

FCC RF Test Report

APPLICANT : TCT Mobile Limited
EQUIPMENT : Tablet PC
BRAND NAME : ALCATEL
one touch
MODEL NAME : ONE TOUCH EVO 7HD / ONE TOUCH E710
(Module: one touch M800O)
FCC ID : RAD456
STANDARD : FCC Part 15 Subpart C §15.247
CLASSIFICATION : (DTS) Digital Transmission System

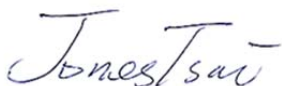
The product was integrated the WWAN Module (Brand Name: ALCATEL/one touch / Model Name: one touch M800O, FCC ID: RAD382) during the test.

The product was received on Jun. 13, 2013 and testing was completed on Oct. 29, 2013. We, SPORTON INTERNATIONAL (SHENZHEN) INC., would like to declare that the tested sample has been evaluated in accordance with the procedures and shown to be compliant with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL (SHENZHEN) INC., the test report shall not be reproduced except in full.



Reviewed by: Joseph Lin / Supervisor



Approved by: Jones Tsai / Manager



SPORTON INTERNATIONAL (SHENZHEN) INC.

**No. 3 Building, the third floor of south, Shahe River west, Fengzeyuan warehouse, Nanshan District,
Shenzhen, Guangdong, P.R.C.**

TABLE OF CONTENTS

REVISION HISTORY	4
SUMMARY OF TEST RESULT	5
1 GENERAL DESCRIPTION	6
1.1 Applicant	6
1.2 Manufacturer	6
1.3 Feature of Equipment Under Test	6
1.4 Product Specification of Equipment Under Test	7
1.5 Modification of EUT	7
1.6 Testing Site	7
1.7 Applied Standards	7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	8
2.1 Carrier Frequency Channel	8
2.2 Test Mode	8
2.3 Connection Diagram of Test System	9
2.4 Support Unit used in test configuration and system	9
2.5 EUT Operation Test Setup	9
3 TEST RESULT	10
3.1 Radiated Band Edges and Spurious Emission Measurement	10
4 LIST OF MEASURING EQUIPMENT	21
5 UNCERTAINTY OF EVALUATION	22
APPENDIX A. SETUP PHOTOGRAPHS	
APPENDIX B. PRODUCT EQUALITY DECLARATION	

[illegible]

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 3.46 dB at 2483.620 MHz

1 General Description

1.1 Applicant

TCT Mobile Limited

5F, C building, No. 232, Liang Jing Road, ZhangJiang High-Tech Park, Pudong Area Shanghai, P.R. China. 201203

1.2 Manufacturer

TCL COMMUNICATION TECHNOLOGY HOLDINGS LIMITED

70 Huifeng 4rd., ZhongKai Hi-tech Development District, Huizhou, Guangdong 516006 P.R.China (TCL Mobile Communication Co., LTD. Huizhou)

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	Tablet PC
Brand Name	ALCATEL one touch
Model Name	ONE TOUCH EVO 7HD / ONE TOUCH E710 (Module: one touch M800O)
FCC ID	RAD456
EUT supports Radios application	GPRS/EGPRS/WCDMA/HSPA/HSPA+/DC-HSDPA/LTE/ WLAN2.4GHz 802.11bgn Bluetooth v3.0+EDR
HW Version	JUPITER_MAIN_V6.0
SW Version	UPDATA_111_104
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx/Rx Channel Frequency Range	802.11b/g/n : 2412 MHz ~ 2462 MHz
Antenna Type	802.11b/g/n : PIFA Antenna type
Type of Modulation	802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Site

Test Site	SPORTON INTERNATIONAL (SHENZHEN) INC.	
Test Site Location	No. 3 Building, the third floor of south, Shahe River west, Fengzeyuan warehouse, Nanshan District, Shenzhen, Guangdong, P.R.C. TEL: +86-755- 3320-2398	
Test Site No.	Sporton Site No.	FCC Registration No.
	03CH01-SZ	831040

Note: The test site complies with ANSI C63.4 2003 requirement.

1.7 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart C §15.247
- ♦ FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r01
- ♦ ANSI C63.4-2003

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The final configuration from all the combinations and the worst-case data rates were investigated by measuring the maximum power across all the data rates and modulation modes under section 2.2.

Based on the worst configuration found above, the RF power setting is set individually to meet FCC compliance limit for the final conducted and radiated tests shown in section 2.3.

2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	1	2412	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437	-	-

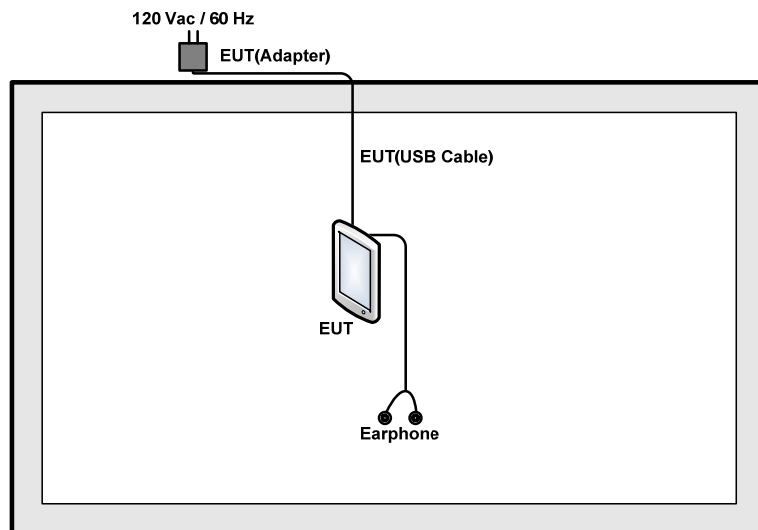
2.2 Test Mode

Final results of test modes, data rates and test channels are shown as following table.

Test Cases				
Radiated TCs	Test Items	Mode	Data Rate	Test Channel
	Radiated Band Edge	802.11b	1 Mbps	01
		802.11g	6 Mbps	01
		802.11n HT20	6.5 Mbps	11
	Radiated Spurious Emission	802.11b	1 Mbps	01
		802.11g	6 Mbps	01
		802.11n HT20	6.5 Mbps	11
		802.11n HT40	13.5 Mbps	06

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Earphone	Lenovo	SH100	N/A	N/A	N/A

2.5 EUT Operation Test Setup

For WLAN function, the engineering test program was provided and enabled to make EUT continuous transmit/receive.

3 Test Result

3.1 Radiated Band Edges and Spurious Emission Measurement

3.1.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the FCC section 15.209 limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v03r01.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB 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.
7. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW=100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement.

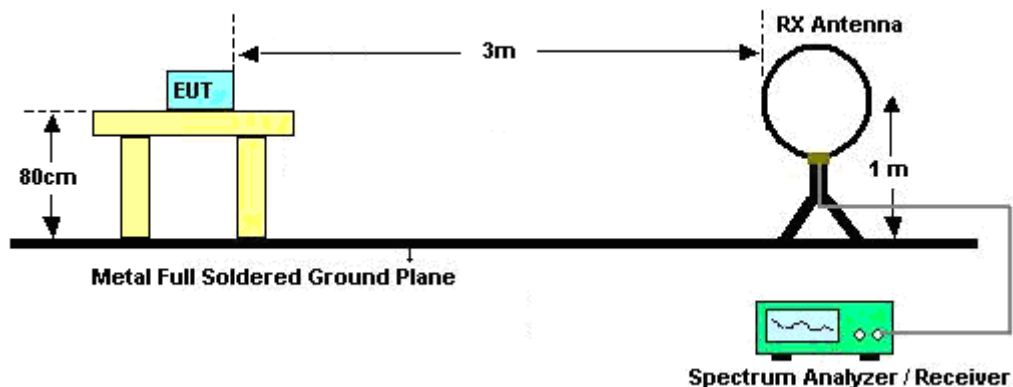
For average measurement:

 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

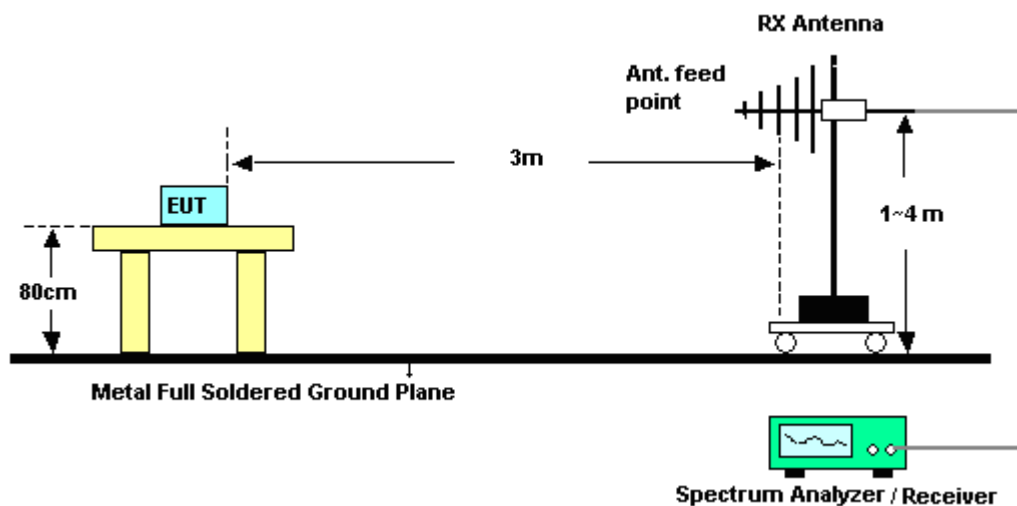
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10hz
802.11g	97.21	1.392	0.718	1Khz
2.4GHz 802.11n HT20	97.31	1.307	0.765	1Khz
2.4GHz 802.11n HT40	94.77	0.652	1.534	3Khz

3.1.4 Test Setup

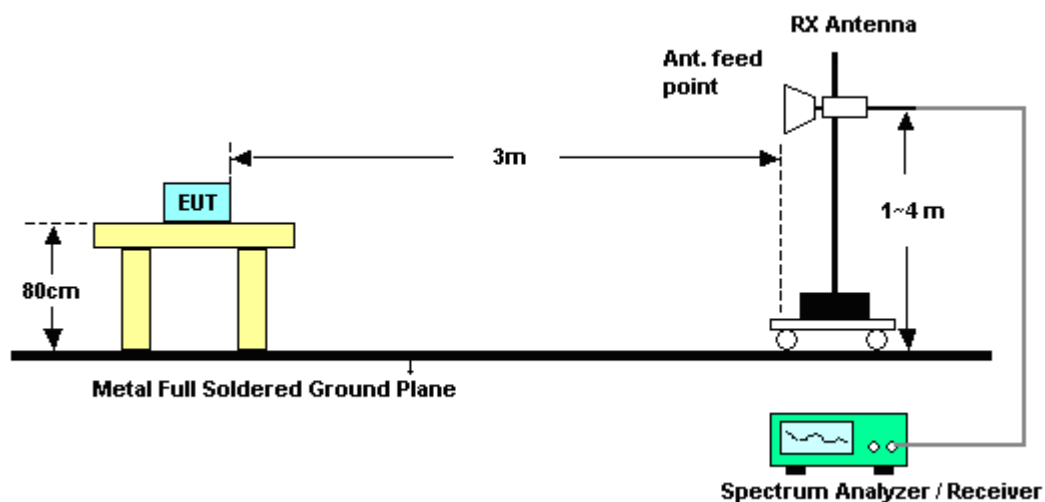
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.1.5 Test Results of Radiated Spurious Emissions (9kHz ~ 30MHz)

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.

3.1.6 Test Result of Radiated Spurious at Band Edges

Test Mode :	802.11b	Temperature :	25~26°C
Test Band :	Low	Relative Humidity :	54~58%
Test Channel :	01	Test Engineer :	Robin Luo

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2334.57	56.65	-17.35	74	48.85	32.07	5.53	29.8	106	20	Peak
2331.24	49.54	-4.46	54	41.76	32.05	5.53	29.8	106	20	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2335.11	50.87	-23.13	74	43.07	32.07	5.53	29.8	200	249	Peak
2333.76	42.46	-11.54	54	34.68	32.05	5.53	29.8	200	249	Average

Test Mode :	802.11g	Temperature :	25~26°C
Test Band :	Low	Relative Humidity :	54~58%
Test Channel :	01	Test Engineer :	Robin Luo

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2389.9	64.27	-9.73	74	56.45	31.98	5.62	29.78	132	215	Peak
2389.92	50.41	-3.59	54	42.59	31.98	5.62	29.78	132	215	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2389.38	56.4	-17.6	74	48.62	31.98	5.59	29.79	161	75	Peak
2389.83	44.86	-9.14	54	37.04	31.98	5.62	29.78	161	75	Average



Test Mode :	802.11n HT20	Temperature :	25~26°C
Test Band :	High	Relative Humidity :	54~58%
Test Channel :	11	Test Engineer :	Robin Luo

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2485.72	68.89	-5.11	74	60.67	32.27	5.71	29.76	129	308	Peak
2483.62	50.54	-3.46	54	42.32	32.27	5.71	29.76	129	308	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2484.82	65.62	-8.38	74	57.4	32.27	5.71	29.76	190	252	Peak
2483.53	46.54	-7.46	54	38.32	32.27	5.71	29.76	190	252	Average

3.1.7 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic)

Note: Pre-scanned all test modes and only choose the worst case mode recorded in the test report for radiated spurious emission below 1GHz.

Test Mode :	802.11b	Temperature :	25~26°C
Test Channel :	01	Relative Humidity :	54~58%
Test Engineer :	Robin Luo	Polarization :	Horizontal
Remark :	1. 2412 MHz is fundamental signal which can be ignored. 2. Average measurement was not performed if peak level went lower than the average limit.		

Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2412	106.22	-	-	98.21	32.17	5.62	29.78	106	19	Peak
2412	104.17	-	-	96.16	32.17	5.62	29.78	106	19	Average
4824	39.48	-34.52	74	54.7	33.68	8.36	57.26	105	198	Peak

Test Mode :	802.11b	Temperature :	25~26°C
Test Channel :	01	Relative Humidity :	54~58%
Test Engineer :	Robin Luo	Polarization :	Vertical
Remark :	1. 2412 MHz is fundamental signal which can be ignored. 2. Average measurement was not performed if peak level went lower than the average limit.		

Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2412	101.26	-	-	93.25	32.17	5.62	29.78	200	248	Peak
2412	99.21	-	-	91.2	32.17	5.62	29.78	200	248	Average
4824	37.76	-36.24	74	52.98	33.68	8.36	57.26	105	198	Peak

Test Mode :	802.11g	Temperature :	25~26°C
Test Channel :	01	Relative Humidity :	54~58%
Test Engineer :	Robin Luo	Polarization :	Horizontal
Remark :	1. 2412 MHz is fundamental signal which can be ignored. 2. Average measurement was not performed if peak level went lower than the average limit.		

Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2412	107.68	-	-	99.67	32.17	5.62	29.78	132	215	Peak
2412	99.14	-	-	91.13	32.17	5.62	29.78	132	215	Average
4824	37.48	-36.52	74	52.7	33.68	8.36	57.26	105	198	Peak

Test Mode :		802.11g			Temperature :		25~26°C			
Test Channel :		01			Relative Humidity :		54~58%			
Test Engineer :		Robin Luo			Polarization :		Vertical			
Remark :		1. 2412 MHz is fundamental signal which can be ignored. 2. Average measurement was not performed if peak level went lower than the average limit.								
Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2412	102.68	-	-	94.67	32.17	5.62	29.78	160	74	Peak
2412	94.34	-	-	86.33	32.17	5.62	29.78	160	74	Average
4824	38.76	-35.24	74	53.98	33.68	8.36	57.26	105	198	Peak

Test Mode :	2.4GHz 802.11n HT20	Temperature :	25~26°C
Test Channel :	11	Relative Humidity :	54~58%
Test Engineer :	Robin Luo	Polarization :	Horizontal
Remark :	1. 2462 MHz is fundamental signal which can be ignored. 2. Average measurement was not performed if peak level went lower than the average limit.		

Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
104.69	26.11	-17.39	43.5	43.67	11.8	1.29	30.65	-	-	Peak
169.68	30.54	-12.96	43.5	49.6	9.8	1.57	30.43	200	300	Peak
199.75	30.11	-13.39	43.5	49.64	9.1	1.7	30.33	-	-	Peak
307.42	27.33	-18.67	46	42.19	13.08	2.04	29.98	-	-	Peak
780.78	26.54	-19.46	46	31.77	20.6	3.13	28.96	-	-	Peak
960.23	29.03	-24.97	54	32.52	21.8	3.43	28.72	-	-	Peak
2462	109.17	-	-	101.01	32.24	5.68	29.76	128	307	Peak
2462	98.91	-	-	90.75	32.24	5.68	29.76	128	307	Average
4924	38.29	-35.71	74	52.99	33.92	8.46	57.08	146	347	Peak
7386	39.92	-34.08	74	51.6	35.35	10.02	57.05	145	274	Peak

Test Mode :	2.4GHz 802.11n HT20	Temperature :	25~26°C
Test Channel :	11	Relative Humidity :	54~58%
Test Engineer :	Robin Luo	Polarization :	Vertical
Remark :	1. 2462 MHz is fundamental signal which can be ignored. 2. Average measurement was not performed if peak level went lower than the average limit.		

Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
111.48	28.58	-14.92	43.5	45.68	12.2	1.33	30.63	200	360	Peak
199.75	24.93	-18.57	43.5	44.46	9.1	1.7	30.33	-	-	Peak
314.21	27.72	-18.28	46	42.07	13.54	2.06	29.95	-	-	Peak
504.33	27.91	-18.09	46	37.08	17.62	2.54	29.33	-	-	Peak
551.86	25.88	-20.12	46	33.64	18.84	2.66	29.26	-	-	Peak
939.86	26.85	-19.15	46	30.05	22.1	3.45	28.75	-	-	Peak
2462	104.71	-	-	96.55	32.24	5.68	29.76	190	251	Peak
2462	94.76	-	-	86.6	32.24	5.68	29.76	190	251	Average
4924	37.65	-36.35	74	52.35	33.92	8.46	57.08	146	347	Peak
7386	39.47	-34.53	74	51.15	35.35	10.02	57.05	145	274	Peak

Test Mode :	2.4GHz 802.11n HT40	Temperature :	25~26°C
Test Channel :	06	Relative Humidity :	54~58%
Test Engineer :	Robin Luo	Polarization :	Horizontal
Remark :	1. 2437 MHz is fundamental signal which can be ignored. 2. Average measurement was not performed if peak level went lower than the average limit.		

Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2437	108.74	-	-	100.64	32.22	5.65	29.77	155	25	Peak
2437	98.3	-	-	90.2	32.22	5.65	29.77	155	25	Average
4874	38.51	-35.49	74	53.47	33.8	8.41	57.17	132	224	Peak
7311	40.15	-33.85	74	52.01	35.31	9.99	57.16	119	347	Peak

Test Mode :	2.4GHz 802.11n HT40	Temperature :	25~26°C
Test Channel :	06	Relative Humidity :	54~58%
Test Engineer :	Robin Luo	Polarization :	Vertical
Remark :	1. 2437 MHz is fundamental signal which can be ignored. 2. Average measurement was not performed if peak level went lower than the average limit.		

Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2437	109.46	-	-	101.36	32.22	5.65	29.77	105	295	Peak
2437	99.34	-	-	91.24	32.22	5.65	29.77	105	295	Average
4874	38.04	-35.96	74	53	33.8	8.41	57.17	132	224	Peak
7311	39.33	-34.67	74	51.19	35.31	9.99	57.16	119	347	Peak

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	Agilent Technologies	N9038A	MY52260185	20Hz~26.5GHz	Apr. 04, 2013	Oct. 29, 2013	Apr. 03, 2014	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS Lindgren	3117	00119436	1GHz~18GHz	Oct. 12, 2013	Oct. 29, 2013	Oct. 11, 2014	Radiation (03CH01-SZ)
Bilog Antenna	SCHAFFNER	CBL6112B	2614	30MHz~2GHz	Nov. 03, 2012	Oct. 29, 2013	Nov. 02, 2013	Radiation (03CH01-SZ)
Amplifier	ADVANTEST	BB525C	E9007003	9kHz-3000MHz GAIN 30db	Mar. 28, 2013	Oct. 29, 2013	Mar. 27, 2014	Radiation (03CH01-SZ)
Amplifier	Yiai	AV3860B	04030	2GHz~26.5GHz	Mar. 28, 2013	Oct. 29, 2013	Mar. 27, 2014	Radiation (03CH01-SZ)
SHF-EHF-Horn	Schwarzbeck	BBHA9170	BBHA9170249	14GHz~40GHz	Nov. 23, 2012	Oct. 29, 2013	Nov. 22, 2013	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz-30MHz	May 29, 2013	Oct. 29, 2013	May 28, 2014	Radiation (03CH01-SZ)
Turn Table	EM Electronics	EM 1000	N/A	0 ~ 360 degree	N/A	Oct. 29, 2013	N/A	Radiation (03CH01-SZ)
Antenna Mast	EM Electronics	EM 1000	N/A	1 m - 4 m	N/A	Oct. 29, 2013	N/A	Radiation (03CH01-SZ)

5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	3.90
--	------



Appendix B. Product Equality Declaration

TCT Mobile Limited

5F, C building, No. 232, Liang Jing Road, Zhangjiang High-Tech Park, Pudong,
Shanghai, China

Tel: +86(0)2161460890 ; Fax: +86(0)2161460600

Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road
Columbia, MD 21046

To whom it may concern:

FCC IDs RAD456 and RAD381 are tablet PCs that share the same enclosure, main logic board, display, battery and I/O design. Both FCC IDs use the same Wi-Fi / Bluetooth chipset, and operate using the same transmit power levels. Also, both FCC IDs run the same software.

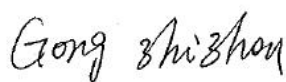
The Wi-Fi and Bluetooth test reports from [FCC ID: RAD381] (WLAN/BT only) will represent the RF and EMC performance of FCC ID: [FCC ID: RAD456] (WWAN+Wi-Fi).

FCC ID: RAD381 is identical to FCC ID: RAD456, except that FCC ID: RAD381 does not have WWAN radio capability.

FCC ID	RF function
RAD381	WLAN/BT
RAD456	WLAN/BT + WWAN

Pursuant to KDB 996369, we would use Wi-Fi and Bluetooth test reports from [FCC ID: RAD381] (WLAN/BT only) in our application for [FCC ID: RAD456] (WLAN/BT + WWAN).

Should you have any comments or questions, please feel free to contact me.
Sincerely,



Contact Person: Zhizhou Gong
E-mail: zhizhou.gong@jrdcom.com