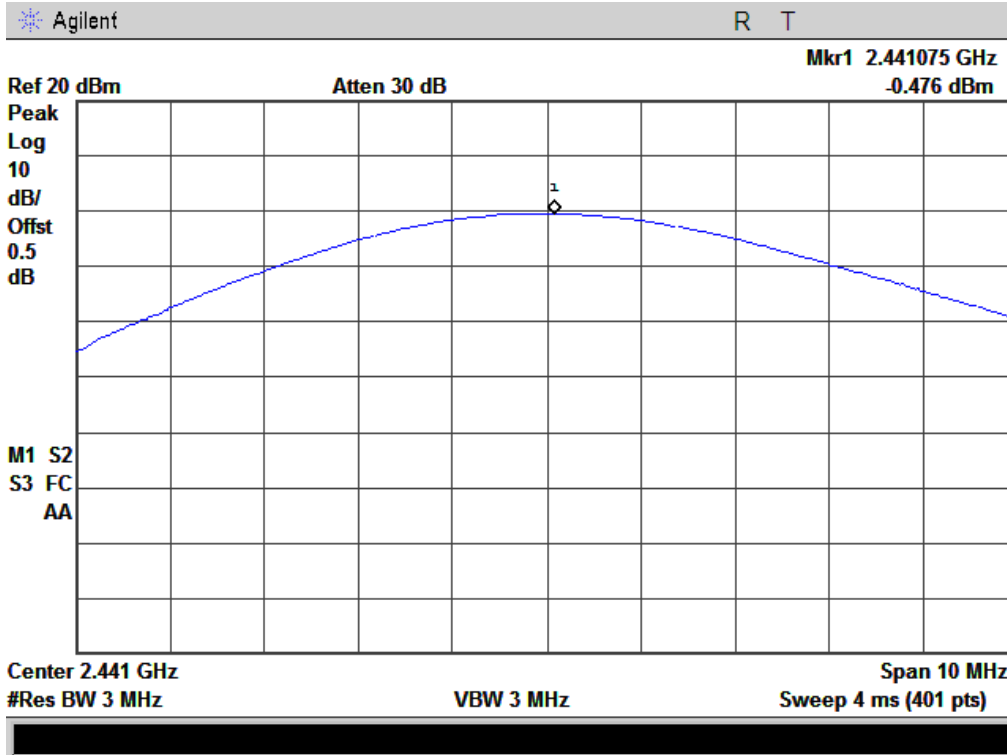
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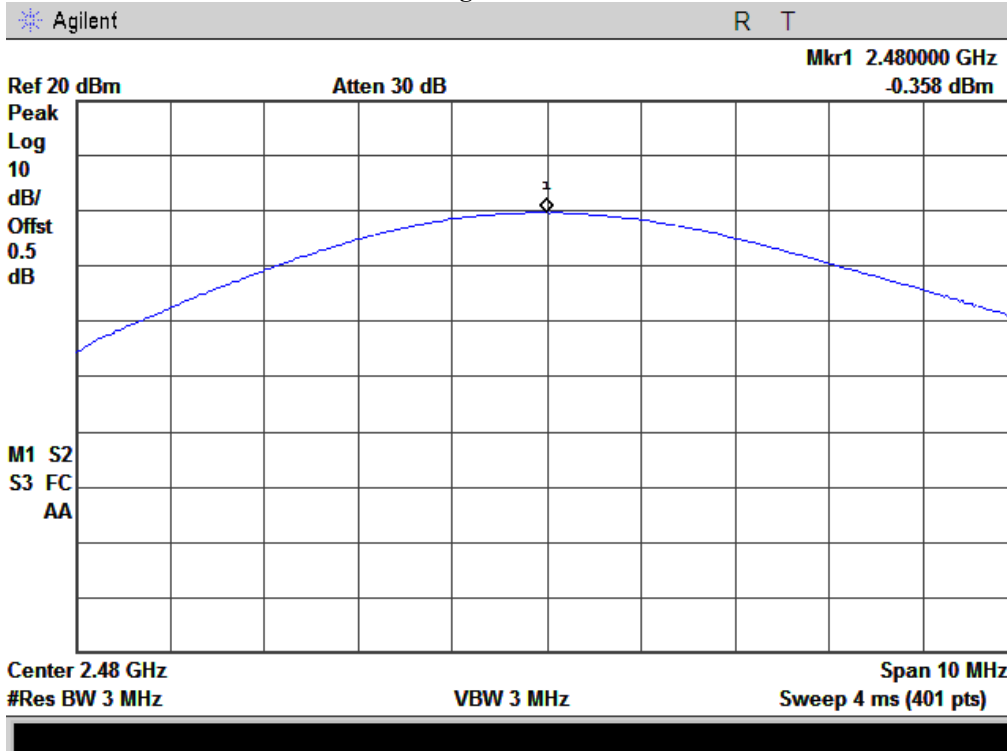
Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Middle Channel



High Channel



5.9 §15.247(d) - Band Edge

Standard Requirement:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Procedures:

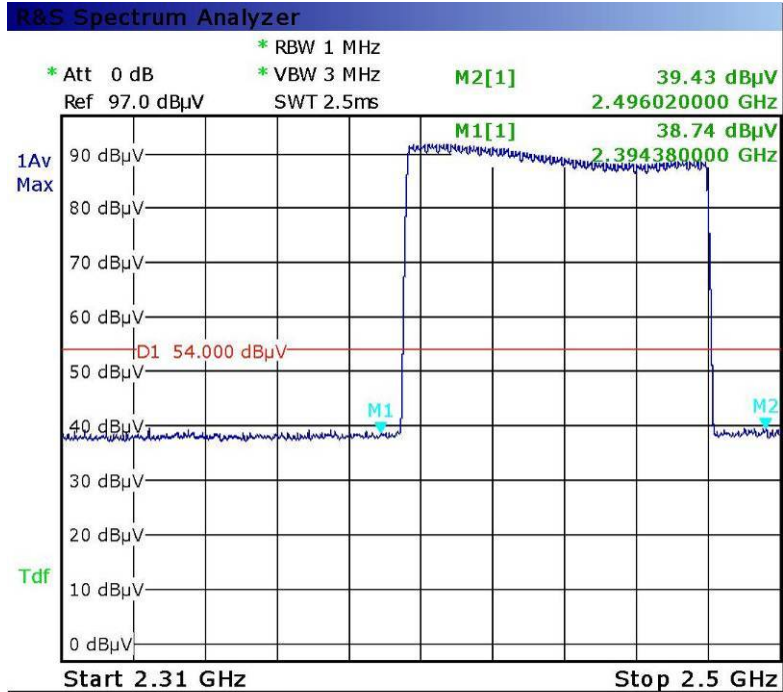
1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Put it on the Rotated table and turn on the EUT and make it operate in transmitting mode. Then set it to Low Channel and High Channel within its operating range, and make sure the instrument is operated in its linear range.
3. Set both RBW and VBW of spectrum analyzer to 100 kHz with a convenient frequency span including 100kHz bandwidth from band edge, for Radiated emissions restricted band RBW=1MHz, VBW=3MHz.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

Test Result: Pass

Test Mode:	GFSK Hopping& Transmitting
-------------------	---------------------------------------

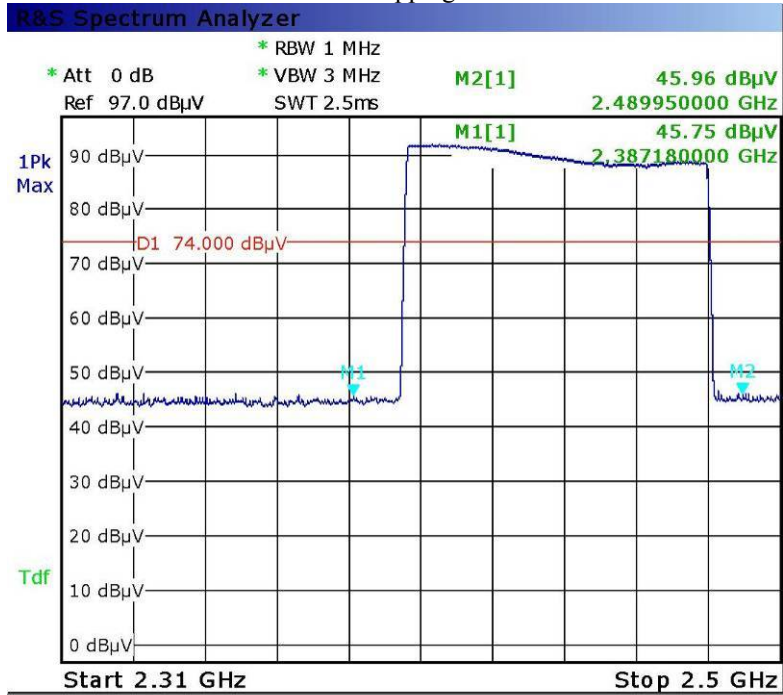
Please refer to the following plots.

GFSK-hopping-Ave



Date: 17.NOV.2013 07:31:50

GFSK-hopping-PK



Date: 17.NOV.2013 07:34:08



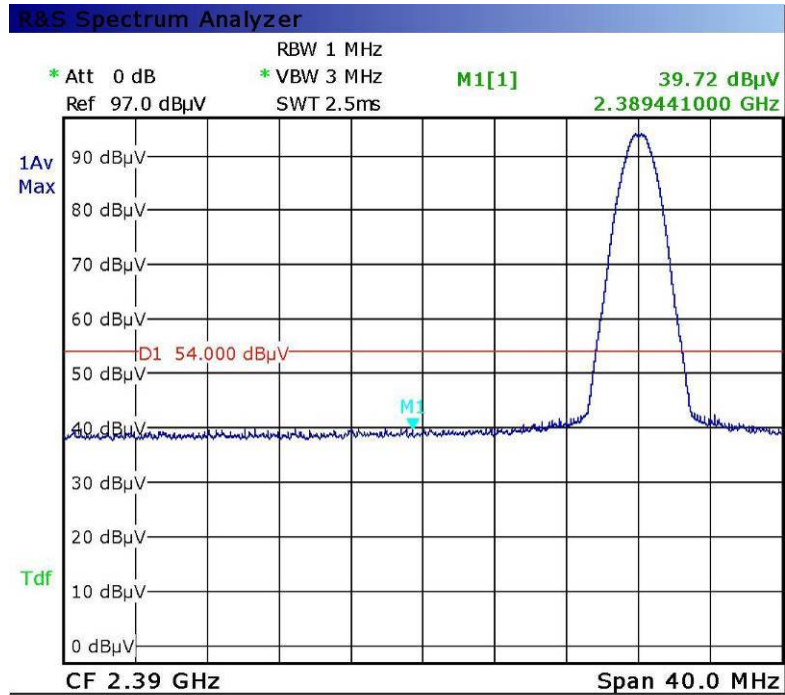
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Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

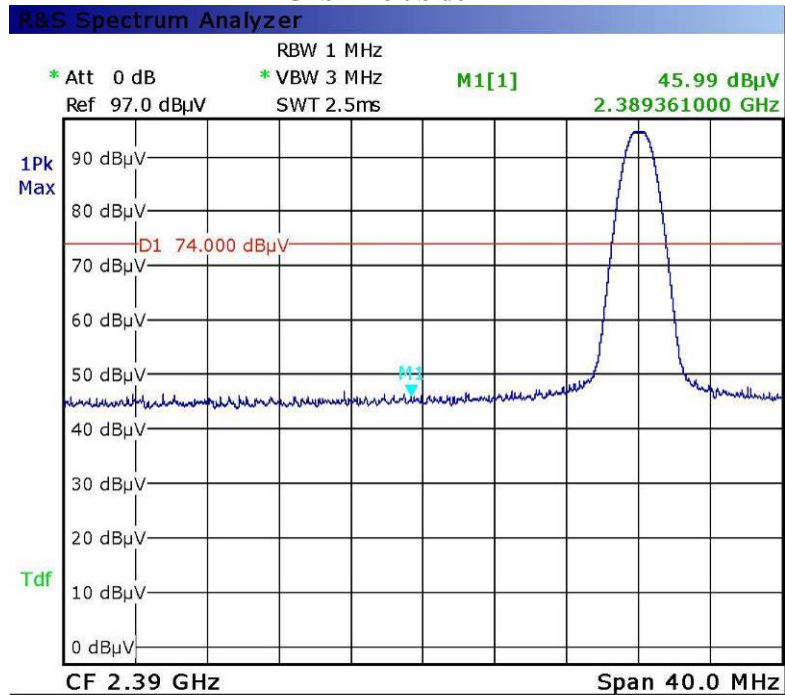
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GFSK Left Side Ave



Date: 17.NOV.2013 06:39:06

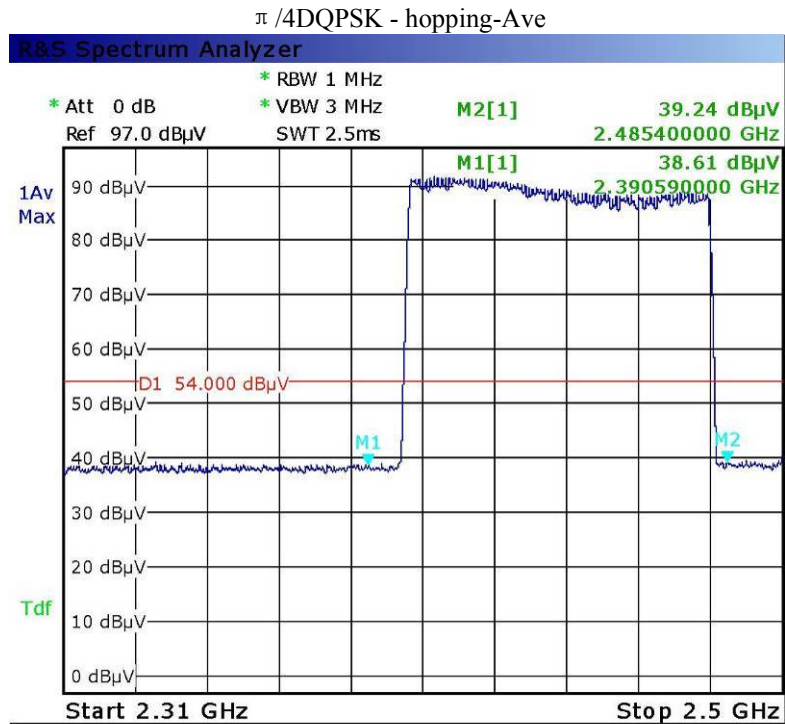
GFSK Left Side PK



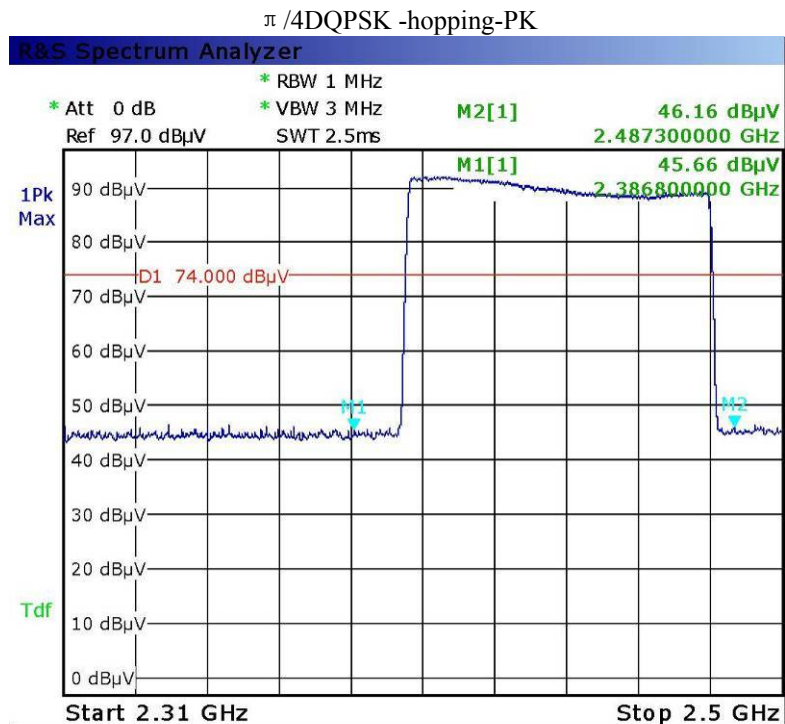
Date: 17.NOV.2013 06:41:41

Test Mode: π /4DQPSK Hopping& Transmitting

Please refer to the following plots.



Date: 17.NOV.2013 07:28:40



Date: 17.NOV.2013 07:27:08



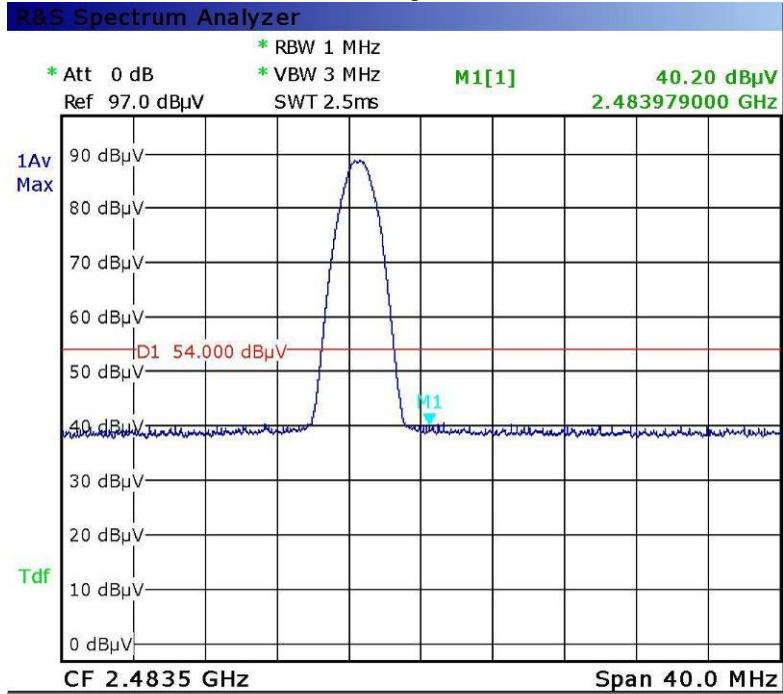
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Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

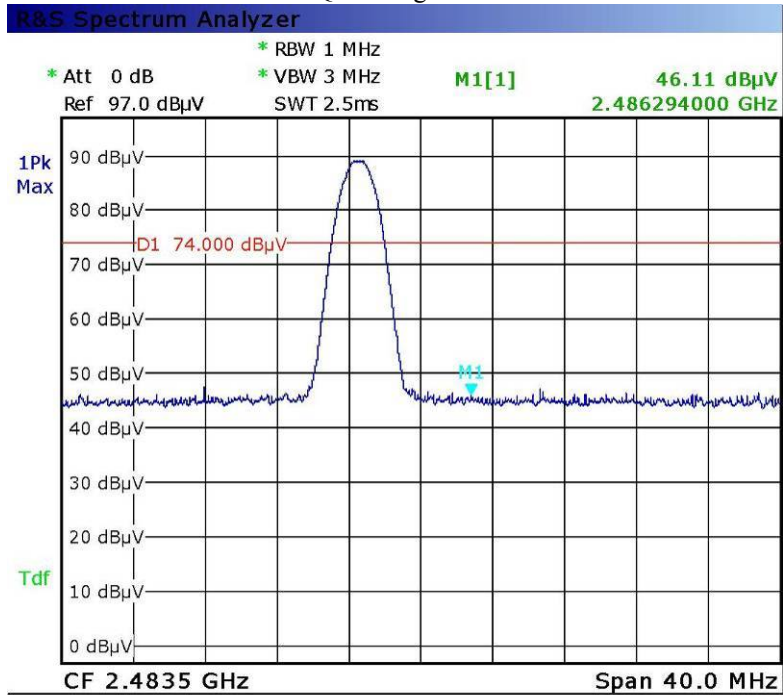
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π /4DQPSK Right Side Ave



Date: 17.NOV.2013 07:44:16

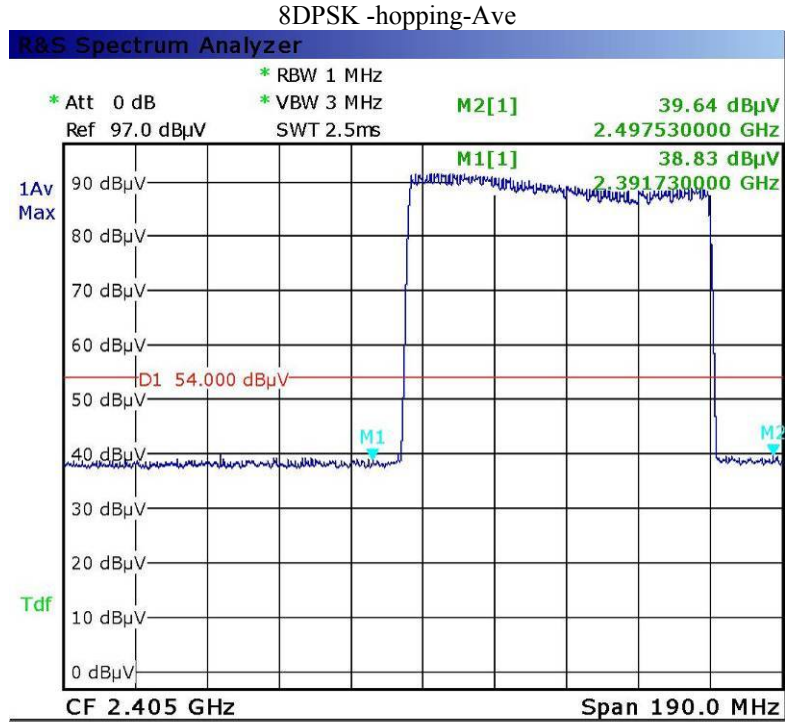
π /4DQPSK Right Side PK



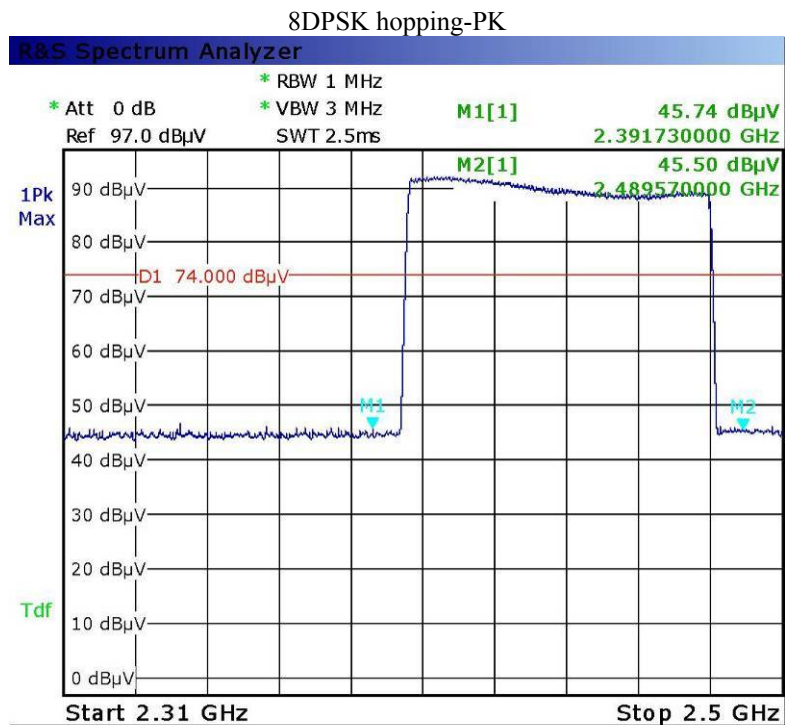
Date: 17.NOV.2013 07:44:49

Test Mode: 8DPSK Hopping& Transmitting

Please refer to the following plots.



Date: 17.NOV.2013 07:23:26



Date: 17.NOV.2013 07:24:51



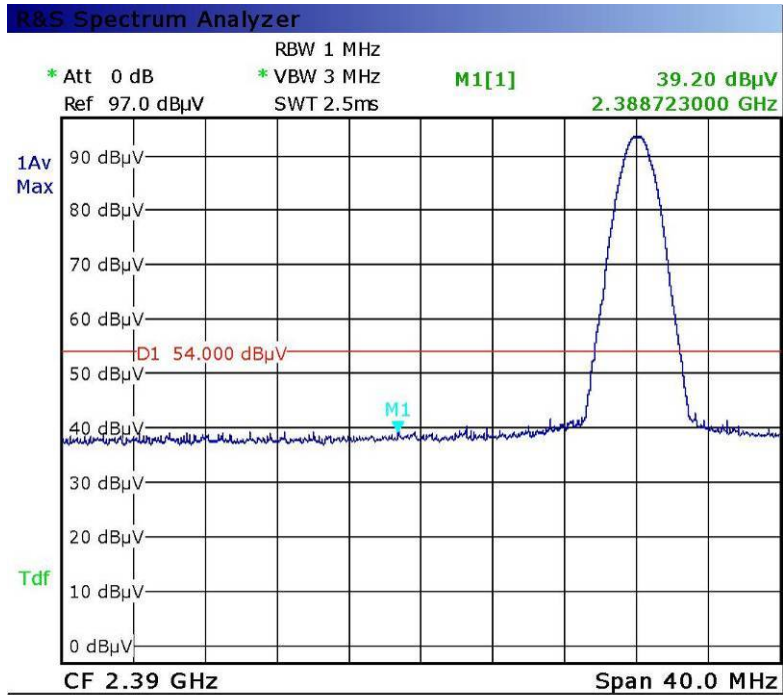
SIEMIC, INC.

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Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

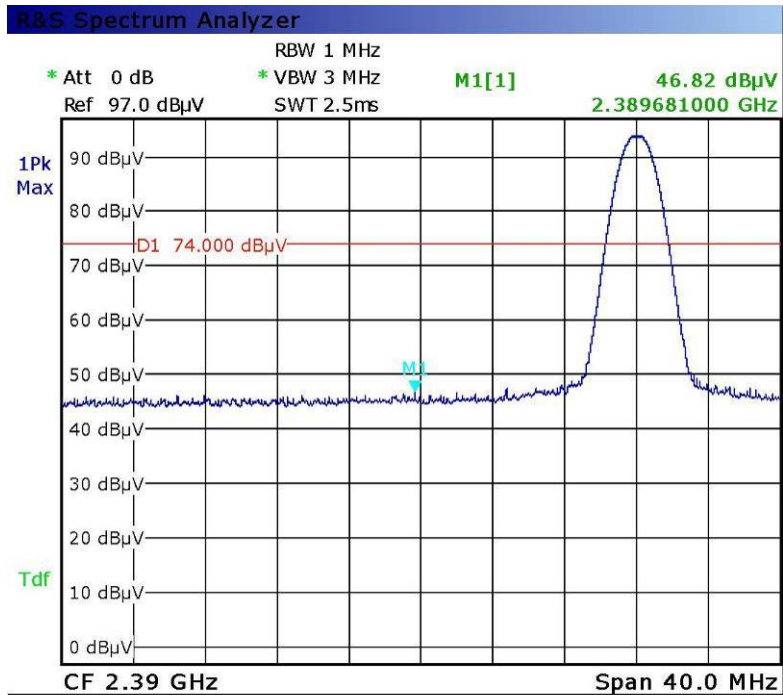
Report No: 13070493-FCC-R2
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8DPSK Left Side Ave



Date: 17.NOV.2013 06:44:12

8DPSK Left Side PK



Date: 17.NOV.2013 06:45:22

Annex A. TEST INSTRUMENT & METHOD

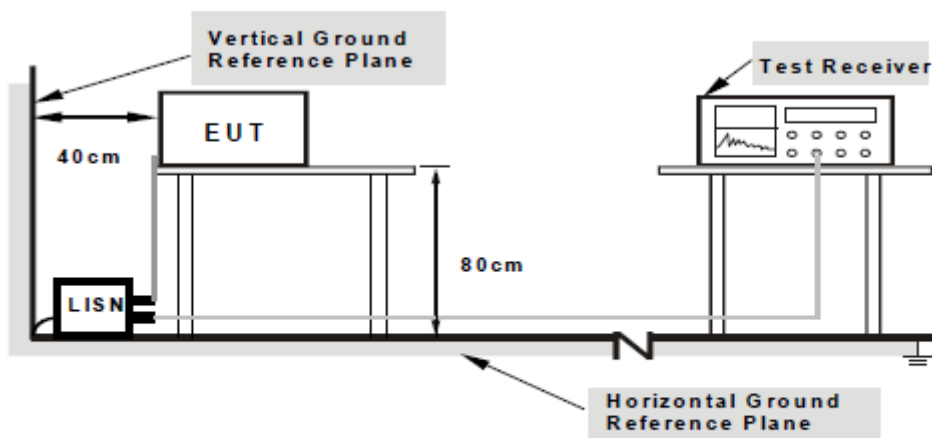
Annex A.i. TEST INSTRUMENTATION & GENERAL PROCEDURES

Instrument	Model	Serial #	Calibration Date	Calibration Due Date
AC Line Conducted Emissions				
EMI test receiver	ESL6	100262	11/19/2012	11/19/2013
Line Impedance Stabilization Network	LI-125A	191106	11/14/2013	11/13/2014
Line Impedance Stabilization Network	LI-125A	191107	11/14/2013	11/13/2014
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	071259	11/20/2012	11/19/2013
Transient Limiter	LIT-153	531118	3/03/2013	3/02/2014
Wireless Connectivity Test Set	N4010A	GB44440198	3/20/2013	3/19/2014
Universal Radio Communication Tester	CMU200	121393	09/17/2013	09/16/2014
RF conducted test				
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	CFG038	10/25/2013	10/24/2014
Power Splitter	1#	1#	02/02/2013	02/01/2014
Wireless Connectivity Test Set	N4010A	GB44440198	3/20/2013	3/19/2014
Temperature/Humidity Chamber	1007H	N/A	01/07/2013	01/06/2014
DC Power Supply	E3640A	MY4000401 3	03/22/2013	03/21/2014
Universal Radio Communication Tester	CMU200	121393	09/17/2013	09/16/2014
Radiated Emissions				
EMI test receiver	ESL6	100262	11/19/2012	11/19/2013
Positioning Controller	UC3000	MF78020828 2	11/19/2012	11/19/2013
OPT 010 AMPLIFIER(0.1-1300MHz)	8447E	2727A02430	11/19/2012	11/19/2013
Microwave Preamplifier(0.5~18GHz)	PAM-118	443008	11/08/2013	11/07/2014
Bilog Antenna (30MHz~6GHz)	JB6	A110712	1/27/2013	1/26/2014
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	071283	11/20/2012	11/19/2013
Wireless Connectivity Test Set	N4010A	GB44440198	3/20/2013	3/19/2014
Universal Radio Communication Tester	CMU200	121393	09/17/2013	09/16/2014

Annex A.ii. CONDUCTED EMISSIONS TEST DESCRIPTION

Test Set-up

1. The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m x 1m x 0.8m high, non-metallic table, as shown in Annex B.
2. The power supply for the EUT was fed through a 50Ω/50μH EUT LISN, connected to filtered mains.
3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.
4. All other supporting equipments were powered separately from another main supply.



**Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) are 80cm from EUT and at least 80cm from other units and other metal planes support units.**

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration1.

Test Method

1. The EUT was switched on and allowed to warm up to its normal operating condition.
2. A scan was made on the NEUTRAL line (for AC mains) or Earth line (for DC power) over the required frequency range using an EMI test receiver.
3. High peaks, relative to the limit line, were then selected.
4. The EMI test receiver was then tuned to the selected frequencies and the necessary measurements made with a receiver bandwidth setting of 10 kHz. For FCC tests, only Quasi-peak measurements were made; while for CISPR/EN tests, both Quasi-peak and Average measurements were made.
5. Steps 2 to 4 were then repeated for the LIVE line (for AC mains) or DC line (for DC power).

Description of Conducted Emission Program

This EMC Measurement software run LabView automation software and offers a common user interface for electromagnetic interference (EMI) measurements. This software is a modern and powerful tool for controlling and monitoring EMI test receivers and EMC test systems. It guarantees reliable collection, evaluation, and documentation of measurement results. Basically, this program will run a pre-scan measurement before it proceeds with the final measurement. The pre-scan routine will run the common scan range from 150 kHz to 30 MHz; the program will first start a peak and average scan on selectable measurement time and step size. After the program complete the pre-scan, this program will perform the Quasi Peak and Average measurement, based on the pre-scan peak data reduction result.

Sample Calculation Example

At 20 MHz limit = 250 μ V = 47.96 dB μ V

Transducer factor of LISN, pulse limiter & cable loss at 20 MHz = 11.20 dB

Q-P reading obtained directly from EMI Receiver = 40.00 dB μ V
(Calibrated for system losses)

Therefore, Q-P margin = 47.96 – 40.00 = 7.96 i.e. **7.96 dB below limit**

Annex A. iii. RADIATED EMISSIONS TEST DESCRIPTION

Limit

1. 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 (mV/m)	Measurement Distance (m)
30-88	100*	3
88-216	150*	3
216-960	200*	3
Above 960	500	3

Remark: Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

2. In the above emission table, the tighter limit applies at the band edges.

Frequency (Hz)	Field Strength (μ V/m at 3-meter)	Field Strength (dB μ V/m at 3-meter)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

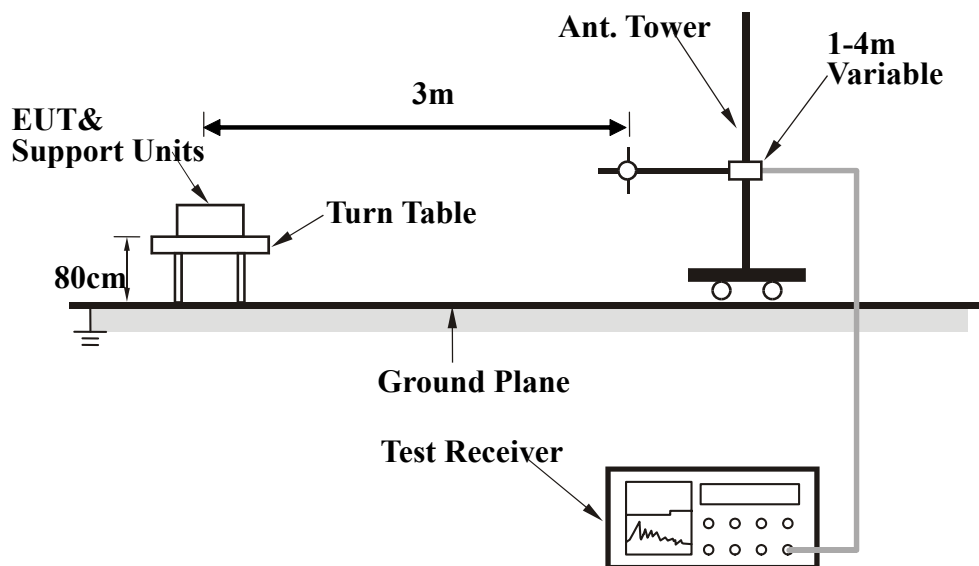
EUT Characterisation

EUT characterisation, over the frequency range from 30MHz to 10th Harmonic, was done in order to minimise radiated emissions testing time while still maintaining high confidence in the test results.

The EUT was placed in the chamber, at a height of about 0.8m on a turntable. Its radiated emissions frequency profile was observed, using a spectrum analyzer /receiver with the appropriate broadband antenna placed 3m away from the EUT. Radiated emissions from the EUT were maximised by rotating the turntable manually, changing the antenna polarisation and manipulating the EUT cables while observing the frequency profile on the spectrum analyzer / receiver. Frequency points at which maximum emissions occurred, clock frequencies and operating frequencies were then noted for the formal radiated emissions test at the Open Area Test Site (OATS) or 3m EMC chamber.

Test Set-up

1. The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m X 1.0m X 0.8m high, non-conductive table.
2. The filtered power supply for the EUT and supporting equipment were tapped from the appropriate power sockets located on the turntable.
3. The relevant broadband antenna was set at the required test distance away from the EUT and supporting equipment boundary.



Test Method

The following procedure was performed to determine the maximum emission axis of EUT:

1. With the receiving antenna is H polarization, rotate the EUT in turns with three orthogonal axes to determine the axis of maximum emission.
2. With the receiving antenna is V polarization, rotate the EUT in turns with three orthogonal axes to determine the axis of maximum emission.
3. Compare the results derived from above two steps. So, the axis of maximum emission from EUT was determined and the configuration was used to perform the final measurement.

Final Radiated Emission Measurement

1. Setup the configuration according to figure 1. Turn on EUT and make sure that it is in normal function.
2. For emission frequencies measured below 1 GHz, a pre-scan is performed in a shielded chamber to determine the accurate frequencies of higher emissions will be checked on an open test site. As the same purpose, for emission frequencies measured above 1 GHz, a pre-scan also be performed with a 1 meter measuring distance before final test.
3. For emission frequencies measured below and above 1 GHz, set the spectrum analyzer on a 100 kHz and 1 MHz resolution bandwidth respectively for each frequency measured in step 2.
4. The search antenna is to be raised and lowered over a range from 1 to 4 meters in horizontally polarized orientation. Position the highness when the highest value is indicated on spectrum analyzer, then change the orientation of EUT on test table over a range from 0° to 360° with a speed as slow as possible, and keep the azimuth that highest emission is indicated on the spectrum analyzer. Vary the antenna position again and record the highest value as a final reading.
5. Repeat step 4 until all frequencies need to be measured was complete.
6. Repeat step 5 with search antenna in vertical polarized orientations.

During the radiated emission test, the Spectrum Analyzer was set with the following configurations:

Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	Peak	100 kHz	100 kHz
Above 1000	Peak	1 MHz	1 MHz
	Average	1 MHz	10 Hz

Description of Radiated Emissions Program

This EMC Measurement software run LabView automation software and offers a common user interface for electromagnetic interference (EMI) measurements. This software is a modern and powerful tool for controlling and monitoring EMI test receivers and EMC test systems. It guarantees reliable collection, evaluation, and documentation of measurement results. Basically, this program will run a pre-scan measurement before it proceeds with the final measurement. The pre-scan routine will run the scan on four different antenna heights, 2 antenna polarity, and 360 degrees table rotation. For example, the program was set to run 30 MHz to 1 GHz scan; the program will first start from a meter antenna height and divide the 30 MHz to 1 GHz into 10 separate parts of maximum hold sweeps. Each parts of maximum hold sweep, the program will collect the data from 0 degree to 360 degrees table rotation. After the program complete the 1m scan, the antenna continues to rise to 2m and continue the scan. The step will repeated for all specified antenna height and polarity. This program will perform the Quasi Peak measurement after the signal maximization process and pre-scan routine. The final measurement will be base on the pre-scan data reduction result.

Sample Calculation Example

The field strength is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain (if any) from the measured reading. For the limit is employed average value, therefore the peak value can be transferred to average value by subtracting the duty factor. The basic equation with a sample calculation is as follows:

$$\text{Peak} = \text{Reading} + \text{Corrected Factor}$$

where

$$\text{Corr. Factor} = \text{Antenna Factor} + \text{Cable Factor} - \text{Amplifier Gain (if any)}$$

And the average value is

$$\text{Average} = \text{Peak Value} + \text{Duty Factor or}$$

$$\text{Set RBW} = 1\text{MHz, VBW} = 10\text{Hz.}$$

Note:

If the measured frequencies are fall in the restricted frequency band, the limit employed must be quasi peak value when frequencies are below or equal to 1 GHz. And the measuring instrument is set to quasi peak detector function.

Radiated emission test facilities for frequencies above 1 GHz (ANSI C63.4-2009 Chapter 5.5)

Currently, test site reference validation requirements above 1 GHz have not been established. However, facilities suitable for measurements in the frequency range 30 MHz to 1000 MHz are considered suitable for the frequency range 1 GHz to 40 GHz with RF absorbing material covering the ground plane such that the site validation criterion called out in CISPR 16-1-4:2007 is met, or alternatively covering a minimum area of 2.4 m by 2.4 m (for a 3 m test distance) between the antenna and the EUT using RF absorbing material with a minimum-rated attenuation of 20 dB (for normal incidence) up to 18 GHz. For separation distances greater than 3 m, a proportional increase in the area of suitable absorbing material is required.

Annex B. EUT AND TEST SETUP PHOTOGRAPHS

Annex B.i. Photograph 1: EUT External Photo



Whole Package - Top View



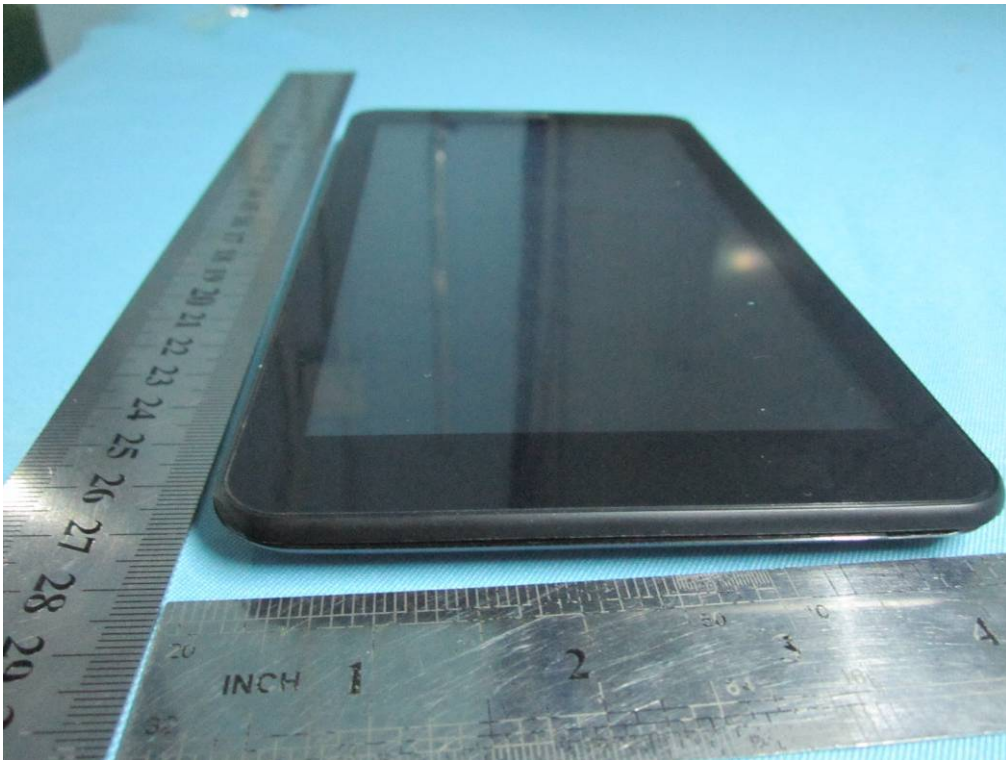
EUT - Front View



EUT - Rear View



EUT - Top View



EUT - Bottom View



EUT - Left View



EUT - Right View

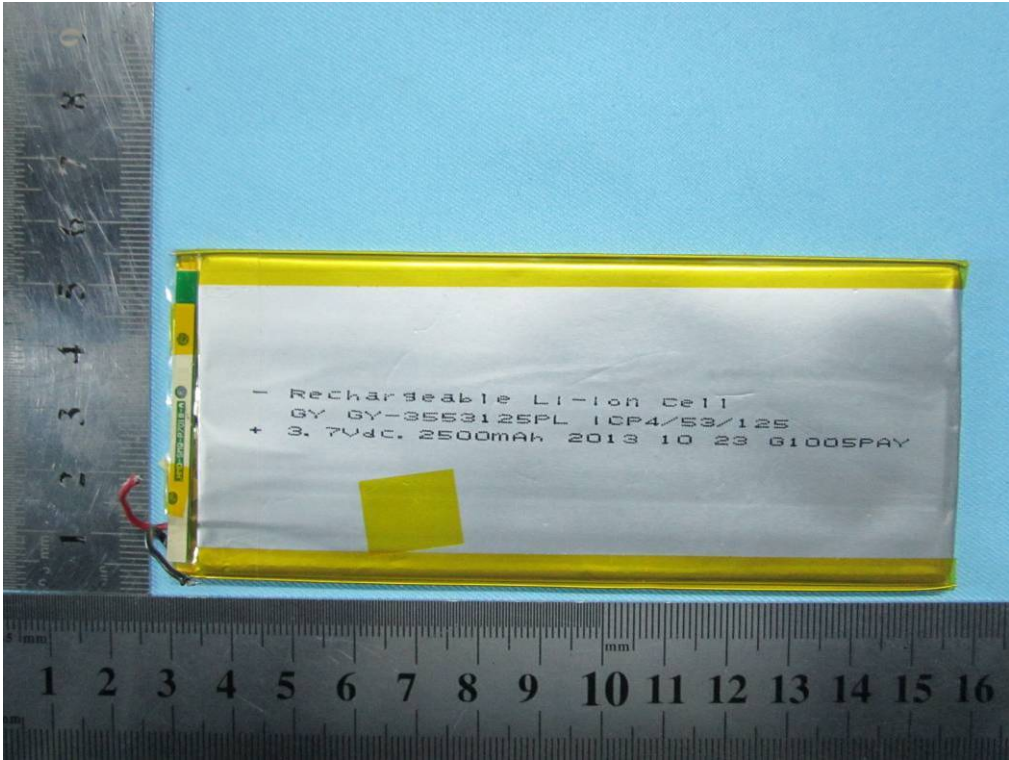
Annex B.ii. Photograph 2: EUT Internal Photo



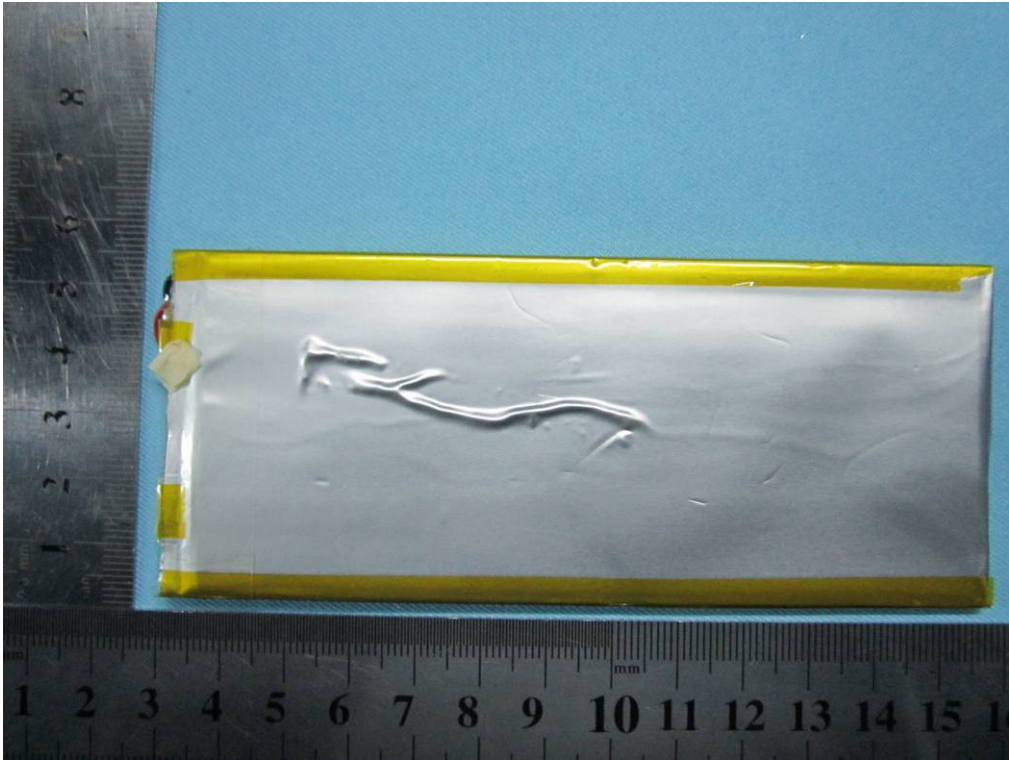
Cover Off - Top View



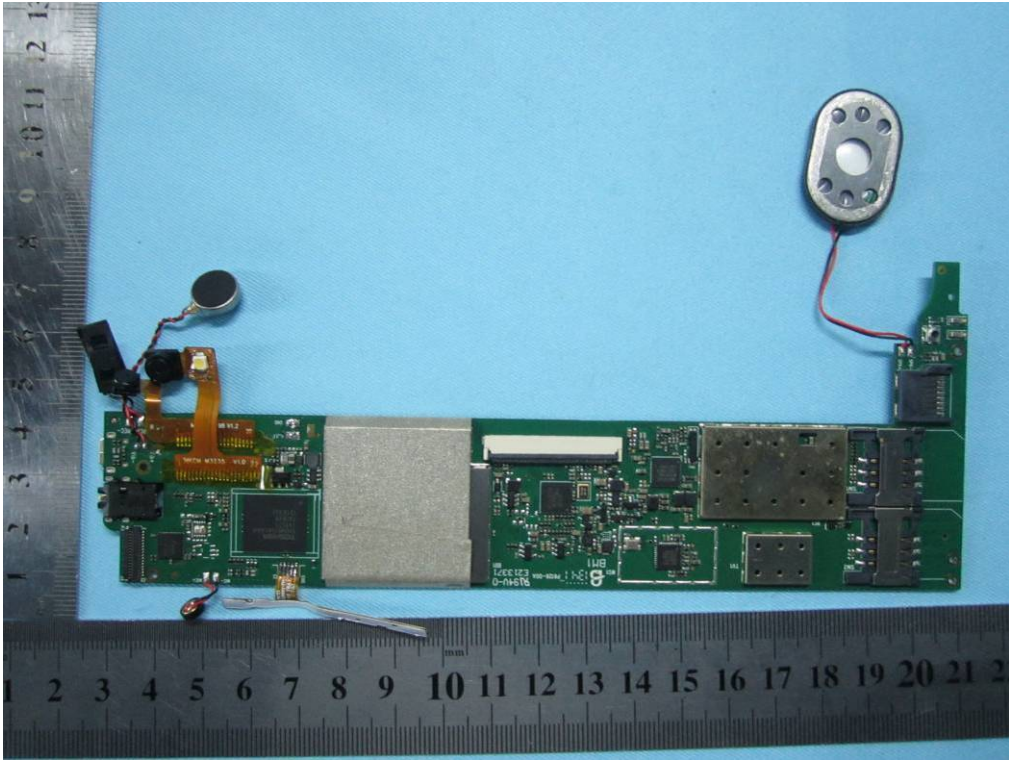
Adapter - Top View



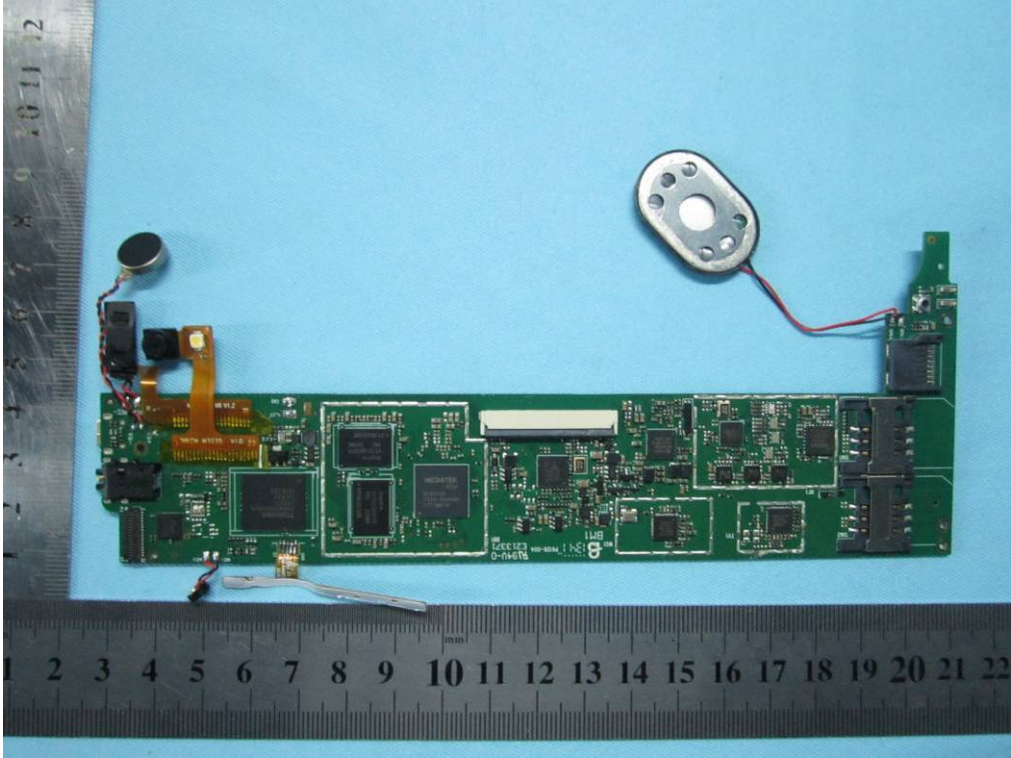
Battery - Top View



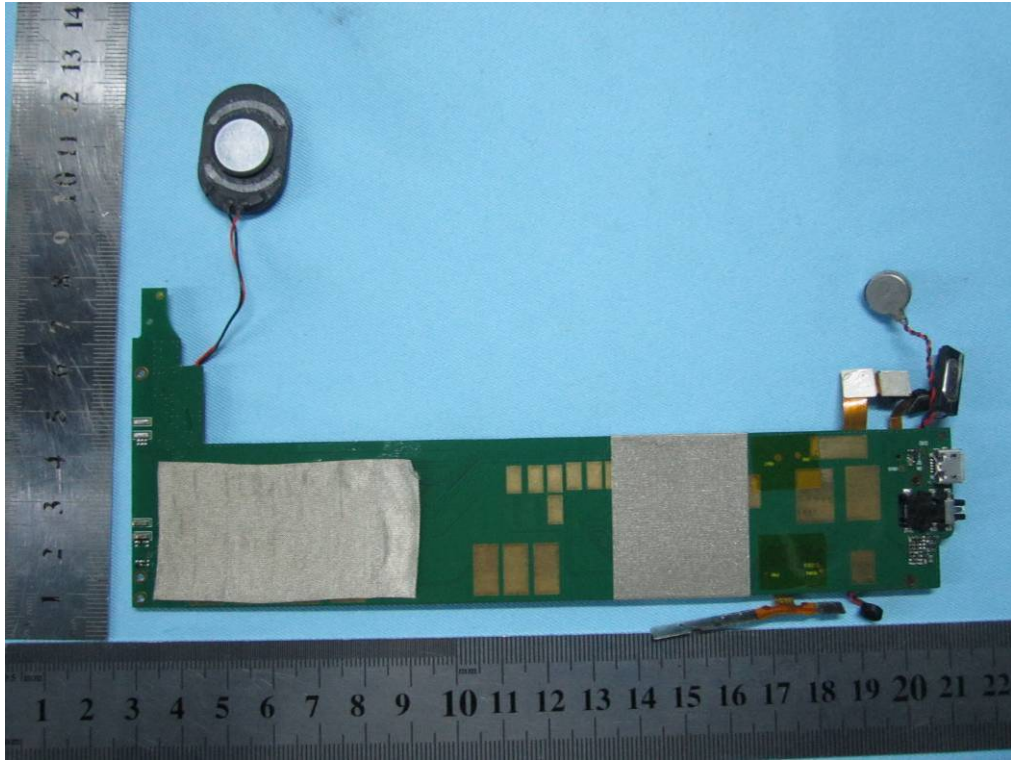
Battery - Bottom View



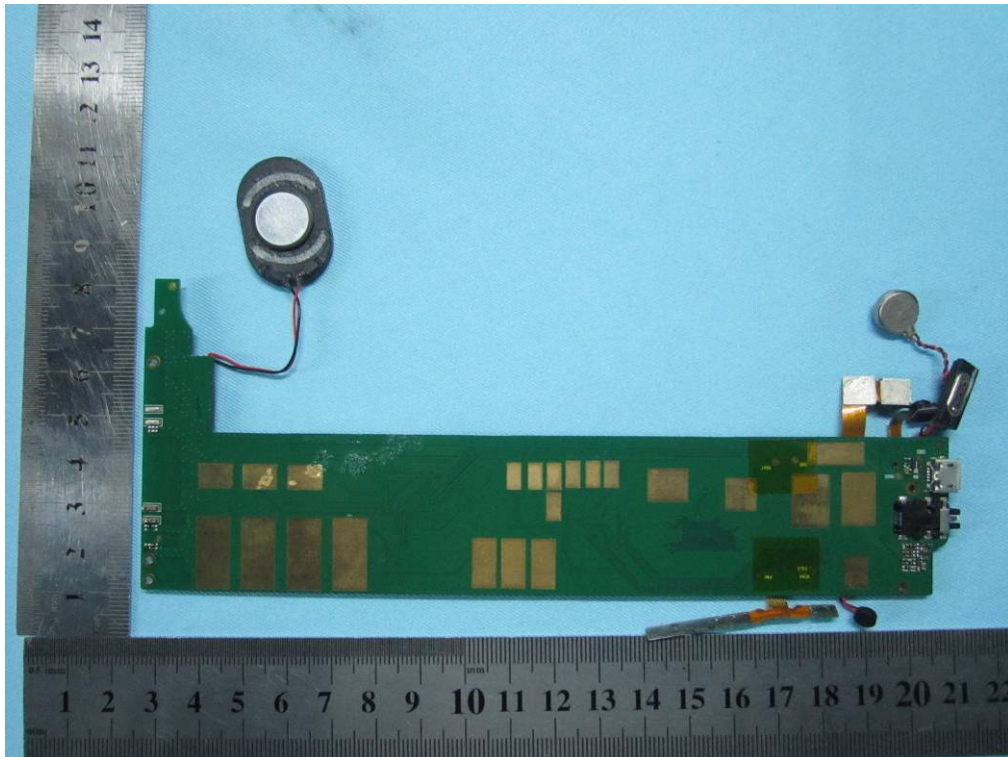
Mainboard With Shielding - Front View



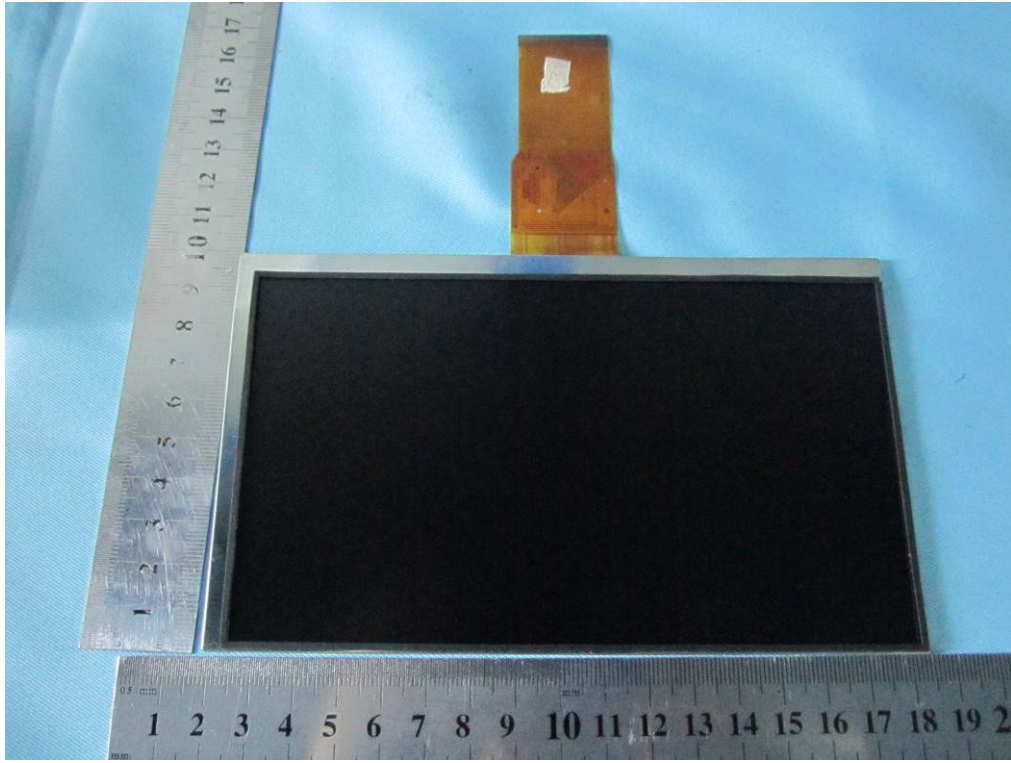
Mainboard Without Shielding - Front View



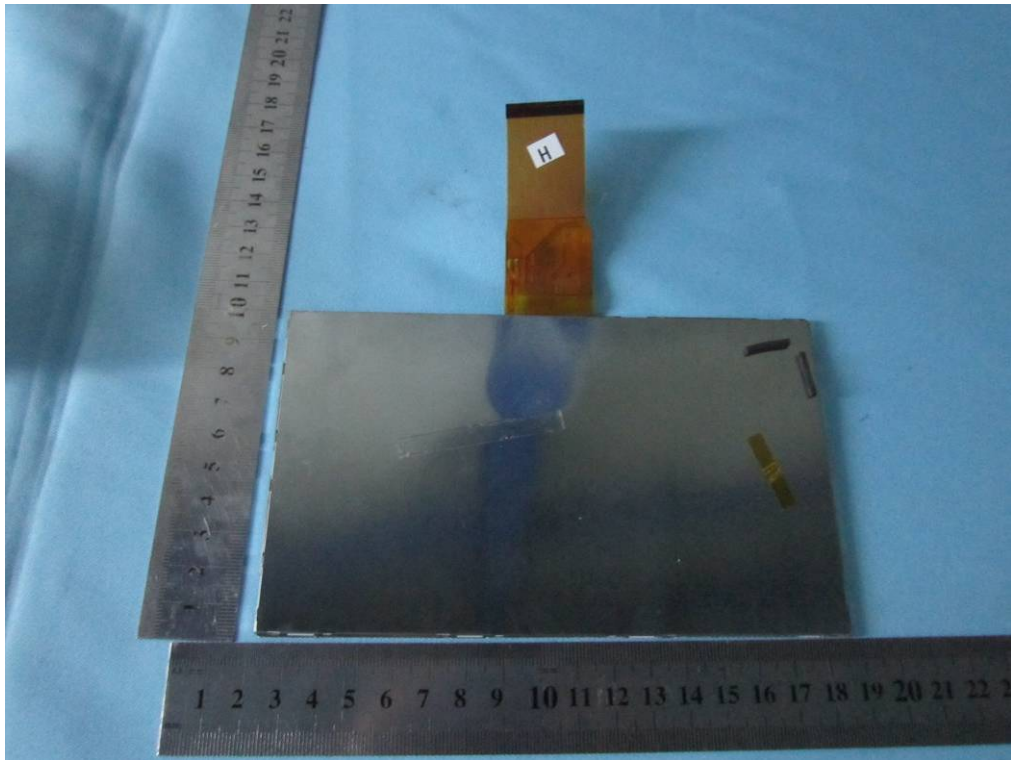
Mainboard With Shielding – Rear View



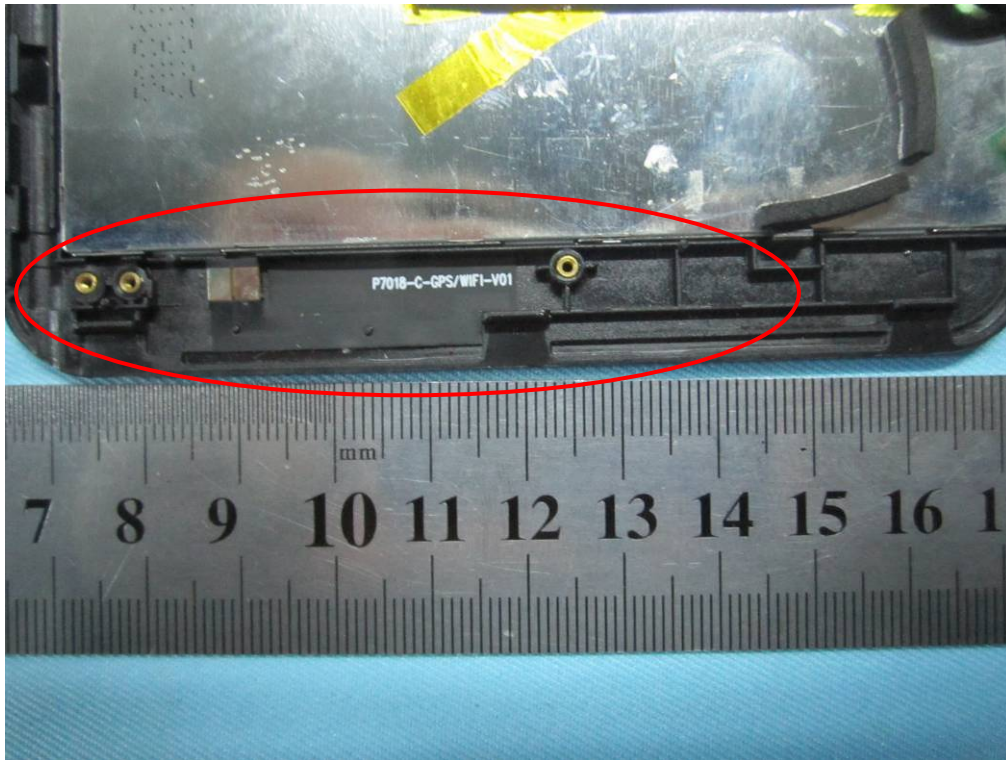
Mainboard Without Shielding – Rear View



LCD – Top View



LCD – Bottom View



Bluetooth / BLE / WIFI Antenna View



GSM / PCS / UMTS Antenna View

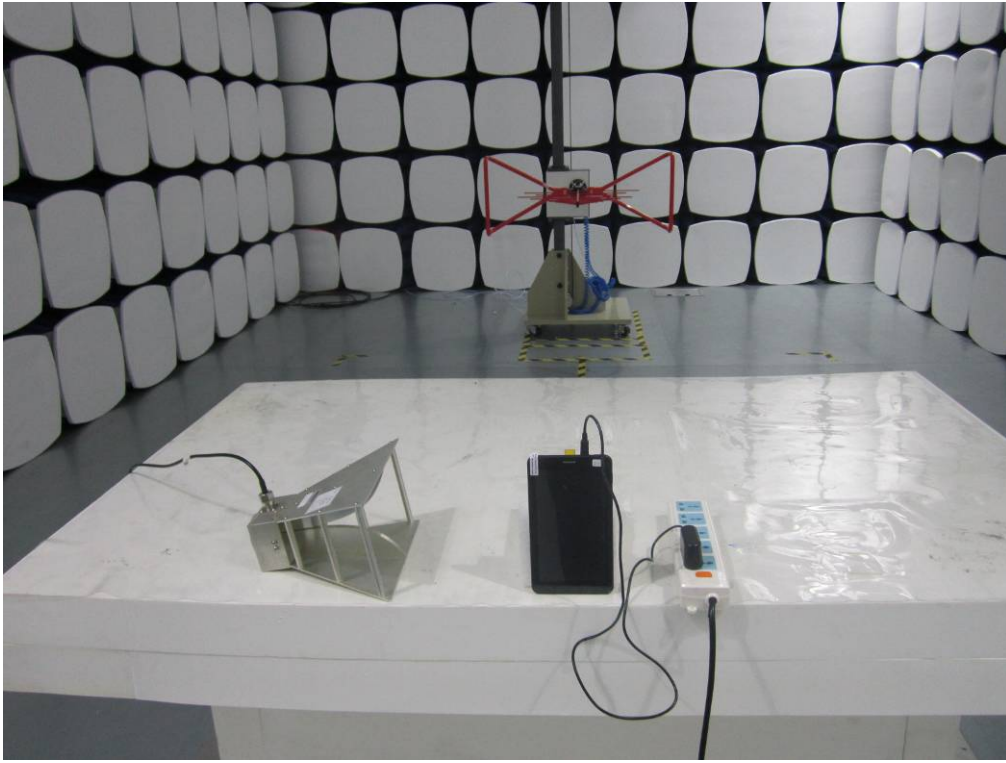
Annex B.iii. Photograph 3: Test Setup Photo



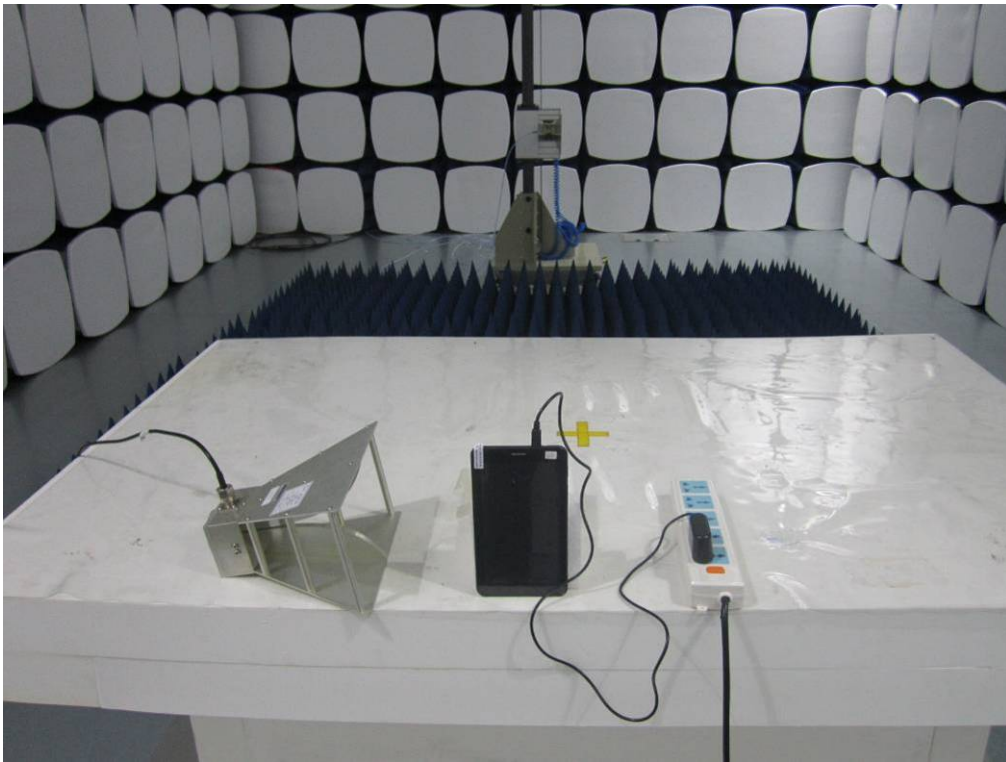
Conducted Emissions Test Setup Front View



Conducted Emissions Test Setup Side View



Radiated Spurious Emissions Test Setup Below 1GHz - Front View



Radiated Spurious Emissions Test Setup Above 1GHz - Front View

Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

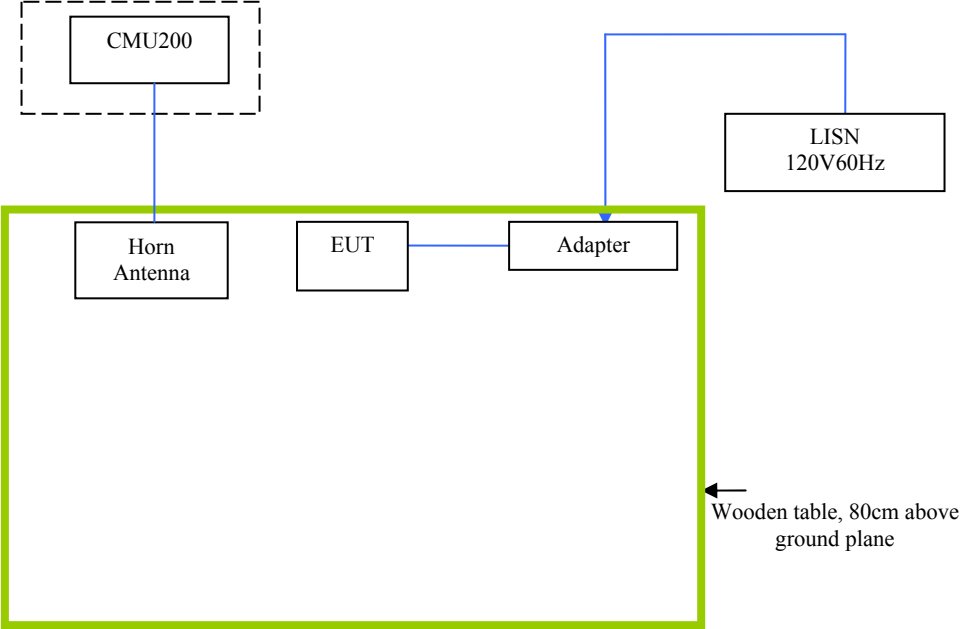
EUT TEST CONDITIONS

Annex C. i. SUPPORTING EQUIPMENT DESCRIPTION

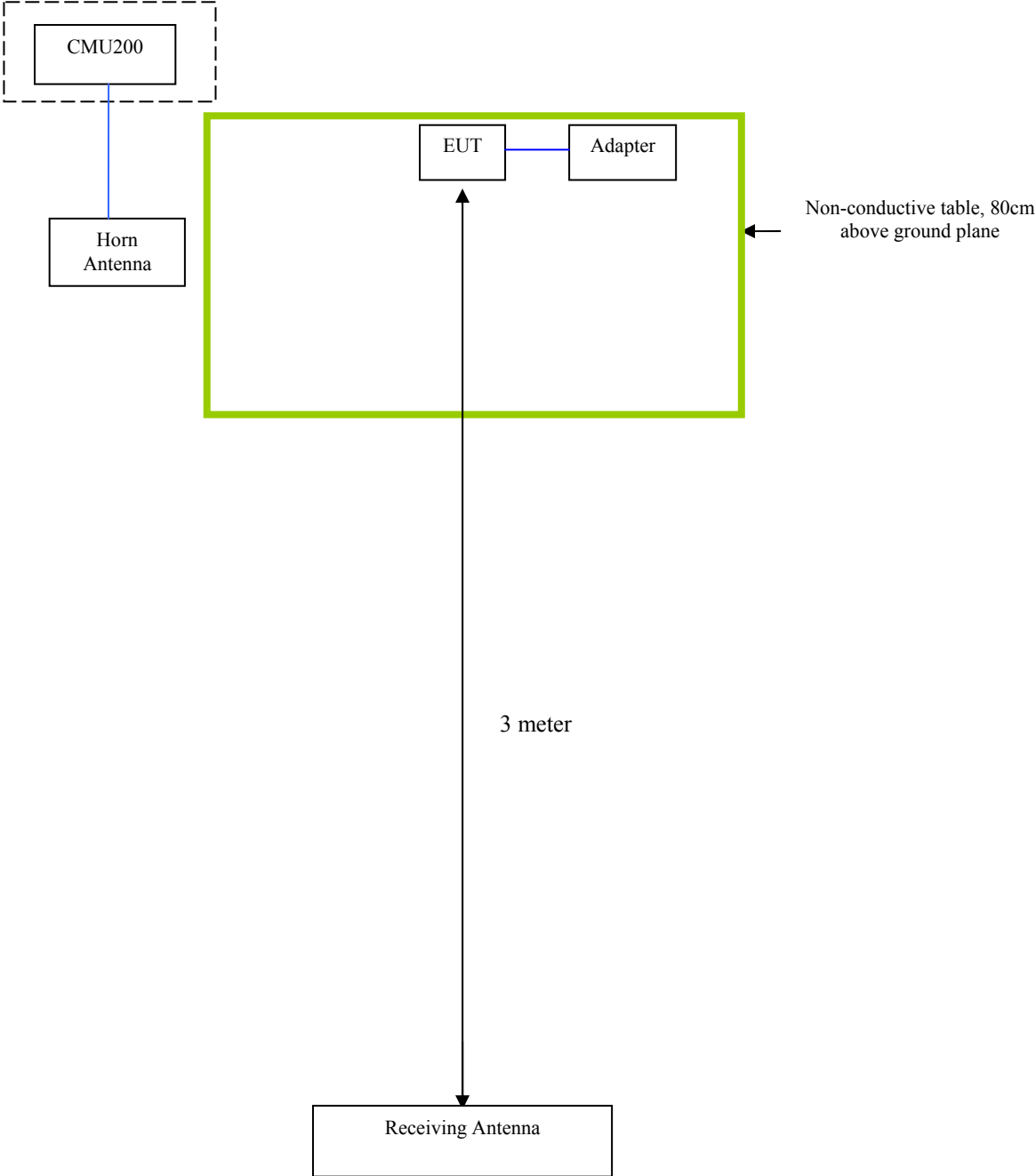
The following is a description of supporting equipment and details of cables used with the EUT.

Manufacturer	Equipment Description (Including Brand Name)	Model	Calibration Date	Calibration Due Date
N/A	N/A	N/A	N/A	N/A

Block Configuration Diagram for AC Line Conducted Emissions



Block Configuration Diagram for Radiated Emissions



Annex C.ii. EUT OPERATING CONDITIONS

The following is the description of how the EUT is exercised during testing.

Test	Description Of Operation
Emissions Testing	The EUT was continuously transmitting to stimulate the worst case.

Annex D. USER MANUAL / BLOCK DIAGRAM / SCHEMATICS / PART LIST

Please see attachment



SIEMIC, Inc.

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Title: RF Test Report for Tablet
Main Model: T742
Main Model: N/A
To: FCC 15.247: 2013, ANSI C63.4: 2009

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Annex E. DECLARATION OF SIMILARITY

N/A