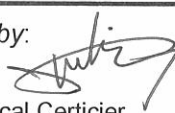


Prüfbericht-Nr.: Test Report No.:	17032143 001	Auftrags-Nr.: Order No.:	164003749	Seite 1 von 81 Page 1 of 81
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	22.03.2013	
Auftraggeber: Client:	KEEN HIGH TECHNOLOGIES LTD., Block A1 & A2, Ze Da Li Industrial Park, Tangwei Area, Fuyong, Bao'an, Shenzhen, Guangdong, China			
Prüfgegenstand: Test item:	Tablet			
Bezeichnung / Typ-Nr.: Identification / Type No.:	NS-14T004			
Auftrags-Inhalt: Order content:	FCC/IC Certification			
Prüfgrundlage: Test specification:	FCC CFR47 Part 15: Subpart C Section 15.247 FCC CFR47 Part 15: Subpart C Section 15.207 FCC CFR47 Part 15: Subpart C Section 15.209 RSS-210 Issue 8 December 2010 RSS-Gen Issue 3 December 2010			
Wareneingangsdatum: Date of receipt:	22.03.2013			
Prüfmuster-Nr.: Test sample No.:	N/A			
Prüfzeitraum: Testing period:	13.04.2013 - 20.04.2013			
Ort der Prüfung: Place of testing:	Accurate Technology Co., Ltd.			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
 09-06-2013 Owen Tian/Project Manager		 09-06-2013 Sam Lin/Technical Certifier		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:		Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
* Legende:	1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft			
	P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet			
Legend:	1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor			
	P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested			
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 20DB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH***RESULT: Pass***5.1.5 SPURIOUS EMISSION***RESULT: Pass***5.1.6 FREQUENCY SEPARATION***RESULT: Pass***5.1.7 NUMBER OF HOPPING FREQUENCY***RESULT: Pass***5.1.8 TIME OF OCCUPANCY***RESULT: Pass***5.1.9 CONDUCTED EMISSIONS***RESULT: Pass*

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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

(Test site Industry Canada No.: 5077A-2)

F1, Bldg. A, Changyuan New Material Port
Keyuan Rd., Science & Industry Park, Nanshan
Shenzhen, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Transmitter spurious emissions & Receiver spurious emissions				
Spectrum Analyzer	Agilent	E7405A	MY45115511	2014-01-06
Test Receiver	Rohde & Schwarz	ESCS30	100307	2014-01-06
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2014-01-06
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2014-01-06
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2014-01-06
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2014-01-06
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2014-01-06
RF Coaxial Cable	SUHNER	N-3m	No.8	2014-01-06
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2014-01-06
RF Coaxial Cable	SUHNER	N-6m	No.10	2014-01-06
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2014-01-06
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2014-01-06
Pre-Amplifier	Rohde & Schwarz	CBLU118354 0-01	3791	2014-01-06
Radio Spectrum Test				
Spectrum Analyzer	Rohde & Schwarz	ESPI3	100396/003	2014-01-06
Temp. & Humid. Chamber	Gongwen	HSD-500	0109	2014-01-06
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2014-01-06
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2014-01-06
L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	2014-01-06
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2014-01-06
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2014-01-06
RF Coaxial Cable	SUHNER	N-2m	No.3	2014-01-06

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Radio Spectrum	$< \pm 0.60 \text{ dB}$
Radiated emission of transmitter, valid up to 12.75 GHz	$< \pm 4.42 \text{ dB}$
Radiated emission of receiver, valid up to 12.75 GHz	$< \pm 4.42 \text{ dB}$
Conducted Emission	$< \pm 2.23 \text{ dB}$
Radiated Emission	$< \pm 4.42 \text{ dB}$

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The EUT is a 10.1" tablet with Wi-Fi, Bluetooth & GPS function.
For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT (Bluetooth)

Technical Specification	Value
Kind of Equipment	Tablet
Type Designation	NS-14T004
Operating Frequency band	2402 – 2480MHz
Bluetooth Version	2.1+EDR
Channel separation	1MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Antenna Gain	3.85dBi

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Bluetooth mode
 - 1. Transmitting
 - 2. Receiving
- B. Standby
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- | | |
|--------------------|----------------------|
| - Bill of Material | - Circuit Diagram |
| - PCB Layout | - Instruction Manual |
| - Photo Document | - Rating Label |

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2003.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	S/N	Rating
Notebook PC	Lenovo	4290-RT8	R9-FW93G	N/A
AC/DC Adapter	SHEN ZHEN JING QUAN HUA ELECTRONICS CO.,LTD	NSA12UU-050200	N/A	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5V, 2A

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of adapter	2 cores, non-shielded port, 3m	AC Power Input
Micro USB port	4 cores, non-shielded port, 3m	DC Power Input

4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

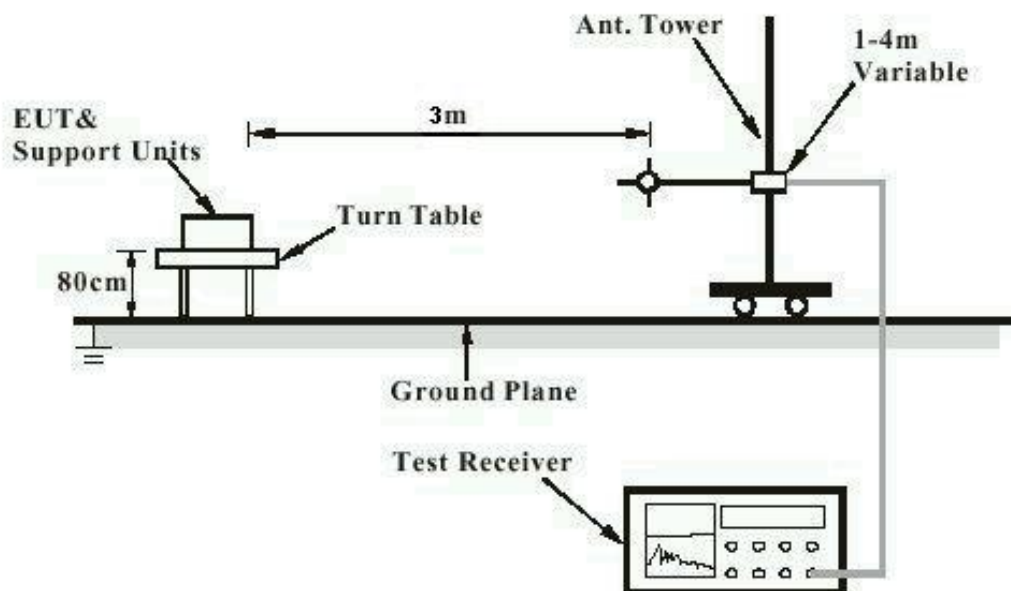


Diagram of Measurement Equipment Configuration for Conduction Measurement

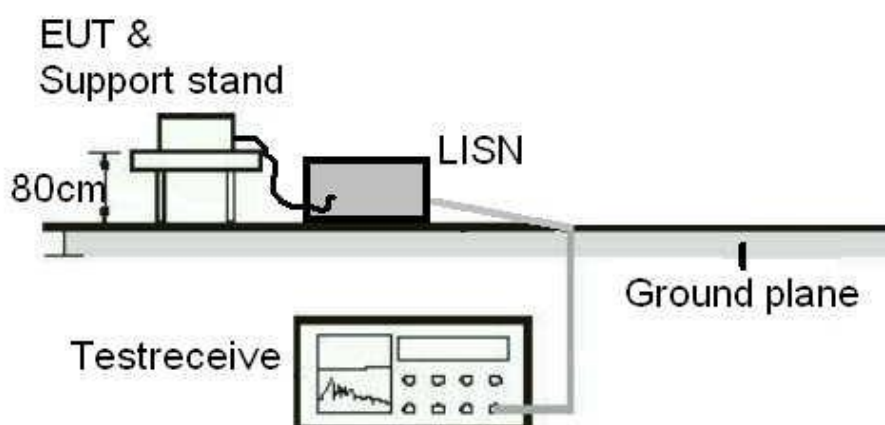
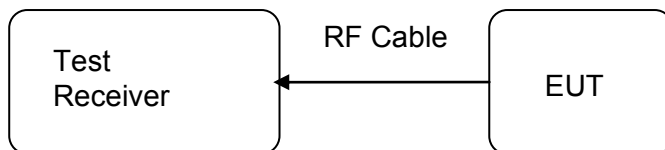


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	FCC Part 15.247(b)(4) and Part 15.203 RSS-Gen 7.1.4
Limit		The use of antennas with directional gains that do not exceed 6dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 3.85dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

5.1.2 Peak Output Power

RESULT:

Pass

Test date	:	2013-04-18
Test standard	:	FCC Part 15.247(b)(1) RSS-210 A8.4(2)
Basic standard	:	ANSI C63.4: 2003
Limit	:	125mW
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

Table 4: Test result of Peak Output Power of BDR mode

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	8.93	21
Middle Channel	2441	8.92	21
High Channel	2480	8.70	21

Table 5: Test result of Peak Output Power of EDR mode

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	9.59	21
Middle Channel	2441	9.62	21
High Channel	2480	9.44	21

5.1.3 20dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Date of testing	:	2013-04-18
Test standard	:	FCC Part 15.247(a)(1) RSS-210 A8.1(a)
Basic standard	:	ANSI C63.4: 2003
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

Table 6: Test result of 20dB & 99% Bandwidth of BDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.912	0.924
Mid Channel	2441	0.918	0.924
High Channel	2480	0.918	0.930

Table 7: Test result of 20dB & 99% Bandwidth of EDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.302	1.206
Mid Channel	2441	1.302	1.242
High Channel	2480	1.308	1.248

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5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth**RESULT:****Pass**

Date of testing	:	2013-04-18
Test standard	:	FCC part 15.247(d) RSS-210 A8.5
Basic standard	:	ANSI C63.4: 2003
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);
Kind of test site	:	Shield room

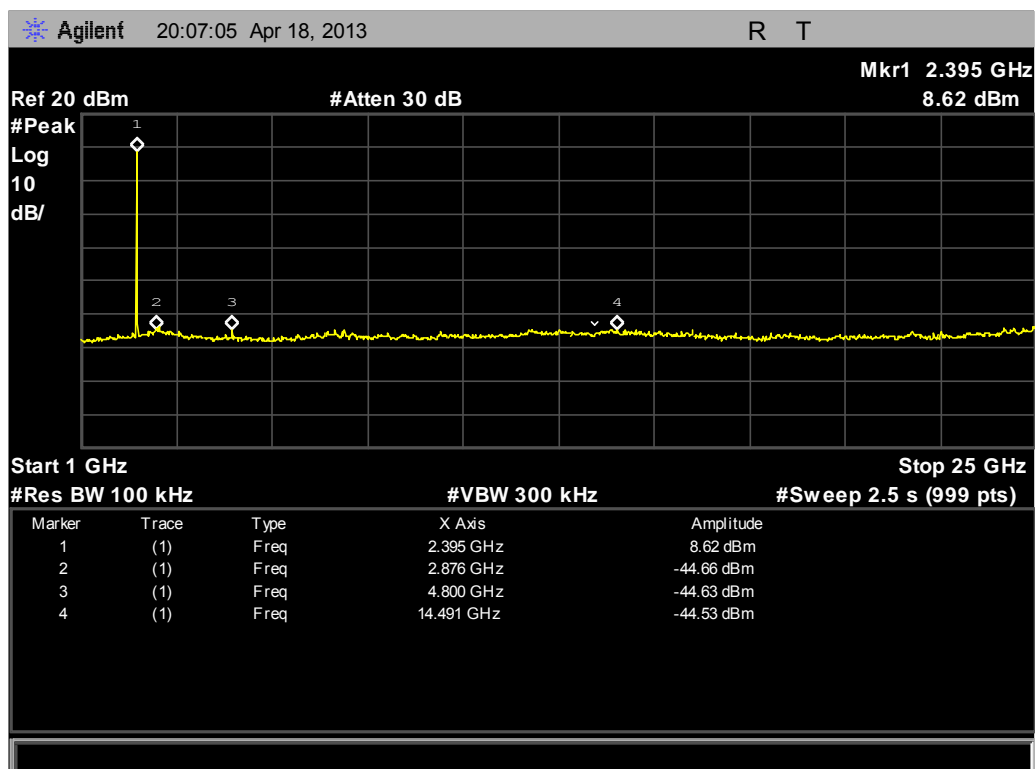
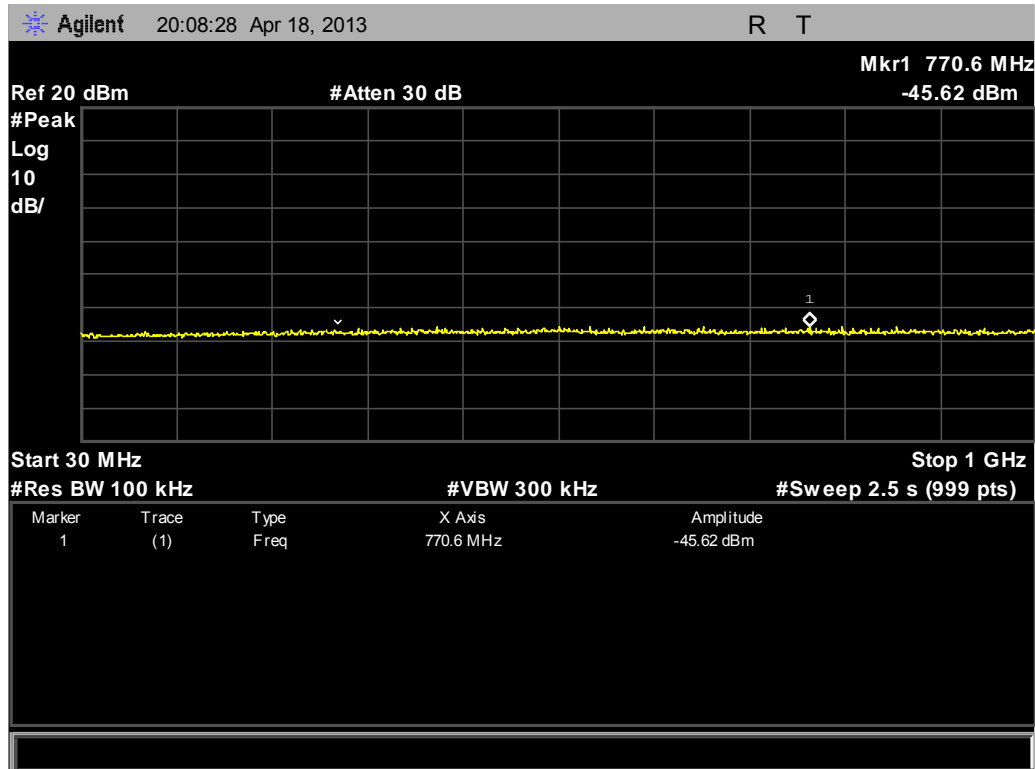
Test setup

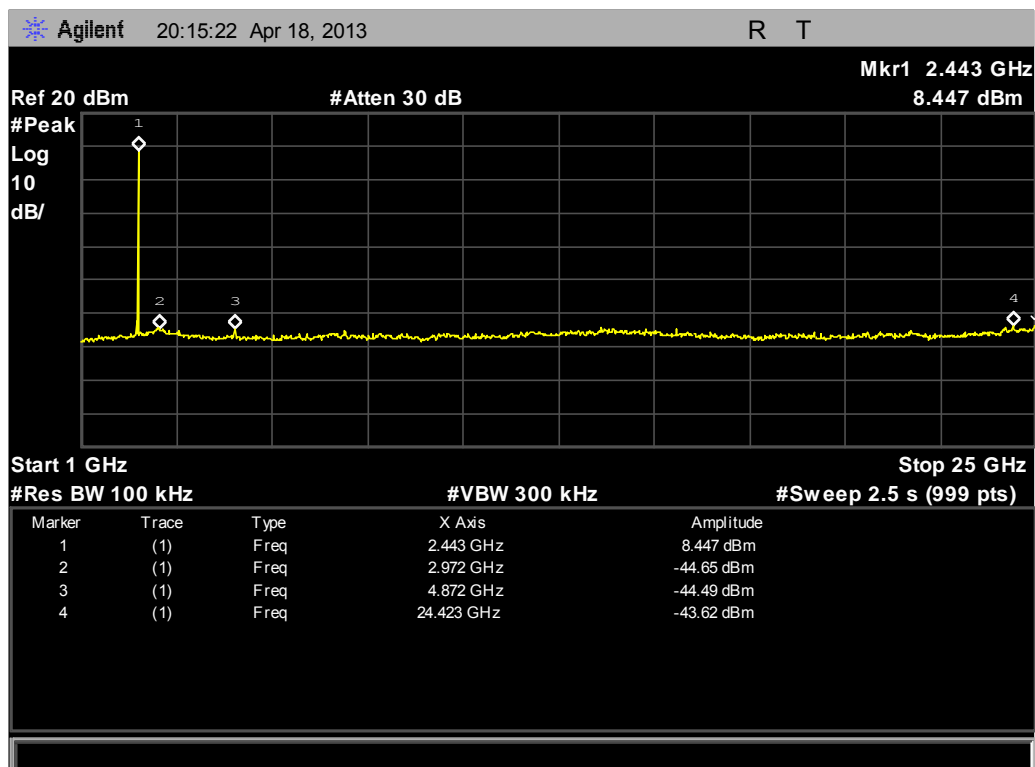
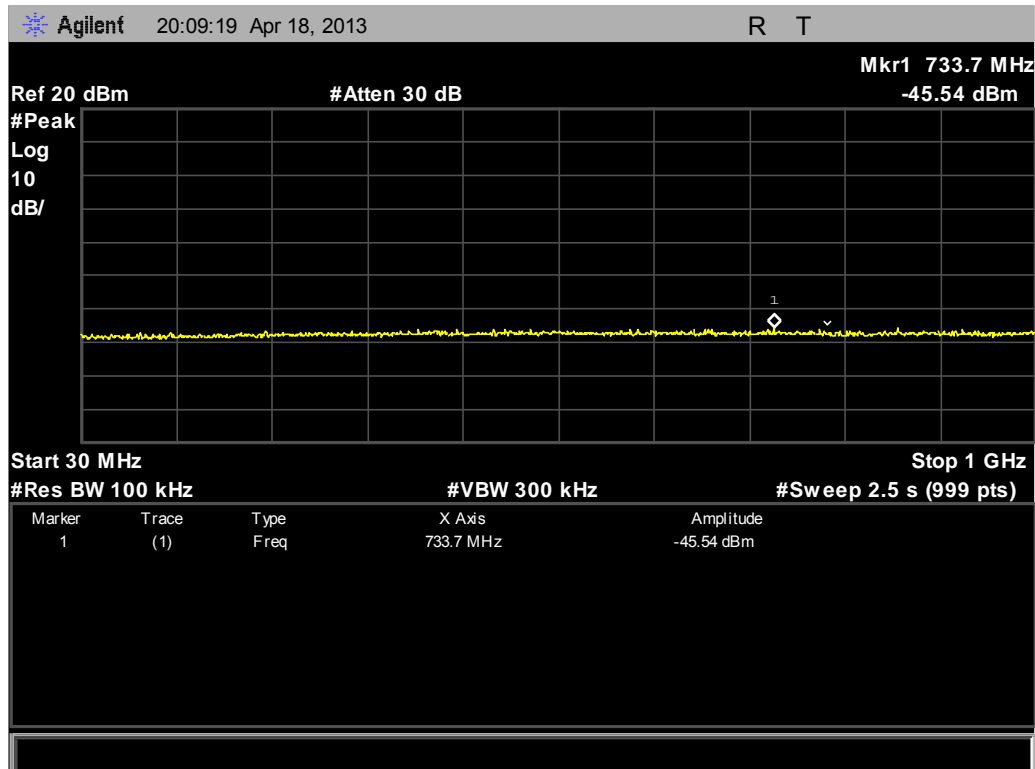
Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

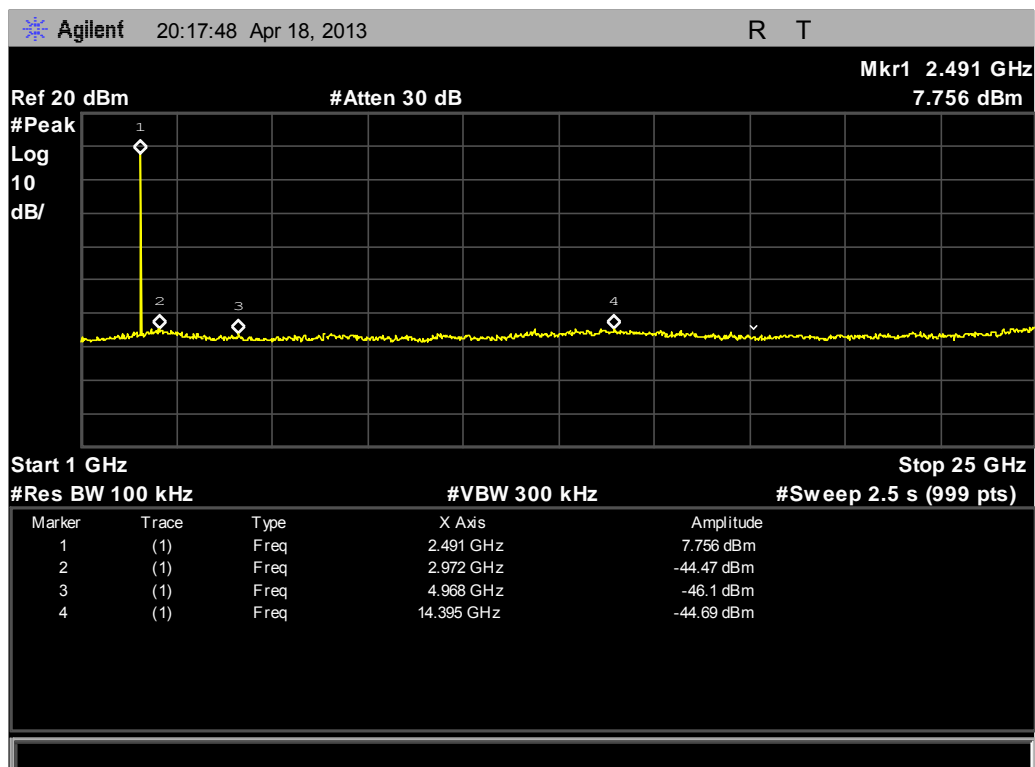
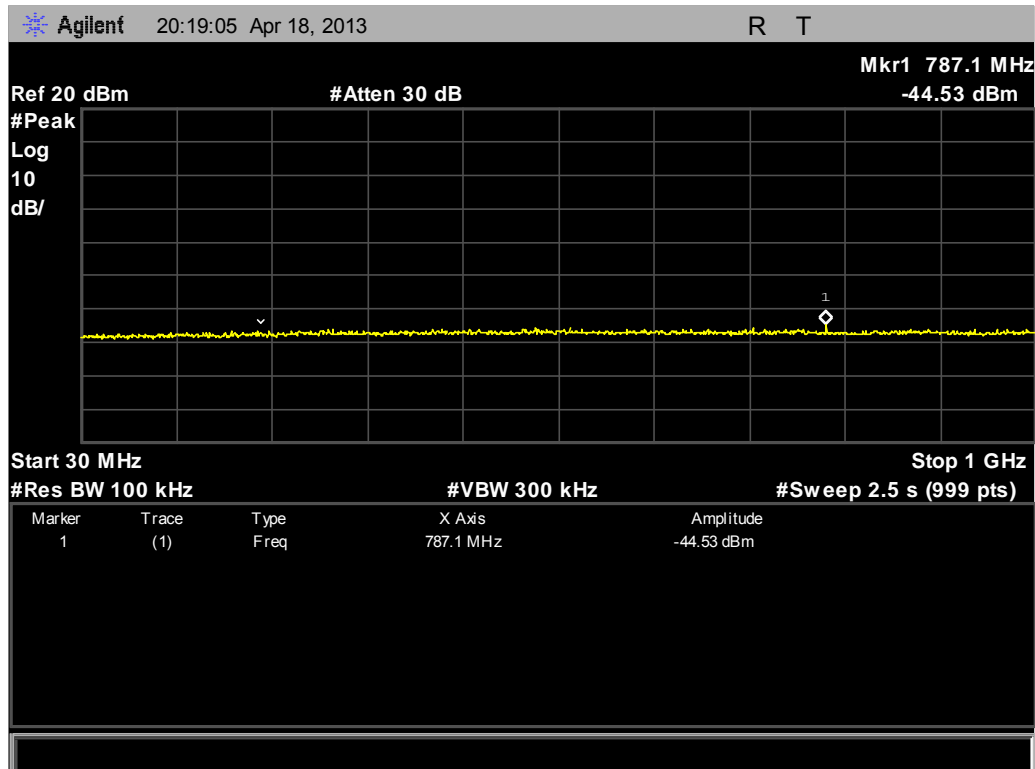
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of BDR mode

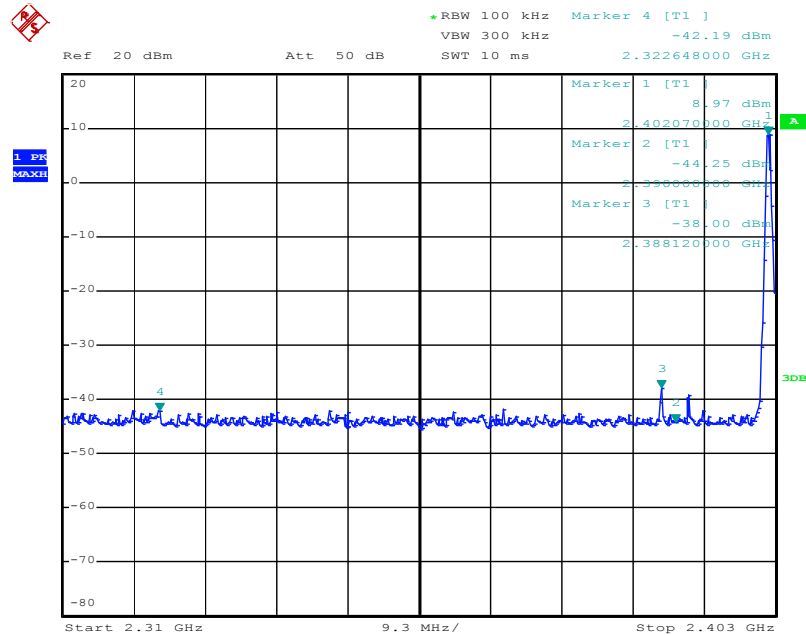
Low Channel



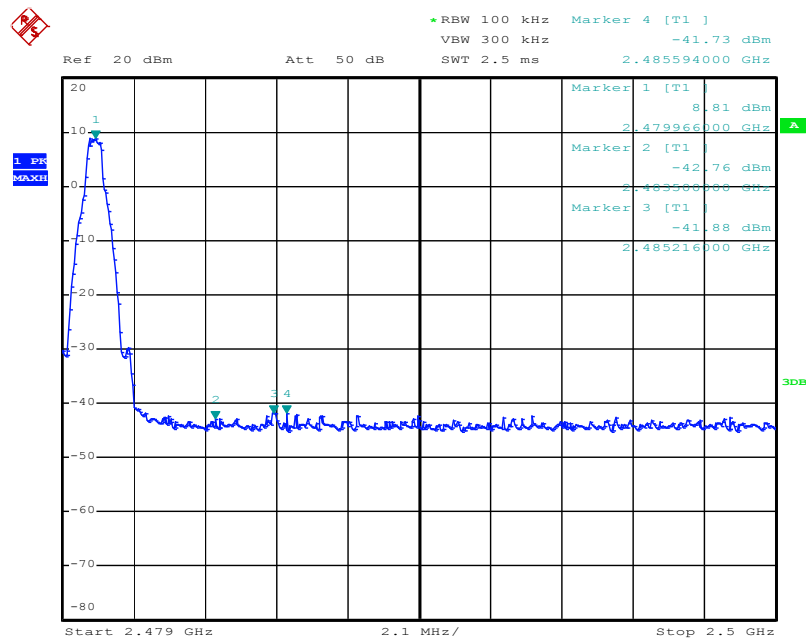
Middle Channel


High Channel



Band Edge


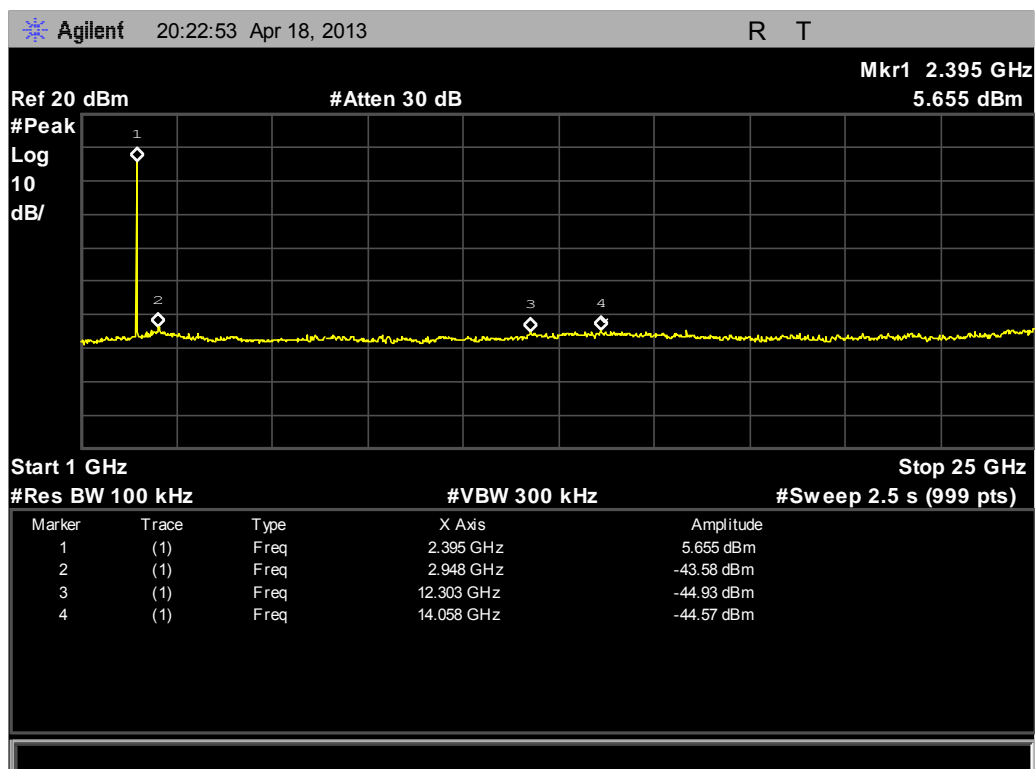
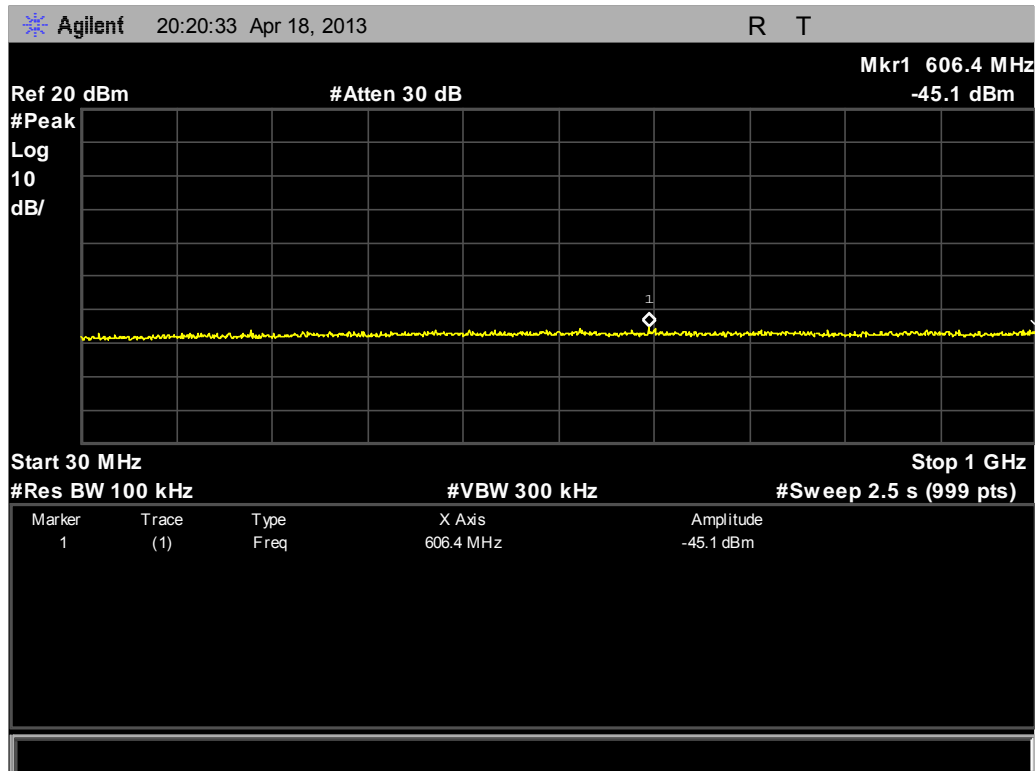
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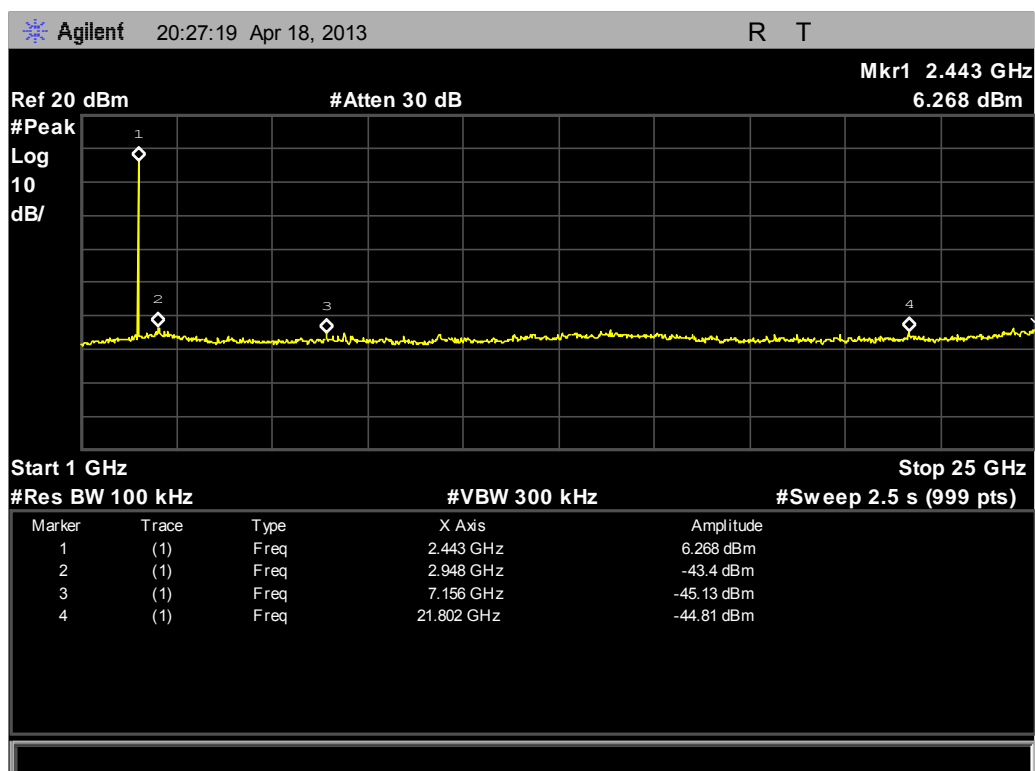
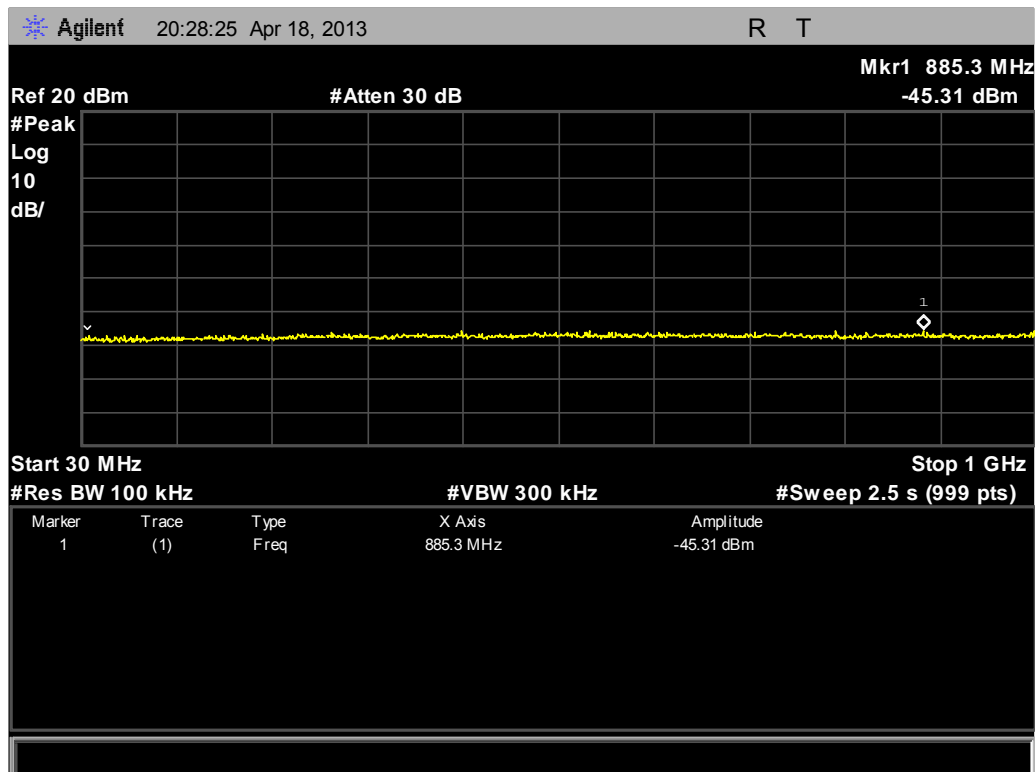


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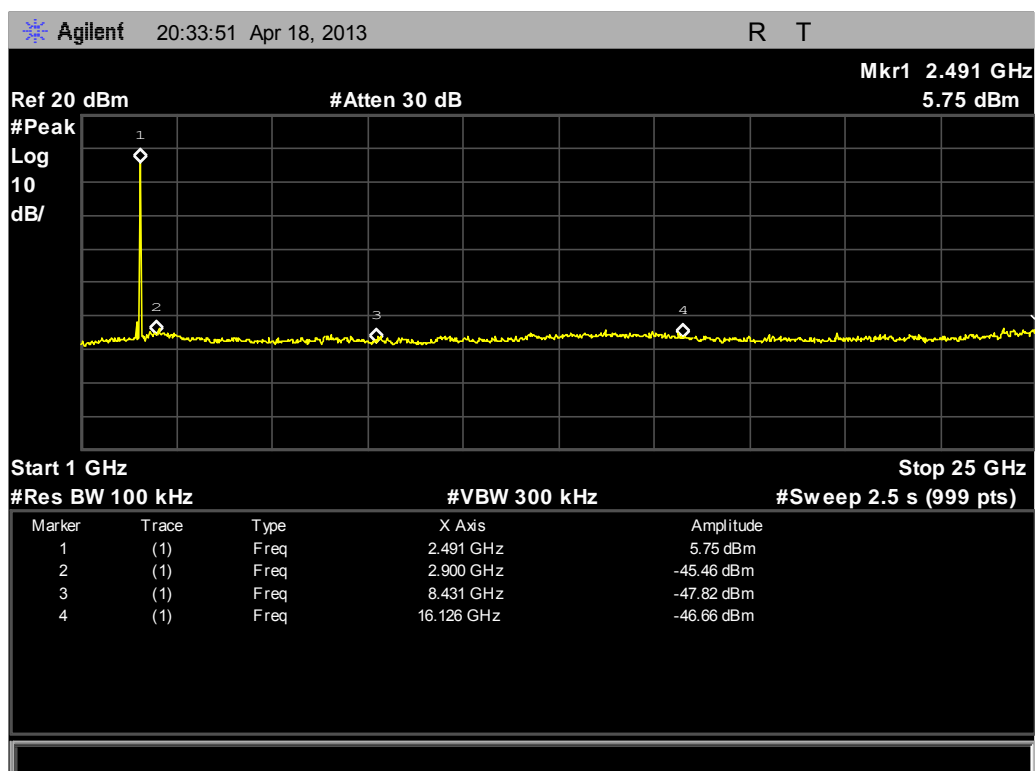
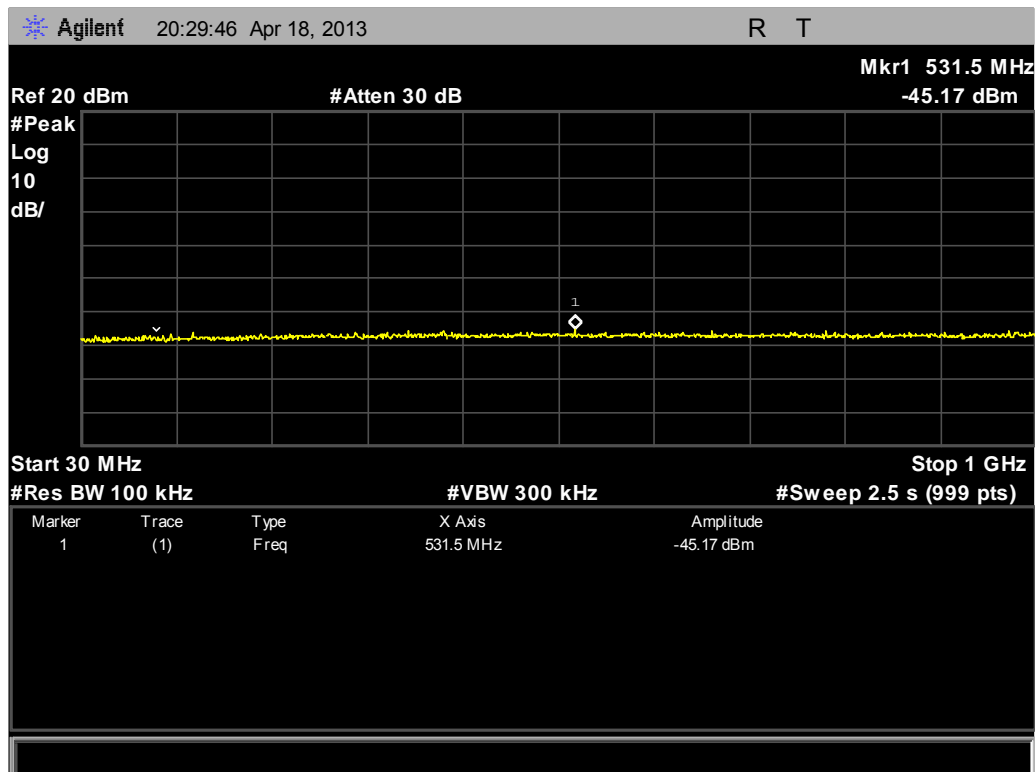
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of EDR mode

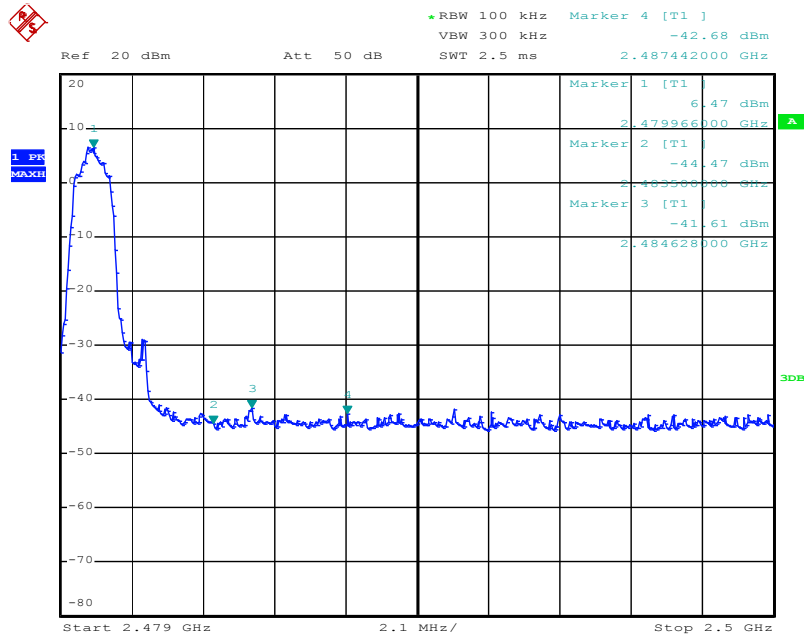
Low Channel



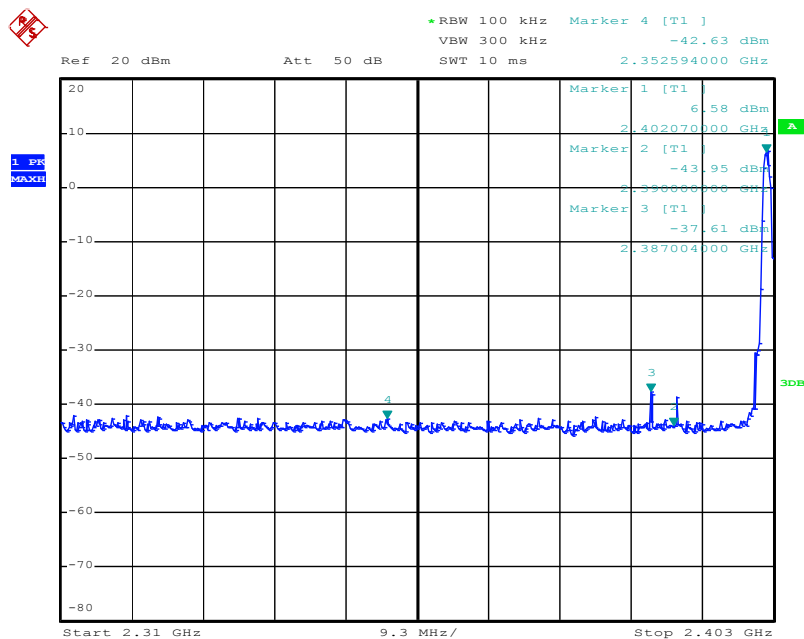
Middle Channel


High Channel



Band Edge


Date: 18.APR.2013 21:04:13



Date: 18.APR.2013 21:06:00

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5.1.5 Spurious Emission

RESULT:**Pass**

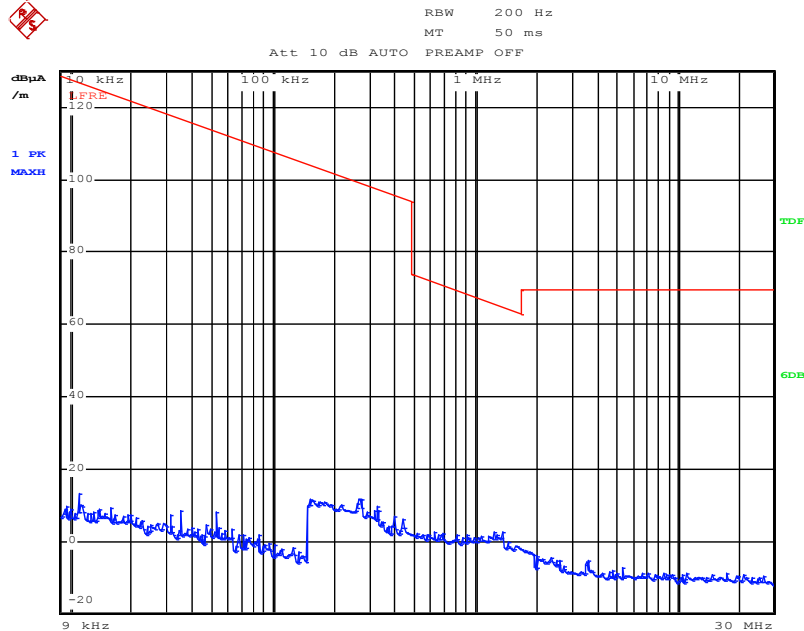
Date of testing : 2013-04-20
Test standard : FCC part 15.247(d)
RSS-210 Clause 2.2
Basic standard : ANSI C63.4: 2003
Limits : FCC part 15.209(a)
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/ Middle/ High
Operation mode : A.1, A.2
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

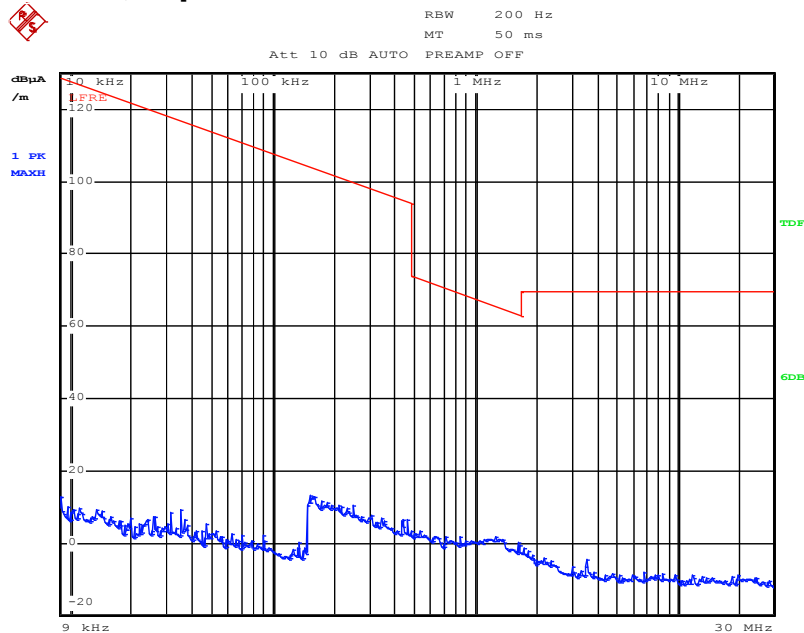
For details refer to following test plot.

Test Plot of Spurious Emission of transmitting Low channel, X polarization:



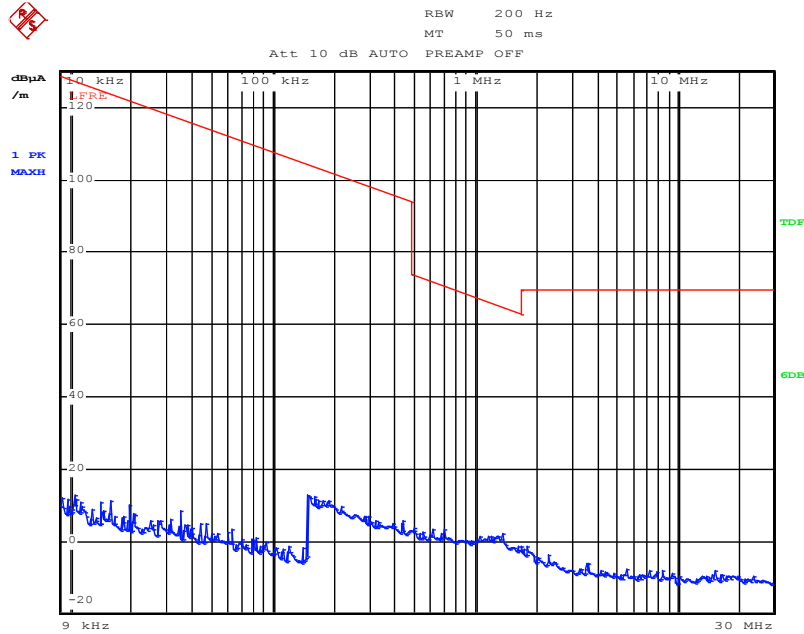
Date: 20.APR.2013 20:59:53

Low channel, Y polarization:



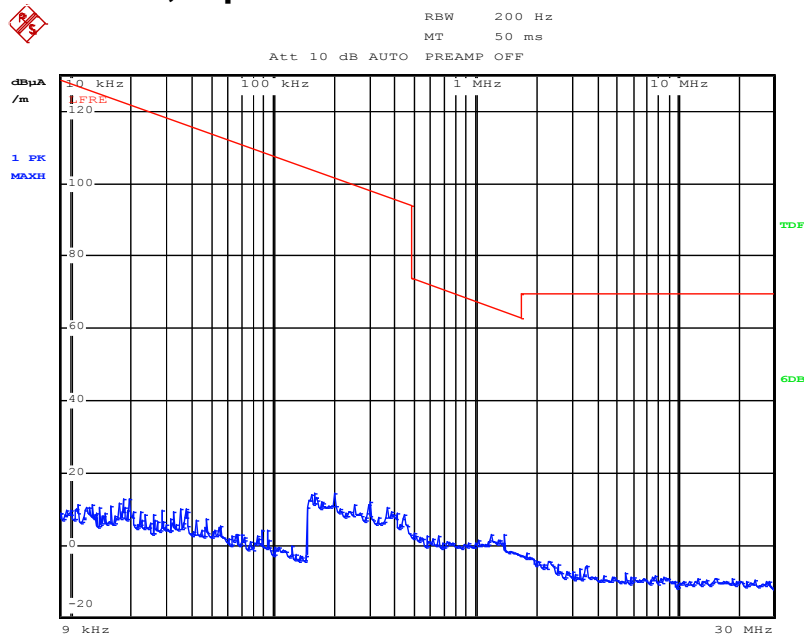
Date: 20.APR.2013 21:01:54

Low channel, Z polarization:

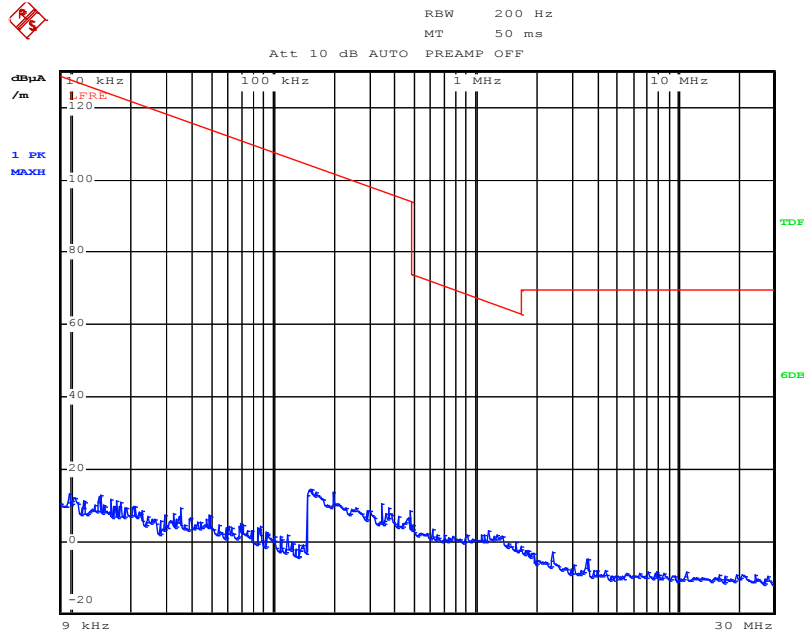


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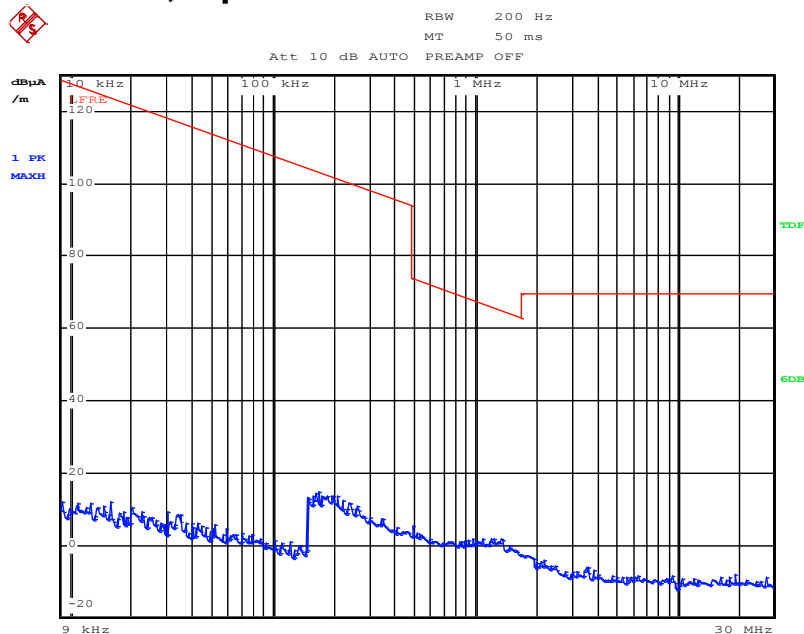
Middle channel, X polarization:



Date: 20.APR.2013 21:06:54

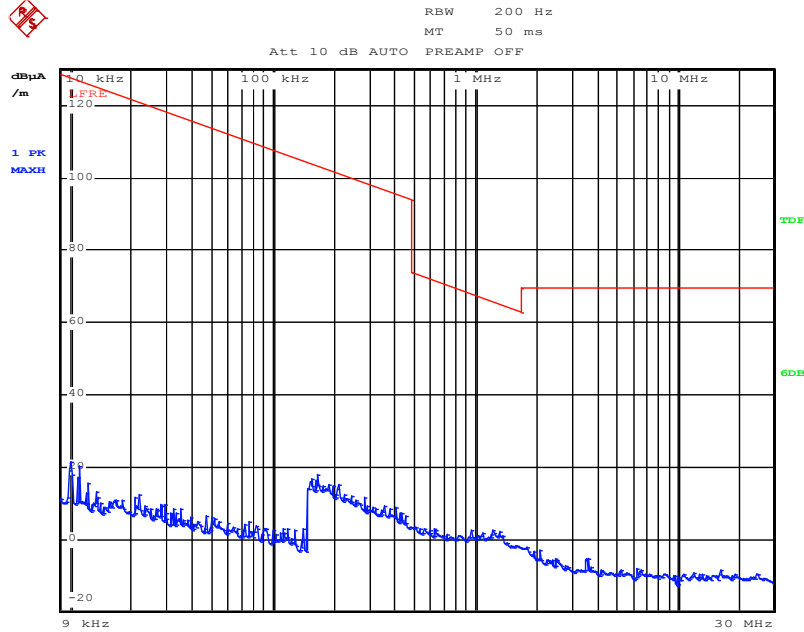
Middle channel, Y polarization:


Date: 20.APR.2013 21:08:54

Middle channel, Z polarization:


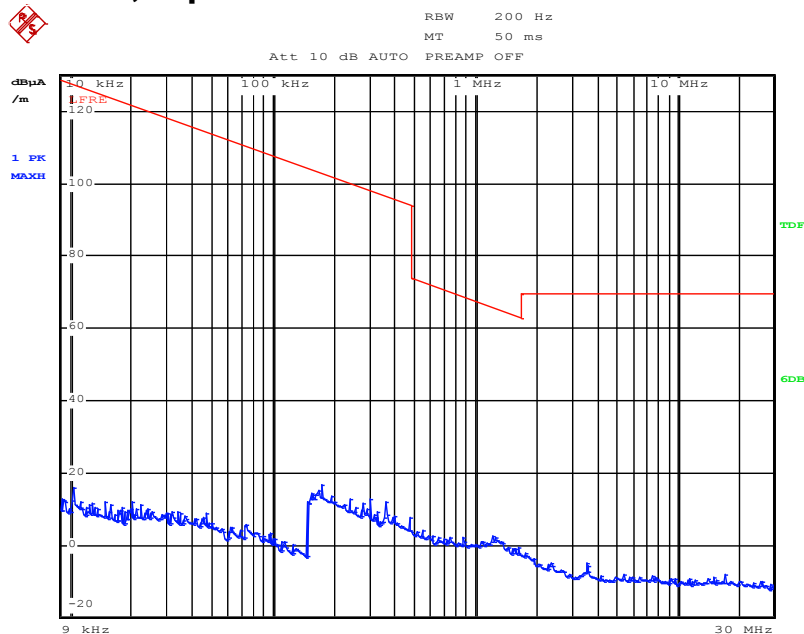
Date: 20.APR.2013 21:11:00

High channel, X polarization:



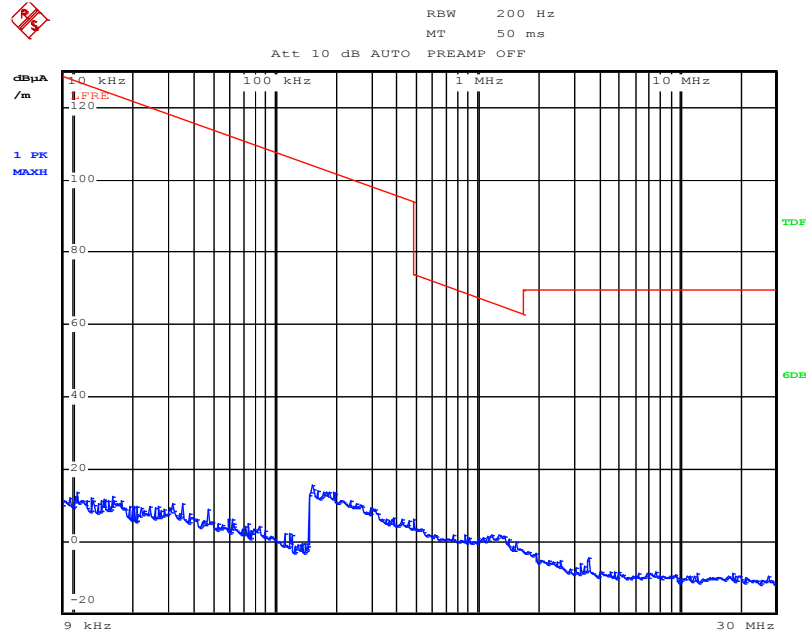
Date: 20.APR.2013 21:13:05

High channel, Y polarization:



Date: 20.APR.2013 21:15:35

High channel, Z polarization:



Date: 20.APR.2013 21:18:02


ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

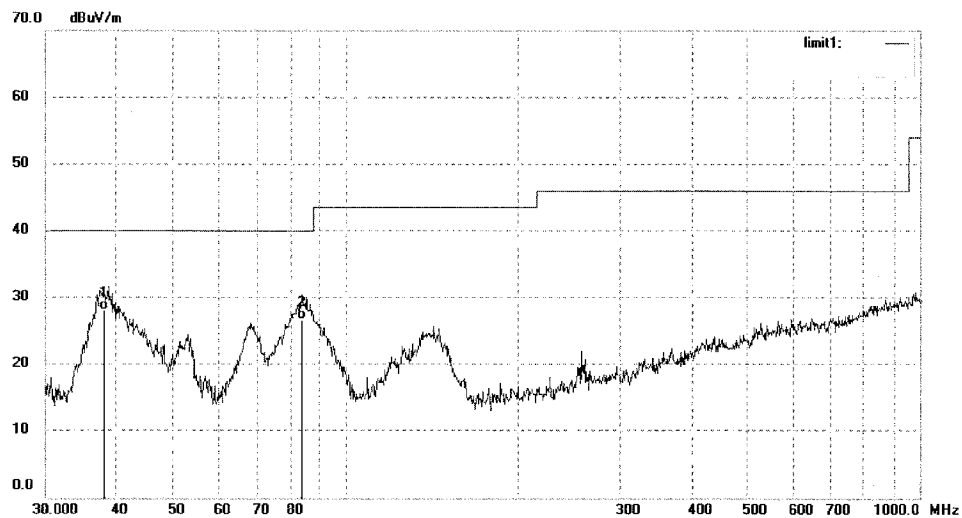
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1764
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 9:16:38
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.9628	40.10	-12.09	28.01	40.00	-11.99	QP			
2	83.6937	40.38	-13.68	26.70	40.00	-13.30	QP			


ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

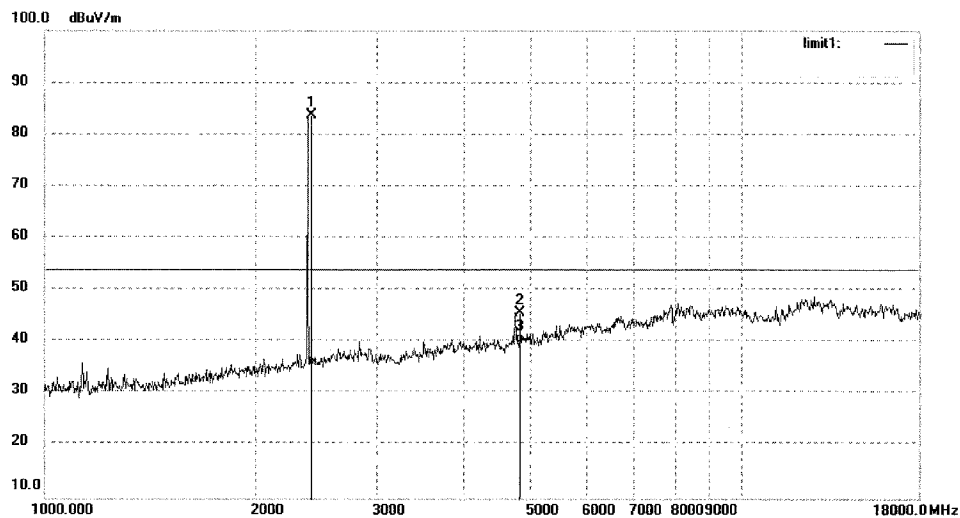
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1744
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-19
Time: 22:57:44
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.021	91.10	-7.45	/	/	29.65	peak			
2	4804.042	45.90	-0.30	45.60	74.00	-28.40	peak			
3	4804.042	40.17	-0.30	39.87	54.00	-14.13	AVG			


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Fax:+86-0755-26503396

Job No.: PYH #1743

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

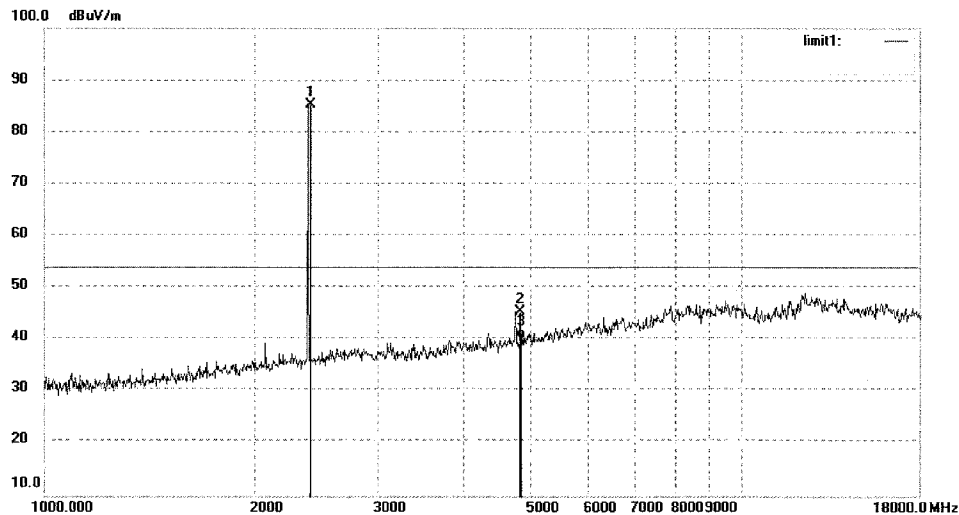
Date: 2013-4-19

Time: 22:45:38

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.019	92.78	-7.45	/	/	31.33	peak			
2	4804.030	45.82	-0.30	45.52	74.00	-28.48	peak			
3	4804.030	40.55	-0.30	40.25	54.00	-13.75	AVG			


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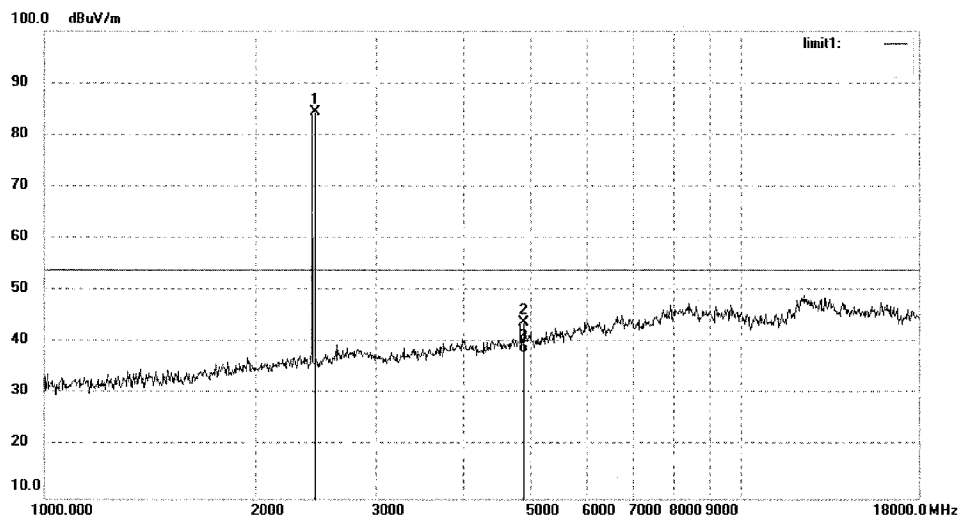
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1748
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2441MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-19
Time: 23:41:49
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.018	91.72	-7.35	/	/	30.37	peak			
2	4882.035	43.72	0.14	43.86	74.00	-30.14	peak			
3	4882.035	37.90	0.14	38.04	54.00	-15.96	AVG			


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Job No.: PYH #1747

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2013-4-19

Temp.(C)/Hum.(%) 25 C / 55 %

Time: 23:30:12

EUT: Tablet

Engineer Signature: PEI

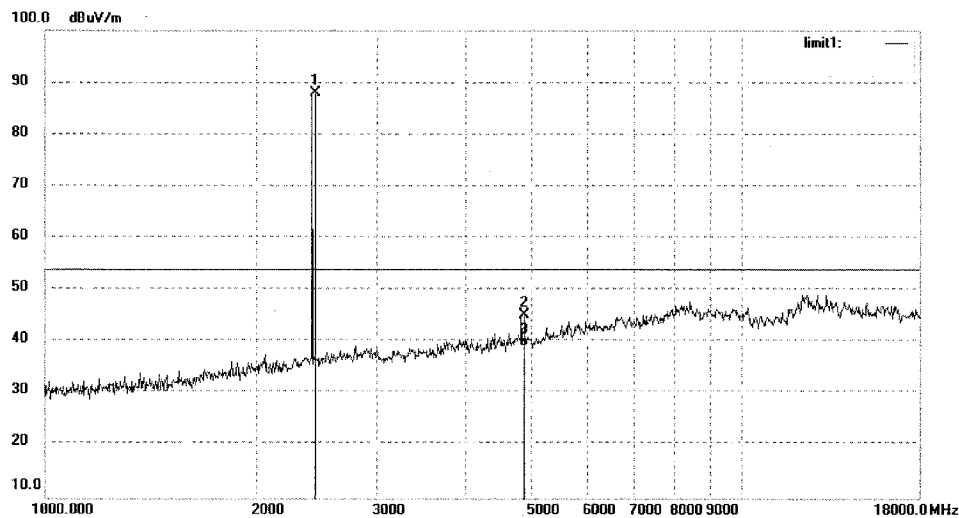
Mode: TX 2441MHz

Distance: 3m

Model: NS-14T004

Manufacturer: Keen High

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.015	95.27	-7.35	/	/	33.92	peak			
2	4882.024	45.18	0.14	45.32	74.00	-28.68	peak			
3	4882.024	39.03	0.14	39.17	54.00	-14.83	AVG			


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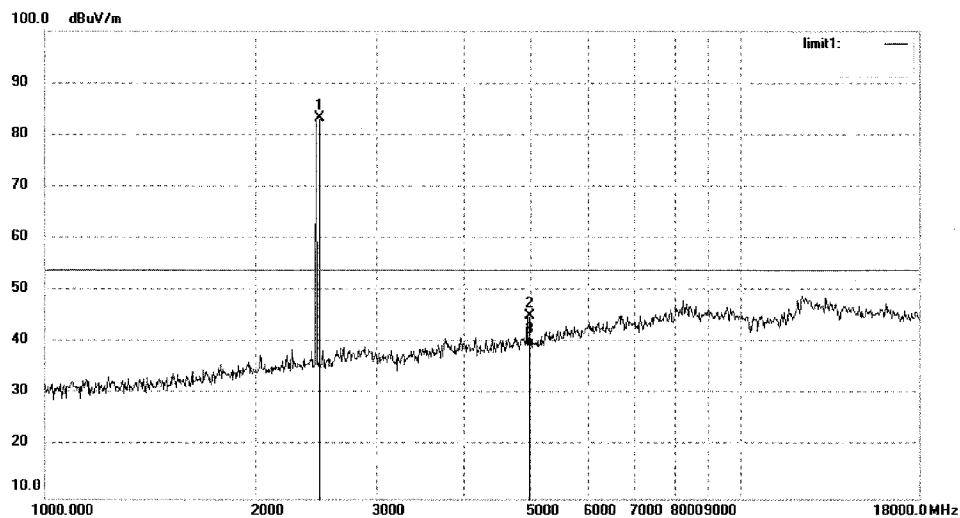
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1749
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-19
Time: 23:52:11
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.034	90.69	-7.37	/	/	29.32	peak			
2	4960.045	44.69	0.52	45.21	74.00	-28.79	peak			
3	4960.045	38.83	0.52	39.35	54.00	-14.65	AVG			


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Job No.: PYH #1750

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

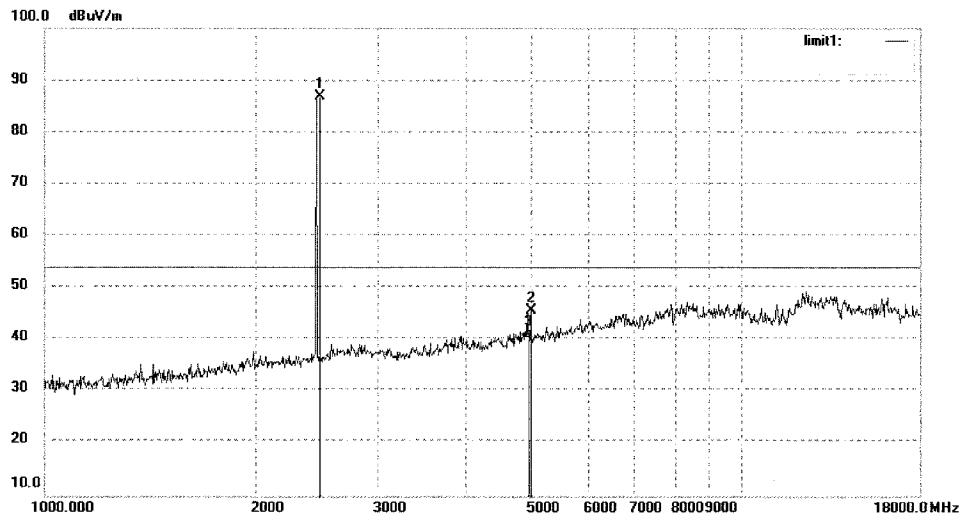
Date: 2013-4-20

Time: 0:04:14

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.014	94.15	-7.37	/	/	32.78	peak			
2	4960.028	45.12	0.52	45.64	74.00	-28.36	peak			
3	4960.028	39.67	0.52	40.19	54.00	-13.81	AVG			


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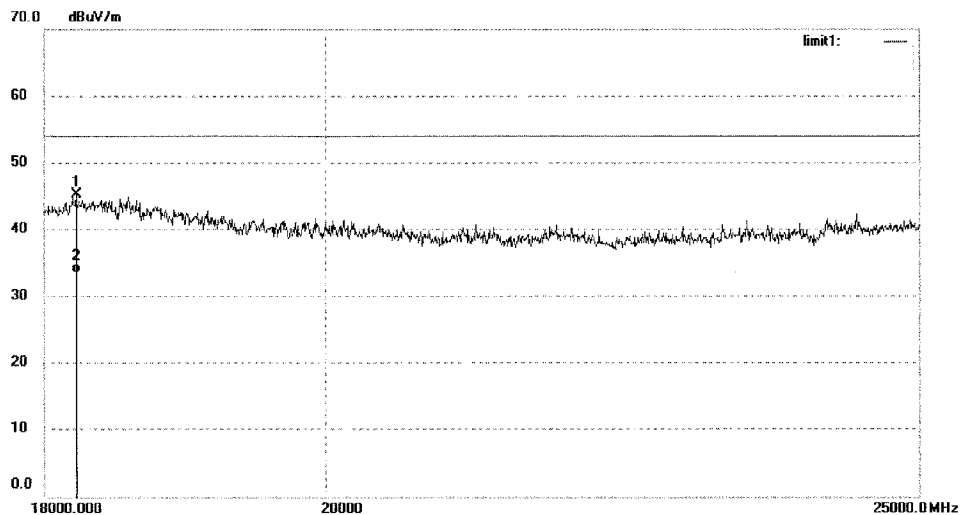
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1771
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 10:26:07
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18214.188	28.59	16.57	45.16	74.00	-28.84	peak			
2	18214.188	17.03	16.57	33.60	54.00	-20.40	AVG			


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Job No.: PYH #1772

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

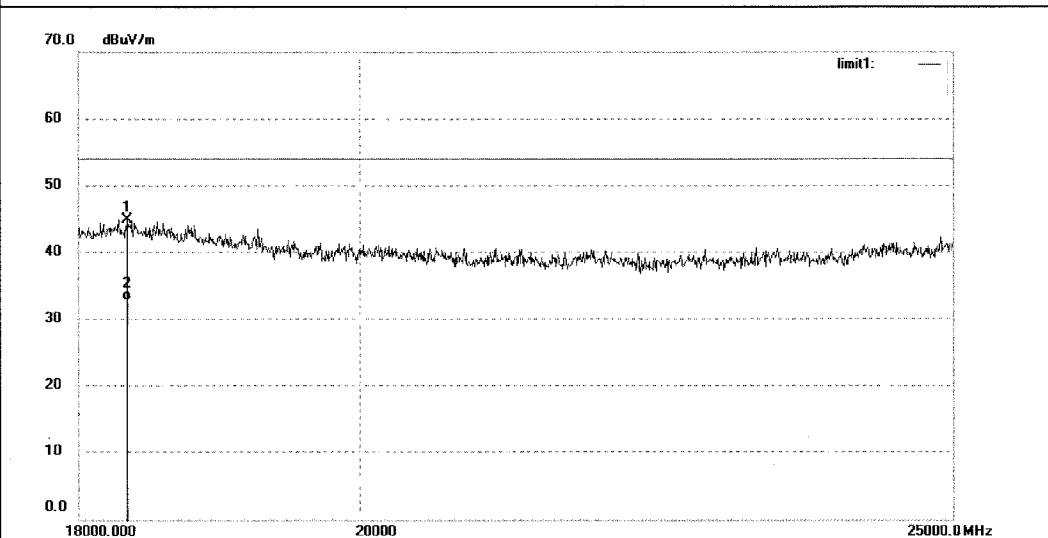
Date: 2013-4-20

Time: 10:34:44

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18330.146	28.10	16.83	44.93	74.00	-29.07	peak			
2	18330.146	15.97	16.83	32.80	54.00	-21.20	AVG			


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Job No.: PYH #1774

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: TX 2441MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

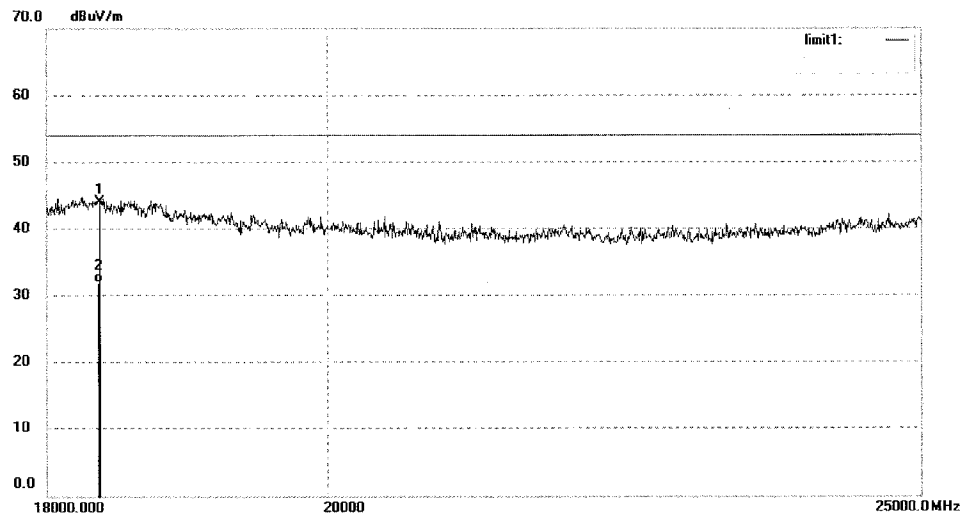
Date: 2013-4-20

Time: 10:51:16

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18359.029	27.14	16.89	44.03	74.00	-29.97	peak			
2	18359.029	15.04	16.89	31.93	54.00	-22.07	AVG			


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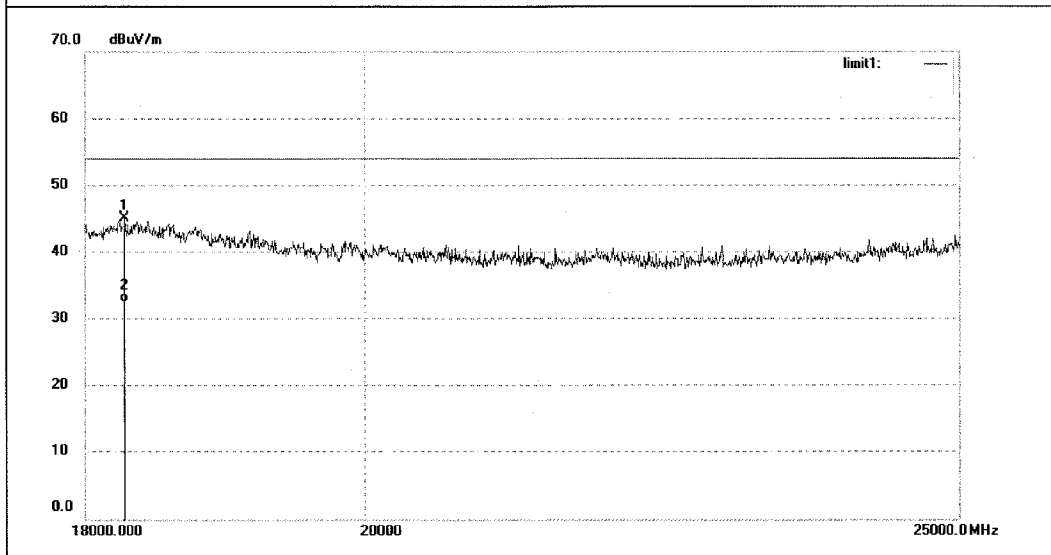
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1773
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2441MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 10:42:34
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18268.606	28.29	16.69	44.98	74.00	-29.02	peak			
2	18268.606	15.86	16.69	32.55	54.00	-21.45	AVG			


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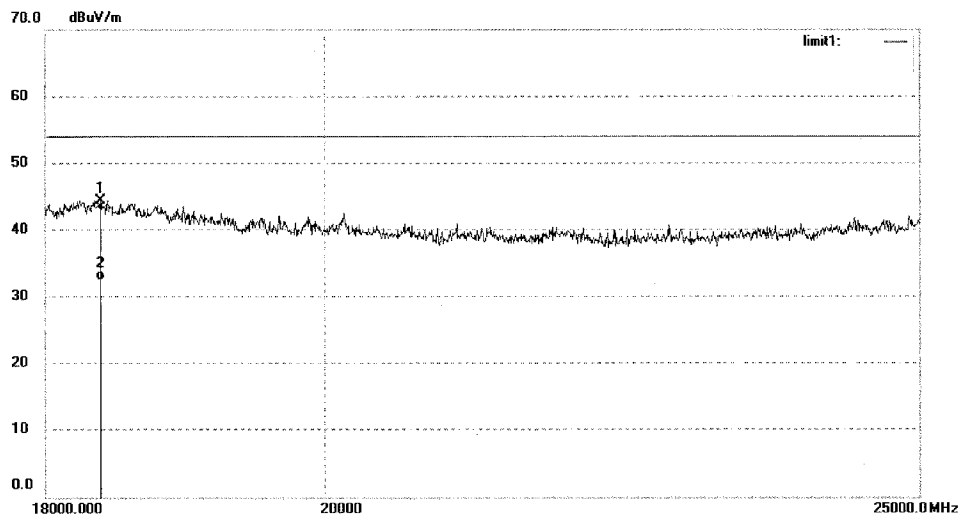
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1775
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 11:02:37
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18377.167	27.38	16.93	44.31	74.00	-29.69	peak			
2	18377.167	15.50	16.93	32.43	54.00	-21.57	AVG			


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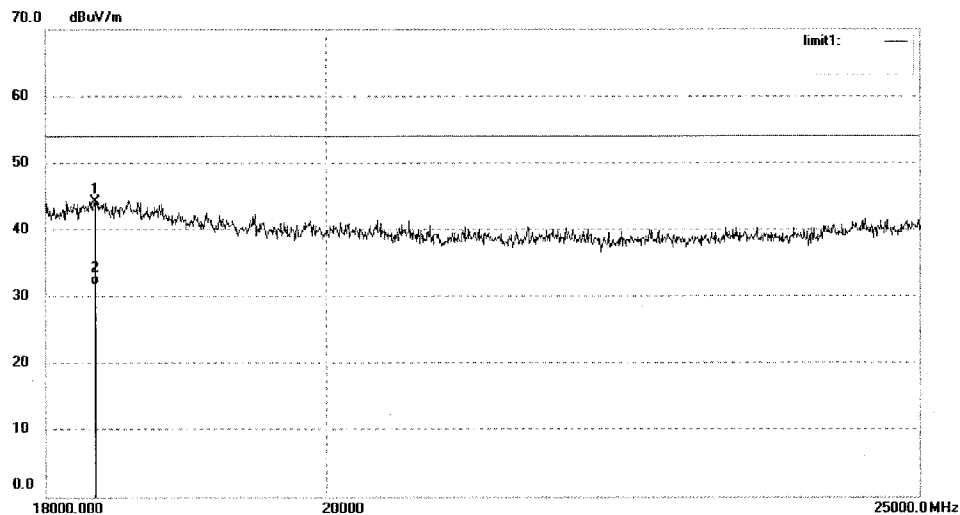
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1776
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

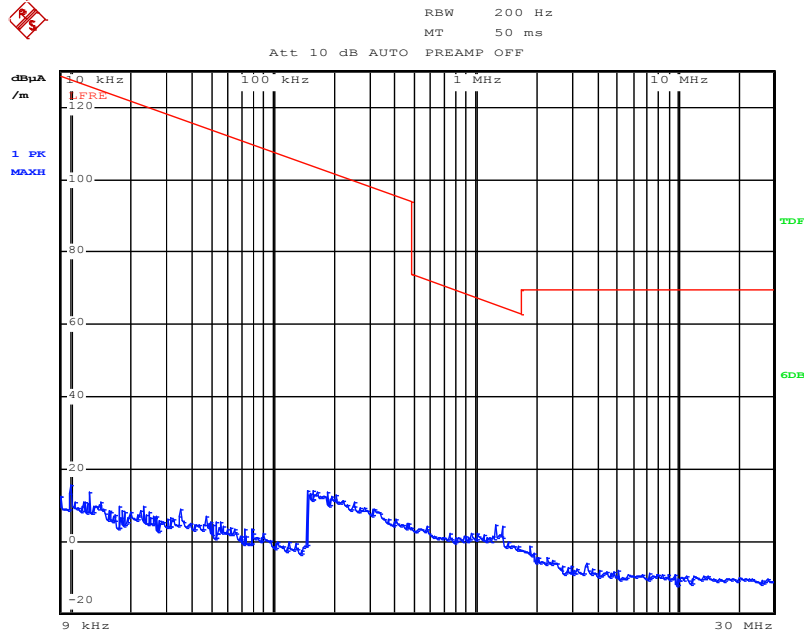
Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 11:13:28
Engineer Signature: PEI
Distance: 3m

Note:



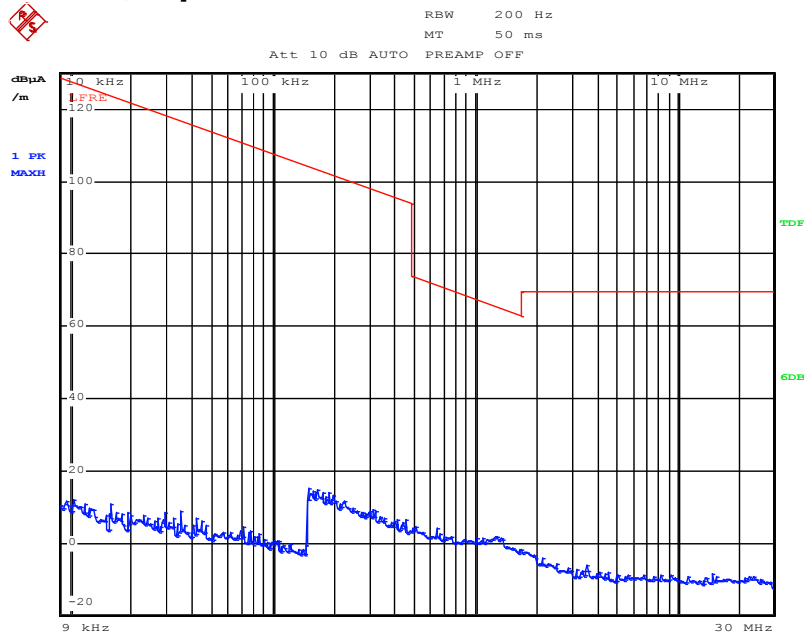
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18340.909	27.34	16.85	44.19	74.00	-29.81	peak			
2	18340.909	14.99	16.85	31.84	54.00	-22.16	AVG			

Test Plot of Spurious Emission of receiving Low channel, X polarization:



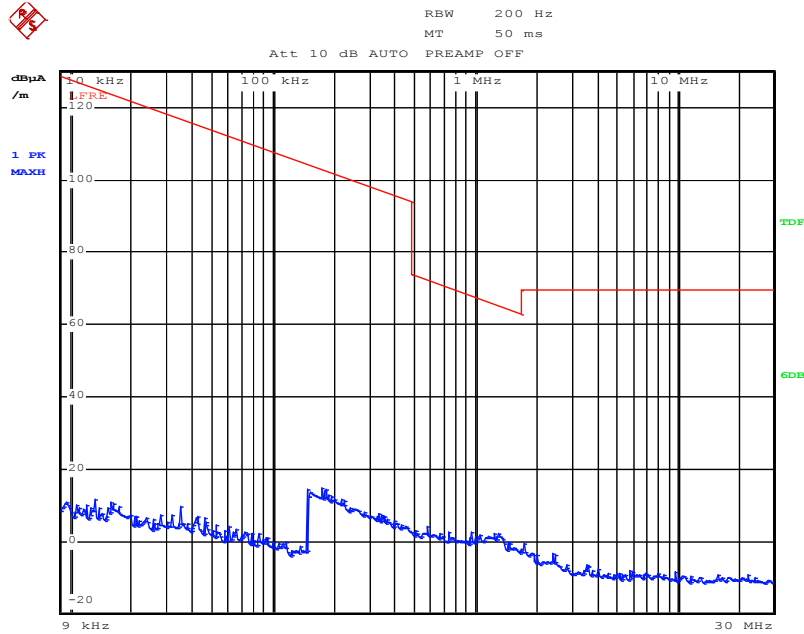
Date: 20.APR.2013 21:22:53

Low channel, Y polarization:



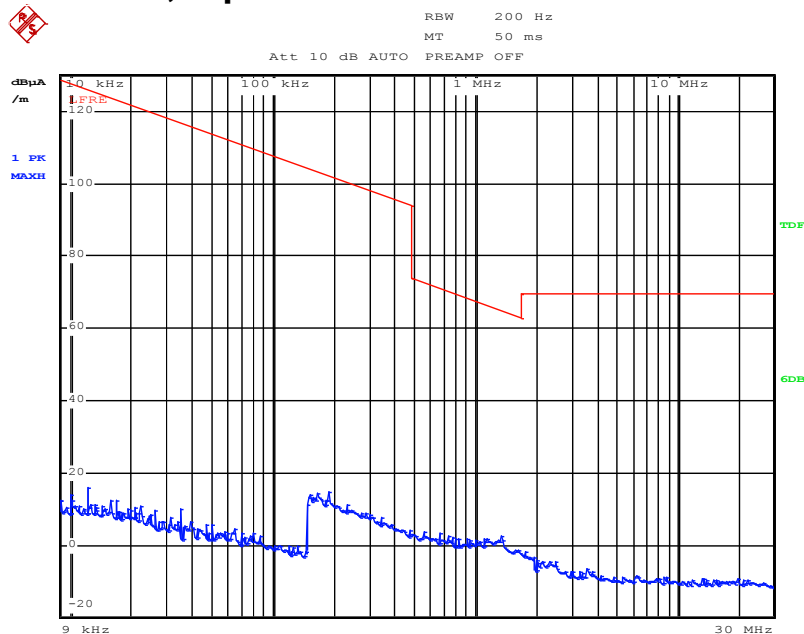
Date: 20.APR.2013 21:24:51

Low channel, Z polarization:

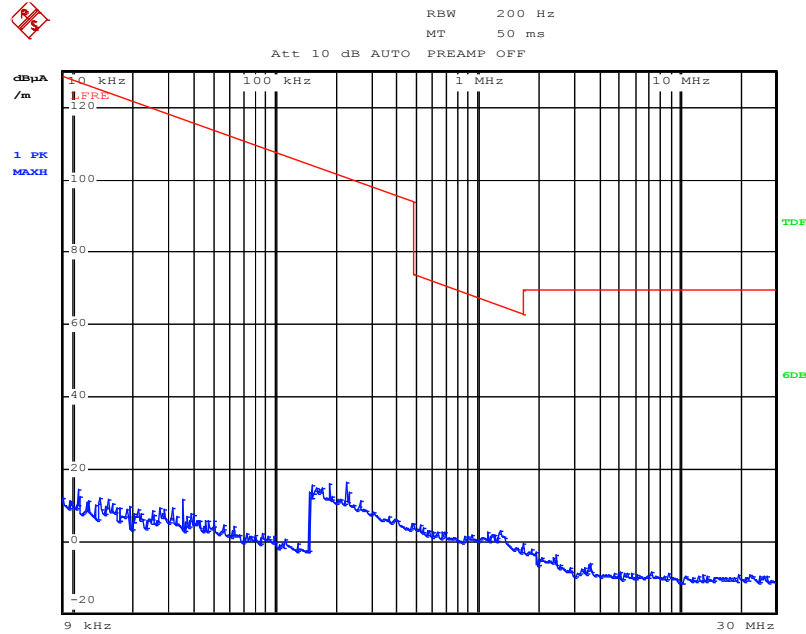


Date: 20.APR.2013 21:26:53

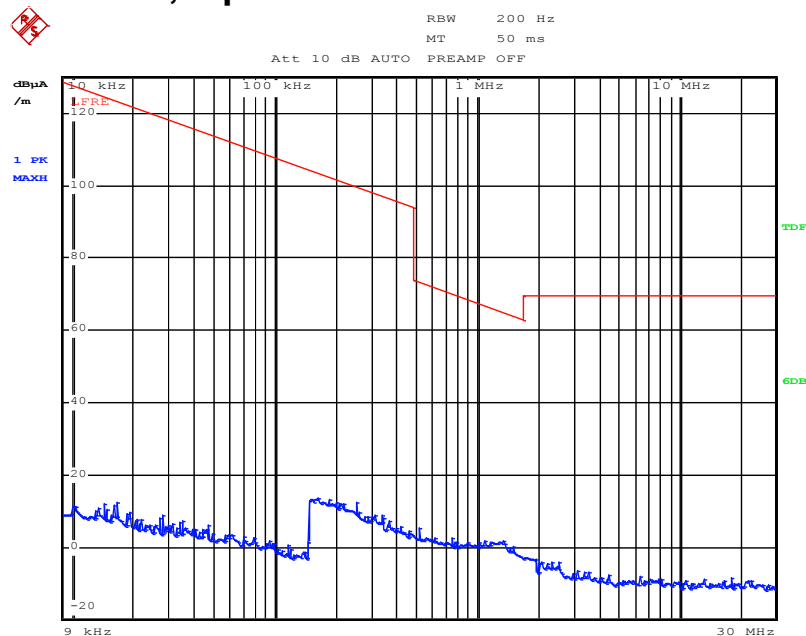
Middle channel, X polarization:



Date: 20.APR.2013 21:29:03

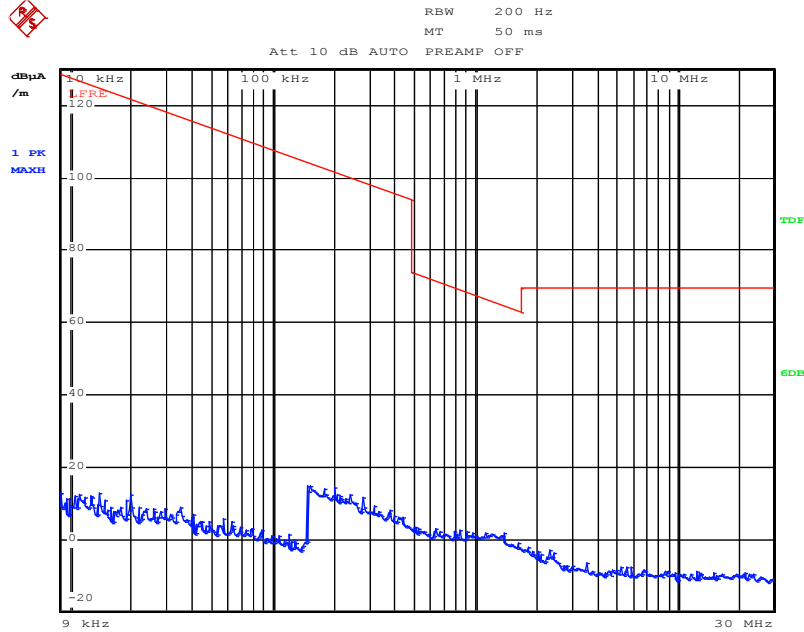
Middle channel, Y polarization:


Date: 20.APR.2013 21:31:10

Middle channel, Z polarization:


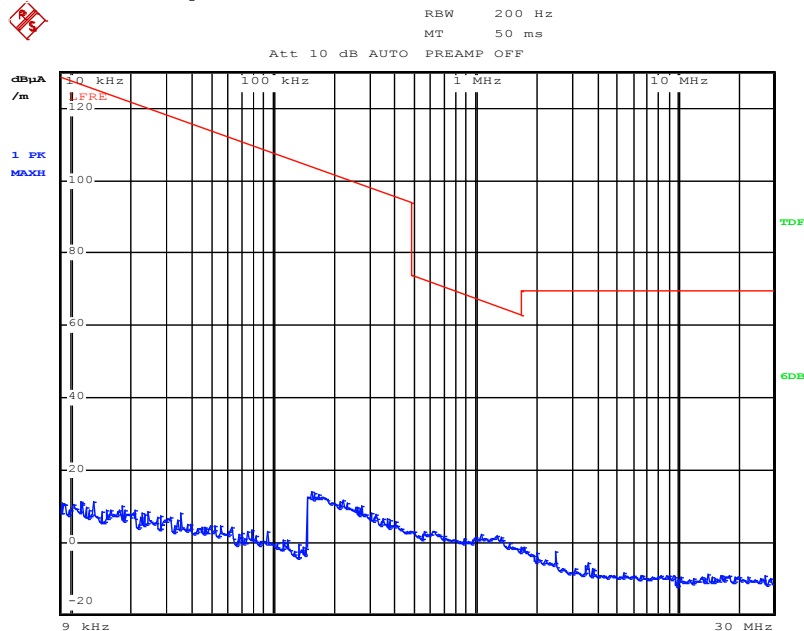
Date: 20.APR.2013 21:33:11

High channel, X polarization:



Date: 20.APR.2013 21:35:12

High channel, Y polarization:



Date: 20.APR.2013 21:37:14

Date: 20.APR.2013 21:39:20


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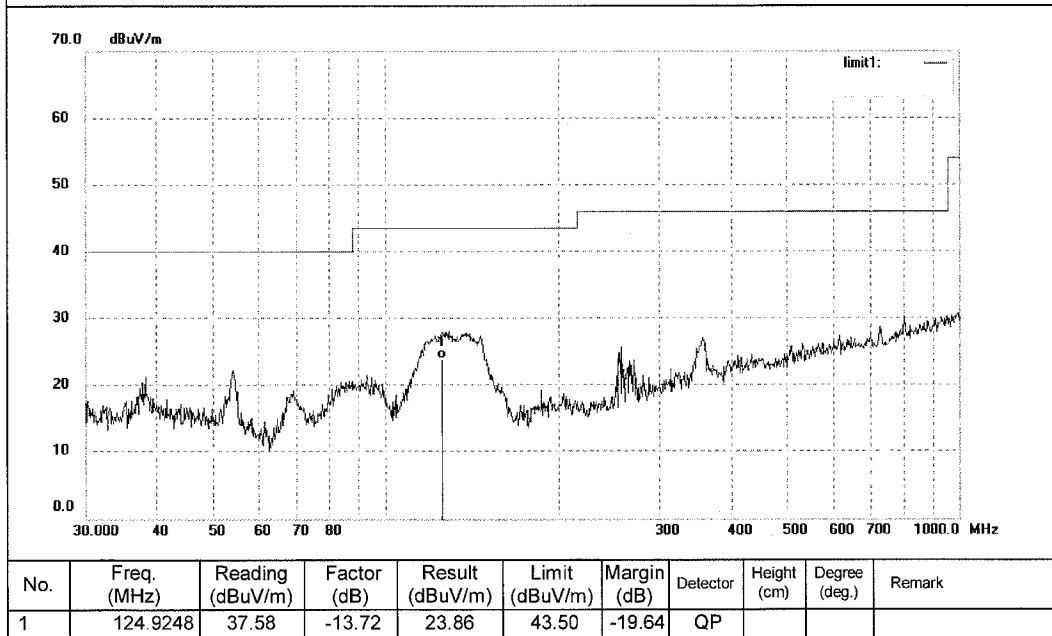
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1766
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 9:35:29
Engineer Signature: PEI
Distance: 3m

Note:




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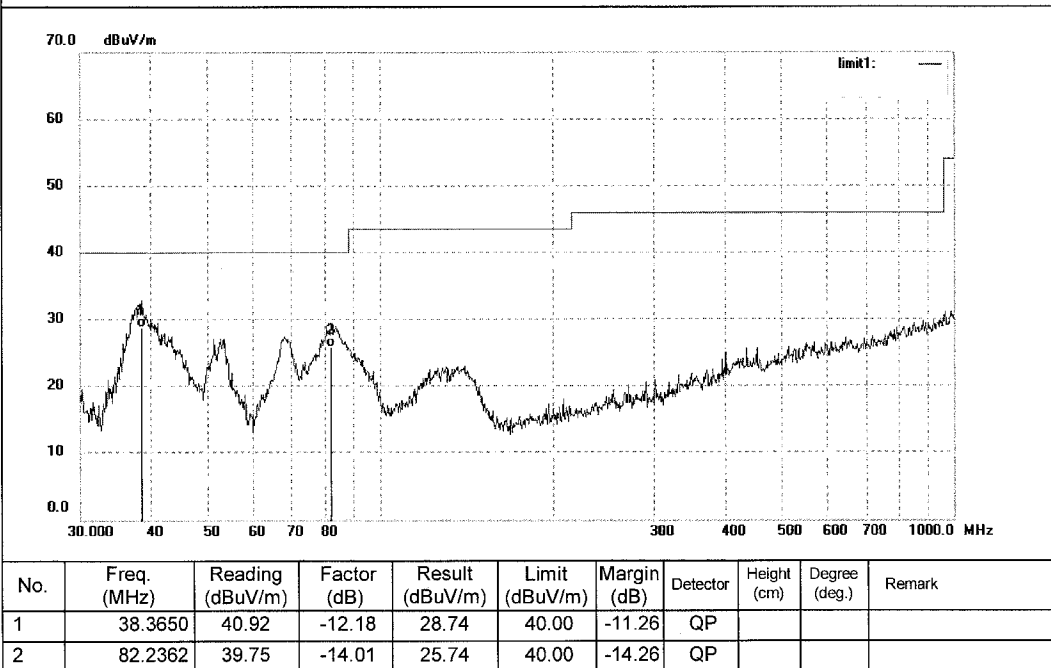
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1765
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 9:24:49
Engineer Signature: PEI
Distance: 3m

Note:




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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1767

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: RX 2441MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

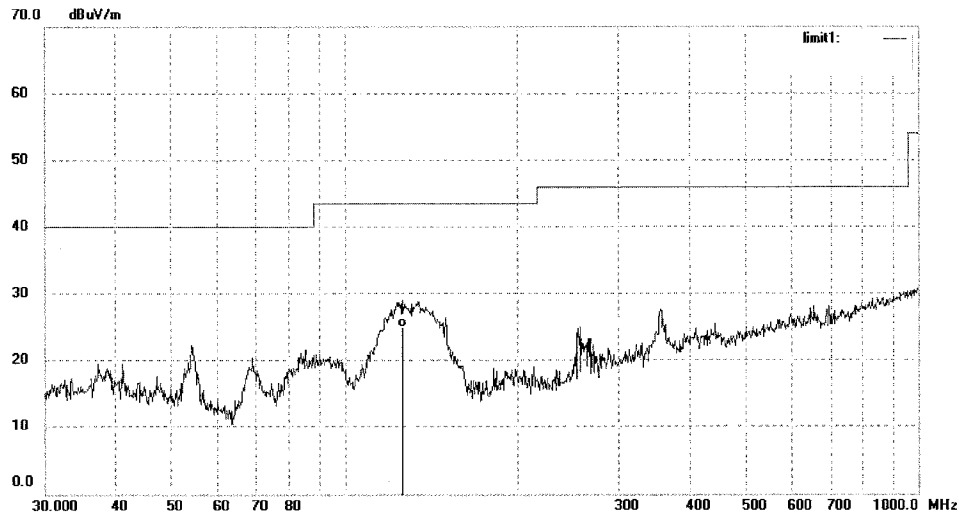
Date: 2013-4-20

Time: 9:43:58

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	125.8058	38.64	-13.75	24.89	43.50	-18.61	QP			


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Site: 2# Chamber

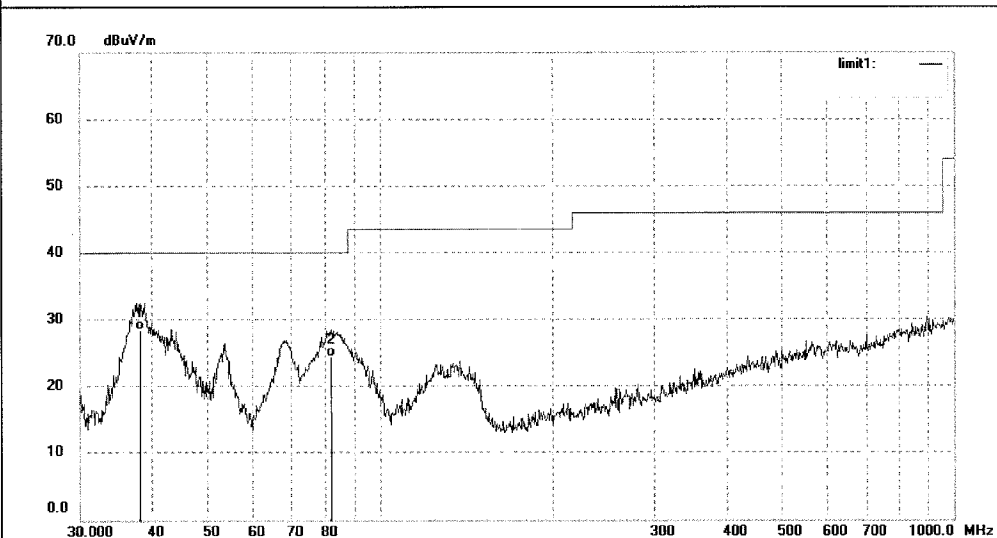
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1768
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2441MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 9:54:25
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.9646	40.59	-12.09	28.50	40.00	-11.50	QP			
2	82.7619	38.35	-13.90	24.45	40.00	-15.55	QP			


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Site: 2# Chamber

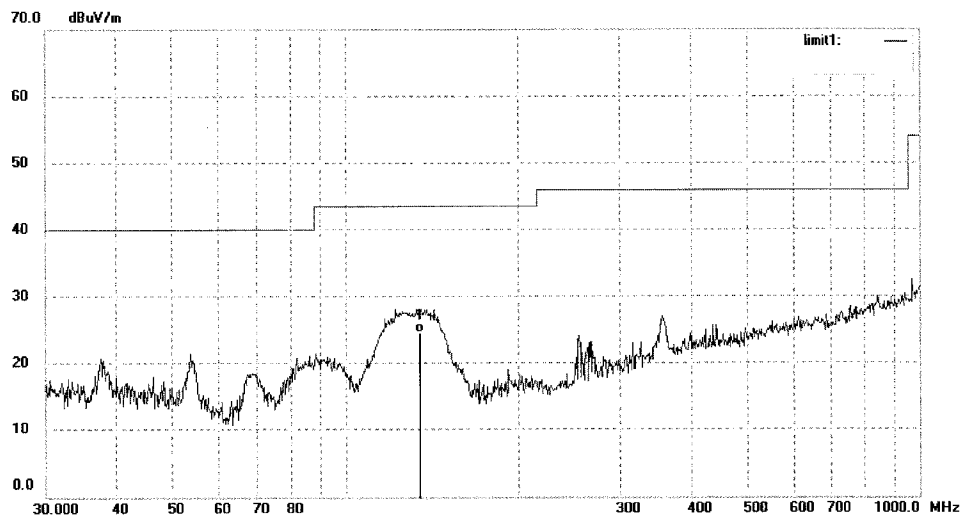
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1770
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 10:15:13
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	134.4910	38.62	-14.05	24.57	43.50	-18.93	QP			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1769

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: RX 2480MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

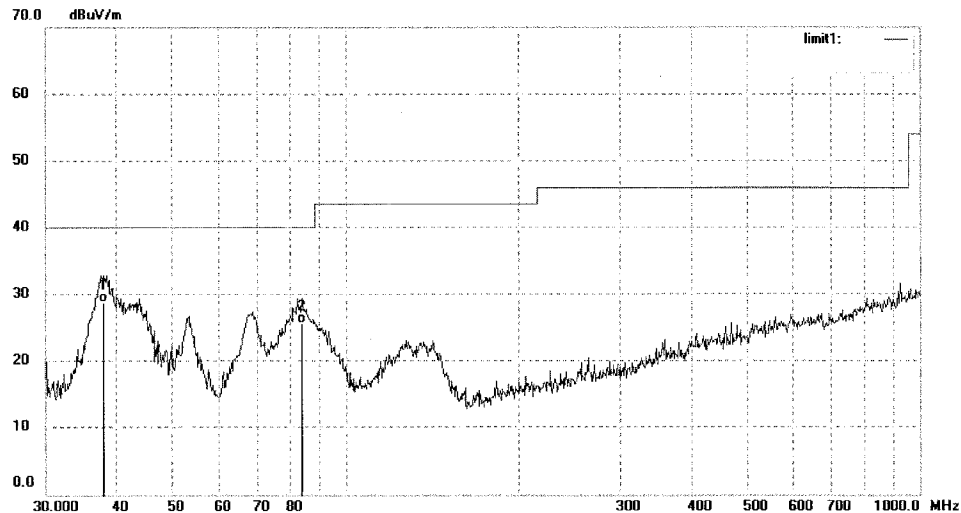
Date: 2013-4-20

Time: 10:05:13

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.8297	40.87	-12.06	28.81	40.00	-11.19	QP			
2	83.6937	39.28	-13.68	25.60	40.00	-14.40	QP			


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Site: 2# Chamber

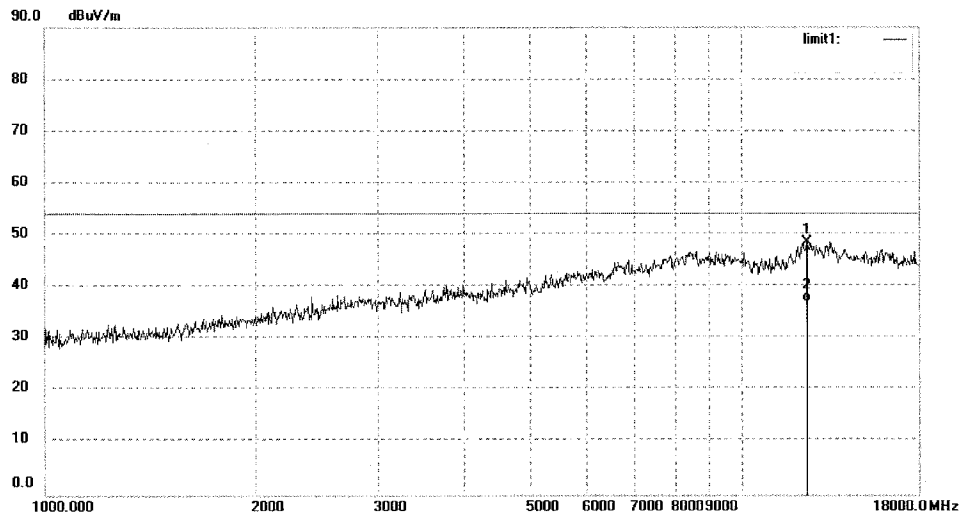
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1753
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 0:35:32
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12404.444	10.12	38.30	48.42	74.00	-25.58	peak			
2	12404.444	-1.30	38.30	37.00	54.00	-17.00	AVG			


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Site: 2# Chamber

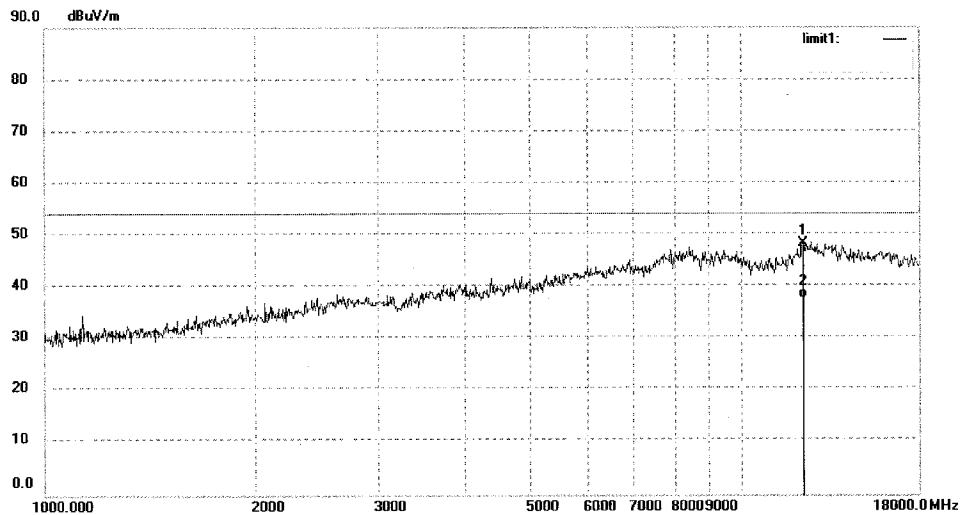
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1754
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 0:46:10
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12256.470	10.14	38.16	48.30	74.00	-25.70	peak			
2	12256.470	-0.56	38.16	37.60	54.00	-16.40	AVG			


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Site: 2# Chamber

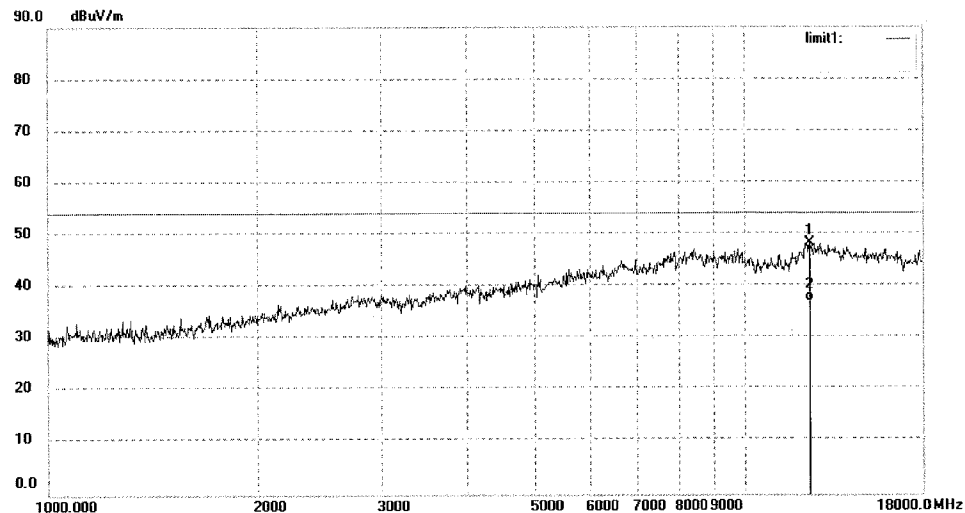
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1756
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2441MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 1:06:59
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12398.203	10.07	38.30	48.37	74.00	-25.63	peak			
2	12398.203	-1.30	38.30	37.00	54.00	-17.00	AVG			


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Site: 2# Chamber

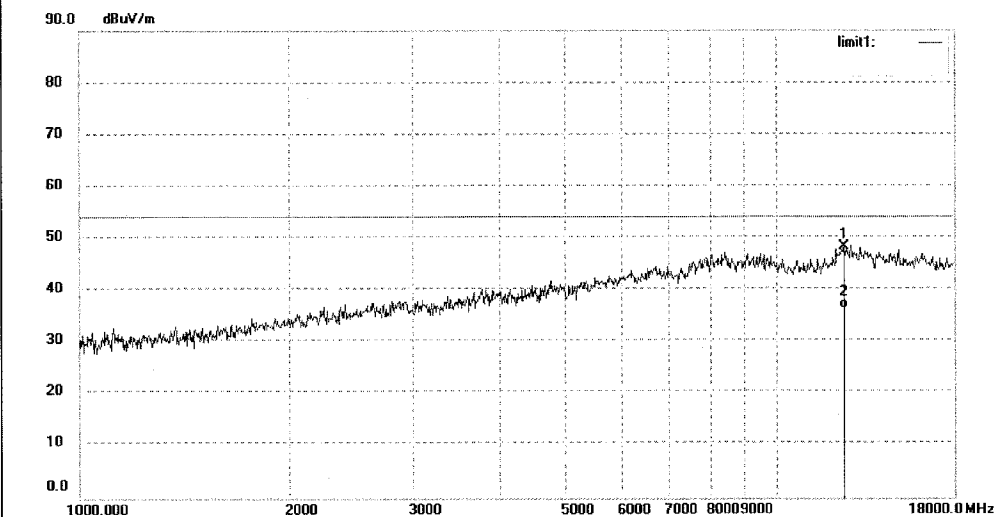
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1755
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2441MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 0:55:57
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12508.436	9.91	38.41	48.32	74.00	-25.68	peak			
2	12508.436	-2.11	38.41	36.30	54.00	-17.70	AVG			


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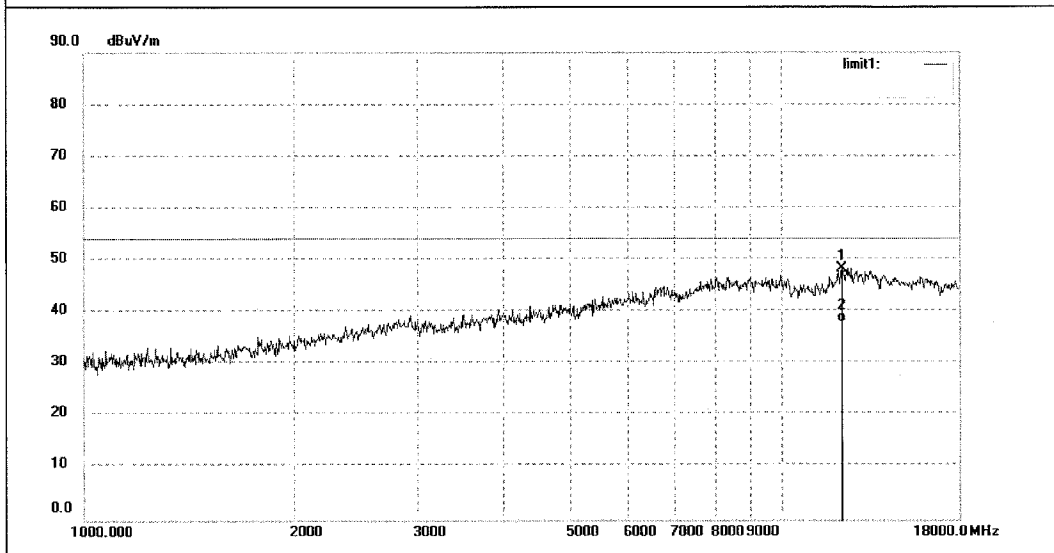
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1757
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 1:14:11
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12225.953	10.13	38.13	48.26	74.00	-25.74	peak			
2	12225.953	-0.23	38.13	37.90	54.00	-16.10	AVG			


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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1758

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: RX 2480MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

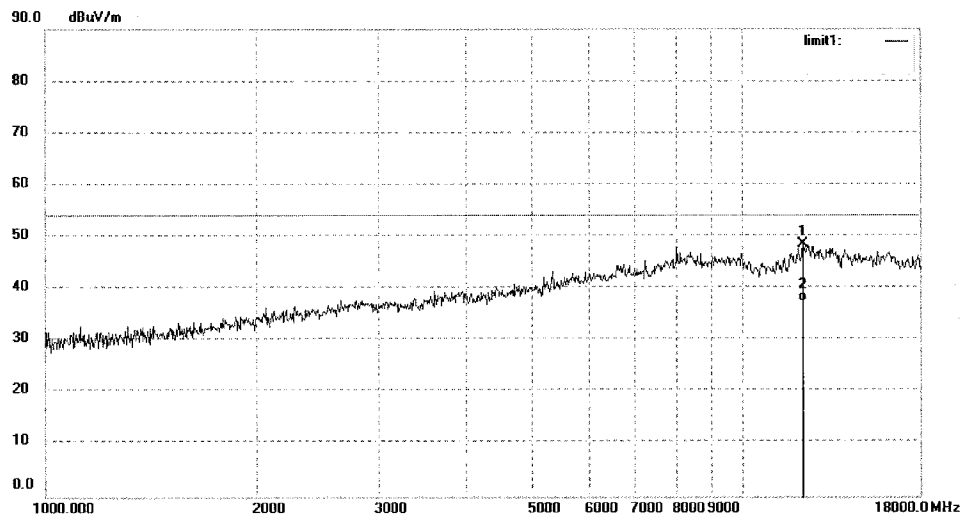
Date: 2013-4-20

Time: 1:25:05

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12222.059	10.44	38.12	48.56	74.00	-25.44	peak			
2	12222.374	-0.62	38.12	37.50	54.00	-16.50	AVG			


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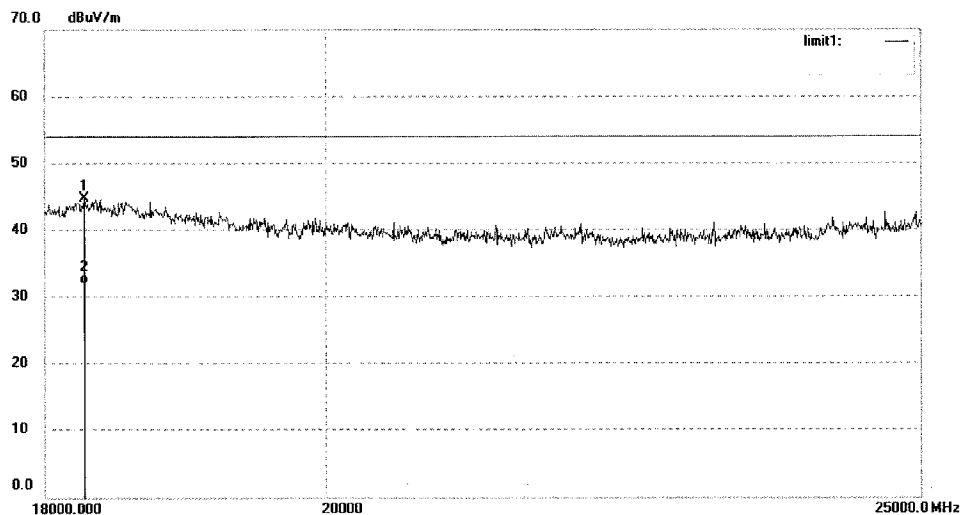
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1777
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 11:24:46
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18274.620	28.01	16.70	44.71	74.00	-29.29	peak			
2	18274.620	15.26	16.70	31.96	54.00	-22.04	AVG			


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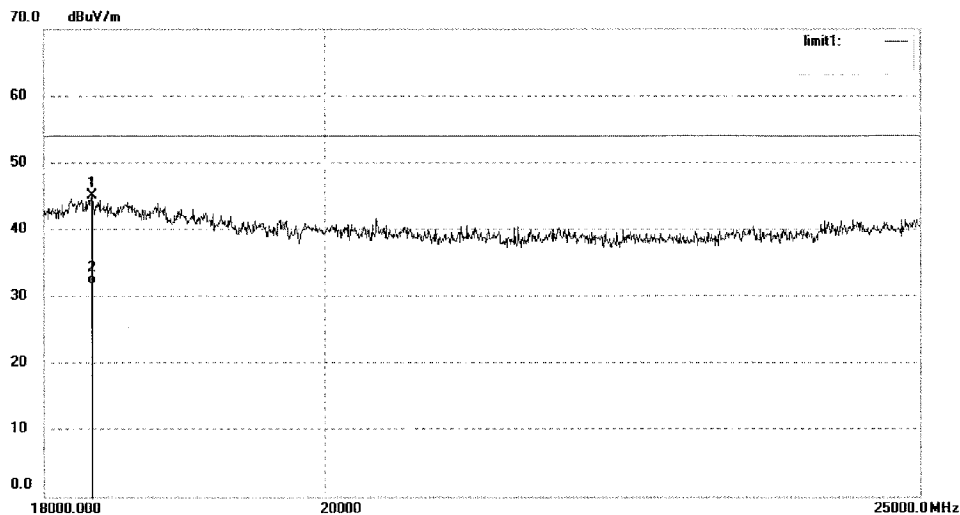
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1778
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 11:32:54
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18328.838	28.23	16.82	45.05	74.00	-28.95	peak			
2	18328.838	14.96	16.82	31.78	54.00	-22.22	AVG			


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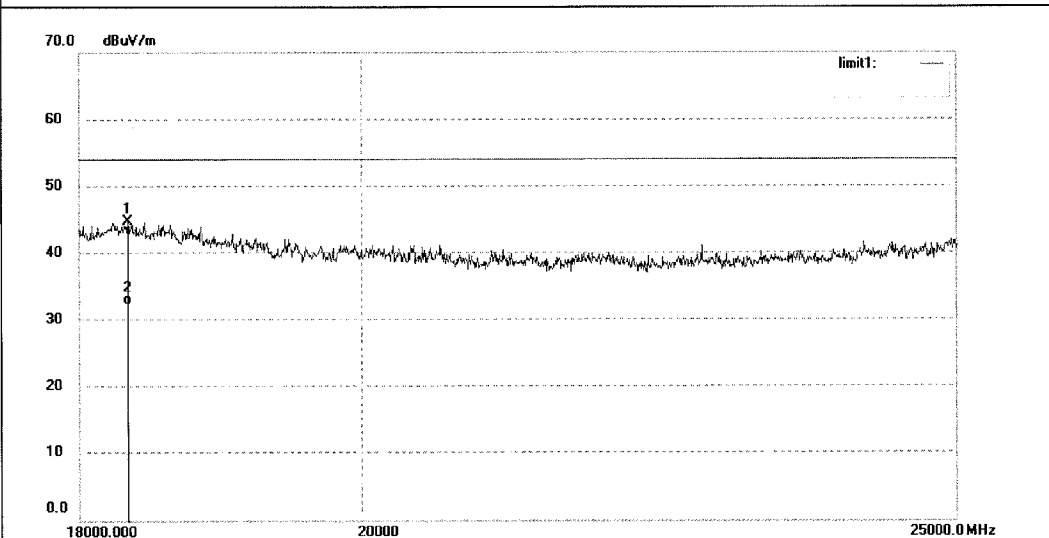
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1780
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2441MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 11:53:19
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18328.838	27.88	16.82	44.70	74.00	-29.30	peak			
2	18328.838	15.39	16.82	32.21	54.00	-21.79	AVG			


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Site: 2# Chamber

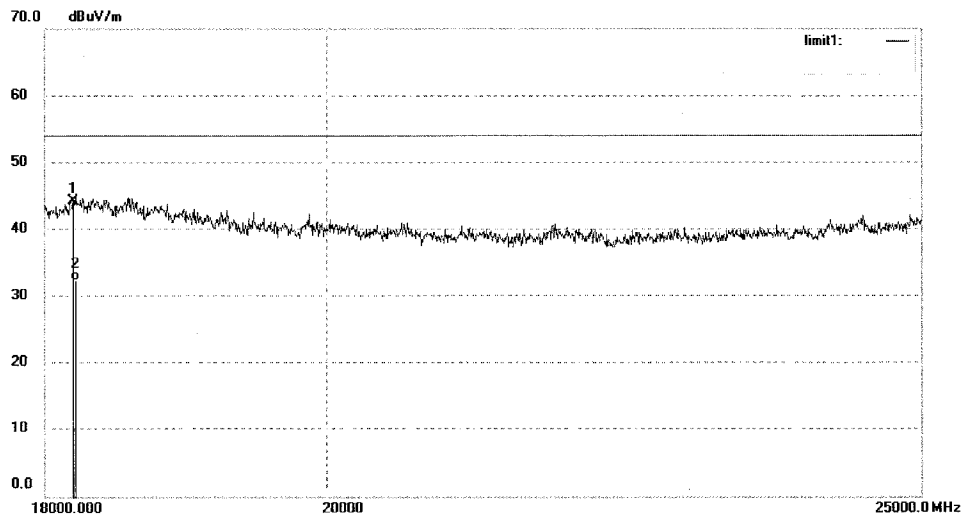
Tel:+86-0755-26503290

Fax: +86-0755-26503396

Job No.: PYH #1779
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2441MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 11:44:30
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18190.600	27.66	16.52	44.18	74.00	-29.82	peak			
2	18190.600	15.74	16.52	32.26	54.00	-21.74	AVG			


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Fax:+86-0755-26503396

Job No.: PYH #1781

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: RX 2480MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

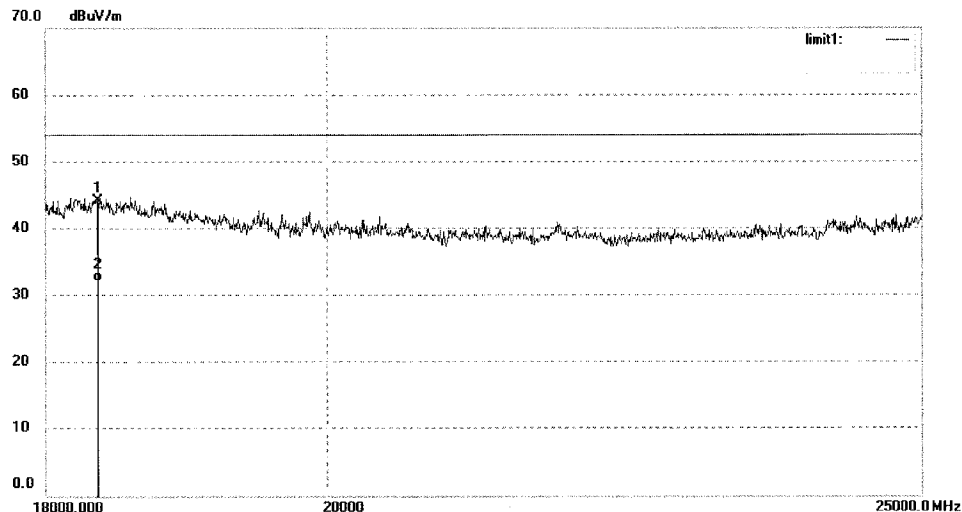
Date: 2013-4-20

Time: 12:07:48

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18352.987	27.36	16.88	44.24	74.00	-29.76	peak			
2	18352.987	15.31	16.88	32.19	54.00	-21.81	AVG			


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Site: 2# Chamber

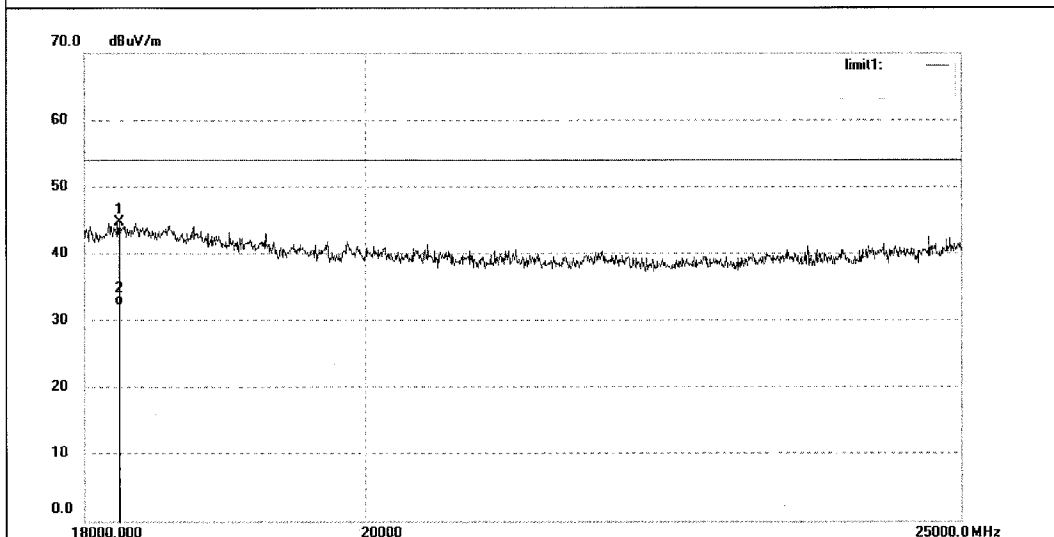
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1782
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: RX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 12:13:26
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18232.561	28.03	16.61	44.64	74.00	-29.36	peak			
2	18232.561	15.64	16.61	32.25	54.00	-21.75	AVG			

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Test Report No.
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Test Plot of Frequency Band Edge


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Site: 2# Chamber

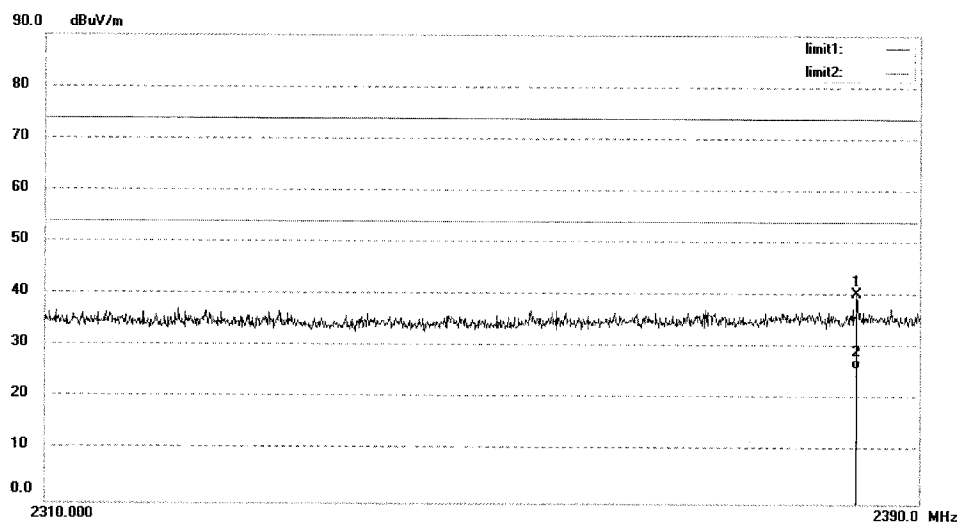
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1745
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2402MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-19
Time: 23:09:26
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2384.202	47.96	-7.56	40.40	74.00	-33.60	peak			
2	2384.202	33.46	-7.56	25.90	54.00	-28.10	AVG			


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Job No.: PYH #1746

Standard: FCC (Band Edge)

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-14T004

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

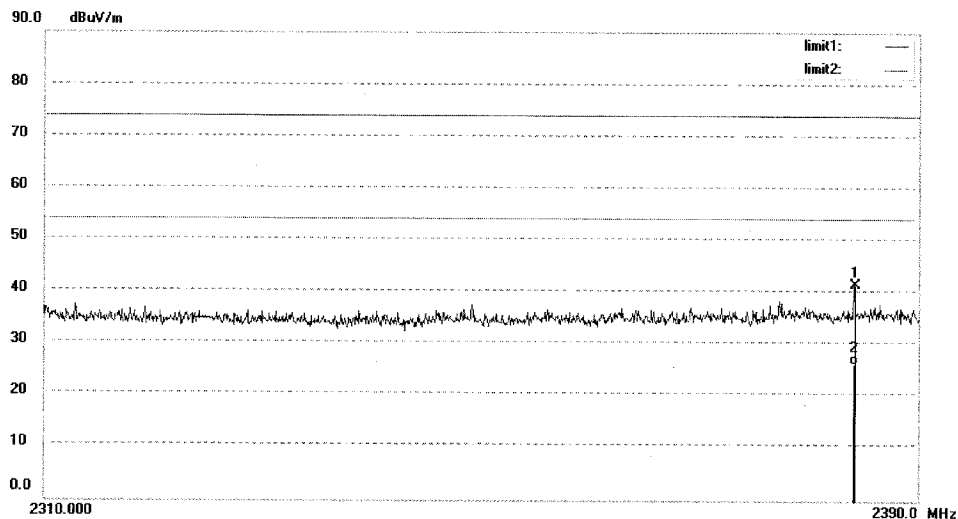
Date: 2013-4-19

Time: 23:18:28

Engineer Signature: PEI

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2384.069	49.06	-7.56	41.50	74.00	-32.50	peak			
2	2384.069	33.66	-7.56	26.10	54.00	-27.90	AVG			


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Site: 2# Chamber

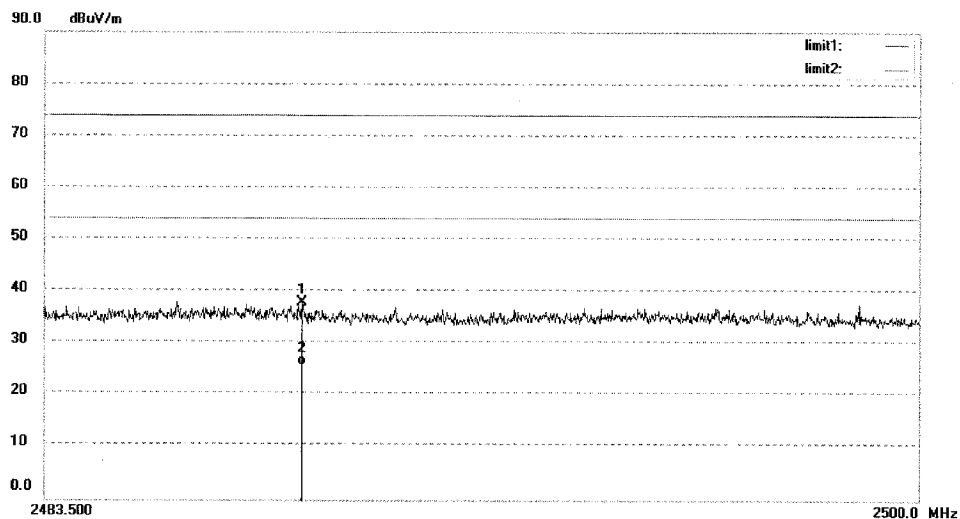
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1752
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 0:24:32
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2488.366	45.26	-7.38	37.88	74.00	-36.12	peak			
2	2488.366	33.08	-7.38	25.70	54.00	-28.30	AVG			


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Site: 2# Chamber

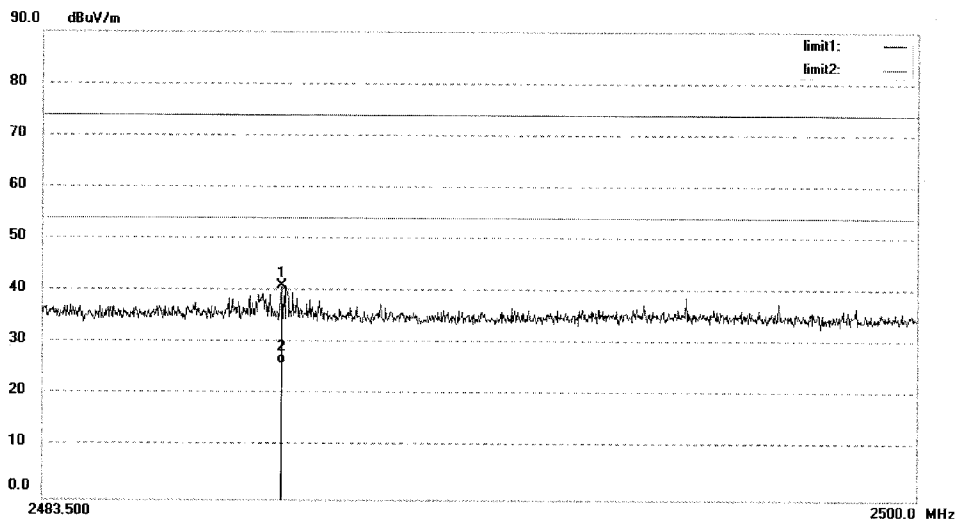
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PYH #1751
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 55 %
EUT: Tablet
Mode: TX 2480MHz
Model: NS-14T004
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2013-4-20
Time: 0:15:35
Engineer Signature: PEI
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2488.021	48.35	-7.38	40.97	74.00	-33.03	peak			
2	2488.021	33.38	-7.38	26.00	54.00	-28.00	AVG			

5.1.6 Frequency Separation

RESULT:

Pass

Date of testing	:	2013-04-18
Test standard	:	FCC part 15.247(a)(1) RSS-210 A8.1(b)
Basic standard	:	ANSI C63.4: 2003
Limit	:	≥ 25kHz or two-thirds of 20dB bandwidth, whichever is greater
Kind of test site	:	Shield room

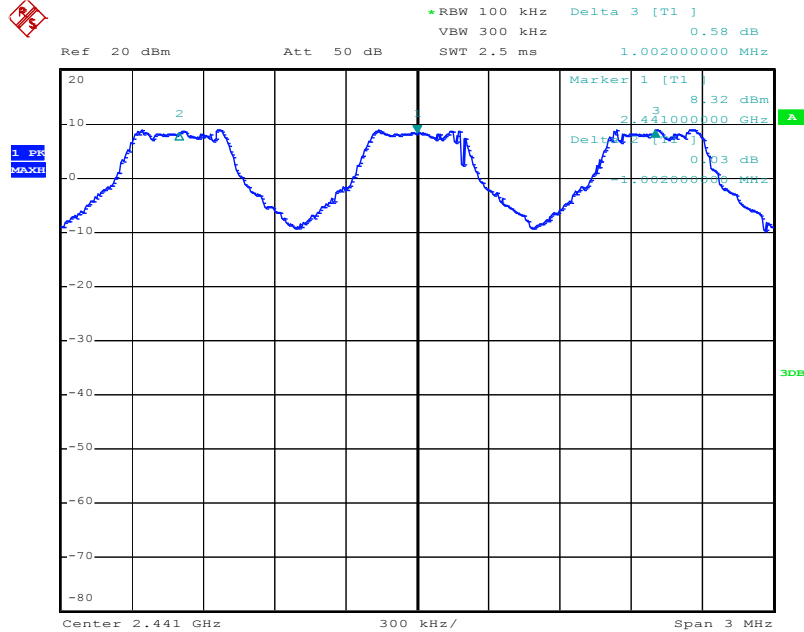
Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

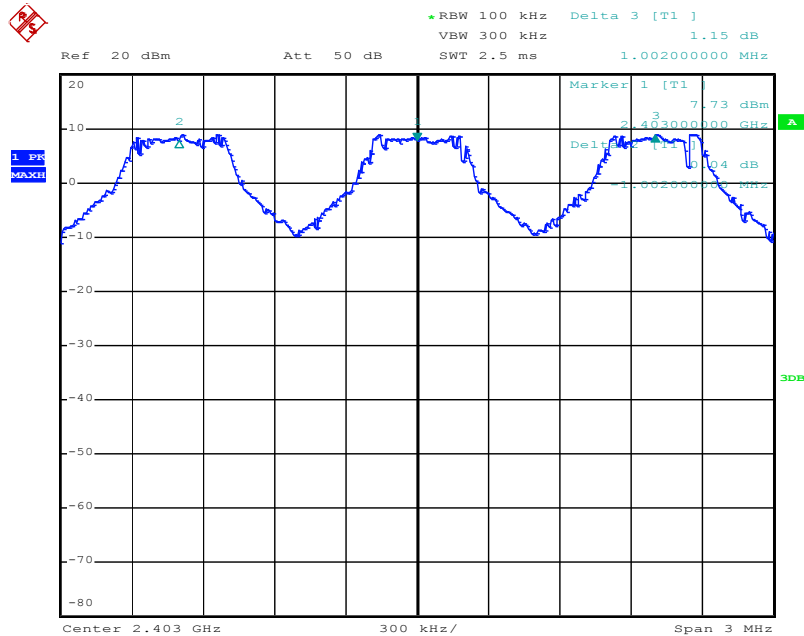
Table 8: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.002	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.002	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.002	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

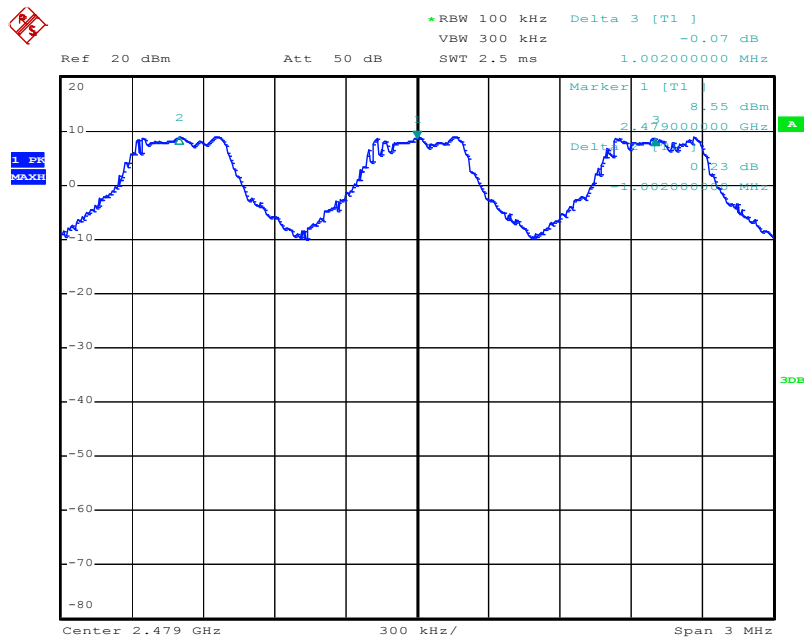
Test Plot of Frequency Separation



Date: 18.APR.2013 18:17:39



Date: 18.APR.2013 18:20:47



Date: 18.APR.2013 18:22:55

Prüfbericht - Nr.: 17032143 001
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Page 73 of 81**5.1.7 Number of hopping frequency****RESULT:****Pass**

Date of testing : 2013-04-18
Test standard : FCC part 15.247(a)(1)(iii)
RSS-210 A8.1(d)
Basic standard : ANSI C63.4: 2003
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

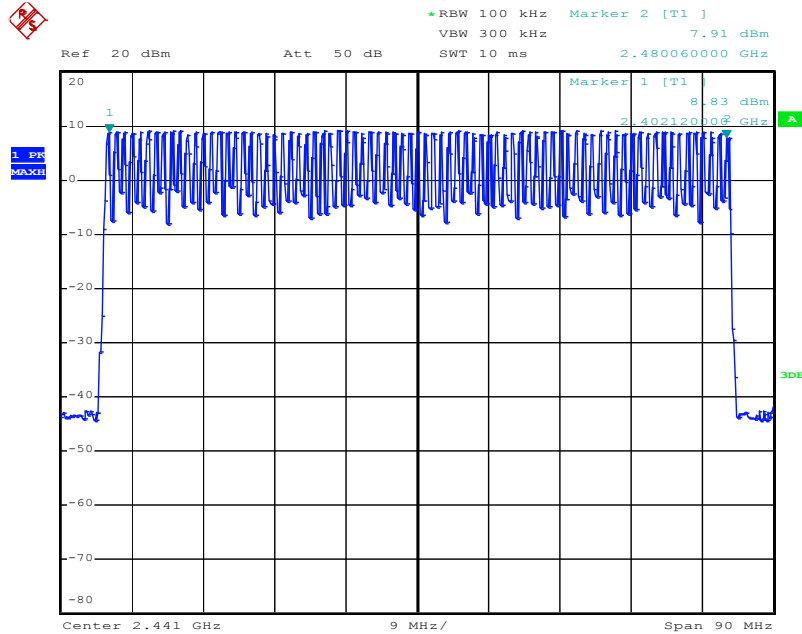
Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

Table 9: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2402 to 2480MHz	79	≥ 15	Pass

Test Plot of Number of hopping frequency



Date: 18.APR.2013 18:14:03

5.1.8 Time of Occupancy

RESULT:

Pass

Date of testing	:	2013-04-18
Test standard	:	FCC part 15.247(a)(1)(iii) RSS-210 A8.1(d)
Basic standard	:	ANSI C63.4: 2003
Limits	:	0.4s
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

Table 10: Test result of Time of Occupancy

Mode	Packet Type	Channel Frequency (MHz)	Packet Duration [ms]	Number of Hops per Channel	Dwell Time (ms)	Limit [ms]
BDR	DH1	2402	0.44	266	117.04	400
		2441	0.44	267	117.48	400
		2480	0.44	266	117.04	400
	DH3	2402	1.72	156	268.32	400
		2441	1.72	143	245.96	400
		2480	1.72	150	258.00	400
	DH5	2402	2.97	109	323.73	400
		2441	2.97	113	335.61	400
		2480	2.97	111	329.67	400
EDR	DH1	2402	0.44	266	117.04	400
		2441	0.44	262	115.28	400
		2480	0.44	271	119.24	400
	DH3	2402	1.72	141	242.52	400
		2441	1.72	151	259.72	400
		2480	1.72	148	254.56	400
	DH5	2402	2.97	101	299.97	400
		2441	3.00	106	318.00	400
		2480	2.97	100	297.00	400

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5.1.9 Conducted emissions**RESULT:****Pass**

Date of testing	:	2013-04-13
Test standard	:	FCC Part 15.207 RSS-210 Clause 2.6
Basic standard	:	ANSI C63.4: 2003
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207 Table 4 of RSS-Gen
Kind of test site	:	Shield room

Test setup

Input Voltage	:	AC 120V, 60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

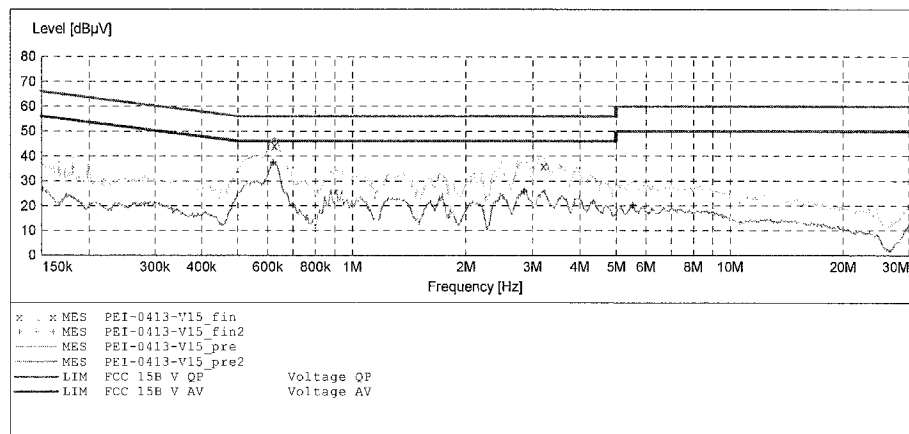
For details refer to following test plot.

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Tablet M/N: NS-14T004
 Manufacturer: Keen High
 Operating Condition: On with Bluetooth
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment:
 Start of Test: 4/13/2013 / 4:14:50PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "PEI-0413-V15_fin"

4/13/2013 4:17PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.626268	44.10	12.6	56	11.9	QP	L1	GND
3.217975	35.90	12.3	56	20.1	QP	L1	GND

MEASUREMENT RESULT: "PEI-0413-V15_fin2"

4/13/2013 4:17PM

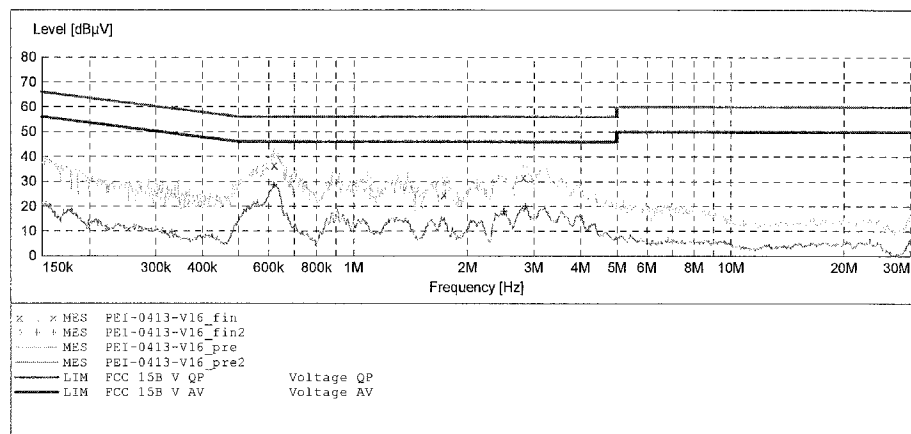
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.621288	37.20	12.6	46	8.8	AV	L1	GND
2.843398	25.70	12.3	46	20.3	AV	L1	GND
5.538187	20.10	12.2	50	29.9	AV	L1	GND

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Tablet M/N: NS-14T004
 Manufacturer: Keen High
 Operating Condition: On with Bluetooth
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment:
 Start of Test: 4/13/2013 / 4:17:44PM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: SUB STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "PEI-0413-V16_fin"

4/13/2013 4:20PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.621288	36.60	12.6	56	19.4	QP	N	GND
1.733234	24.70	12.4	56	31.3	QP	N	GND
2.820786	31.60	12.3	56	24.4	QP	N	GND

MEASUREMENT RESULT: "PEI-0413-V16_fin2"

4/13/2013 4:20PM

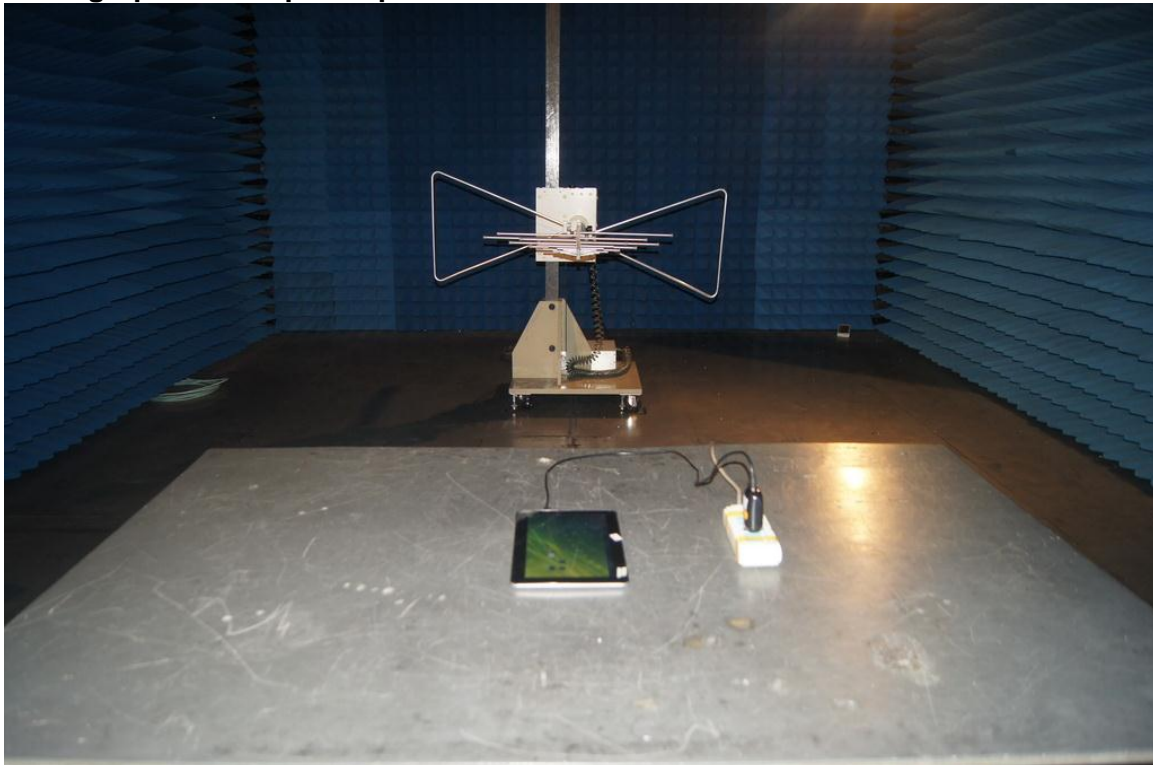
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.621288	28.40	12.6	46	17.6	AV	N	GND
2.502412	17.90	12.4	46	28.1	AV	N	GND
2.854771	19.90	12.3	46	26.1	AV	N	GND

6. Photographs of the Test Set-Up

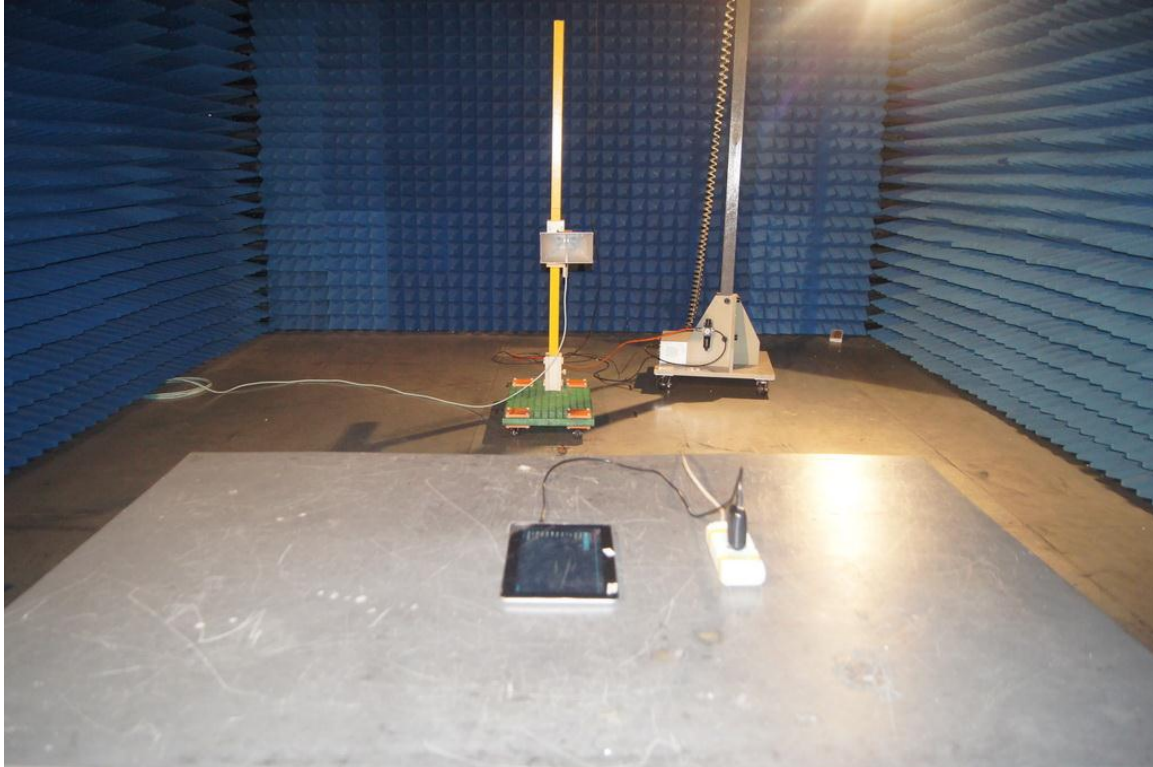
Photograph 1: Set-up for Conducted Emissions



Photograph 2: Set-up for Spurious Emissions below 1GHz



Photograph 3: Set-up for Spurious Emissions above 1GHz



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