

Prüfbericht-Nr.: Test Report No.:	17040437 003	Auftrags-Nr.: Order No.:	164014360	Seite 1 von 268 Page 1 of 268	
Kunden-Referenz-Nr.: Client Reference No.:	N/A	Auftragsdatum: Order date:	20.05.2014		
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-15AT10				
Auftrags-Inhalt: Order content:	FCC/IC Certification				
Prüfgrundlage: Test specification:	CFR47 FCC Part 15: Subpart C Section 15.247	CFR47 FCC Part 15: Subpart C Section 15.407	CFR47 FCC Part 15: Subpart C Section 15.207	CFR47 FCC Part 15: Subpart C Section 15.209	RSS-Gen Issue 3 December 2010
Wareneingangsdatum: Date of receipt:	25.05.2014				
Prüfmuster-Nr.: Test sample No.:	A000073356-001, A000073356-002, A000073356-003				
Prüfzeitraum: Testing period:	27.05.2014 - 07.06.2014				
Ort der Prüfung: Place of testing:	Accurate Technology Co., Ltd. Shenzhen Academy of Metrology and Quality Inspection				
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.				
Prüfergebnis*: Test result*:	Pass				
geprüft von / tested by:		kontrolliert von / reviewed by:			
13.06.2014	Owen Tian/Project Manager	13.06.2014	Sam Lin/Technical Certifier		
Datum Date	Name / Stellung Name / Position	Unterschrift Signature	Datum Date	Name / Stellung Name / Position	Unterschrift Signature
Sonstiges / Other.					
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:			Prüfmuster vollständig und unbeschädigt Test item complete and undamaged		
<p>* 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</p> <p>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</p>					
<p>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></p>					

v04

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 26dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 6dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.5 POWER SPECTRAL DENSITY***RESULT: Pass***5.1.6 OUTSIDE BAND EMISSIONS***RESULT: Pass***5.1.7 SPURIOUS EMISSION***RESULT: Pass***5.1.8 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

Shenzhen Academy of Metrology and Quality Inspection

(FCC Registration No.: 979748)

(Test site Industry Canada No.: 144376)

NETC Building, No. 4 Tongfa Rd., Xili, Nanshan, Shenzhen, 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	2015-01-11
Test Receiver	Rohde&Schwarz	ESCS30	100307	2015-01-11
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2015-01-11
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2015-01-11
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2015-01-11
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2015-01-11
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	2015-01-11
Temp. & Humid. Chamber	Gongwen	HSD-500	0109	2015-01-11
Transmitter spurious emissions & Receiver spurious emissions (SMQ) (for 26.5 - 40GHz)				
EMI Receiver	Rohde & Schwarz	ESC13	SB9058/05	2015-05-02
EMI Receiver	Rohde & Schwarz	ESU40	SB8501/09	2014-05-14
Horn Antenna	Rohde & Schwarz	3160-10	SB8501/12	2014-05-14
Radio Spectrum Test				
EMI Test Receiver	Rohde&Schwarz	ESPI-3	100396/003	2015-01-11
Spectrum Analyzer	Agilent	E7405A	MY45115511	2015-01-11
Temp. & Humid. Chamber	Gongwen	HSD-500	0109	2015-01-11
Conducted Emission				
Test Receiver	Rohde&Schwarz	ESCS30	100307	2015-01-11
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2015-01-11
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100815	2015-01-11
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2015-01-11

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	< ± 0.60 dB
Radiated emission of transmitter, valid up to 40 GHz	< ± 4.42 dB
Conducted Emission	< ± 2.23 dB
Radiated Emission	< ± 4.42 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 and Shenzhen Academy of Metrology and Quality Inspection test facility located at NETC Building, No. 4 Tongfa Rd., Xili, Nanshan, Shenzhen, China are 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

Technical Specification	Value
Kind of Equipment	Tablet
Type Designation	NS-15AT10
FCC ID	XUZNS-15AT10
IC	10558A-NS15AT10
Operating Frequency band	5180 – 5240MHz, 5745 – 5825MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Antenna Gain	0.52dBi

Table 4: Technical Specification of Wi-Fi

Item	Description		
	IEEE 802.11a	IEEE 802.11n (HT20)	IEEE 802.11n (HT40)
Operating Frequency band (MHz)	5180 – 5240MHz, 5745 – 5825MHz	5180 – 5240MHz, 5745 – 5825MHz	5190 – 5230MHz, 5755 – 5795MHz
Channel Number	9	9	4
Modulation	OFDM (BPSK, QPSK, 16-QAM, 64-QAM)	OFDM (BPSK, QPSK, 16-QAM, 64- QAM)	OFDM (BPSK, QPSK, 16- QAM, 64-QAM)
Data Rate (Mbps)	6, 9, 12, 18, 24, 36, 48, 54	MCS0 ~ MCS31	MCS0 ~ MCS31
Transmitter Output Power (Typical) (dBm)	9	5	5
Media Access Protocol	CSMA/CA with ACK	CSMA/CA with ACK	CSMA/CA with ACK

Table 5: Carrier Frequency of 802.11a & 802.11n (HT20)

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5180 – 5240MHz, 5745 – 5825MHz	36	5180 MHz	153	5765 MHz
	40	5200 MHz	157	5785 MHz
	44	5220 MHz	161	5805 MHz
	48	5240 MHz	165	5825 MHz
	149	5745 MHz		

Table 6: Carrier Frequency of 802.11n (HT40)

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5190 – 5230MHz, 5755 – 5795MHz	38	5190 MHz	151	5755 MHz
	46	5230 MHz	159	5795 MHz

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi mode (5180 – 5240MHz or 5190 – 5230MHz)
 1. Transmitting
 - a. Low Channel
 - b. High Channel
 2. Receiving
- B. On, Wi-Fi mode (5745 – 5825MHz or 5755 – 5795MHz)
 1. Transmitting
 - a. Low Channel
 - b. High Channel
 2. Receiving
- C. Standby
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

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

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	Ktec	KSAPK0110500200FU	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 ERM Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

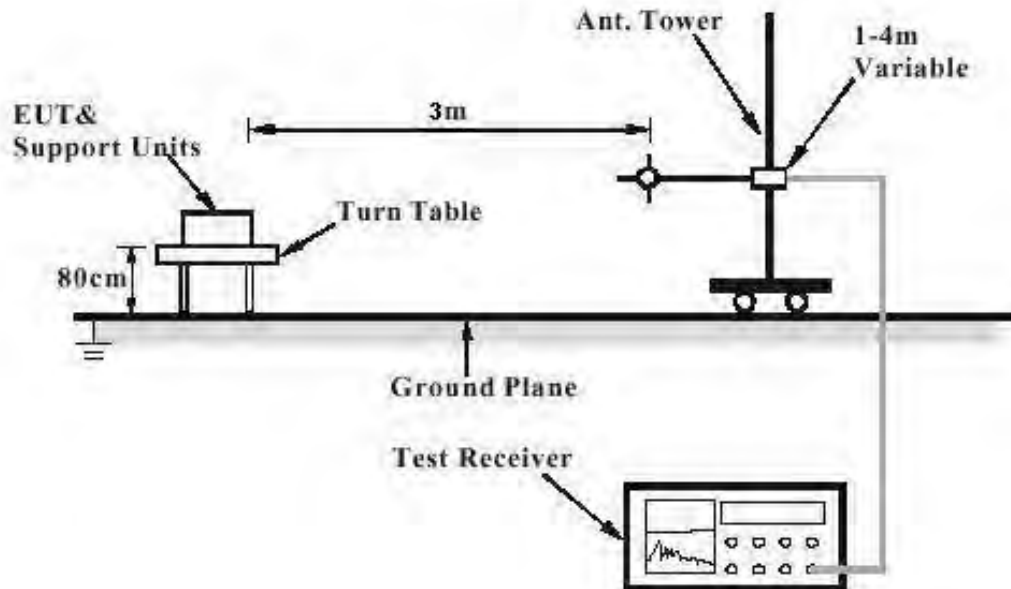


Diagram of Measurement Equipment Configuration for Conduction Measurement

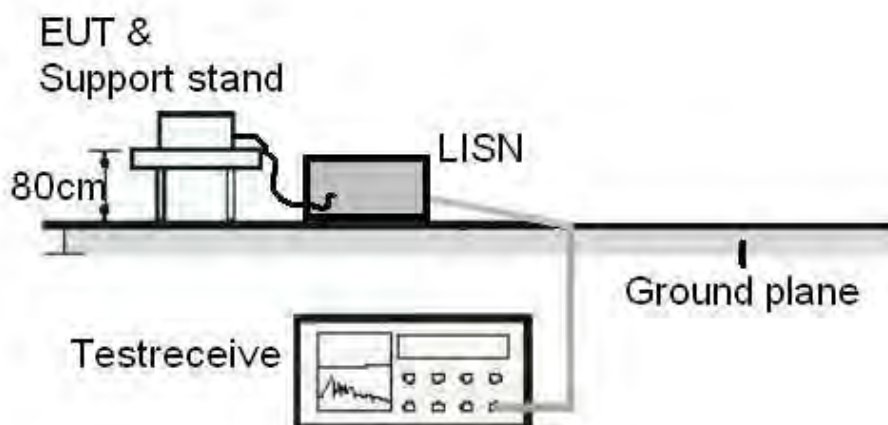
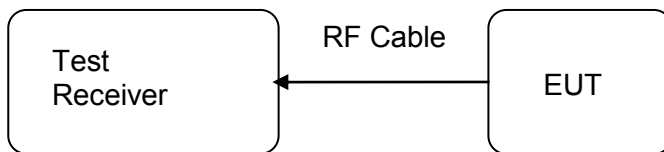


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	FCC Part 15.407(a)(1) 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 0.52dBi, 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 : 2014-06-05
 Test standard : FCC Part 15.407(a)(1) for 5180 – 5240MHz & 5190 – 5230MHz
 FCC Part 15.247(b)(3) for 5745 – 5825MHz & 5755 – 5795MHz
 RSS-210 A8.4(4)
 Basic standard : ANSI C63.4: 2003
 Limit : 50mW, 1W
 Kind of test site : Shielded room

Test setup

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

Table 7: Test result of Peak Output Power of 802.11a

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	5180	12.16	17
High Channel	5240	12.21	17
Low Channel	5745	16.20	30
High Channel	5825	15.25	30

Table 8: Test result of Peak Output Power of 802.11n (HT20) (one antenna)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	5180	6.81	17
High Channel	5240	7.00	17
Low Channel	5745	14.91	30
High Channel	5825	13.75	30

Table 9: Test result of Peak Output Power of 802.11n (HT20) (two antenna)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	5180	10.13	17
High Channel	5240	10.22	17
Low Channel	5745	17.68	30
High Channel	5825	17.00	30

Table 10: Test result of Peak Output Power of 802.11n (HT40) (one antenna)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	5190	6.15	17
High Channel	5230	2.99	17
Low Channel	5755	14.14	30
High Channel	5795	13.76	30

Table 11: Test result of Peak Output Power of 802.11n (HT40) (two antenna)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	5190	8.84	17
High Channel	5230	8.78	17
Low Channel	5755	17.45	30
High Channel	5795	17.04	30

5.1.4 6dB Bandwidth and 99% Bandwidth

RESULT:
Pass

Date of testing : 2014-05-30
 Test standard : FCC Part 15.247(a)(2)
 : RSS-210 A8.2(a)
 Basic standard : ANSI C63.4: 2003
 Kind of test site : Shielded room

Test setup

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

Table 15: Test result of 6dB & 99% Bandwidth of 802.11a

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	5745	16.585	16.324
High Channel	5825	16.237	16.377

Table 16: Test result of 6dB & 99% Bandwidth of 802.11n (HT20) (one antenna)

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	5745	17.236	17.410
High Channel	5825	17.236	17.410

Table 17: Test result of 6dB & 99% Bandwidth of 802.11n (HT40) (one antenna)

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	5755	37.250	36.208
High Channel	5795	37.077	36.208

5.1.5 Power spectral density

RESULT:
Pass

Date of testing : 2014-05-30
 Test standard : FCC Part 15.407(a)(1) for 5180 – 5240MHz & 5190 – 5230MHz
 FCC part 15.247(e) for 5745 – 5825MHz & 5755 – 5795MHz
 RSS-210 A8.2
 Basic standard : ANSI C63.4: 2003
 Limit : 4dBm/1MHz, 8dBm/3kHz (33dBm/MHz)
 Kind of test site : Shield room

Test setup

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

Table 18: Test result of power spectral density for 5180 – 5240MHz & 5190 – 5230MHz:

Mode	Channel (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Conclusion
802.11a	5180	2.06	4	Pass
	5240	1.97	4	Pass
802.11n (HT20)	5180	-3.22	4	Pass
	5240	-3.09	4	Pass
802.11n (HT40)	5190	-7.34	4	Pass
	5230	-8.32	4	Pass

Table 19: Test result of power spectral density for 5745 – 5825MHz & 5755 – 5795MHz:

Mode	Channel (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Conclusion
802.11a	5745	5.70	33	Pass
	5825	4.95	33	Pass
802.11n (HT40)	5745	4.84	33	Pass
	5825	3.73	33	Pass
802.11n (HT40)	5755	0.63	33	Pass
	5795	0.12	33	Pass

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5.1.6 Outside band emissions

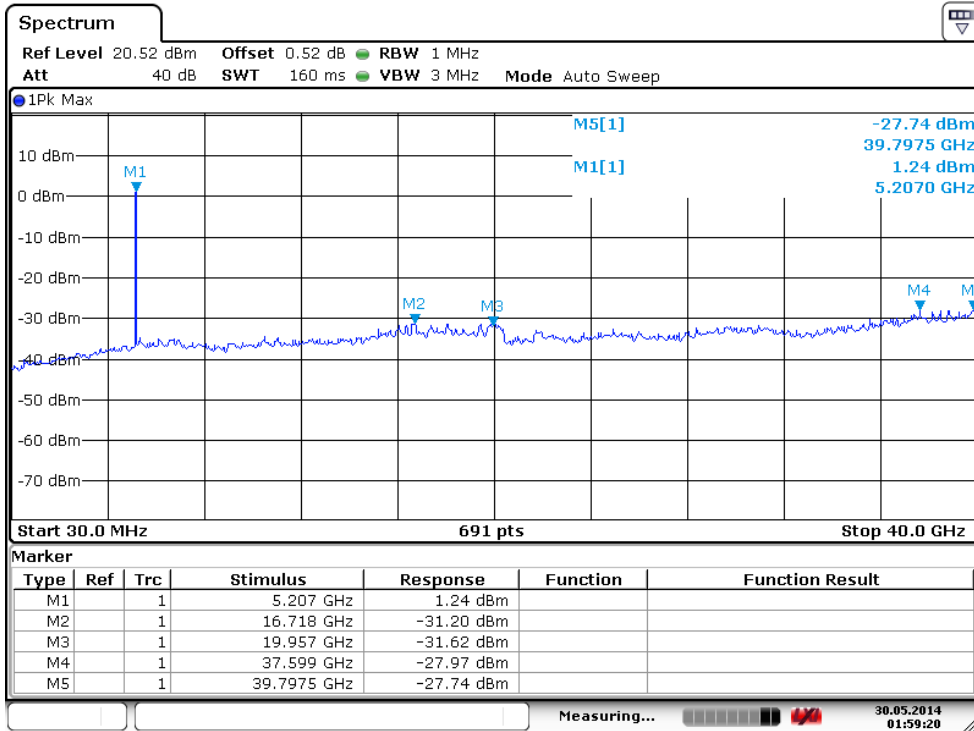
RESULT:**Pass**

Date of testing : 2014-05-30
Test standard : FCC part 15.407(b)(1) for 5180 – 5240MHz &
5190 – 5230MHz
FCC part 15.247(d) for 5745 – 5825MHz &
5755 – 5795MHz
RSS-210 A8.5
Basic standard : ANSI C63.4: 2003
Limit : -27dBm/MHz
Kind of test site : Shield room

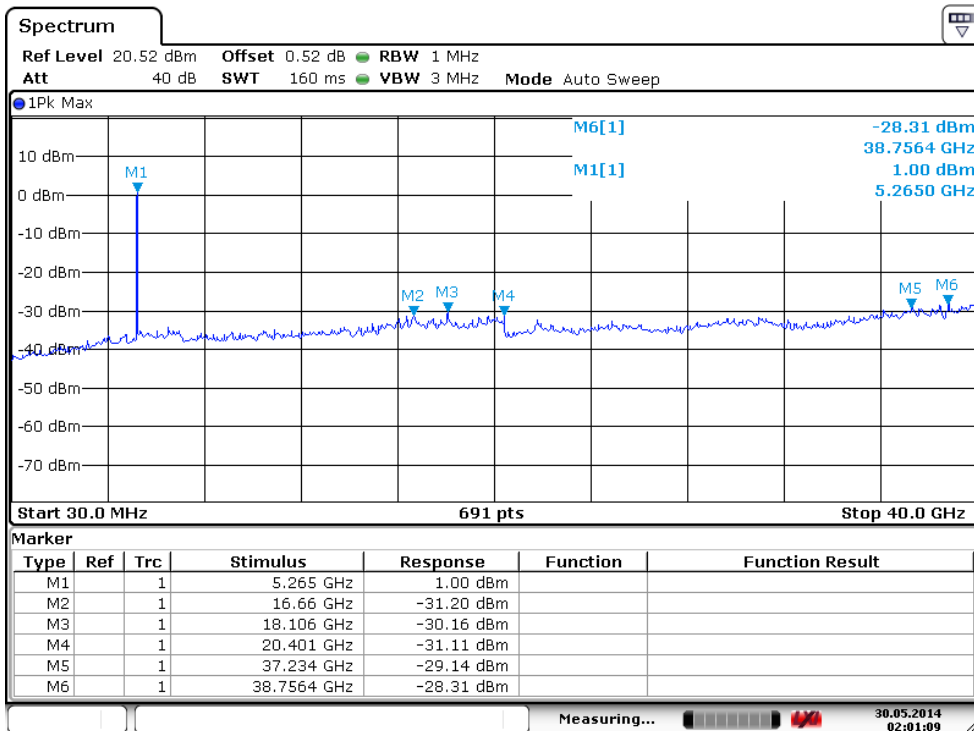
Test setup

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

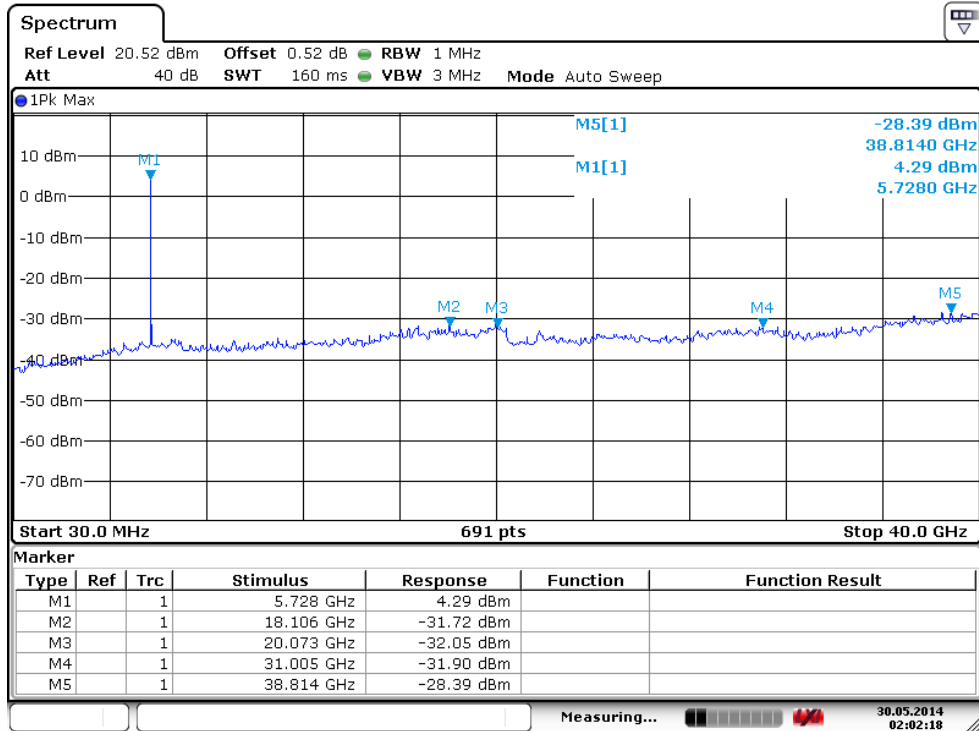
For details refer to following test plot.

Test Plot of outside band emissions of 802.11a
Channel 5180MHz


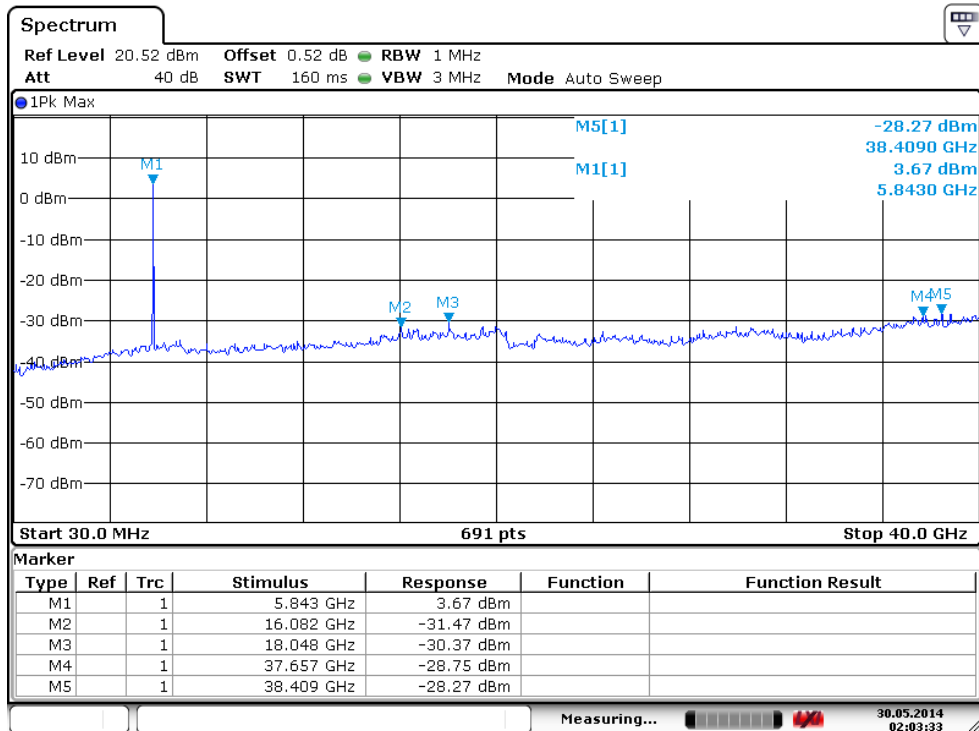
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Channel 5240MHz


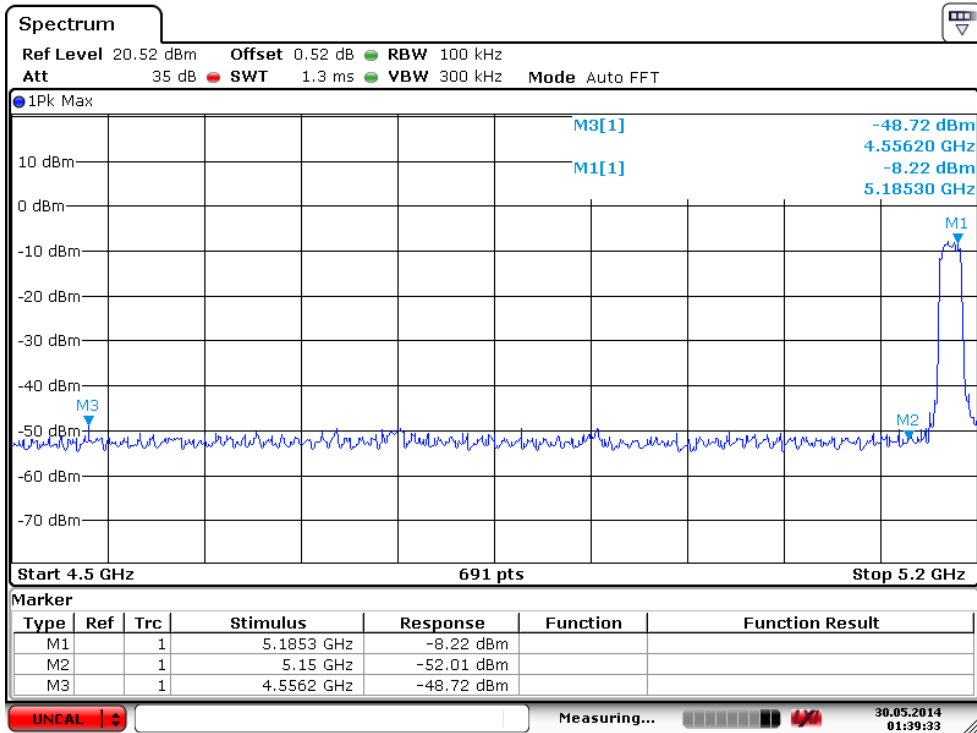
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Channel 5745MHz


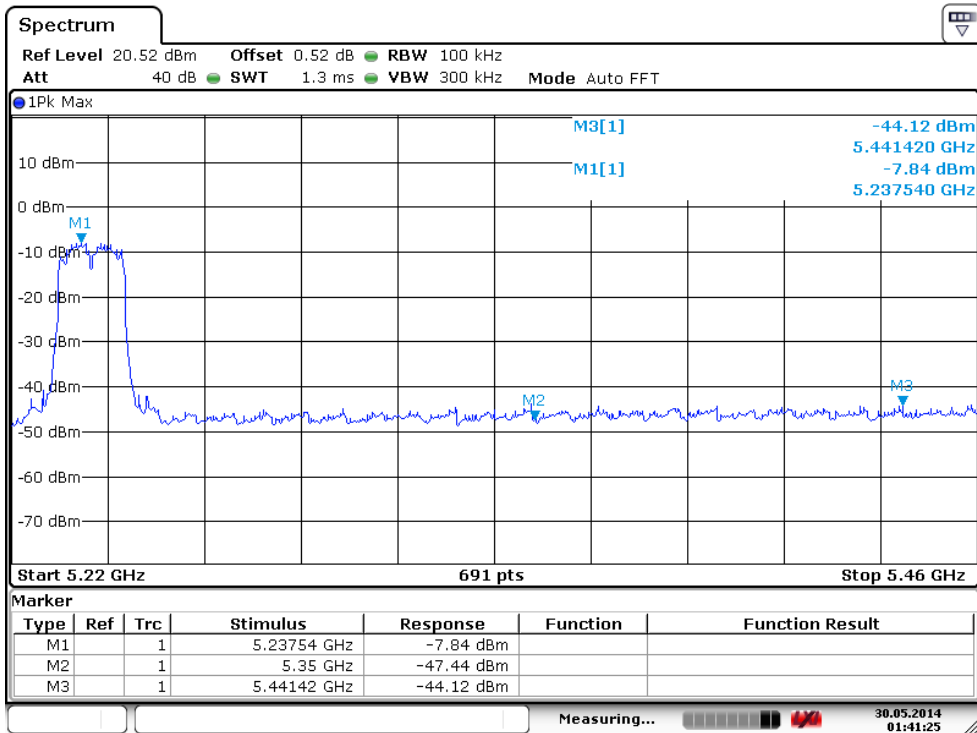
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Channel 5825MHz


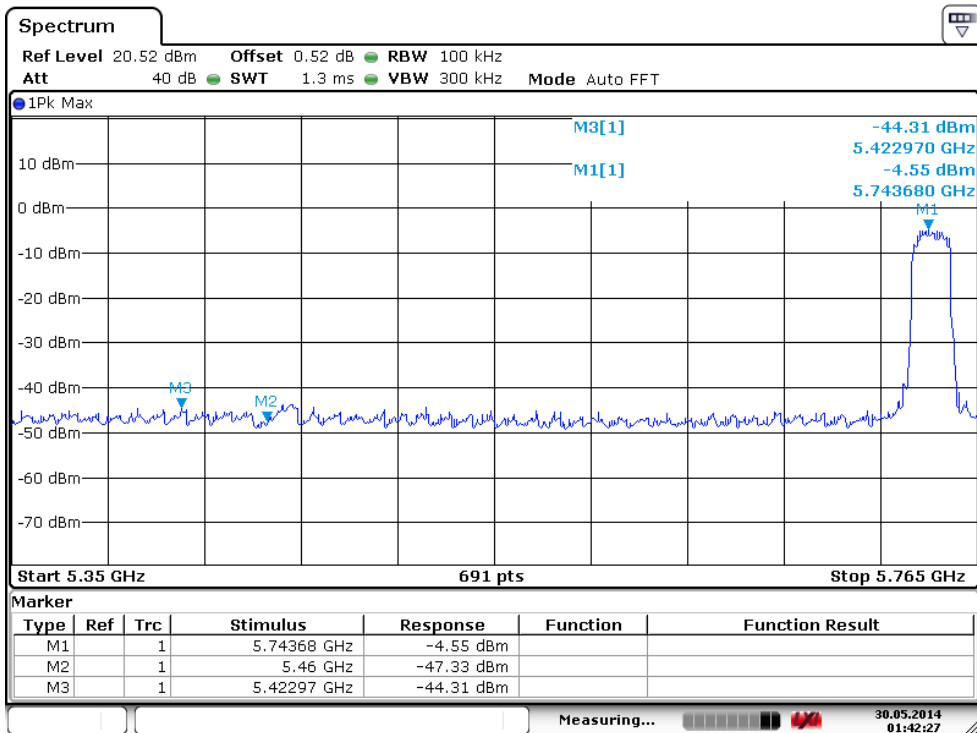
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Band Edge


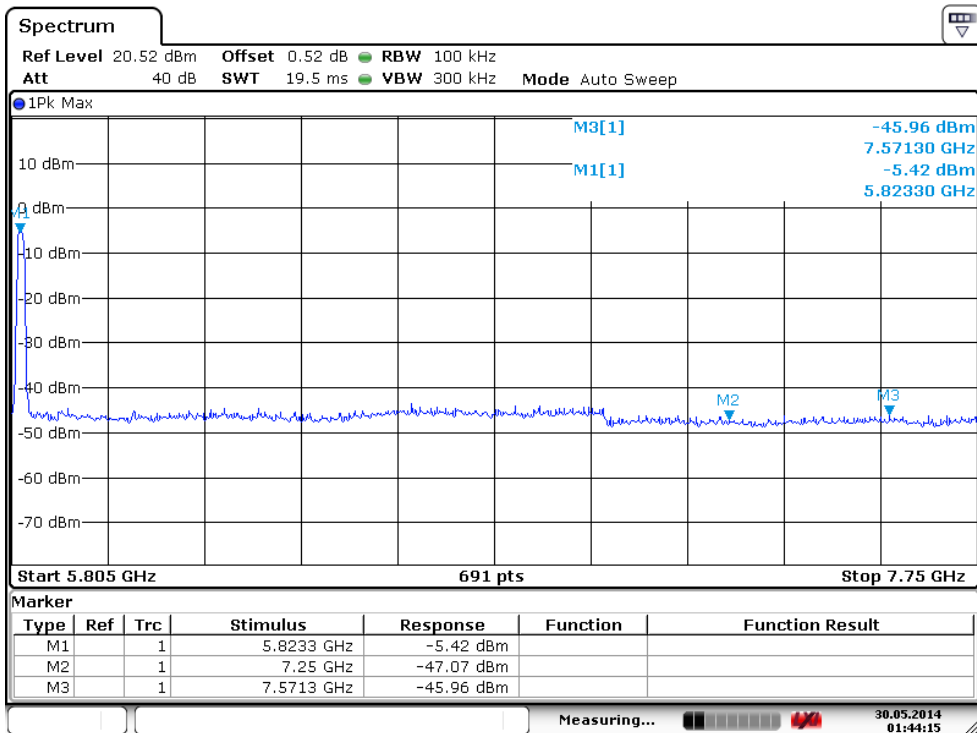
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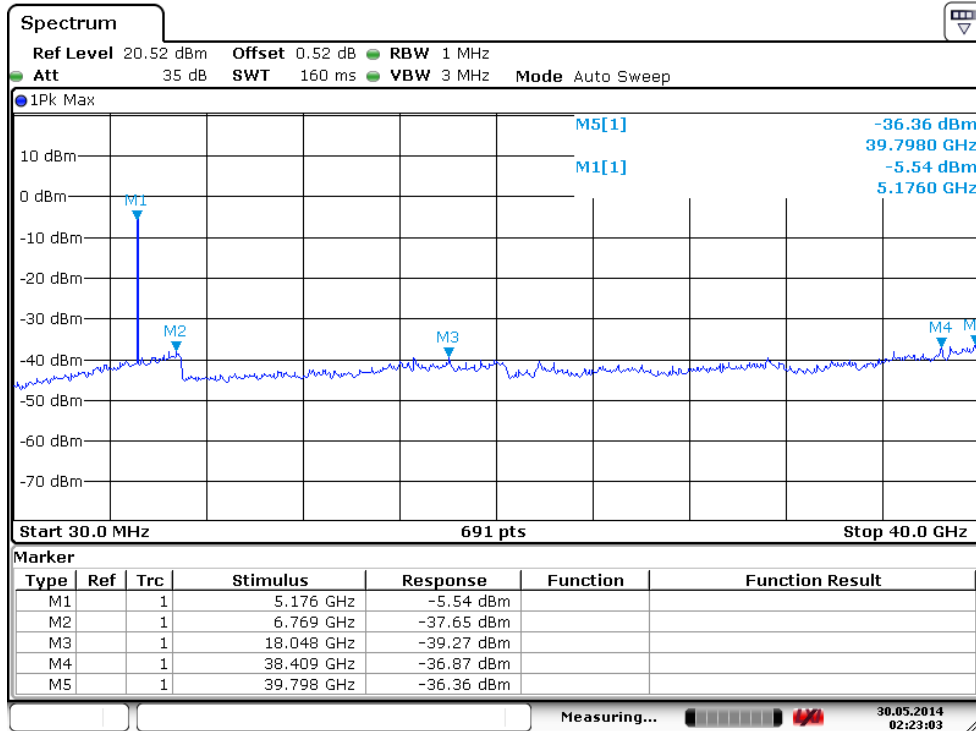
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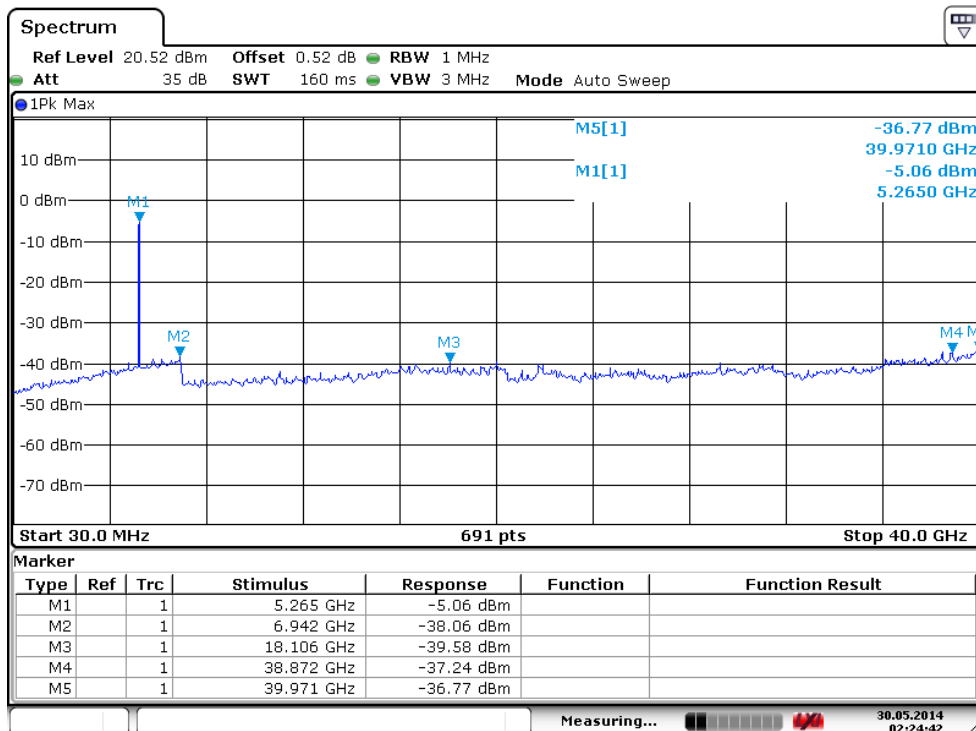
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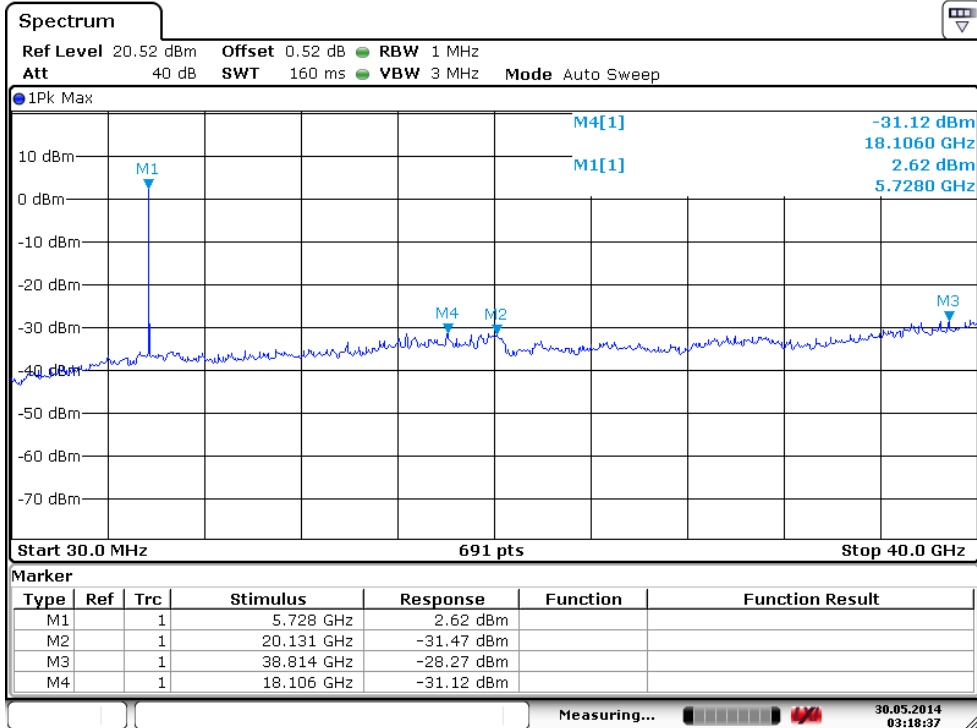
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Test Plot of outside band emissions of 802.11n (HT20)
Channel 5180MHz


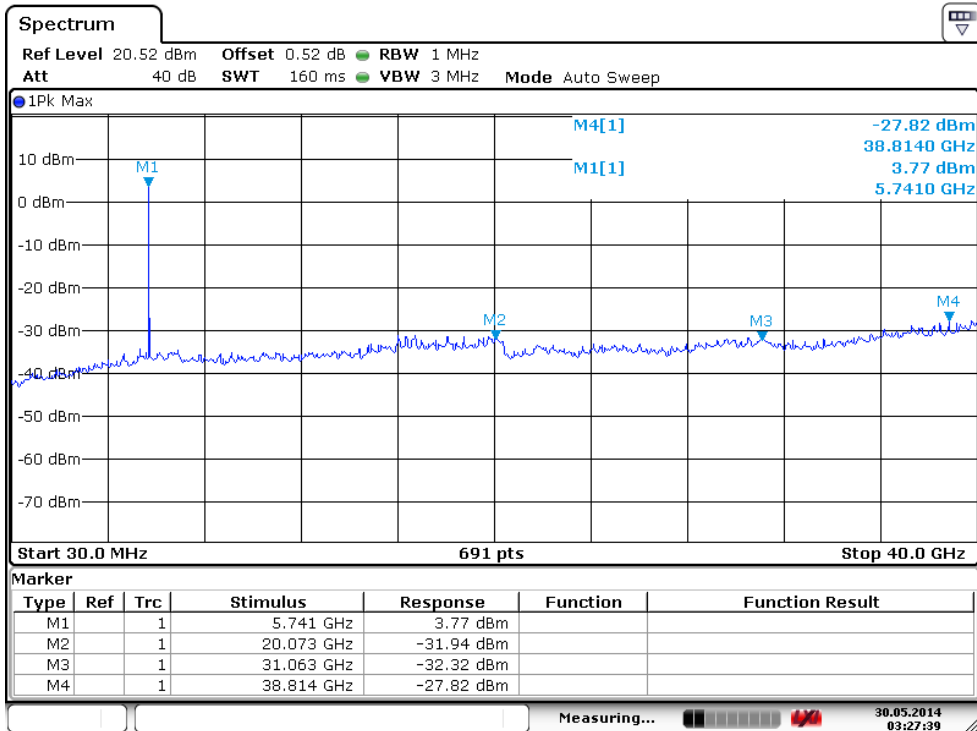
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Channel 5240MHz


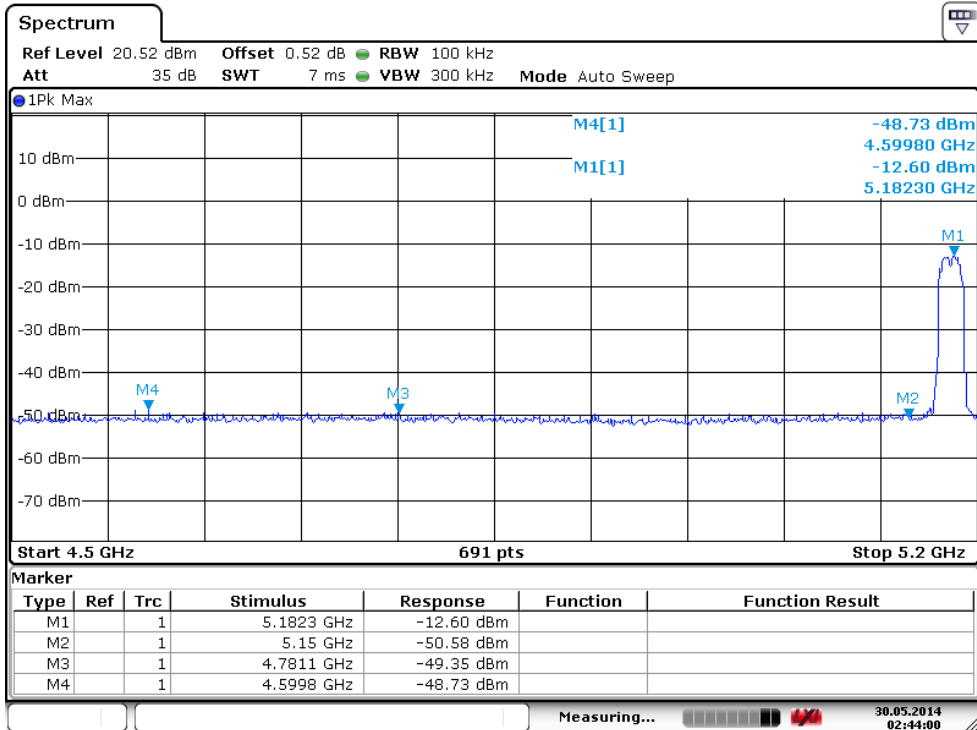
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Channel 5745MHz


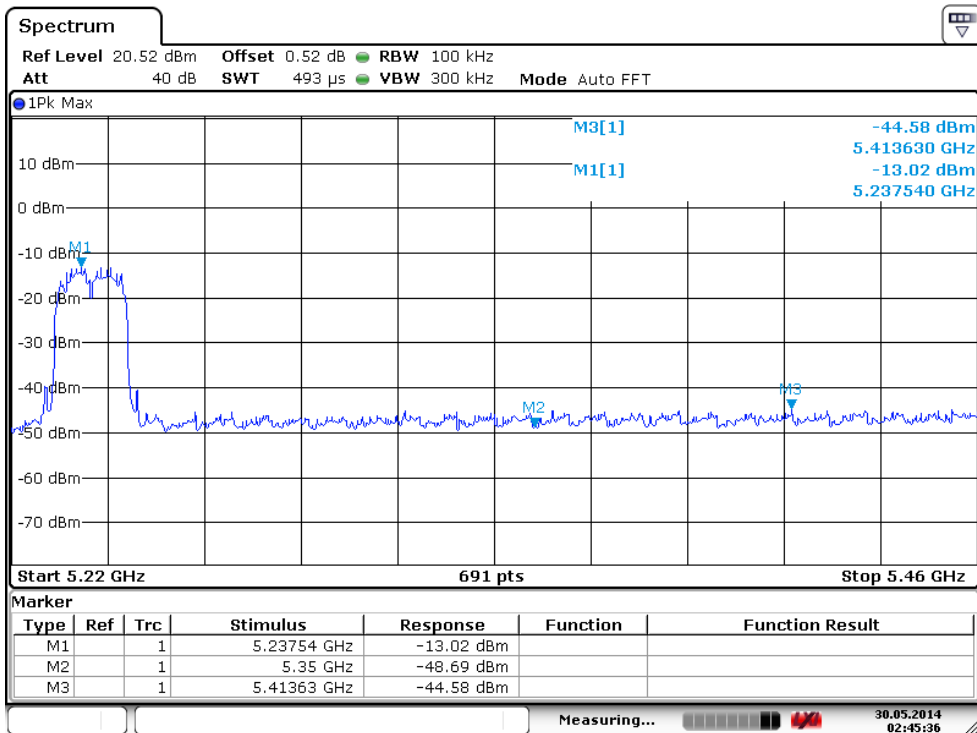
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Channel 5825MHz


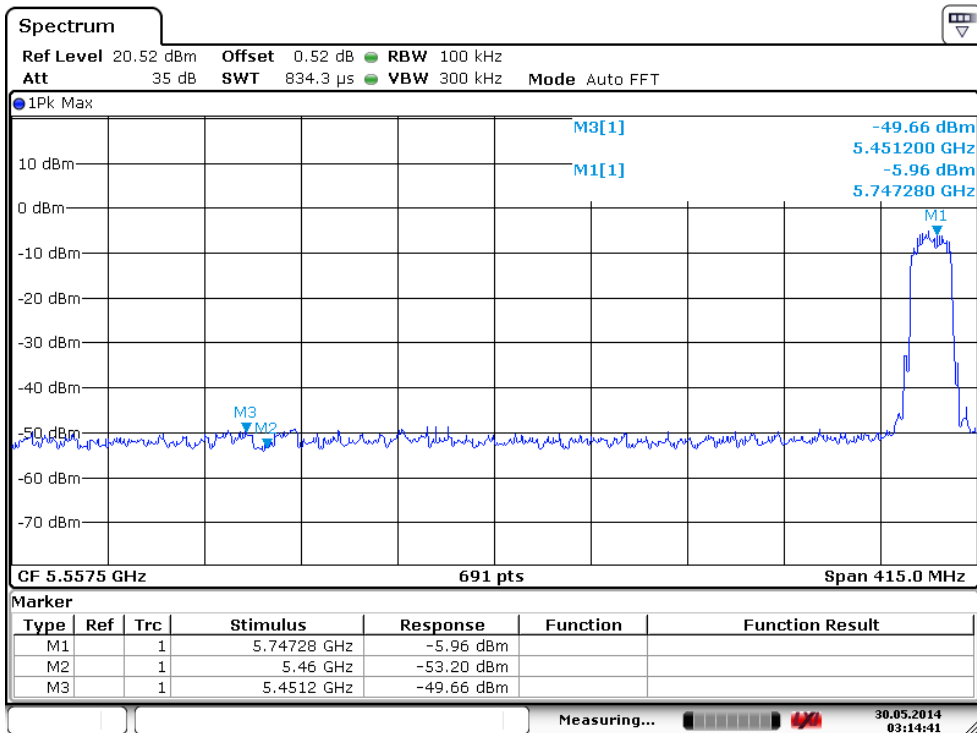
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Band Edge


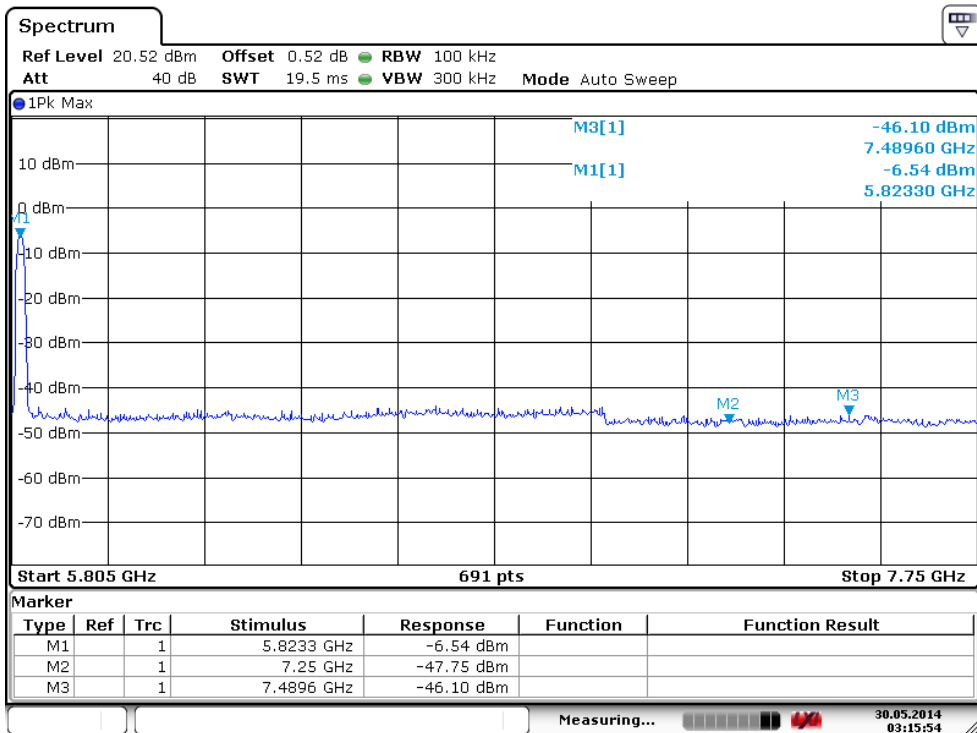
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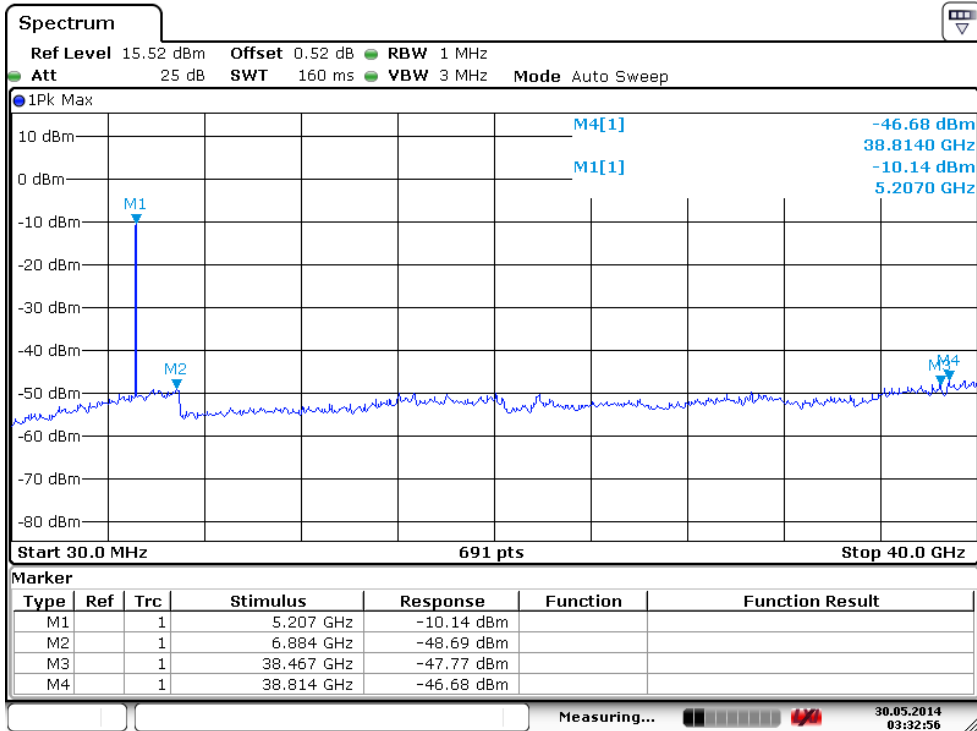
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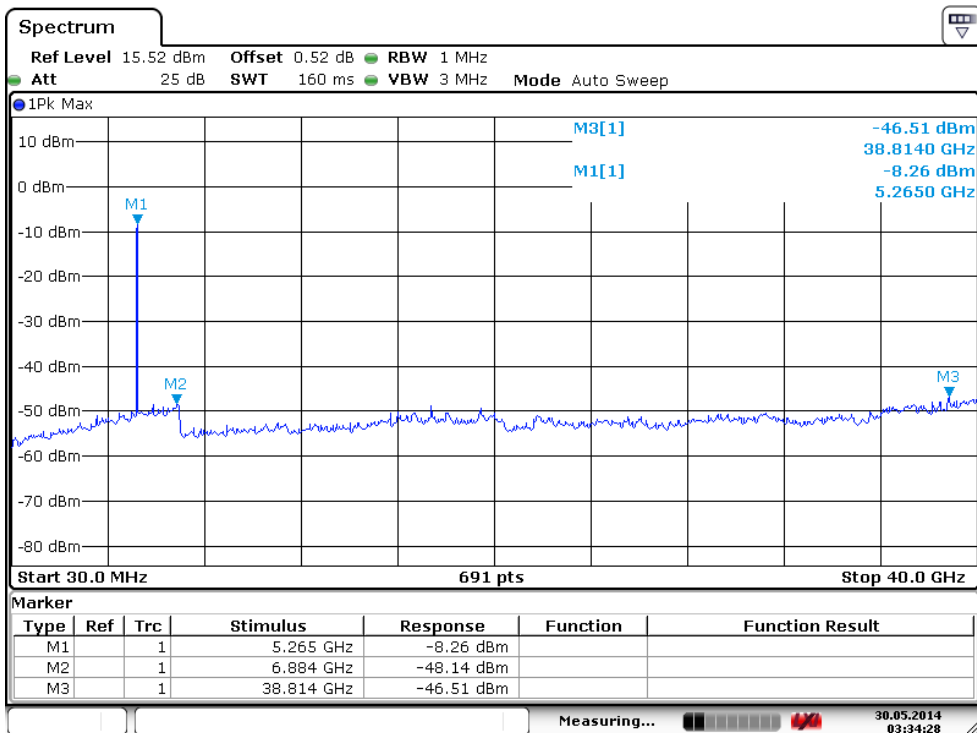
Date: 30.MAY.2014 03:14:41



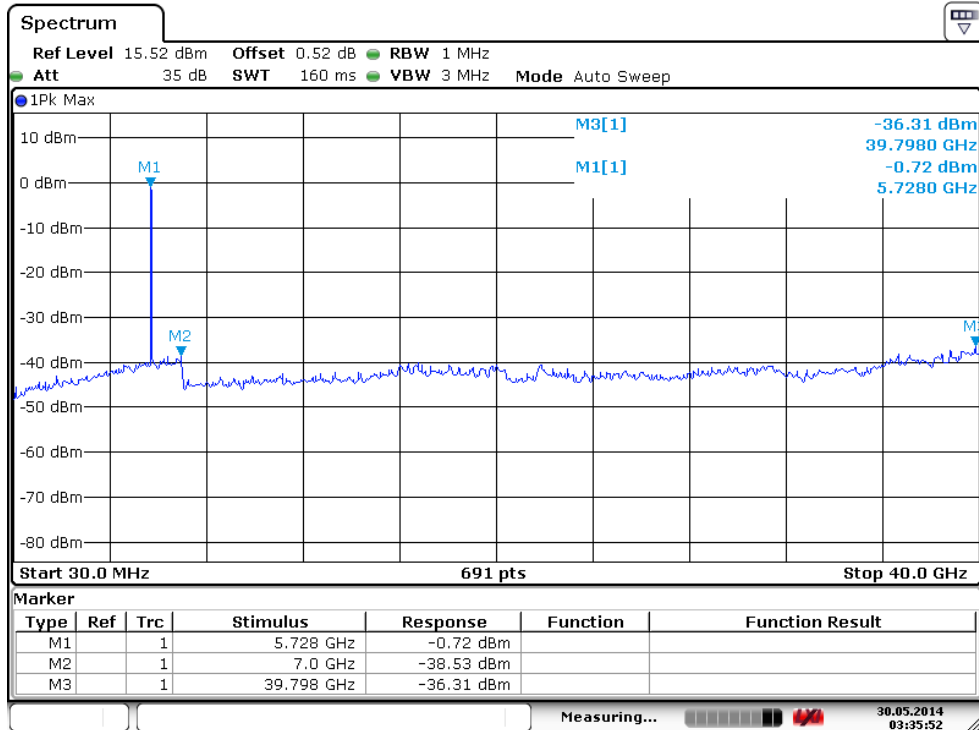
Date: 30.MAY.2014 03:15:54

**Test Plot of outside band emissions of 802.11n (HT40)
 Channel 5190MHz**


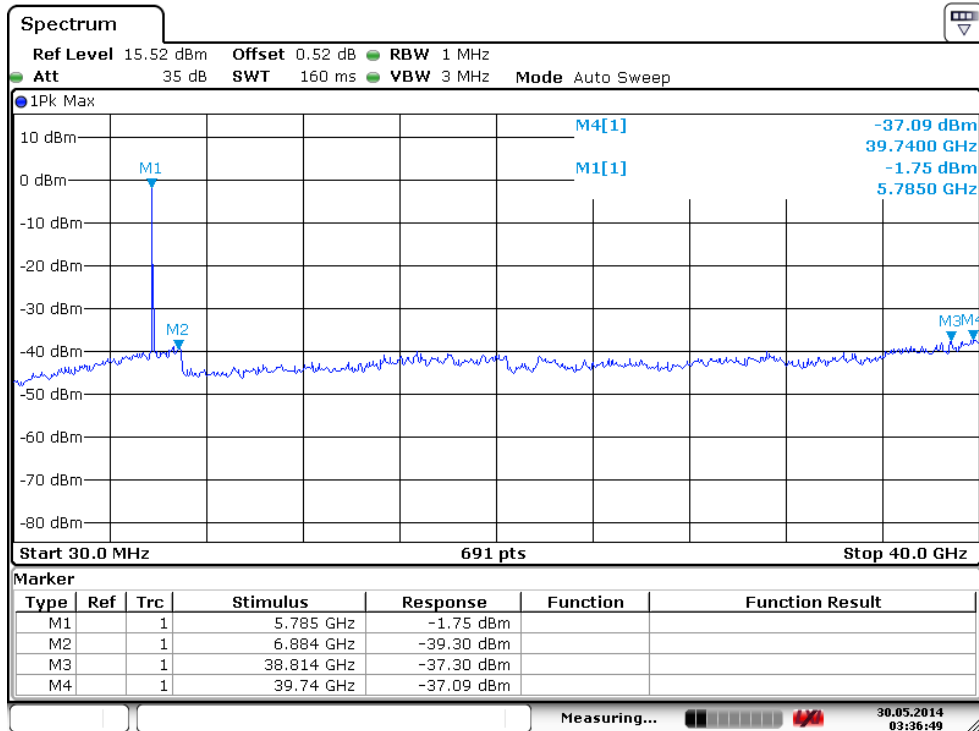
Date: 30.MAY.2014 03:32:56

Channel 5230MHz


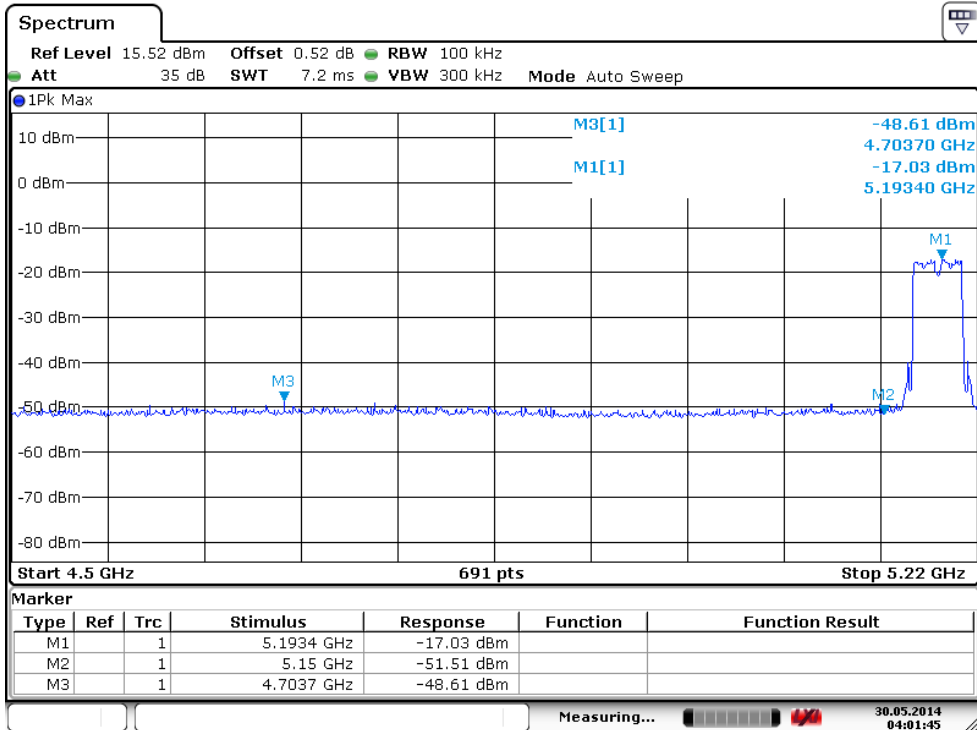
Date: 30.MAY.2014 03:34:28

Channel 5755MHz


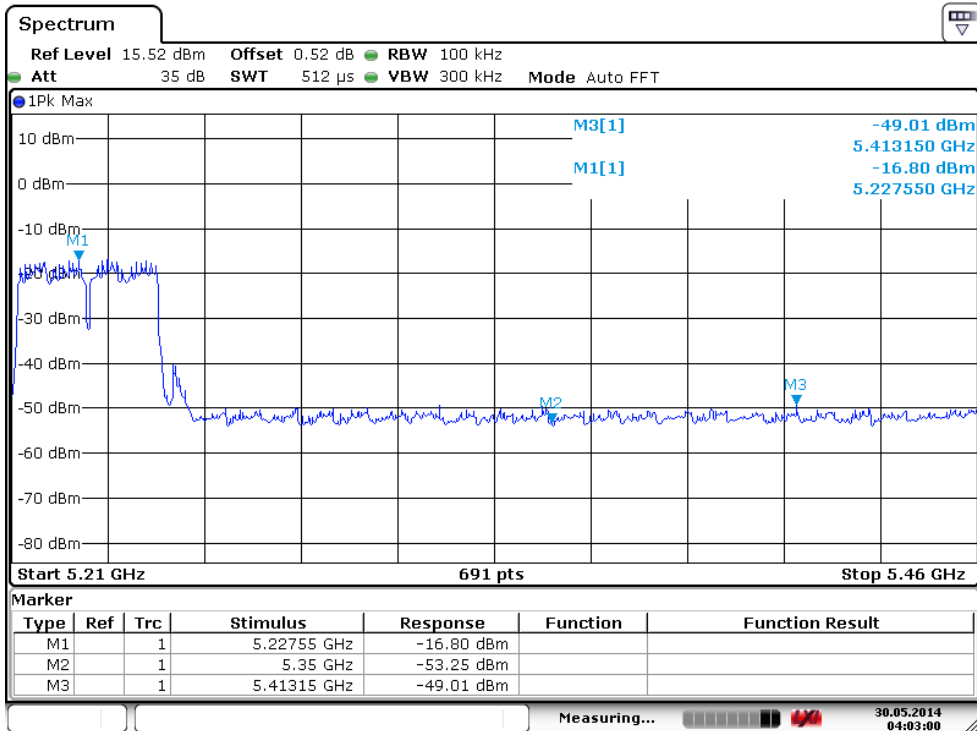
Date: 30.MAY.2014 03:35:52

Channel 5795MHz


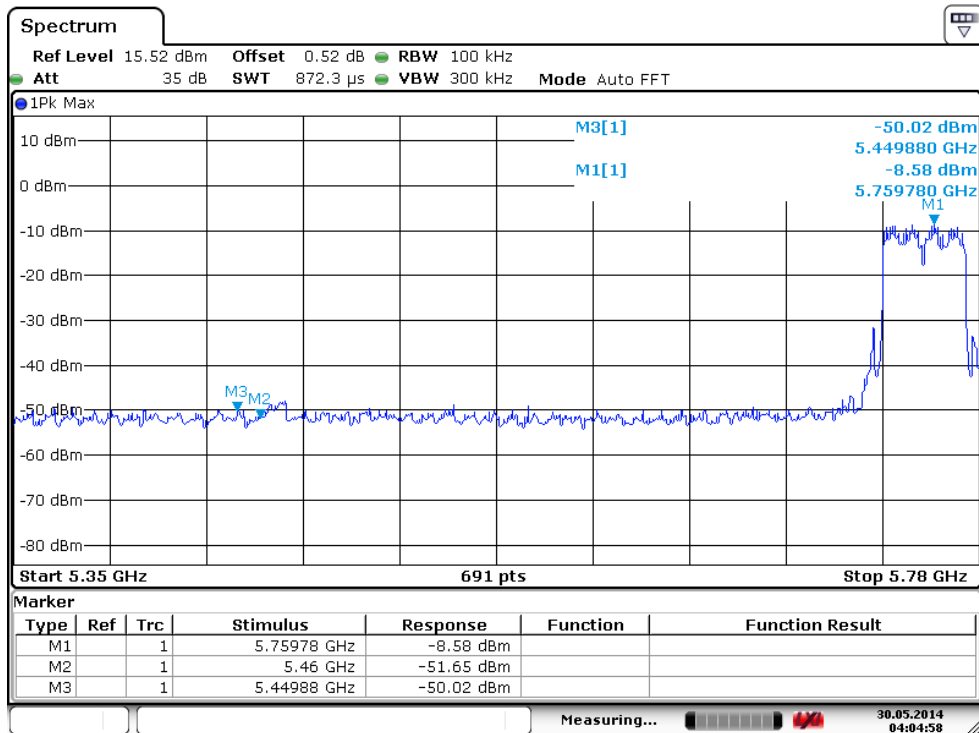
Date: 30.MAY.2014 03:36:49

Band Edge


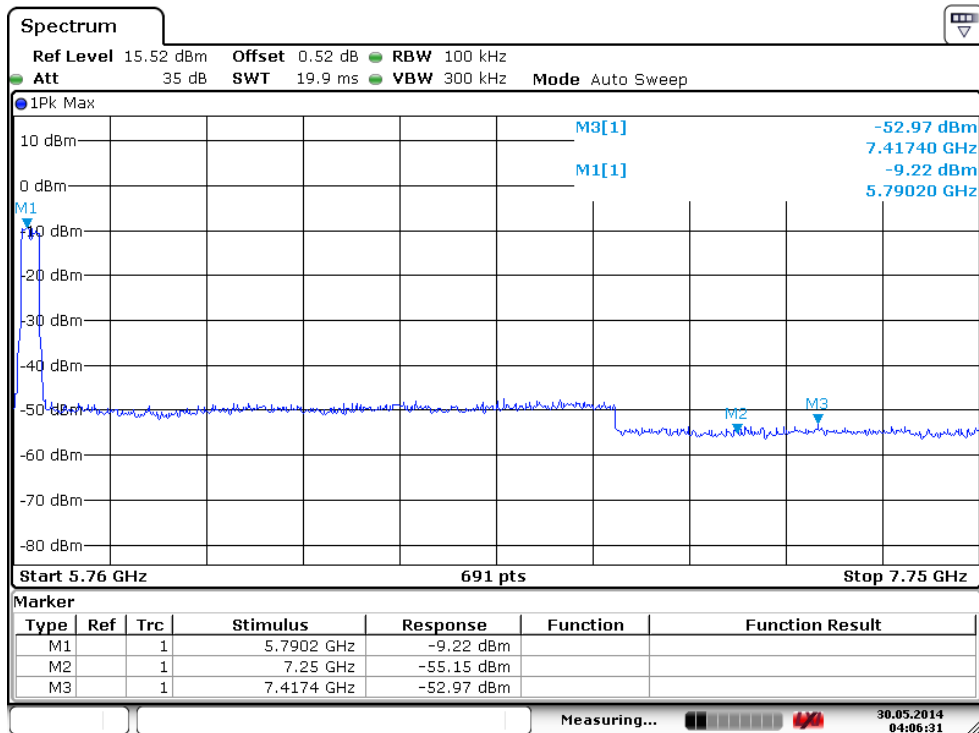
Date: 30.MAY.2014 04:01:45



Date: 30.MAY.2014 04:03:00



Date: 30.MAY.2014 04:04:58



Date: 30.MAY.2014 04:06:31

Prüfbericht - Nr.: 17040437 003

Test Report No.

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5.1.7 Spurious Emission

RESULT:**Pass**

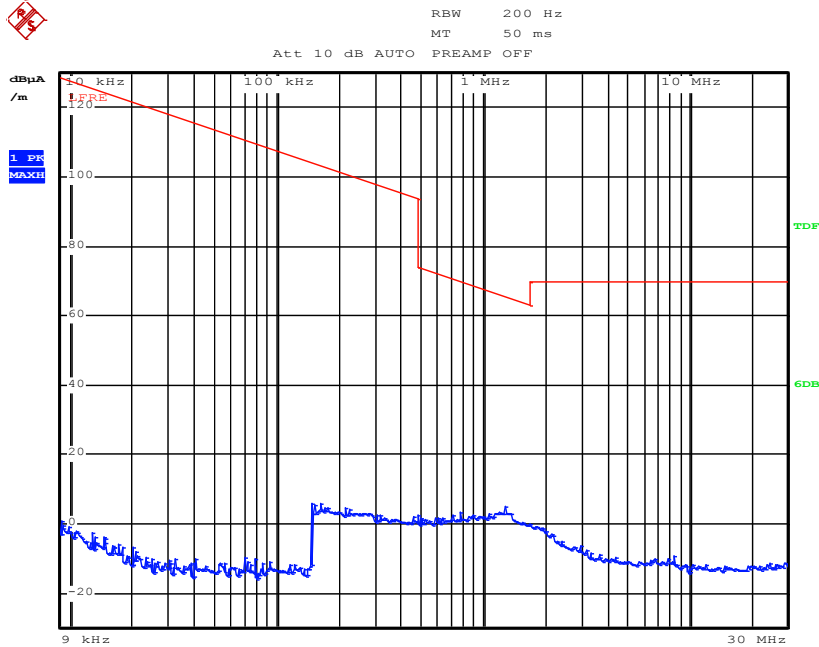
Date of testing : 2014-06-07
Test standard : FCC part 15.407(b)(6) for 5180 – 5240MHz &
5190 – 5230MHz
FCC part 15.247(d) for 5745 – 5825MHz & 5755 –
5795MHz
RSS-210 Clause 2.2
Basic standard : ANSI C63.4: 2003
Limits : FCC part 15.209(a)
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

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

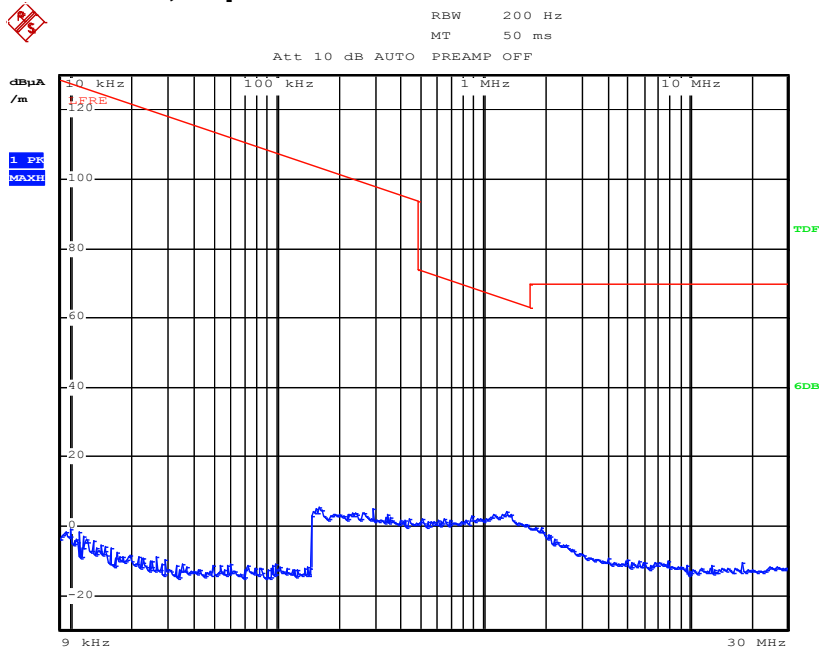
For details refer to following test plot.

Test Plot of Spurious Emission of transmitting of 802.11 a Channel 5180MHz, X polarization:

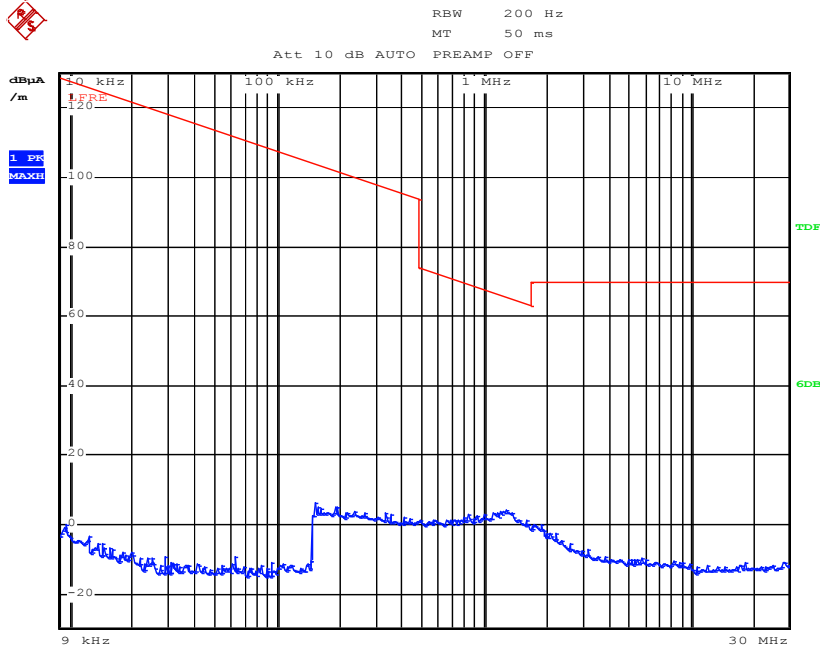


Date: 5.JUN.2014 11:34:04

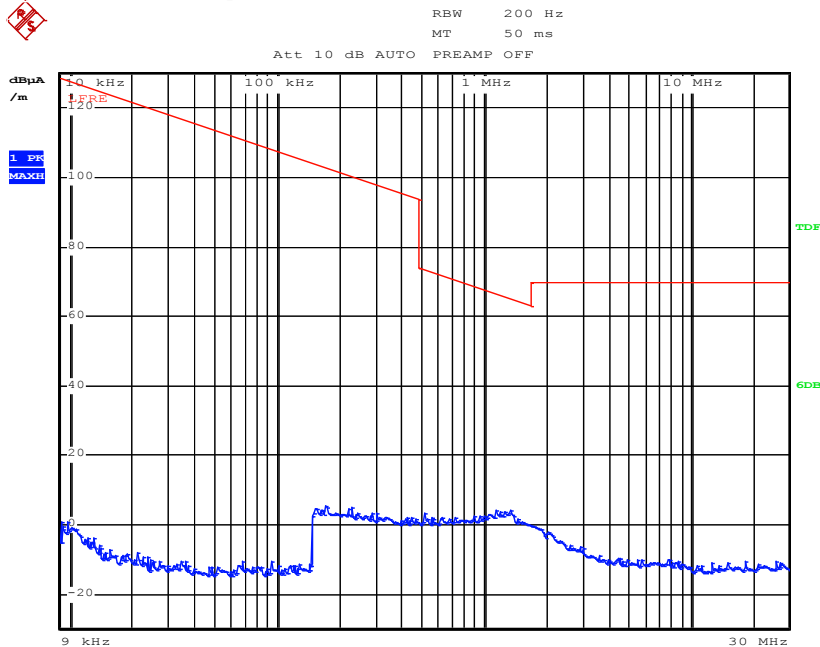
Channel 5180MHz, Y polarization:



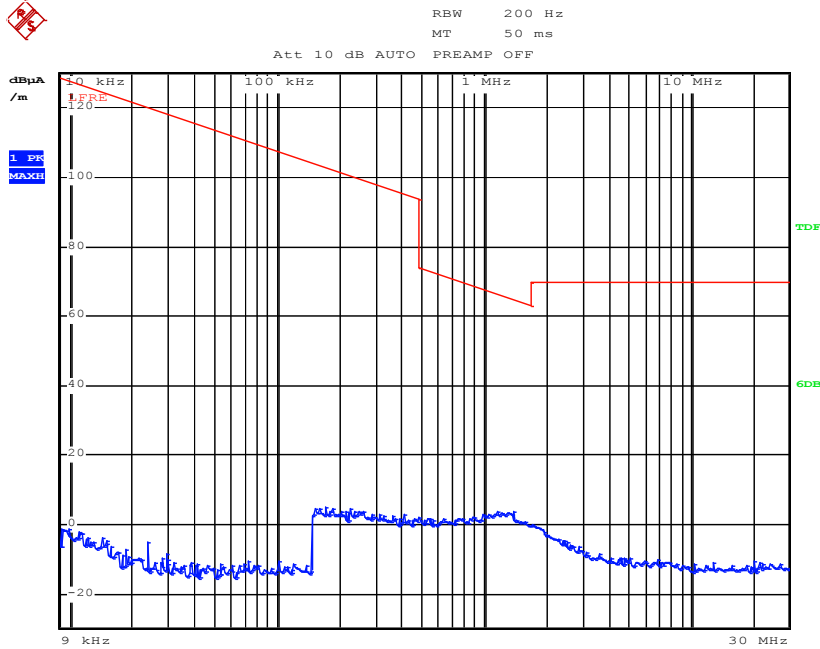
Date: 5.JUN.2014 11:30:13

Channel 5180MHz, Z polarization:


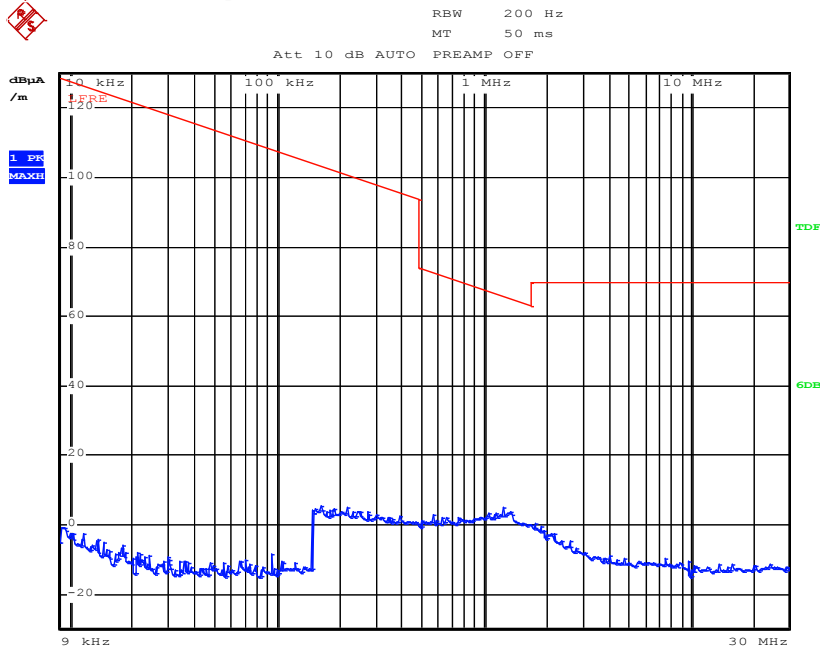
Date: 5.JUN.2014 11:32:06

Channel 5240MHz, X polarization:


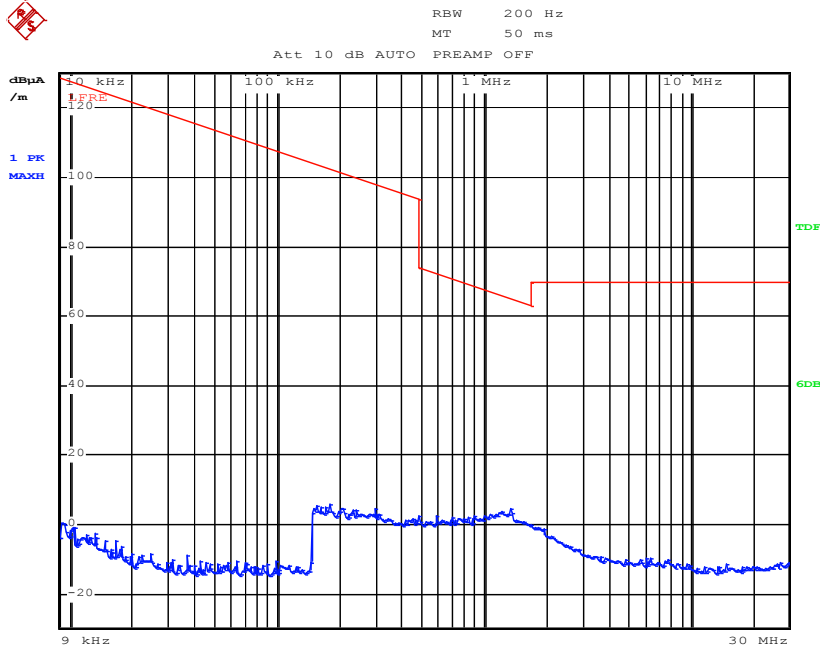
Date: 5.JUN.2014 11:41:45

Channel 5240MHz, Y polarization:


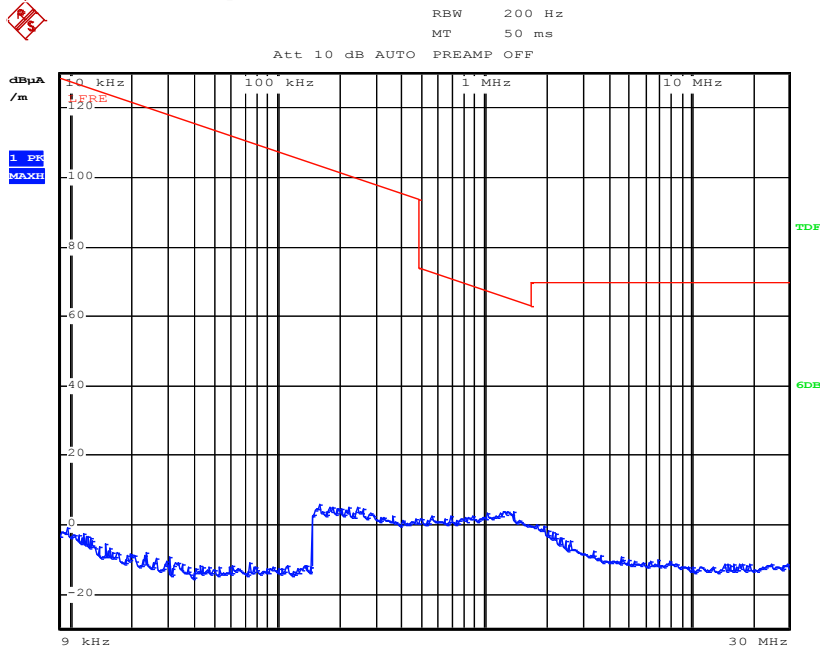
Date: 5.JUN.2014 11:36:00

Channel 5240MHz, Z polarization:


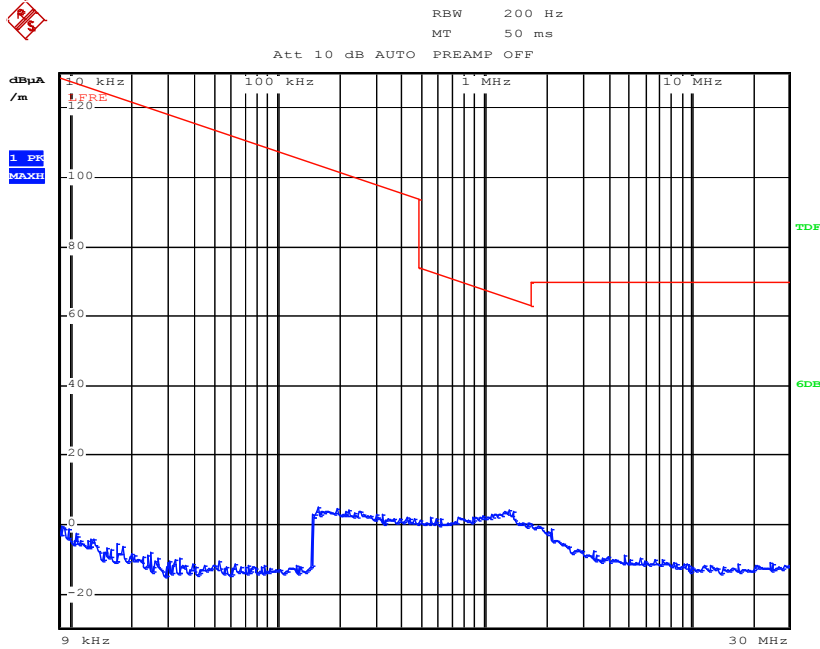
Date: 5.JUN.2014 11:37:53

Channel 5745MHz, X polarization:


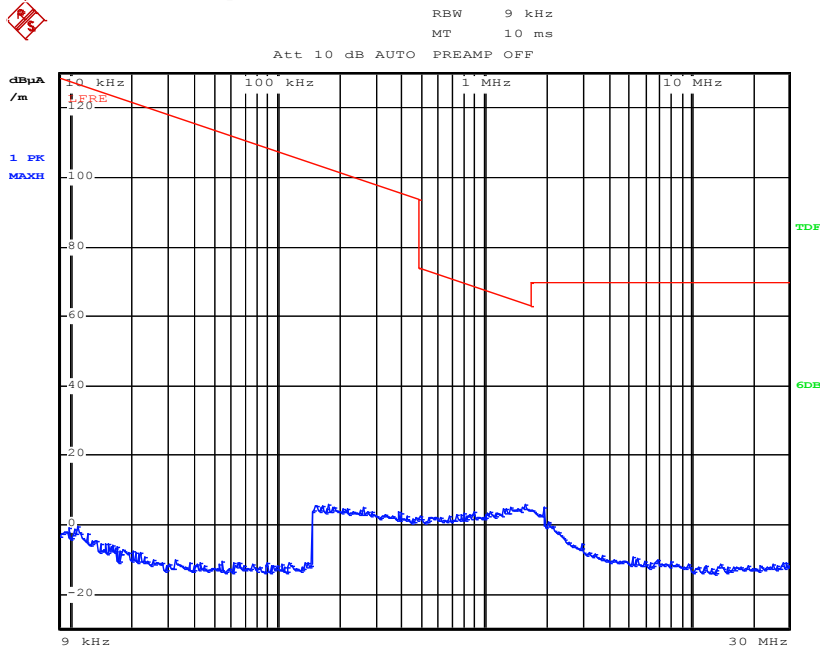
Date: 5.JUN.2014 12:08:15

Channel 5745MHz, Y polarization:


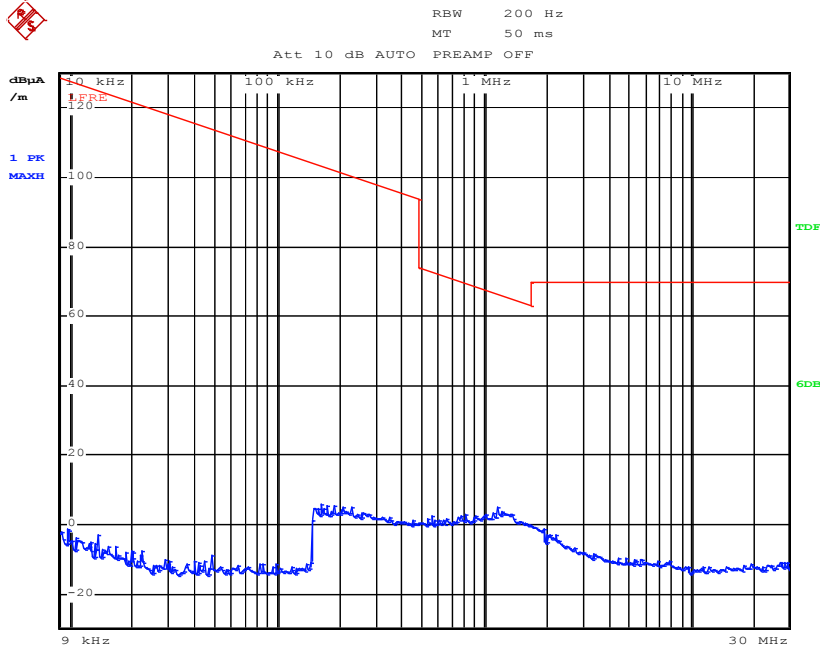
Date: 5.JUN.2014 11:39:50

Channel 5745MHz, Z polarization:


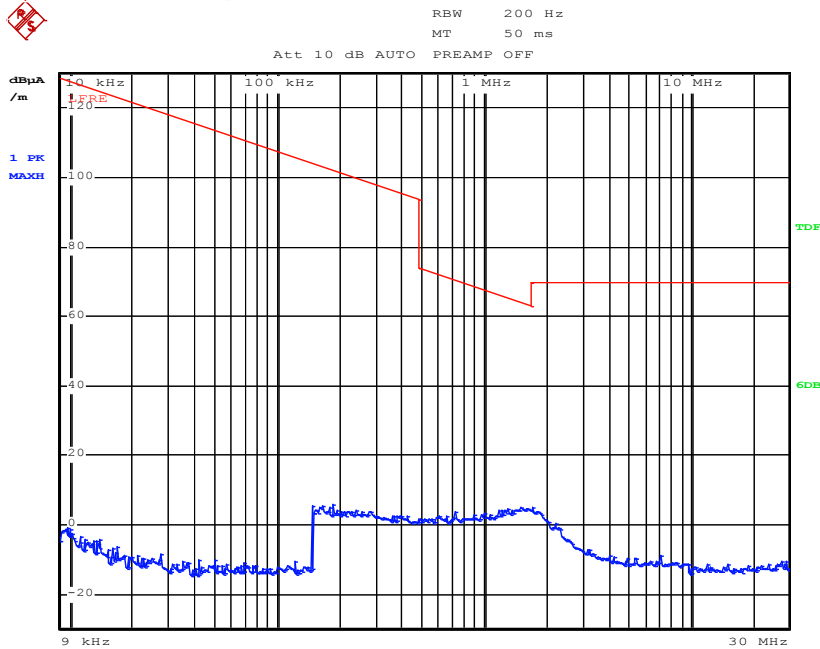
Date: 5.JUN.2014 11:43:39

Channel 5825MHz, X polarization:


Date: 5.JUN.2014 19:12:29

Channel 5825MHz, Y polarization:


Date: 5.JUN.2014 12:10:10

Channel 5825MHz, Z polarization:


Date: 5.JUN.2014 19:09:23

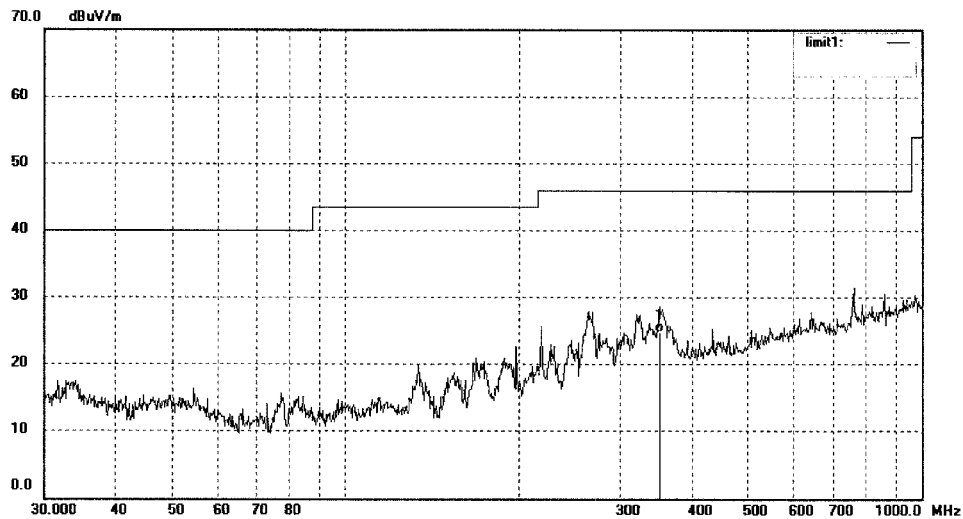

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #384	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	350.9722	32.42	-7.74	24.68	46.00	-21.32	QP			

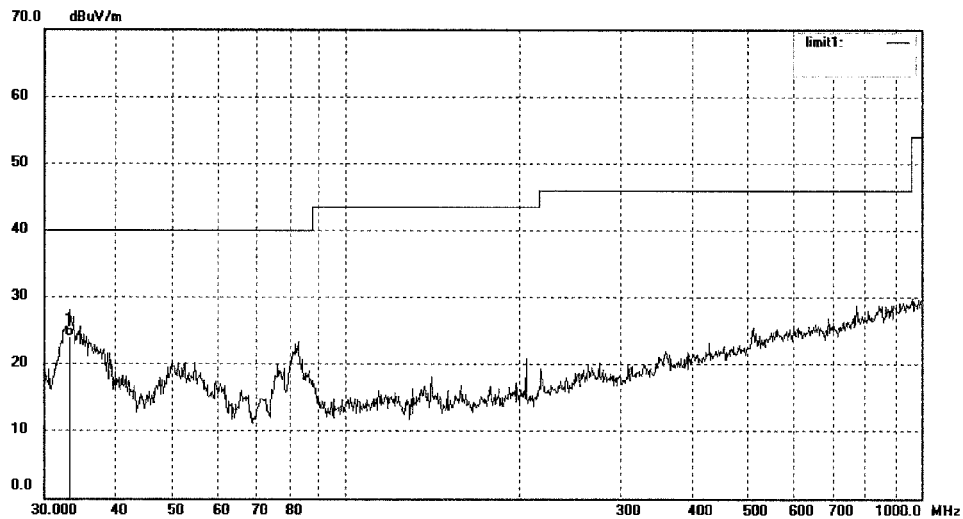

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 Fax:+86-0755-26503396

Job No.: PZ #385	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.5588	34.29	-10.27	24.02	40.00	-15.98	QP			

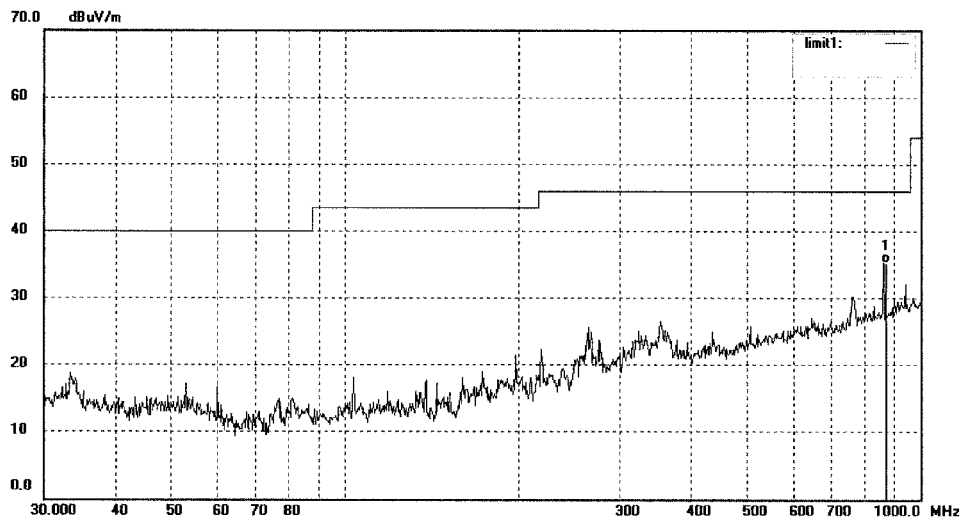

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #387	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



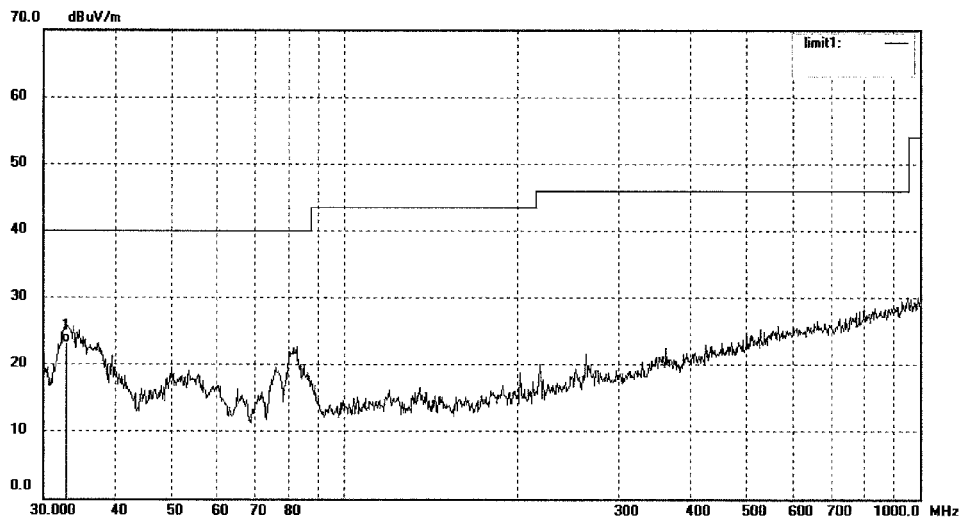
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9376	34.12	1.11	35.23	46.00	-10.77	QP			


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 Fax:+86-0755-26503396

Job No.: PZ #386	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.8697	33.46	-10.21	23.25	40.00	-16.75	QP			

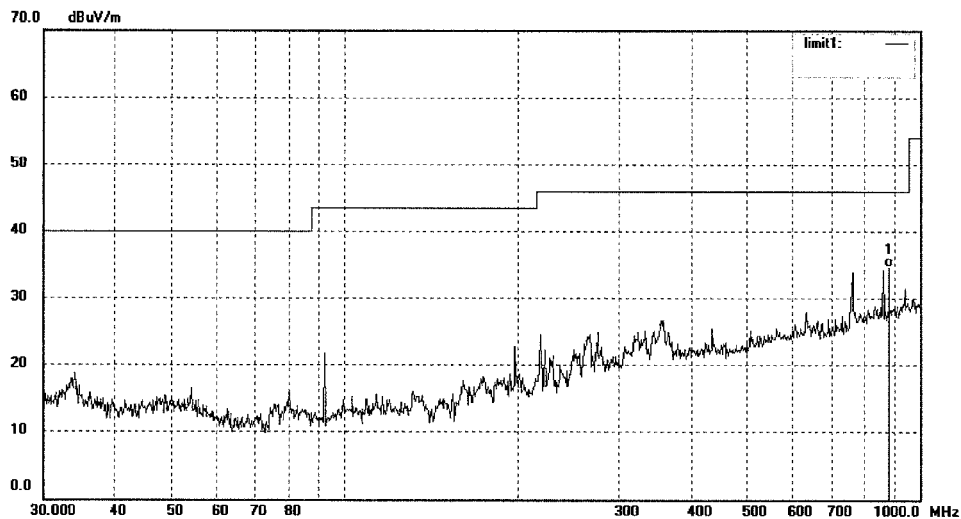

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 Site: 2# Chamber
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Job No.: PZ #388	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9506	33.71	1.11	34.82	46.00	-11.18	QP			

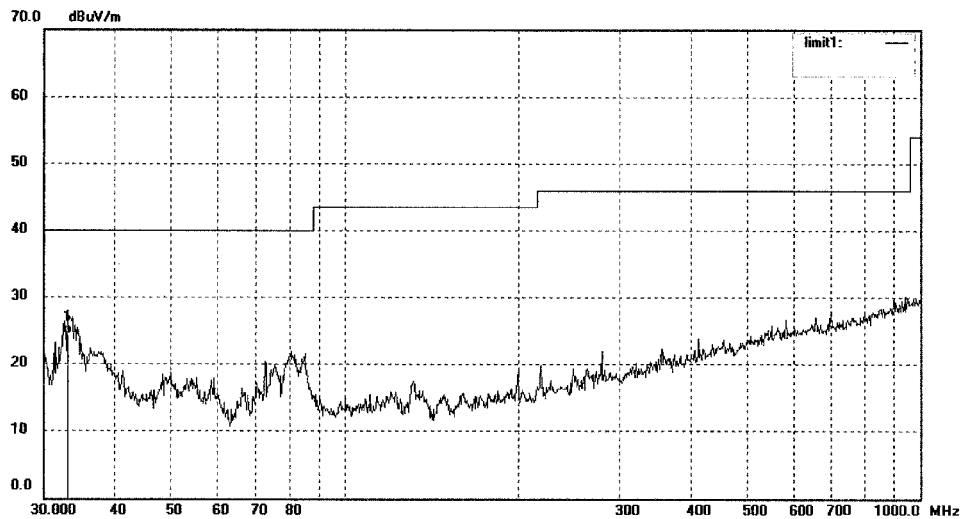

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #389	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.9854	34.59	-10.23	24.36	40.00	-15.64	QP			

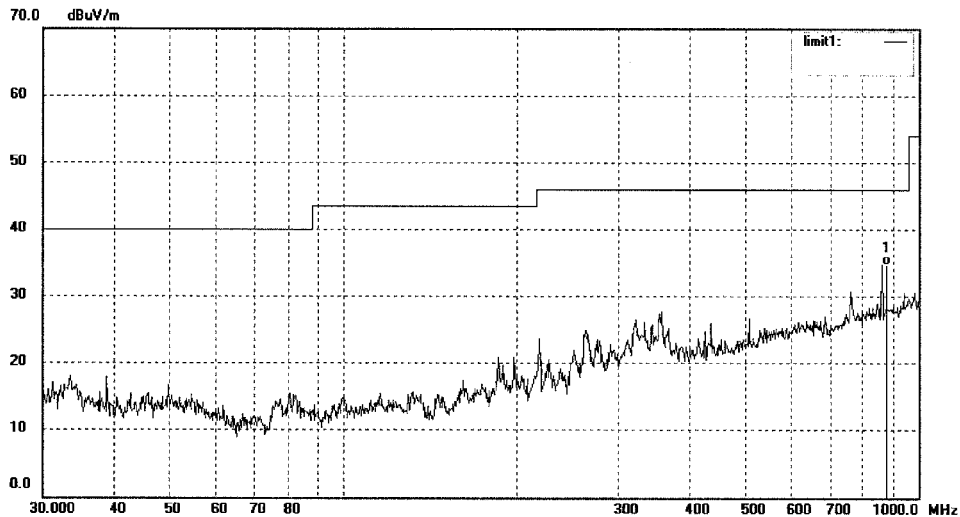

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #391	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



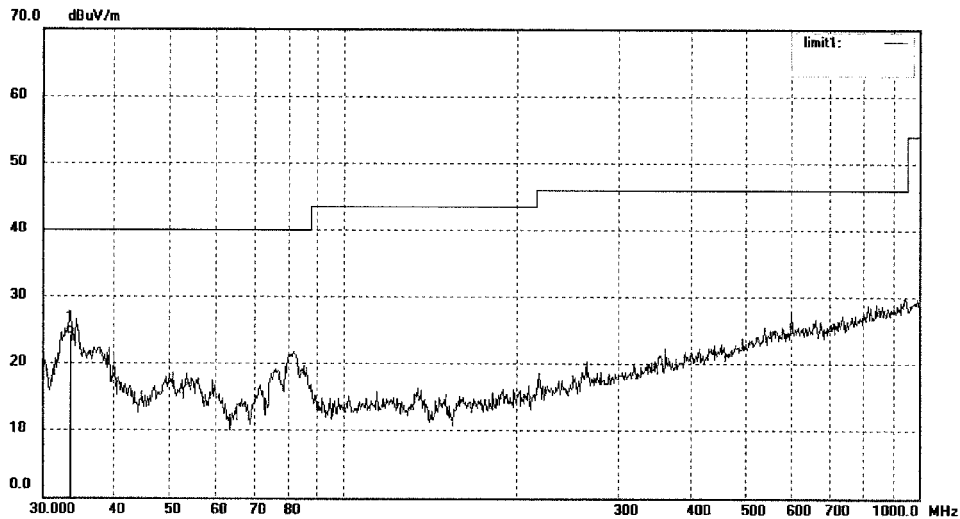
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9358	33.69	1.11	34.80	46.00	-11.20	QP			


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Job No.: PZ #390	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.4522	34.42	-10.26	24.16	40.00	-15.84	QP			

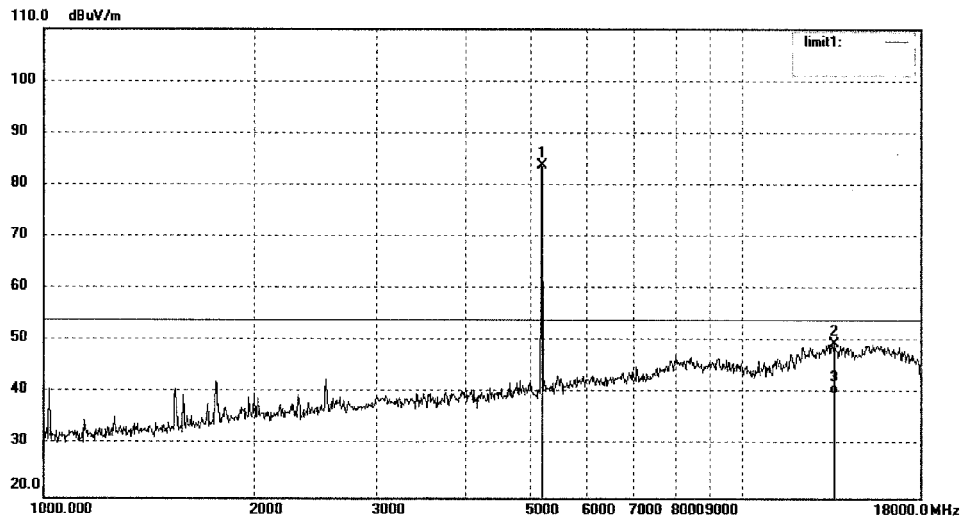

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 Site: 2# Chamber
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Job No.: PZ #268	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



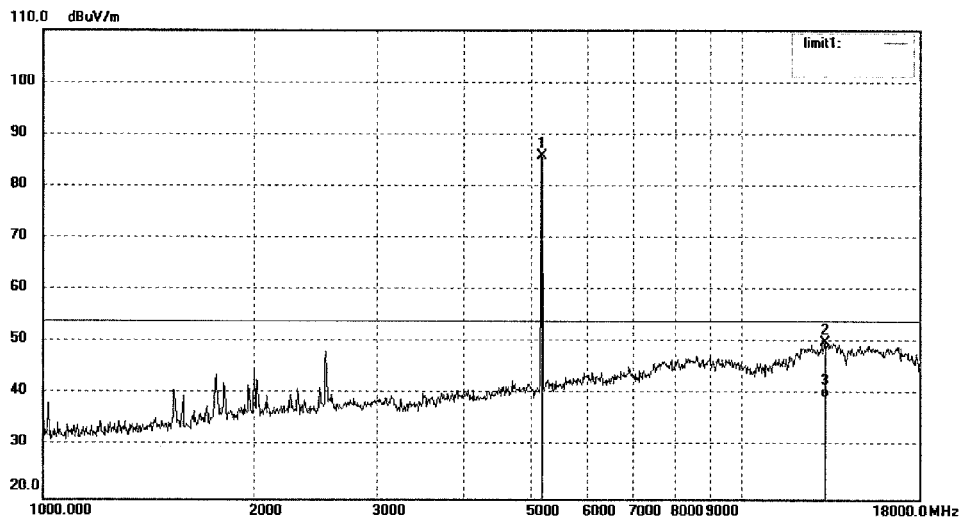
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	83.17	0.61	83.78	/	/	peak			
2	13572.278	9.88	39.72	49.60	74.00	-24.40	peak			
3	13572.278	0.30	39.72	40.02	54.00	-13.98	AVG			


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 Fax:+86-0755-26503396

Job No.: PZ #269	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	85.24	0.61	85.85	/	/	peak			
2	13221.345	10.83	39.27	50.10	74.00	-23.90	peak			
3	13221.345	0.13	39.27	39.40	54.00	-14.60	AVG			

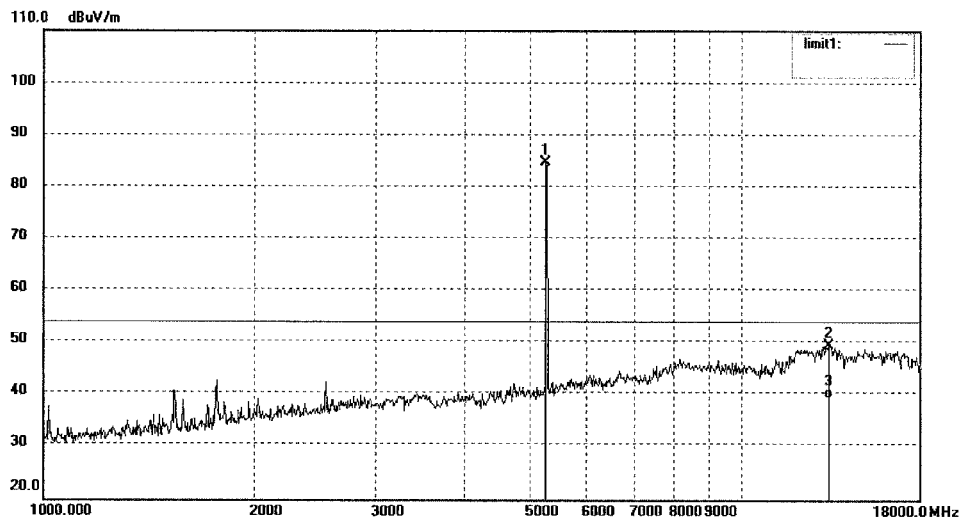

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #272	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



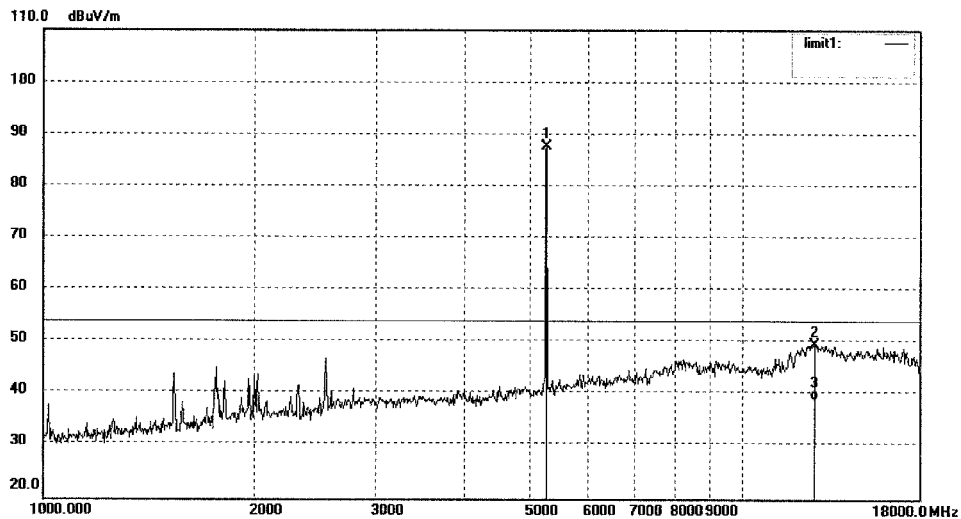
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	83.81	0.82	84.63	/	/	peak			
2	13376.181	10.09	39.45	49.54	74.00	-24.46	peak			
3	13376.181	0.04	39.45	39.49	54.00	-14.51	AVG			


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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #273	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	86.72	0.82	87.54	/	/	peak			
2	12767.509	10.94	38.72	49.66	74.00	-24.34	peak			
3	12767.509	0.40	38.72	39.12	54.00	-14.88	AVG			

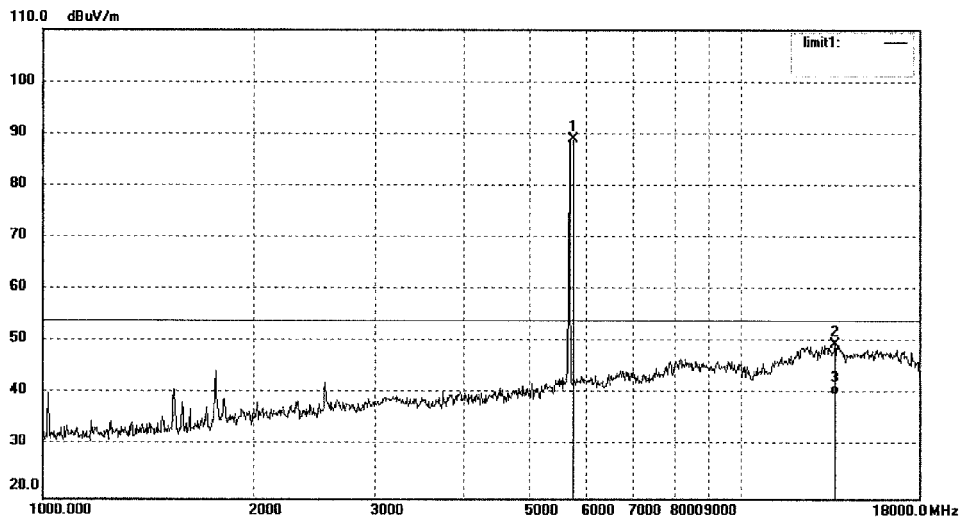

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #276	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	87.55	1.50	89.05	/	/	peak			
2	13651.519	9.83	39.84	49.67	74.00	-24.33	peak			
3	13651.519	0.10	39.84	39.94	54.00	-14.06	AVG			

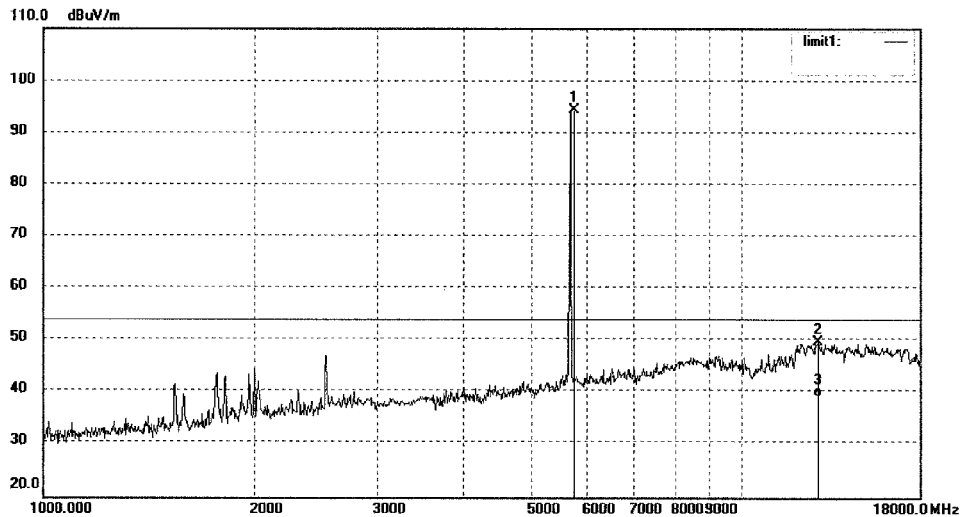

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Job No.: PZ #277	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	92.78	1.50	94.28	/	/	peak			
2	12917.030	10.88	38.90	49.78	74.00	-24.22	peak			
3	12917.030	0.29	38.90	39.19	54.00	-14.81	AVG			

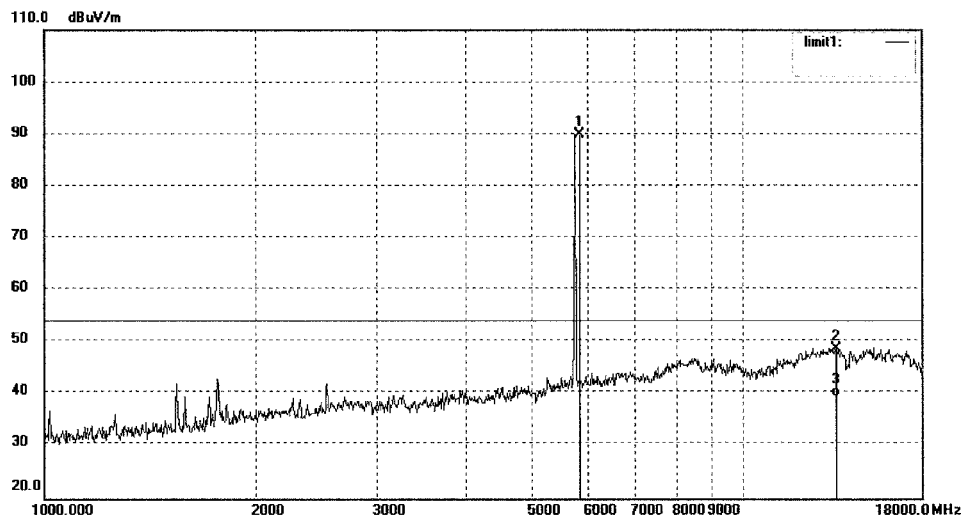

ACCURATE TECHNOLOGY CO., LTD.

 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.: PZ #283	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



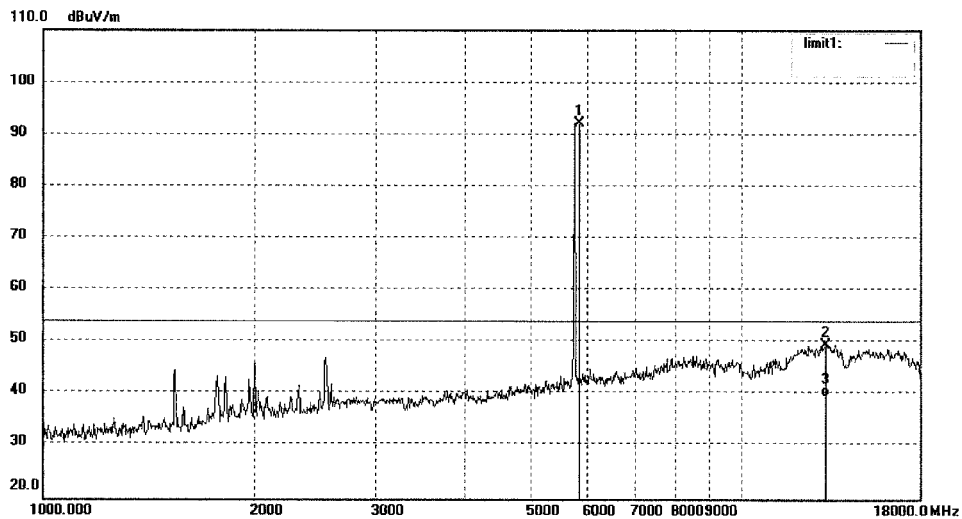
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	87.83	1.97	89.80	/	/	peak			
2	13611.841	8.98	39.78	48.76	74.00	-25.24	peak			
3	13611.841	-0.25	39.78	39.53	54.00	-14.47	AVG			


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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #284	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	90.15	1.97	92.12	/	/	peak			
2	13221.345	10.22	39.27	49.49	74.00	-24.51	peak			
3	13221.345	0.52	39.27	39.79	54.00	-14.21	AVG			

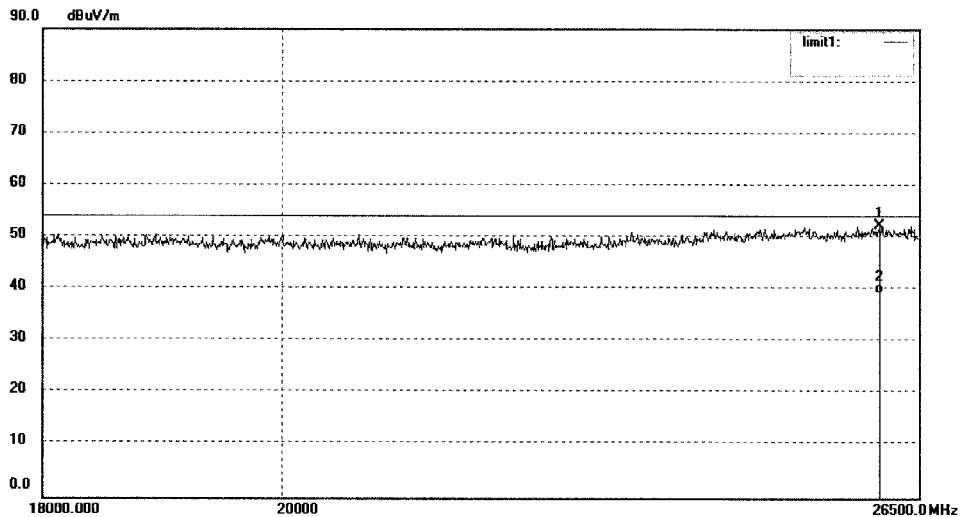

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #477	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26051.950	33.49	18.74	52.23	74.00	-21.77	peak			
2	26051.950	20.55	18.74	39.29	54.00	-14.71	AVG			

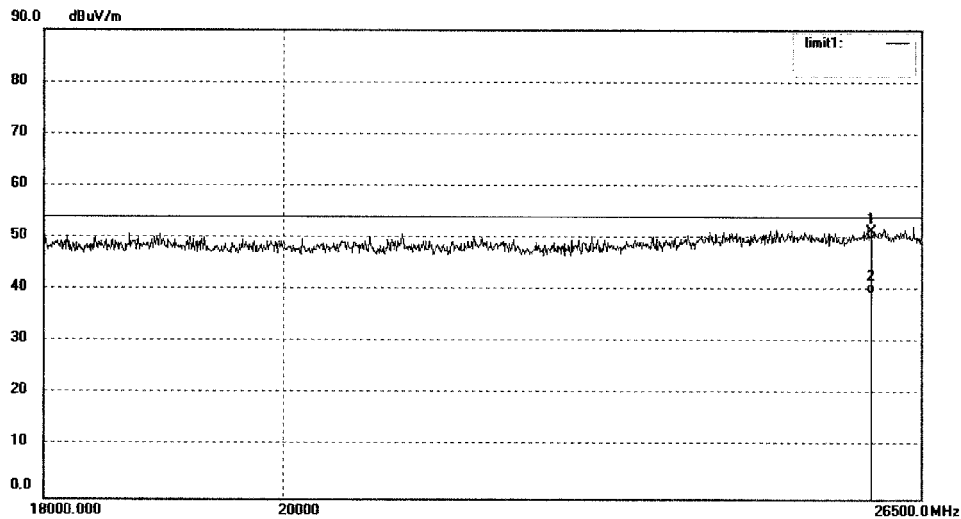

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #478	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25931.075	32.71	18.70	51.41	74.00	-22.59	peak			
2	25931.075	20.87	18.70	39.57	54.00	-14.43	AVG			


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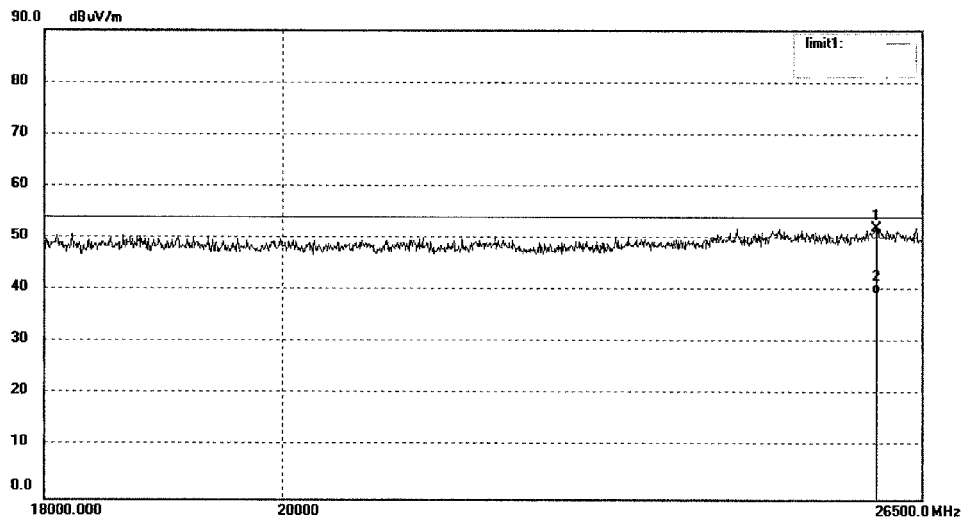
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #480	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25981.371	33.36	18.72	52.08	74.00	-21.92	peak			
2	25981.371	20.74	18.72	39.46	54.00	-14.54	AVG			

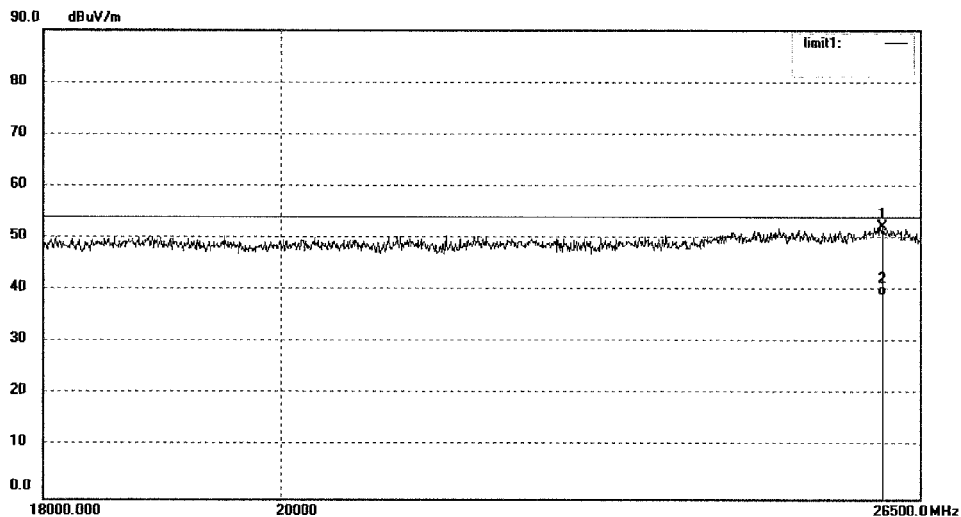

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #479	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26072.150	33.58	18.75	52.33	74.00	-21.67	peak			
2	26072.150	20.36	18.75	39.11	54.00	-14.89	AVG			

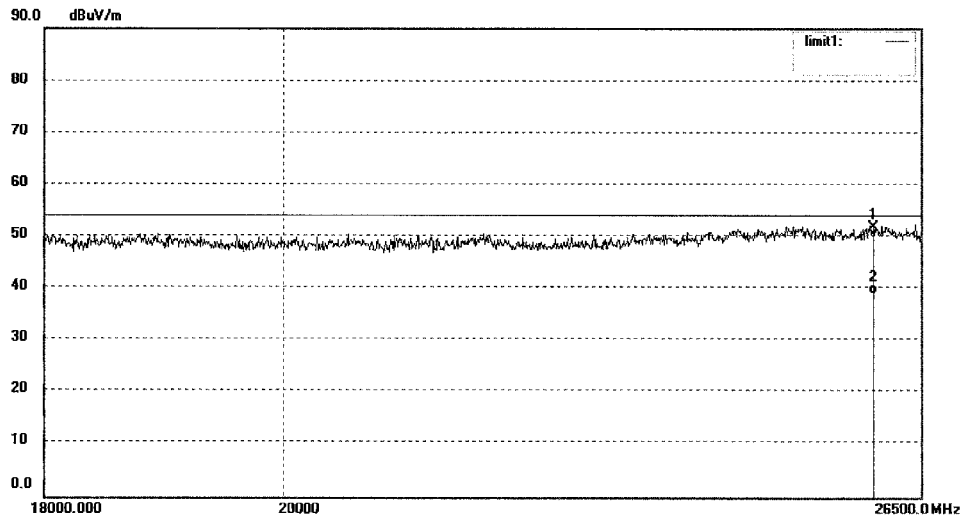

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #481	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25951.181	33.08	18.71	51.79	74.00	-22.21	peak			
2	25951.181	20.41	18.71	39.12	54.00	-14.88	AVG			

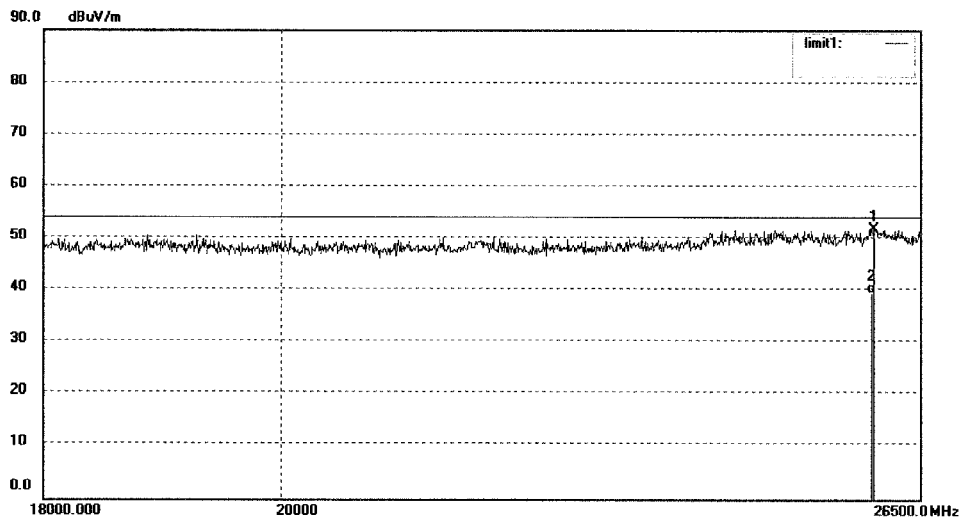

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #482	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25961.241	33.19	18.71	51.90	74.00	-22.10	peak			
2	25961.241	20.82	18.71	39.53	54.00	-14.47	AVG			

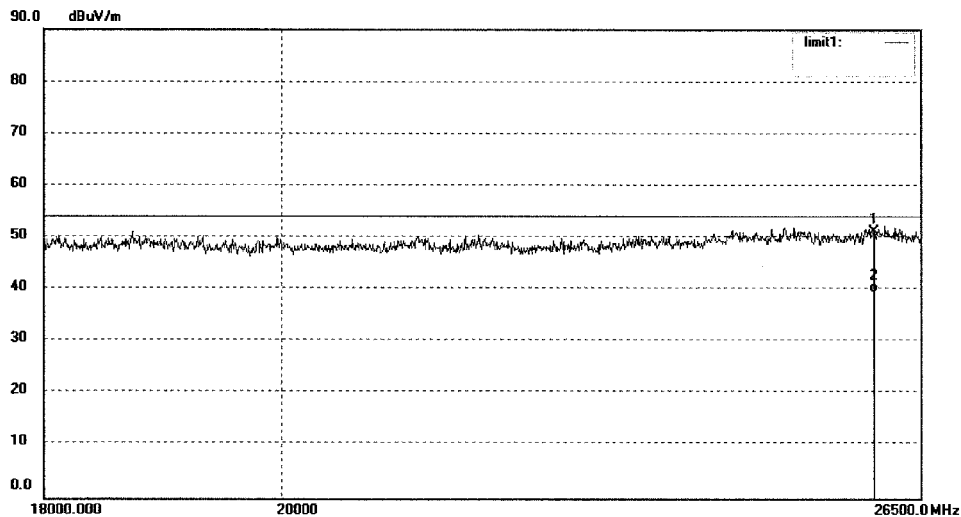

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #484	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25961.241	32.44	18.71	51.15	74.00	-22.85	peak			
2	25961.241	20.74	18.71	39.45	54.00	-14.55	AVG			

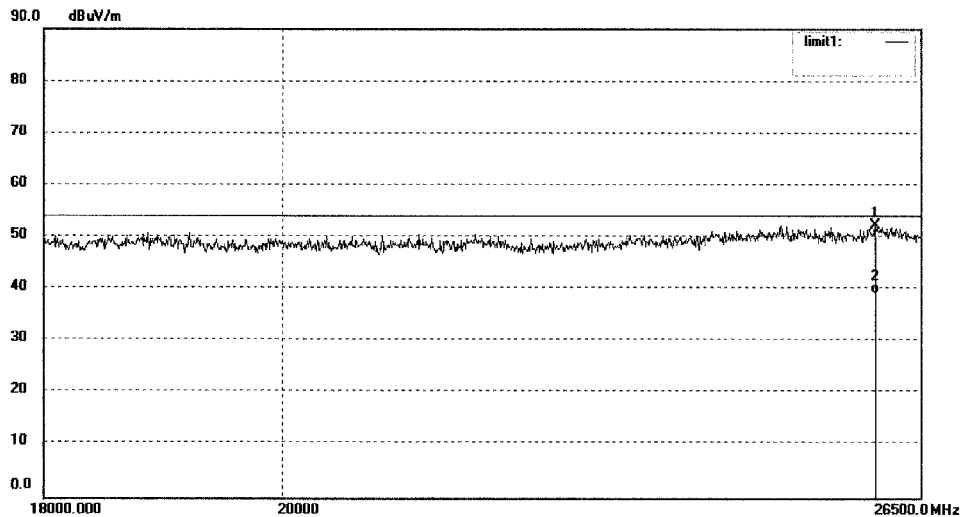

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #483	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25981.371	33.57	18.72	52.29	74.00	-21.71	peak			
2	25981.371	20.46	18.72	39.18	54.00	-14.82	AVG			

Test

1 / 1

Radiated Emission

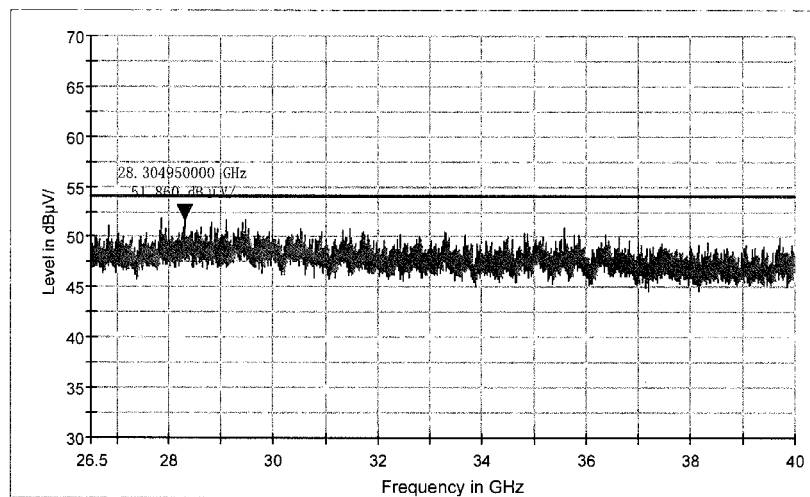
EUT Information

EUT Model Name: Tablet M/N:NS-15AT10
Operation mode: TX 5180MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11a

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

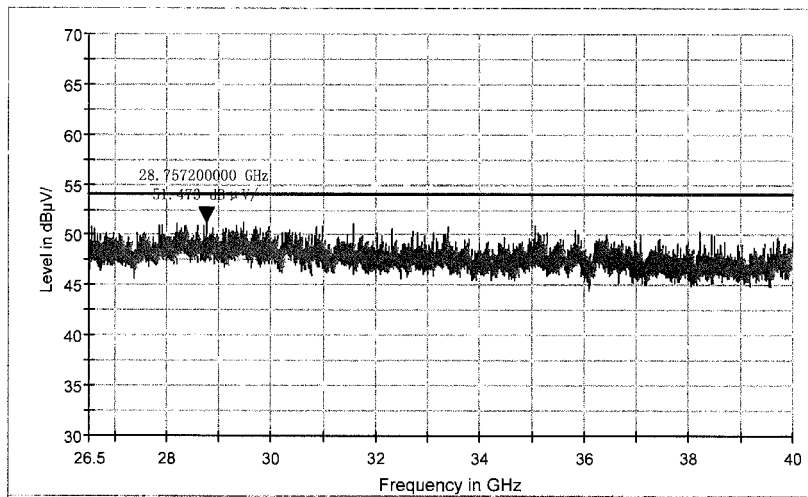
EUT Information

EUT Model Name: Tablet M/N:NS-15AT10
Operation mode: TX 5180MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11a

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

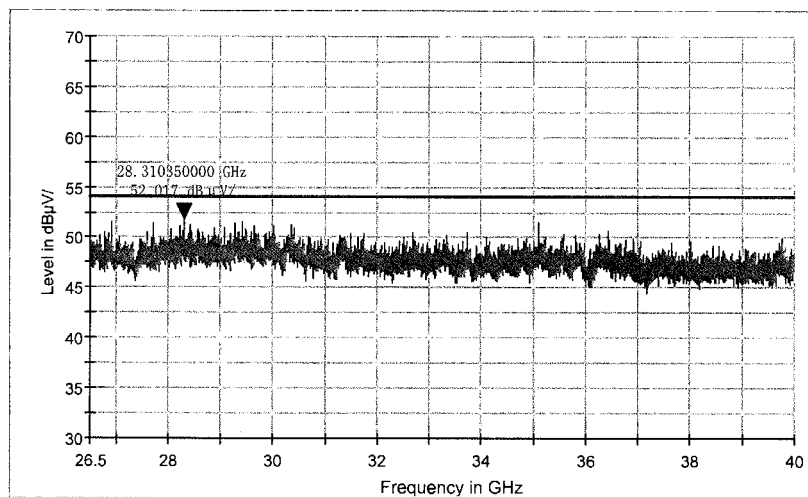
EUT Information

EUT Model Name:	Tablet M/N:NS-15AT10
Operation mode:	TX 5240MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11a

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

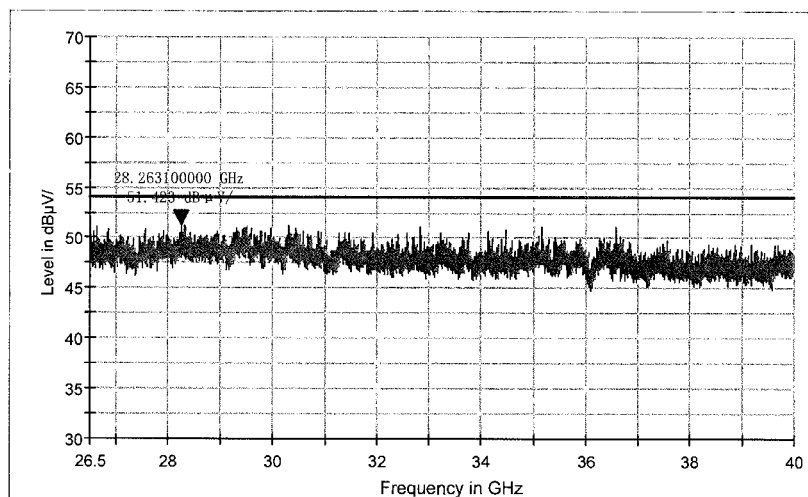
EUT Information

EUT Model Name: Tablet M/N: NS-15AT10
Operation mode: TX 5240MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11a

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

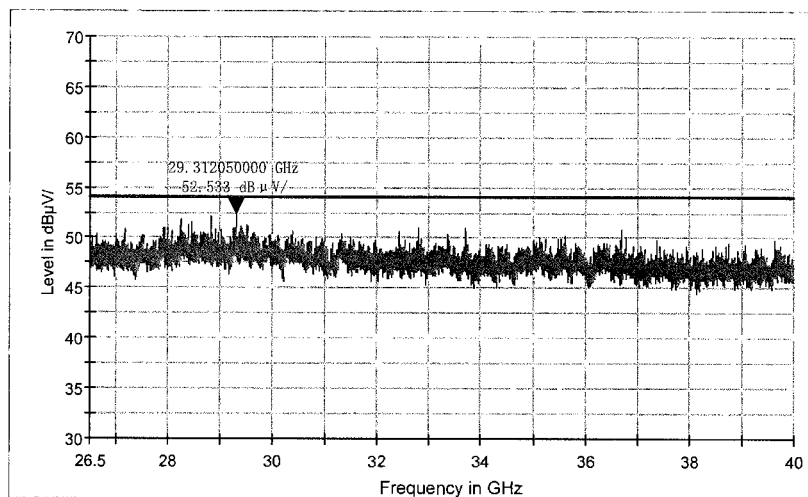
EUT Information

EUT Model Name: Tablet M/N: NS-15AT10
Operation mode: TX 5745MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11a

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

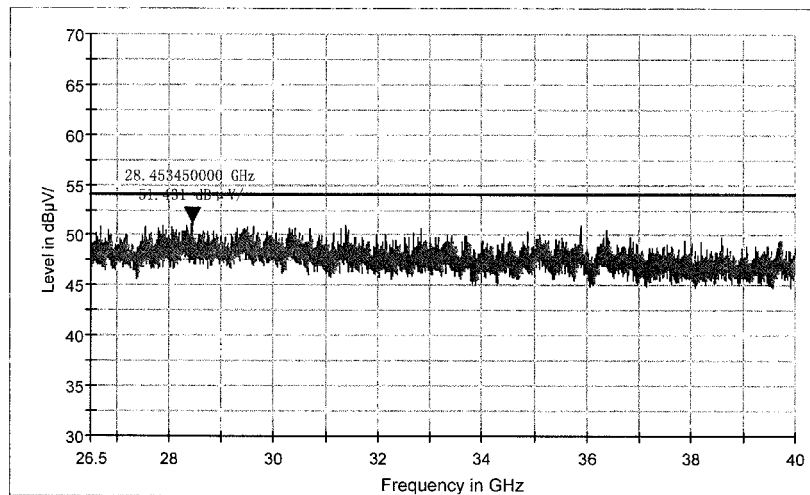
EUT Information

EUT Model Name: Tablet M/N:NS-15AT10
Operation mode: TX 5745MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11a

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

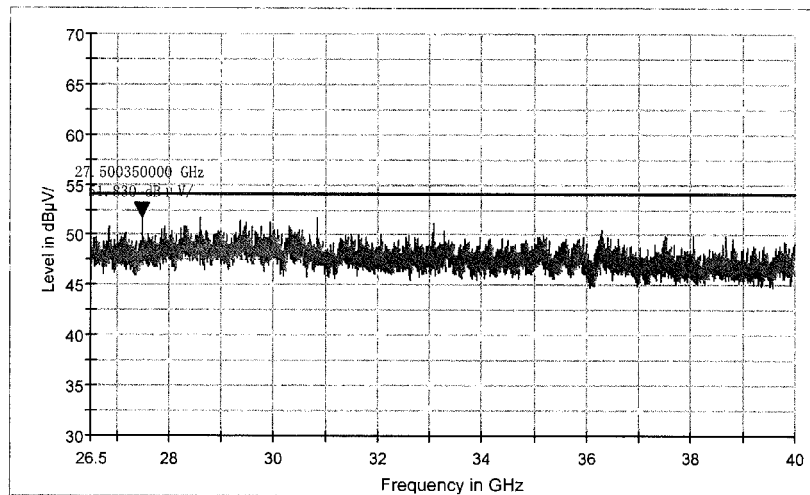
EUT Information

EUT Model Name: Tablet M/N: NS-15AT10
Operation mode: TX 5825MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11a

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

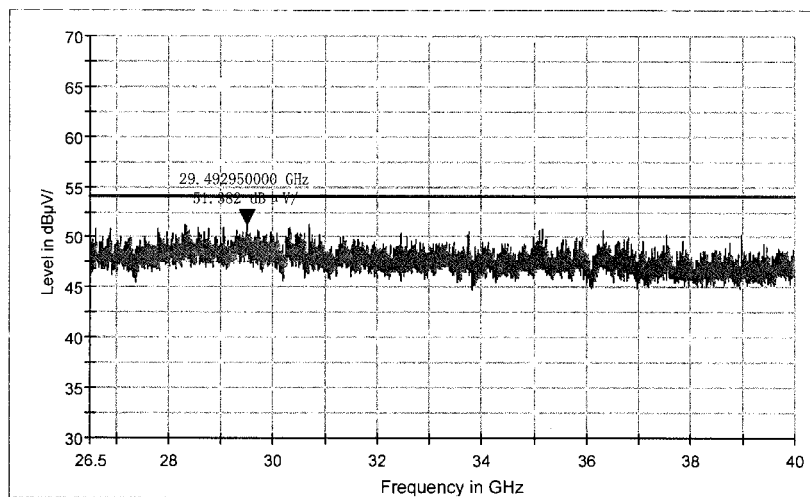
EUT Information

EUT Model Name: Tablet M/N: NS-15AT10
Operation mode: TX 5825MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11a

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz

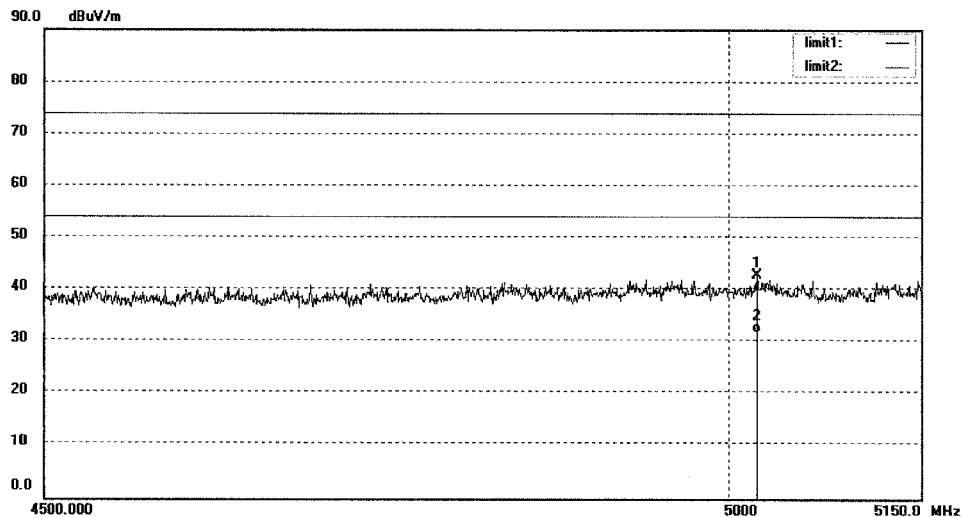



ACCURATE TECHNOLOGY CO., LTD.
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #271	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5021.438	42.15	0.62	42.77	74.00	-31.23	peak			
2	5021.438	31.18	0.62	31.80	54.00	-22.20	AVG			

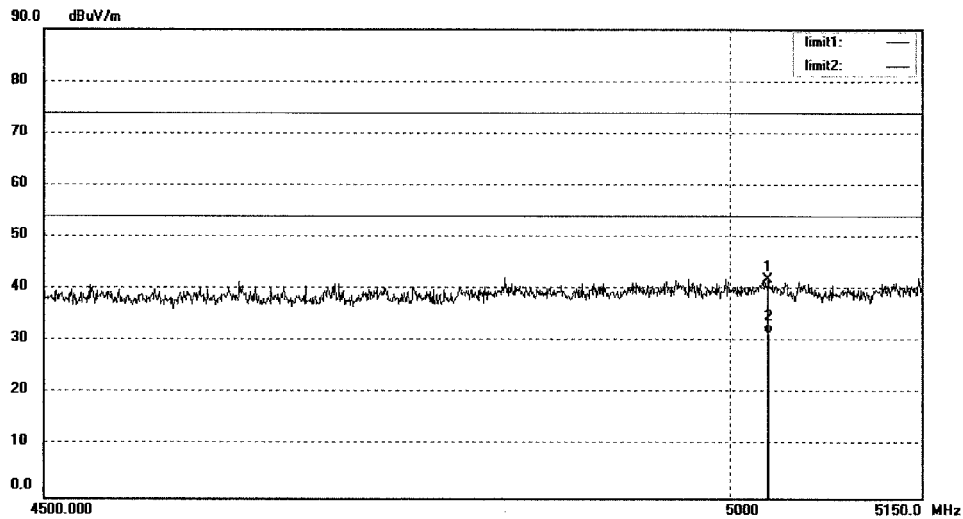

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #270	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



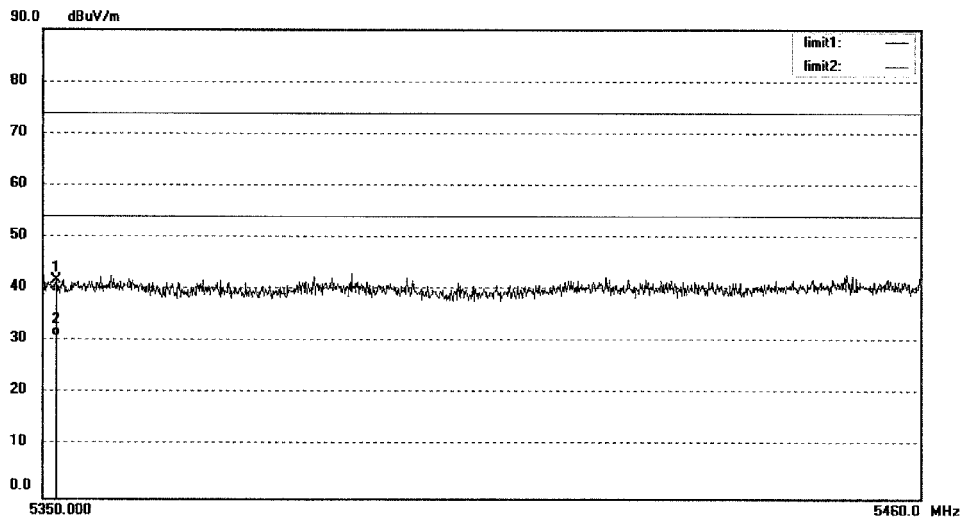
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5029.052	41.42	0.59	42.01	74.00	-31.99	peak			
2	5029.052	31.01	0.59	31.60	54.00	-22.40	AVG			


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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #275	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5351.637	40.92	0.84	41.76	74.00	-32.24	peak			
2	5351.637	30.06	0.84	30.90	54.00	-23.10	AVG			

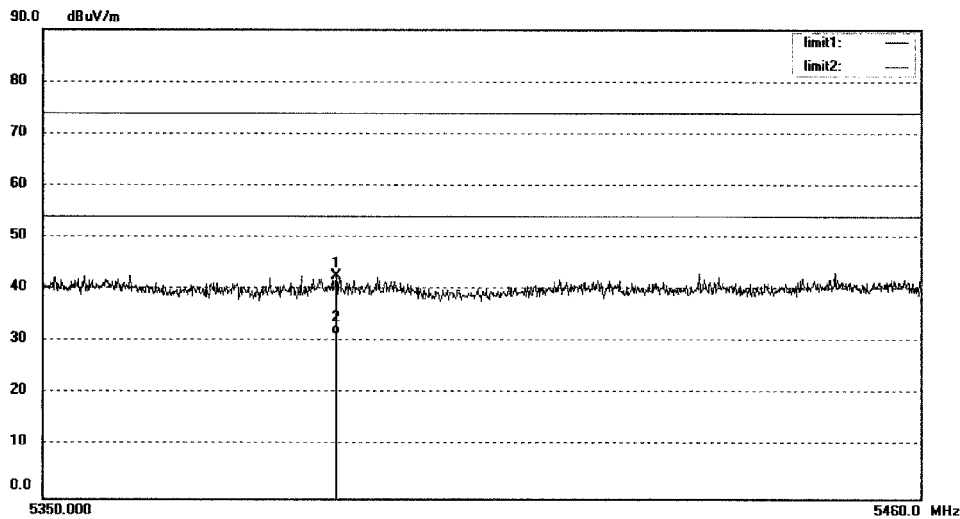

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #274	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/03/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5386.455	41.96	0.71	42.67	74.00	-31.33	peak			
2	5386.455	30.59	0.71	31.30	54.00	-22.70	AVG			


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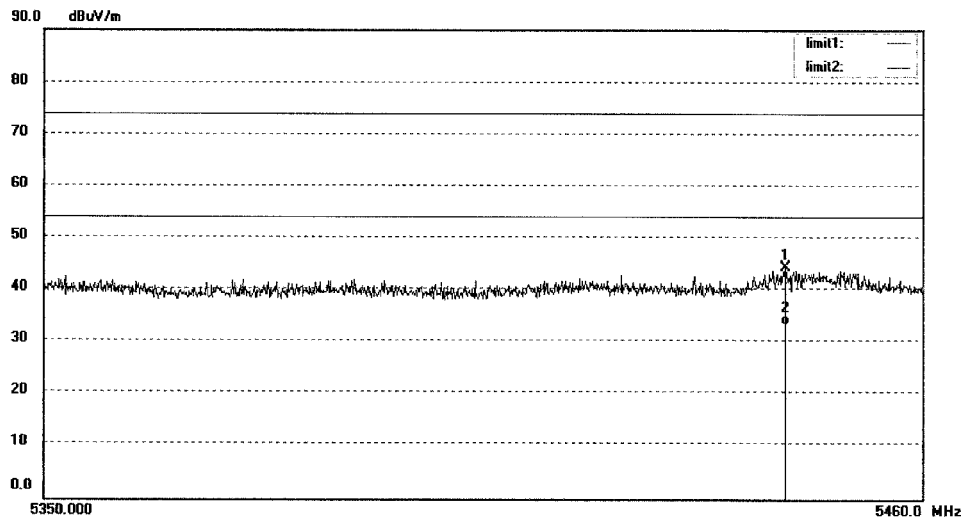
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PZ #279	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5442.769	43.48	0.89	44.37	74.00	-29.63	peak			
2	5442.769	32.51	0.89	33.40	54.00	-20.60	AVG			

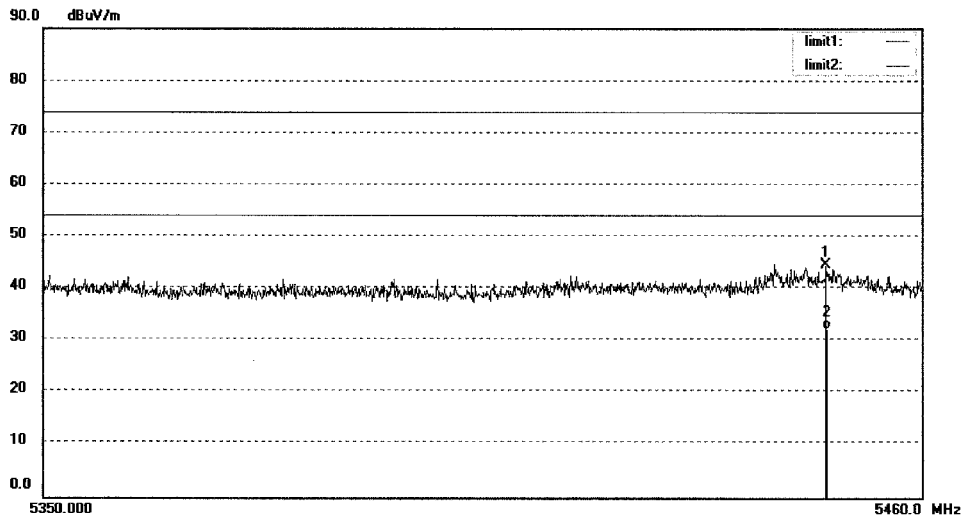

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #280	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5447.911	43.76	0.92	44.68	74.00	-29.32	peak			
2	5447.911	31.38	0.92	32.30	54.00	-21.70	AVG			

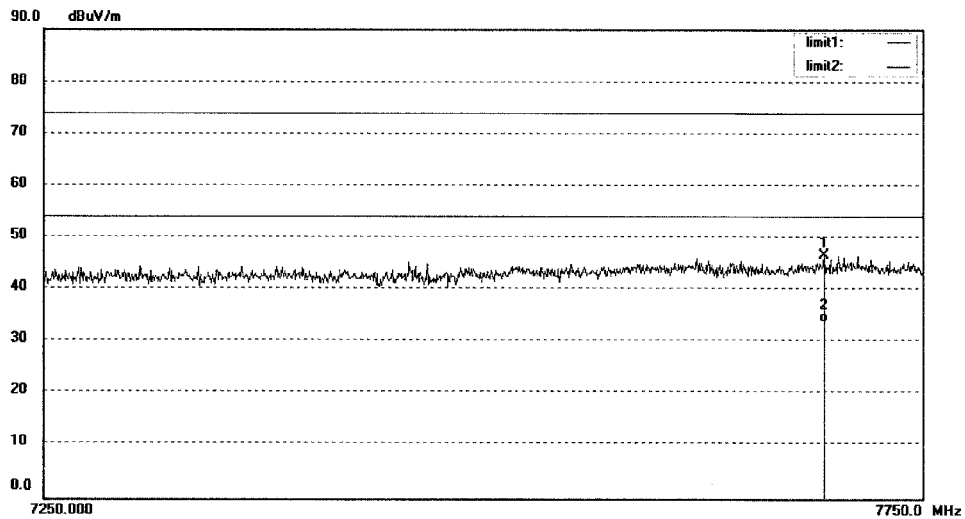

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #282	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7692.726	41.44	5.22	46.66	74.00	-27.34	peak			
2	7692.726	28.68	5.22	33.90	54.00	-20.10	AVG			

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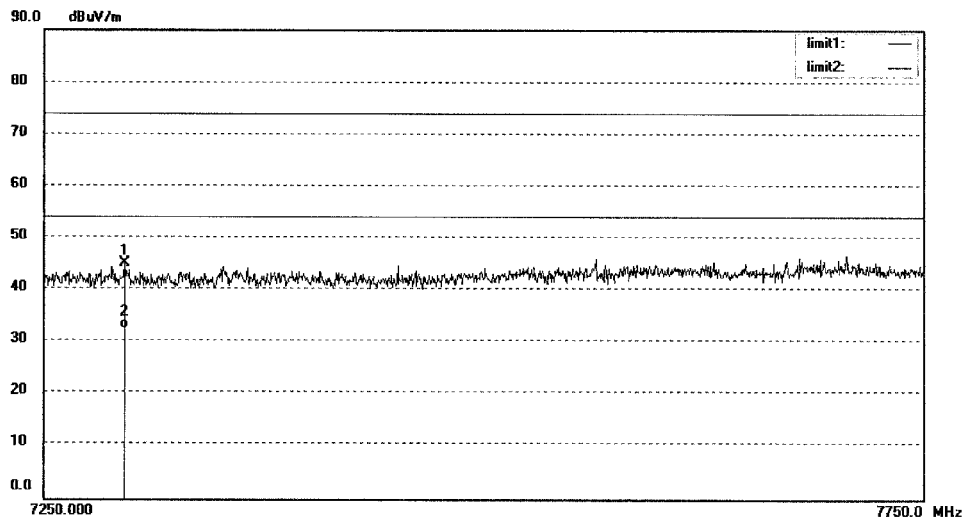
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

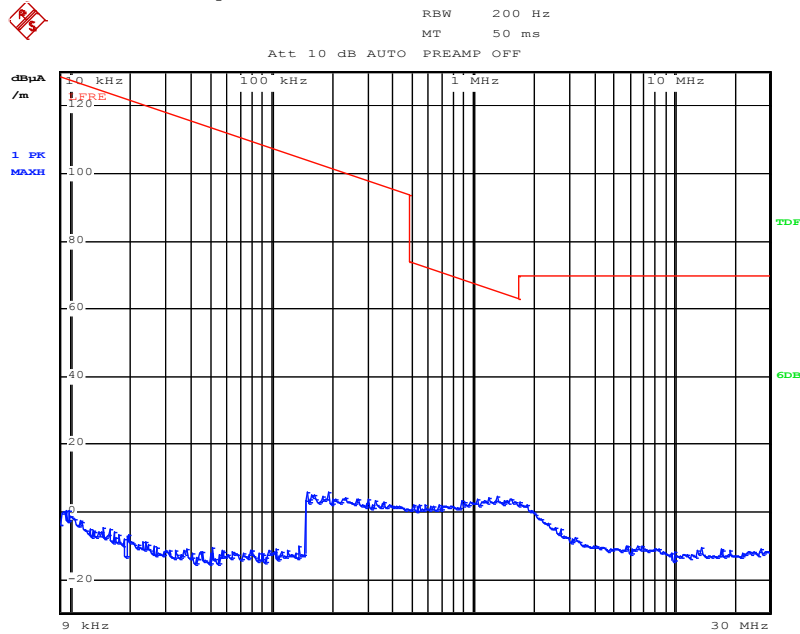
Job No.: PZ #281	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11a



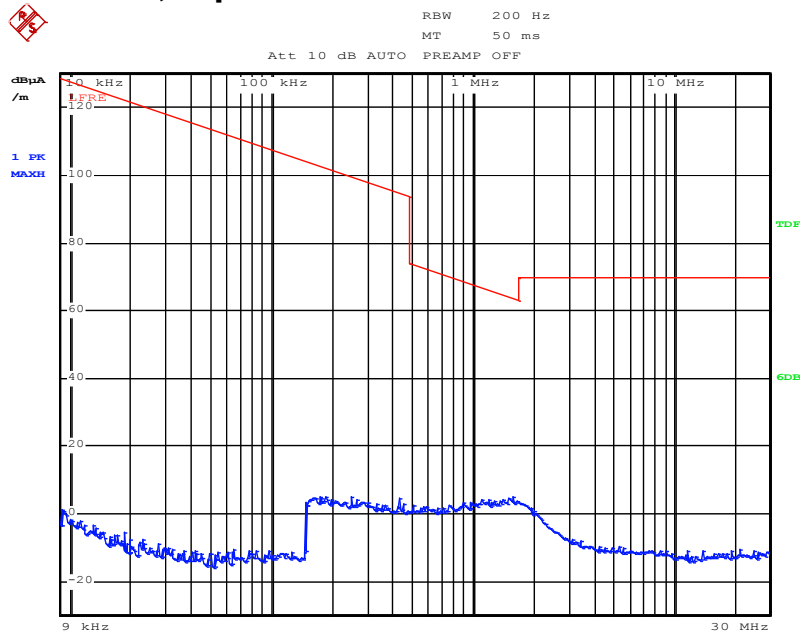
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7294.222	41.87	3.18	45.05	74.00	-28.95	peak			
2	7294.222	29.32	3.18	32.50	54.00	-21.50	AVG			

**Test Plot of Spurious Emission of transmitting of 802.11 n (HT20)
(one antenna)
Channel 5180MHz, X polarization:**

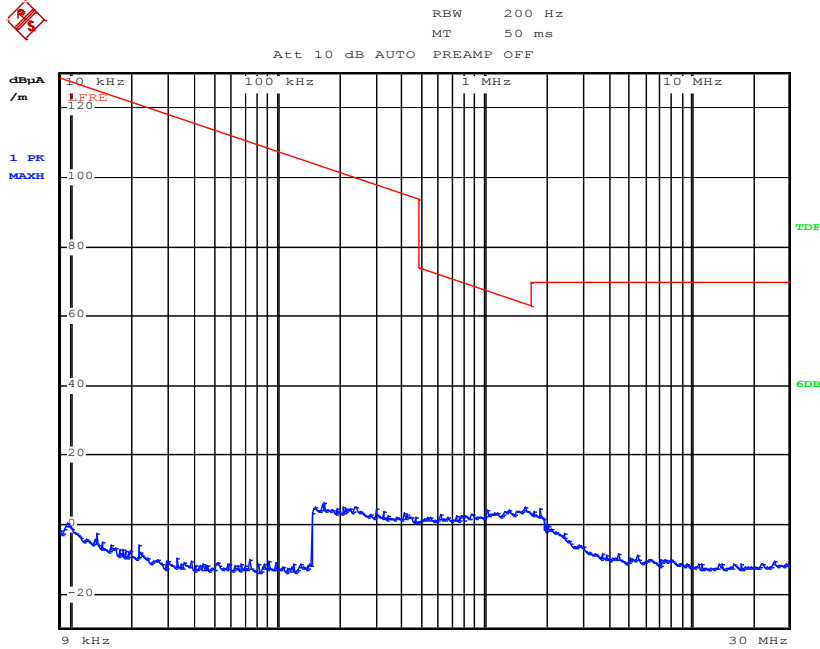


Date: 5.JUN.2014 19:20:40

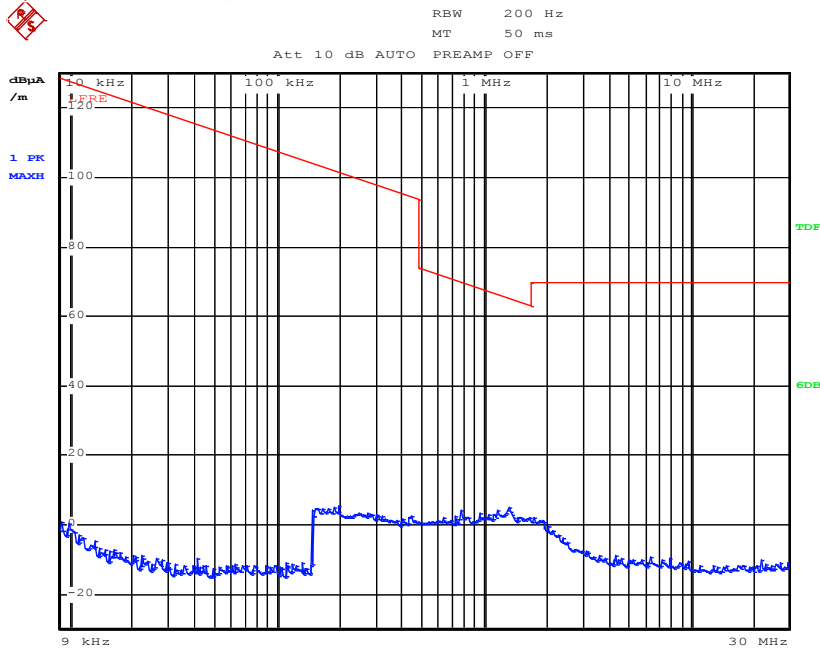
Channel 5180MHz, Y polarization:



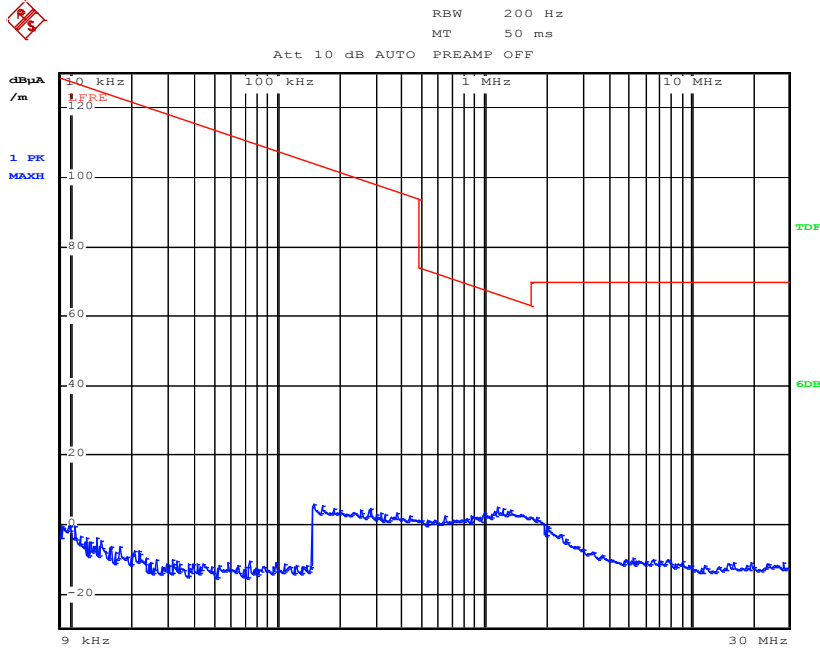
Date: 5.JUN.2014 19:14:31

Channel 5180MHz, Z polarization:


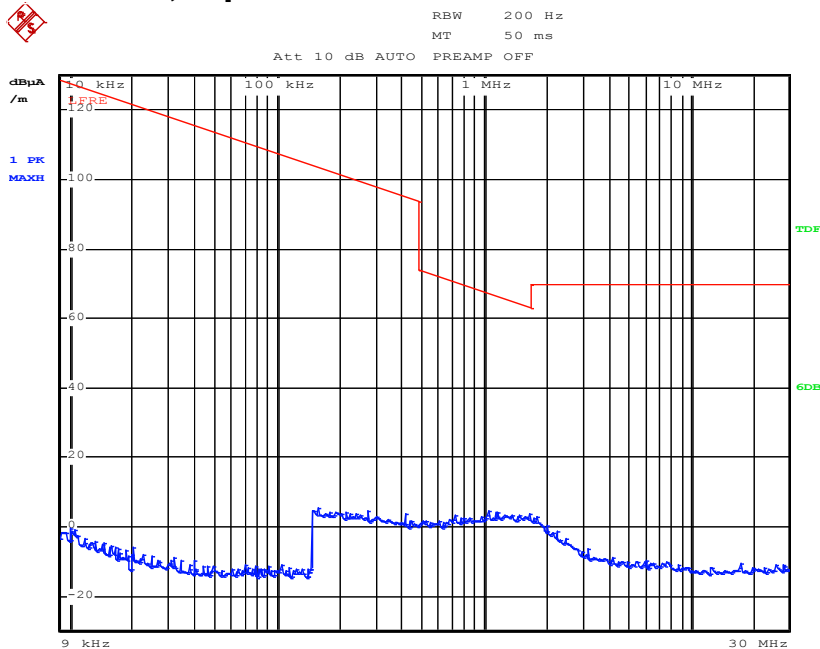
Date: 5.JUN.2014 19:18:39

Channel 5240MHz, X polarization:


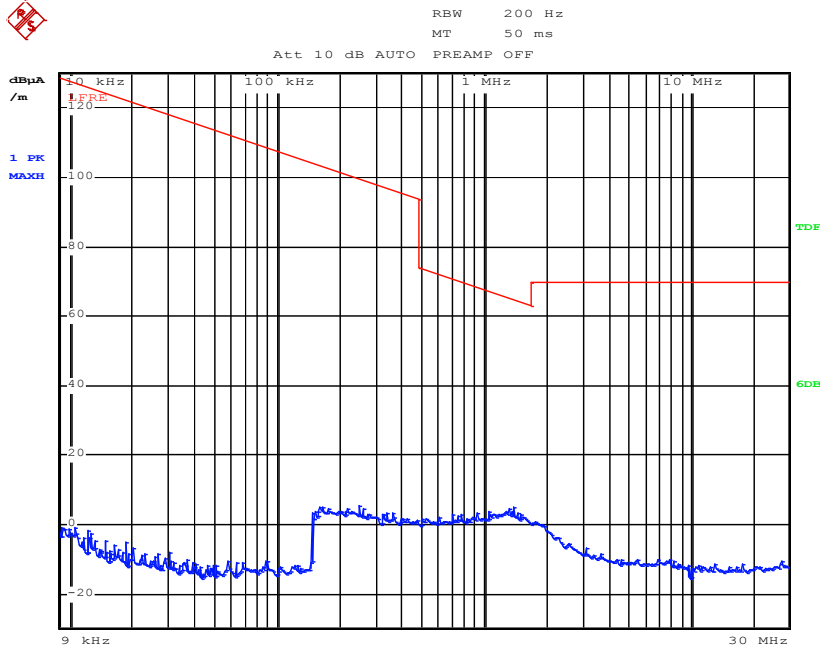
Date: 5.JUN.2014 19:26:34

Channel 5240MHz, Y polarization:


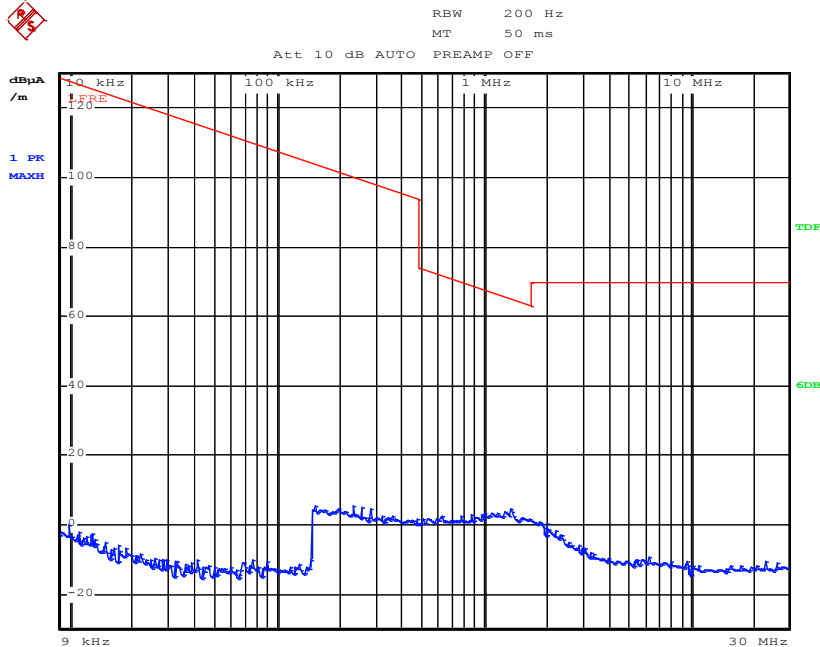
Date: 5.JUN.2014 19:22:33

Channel 5240MHz, Z polarization:


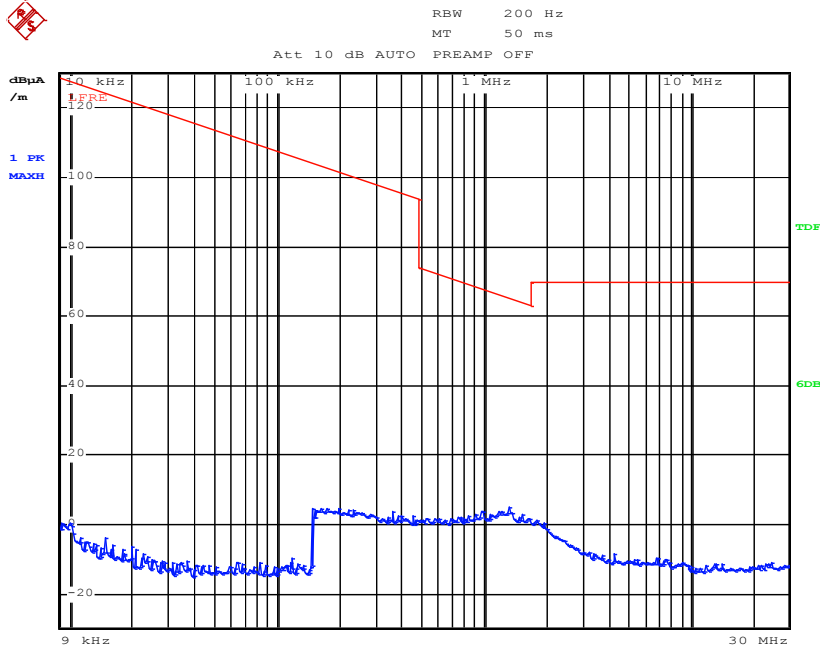
Date: 5.JUN.2014 19:24:38

Channel 5745MHz, X polarization:


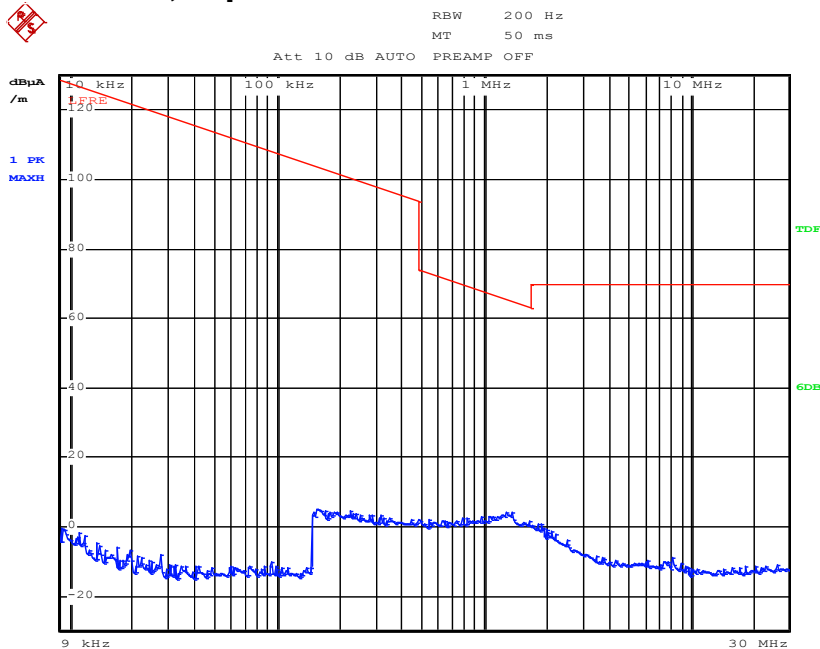
Date: 5.JUN.2014 19:32:18

Channel 5745MHz, Y polarization:


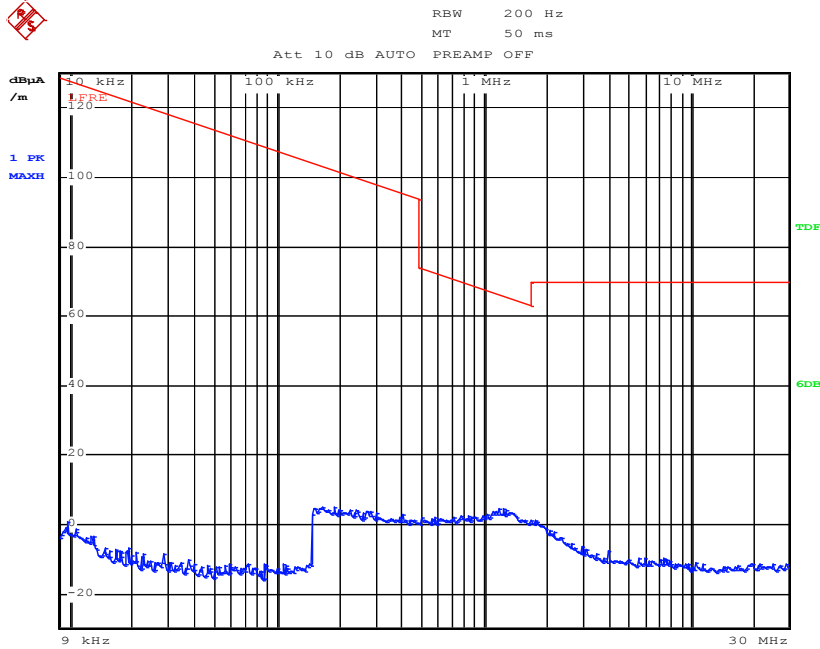
Date: 5.JUN.2014 19:28:31

Channel 5745MHz, Z polarization:


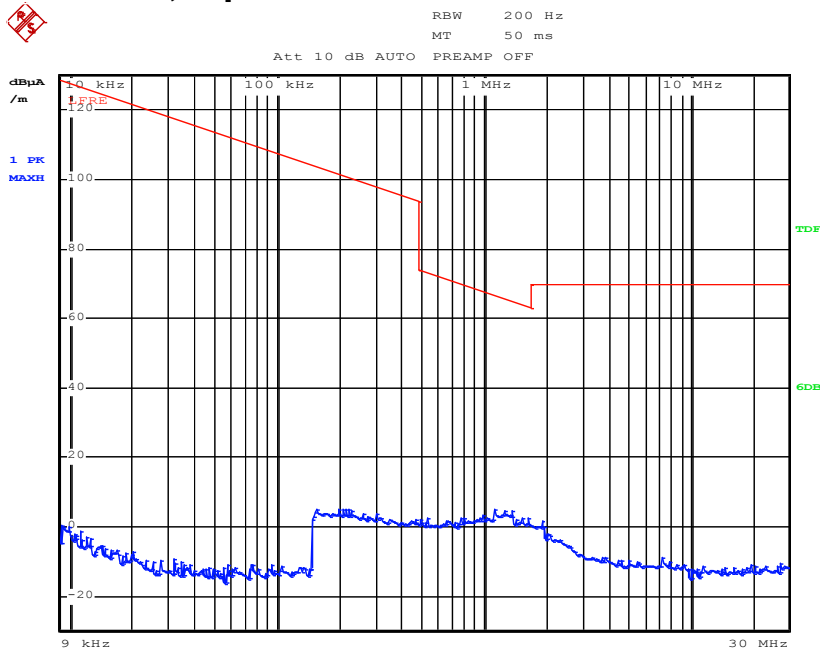
Date: 5.JUN.2014 19:30:24

Channel 5825MHz, X polarization:


Date: 5.JUN.2014 19:38:12

Channel 5825MHz, Y polarization:


Date: 5.JUN.2014 19:34:12

Channel 5825MHz, Z polarization:


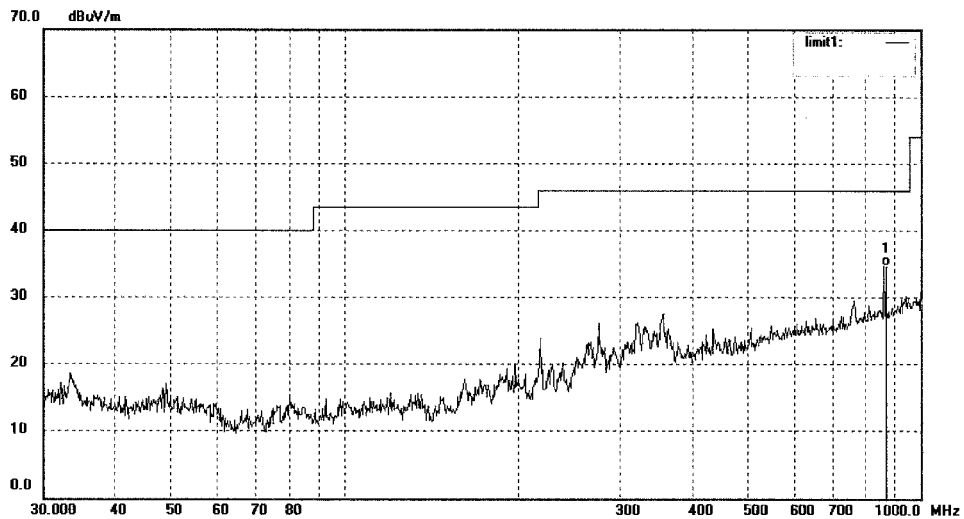
Date: 5.JUN.2014 19:36:11


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 Site: 2# Chamber
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Job No.: PZ #392	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9801	33.58	1.11	34.69	46.00	-11.31	QP			

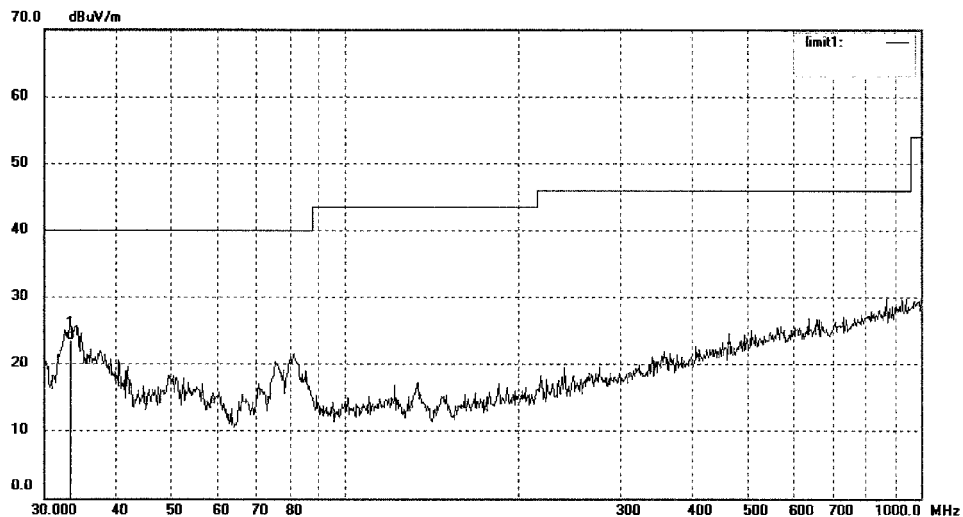

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 Site: 2# Chamber
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Job No.: PZ #393	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.5700	33.75	-10.27	23.48	40.00	-16.52	QP			

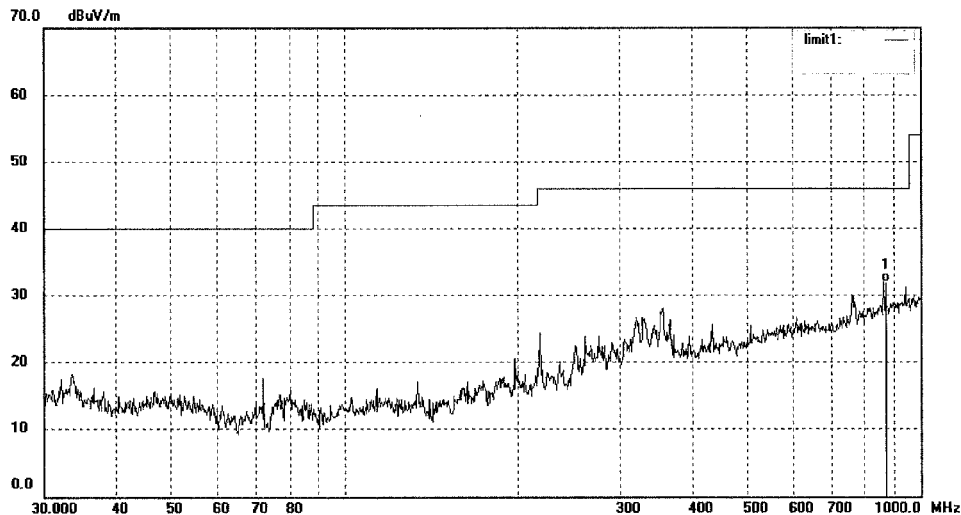

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #395	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9612	30.80	1.11	31.91	46.00	-14.09	QP			

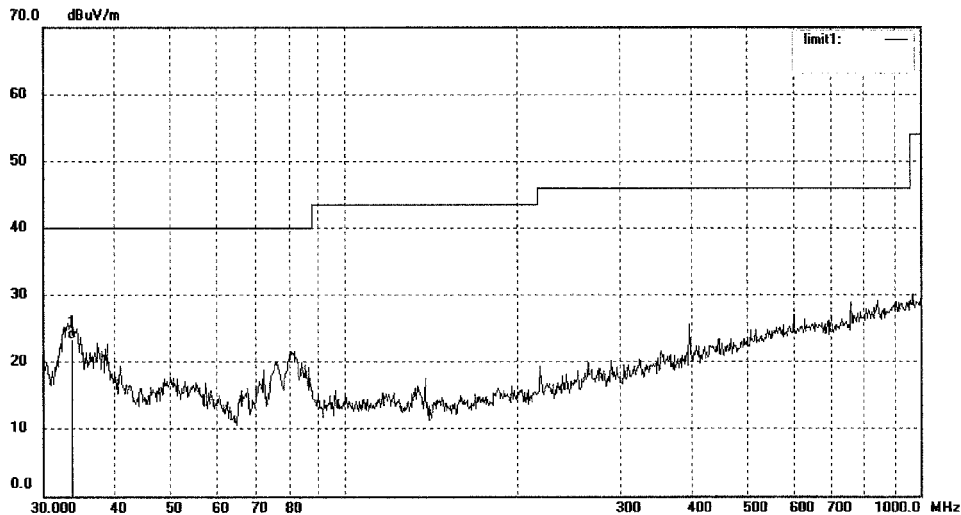

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #394	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.5700	33.59	-10.27	23.32	40.00	-16.68	QP			

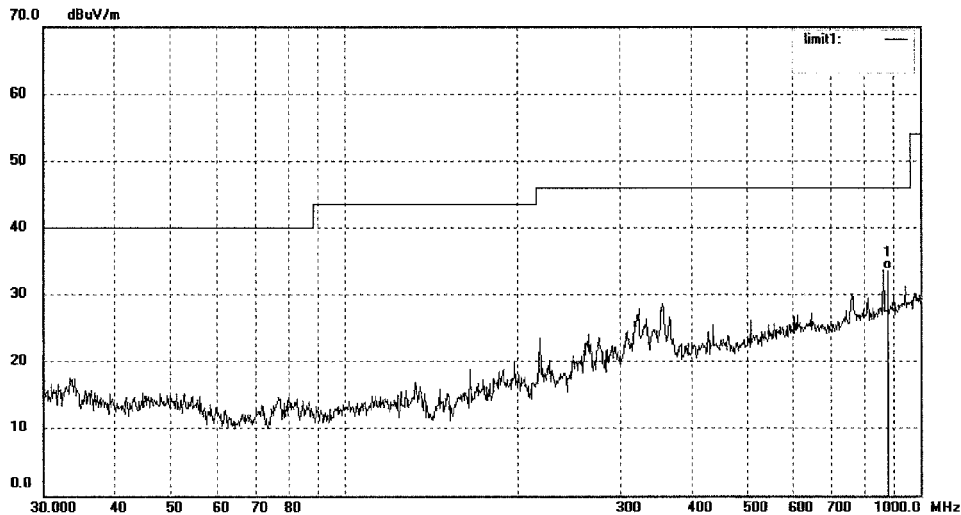

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #396	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9257	32.57	1.11	33.68	46.00	-12.32	QP			

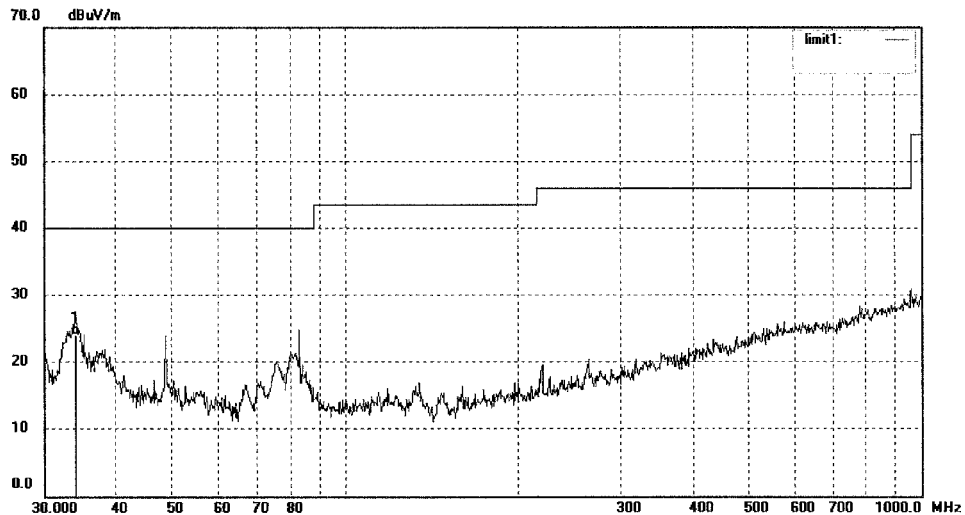

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #397	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.9776	34.32	-10.31	24.01	40.00	-15.99	QP			

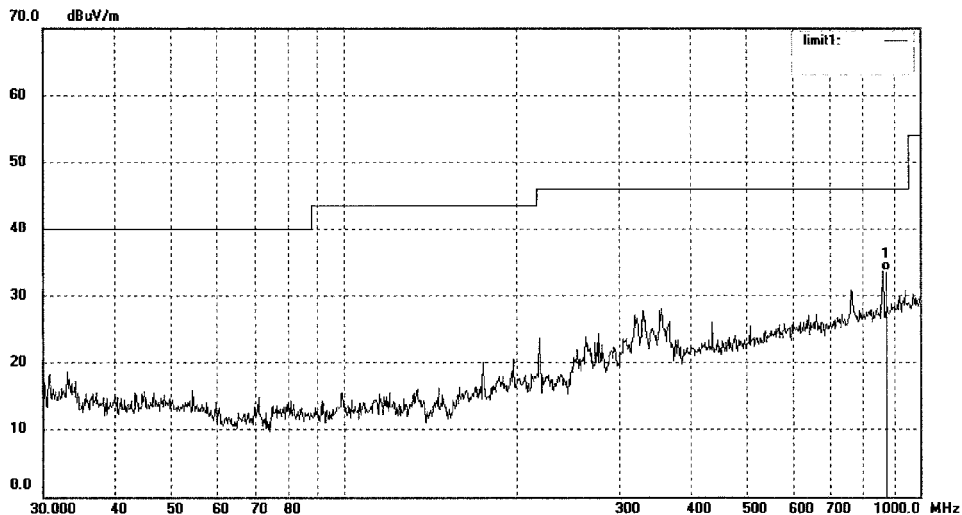

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #399	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9334	32.64	1.11	33.75	46.00	-12.25	QP			

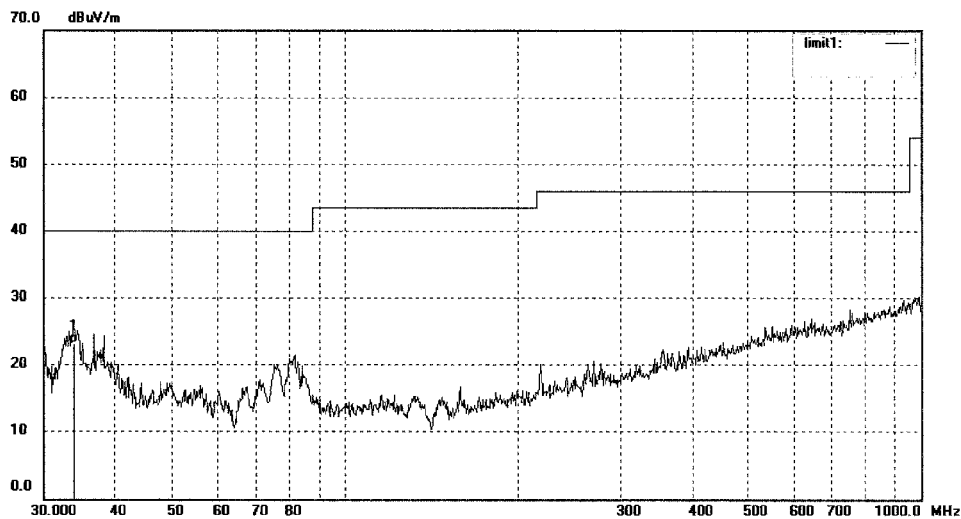

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #398	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



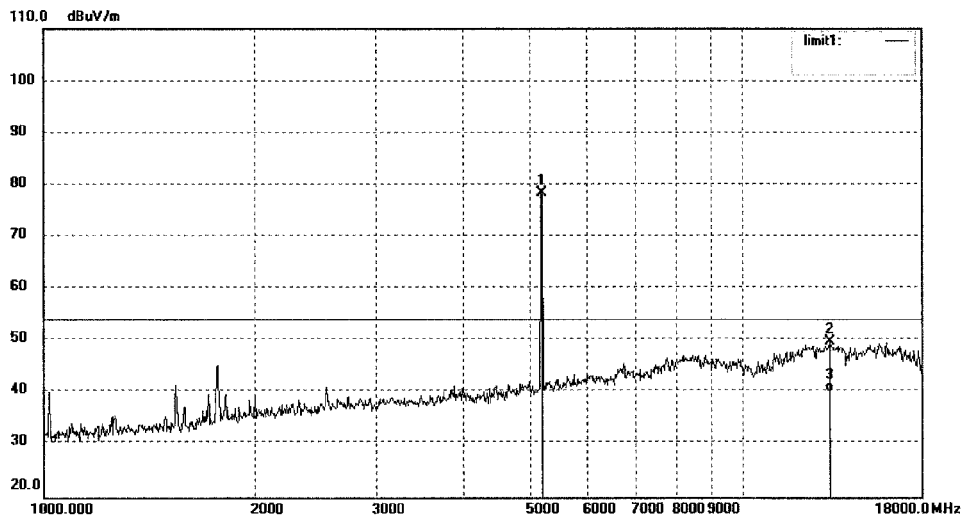
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.8067	33.55	-10.30	23.25	40.00	-16.75	QP			


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #286	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	
Note: 802.11n20(ANT1)	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	77.75	0.61	78.36	/	/	peak			
2	13337.303	10.33	39.40	49.73	74.00	-24.27	peak			
3	13337.303	0.83	39.40	40.23	54.00	-13.77	AVG			

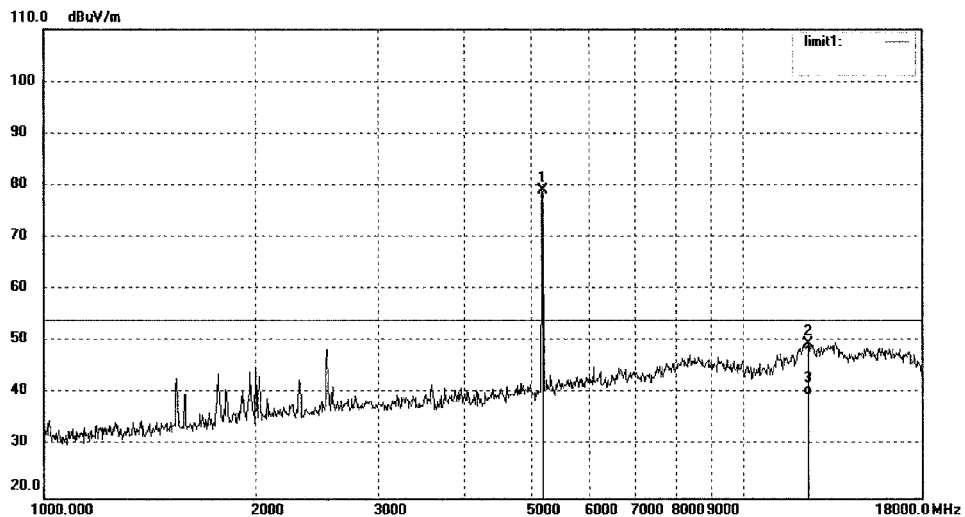

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #285	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT1)



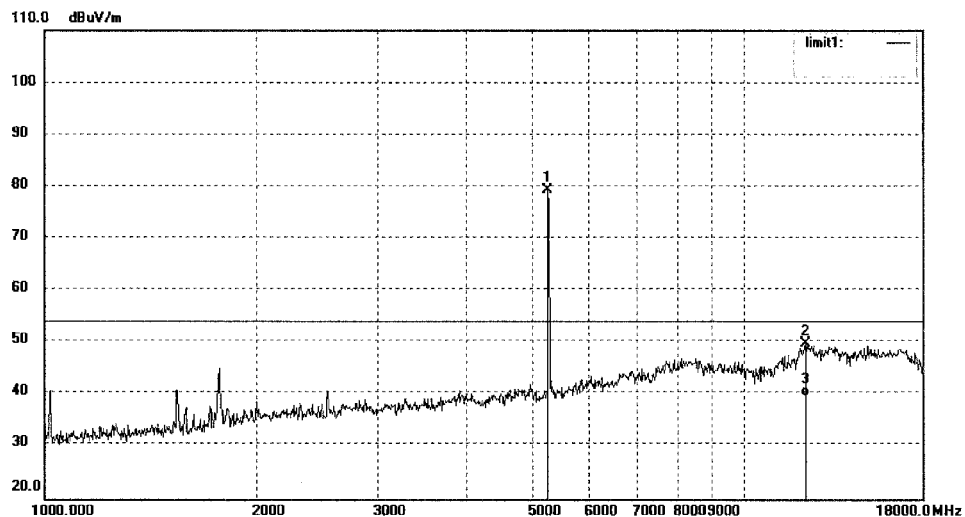
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5180.000	78.40	0.61	79.01	/	/	peak			
2	12401.236	11.23	38.30	49.53	74.00	-24.47	peak			
3	12401.236	1.50	38.30	39.80	54.00	-14.20	AVG			


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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #291	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	
Note: 802.11n20(ANT1)	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	78.45	0.82	79.27	/	/	peak			
2	12257.686	11.65	38.16	49.81	74.00	-24.19	peak			
3	12257.686	1.47	38.16	39.63	54.00	-14.37	AVG			

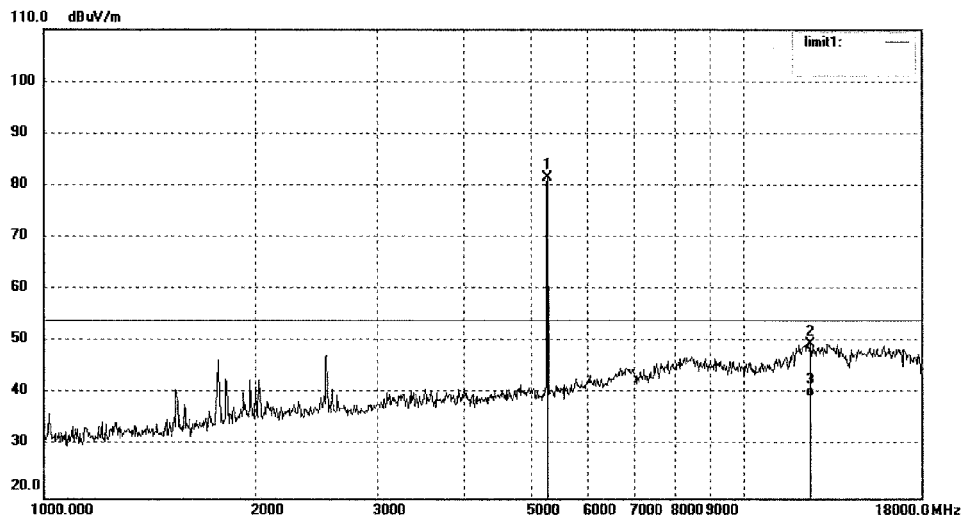

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #296	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT1)



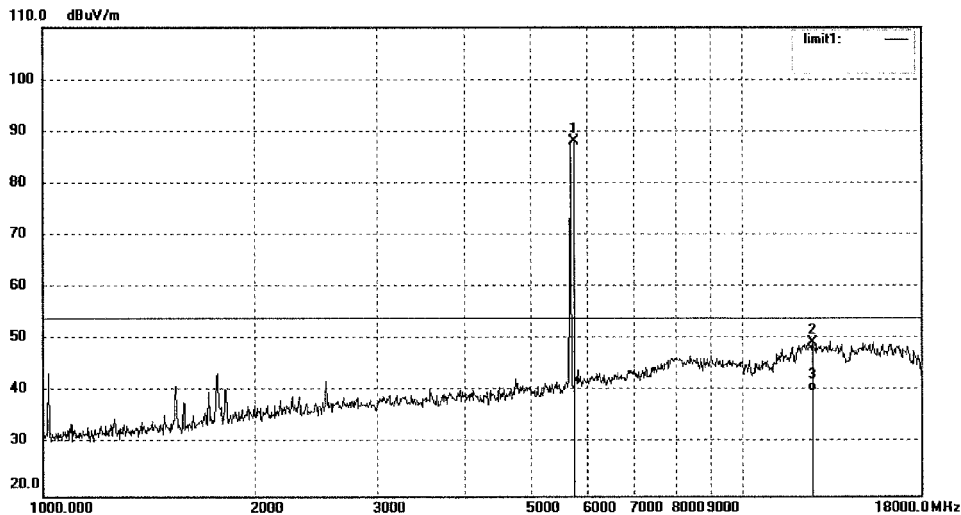
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5240.000	80.68	0.82	81.50	/	/	peak			
2	12510.001	11.14	38.41	49.55	74.00	-24.45	peak			
3	12510.001	1.02	38.41	39.43	54.00	-14.57	AVG			


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 Site: 2# Chamber
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Job No.: PZ #292	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	
Note: 802.11n20(ANT1)	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	86.55	1.50	88.05	/	/	peak			
2	12583.040	10.85	38.50	49.35	74.00	-24.65	peak			
3	12583.040	1.39	38.50	39.89	54.00	-14.11	AVG			

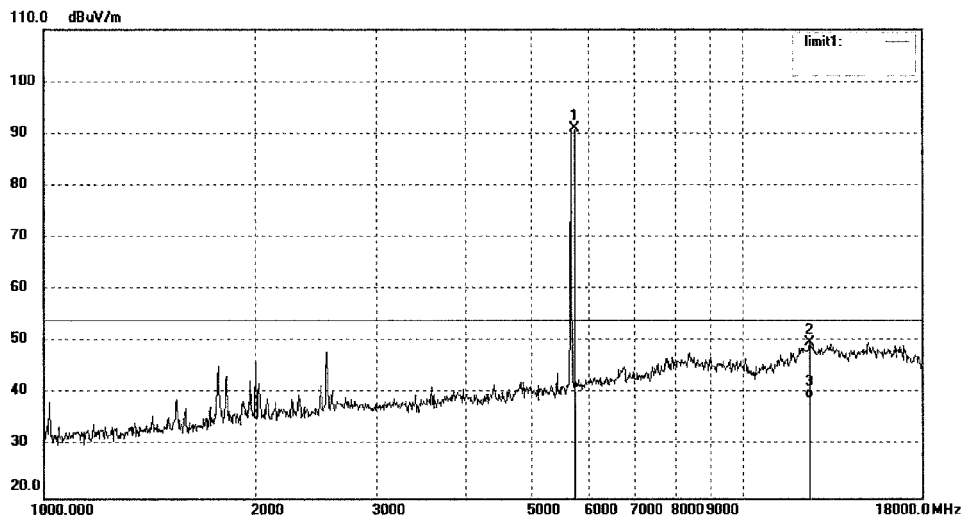

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #293	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5745.000	89.50	1.50	91.00	/	/	peak			
2	12437.385	11.53	38.34	49.87	74.00	-24.13	peak			
3	12437.385	0.75	38.34	39.09	54.00	-14.91	AVG			

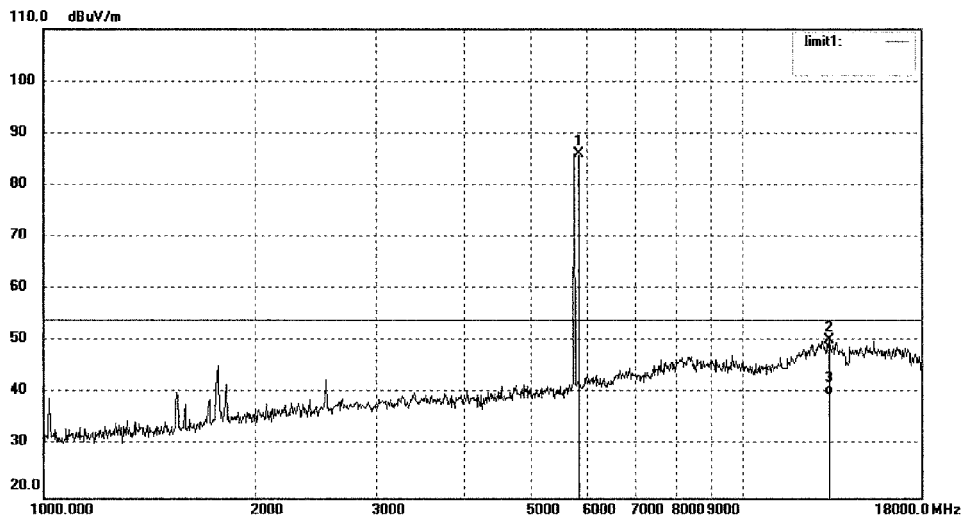

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #298	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	84.14	1.97	86.11	/	/	peak			
2	13298.538	10.89	39.36	50.25	74.00	-23.75	peak			
3	13298.538	0.39	39.36	39.75	54.00	-14.25	QP			

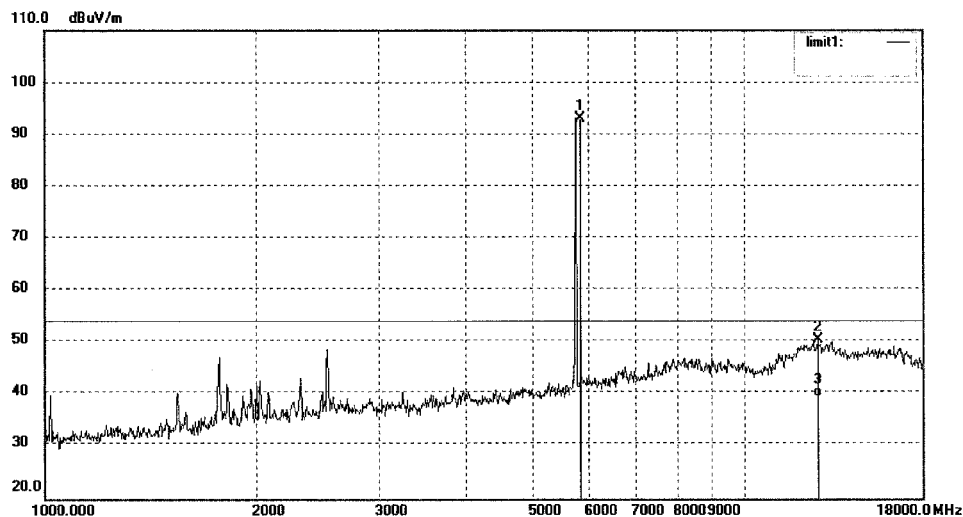

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #297	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5825.000	91.12	1.97	93.09	/	/	peak			
2	12730.400	11.72	38.68	50.40	74.00	-23.60	peak			
3	12730.400	0.89	38.68	39.57	54.00	-14.43	AVG			

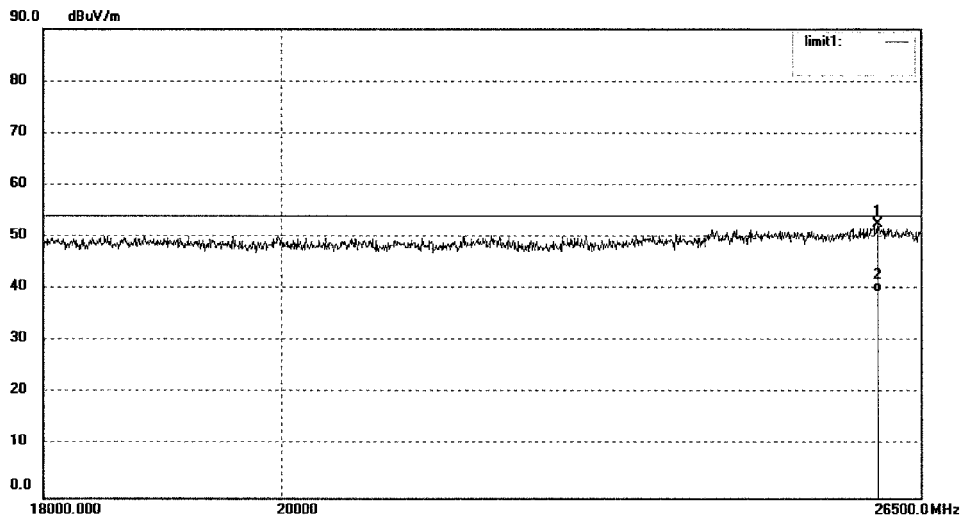

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #485	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



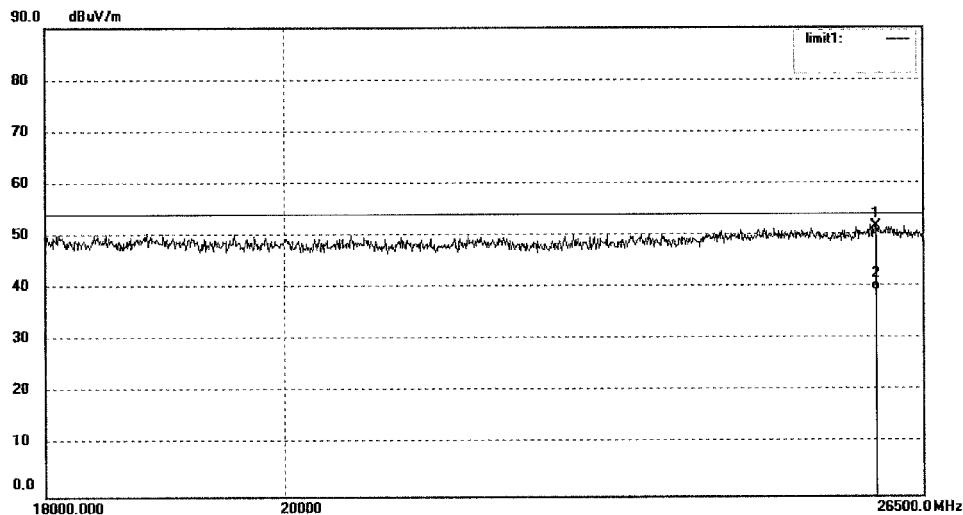
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26001.517	33.85	18.73	52.58	74.00	-21.42	peak			
2	26001.517	20.74	18.73	39.47	54.00	-14.53	AVG			


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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #486	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



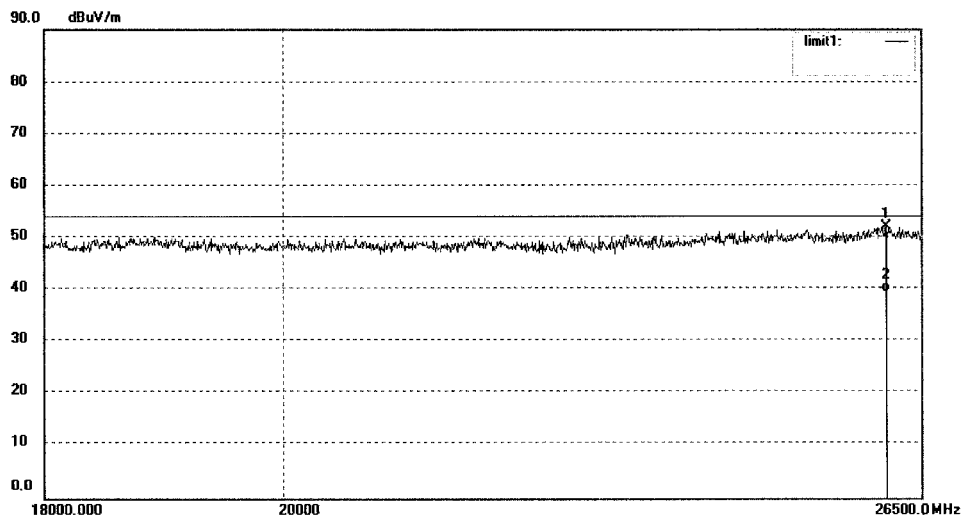
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25971.304	32.91	18.71	51.62	74.00	-22.38	peak			
2	25971.304	20.58	18.71	39.29	54.00	-14.71	AVG			


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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #488	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	
Note: 802.11n20(ANT 1)	



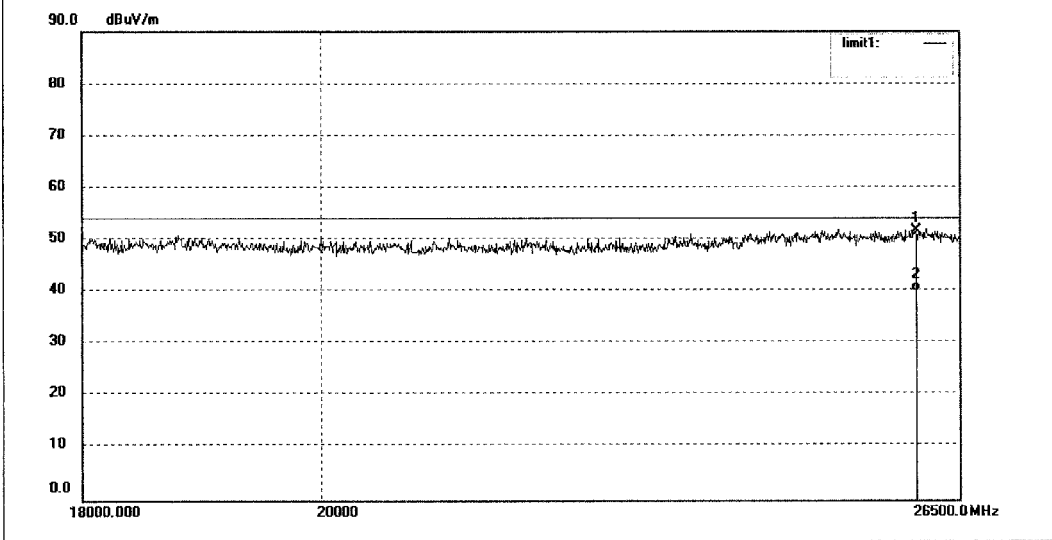
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26102.481	33.42	18.76	52.18	74.00	-21.82	peak			
2	26102.481	20.70	18.76	39.46	54.00	-14.54	AVG			


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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #487	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	
Note: 802.11n20(ANT 1)	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26011.596	33.02	18.73	51.75	74.00	-22.25	peak			
2	26011.596	21.11	18.73	39.84	54.00	-14.16	QP			

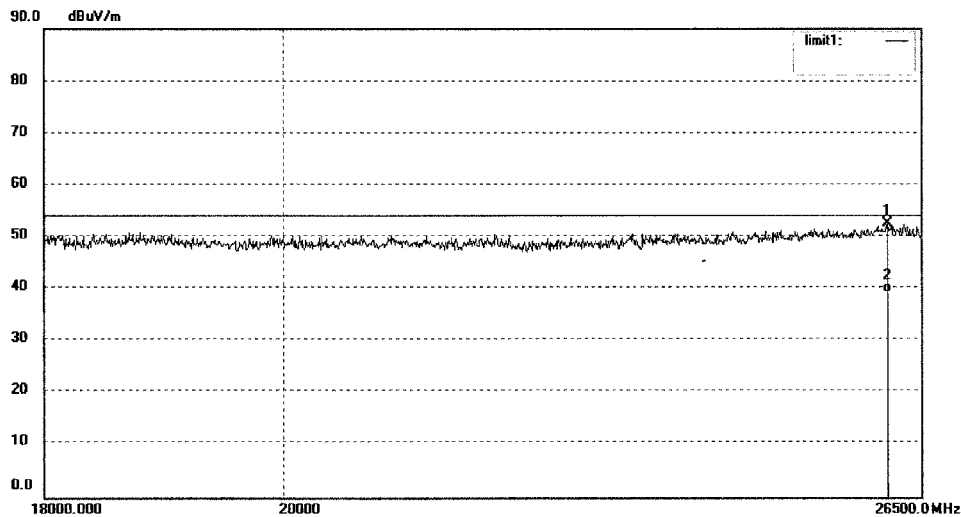

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 Site: 2# Chamber
 Tel: +86-0755-26503290
 Fax: +86-0755-26503396

Job No.: PZ #489	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26112.599	33.69	18.76	52.45	74.00	-21.55	peak			
2	26112.599	20.57	18.76	39.33	54.00	-14.67	AVG			

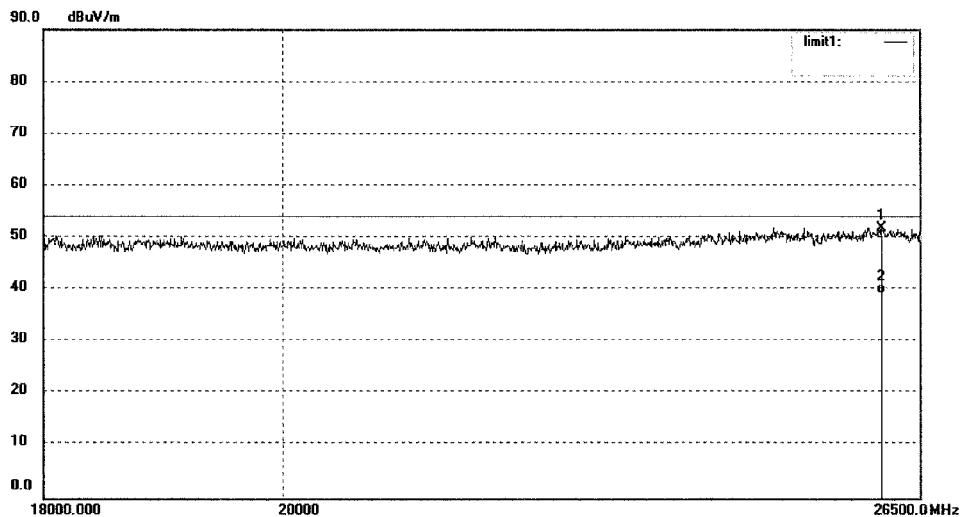

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #490	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26062.048	33.16	18.75	51.91	74.00	-22.09	peak			
2	26062.048	20.42	18.75	39.17	54.00	-14.83	AVG			

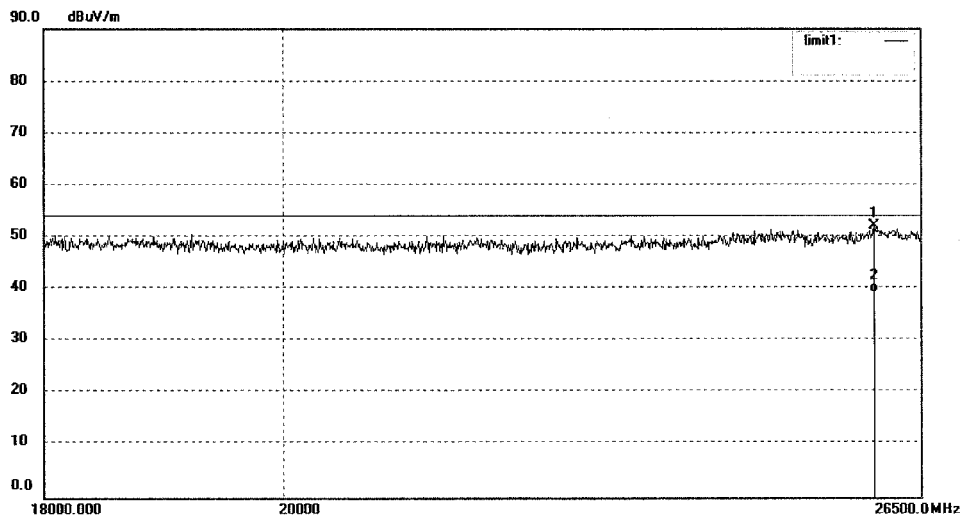

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #492	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25961.241	33.30	18.71	52.01	74.00	-21.99	peak			
2	25961.241	20.50	18.71	39.21	54.00	-14.79	AVG			

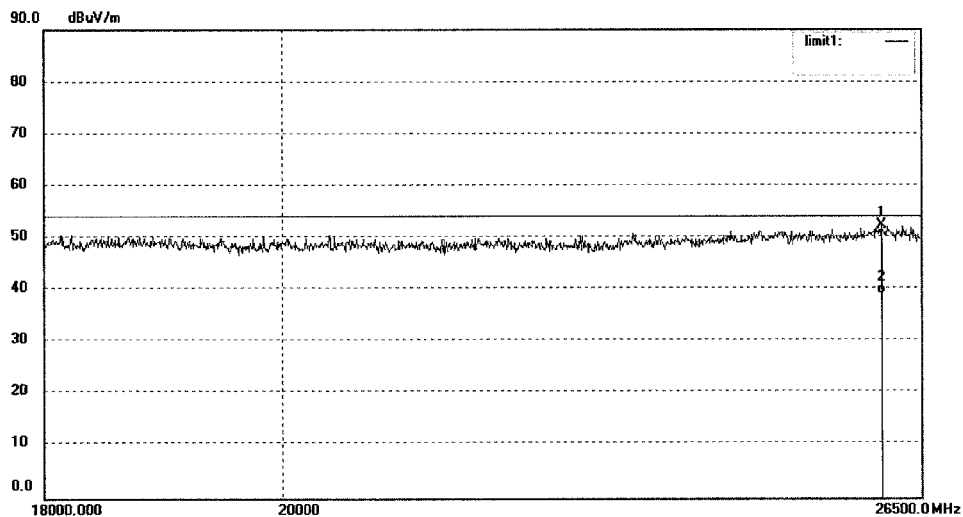

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #491	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/08/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26041.856	33.59	18.74	52.33	74.00	-21.67	peak			
2	26041.856	20.37	18.74	39.11	54.00	-14.89	AVG			

Test

1 / 1

Radiated Emission

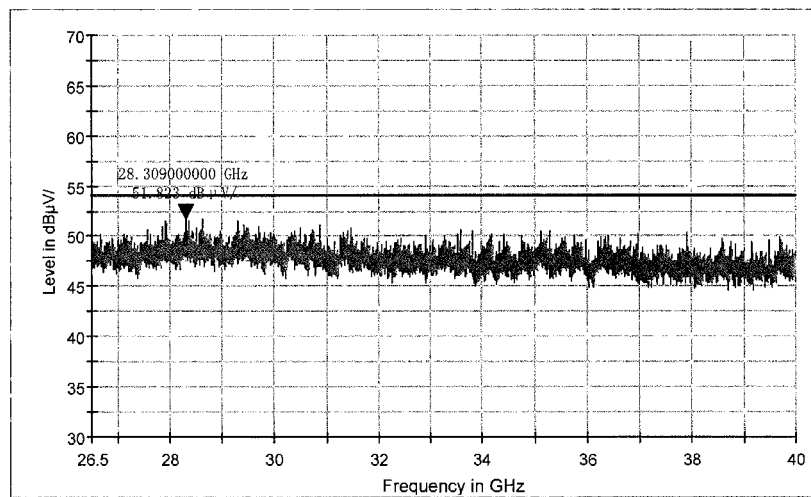
EUT Information

EUT Model Name: Tablet M/N:NS-15AT10
Operation mode: TX 5180MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11n20(ANT 1)

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

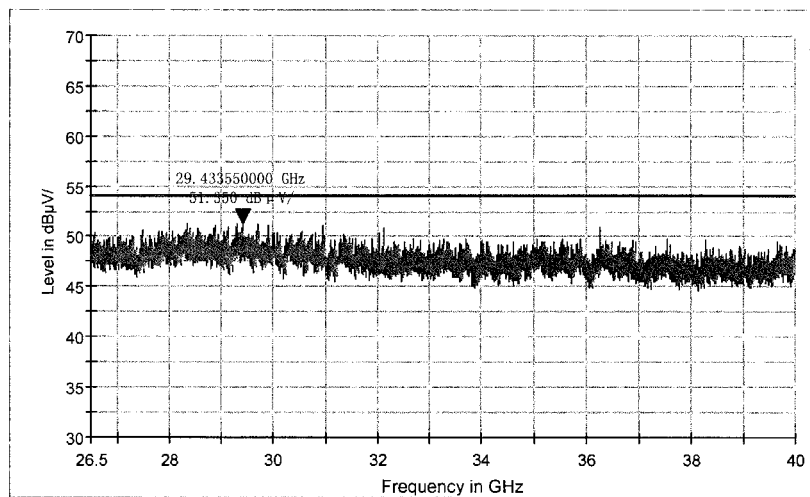
EUT Information

EUT Model Name: Tablet M/N:NS-15AT10
Operation mode: TX 5180MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11n20(ANT 1)

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

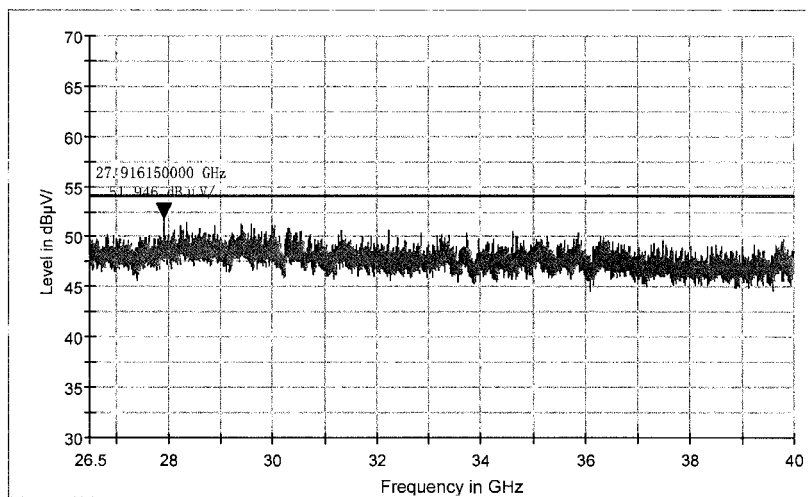
EUT Information

EUT Model Name: Tablet M/N:NS-15AT10
Operation mode: TX 5240MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11n20(ANT 1)

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

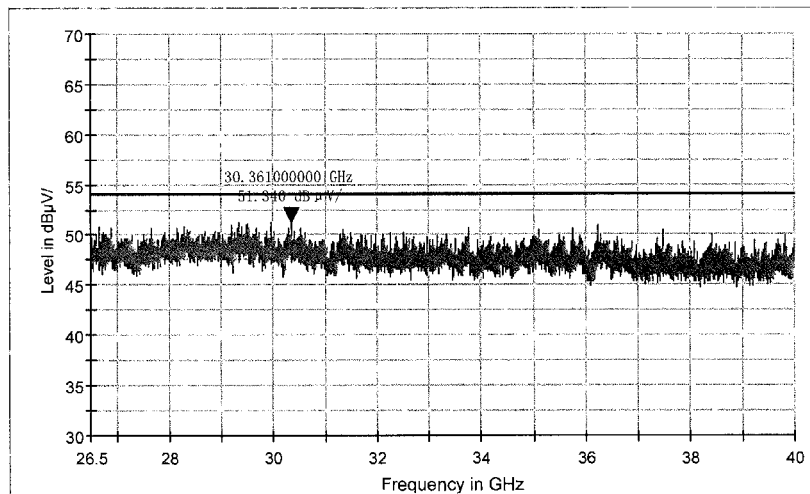
EUT Information

EUT Model Name:	Tablet M/N: NS-15AT10
Operation mode:	TX 5240MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n20(ANT 1)

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Vertical
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

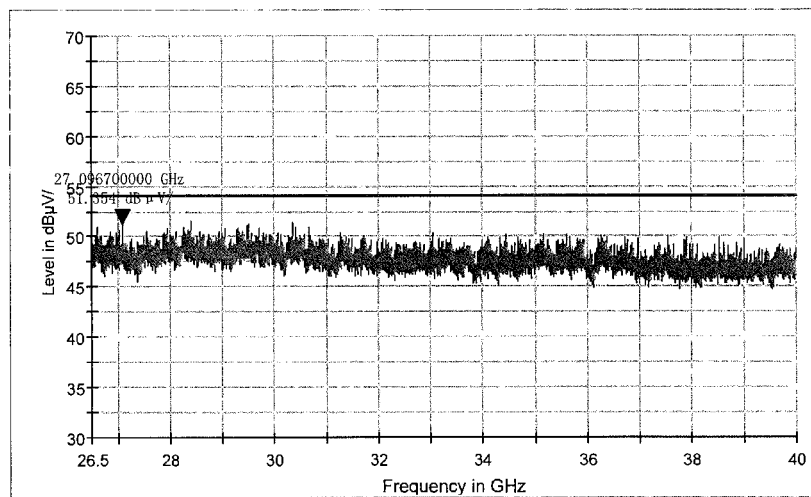
EUT Information

EUT Model Name: Tablet M/N: NS-15AT10
Operation mode: TX 5745MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11n20(ANT 1)

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Horizontal
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

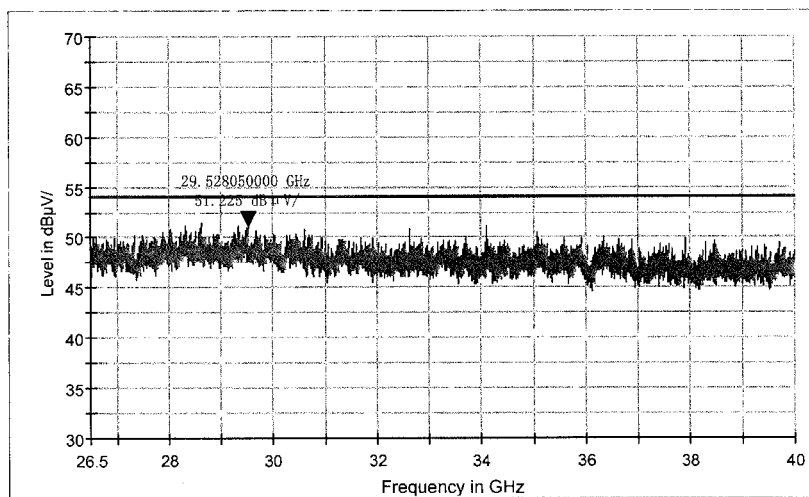
EUT Information

EUT Model Name: Tablet M/N: NS-15AT10
Operation mode: TX 5745MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11n20(ANT 1)

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

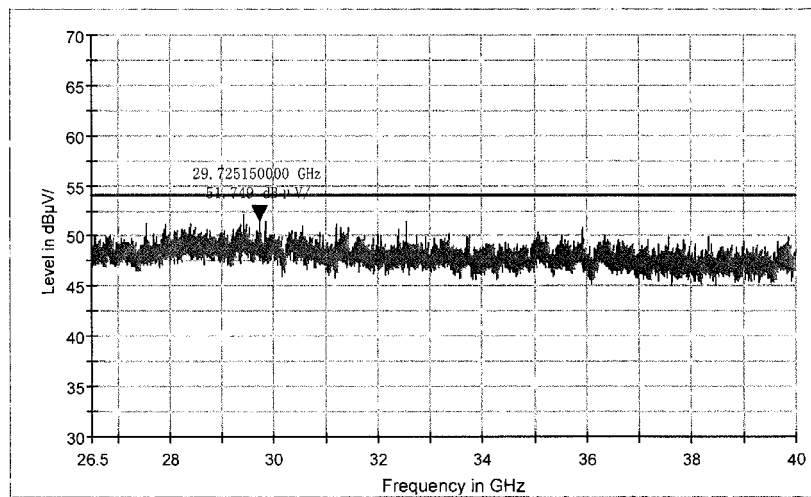
EUT Information

EUT Model Name:	Tablet M/N:NS-15AT10
Operation mode:	TX 5825MHz
Test Voltage:	AC 120V/60Hz
Comment:	802.11n20(ANT 1)

Common Information

Test Site:	SMQ EMC Lab.
Environment Conditions:	
Antenna Polarization:	Horizontal
Operator Name:	
Comment:	

Copy of FCC Electric Field Strength 26.5-40GHz



Test

1 / 1

Radiated Emission

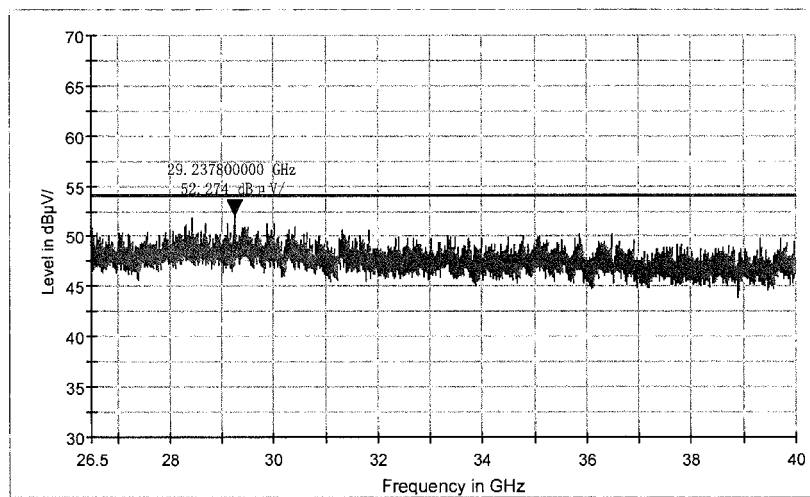
EUT Information

EUT Model Name: Tablet M/N: NS-15AT10
Operation mode: TX 5825MHz
Test Voltage: AC 120V/60Hz
Comment: 802.11n20(ANT 1)

Common Information

Test Site: SMQ EMC Lab.
Environment Conditions:
Antenna Polarization: Vertical
Operator Name:
Comment:

Copy of FCC Electric Field Strength 26.5-40GHz



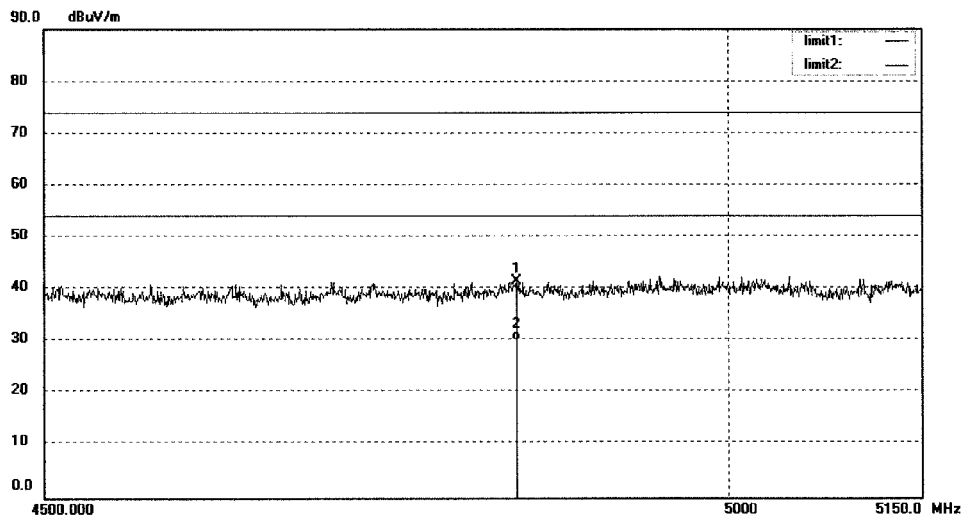

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #287	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4838.836	41.56	-0.11	41.45	74.00	-32.55	peak			
2	4838.836	30.21	-0.11	30.10	54.00	-23.90	AVG			

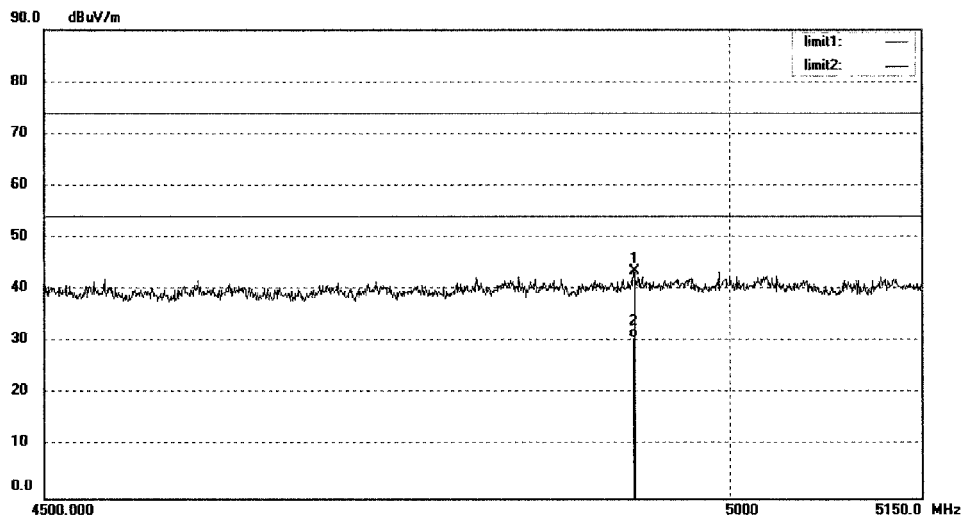

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #288	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4927.753	43.17	0.37	43.54	74.00	-30.46	peak			
2	4927.753	30.33	0.37	30.70	54.00	-23.30	AVG			

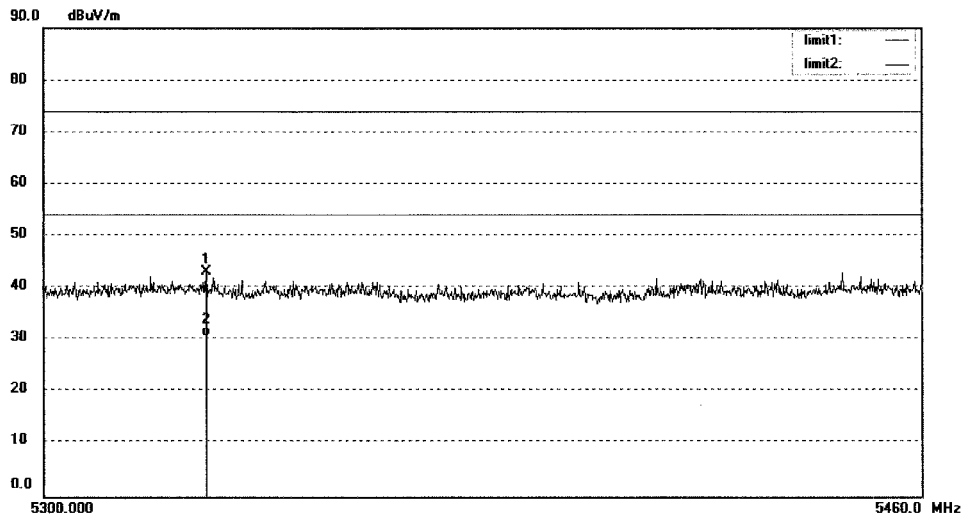

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #290	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



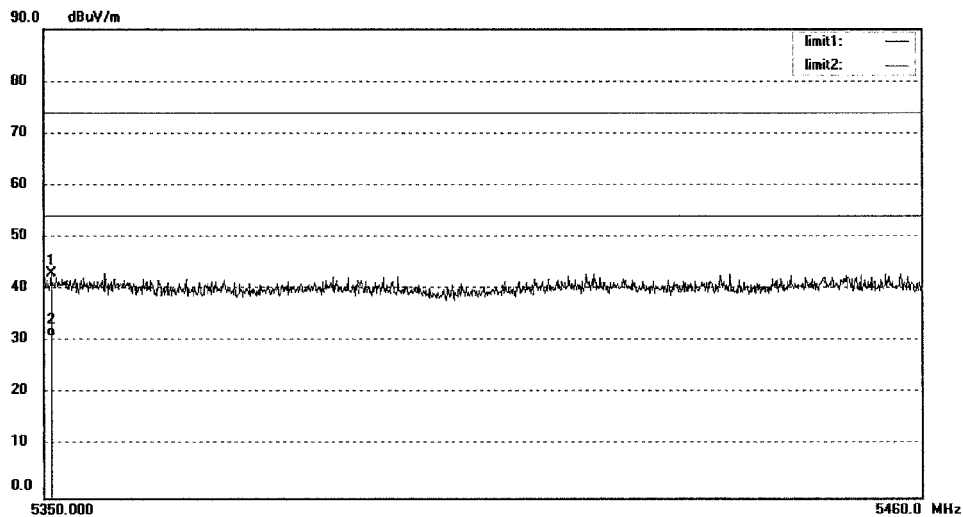
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5329.142	42.08	0.91	42.99	74.00	-31.01	peak			
2	5329.142	29.75	0.91	30.66	54.00	-23.34	AVG			


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 Fax:+86-0755-26503396

Job No.: PZ #289	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/05/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



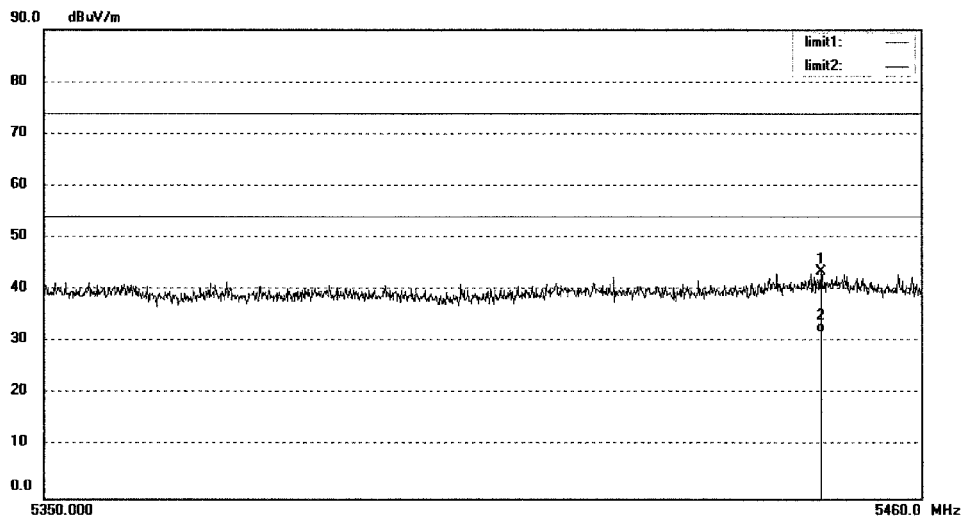
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.873	42.25	0.84	43.09	74.00	-30.91	peak			
2	5350.873	30.06	0.84	30.90	54.00	-23.10	AVG			


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 Site: 2# Chamber
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Job No.: PZ #295	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	
Note: 802.11n20(ANT 1)	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5447.321	42.63	0.92	43.55	74.00	-30.45	peak			
2	5447.321	30.86	0.92	31.78	54.00	-22.22	AVG			

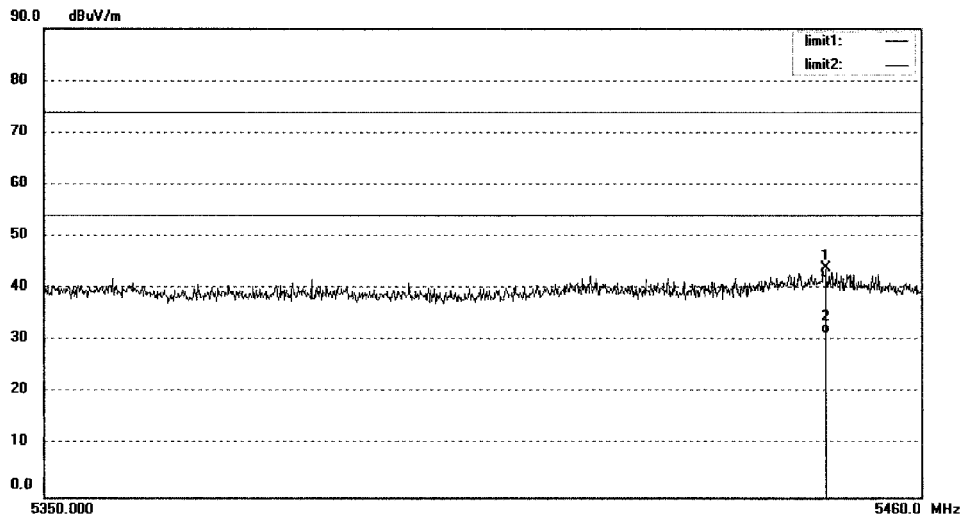

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 Site: 2# Chamber
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Job No.: PZ #294	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5448.082	43.02	0.92	43.94	74.00	-30.06	peak			
2	5448.082	30.48	0.92	31.40	54.00	-22.60	AVG			

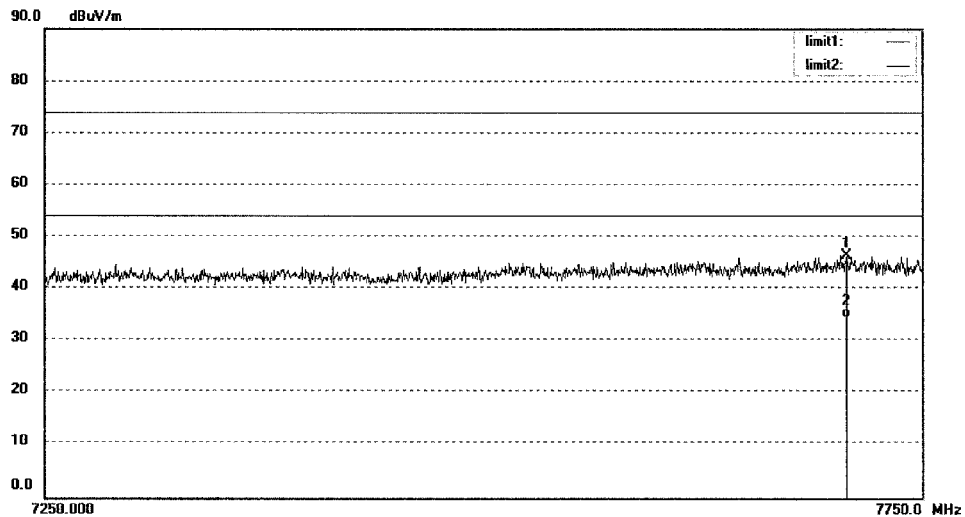

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 Site: 2# Chamber
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Job No.: PZ #299	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7705.654	41.20	5.28	46.48	74.00	-27.52	peak			
2	7705.654	29.32	5.28	34.60	54.00	-19.40	AVG			

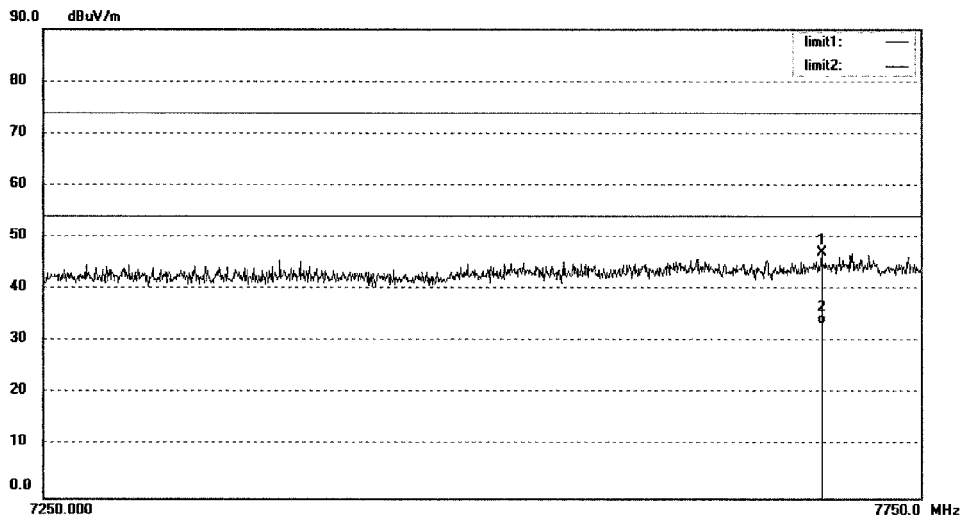

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 Site: 2# Chamber
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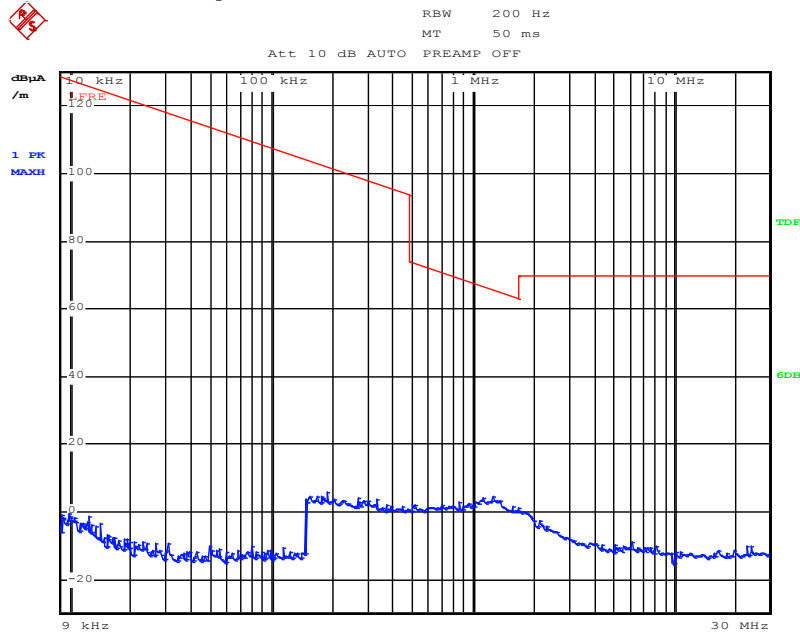
Job No.: PZ #300	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/06/06/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5825MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1)



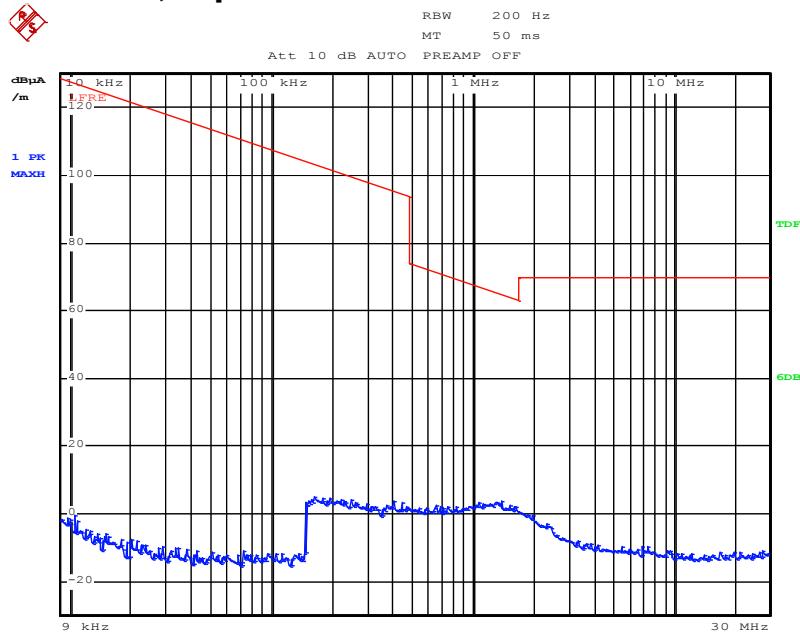
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	7691.698	41.85	5.22	47.07	74.00	-26.93	peak			
2	7691.698	28.25	5.22	33.47	54.00	-20.53	AVG			

**Test Plot of Spurious Emission of transmitting of 802.11 n (HT20)
(two antenna)
Channel 5180MHz, X polarization:**

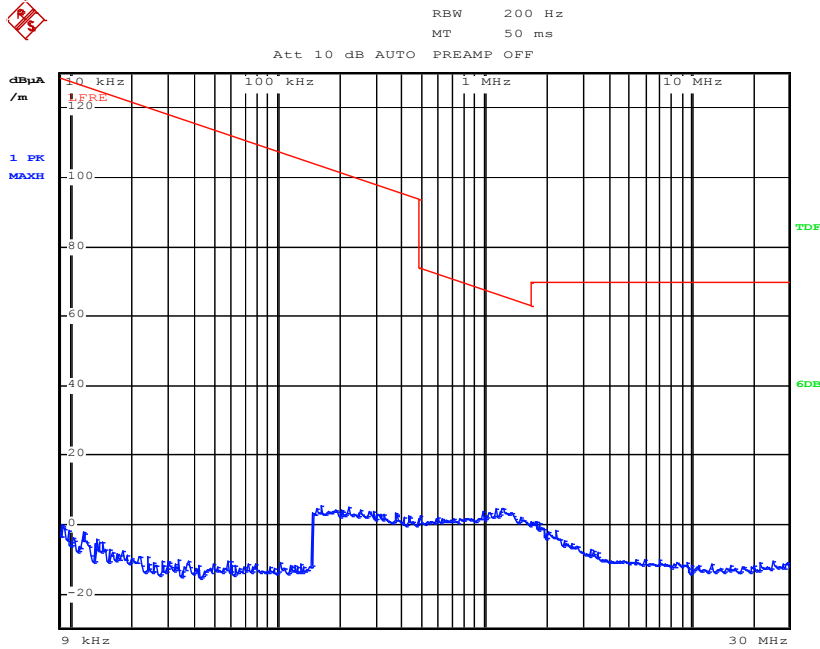


Date: 5.JUN.2014 19:44:19

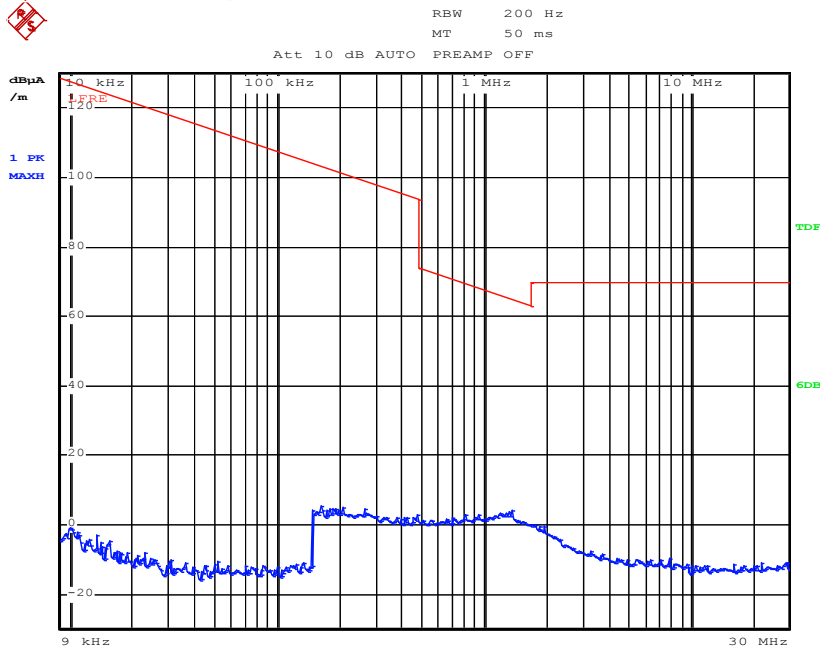
Channel 5180MHz, Y polarization:



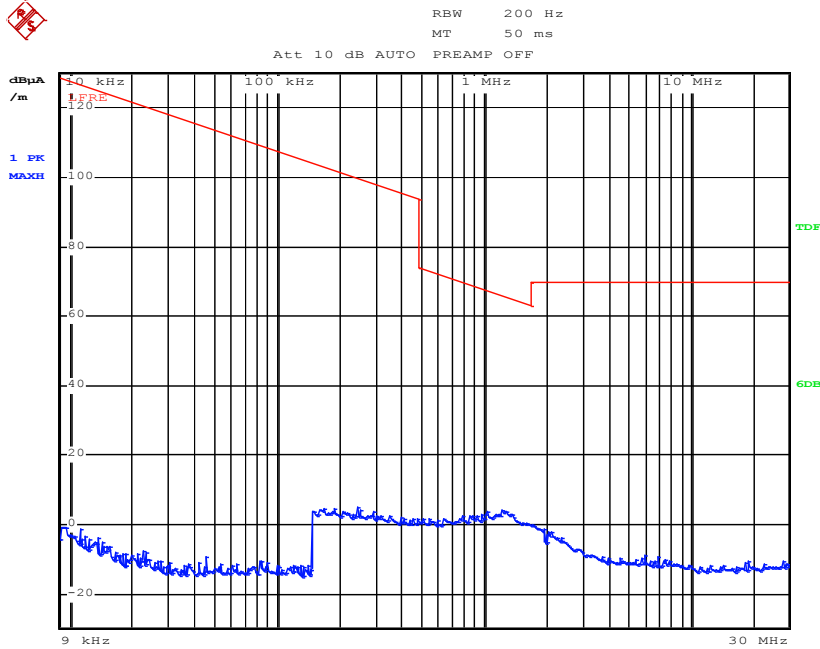
Date: 5.JUN.2014 19:40:07

Channel 5180MHz, Z polarization:


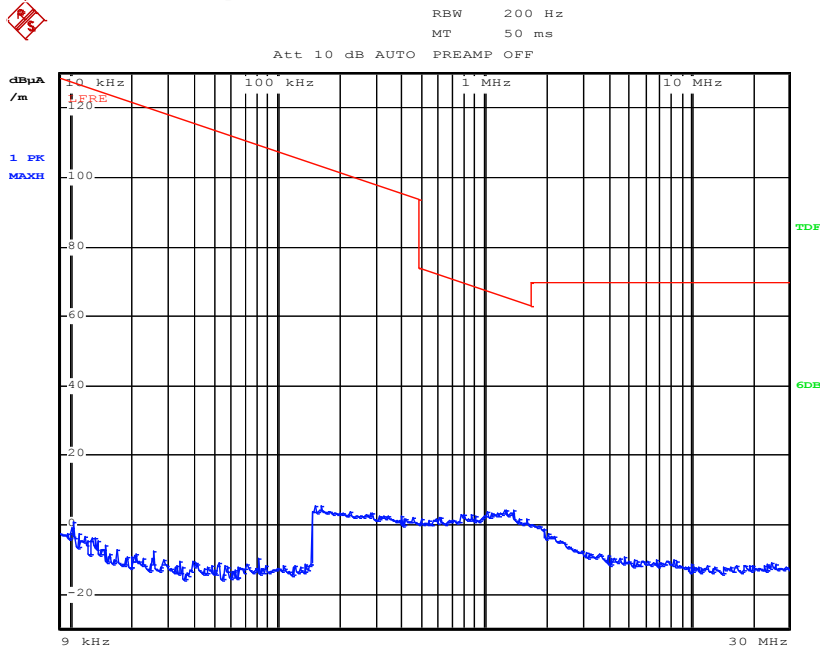
Date: 5.JUN.2014 19:42:00

Channel 5240MHz, X polarization:


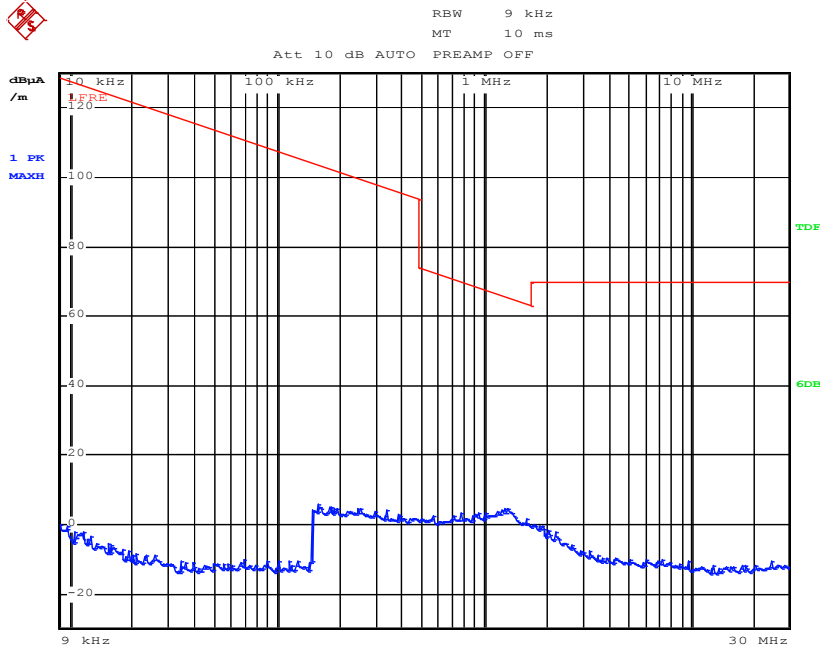
Date: 5.JUN.2014 19:46:15

Channel 5240MHz, Y polarization:


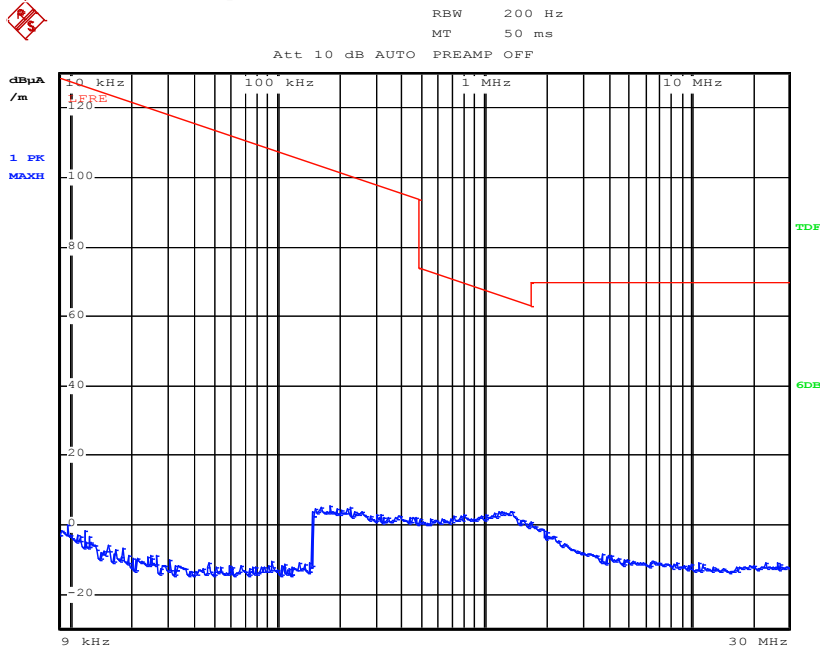
Date: 5.JUN.2014 19:48:13

Channel 5240MHz, Z polarization:


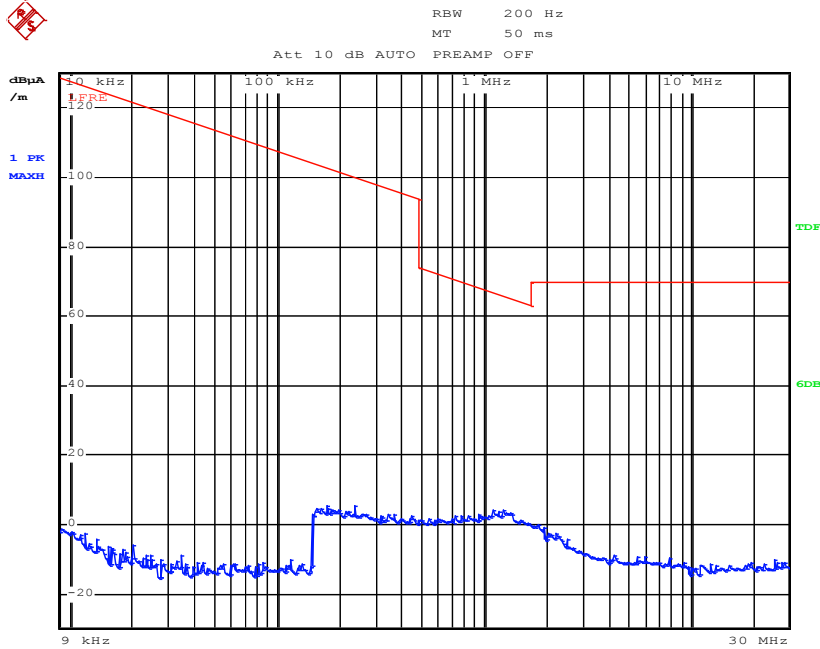
Date: 5.JUN.2014 19:50:07

Channel 5745MHz, X polarization:


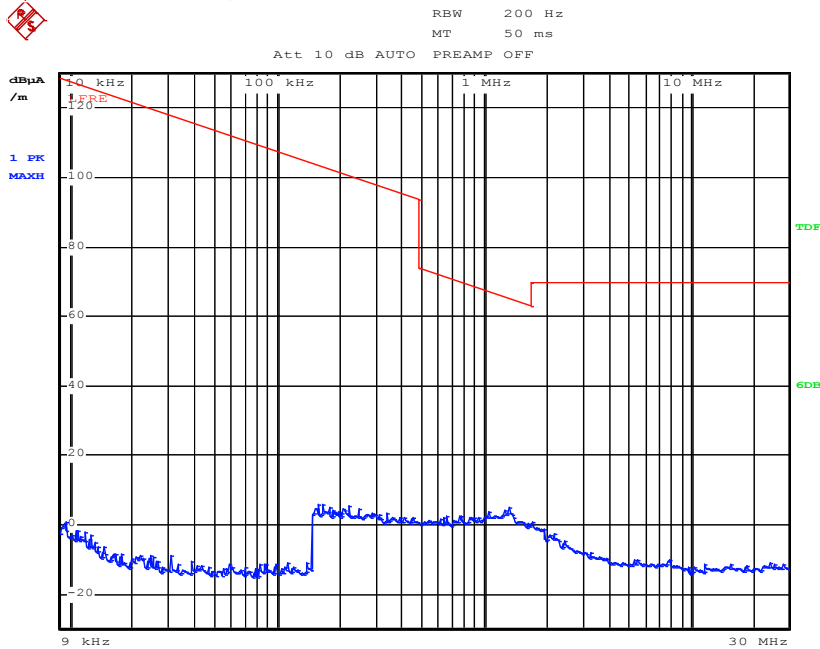
Date: 5.JUN.2014 19:57:19

Channel 5745MHz, Y polarization:


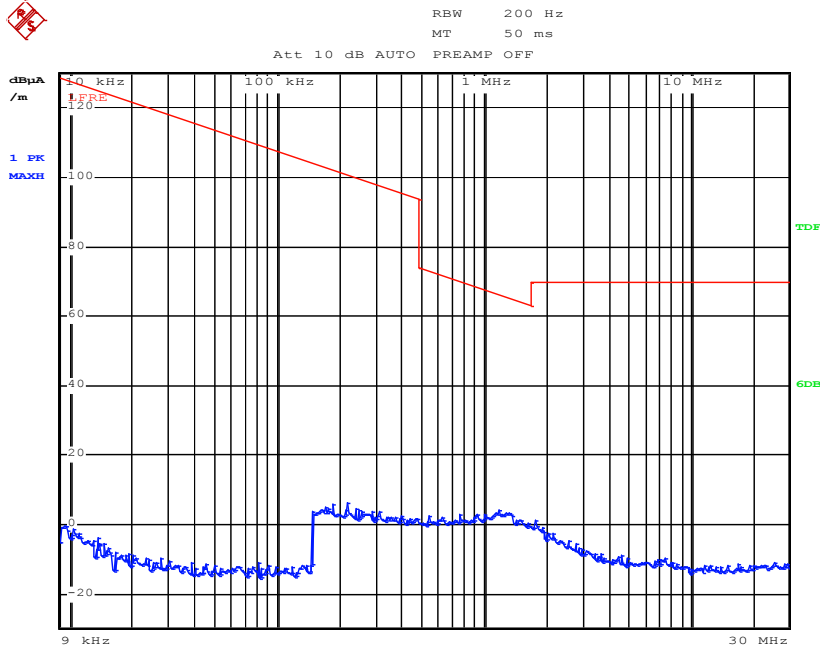
Date: 5.JUN.2014 19:52:01

Channel 5745MHz, Z polarization:


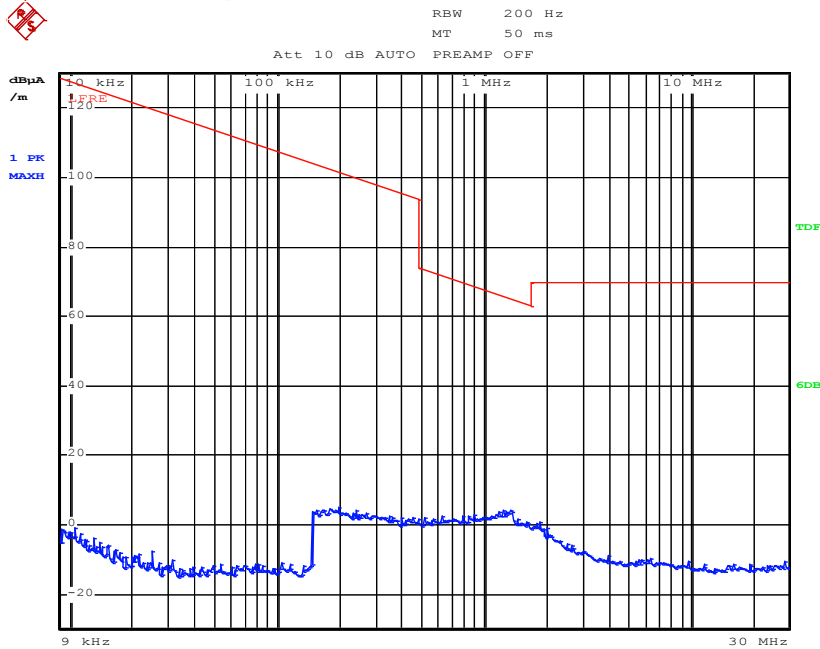
Date: 5.JUN.2014 19:53:54

Channel 5825MHz, X polarization:


Date: 5.JUN.2014 20:03:02

Channel 5825MHz, Y polarization:


Date: 5.JUN.2014 19:59:14

Channel 5825MHz, Z polarization:


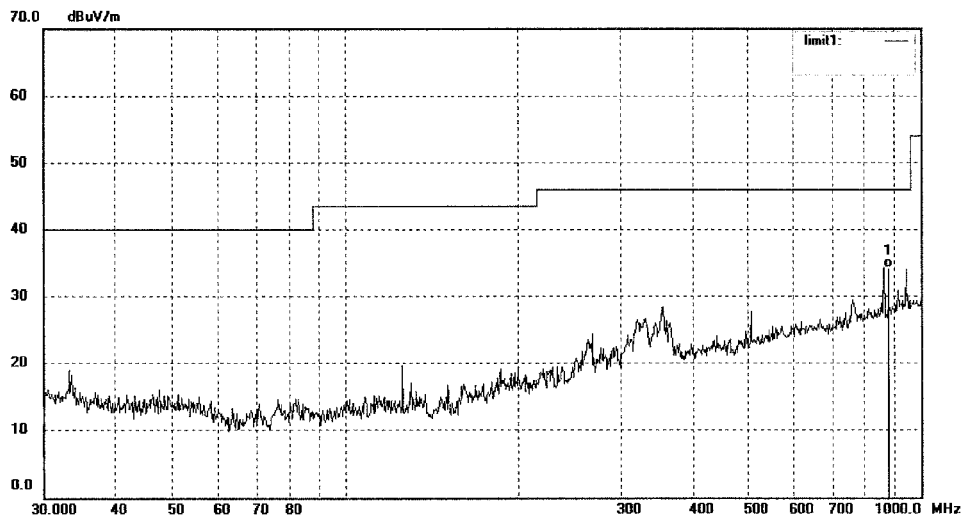
Date: 5.JUN.2014 20:01:08


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Job No.: PZ #400	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1+ANT 2)



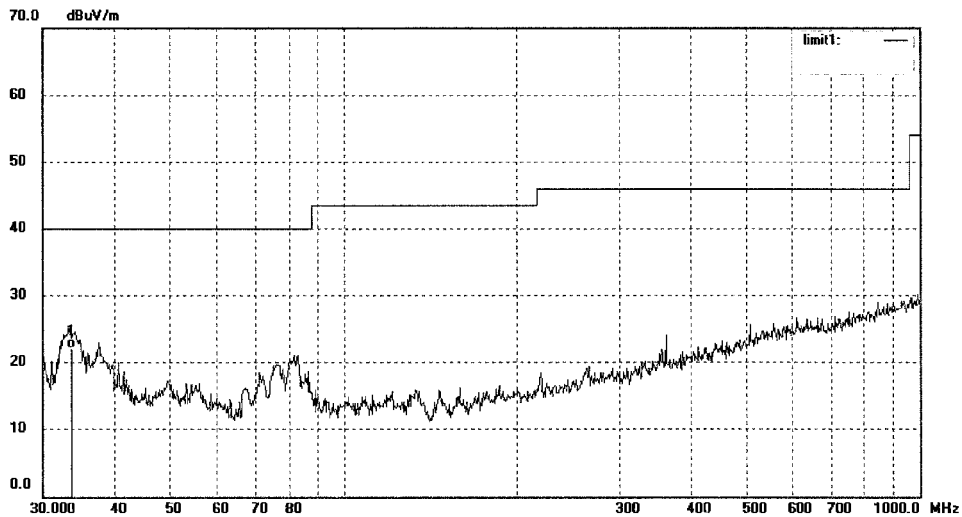
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9415	33.09	1.11	34.20	46.00	-11.80	QP			


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Job No.: PZ #401	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5180MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1+ANT 2)



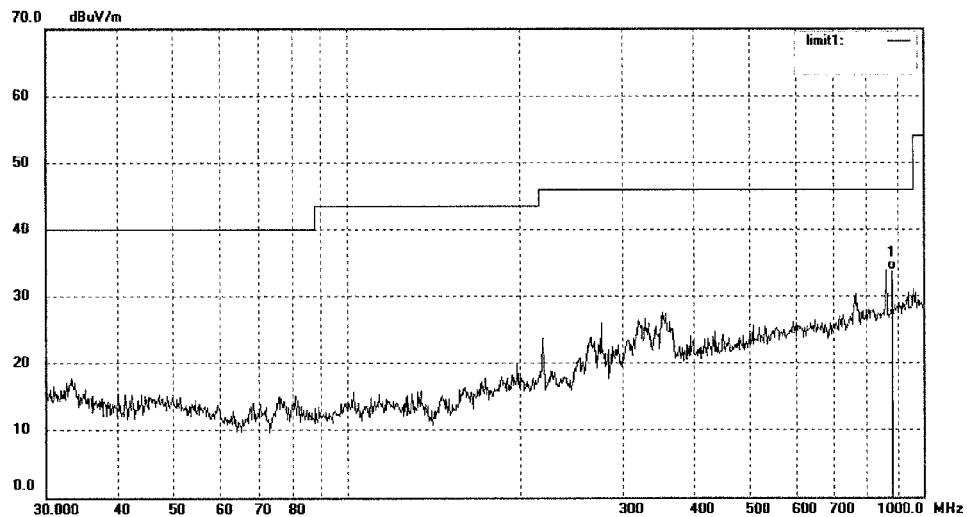
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.5392	32.43	-10.27	22.16	40.00	-17.84	QP			


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 Site: 2# Chamber
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Job No.: PZ #403	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1+ANT 2)



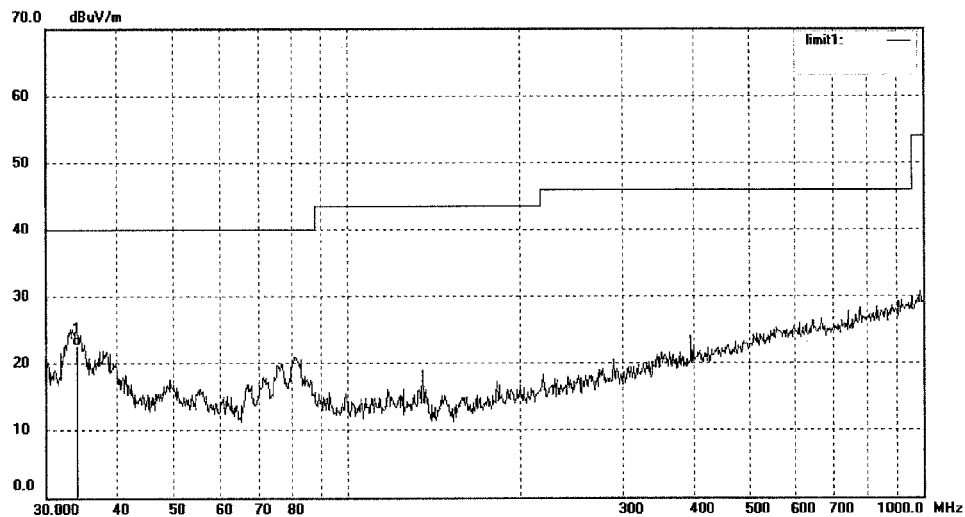
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9461	32.82	1.11	33.93	46.00	-12.07	QP			


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Job No.: PZ #402	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5240MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1+ANT 2)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.9256	33.04	-10.32	22.72	40.00	-17.28	QP			

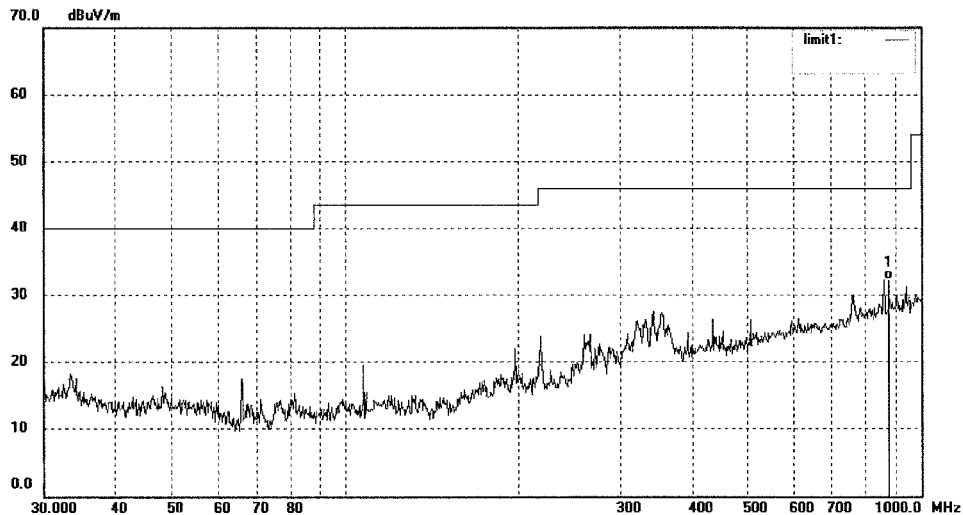

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Job No.: PZ #404	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014/06/07
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 5745MHz	Distance:
Model: NS-15AT10	
Manufacturer: Keen High	

Note: 802.11n20(ANT 1+ANT 2)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	875.9556	31.17	1.11	32.28	46.00	-13.72	QP			