

FCC TEST REPORT

for

Shenzhen KTC Technology Co., Ltd.

8" PAD

Model Number: 800P***(* can be A-Z or 0-9 or blank to denote various customer demand)

FCC ID: ROU00003

Prepared for : SHENZHEN KTC TECHNOLOGY CO., LTD.
Address : Northern Wuhe Road, Gangtou, Buji, Longgang,
Shenzhen, China

Prepared by : Keyway Testing Technology Co., Ltd.
Address : Baishun Industrial Zone, Zhangmutou Town,
Dongguan, Guangdong, China

Tel: 86-769-8718 2258

Fax: 86-769-8718 1058

Report No. : 13KWE07720F

Date of Test : Jul. 3~ 13, 2013

Date of Report : Jul. 15, 2013

TABLE OF CONTENTS

Test Report Declaration	Page
1. TEST SUMMARY	4
2. GENERAL PRODUCT INFORMATION	5
2.1. Product Function	5
2.2. Description of Device (EUT)	5
2.3. Difference between Model Numbers.....	6
2.4. Independent Operation Modes	6
2.5. Test Supporting System	6
3. TEST SITES	8
3.1. Test Facilities.....	8
3.2. List of Test and Measurement Instruments.....	9
4. TEST SET-UP AND OPERATION MODES.....	10
4.1. Principle of Configuration Selection	10
4.2. Block Diagram of Test Set-up	10
4.3. Test Operation Mode and Test Software	10
4.4. Special Accessories and Auxiliary Equipment	10
4.5. Countermeasures to Achieve EMC Compliance.....	10
5. EMISSION TEST RESULTS.....	11
5.1. Conducted Emission at the Mains Terminals Test.....	11
5.2. Radiated Emission Test.....	18
6. PHOTOGRAPHS OF TEST SET-UP.....	27
6.1. Set-up for Conducted Emission at the Mains Terminals Test	27
6.2. Set-up for Radiated Emission Test(Below 1G)	29
6.3. Set-up for Radiated Emission Test(Above 1G).....	30
7. PHOTOGRAPHS OF THE EUT.....	31

Keyway Testing Technology Co., Ltd.

Applicant:	SHENZHEN KTC TECHNOLOGY CO., LTD.		
Address:	Northern Wuhe Road, Gangtou, Buji, Longgang, Shenzhen, China		
Manufacturer:	SHENZHEN KTC TECHNOLOGY CO., LTD.		
Address:	Northern Wuhe Road, Gangtou, Buji, Longgang, Shenzhen, China		
E.U.T:	8" PAD		
Model Number:	800P***(* can be A-Z or 0-9 or blank to denote various customer demand)		
Trade Name:	-----	Serial No.:	-----
Date of Receipt:	Jul. 3, 2013	Date of Test:	Jul. 3~ 13, 2013
Test Specification:	FCC Part 15, Subpart B: Oct. 1, 2012 ANSI C63.4:2009		
Test Result:	The equipment under test was found to be compliance with the requirements of the standards applied.		
	Issue Date: Jul. 15, 2013		
Tested by:	Reviewed by:	Approved by:	
 <hr style="width: 100%;"/>	 <hr style="width: 100%;"/>	 <hr style="width: 100%;"/>	
Andy Gao / Engineer	Jade Yang / Supervisor	Chris Du / Manager	
Other Aspects:	None.		
<i>Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested</i>			
<i>This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Keyway Testing Technology Co., Ltd.</i>			

1. TEST SUMMARY

Test Items	Test Requirement	Uncertainty	Result
Conducted Emissions	15.107 ANSI C63.4	$\pm 2.6\text{dB}$	PASS
Radiated Emissions	15.109 15.249 ANSI C63.4	$\pm 3.6\text{dB}$	PASS

2. GENERAL PRODUCT INFORMATION

2.1. Product Function

Refer to Technical Construction Form and User Manual.

2.2. Description of Device (EUT)

Product Name:	8" PAD
Model No.:	800P***(* can be A-Z or 0-9 or blank to denote various customer demand)
Operation Frequency:	Bluetooth:2402~2480MHz WIFI:2412MHz~2462MHz (802.11b/802.11g/802.11n(H20)) 2422MHz~2452MHz (802.11n(H40)) GSM 850MHz: Tx: 824.20 - 848.80MHz (at intervals of 200kHz); Rx: 869.20 - 893.80MHz (at intervals of 200kHz) GSM 1900MHz: Tx: 1850.20 - 1909.80MHz (at intervals of 200kHz); Rx: 1930.20 - 1989.80MHz (at intervals of 200kHz) WCDMA 850MHz Tx: 826.4 - 846.6MHz (at intervals of 00kHz); Rx: 871.4 - 891.6MHz (at intervals of 200kHz)
Channel numbers:	Bluetooth:79 Channels WIFI:13 Channel for 802.11b/g/n(HT20), 7 Channel for 802.11n(HT40)
Channel separation:	Bluetooth:1M WIFI:5M
Modulation technology:	Bluetooth: FHSS(GFSK 1Mbps),Pi/4DQPSK(EDR 2Mbps), 8-DQPSK(EDR 3Mbps) WIFI: Direct Sequence Spread Spectrum (DSSS) Orthogonal Frequency Division Multiplexing(OFDM) GSM/GPRS Mode with GMSK Modulation WCDMA Mode with QPSK Modulation HSDPA Mode with QPSK Modulation HSUPA Mode with QPSK Modulation
Antenna Type:	Integral(BT &WIFI) PIFA Antenna (GSM&WCDMA)
Antenna gain:	3.4dBi (BT &WIFI) -2.42dBi (GSM&WCDMA)
Power supply:	DC 5V from adapter
Multislot Class	12
EGPRS Class	12

Adapter	
Description	: Switching Adapter
M/N	: ASSA1b-050200
System Input Voltage	: AC 100-240V/50-60Hz `
Current	: 0.45A
Power	: 10W
DC Line	: Unshielded, Undetachable 1.2m

2.3. Difference between Model Numbers

Note: 800P*** (800: express screen size is 8 inches; "P": express Pad; * can be any alphanumeric represent different customer code or the sales area, not affect the product performance)

2.4. Independent Operation Modes

The basic operation modes are:

2.4.1. Playing colour bar with 1kHz signal(TF)

2.4.2. Playing colour bar with 1kHz signal

2.4.3. Data transmitting

Note: TF means TF card

2.5. Test Supporting System

2.5.1. Earphone Cable

Manufacturer:	SAMSUNG
M/N:	KW Cable 12#
Data Cable:	Unshielded, Undetachable, 1.0m

2.5.2. TF card

Manufacturer:	HC
M/N:	11089060470CV

2.5.3. PC

Manufacturer:	DELL
M/N:	DCNE1F
S/N:	13XHTD2Y
Power Cord:	Unshielded, Detachable, 1.5m

2.5.4. Monitor

Manufacturer:	acer
M/N:	V193WV
S/N:	13302205442
Power Cord:	Unshielded, Detachable, 1.5m
Data Cable:	Unshielded, Detachable, 1.5m

2.5.5. Mouse

Manufacturer:	DELL
M/N:	MS111-L
Data Cable:	Unshielded, Undetachable, 1.5m

2.5.6. Keyboard

Manufacturer: DELL
M/N: KB212-B
Data Cable: Unshielded, Undetachable, 1.8m

3. TEST SITES

3.1. Test Facilities

Lab Qualifications : 944 Shielded Room built by ETS-Lindgren, USA
Date of completion: March 28, 2011

966 Chamber built by ETS-Lindgren, USA
Date of completion: March 28, 2011

Certificated by TUV Rheinland, Germany.
Registration No.: UA 50207153
Date of registration: July 13, 2011

Certificated by UL, USA
Registration No.: 100567237
Date of registration: September 5, 2012

Certificated by Intertek
Registration No.: 2011-RTL-L1-31
Date of registration: October 11, 2011

Certificated by Industry Canada
Registration No.: 9868A
Date of registration: December 8, 2011

Certificated by FCC, USA
Registration No.: 370994
Date of registration: February 21, 2012

Certificated by CNAS China
Registration No.: CNAS L5783
Date of registration: August 8, 2012

Name of Firm : Keyway Testing Technology Co., Ltd.

Site Location : Baishun Industrial Zone, Zhangmutou Town,
Dongguan, Guangdong, China

3.2. List of Test and Measurement Instruments

3.2.1. For conducted emission at the mains terminals test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCI	101156	May 9,13	May 9,14
Artificial Mains Network	Rohde&Schwarz	ENV216	101315	May 9,13	May 9,14
Artificial Mains Network (AUX)	Rohde&Schwarz	ENV216	101314	May 9,13	May 9,14
RF Cable	FUJIKURA	3D-2W	944 Cable	May 9,13	May 9,14

3.2.2. For radiated emission test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCI	101156	May 9,13	May 9,14
System Simulator	Agilent	E5515C	GB43130245	May 9,13	May 9,14
Power Splitter	Weinschel	1506A	NW425	May 9,13	May 9,14
Bilog Antenna	ETS-LINDGREEN	3142D	135452	May 20,13	May 20,14
Spectrum Analyzer	Agilent	E4411B	MY4511304	May 9,13	May 9,14
3m Semi-anechoic Chamber	ETS-LINDGREEN	966	KW01	May 9,13	May 9,14
Signal Amplifier	SONOMA	310	187016	May 9,13	May 9,14
Signal Amplifier	Agilent	8449B	3008A00251	May 9,13	May 9,14
RF Cable	IMRO	IMRO-400	966 Cable 1#	N/A	N/A
MULTI-DEVICE Controller	ETS-LINDGREEN	2090	126913	N/A	N/A
Horn Antenna	DAZE	ZN30701	11003	May. 11,13	May. 11,14
Horn Antenna	SCHWARZBECK	BBHA9170	9170-068	May. 11,13	May. 11,14
Spectrum Analyzer	Agilent	8593E	3911A04271	May. 9,13	May. 9,14
Spectrum Analyzer	Agilent	E4408B	MY44211125	May. 9,13	May. 9,14
Signal Amplifier	DAZE	ZN3380C	11001	May. 9,13	May. 9,14
High Pass filter	Micro	HPM50111	324216	May. 9,13	May. 9,14
Filter	COM-MW	ZBSF-C836.5-25-X	KW032	May. 9,13	May. 9,14
Filter	COM-MW	ZBSF-C1747.5-75-X2	KW035	May. 9,13	May. 9,14
Filter	COM-MW	ZBSF-C1880-60-X2	KW037	May. 9,13	May. 9,14
Power Meter	R&S	NRVS	101824	May. 9,13	May. 9,14
Peak and Avg Power Sensor	Rohde&Schwarz	URV5-Z7	100655	May. 9,13	May. 9,14
DC Power Supply	LongWei	PS-305D	010964729	May 9,13	May 9,14
Constant temperature and humidity box	GF	GTH-800-40-1P	MAA9906-005	May 9,13	May 9,14

4. TEST SET-UP AND OPERATION MODES

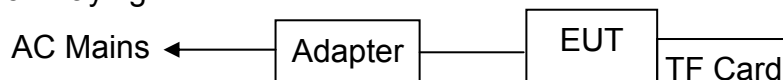
4.1. Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the Operating Instructions.

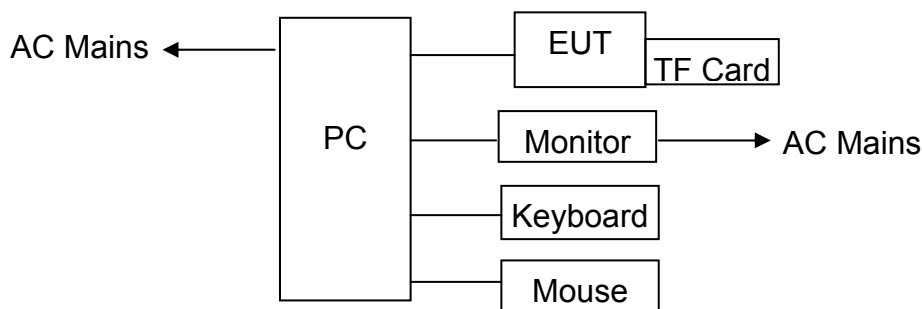
4.2. Block Diagram of Test Set-up

System Diagram of Connections between EUT and Simulators

For Playing



For Data transmitting



Note: test setup photo only show playing mode.

(EUT: 8" PAD)

4.3. Test Operation Mode and Test Software

Refer to Test Setup in clause 4.

4.4. Special Accessories and Auxiliary Equipment

None.

4.5. Countermeasures to Achieve EMC Compliance

None.

5. EMISSION TEST RESULTS

5.1. Conducted Emission at the Mains Terminals Test

Result : **Pass**
 Test Procedure : ANSI C63.4:2009
 Frequency Range : 0.15 to 30 MHz
 Test Site : 944 Shielded Room
 Limits : FCC Part 15, Subpart B: Oct. 1, 2012

Test Setup

Date of Test : Jul. 8, 2013
 M/N : 800P11B
 Input Voltage : DC 5V from adapter input AC 120V/60Hz;
 DC 5V from PC input AC 120V/60Hz
 Operation Mode : Playing colour bar with 1kHz signal(TF);
 Playing colour bar with 1kHz signal
 Data transmitting

The EUT was put on a wooden table which was 0.8 m high above the ground and connected to the AC mains through the Artificial Mains Network (AMN). Where the mains cable supplied by the manufacture was longer than 1 m, the excess was folded back and forth parallel to the cable at the centre so as to form a bundle no longer than 0.4 m.

The EUT was kept 0.4 m from any other earthed conducting surface. Both sides of AC line were checked to find out the maximum conducted emission levels according to the test procedure during the conducted emission test.

The frequency range from 150 kHz to 30 MHz was investigated.

The bandwidth of the test receiver was set at 9 kHz.

The test data of the worst case condition(s) was reported on the following page.

Note

1. Measurement Uncertainty: ± 2.6 dB at a level of confidence of 95%.

Test Data



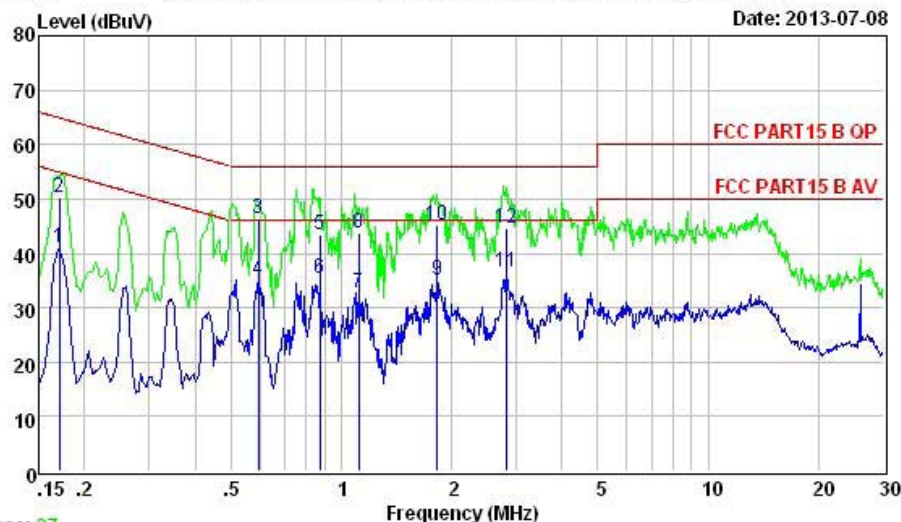
**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 28

File: F:\944 Data\conduction\13Report\13KW060701SS-PAD.EM6 (60)

Date: 2013-07-08



Trace: 27

Site : 944 Shielded Room
Condition : FCC PART15 B QP NEUTRAL
EUT : 8" PAD
POWER : DC 5V from adapter input AC 120V/60Hz
M/N : 800P11B
Test Engineer: Andy
Comment : Temp:24.9'; Humi:56%; Press:101.52kPa
Test Mode : Playing colour bar with 1kHz signal

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	dBuV	dB	
1	0.170	40.90	54.94	-14.04	Average
2	0.170	50.30	64.94	-14.64	QP
3	0.595	46.30	56.00	-9.70	QP
4	0.595	35.16	46.00	-10.84	Average
5	0.876	43.50	56.00	-12.50	QP
6	0.876	35.47	46.00	-10.53	Average
7	1.117	32.82	46.00	-13.18	Average
8	1.117	43.60	56.00	-12.40	QP
9	1.829	35.00	46.00	-11.00	Average
10	1.829	45.10	56.00	-10.90	QP
11	2.824	36.65	46.00	-9.35	Average
12	2.824	44.60	56.00	-11.40	QP

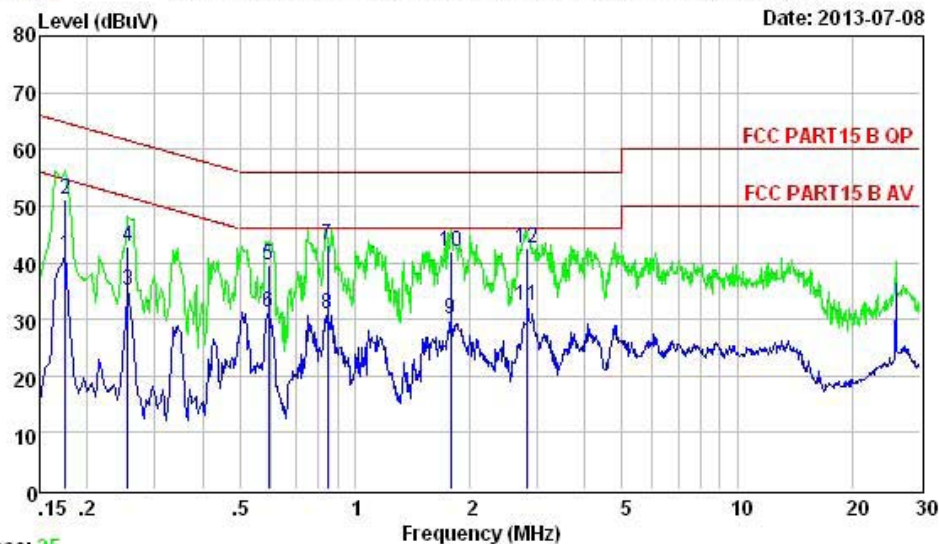


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 26 File: F:\944 Data\conduction\13Report\13KW060701SS-PAD.EM6 (60)

Date: 2013-07-08



Trace: 25

Site : 944 Shielded Room
Condition : FCC PART15 B QP LINE
EUT : 8" PAD
POWER : DC 5V from adapter input AC 120V/60Hz
M/N : 800P11B
Test Engineer: Andy
Comment : Temp:24.9'; Humi:56%; Press:101.52kPa
Test Mode : Playing colour bar with 1kHz signal

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	dBuV	dB	
1	0.175	41.34	54.72	-13.38	Average
2	0.175	51.30	64.72	-13.42	QP
3	0.255	35.15	51.60	-16.45	Average
4	0.255	42.80	61.60	-18.80	QP
5	0.595	39.60	56.00	-16.40	QP
6	0.595	31.35	46.00	-14.65	Average
7	0.848	43.10	56.00	-12.90	QP
8	0.848	30.93	46.00	-15.07	Average
9	1.781	29.95	46.00	-16.05	Average
10	1.781	41.90	56.00	-14.10	QP
11	2.824	32.42	46.00	-13.58	Average
12	2.824	42.60	56.00	-13.40	QP

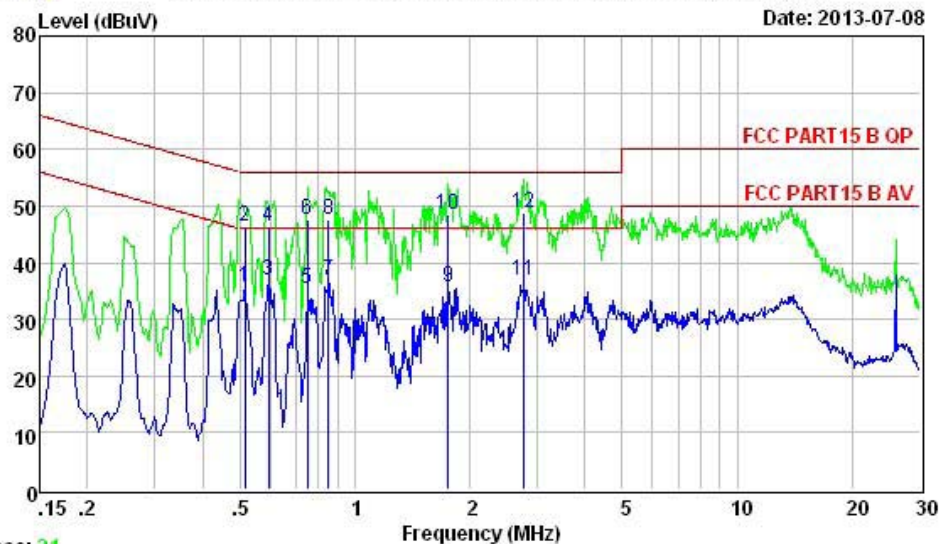


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 22 File: F:\944 Data\conduction\13Report\13KW060701SS-PAD.EM6 (60)

Date: 2013-07-08



Trace: 21

Site : 944 Shielded Room
Condition : FCC PART15 B QP NEUTRAL
EUT : 8" PAD
POWER : DC 5V from adapter input AC 120V/60Hz
M/N : 800P11B
Test Engineer: Andy
Comment : Temp:24.9'; Humi:56%; Press:101.52kPa
Test Mode : Playing colour bar with 1kHz signal (TF)

			Limit	Over	
Freq	Level	Line	Limit	Remark	
MHz	dBuV	dBuV	dB		
1	0.516	35.55	46.00	-10.45	Average
2	0.516	46.26	56.00	-9.74	QP
3	0.595	36.75	46.00	-9.25	Average
4	0.595	46.33	56.00	-9.67	QP
5	0.751	35.45	46.00	-10.55	Average
6	0.751	47.54	56.00	-8.46	QP
7	0.853	36.99	46.00	-9.01	Average
8	0.853	47.72	56.00	-8.28	QP
9	1.753	35.79	46.00	-10.21	Average
10	1.753	48.51	56.00	-7.49	QP
11	2.765	36.86	46.00	-9.14	Average
12	2.765	48.67	56.00	-7.33	QP

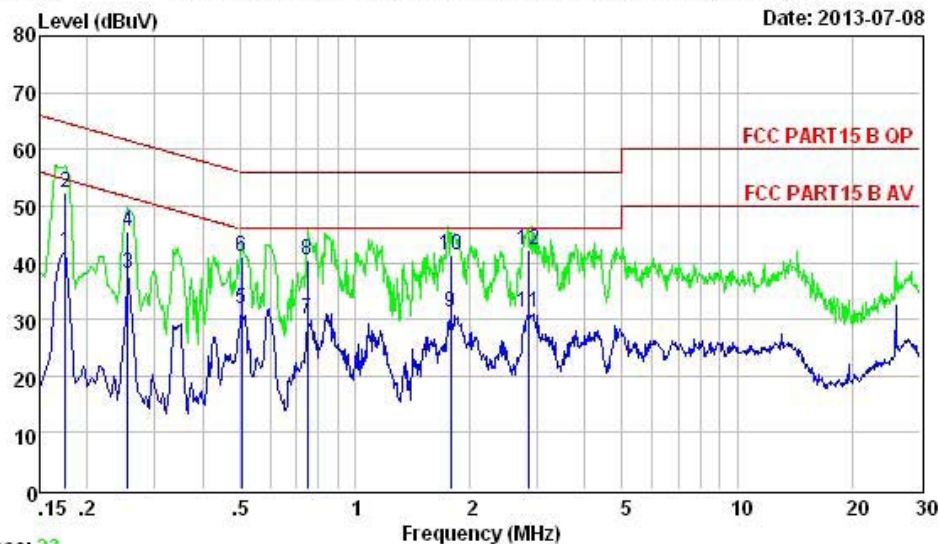


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 24 File: F:\944 Data\conduction\13Report\13KW060701SS-PAD.EM6 (60)

Date: 2013-07-08



Trace: 23

Site : 944 Shielded Room
Condition : FCC PART15 B QP LINE
EUT : 8" PAD
POWER : DC 5V from adapter input AC 120V/60Hz
M/N : 800P11B
Test Engineer: Andy
Comment : Temp:24.9'; Humi:56%; Press:101.52kPa
Test Mode : Playing colour bar with 1kHz signal (TF)

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	Line	Limit	dB
1	0.175	41.98	54.72	-12.74	Average
2	0.175	52.34	64.72	-12.38	QP
3	0.255	37.97	51.60	-13.63	Average
4	0.255	45.38	61.60	-16.22	QP
5	0.505	31.77	46.00	-14.23	Average
6	0.505	41.01	56.00	-14.99	QP
7	0.751	30.10	46.00	-15.90	Average
8	0.751	40.36	56.00	-15.64	QP
9	1.781	31.12	46.00	-14.88	Average
10	1.781	41.37	56.00	-14.63	QP
11	2.854	31.10	46.00	-14.90	Average
12	2.854	42.35	56.00	-13.65	QP

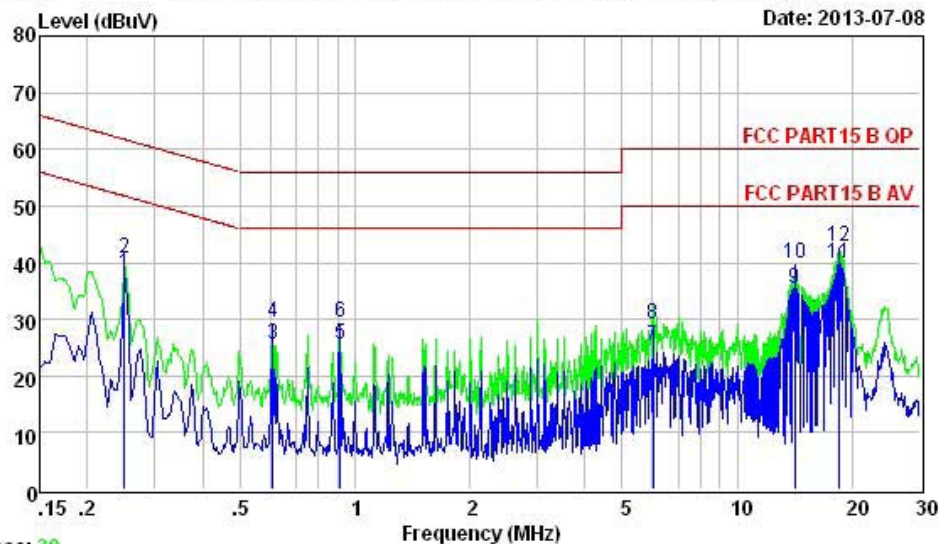


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 40 File: F:\944 Data\conduction\13Report\13KW060701SS-PAD.EM6 (60)

Date: 2013-07-08



Trace: 39

Site : 944 Shielded Room
Condition : FCC PART15 B QP LINE
EUT : 8" PAD
POWER : DC 5V from PC input AC 120V/60Hz
M/N : 800P11B
Test Engineer: Andy
Comment : Temp:24.9'; Humi:56%; Press:101.52kPa
Test Mode : Data transmitting

	Freq	Level	Limit	Over	Remark
	MHz	dBuV	Line	Limit	dB
1	0.249	37.94	51.78	-13.84	Average
2	0.249	40.87	61.78	-20.91	QP
3	0.611	25.55	46.00	-20.45	Average
4	0.611	29.45	56.00	-26.55	QP
5	0.914	25.49	46.00	-20.51	Average
6	0.914	29.45	56.00	-26.55	QP
7	6.024	25.33	50.00	-24.67	Average
8	6.024	29.15	60.00	-30.85	QP
9	14.138	35.47	50.00	-14.53	Average
10	14.138	39.78	60.00	-20.22	QP
11	18.426	39.94	50.00	-10.06	Average
12	18.426	42.75	60.00	-17.25	QP

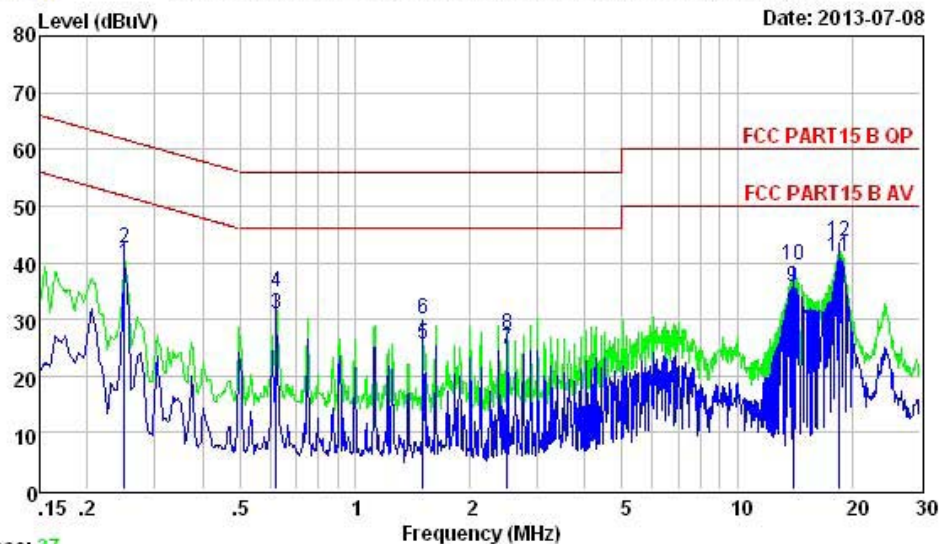


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 38 File: F:\944 Data\conduction\13Report\13KW060701SS-PAD.EM6 (60)

Date: 2013-07-08



Trace: 37

Site : 944 Shielded Room
Condition : FCC PART15 B QP NEUTRAL
EUT : 8" PAD
POWER : DC 5V from PC input AC 120V/60Hz
M/N : 800P11B
Test Engineer: Andy
Comment : Temp:24.9'; Humi:56%; Press:101.52kPa
Test Mode : Data transmitting

			Limit	Over	
	Freq	Level	Line	Limit	Remark
	MHz	dBuV	dBuV	dB	
1	0.249	39.95	51.78	-11.83	Average
2	0.249	42.50	61.78	-19.28	QP
3	0.624	31.00	46.00	-15.00	Average
4	0.624	34.78	56.00	-21.22	QP
5	1.503	25.70	46.00	-20.30	Average
6	1.503	30.12	56.00	-25.88	QP
7	2.500	24.77	46.00	-21.23	Average
8	2.500	27.45	56.00	-28.55	QP
9	13.989	35.68	50.00	-14.32	Average
10	13.989	39.46	60.00	-20.54	QP
11	18.524	41.10	50.00	-8.90	Average
12	18.524	43.78	60.00	-16.22	QP

5.2. Radiated Emission Test

Result	: Pass
Test Procedure	: ANSI C63.4:2009
Frequency Range	: 30 to 1000 MHz
Test Site	: 966 Chamber
Limits	: FCC Part 15, Subpart B: Oct. 1, 2012

Test Setup

Date of Test	: Jul. 7, 2013
M/N	: 800P11B
Input Voltage	: DC 5V from adapter input AC 120V/60Hz; DC 5V from PC input AC 120V/60Hz
Operation Mode	: Playing colour bar with 1kHz signal(TF); Playing colour bar with 1kHz signal Data transmitting

The EUT was placed on a turn table which was 0.8 m above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 m away from the receiving antenna which was mounted on an antenna tower. The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 m to 4 m for both horizontal and vertical polarizations.

The highest frequency of the internal sources of the EUT is 2.4 GHz , the measurement shall be made up 12 GHz.

The EUT was tested in the Chamber Site. It was pre-scanned with a Peak detector from the spectrum, and all the final readings from the test receiver were measured with the Quasi-Peak detector.

The bandwidth of the EMI test receiver is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz.

We pretest all mode in 30MHz to 1GHz, The worst mode was data transmitting, so the data above 1GHz only show data transmitting.

Notes:

1. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamplifier Factor.
2. Measurement Uncertainty: ± 3.6 dB at a level of confidence of 95%.

Test Data



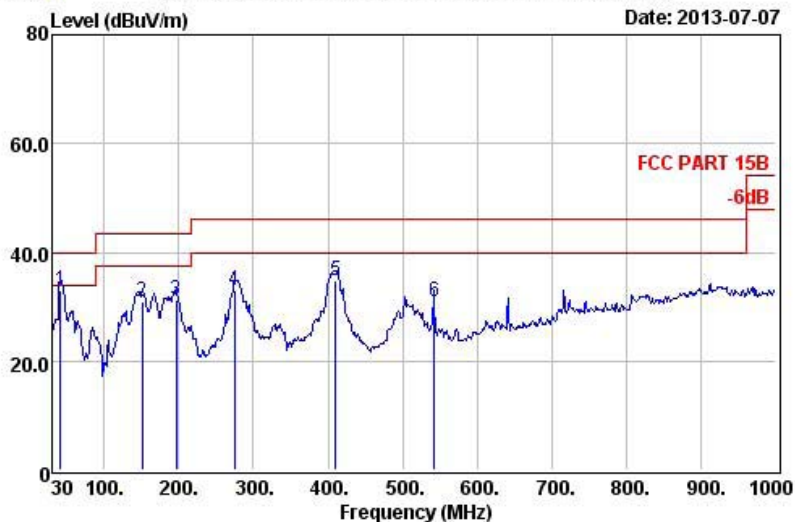
**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 51

File: D:\966 data\13Report\13KW070601SS-PAD.EM6 (58)

Date: 2013-07-07



Site : 966 Chamber
Condition: FCC PART 15B 3m 3142D VERTICAL
EUT : 8" PAD
M/N : 800P11B
Power : DC 5V from adapter input AC 120V/60Hz
Test By : Andy
Comment : Temp:24.9'C Humi:56% Press:101.52kPa
Test Mode: Playing colour bar with 1kHz signal

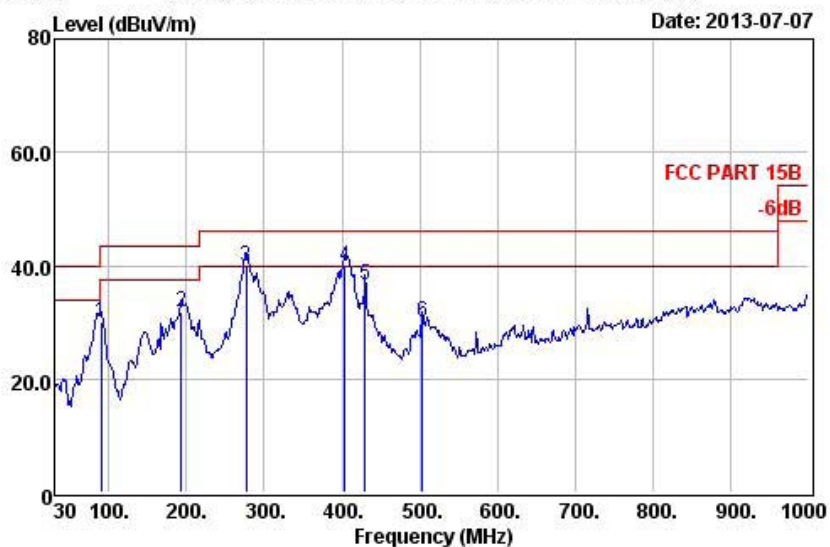
		Preamp	Read	Cable	Antenna		Limit	Over	
	Freq	Factor	Level	Loss	Factor	Level	Line	Limit	Remark
	MHz		dB	dBuV	dB	dB/m	dBuV/m	dBuV/m	dB
1	41.64	31.38	51.70	0.56	12.23	33.11	40.00	-6.89	QP
2	151.25	31.25	51.85	1.22	9.02	30.84	43.50	-12.66	QP
3	196.84	31.11	50.20	1.46	10.72	31.27	43.50	-12.23	QP
4	274.44	30.95	49.18	1.78	13.00	33.01	46.00	-12.99	QP
5	410.24	30.64	46.21	2.48	16.63	34.68	46.00	-11.32	QP
6	542.16	30.82	39.25	3.03	19.41	30.87	46.00	-15.13	QP



**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 52 File: D:\966 data\13Report\13KW070601SS-PAD.EM6 (58)



Site : 966 Chamber
Condition: FCC PART 15B 3m 3142D HORIZONTAL
EUT : 8" PAD
M/N : 800P11B
Power : DC 5V from adapter input AC 120V/60Hz
Test By : Andy
Comment : Temp:24.9'C Humi:56% Press:101.52kPa
Test Mode: Playing colour bar with 1kHz signal

		Preamp	Read	Cable	Antenna	Limit	Over	
	Freq	Factor	Level	Loss	Factor	Level	Line	Limit Remark
	MHz		dB	dB	dB/m	dBuV/m	dBuV/m	dB
1	90.14	31.35	51.24	0.94	9.11	29.94	43.50	-13.56 QP
2	192.96	31.12	51.17	1.46	10.37	31.88	43.50	-11.62 QP
3	277.35	30.94	55.95	1.78	13.08	39.87	46.00	-6.13 QP
4	403.45	30.63	51.79	2.37	16.41	39.94	46.00	-6.06 QP
5	429.64	30.62	47.37	2.55	17.19	36.49	46.00	-9.51 QP
6	503.36	30.60	38.90	2.85	18.77	29.92	46.00	-16.08 QP

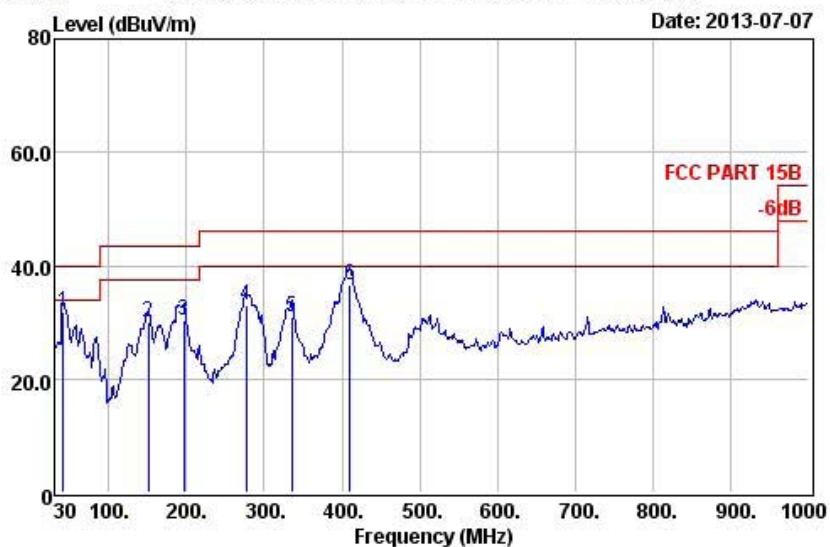


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 53

File: D:\966 data\13Report\13KW070601SS-PAD.EM6 (58)



Site : 966 Chamber
Condition: FCC PART 15B 3m 3142D VERTICAL
EUT : 8" PAD
M/N : 800P11B
Power : DC 5V from adapter input AC 120V/60Hz
Test By : Andy
Comment : Temp:24.9°C Humi:56% Press:101.52kPa
Test Mode: Playing colour bar with 1kHz signal(TF)

		Preamp	Read	Cable	Antenna	Limit	Over	
	Freq	Factor	Level	Loss	Factor	Level	Line	Limit Remark
	MHz		dB	dB	dB/m	dBuV/m	dBuV/m	dB
1	41.64	31.38	50.30	0.56	12.23	31.71	40.00	-8.29 QP
2	151.25	31.25	51.06	1.22	9.02	30.05	43.50	-13.45 QP
3	196.84	31.11	49.15	1.46	10.72	30.22	43.50	-13.28 QP
4	277.35	30.94	49.11	1.78	13.08	33.03	46.00	-12.97 QP
5	335.55	30.74	44.61	2.10	14.92	30.89	46.00	-15.11 QP
6	410.24	30.64	48.05	2.48	16.63	36.52	46.00	-9.48 QP

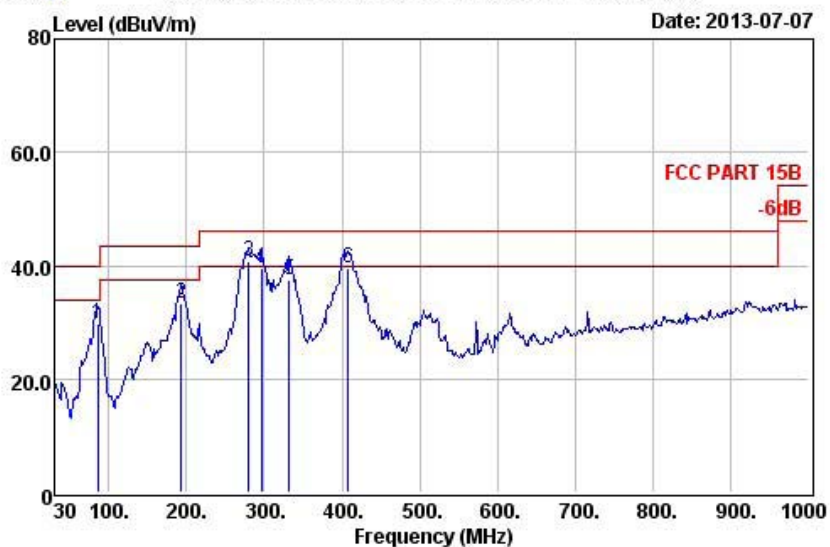


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 54

File: D:\966 data\13Report\13KW070601SS-PAD.EM6 (58)



Site : 966 Chamber
Condition: FCC PART 15B 3m 3142D HORIZONTAL
EUT : 8" PAD
M/N : 800P11B
Power : DC 5V from adapter input AC 120V/60Hz
Test By : Andy
Comment : Temp:24.9'C Humi:56% Press:101.52kPa
Test Mode: Playing colour bar with 1kHz signal(TF)

		Preamp	Read	Cable	Antenna	Limit	Over	
	Freq	Factor	Level	Loss	Factor	Level	Line	Limit Remark
	MHz		dB	dB	dB/m	dBuV/m	dBuV/m	dB
1	86.26	31.35	51.52	0.94	8.69	29.80	40.00	-10.20 QP
2	192.96	31.12	52.75	1.46	10.37	33.46	43.50	-10.04 QP
3	280.26	30.94	56.68	1.78	13.17	40.69	46.00	-5.31 QP
4	296.75	30.93	54.87	1.87	13.70	39.51	46.00	-6.49 QP
5	332.64	30.76	51.44	2.02	14.81	37.51	46.00	-8.49 QP
6	408.30	30.63	51.06	2.48	16.57	39.48	46.00	-6.52 QP

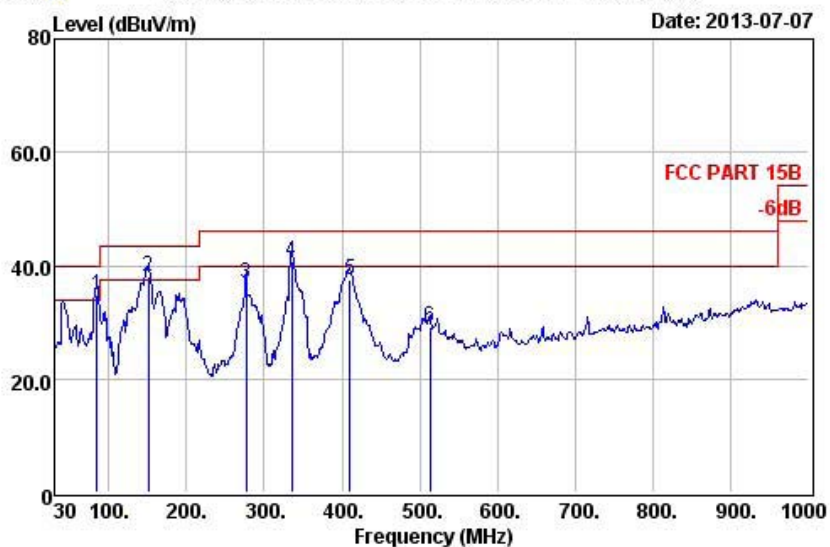


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 55

File: D:\966 data\13Report\13KW070601SS-PAD.EM6 (58)



Site : 966 Chamber
Condition: FCC PART 15B 3m 3142D VERTICAL
EUT : 8" PAD
M/N : 800P11B
Power : DC 5V from PC input AC 120V/60Hz
Test By : Andy
Comment : Temp:24.9'C Humi:56% Press:101.52kPa
Test Mode: Data transmitting

		Preamp	Read	Cable	Antenna	Limit	Over	
	Freq	Factor	Level	Loss	Factor	Level	Line	Limit Remark
	MHz		dB	dB	dB/m	dBuV/m	dBuV/m	dB
1 !	84.32	31.35	56.84	0.94	8.48	34.91	40.00	-5.09 QP
2 !	151.36	31.25	59.05	1.22	9.03	38.05	43.50	-5.45 QP
3	276.38	30.95	53.12	1.78	13.04	36.99	46.00	-9.01 QP
4 !	334.89	30.75	54.64	2.10	14.90	40.89	46.00	-5.11 QP
5	410.24	30.64	49.05	2.48	16.63	37.52	46.00	-8.48 QP
6	513.06	30.62	37.93	2.85	18.96	29.12	46.00	-16.88 QP

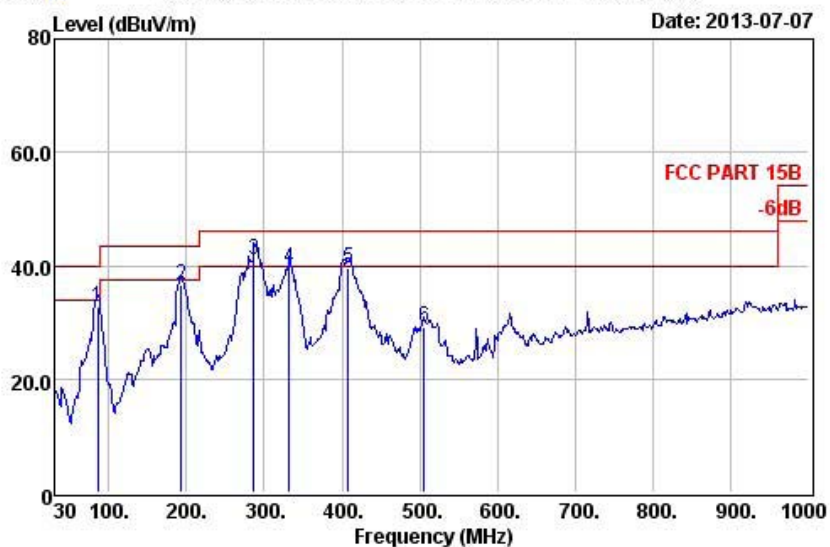


**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 56

File: D:\966 data\13Report\13KW070601SS-PAD.EM6 (58)



Site : 966 Chamber
Condition: FCC PART 15B 3m 3142D HORIZONTAL
EUT : 8" PAD
M/N : 800P11B
Power : DC 5V from PC input AC 120V/60Hz
Test By : Andy
Comment : Temp:24.9'C Humi:56% Press:101.52kPa
Test Mode: Data transmitting

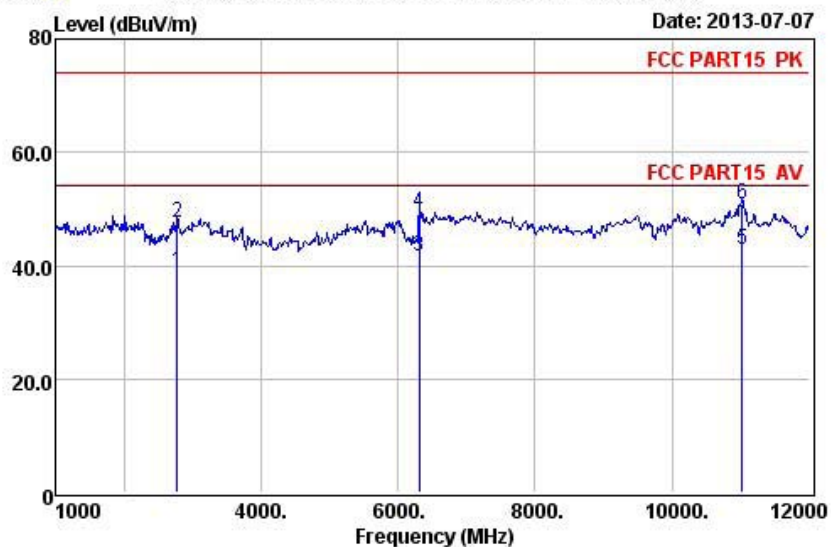
		Preamp	Read	Cable	Antenna	Limit	Over	
	Freq	Factor	Level	Loss	Factor	Level	Line	Limit Remark
	MHz		dB	dB	dB/m	dBuV/m	dBuV/m	dB
1	86.26	31.35	54.52	0.94	8.69	32.80	40.00	-7.20 QP
2	192.96	31.12	55.75	1.46	10.37	36.46	43.50	-7.04 QP
3	287.05	30.94	56.61	1.87	13.39	40.93	46.00	-5.07 QP
4	332.64	30.76	53.44	2.02	14.81	39.51	46.00	-6.49 QP
5	408.30	30.63	51.06	2.48	16.57	39.48	46.00	-6.52 QP
6	505.30	30.61	37.95	2.85	18.81	29.00	46.00	-17.00 QP



**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 57 File: D:\966 data\13Report\13KW070601SS-PAD.EM6 (58)



Site : 966 Chamber
Condition: FCC PART15 PK 3m ZN30701 HORIZONTAL
EUT : 8" PAD
M/N : 800P11B
Power : DC 5V from PC input AC 120V/60Hz
Test By : Andy
Comment : Temp:24.9'C Humi:56% Press:101.52kPa
Test Mode: Data transmitting

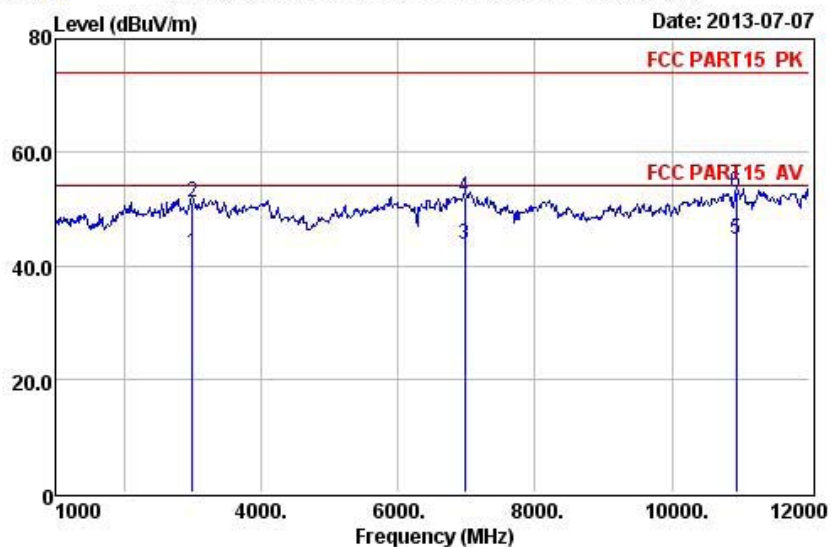
		Preamp	Read	Cable	Antenna	Limit	Over	
	Freq	Factor	Level	Loss	Factor	Level	Line	Limit Remark
	MHz		dB	dB	dB/m	dBuV/m	dBuV/m	dB
1	2776.00	26.43	27.02	8.84	29.44	38.87	54.00	-15.13 Average
2	2776.00	26.43	35.82	8.84	29.44	47.67	74.00	-26.33 Peak
3	6304.00	27.76	17.06	16.60	35.62	41.52	54.00	-12.48 Average
4	6304.00	27.76	24.82	16.60	35.62	49.28	74.00	-24.72 Peak
5	11020.00	28.90	14.90	17.17	39.51	42.68	54.00	-11.32 Average
6	11020.00	28.90	23.22	17.17	39.51	51.00	74.00	-23.00 Peak



**Keyway
Testing**

Keyway Testing Technology Co., Ltd.
Baishun Industrial Zone, Zhangmutou
Town, Dongguan, Guangdong, China
Tel: 0769-87182258
Fax: 0769-87181058
Mail: kwtest@keywaytest.com

Data: 58 File: D:\966 data\13Report\13KW070601SS-PAD.EM6 (58)



Site : 966 Chamber
Condition: FCC PART15 PK 3m ZN30701 VERTICAL
EUT : 8" PAD
M/N : 800P11B
Power : DC 5V from PC input AC 120V/60Hz
Test By : Andy
Comment : Temp:24.9'C Humi:56% Press:101.52kPa
Test Mode: Data transmitting

		Preamp	Read	Cable	Antenna	Limit	Over	
	Freq	Factor	Level	Loss	Factor	Level	Line	Limit Remark
	MHz		dB	dB	dB/m	dBuV/m	dBuV/m	dB
1	3004.00	26.50	28.75	9.93	30.00	42.18	54.00	-11.82 Average
2	3004.00	26.50	37.67	9.93	30.00	51.10	74.00	-22.90 Peak
3	6976.00	27.90	17.96	16.60	37.16	43.82	54.00	-10.18 Average
4	6976.00	27.90	26.17	16.60	37.16	52.03	74.00	-21.97 Peak
5	10936.00	28.89	16.87	17.15	39.46	44.59	54.00	-9.41 Average
6	10936.00	28.89	25.28	17.15	39.46	53.00	74.00	-21.00 Peak

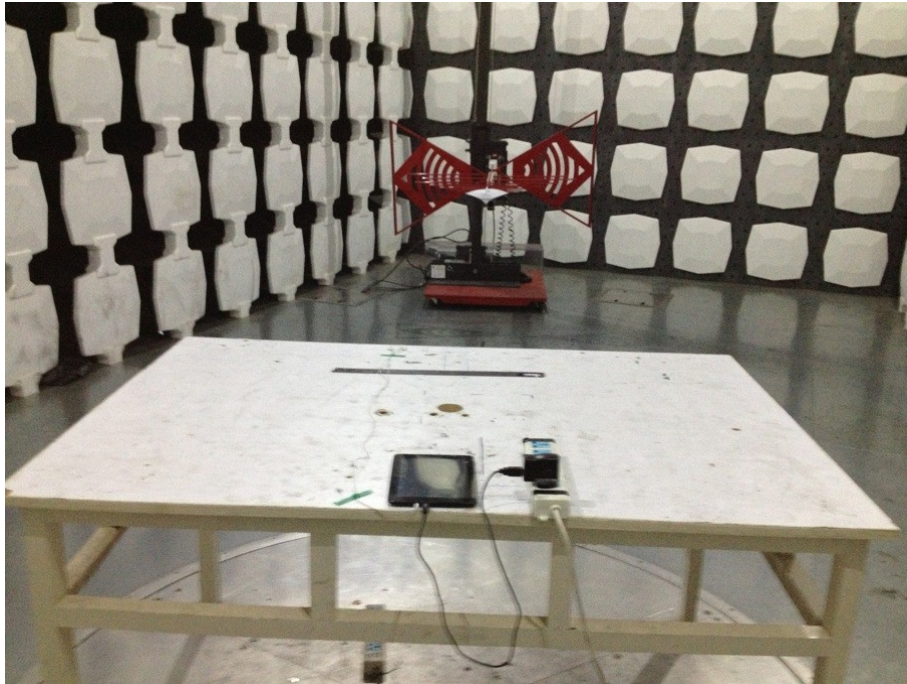
6. PHOTOGRAPHS OF TEST SET-UP

6.1. Set-up for Conducted Emission at the Mains Terminals Test

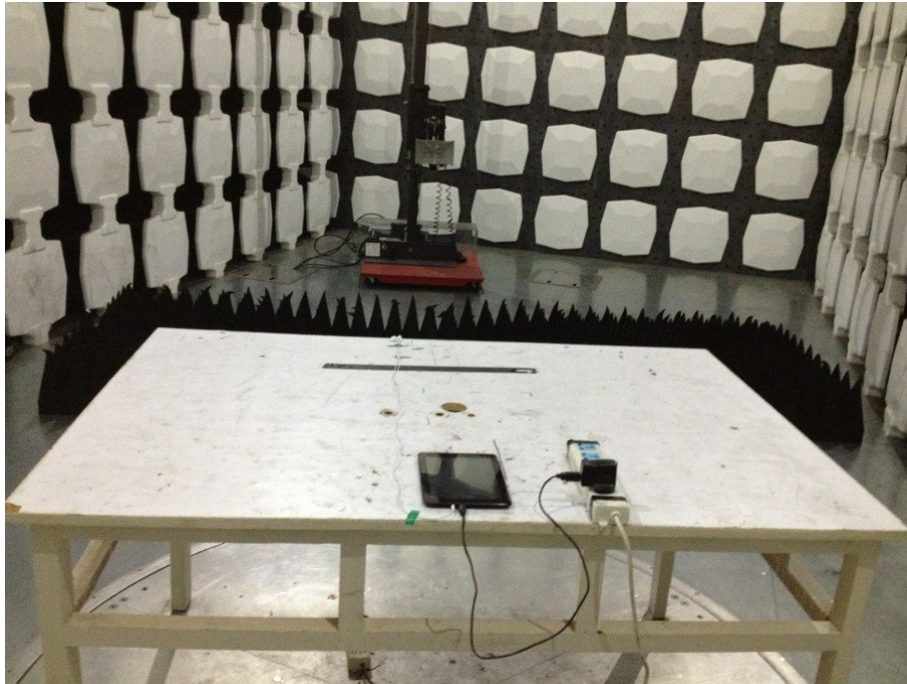




6.2. Set-up for Radiated Emission Test(Below 1G)



6.3. Set-up for Radiated Emission Test(Above 1G)



7. PHOTOGRAPHS OF THE EUT

Figure 1
General Appearance of the EUT

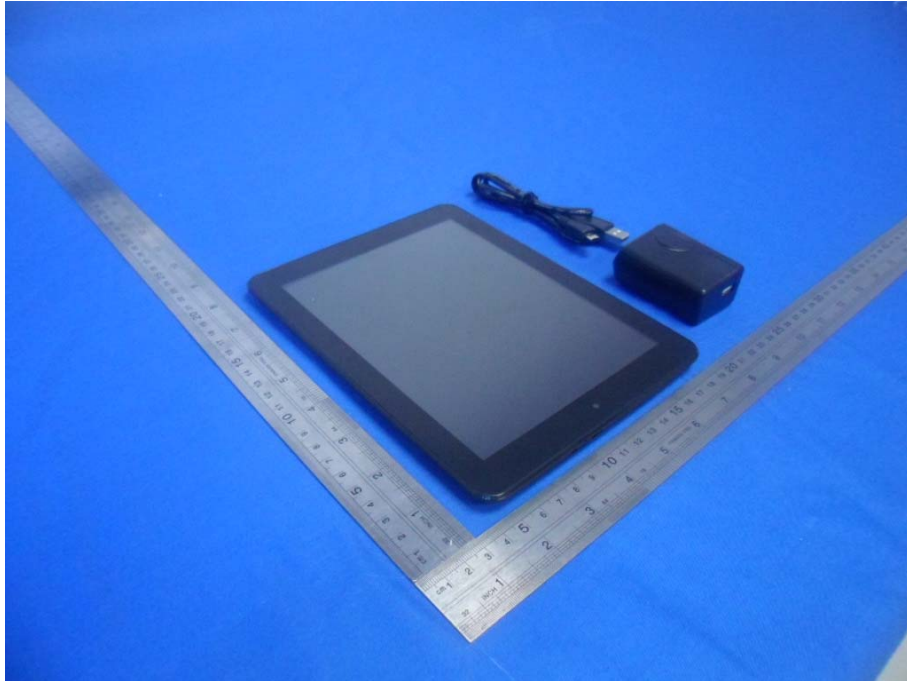


Figure 2
General Appearance of the EUT



Figure 3
General Appearance of the EUT



Figure 4
General Appearance of the EUT



Figure 5
General Appearance of the Adapter



Figure 6
General Appearance of the PCB



Figure 7
General Appearance of the PCB

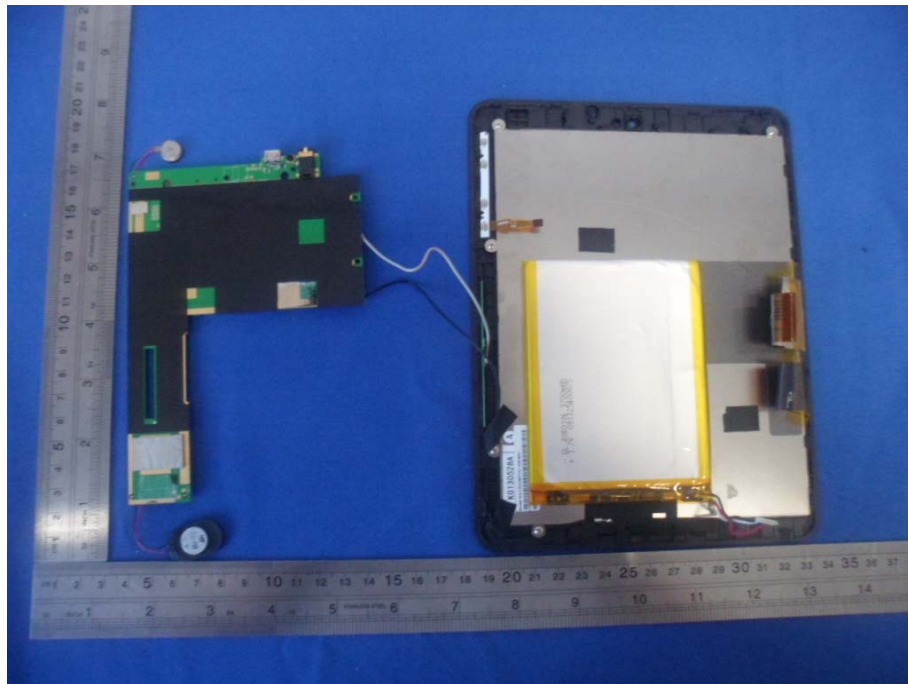


Figure 8
General Appearance of the PCB



Figure 9
General Appearance of the PCB

