EMC TEST REPORT

For

Widescreen Touch Panel

Model Number: HCS-6107TP-B, HCS-6107TP-G FCC ID: WGV6107TP

Report Number: WT098000391

Test Laboratory : Shenzhen Academy of Metrology and

Quality Inspection EMC Laboratory

Guangdong EMC Compliance Test Center

Site Location : Bldg. of Metrology &Quality Inspection,

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TEST REPORT DECLARATION

Applicant : TAIDEN INDUSTRIAL CO.,LTD.

Address : 23/F, POLY BUILDING, NANSHAN DISTRICT, SHENZHEN,

CHINA

Manufacturer : TAIDEN INDUSTRIAL CO.,LTD.

Address : 23/F, POLY BUILDING, NANSHAN DISTRICT, SHENZHEN,

CHINA

EUT Description : Widescreen Touch Panel

Model Number : HCS-6107TP-B, HCS-6107TP-G

FCC ID Number : WGV6107TP

Test Standards:

FCC Part 15 15.207, 15.209, 15.249

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4 (2003) and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15.207, 15.209 and 15.249.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Tested by:	feni oin	Date:	2009.04.15
	(Kevin Qiu)		
Checked by:	Derold	Date:	2009.04.15
	(Dewelly Yang)		
Approved by:	petal	Date:	2009.04.15
	(Peter Lin)		

1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

		5
Test Items	FCC Rules	Test Results
Conducted Disturbance	15.207	Pass
Radiated disturbance	15.209	Pass
Occupied Bandwidth	15.249	Pass
Band Edges	15.249	Pass
Antenna Requirement	15.203	Pass

2. GENERAL INFORMATION

2.1. Report information

- 2.1.1. This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.
- 2.1.2.The sample/s mentioned in this report is/are supplied by Applicant, SMQ therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.
- 2.1.3.Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through SMQ, unless the applicant has authorized SMQ in writing to do so.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at Bldg. of Metrology & Quality Inspection, Longzhu Road, Nanshan District, Shenzhen, Guangdong, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Committee for Laboratories (**CNAS**) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is L0579.

The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number are 97379(open area test site) and 274801(semi anechoic chamber).

The Laboratory is listed in Voluntary Control Council for Interference by Information Technology Equipment (VCCI), and the registration number are R-1974(open area test site), R-1966(semi anechoic chamber), C-2117(mains ports conducted interference measurement) and T-180(telecommunication ports conducted interference measurement).

The Laboratory is registered to perform emission tests with Industry Canada (IC), and the registration number is IC4174.

TUV Rhineland accredits the Laboratory for conformance to IEC and EN standards, the registration number is **E2024086Z02**.

2.3. Measurement Uncertainty

Conducted Disturbance: 9kHz~30MHz 3.5dB

Radiated Disturbance: 30MHz~1000MHz 4.5dB

1GHz~18GHz 4.6dB

3. PRODUCT DESCRIPTION

3.1. EUT Description

Description : Widescreen Touch Panel

Manufacturer : TAIDEN INDUSTRIAL CO.,LTD.

Model Number : HCS-6107TP-B, HCS-6107TP-G

Adaptor: Model: 0055 AC TO DC ADAPTPR

Input Power : Input: AC 100-240V 800mA 50/60Hz

Output: DC 15V 2.2A

Frequency Band : 2405MHz-2450MHz

Channels : 10 channels, channel space: 5MHz

Bandwidth : 3MHz

Modulation : DSSS

Antenna Designation : integrated

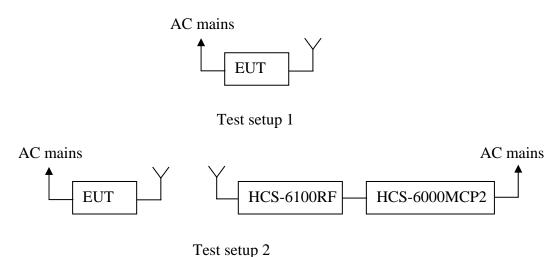
Remark: The HCS-6107TP-B and HCS-6107TP-G's transmitter is based on direct up-conversion. The data is buffered in a 128 byte transmit FIFO (separate from the receive FIFO). The preamble and start of frame delimiter are generated in hardware. Each symbol (4 bits) is spread using the spreading sequence to 32 chips and output to the digital-to-analog converters (DACs). An analog low pass filter passes the signal to the quadrature (I and Q) up-conversion mixers. The RF signal is amplified in the power amplifier (PA) and fed to the antenna.

HCS-6107TP-B and HCS-6107TP-G are series models which are identical in all aspects except for color. The model HCS-6107TP-B is black, and the model HCS-6107TP-G is gray. Therefore all tests are performed on HCS-6107TP-B only.

3.2. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: WGV6107TP filing to comply with Section 15.249 of the FCC Part 15, Subpart C Rules.

3.3. Block Diagram of EUT Configuration



Tost soup =

Remark: The Widescreen Touch Panel HCS-6107TP-B, Intelligent Central Control System main unit HCS-6000MCP2 and Wireless Transceiver HCS-6100RF compose the full system.

3.4. Operating Condition of EUT

Mode1: Transmitting at 2405MHz (test setup1) Mode2: Transmitting at 2430MHz (test setup1) Mode3: Transmitting at 2450MHz (test setup1)

Mode4: Communication (test setup 2)

3.5. Special Accessories

Not available for this EUT intended for grant.

3.6. Equipment Modifications

Not available for this EUT intended for grant.

3.7. Support Equipment List

Not available.

3.8. Test Conditions

Date of test: Mar12.-Apr.15, 2009 Date of EUT Receive: Sep.12, 2008

Temperature: 23-26 °C Relative Humidity: 46-50%

4. TEST EQUIPMENT USED

4.1. Test Equipment Used to Measure Conducted Disturbance

Table 2 Conducted Disturbance Test Equipment

No.	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
SB2603	EMI Test Receiver	Rohde & Schwarz	ESCS30	Jan.23, 2009	1 Year
SB3321	AMN	Rohde & Schwarz	ESH2-Z5	Jan.23, 2009	1 Year
SB2604	AMN	Rohde & Schwarz	ESH3-Z5	Jan.23, 2009	1 Year

4.2. Test Equipment Used to Measure Radiated Disturbance and bandwidth

Table 3 Radiated Disturbance Test Equipment

No.	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
SB3436	EMI Test Receiver	Rohde & Schwarz	ESI26	Jan.23, 2009	1 Year
SB3440	Bilog Antenna	Chase	CBL6112B	Jan.23, 2009	1 Year
SB3435	Horn Antenna	Rohde & Schwarz	HF906	Jan.23, 2009	1 Year
SB3435/ 01	Amplifier(1-18GHz)	Rohde & Schwarz		Jan.23, 2009	1 Year

5. CONDUCTED DISTURBANCE TEST

5.1. Test Standard and Limit

5.1.1.Test Standard

FCC Part 15 15.207

5.1.2.Test Limit

Table 4 Conducted Disturbance Test Limit (Class B)

	Maximum RF Line Voltage (dBµV)				
Frequency		• • •			
	Quasi-peak Level	Average Level			
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *			
500kHz~5MHz	56	46			
5MHz~30MHz	60	50			

[•] The lower limit shall apply at the transition frequency.

5.2. Test Procedure

The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI test receiver (R&S Test Receiver ESCS30) is used to test the emissions form both sides of AC line. According to the requirements in Section 7 and 13 of ANSI C63.4-2003.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

5.3. Test Arrangement

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

5.4. Test Data

The worst case is Communication mode. The follow was shown the worst data.

Table 5 Conducted Disturbance Test Data

Model: HCS-6107TP-B

Mode: 4

Line									
Frequency	Correction		Quasi-Peak			Average	,		
(MHz)	Factor (dB)	Reading (dBμV)	Emission Level (dBµV)	Limits (dBµV)	Reading (dBμV)	Emission Level (dBµV)	Limits (dBµV)		
0.154	10.0	33.8	43.8	65.8	5.1	15.1	55.8		
0.206	10.0	33.9	43.9	63.4	24.7	34.7	53.4		
0.516	10.0	28.9	38.9	56	25.8	35.8	46		
0.824	10.0	23.1	33.1	56	20.7	30.7	46		
3.805	10.0	18.5	28.5	56	13.9	23.9	46		
6.480	10.0	22.5	32.5	56	19.5	29.5	50		

 $\pmb{REMARKS}\text{: 1. Emission level} (dBuV) = Read\ Value(dBuV) + Correction\ Factor(dB)$

- 2. Correction Factor(dB) =LISN Factor (dB) + Cable Factor (dB)+Limiter Factor(dB)
- 3. The other emission levels were very low against the limit.

Table 6 Conducted Disturbance Test Data

Model: HCS-6107TP-B

Mode: 4

	_		Neu	tral						
Fraguency	Correction		Quasi-Peak			Average				
Frequency (MHz)	Factor (dB)	Reading (dBμV)	Emission Level (dBµV)	Limits (dBµV)	Reading (dBμV)	Emission Level (dBµV)	Limits (dBµV)			
0.154	10.0	34.1	44.1	65.8	5.1	15.1	55.8			
0.206	10.0	34.3	44.3	63.4	25.4	35.4	53.4			
0.306	10.0	28.9	38.9	60.1	21.2	31.2	50.1			
0.516	10.0	30.0	40.0	56	26.8	36.8	46			
0.824	10.0	23.3	33.3	56	21.1	31.1	46			
7.110	10.0	30.8	40.8	60	27.3	37.3	50			

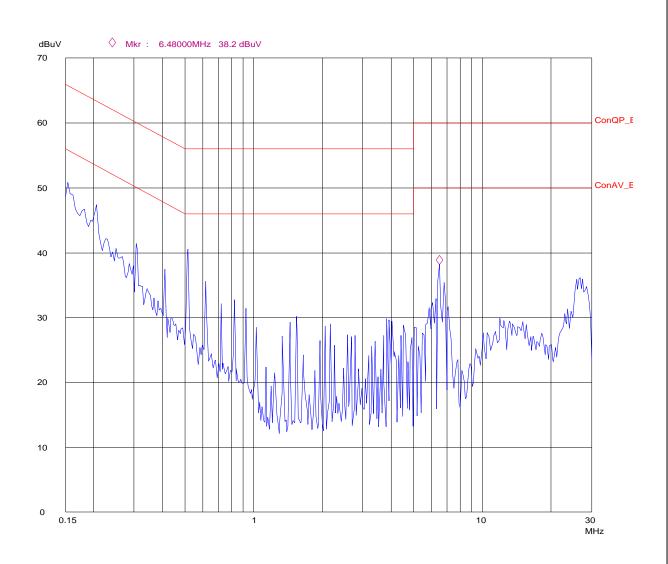
REMARKS: 1. Emission level(dBuV)=Read Value(dBuV) + Correction Factor(dB)

^{2.} Correction Factor(dB) =LISN Factor (dB) + Cable Factor (dB)+Limiter Factor(dB)

^{3.} The other emission levels were very low against the limit.

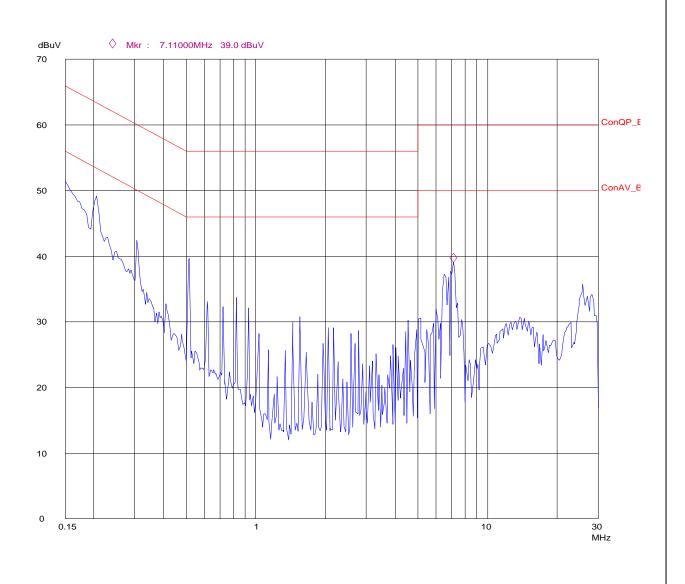
Conducted Disturbance

EUT: M/N:HCS-6107TP-B
Op Cond: Communication
Test Spec: L
Comment: AC 120V/60Hz



Conducted Disturbance

EUT: M/N:HCS-6107TP-B
Op Cond: Communication
Test Spec: N
Comment: AC 120V/60Hz



6. RADIATED DISTURBANCE TEST

6.1. Test Standard and Limit

6.1.1.Test Standard

FCC Part 15 15.249

6.1.2.Test Limit

Table 7 Radiated Disturbance Test Limit (Class B)

Tuest , Italiante 2 istate unit 1 est 2 initi (estass									
FREQUENCY			FIELD STRENGTHS	FIELD					
N	ИHz		LIMITS	STRENGTHS					
			$(\mu V/m)$	LIMITS					
				$dB (\mu V/m)$					
Fund	lamen	tal	50000	94.0					
Har	monic	es	500	54.0					
30	~	88	100	40.0					
88	~	216	150	43.5					
216	~	960	200	46.0					
960	~	•	500	54.0					

^{*} The lower limit shall apply at the transition frequency.

6.2. Test Procedure

The EUT is placed on a turntable, which is 0.8 meter above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can move up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna is used as a receiving antenna. Both horizontal and vertical polarization of the antenna is set on test. In order to find out the max. emission, the relative positions of this hand-held transmitter(EUT) was rotated through three orthogonal axes according to the requirements in Section 8 and 13 of ANSI C63.4-2003.

The RBW of the EMI test receiver is:

30~1000MHz 120KHz 1000-18000MHz 1MHz

6.3. Test Arrangement

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

^{*} The test distance is 3m.

6. 4. Test Data

The test data listed in following tables are given in the worst case in the band from 30MHz to 24.5GHz. The other emission levels were less than the limit 20dB.

Table 8 Radiated Disturbance Test Data

Model nu	ımber: HCS	-6107TP	-B				
Test Mod	le:1						
Frequency (MHz)	Polarization	Reading Value (dB \(\mu \) V)	Correction Factor (dB)	Antenna Factor (dB/m)	Emission Level dB (\mu V/m)	Limits dB (µ V/m)	Note
212.39	V	29.1	2.6	10.04	41.7	43.5	QP
274.929	V	28.2	2.8	13.28	44.3	46.0	QP
286.593	V	27.5	2.9	13.51	43.9	46.0	QP
237.995	Н	26.8	2.7	11.95	41.4	46.0	QP
274.929	Н	26.4	2.8	13.28	42.5	46.0	QP
287.292	Н	28.1	2.9	13.51	44.5	46.0	QP
2405.057	Н	74.7	-38.1	28.5	65.1	114.0	Fundamental PK
2405.057	Н	70.0	-38.1	28.5	60.4	94.0	Fundamental AV
2405.039	V	69.8	-38.1	28.5	60.2	114.0	Fundamental PK
2405.039	V	65.1	-38.1	28.5	55.5	94.0	Fundamental AV
4810.120	Н	61.1	-36.1	33.3	58.3	74.0	Harmonics PK
4810.120	Н	47.5	-36.1	33.3	44.7	54.0	Harmonics AV
4810.140	V	59.7	-36.1	33.3	56.9	74.0	Harmonics PK
4810.140	V	45.3	-36.1	33.3	42.5	54.0	Harmonics AV
7215.130	Н	31.3	-29.9	36.4	37.8	74.0	Harmonics PK
7215.130	Н	18.6	-29.9	36.4	25.1	54.0	Harmonics AV
7215.120	V	31.9	-29.9	36.4	38.4	74.0	Harmonics PK
7215.120	V	19.8	-29.9	36.4	26.3	54.0	Harmonics AV

Note: 1Emission level(dBuV/m)=Reading Value(dBuV) + Correction Factor(dB/m)+ Antenna Factor (dB/m)

^{2.} Correction Factor(dB/m) = Cable Factor (dB)+Amplifier Factor(dB)

^{3.} The other emission levels were less than the limit 20dB

Table 9 Radiated Disturbance Test Data

Model number: HCS-6107TP-B

Test Mode:2

Frequency (MHz)	Polarization	Reading Value (dB \(\mu \) V)	Correction Factor (dB)	Antenna Factor (dB/m)	Emission Level dB (µ V/m)	Limits dB (µ V/m)	Note
212.39	V	29.3	2.6	10.04	41.9	43.5	QP
274.929	V	28.1	2.8	13.28	44.2	46.0	QP
286.593	V	27.3	2.9	13.51	43.7	46.0	QP
237.995	Н	26.9	2.7	11.95	41.5	46.0	QP
274.929	Н	26.2	2.8	13.28	42.3	46.0	QP
287.292	Н	28.0	2.9	13.51	44.4	46.0	QP
2430.070	Н	75.1	-38.1	28.5	65.5	114.0	Fundamental PK
2430.070	Н	69.8	-38.1	28.5	60.2	94.0	Fundamental AV
2430.070	V	73.0	-38.1	28.5	63.4	114.0	Fundamental PK
2430.070	V	68.3	-38.1	28.5	58.7	94.0	Fundamental AV
4860.050	Н	58.5	-35.6	33.3	56.2	74.0	Harmonics PK
4860.050	Н	53.3	-35.6	33.3	51.0	54.0	Harmonics AV
4860.090	V	61.6	-35.6	33.3	59.3	74.0	Harmonics PK
4860.090	V	54.6	-35.6	33.3	52.3	54.0	Harmonics AV

Note: 1. Emission level(dBuV/m)=Reading Value(dBuV) + Correction Factor(dB/m)+ Antenna Factor (dB/m)

- 2. Correction Factor(dB/m) = Cable Factor(dB) + Amplifier Factor(dB)
- 3. The other emission levels were less than the limit 20dB

Table 10 Radiated Disturbance Test Data

Model number: HCS-6107TP-B

Test Mode:3

Frequency (MHz)	Polarization	Reading Value (dB \(\mu \) V)	Correction Factor (dB)	Antenna Factor (dB/m)	Emission Level dB (\mu V/m)	Limits dB (µ V/m)	Note
212.403	V	28.9	2.6	10.04	41.5	43.5	QP
274.915	V	27.8	2.8	13.28	43.9	46.0	QP
286.513	V	26.7	2.9	13.51	43.1	46.0	QP
237.98	Н	27.4	2.7	11.95	42	46.0	QP
274.929	Н	26.0	2.8	13.28	42.1	46.0	QP
287.292	Н	27.3	2.9	13.51	43.7	46.0	QP
2450.130	Н	75.1	-38.1	28.5	65.5	114.0	Fundamental PK
2450.130	Н	71.2	-38.1	28.5	61.6	94.0	Fundamental AV
2450.130	V	73.8	-38.1	28.5	64.2	114.0	Fundamental PK
2450.130	V	70.6	-38.1	28.5	61.0	94.0	Fundamental AV
4900.130	Н	58.6	-35.6	33.3	56.3	74.0	Harmonics PK
4900.130	Н	49.4	-35.6	33.3	47.1	54.0	Harmonics AV
4900.183	V	61.7	-35.6	33.3	59.4	74.0	Harmonics PK
4900.183	V	49.5	-35.6	33.3	47.2	54.0	Harmonics AV

Note: 1. Emission level(dBuV/m)=Reading Value(dBuV) + Correction Factor(dB/m)+ Antenna Factor (dB/m)

^{2.} Correction Factor(dB/m) = Cable Factor (dB)+Amplifier Factor(dB)

^{3.} The other emission levels were less than the limit 20dB

Table 11 Restricted Band Radiated Emission Data

MHz	MHz	MHz	GHz
MHz 0.090 - 0.110 0.495 - 0.505 2.1735 - 2.1905 4.125 - 4.128 4.17725 - 4.17775 4.20725 - 4.20775 6.215 - 6.218 6.26775 - 6.26825 6.31175 - 6.31225 8.291 - 8.294 8.362 - 8.366 8.37625 - 8.38675 8.41425 - 8.41475 12.29 - 12.293 12.51975 - 12.52025 12.57675 -	MHz 16.42 - 16.423 16.69475 - 16.69525 16.80425 - 16.80475 25.5 - 25.67 37.5 - 38.25 73 - 74.6 74.8 - 75.2 108 - 121.94 123 - 138 149.9 - 150.05 156.52475 - 156.52525 156.7 - 156.9 162.0125 - 167.17 167.72 - 173.2 240 - 285 322 - 335.4	MHz 399.9 - 410 608 - 614 960 - 1240 1300 - 1427 1435 - 1626.5 1645.5 - 1646.5 1660 - 1710 1718.8 - 1722.2 2200 - 2300 2310 - 2390 2483.5 - 2500 2655 - 2900 3260 - 3267 3332 - 3339 3345.8 - 3358 3600 - 4400	GHz 4.5 - 5.15 5.35 - 5.46 7.25 - 7.75 8.025 - 8.5 9.0 - 9.2 9.3 - 9.5 10.6 - 12.7 13.25 - 13.4 14.47 - 14.5 15.35 - 16.2 17.7 - 21.4 22.01 - 23.12 23.6 - 24.0
12.57725 13.36 - 13.41			

All the emission of the above band were less than the limit 20dB.

7. OCCUPIED BANDWIDTH

7.1. Test Standard and Limit

7.1.1.Test Standard

FCC Part 15.249

7.2. Test Procedure

- 1. The EUT was placed on a turn table which is 0.8m above ground plane.
- 2.Set EUT as normal operation
- 3.Set EMI test receiver(ESIB26) Center Frequency = fundamental frequency, RBW=10kHz, VBW= 30kHz, Span=20MHz.
- 4. Set EMI test receiver(ESIB26) Max hold. Mark peak, -20dB.

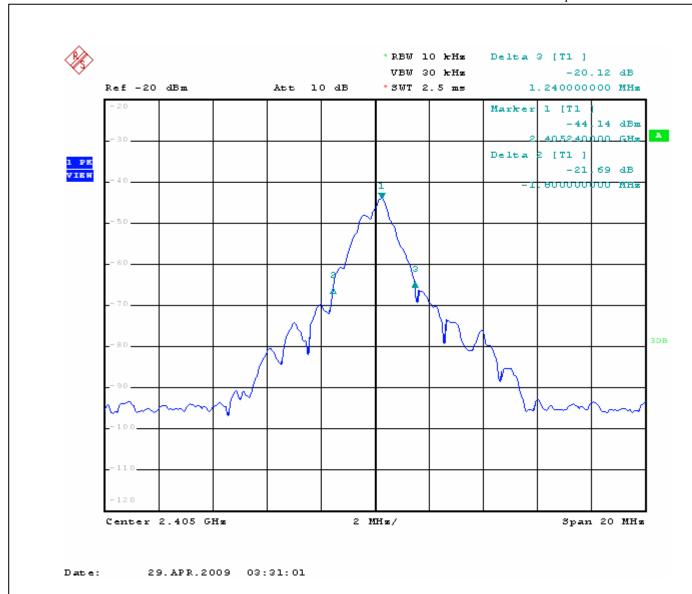
7.3. Test Arrangement

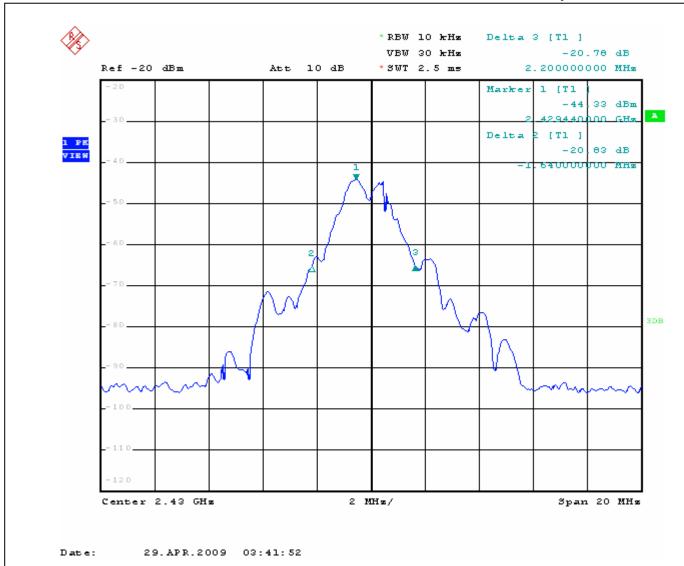
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

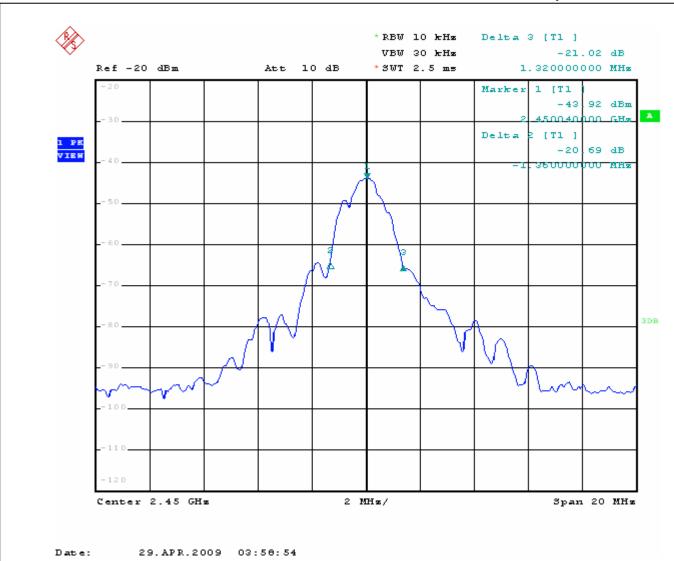
7.4. Test Data

Table 12 20dBC Bandwidth Test Result

Channel	Frequency (MHz)	20 dB Bandwidth
Low	2405	3.04MHz
Mid	2430	3.84MHz
High	2450	2.68MHz







8. BAND EDGE

8.1. Test Standard and Limit

8.1.1.Test Standard

FCC Part 15 15.249

8.2. Band Edge FCC 15.249(d) Limit

Emission 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 Section 15.209, whichever is the lesser attenuation

8.3. Test Procedure

- 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 instruments. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range and make sure the instrument is operated in its linear range.
- 3. Measure the highest amplitude appearing on spectral display and set it as reference level. Plot the graph with marking the highest point and edge frequency.
- 4. Repeat above procedures until all measured frequencies were complete.

8.4. Test Arrangement

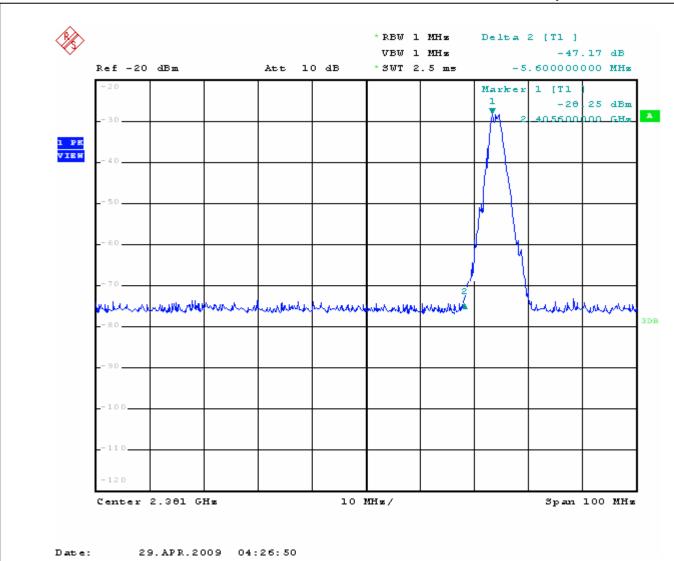
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application. The detailed information refers to test picture.

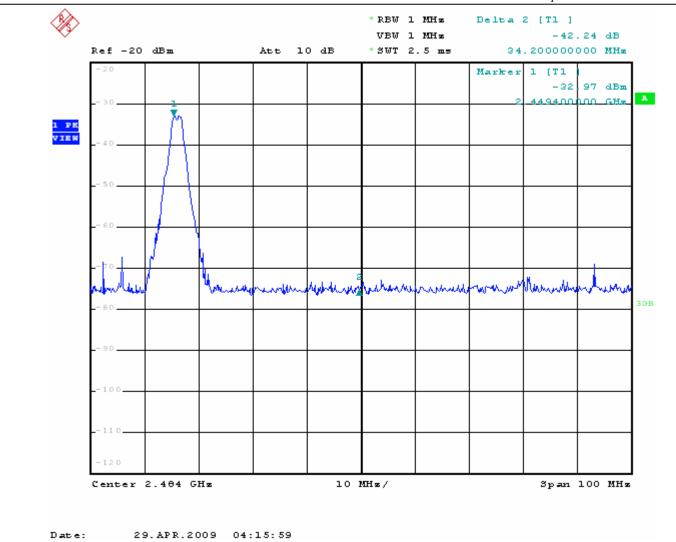
8.5. Test Data

All the emission outside 2405 MHz to 2450MHz is lower than 54 dB (µ V/m).

NOTE 1: The band edge emission plot of on page 24 low frequency shows 47.2dBc. The emission of carrier strength list in the test result of low frequency is 65.1dBuV/m (PK), so the maximum field strength in restrict band is 65.1-47.2=17.9dBuV/m which is under 54dBuV/m limit.

NOTE 2: The band edge emission plot of on page 25 high frequency shows 42.2dBc. The emission of carrier strength list in the test result of high frequency is 65.5dBuV/m (PK), so the maximum field strength in restrict band is 65.5-42.2=23.3dBuV/m which is under 54dBuV/m limit.





9.	9. ANTENNA REQUIREMENT		
	According to Section 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 EUT has a built in antenna which is integrated on the PCB, this is permanently attached antenna and meets the requirements of this section.		

	Report No.: WT088001182
APPENDIX I TEST PHOTO	

Photo 1 Conducted Emission Test



Photo 2 Conducted Emission Test



Photo 3 Radiated Emission Test

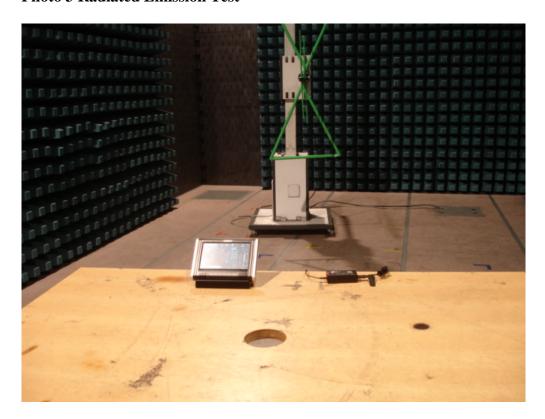
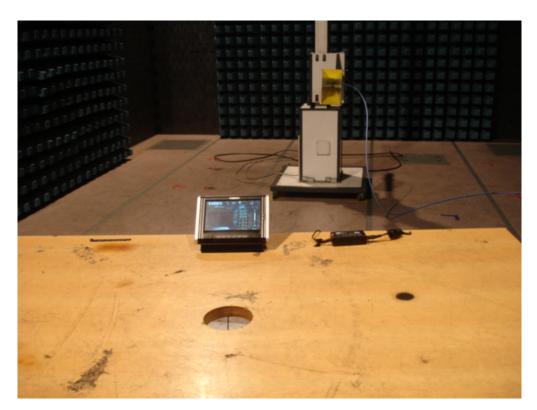


Photo 4 Radiated Emission Test



APPENDIX II EUT PHOTO

Photo 1 Appearance of EUT

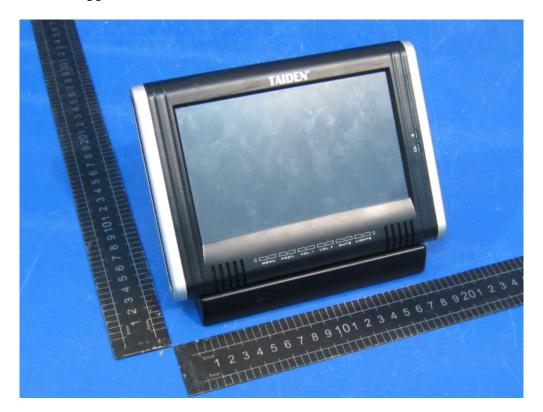


Photo 2 Appearance of EUT



Photo 3 Appearance of EUT



Photo 4 Inside of EUT

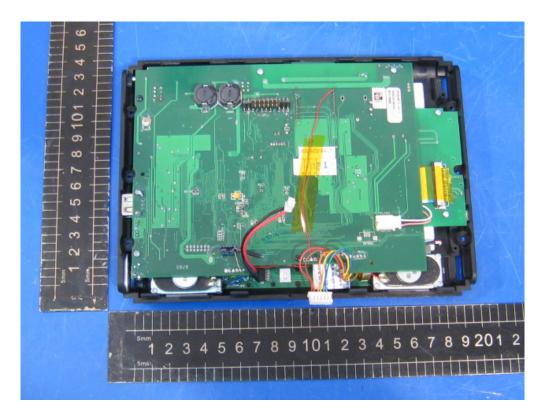


Photo 5 Inside of EUT

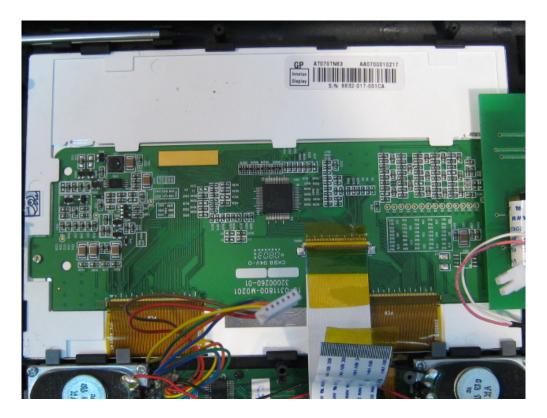


Photo 6 Inside of EUT



Photo 7 Inside of EUT

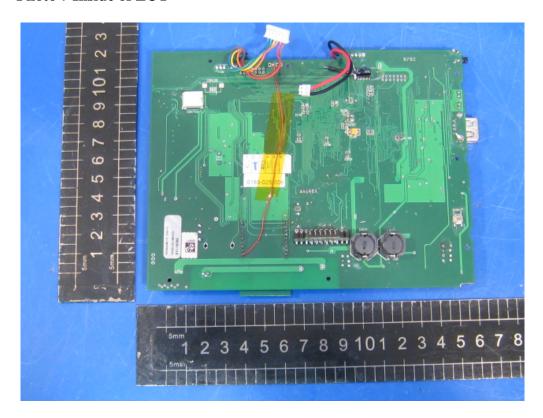


Photo 8 Inside of EUT

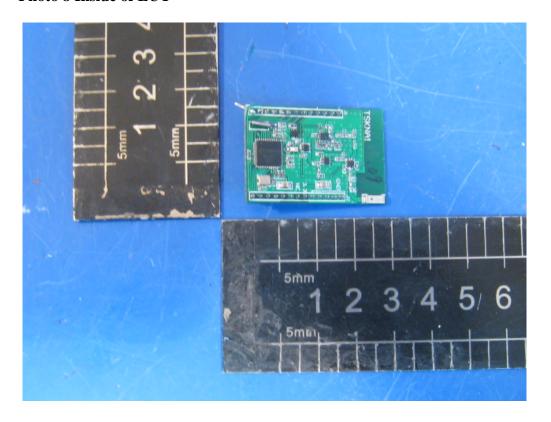


Photo 9 Inside of EUT

