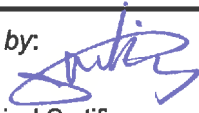


Prüfbericht-Nr.: <i>Test Report No.:</i>	17040153 001	Auftrags-Nr.: <i>Order No.:</i>	164013996	Seite 1 von 34 <i>Page 1 of 34</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	07.05.2014	
Auftraggeber: <i>Client:</i>	KEEN HIGH TECHNOLOGIES LTD., Block A1 & A2, Ze Da Li Industrial Park, Tangwei Area, Fuyong, Bao'an, Shenzhen, Guangdong, China			
Prüfgegenstand: <i>Test item:</i>	Tablet			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-15AT08	T8240RK-88T		
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-210 Issue 8 December 2010 RSS-Gen Issue 3 December 2010			
Wareneingangsdatum: <i>Date of receipt:</i>	07.05.2014			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000070974 001			
Prüfzeitraum: <i>Testing period:</i>	09.05.2014 - 15.05.2014			
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
 06-06-2014 Tom Wang/Assistant Project Manager Datum Name / Stellung <i>Date</i> <i>Name / Position</i>		 06-06-2014 Sam Lin/Technical Certifier Datum Name / Stellung <i>Date</i> <i>Name / Position</i>		
Unterschrift <i>Signature</i>		Unterschrift <i>Signature</i>		
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT**RESULT: Pass****5.1.2 PEAK OUTPUT POWER****RESULT: Pass****5.1.3 20dB BANDWIDTH AND 99% BANDWIDTH****RESULT: Pass****5.1.4 6dB BANDWIDTH AND 99% BANDWIDTH****RESULT: Pass****5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH****RESULT: Pass****5.1.6 POWER SPECTRAL DENSITY****RESULT: Pass****5.1.7 SPURIOUS EMISSION****RESULT: Pass****5.1.8 FREQUENCY SEPARATION****RESULT: Pass****5.1.9 NUMBER OF HOPPING FREQUENCY****RESULT: Pass****5.1.10 TIME OF OCCUPANCY****RESULT: Pass****5.1.11 CONDUCTED EMISSIONS****RESULT: Pass**

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1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test Results

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

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

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

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

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Transmitter spurious emissions				
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
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2015-01-11
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2015-01-11
RF Coaxial Cable	SUHNER	N-3m	No.8	2015-01-11
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2015-01-11
RF Coaxial Cable	SUHNER	N-6m	No.10	2015-01-11
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2015-01-11
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2015-01-11
Pre-Amplifier	Rohde & Schwarz	CBLU118354 0-01	3791	2015-01-11
Radio Spectrum Test				
Spectrum Analyzer	Rohde & Schwarz	ESPI3	100396/003	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
L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	2015-01-11
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2015-01-11
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2015-01-11
RF Coaxial Cable	SUHNER	N-2m	No.3	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	$< \pm 0.60 \text{ dB}$
Radiated emission of transmitter, valid up to 12.75 GHz	$< \pm 4.42 \text{ dB}$
Radiated emission of receiver, valid up to 12.75 GHz	$< \pm 4.42 \text{ dB}$
Conducted Emission	$< \pm 2.23 \text{ dB}$
Radiated Emission	$< \pm 4.42 \text{ dB}$

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

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

3. General Product Information

3.1 Product Function and Intended Use

The EUT is 8" tablet with Wi-Fi & Bluetooth function. The two models are identical except the model name.

For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of Bluetooth (BDR & EDR mode)

Technical Specification	Value
Kind of Equipment	Tablet
Type Designation	NS-15AT08 T8240RK-88T
FCC ID	XUZNS-15AT08
IC	10558A-NS15AT08
Operating Frequency band	2402 – 2480MHz
Channel separation	1MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery) DC 5V (via AC/DC adapter)
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Bluetooth version	4.0 (dual mode)
Antenna Gain	2dBi

Table 4: RF channel and frequency of Bluetooth (BDR & EDR mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	21	2423.00	42	2444.00	63	2465.00
1	2403.00	22	2424.00	43	2445.00	64	2466.00
2	2404.00	23	2425.00	44	2446.00	65	2467.00
3	2405.00	24	2426.00	45	2447.00	66	2468.00
4	2406.00	25	2427.00	46	2448.00	67	2469.00
5	2407.00	26	2428.00	47	2449.00	68	2470.00
6	2408.00	27	2429.00	48	2450.00	69	2471.00
7	2409.00	28	2430.00	49	2451.00	70	2472.00
8	2410.00	29	2431.00	50	2452.00	71	2473.00
9	2411.00	30	2432.00	51	2453.00	72	2474.00
10	2412.00	31	2433.00	52	2454.00	73	2475.00
11	2413.00	32	2434.00	53	2455.00	74	2476.00
12	2414.00	33	2435.00	54	2456.00	75	2477.00
13	2415.00	34	2436.00	55	2457.00	76	2478.00
14	2416.00	35	2437.00	56	2458.00	77	2479.00
15	2417.00	36	2438.00	57	2459.00	78	2480.00
16	2418.00	37	2439.00	58	2460.00		
17	2419.00	38	2440.00	59	2461.00		
18	2420.00	39	2441.00	60	2462.00		
19	2421.00	40	2442.00	61	2463.00		
20	2422.00	41	2443.00	62	2464.00		

Table 5: Technical Specification of Bluetooth (LE mode)

Technical Specification	Value
Kind of Equipment	Tablet
Type Designation	NS-15AT08 T8240RK-88T
Operating Frequency band	2402 – 2480MHz
Channel separation	2MHz
Operation Voltage	DC 3.6V (via built in battery)
	DC 5V (via AC/DC adapter)
Modulation	GFSK
Bluetooth version	4.0 (dua mode)
Antenna Gain	2dBi

Table 6: RF channel and frequency of Buletooth (LE mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	11	2424.00	22	2446.00	33	2468.00
1	2404.00	12	2426.00	23	2448.00	34	2470.00
2	2406.00	13	2428.00	24	2450.00	35	2472.00
3	2408.00	14	2430.00	25	2452.00	36	2474.00
4	2410.00	15	2432.00	26	2454.00	37	2476.00
5	2412.00	16	2434.00	27	2456.00	38	2478.00
6	2414.00	17	2436.00	28	2458.00	39	2480.00
7	2416.00	18	2438.00	29	2460.00		
8	2418.00	19	2440.00	30	2462.00		
9	2420.00	20	2442.00	31	2464.00		
10	2422.00	21	2444.00	32	2466.00		

Table 7: Technical Specification of Wi-Fi

Item	Description		
	IEEE 802.11b	IEEE 802.11g	IEEE 802.11n
Operating Frequency band (MHz)	2412 ~ 2462	2412 ~ 2462	2412 ~ 2462
Channel Number	11	11	11
Modulation	DSSS(DQPSK,DBPSK, CCK)	OFDM(64-QAM,16-QAM,QPSK,BPSK)	OFDM(64-QAM,16-QAM,QPSK,BPSK)
Data Rate (Mbps)	1, 2, 5.5, 11	6, 9, 12, 18, 24, 36, 48, 54	6.5, 13.0, 19.5, 26.0, 39.0, 52.0, 58.5, 65.0 (long GI) 7.2, 14.4,21.7,28.9,43.3,57.5,65, 72.2(Short GI)
Transmitter Output Power (Typical) (dBm)	16±1.5dB	15±1.5	14±1.5
Media Access Protocol	CSMA/CA with ACK	CSMA/CA with ACK	CSMA/CA with ACK

Table 8: Carrier Frequency of Wi-Fi

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
2400 – 2483.5 MHz	1	2412 MHz	8	2447 MHz
	2	2417 MHz	9	2452 MHz
	3	2422 MHz	10	2457 MHz
	4	2427 MHz	11	2462 MHz
	5	2432 MHz		
	6	2437 MHz		
	7	2442 MHz		

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Bluetooth mode (BDR & EDR mode)
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
 - 2. Bluetooth mode (LE mode)
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
 - 3. Wi-Fi mode
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
- B. Standby
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

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

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

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

4.2 Test Operation and Test Software

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

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	S/N	Rating
Notebook PC	Lenovo	4290-RT8	R9-FW93G	N/A
AC/DC Adapter	Ktec	KSAPK0110500200FU	N/A	Input: AC 100-240V, 50/60Hz, 0.5A Output: DC 5V, 2A
Printer	HP	HP laserjet 1015	HP laserjet 1015	N/A

The EUT was tested with following cables:

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

4.4 Countermeasures to achieve EMC Compliance

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

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

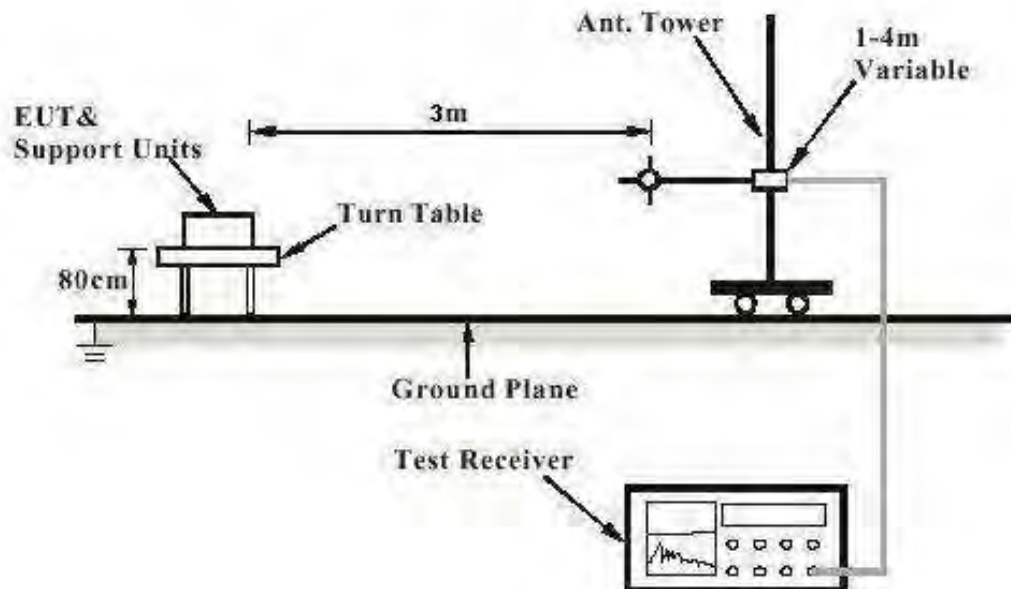


Diagram of Measurement Equipment Configuration for Conduction Measurement

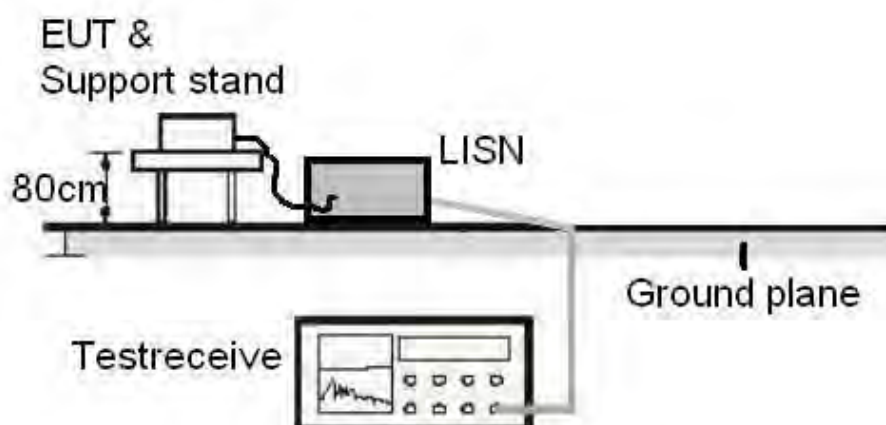
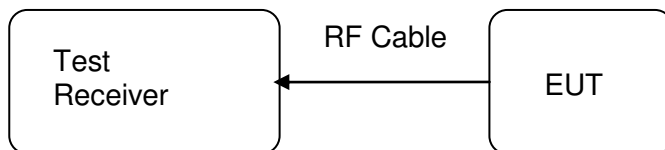


Diagram of Measurement Equipment Configuration for Transmitter Measurement

5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

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

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 2dBi, 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 : 2014-05-10
 Test standard : FCC Part 15.247(b)(1)
 FCC Part 15.247(b)(3)
 RSS-210 A8.4(2)
 RSS-210 A8.4(4)
 Basic standard : ANSI C63.4: 2003
 Clause 9.1 of KDB 558074 v03r01
 Limit : 125mW, 1W
 Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a, A.2.a, A.3.a
 Ambient temperature : 23°C
 Relative humidity : 48%
 Atmospheric pressure : 101kPa

Table 9: Test result of Peak Output Power of Bluetooth (BDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)
Low Channel	2402	-4.32	21
Middle Channel	2441	-3.83	21
High Channel	2480	-3.80	21

Table 10: Test result of Peak Output Power of Bluetooth (EDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)
Low Channel	2402	-4.25	21
Middle Channel	2441	-3.76	21
High Channel	2480	-3.73	21

Table 11: Test result of Peak Output Power of Bluetooth (LE mode)

Channel	Channel Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)
Low Channel	2402	5.61	30
Middle Channel	2440	5.97	30
High Channel	2480	5.88	30

Table 12: Test result of Peak Output Power of Wi-F (802.11b)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2412	17.27	30
Middle Channel	2437	17.25	30
High Channel	2462	17.23	30

Table 13: Test result of Peak Output Power of Wi-Fi (802.11g)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2412	21.70	30
Middle Channel	2437	21.86	30
High Channel	2462	22.00	30

Table 14: Test result of Peak Output Power of Wi-Fi (802.11n)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2412	19.92	30
Middle Channel	2437	20.05	30
High Channel	2462	20.22	30

5.1.3 20dB Bandwidth and 99% Bandwidth**RESULT:****Pass**

Date of testing : 2014-05-10
Test standard : FCC Part 15.247(a)(1)
RSS-210 A8.1(a)
Basic standard : ANSI C63.4: 2003
Clause 8 of KDB 558074 v03r01
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1.a
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101kPa

Table 15: Test result of 20dB & 99% Bandwidth of BDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.978	0.972
Mid Channel	2441	0.978	0.978
High Channel	2480	0.978	0.984

Table 16: Test result of 20dB & 99% Bandwidth of EDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.230	1.182
Mid Channel	2441	1.224	1.182
High Channel	2480	1.242	1.188

5.1.4 6dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Date of testing	:	2014-05-10
Test standard	:	FCC Part 15.247(a)(2) RSS-210 A8.2(a)
Basic standard	:	ANSI C63.4: 2003 Clause 8 of KDB 558074 v03r01
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.2.a, A.3.a
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

Table 17: Test result of 6dB & 99% Bandwidth of Bluetooth, LE mode

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.726	1.068
Mid Channel	2440	0.720	1.068
High Channel	2480	0.720	1.068

Table 18: Test result of 6dB & 99% Bandwidth of 802.11b

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	9.0	12.36
Mid Channel	2437	9.0	12.32
High Channel	2462	9.0	12.24

Table 19: Test result of 6dB & 99% Bandwidth of 802.11g

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	16.4	16.36
Mid Channel	2437	16.4	16.36
High Channel	2462	16.4	16.36

Table 20: Test result of 6dB & 99% Bandwidth of 802.11n

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	17.72	17.56
Mid Channel	2437	17.72	17.56
High Channel	2462	17.72	17.56

5.1.5 Conducted Spurious Emissions measured in 100kHz Bandwidth

RESULT:

Pass

Date of testing	:	2014-05-10
Test standard	:	FCC part 15.247(d) RSS-210 A8.5
Basic standard	:	ANSI C63.4: 2003
Limit	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1.a, A.2.a, A.3.a
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to test plots in Appendix 1.

5.1.6 Power spectral density

RESULT:

Pass

Date of testing	:	2013-06-29
Test standard	:	FCC part 15.247(e) RSS-210 A8.2
Basic standard	:	ANSI C63.4: 2003 Clause 10 of KDB 558074 v03r01
Limit	:	8dBm/3kHz
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.2.a, A.3.a
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

Table 21: Test result of power spectral density:

Mode	Channel (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Conclusion
Bluetooth LE mode	2402	-8.94	8	Pass
	2440	-8.46	8	Pass
	2480	-8.23	8	Pass
802.11b	2412	-7.03	8	Pass
	2437	-7.06	8	Pass
	2462	-7.06	8	Pass
802.11g	2412	-10.94	8	Pass
	2437	-10.88	8	Pass
	2462	-10.42	8	Pass
802.11n	2412	-12.77	8	Pass
	2437	-11.79	8	Pass
	2462	-12.47	8	Pass

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5.1.7 Spurious Emission

RESULT:**Pass**

Date of testing	:	2014-05-14
Test standard	:	FCC part 15.247(d) RSS-210 Clause 2.2
Basic standard	:	ANSI C63.4: 2003 Clause 11 of KDB 558074 v03r01
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, A.2.a, A.3.a
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to test plots in Appendix 1.

5.1.8 Frequency Separation

RESULT:

Pass

Date of testing	:	2014-05-10
Test standard	:	FCC part 15.247(a)(1) RSS-210 A8.1(b)
Basic standard	:	ANSI C63.4: 2003
Limit	:	≥ 25kHz or two-thirds of 20dB bandwidth, whichever is greater
Kind of test site	:	Shield room

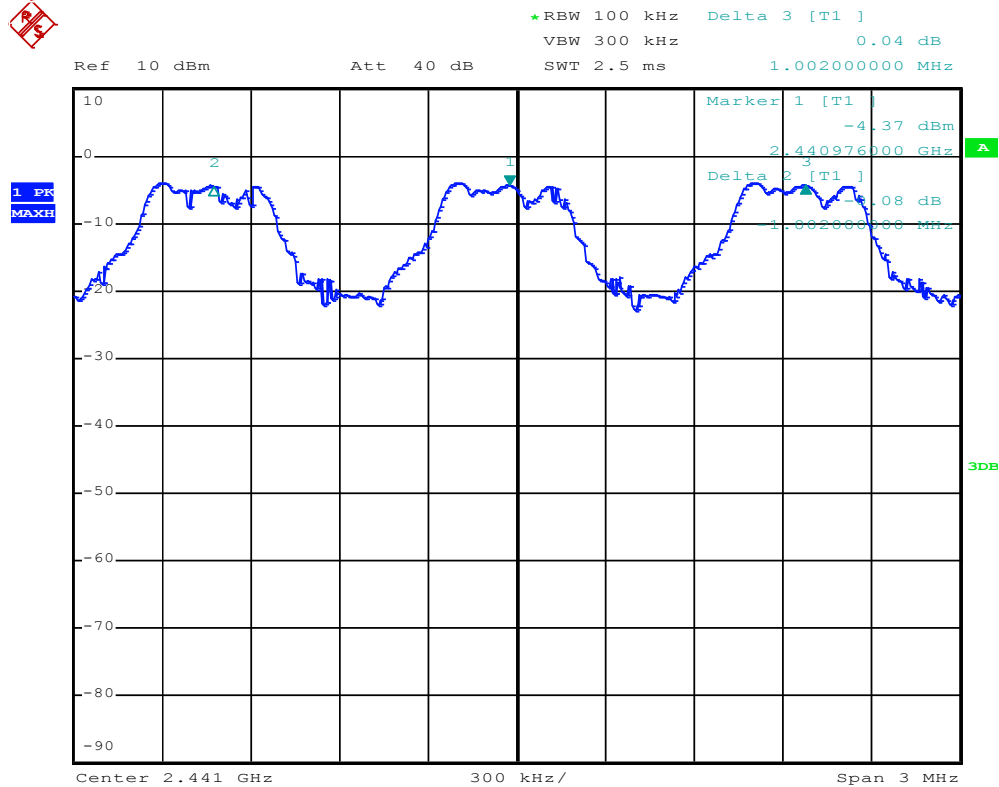
Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1.a
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

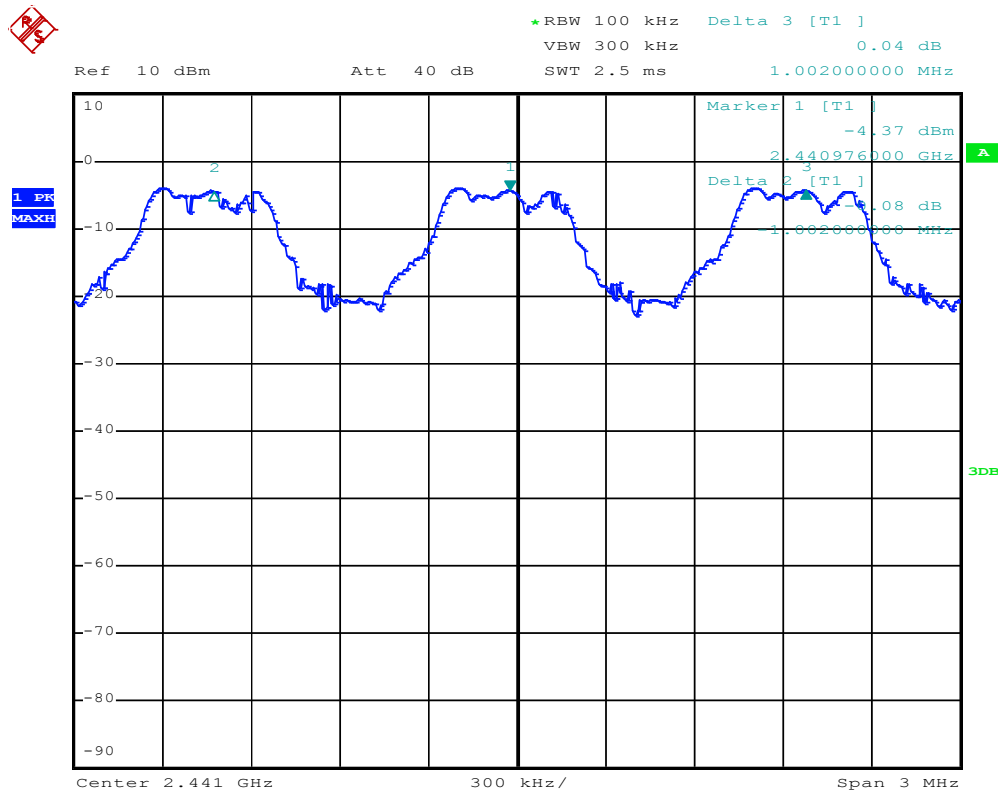
Table 22: Test result of Frequency Separation

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

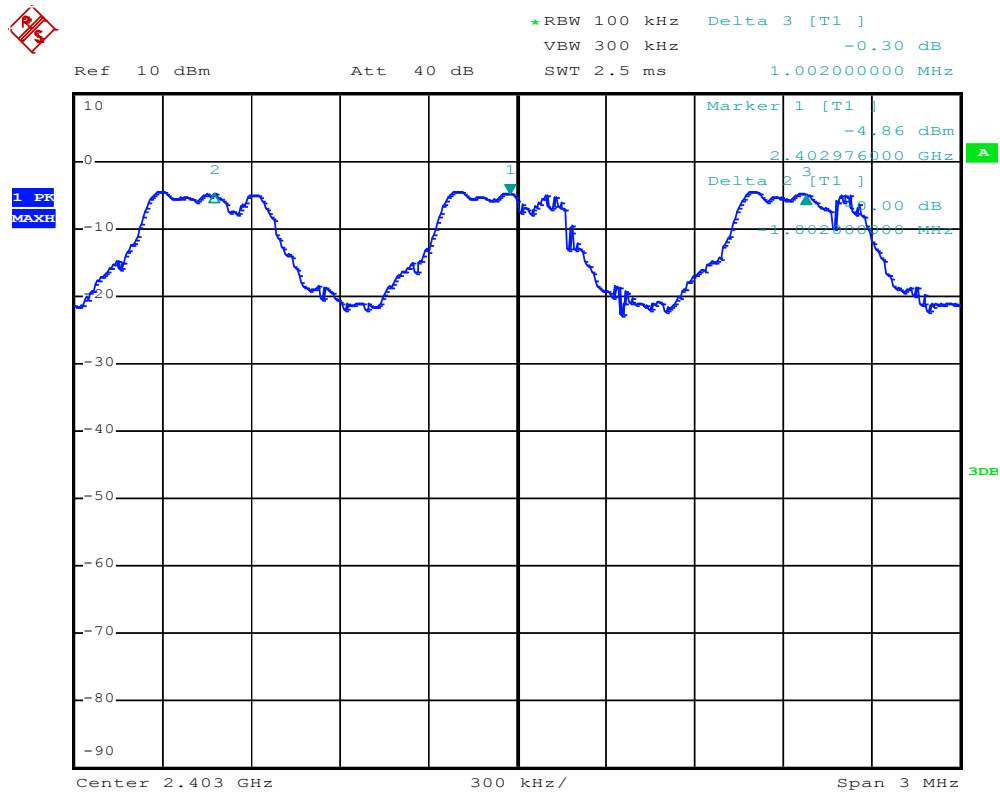
Test Plot of Frequency Separation



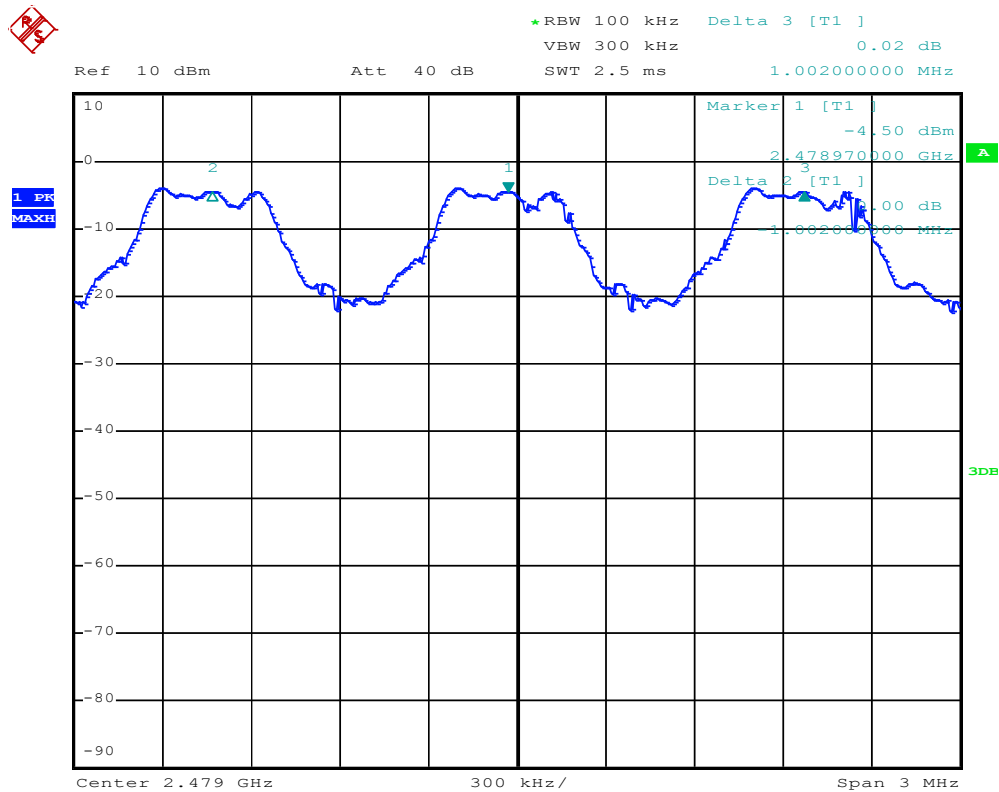
Date: 10.MAY.2014 10:49:50



Date: 10.MAY.2014 10:49:50



Date: 10.MAY.2014 10:58:13



Date: 10.MAY.2014 11:05:42

Prüfbericht - Nr.: 17040153 001
Test Report No.**Seite 27 von 34**
Page 27 of 34**5.1.9 Number of hopping frequency****RESULT:****Pass**

Date of testing : 2014-05-10
Test standard : FCC part 15.247(a)(1)(iii)
RSS-210 A8.1(d)
Basic standard : ANSI C63.4: 2003
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

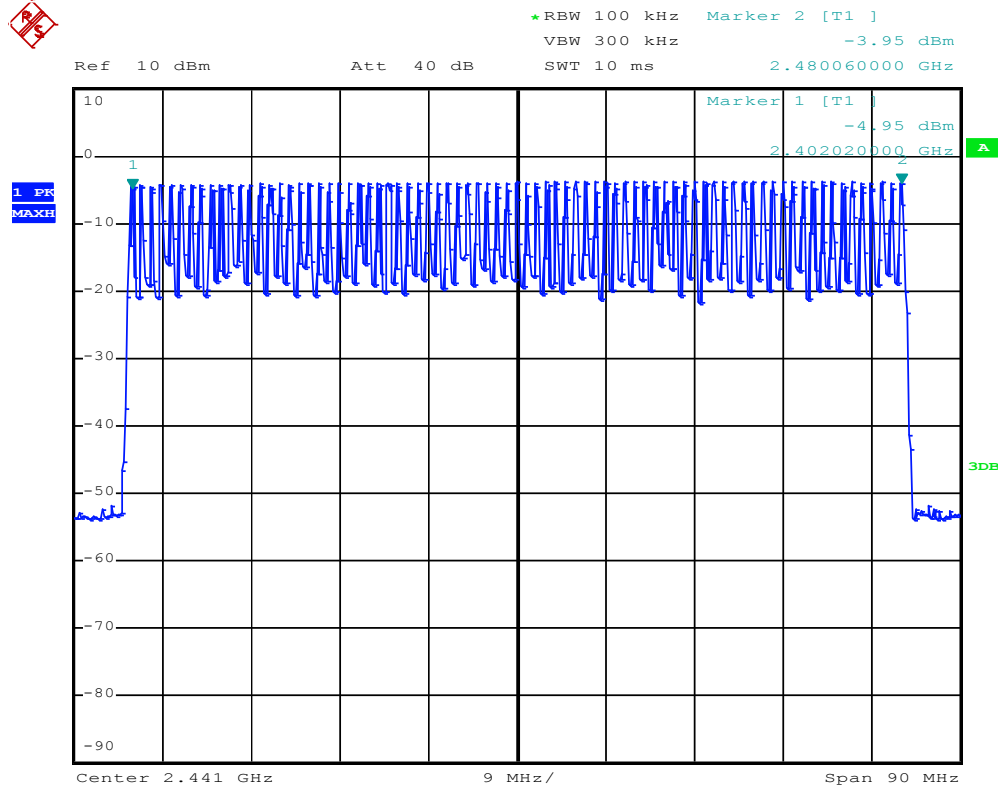
Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1.a
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101kPa

Table 23: Test result of Number of hopping frequency

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

Test Plot of Number of hopping frequency



Date: 10.MAY.2014 10:45:47

5.1.10 Time of Occupancy

RESULT:

Pass

Date of testing	:	2014-05-10
Test standard	:	FCC part 15.247(a)(1)(iii) RSS-210 A8.1(d)
Basic standard	:	ANSI C63.4: 2003
Limits	:	0.4s
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1.a
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

Table 24: Test result of Time of Occupancy

Mode	Packet Type	Channel Frequency (MHz)	Packet Duration [ms]	Number of Hops per Channel	Dwell Time (s)	Limit [s]
BDR	DH1	2402	0.47	258	0.12	0.4
		2441	0.46	262	0.12	0.4
		2480	0.46	265	0.12	0.4
	DH3	2402	1.74	149	0.26	0.4
		2441	1.74	142	0.25	0.4
		2480	1.74	141	0.25	0.4
	DH5	2402	3.02	98	0.30	0.4
		2441	3.02	106	0.32	0.4
		2480	3.02	122	0.37	0.4
EDR	DH1	2402	0.47	260	0.12	0.4
		2441	0.47	256	0.12	0.4
		2480	0.47	254	0.12	0.4
	DH3	2402	1.73	145	0.25	0.4
		2441	1.73	146	0.25	0.4
		2480	1.73	143	0.25	0.4
	DH5	2402	2.99	99	0.30	0.4
		2441	2.99	103	0.31	0.4
		2480	3.02	106	0.32	0.4

Prüfbericht - Nr.: 17040153 001
*Test Report No.***Seite 30 von 34**
Page 30 of 34**5.1.11 Conducted emissions****RESULT:****Pass**

Date of testing	:	2014-05-10
Test standard	:	FCC Part 15.207 RSS-210 Clause 2.6
Basic standard	:	ANSI C63.4: 2003
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207 Table 4 of RSS-Gen
Kind of test site	:	Shield room

Test setup

Input Voltage	:	AC 120V, 60Hz
Operation Mode	:	A
Earthing	:	Not Connected
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

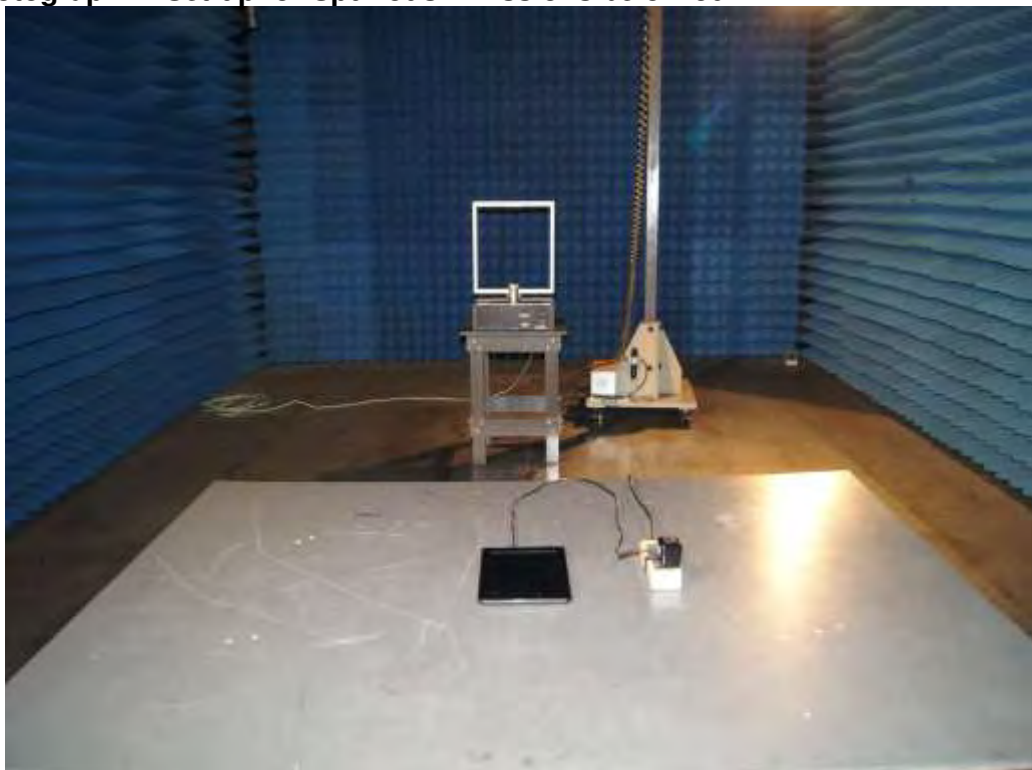
For details refer to test plot in Appendix 1.

6. Photographs of the Test Set-Up

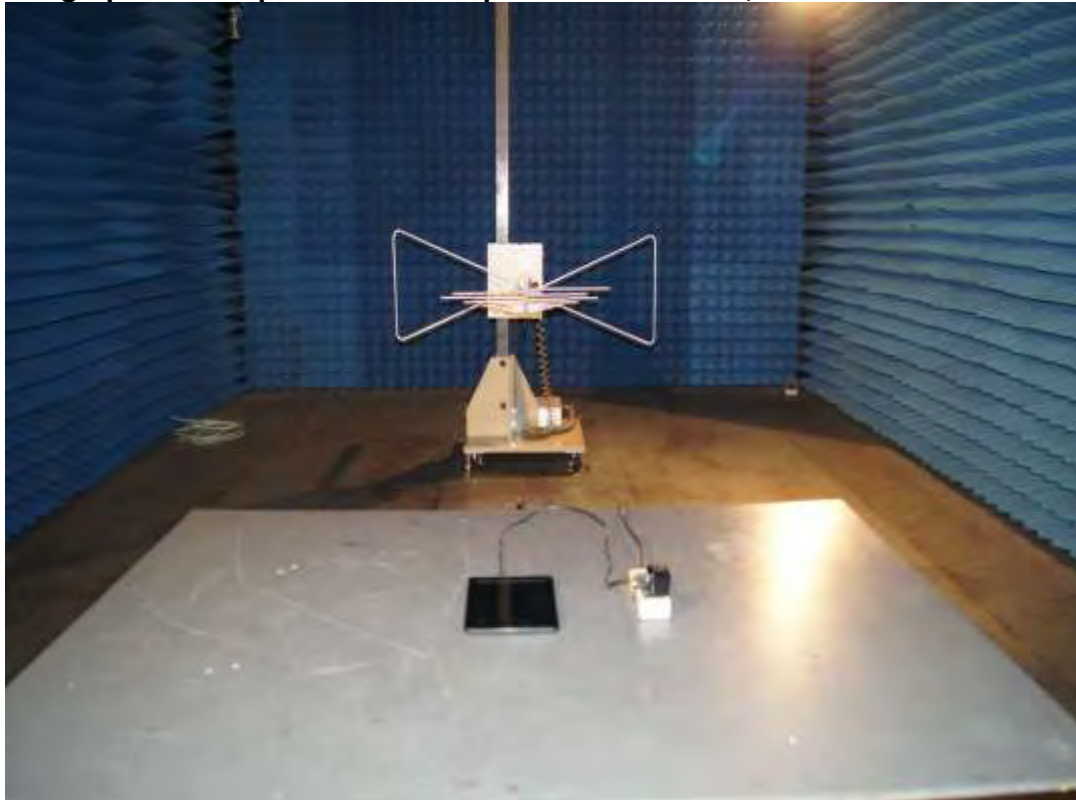
Photograph 1: Set-up for Conducted Emissions



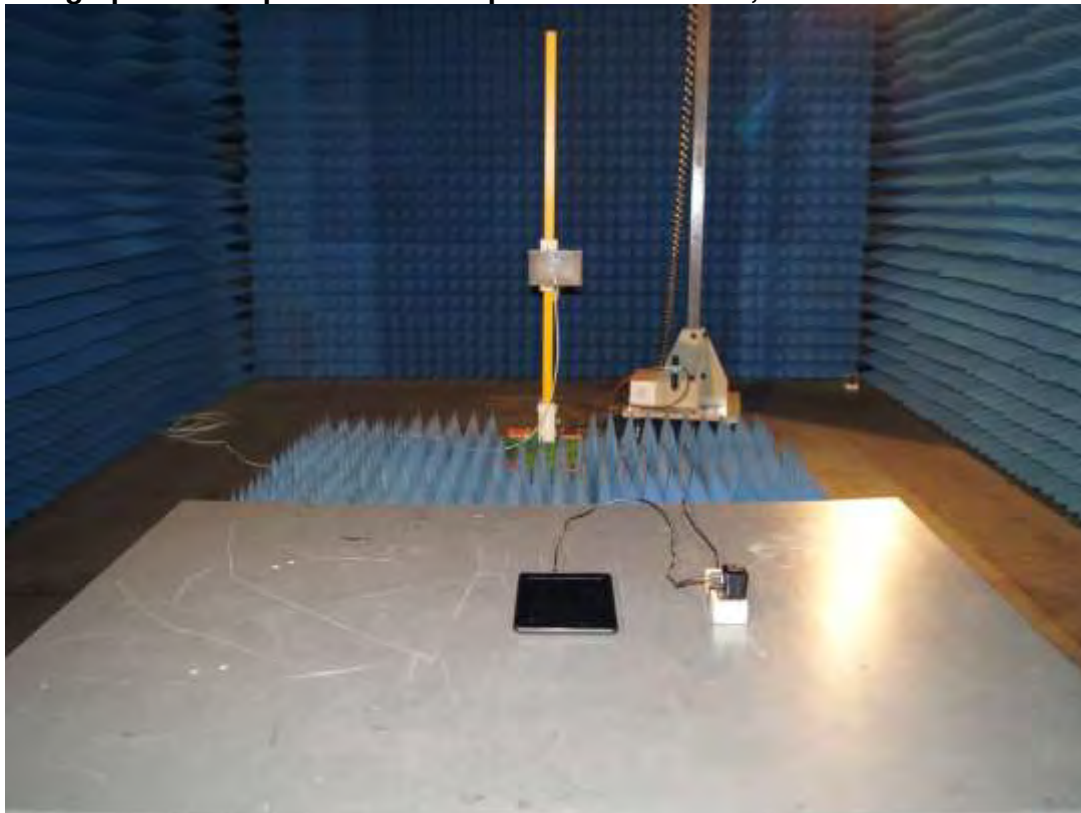
Photograph 2: Set-up for Spurious Emissions below 30MHz



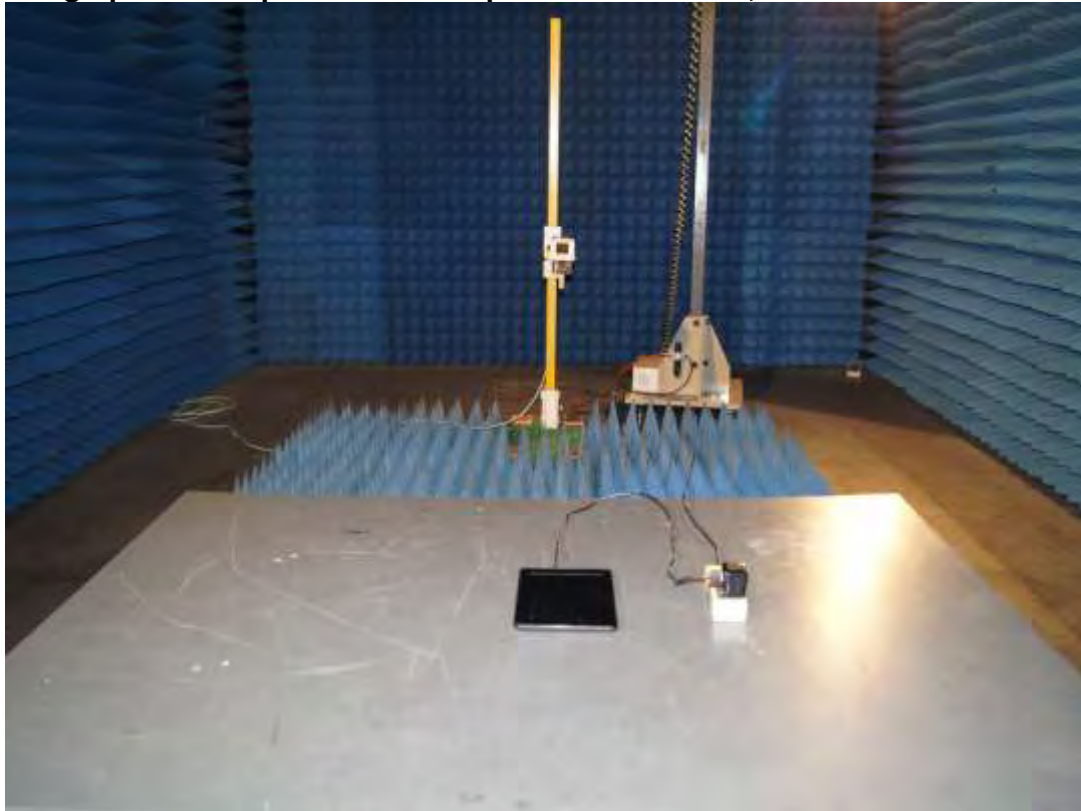
Photograph 3: Set-up for Radiated Spurious Emissions, 30MHz-1GHz



Photograph 4: Set-up for Radiated Spurious Emissions, 1GHz-18GHz



Photograph 5: Set-up for Radiated Spurious Emissions, 18GHz-25GHz



Photograph 6: Set-up for radio spectrum test



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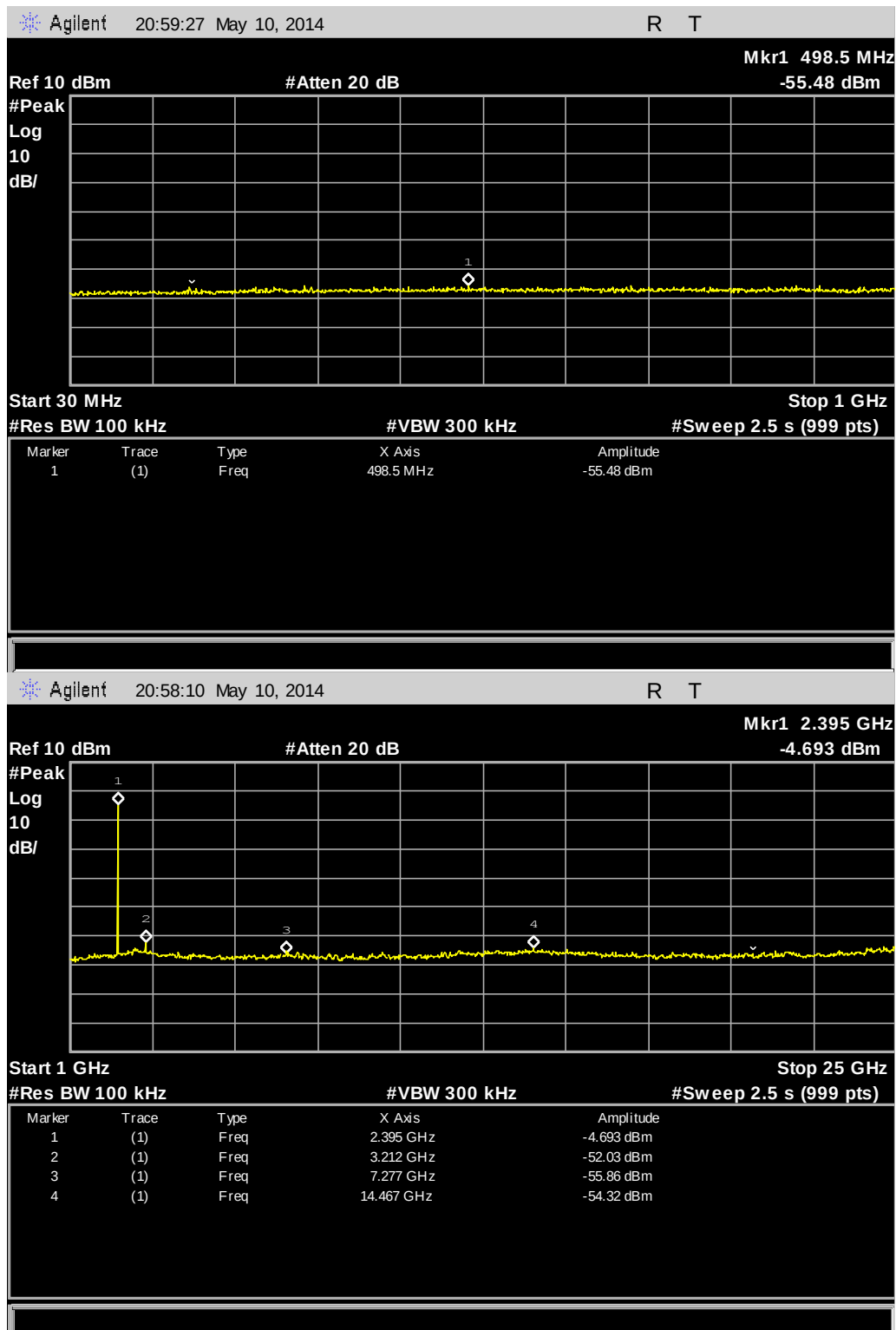
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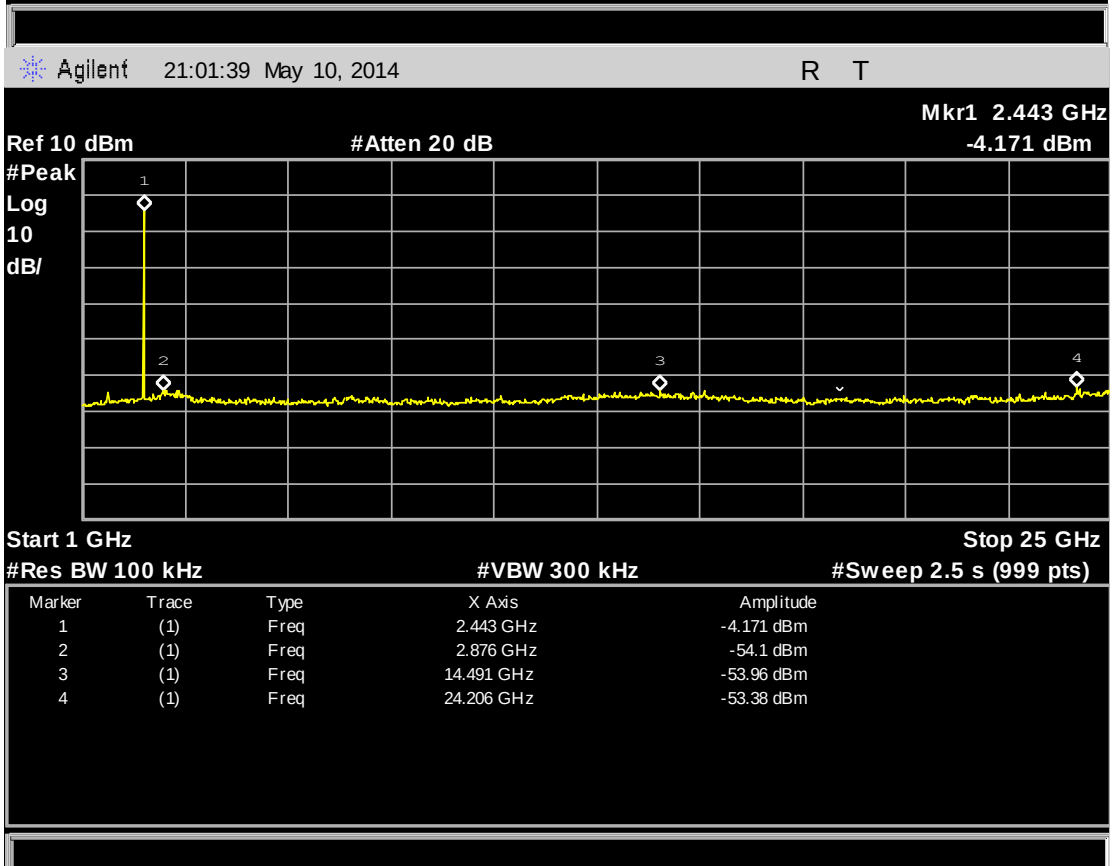
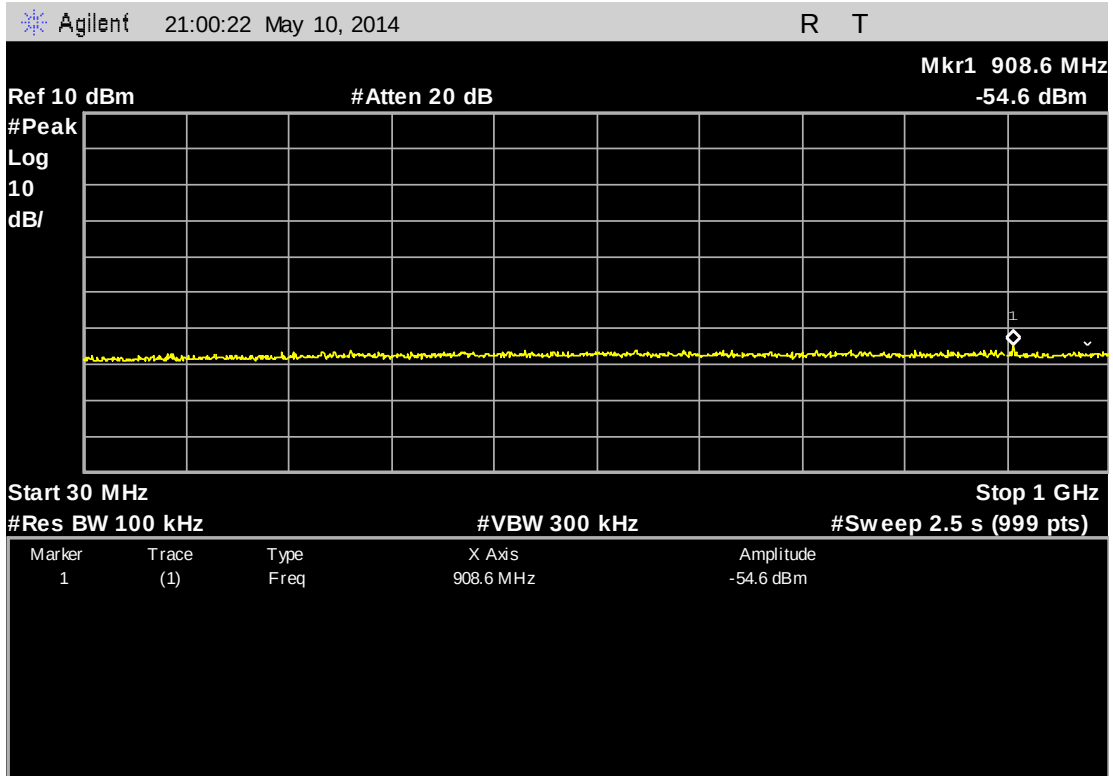
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1 Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of BDR mode

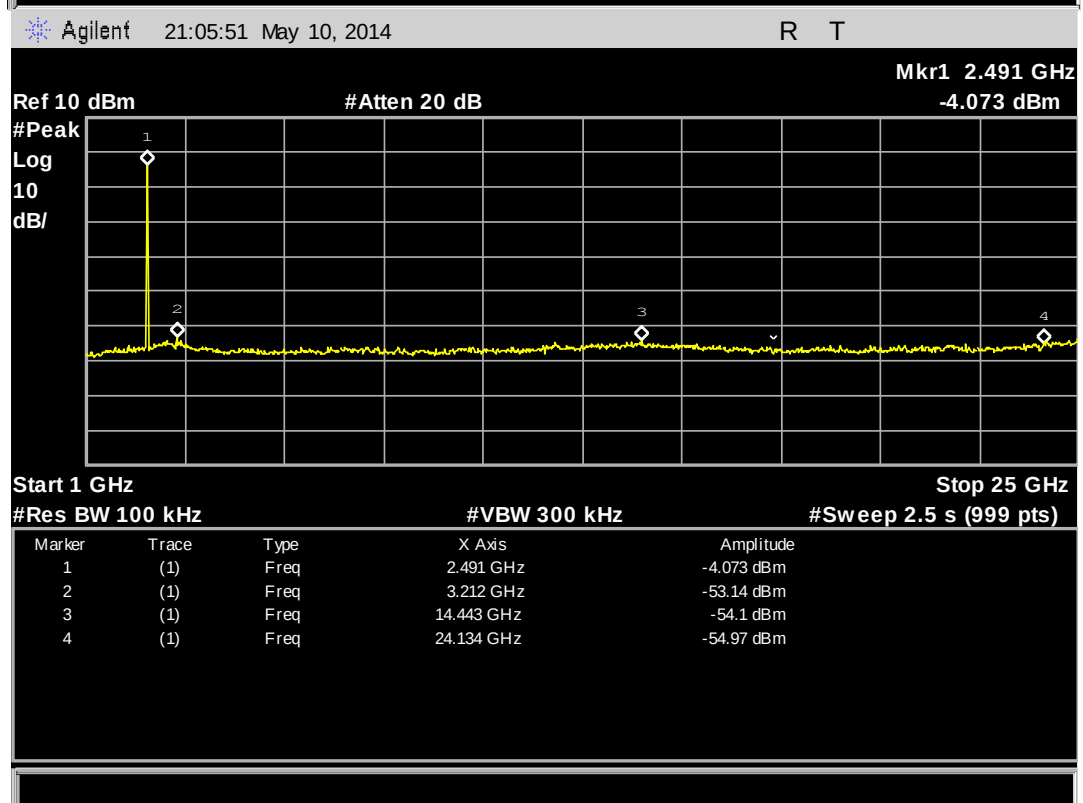
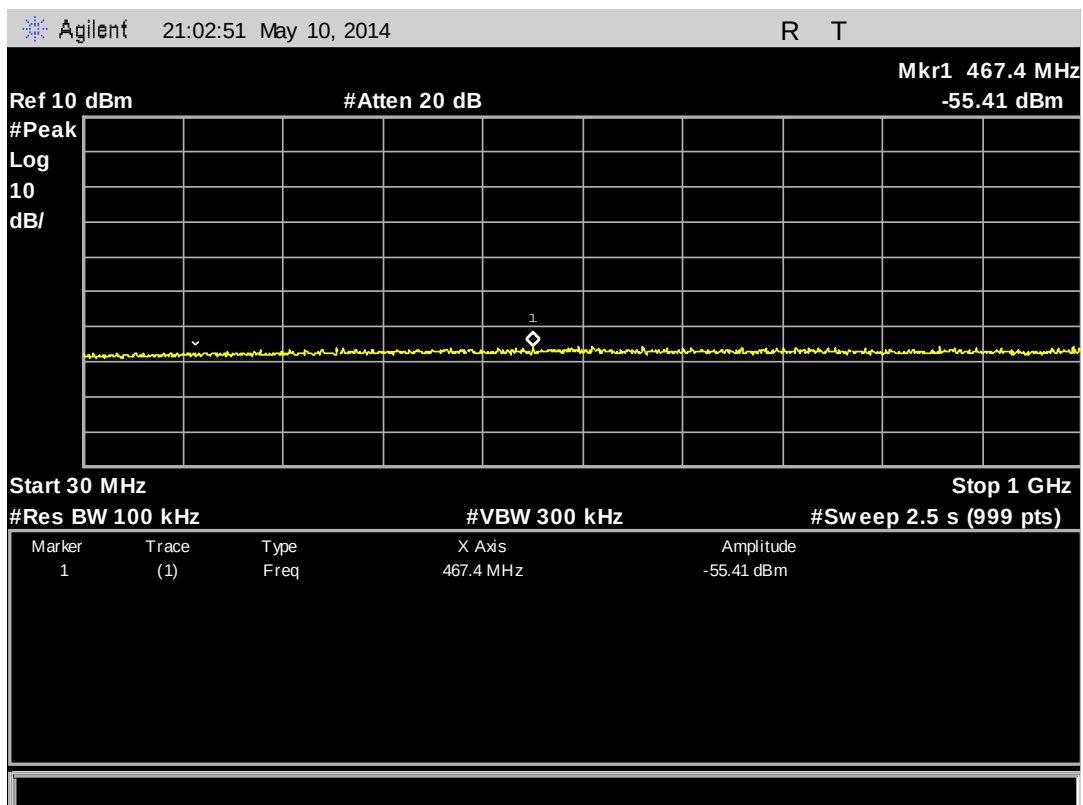
Low Channel



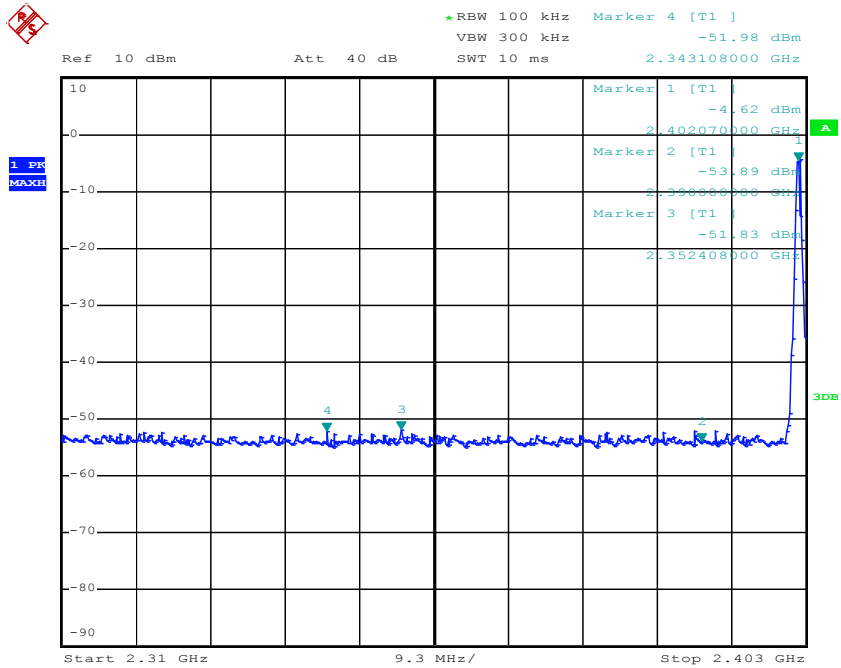
Middle Channel



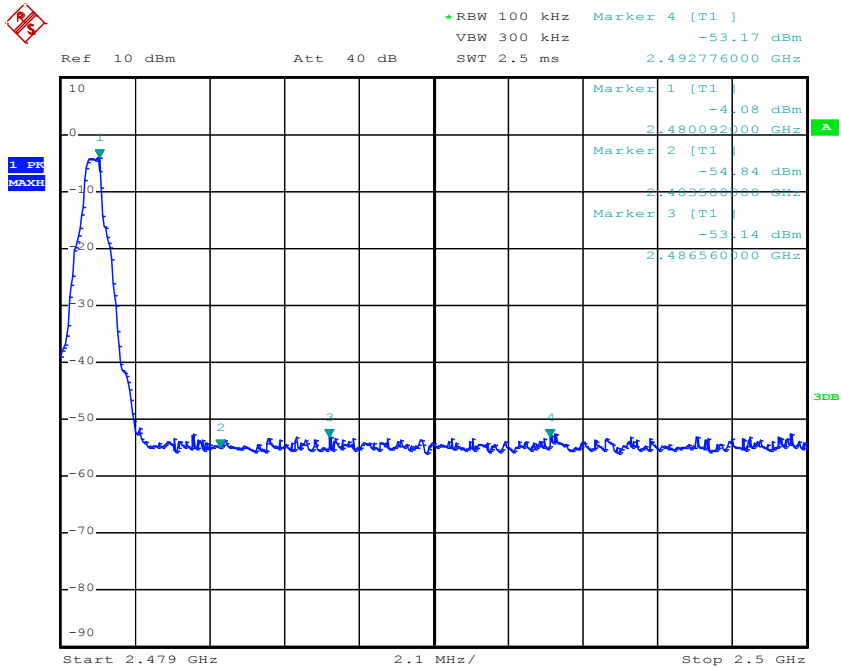
High Channel



Band edge



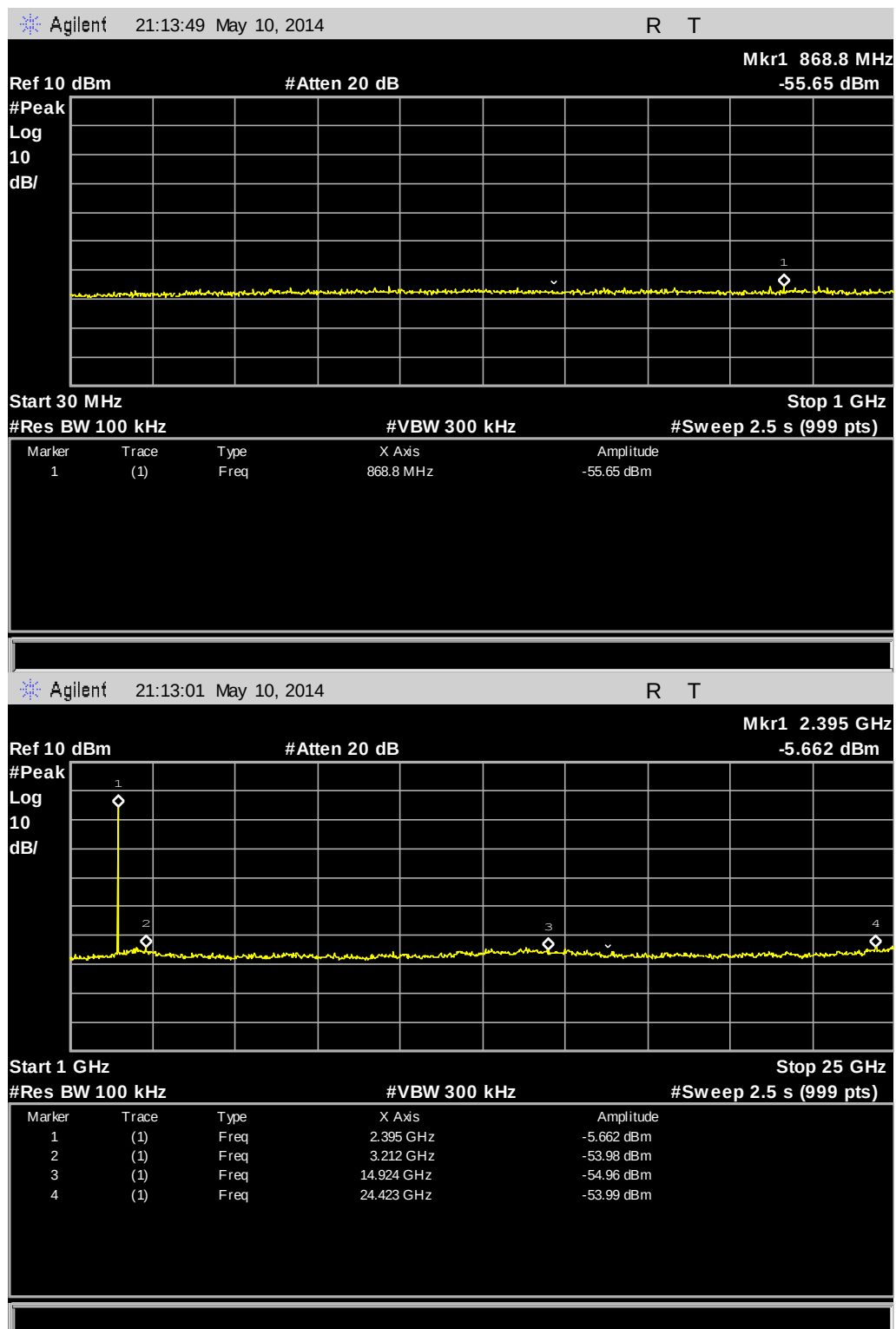
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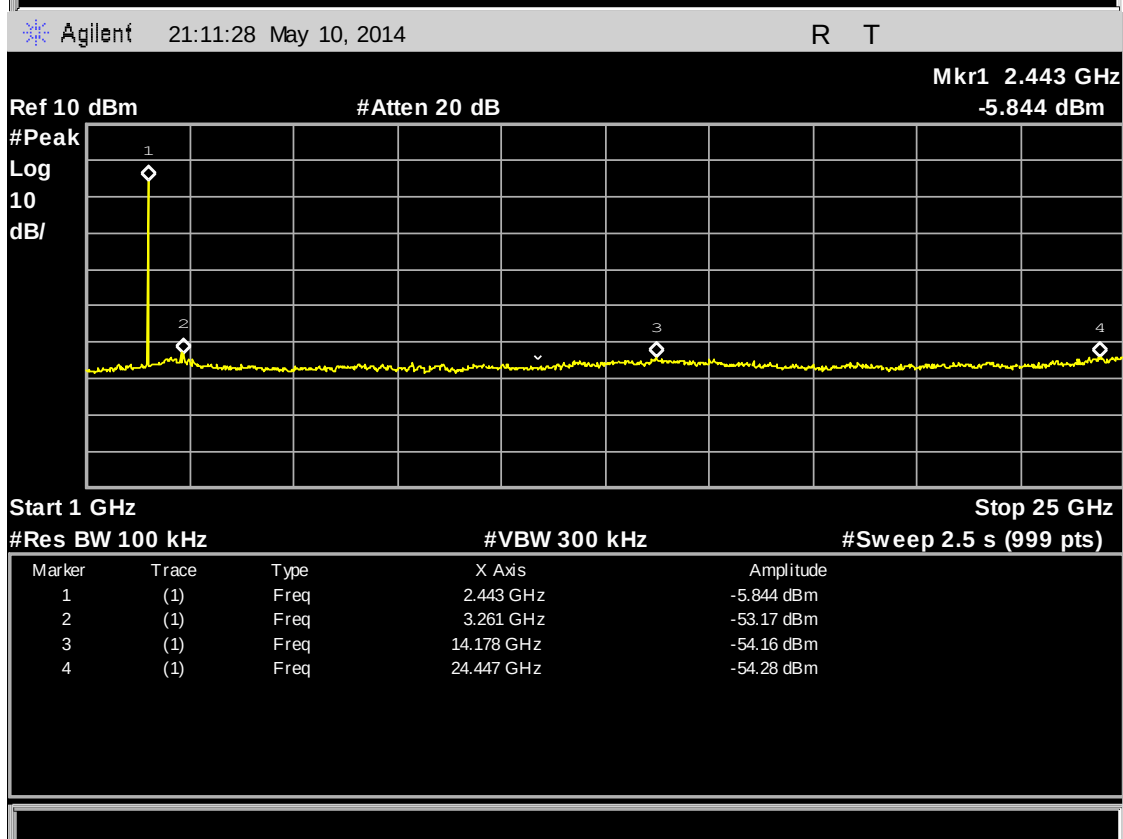
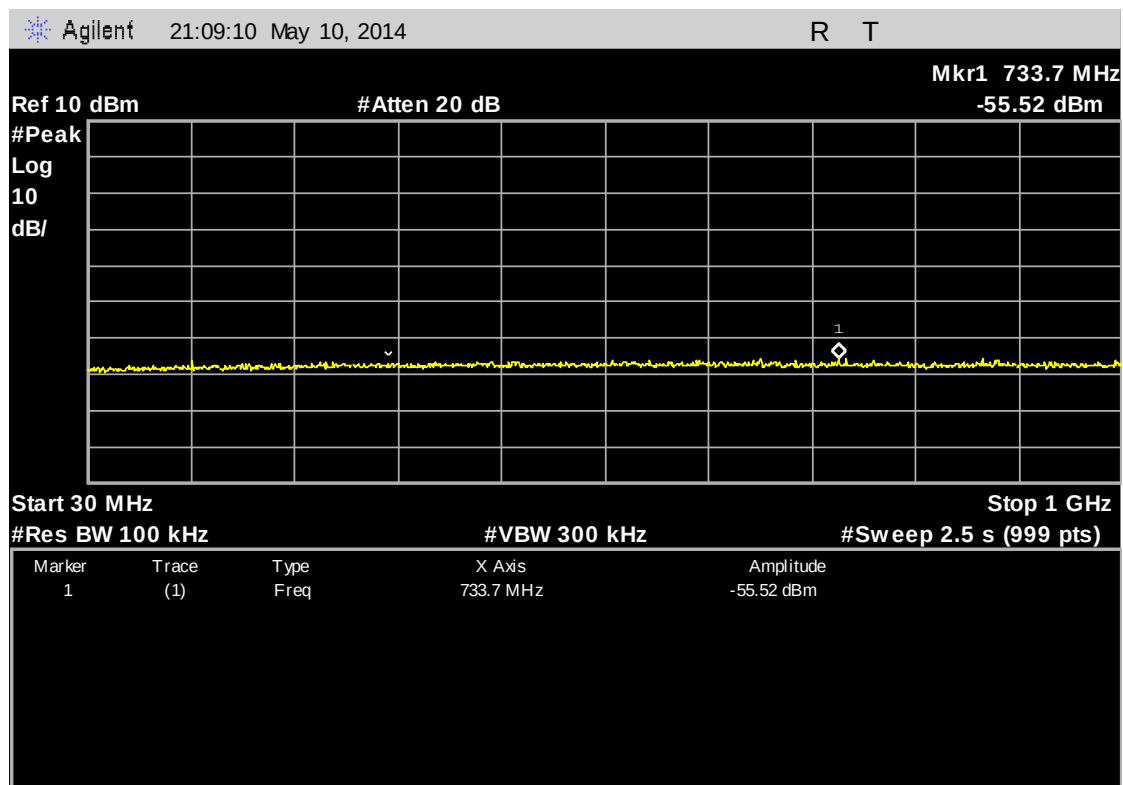
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2 Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of EDR mode

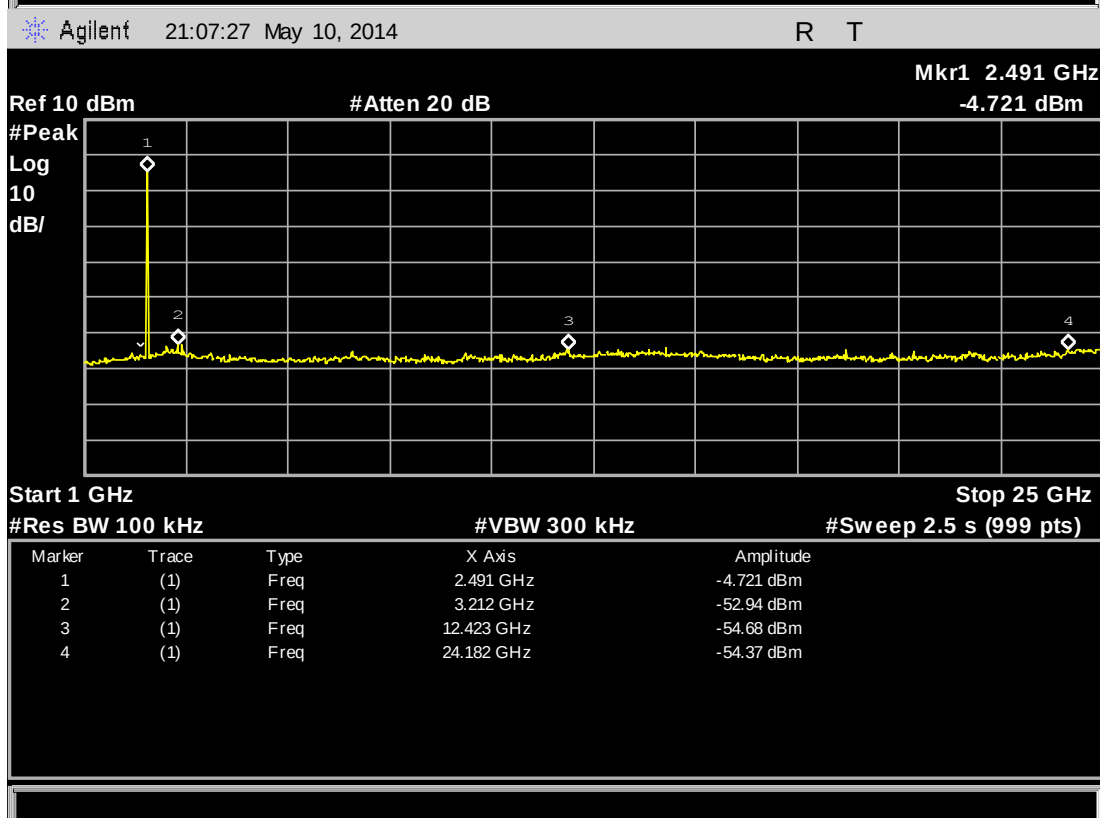
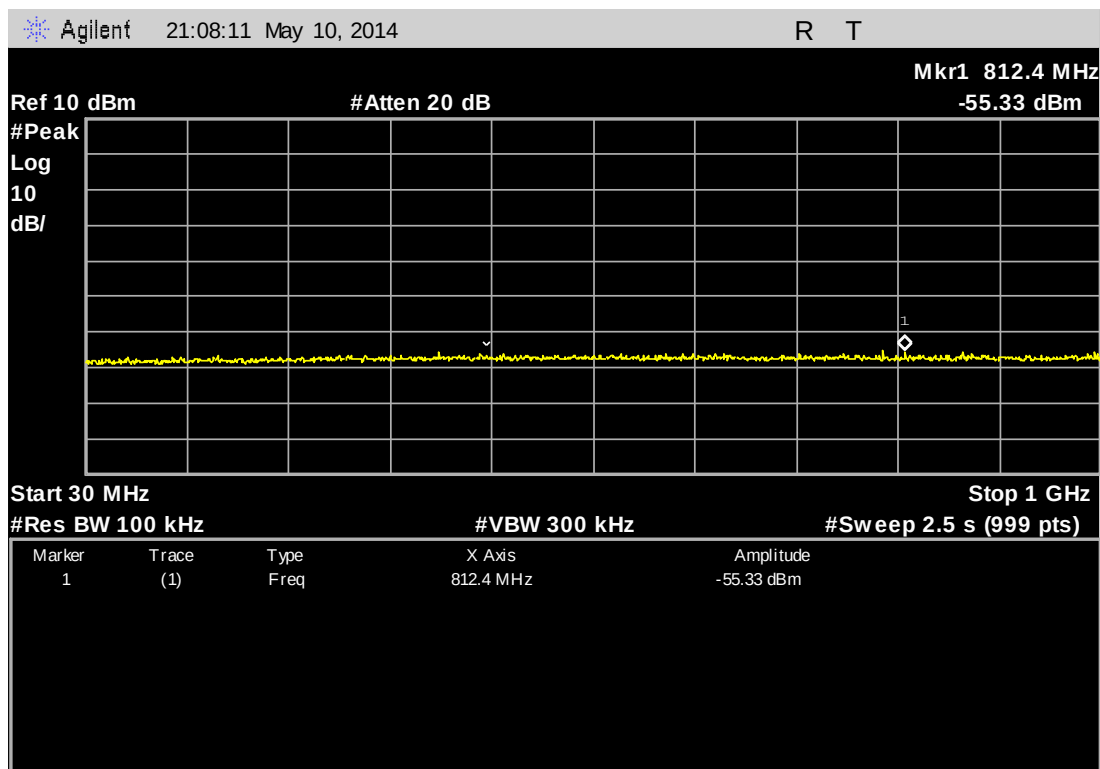
Low Channel



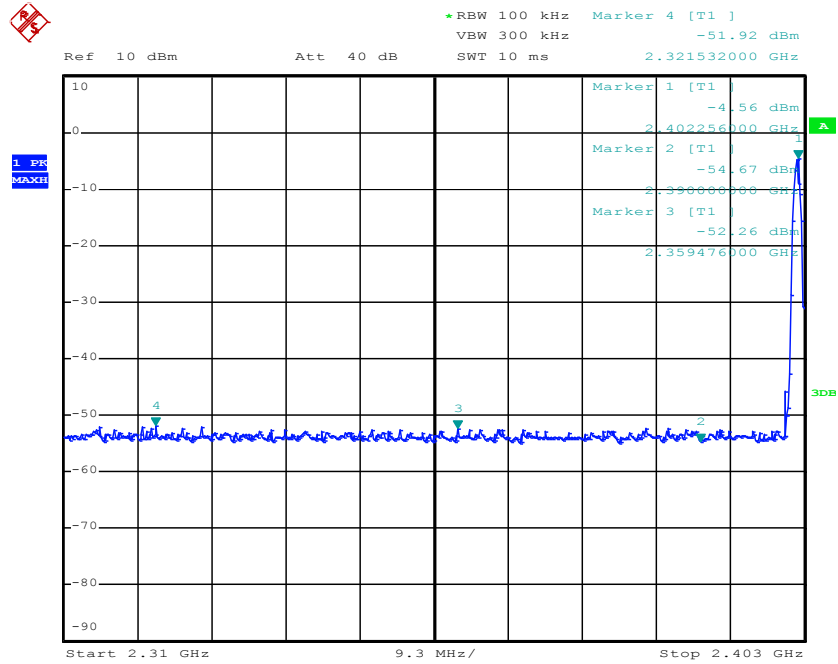
Middle Channel



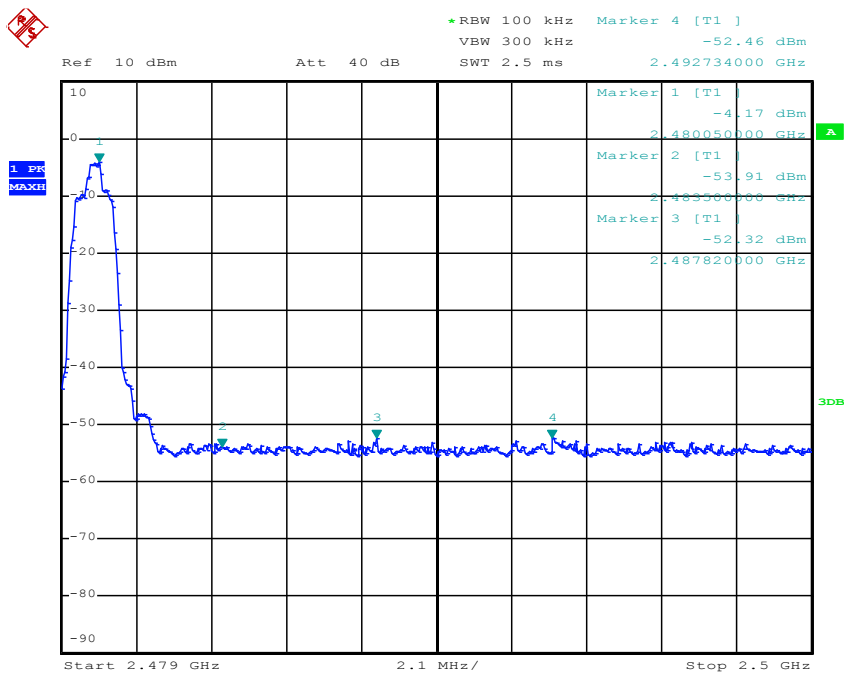
High channel



Band edge



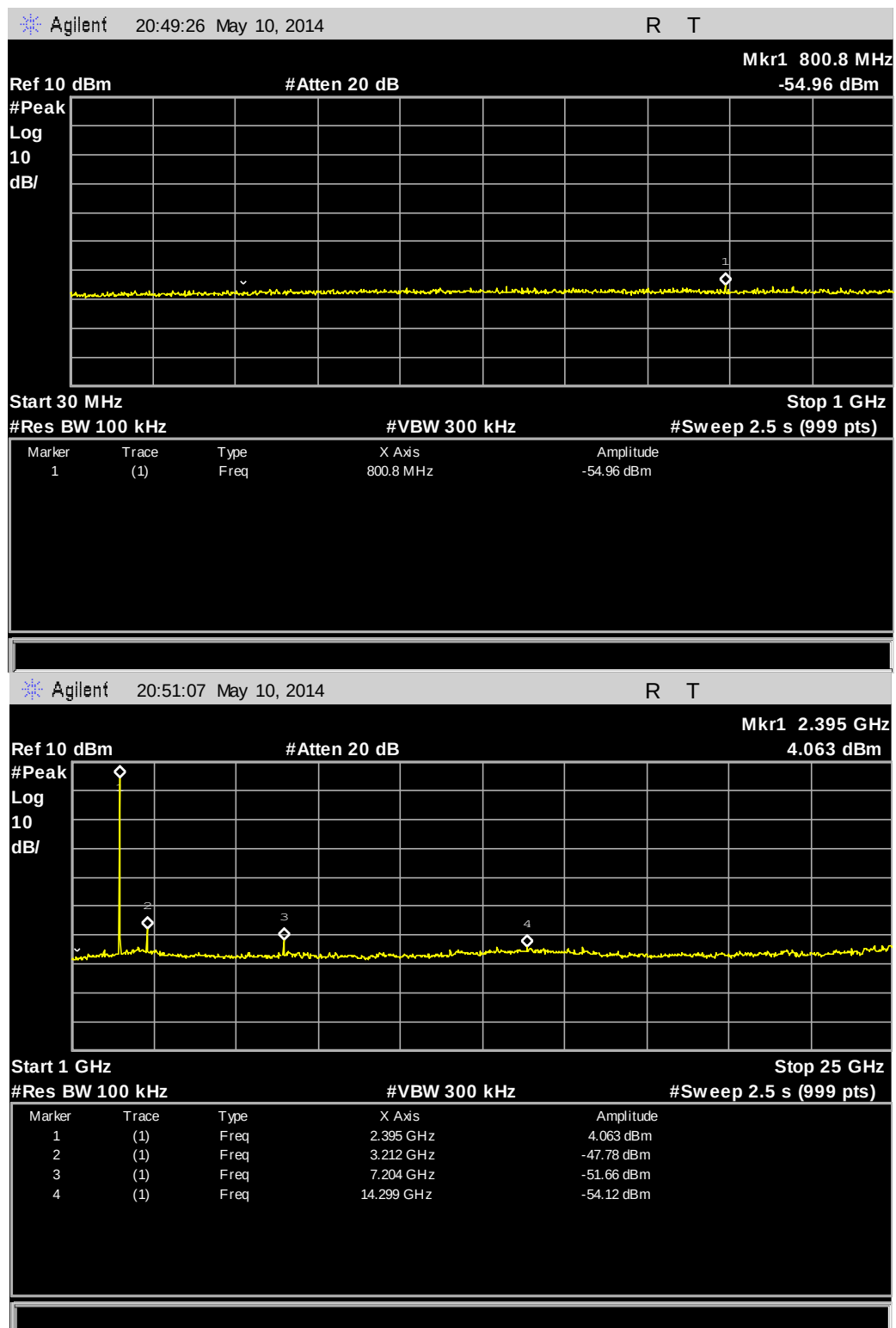
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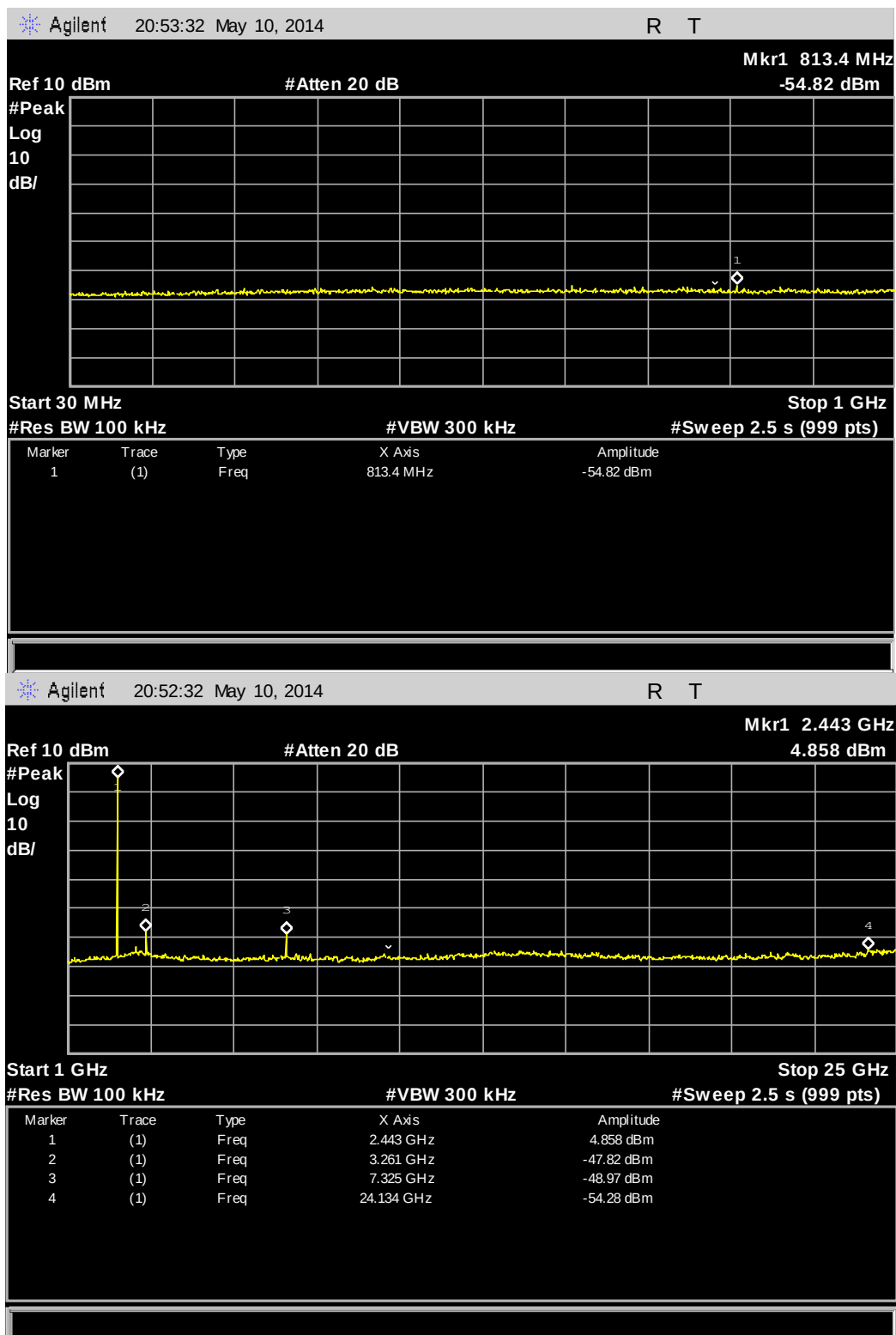
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3 Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of LE mode

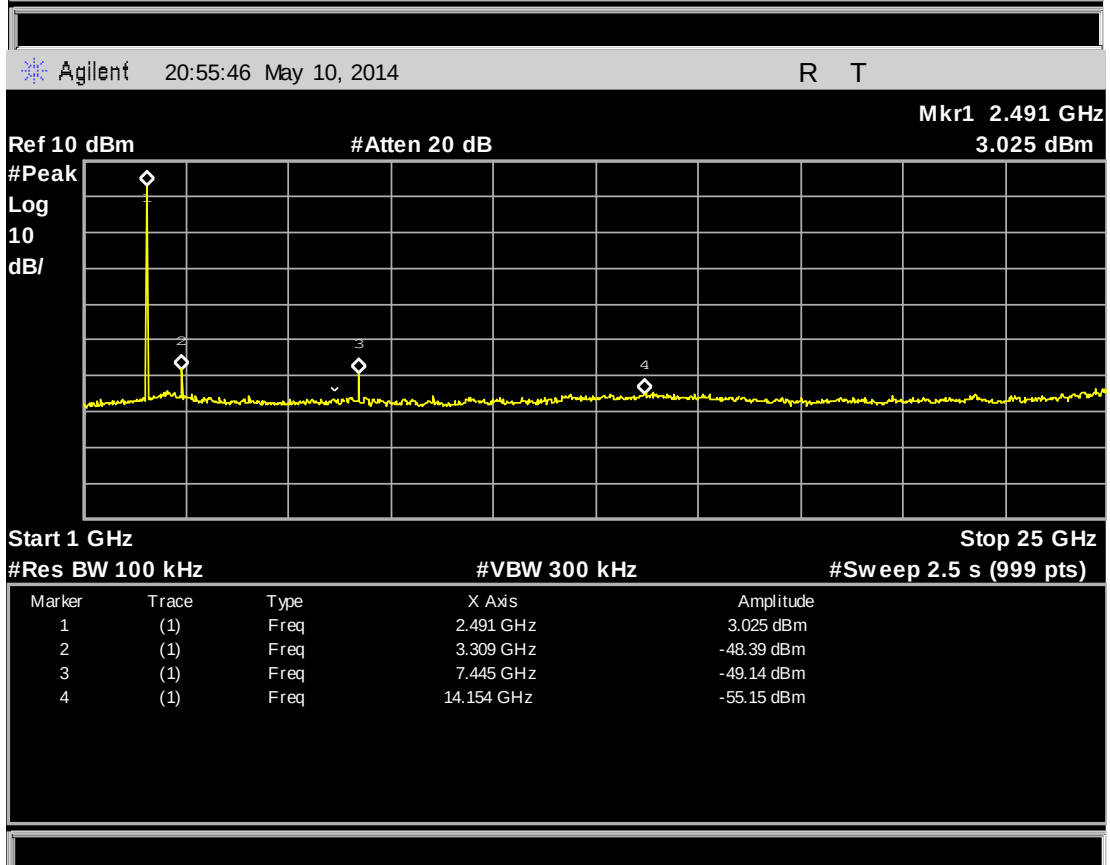
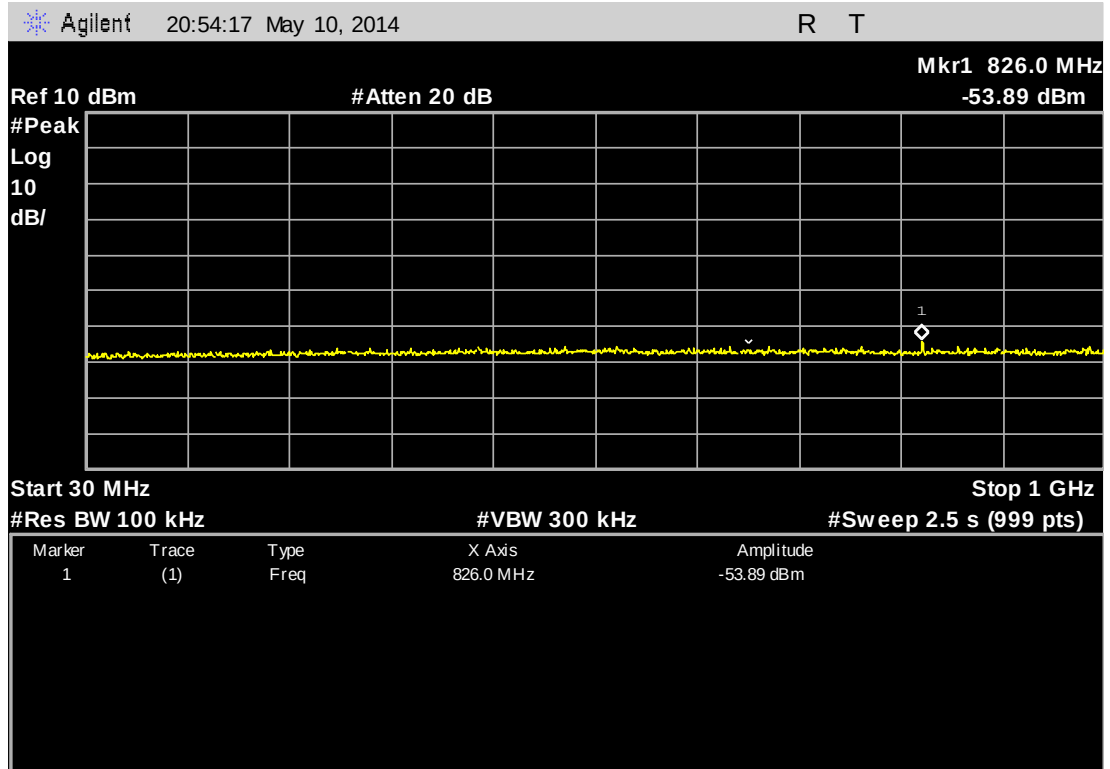
Low Channel



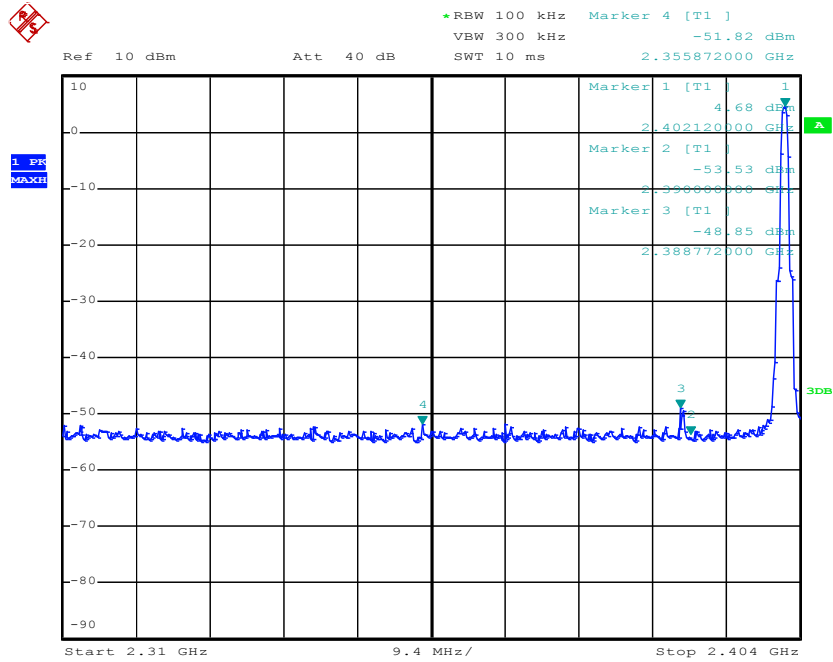
Middle Channel



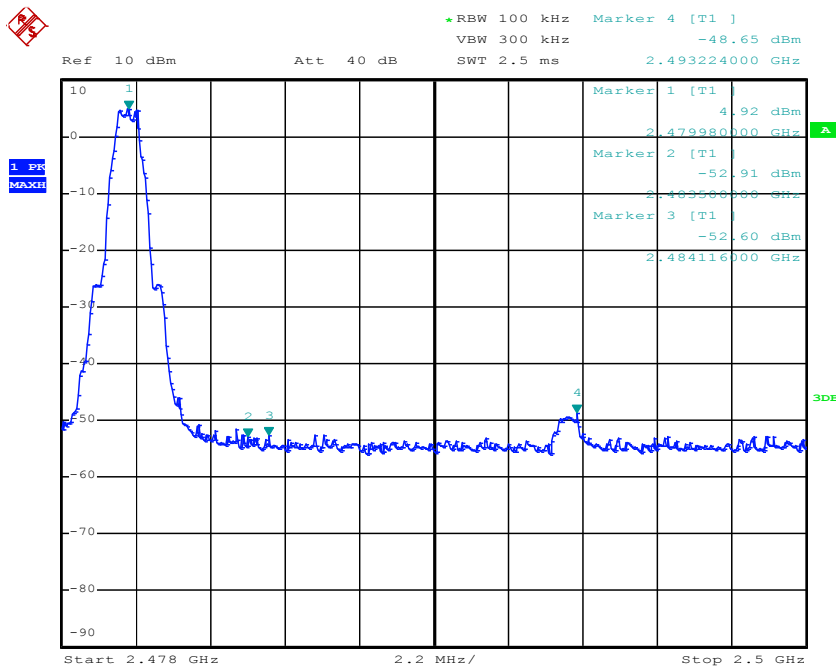
High Channel



Band Edge



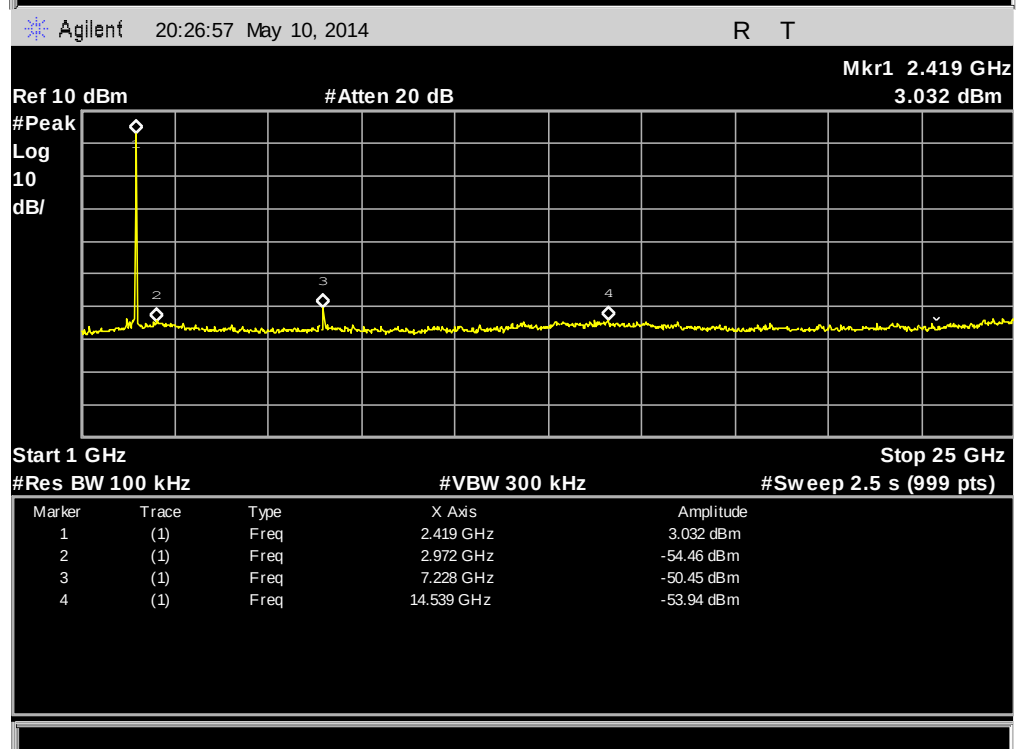
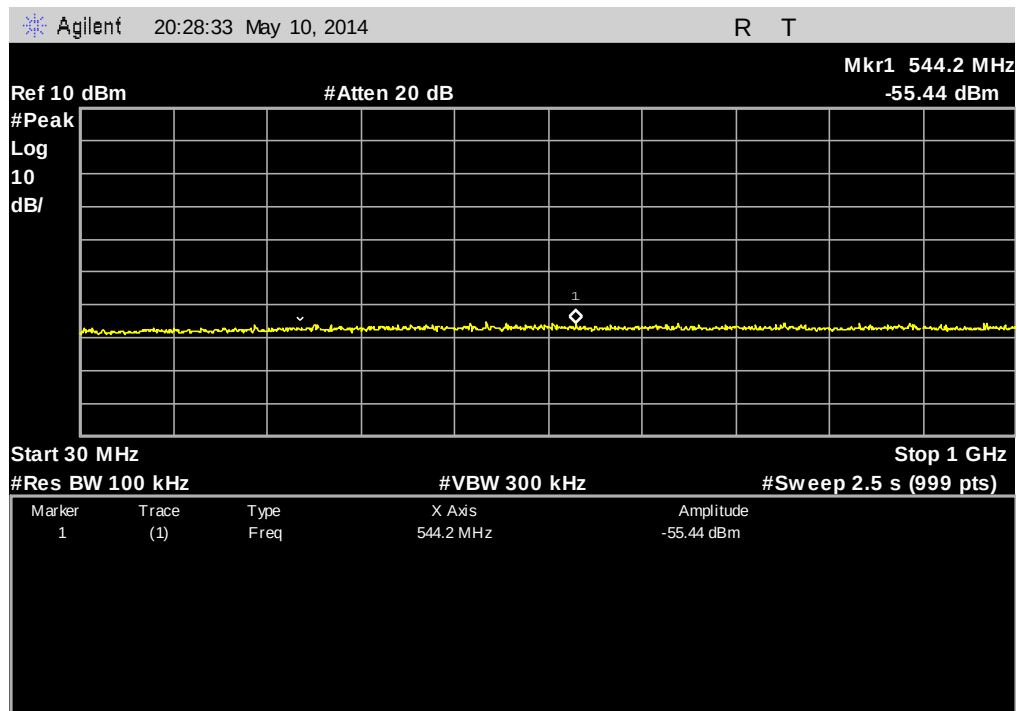
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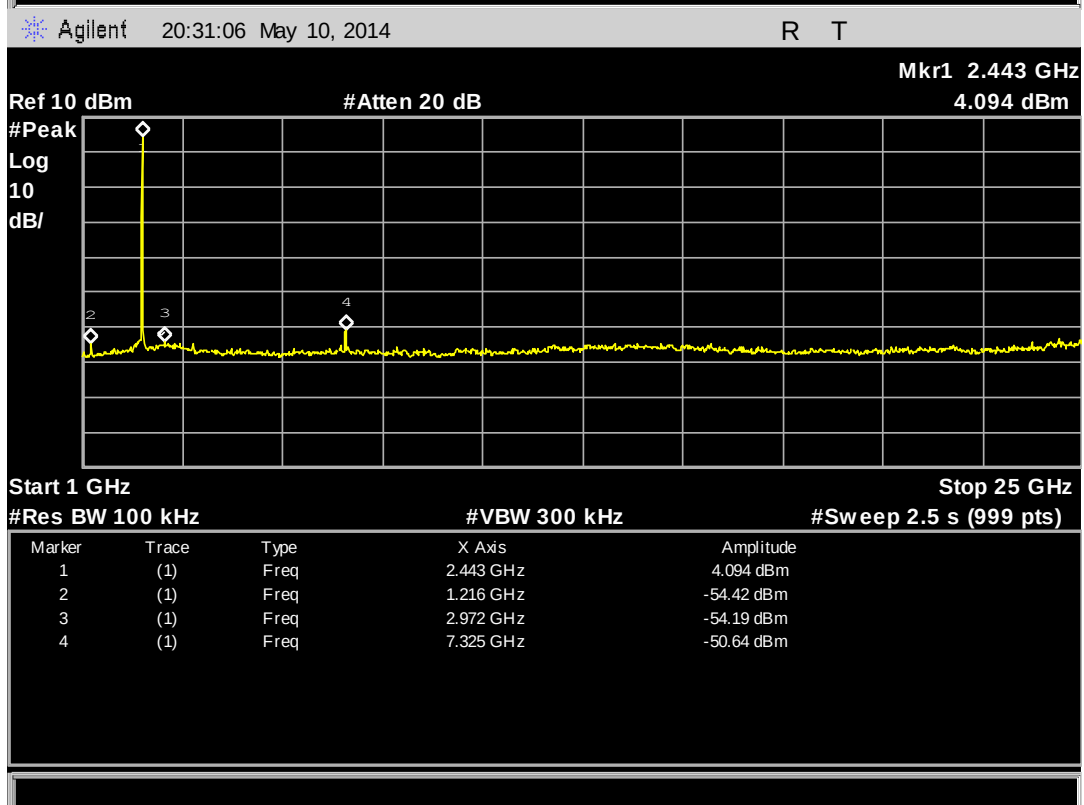
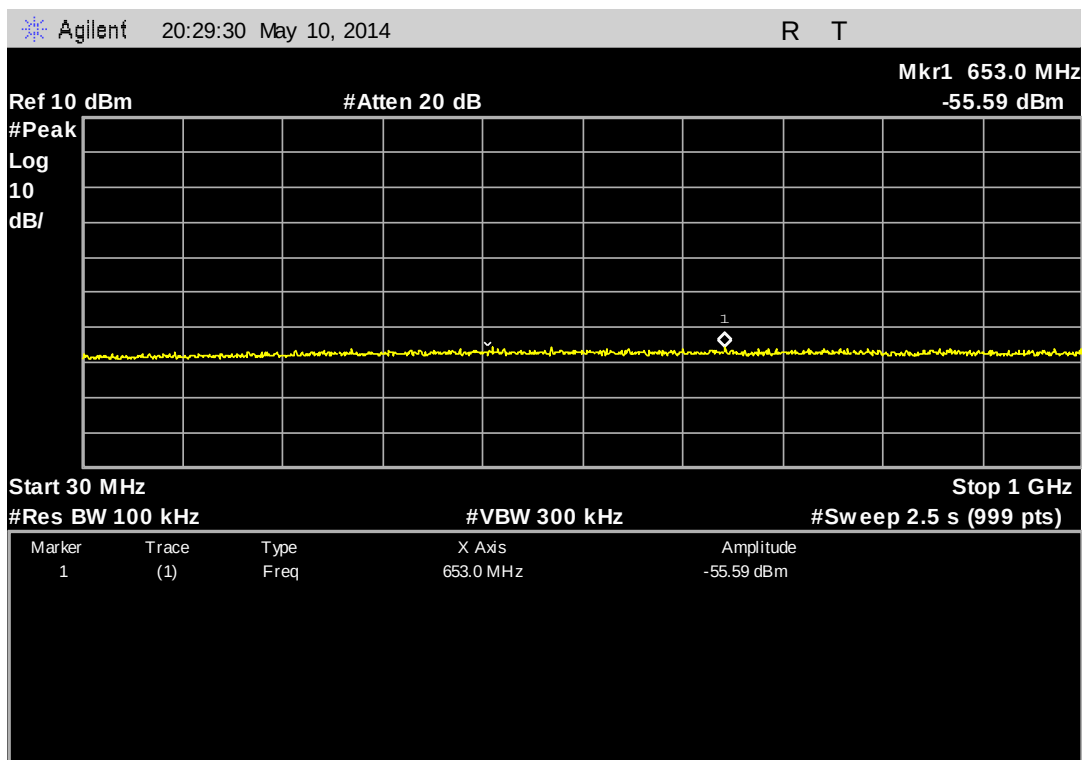
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4 Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11b

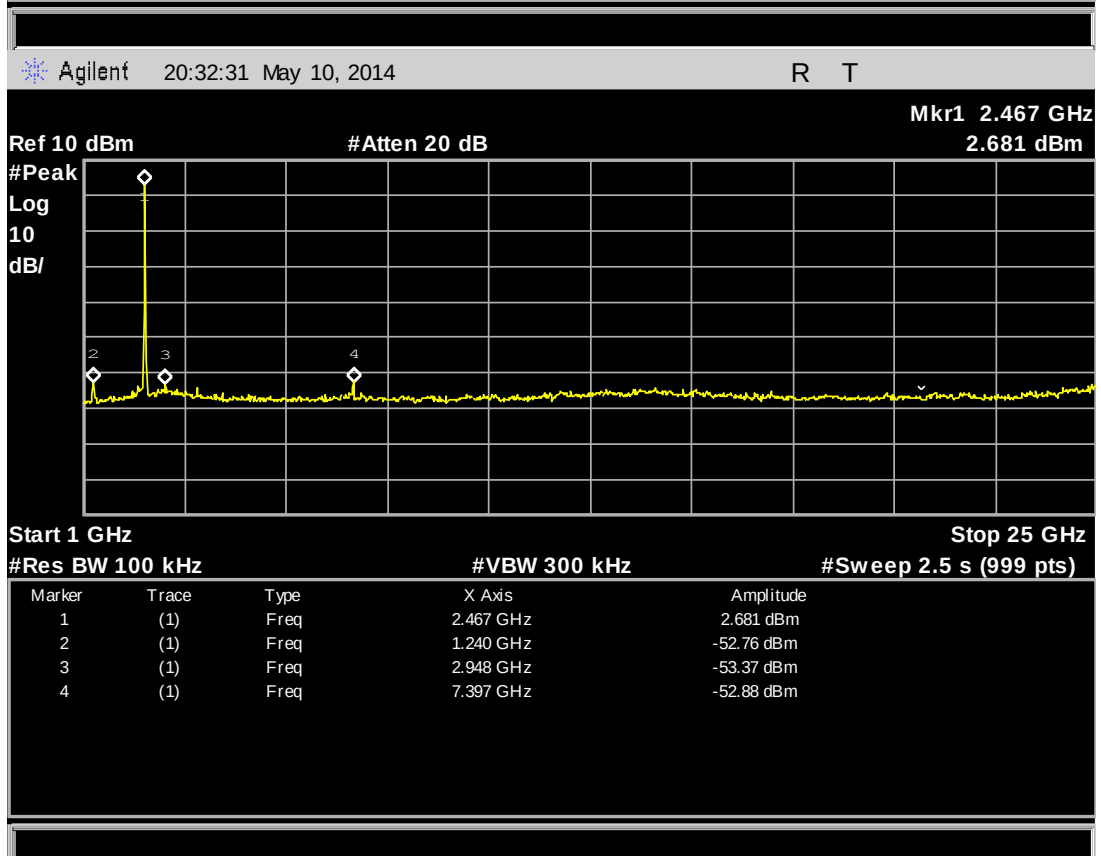
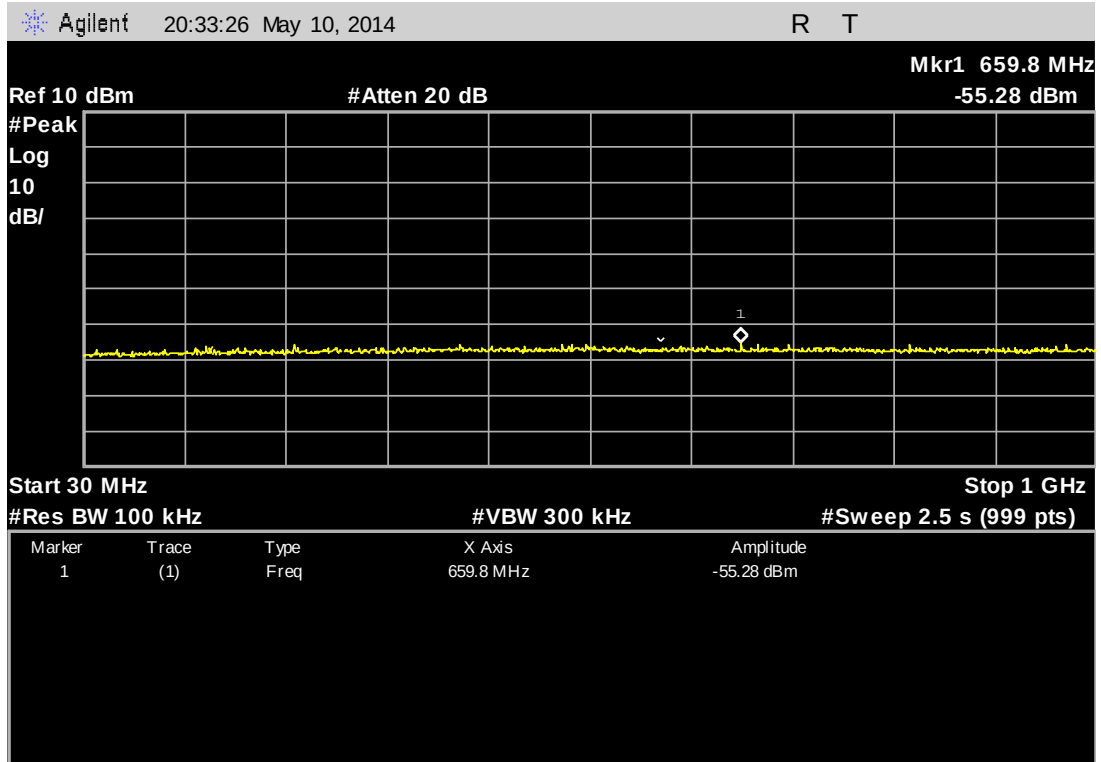
Low Channel



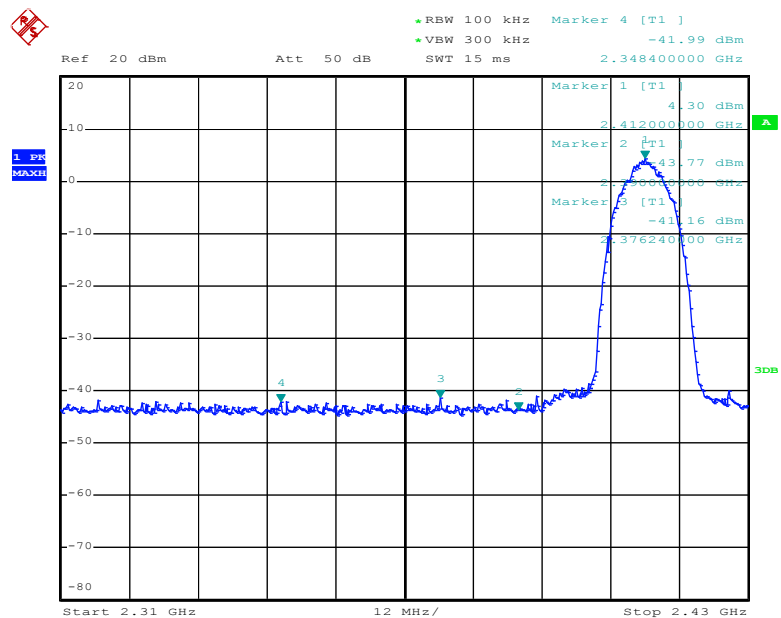
Middle channel



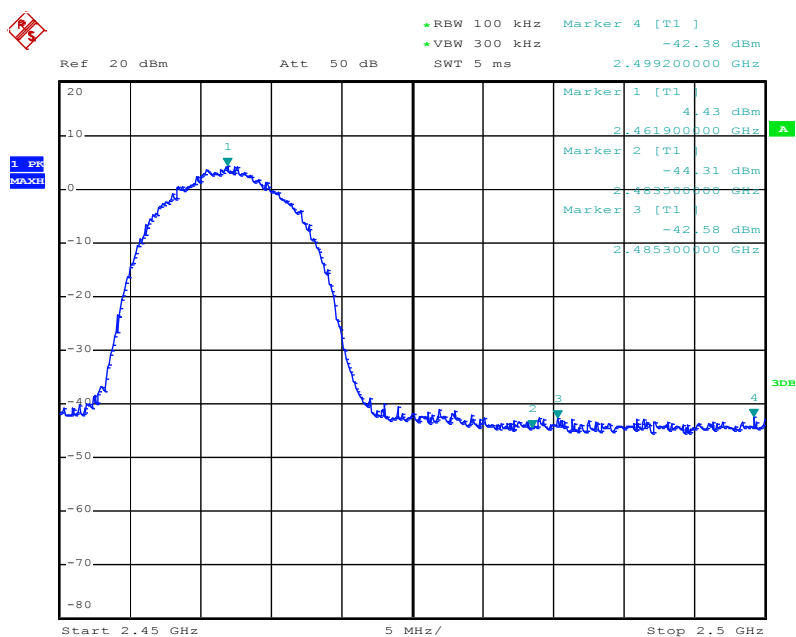
High Channel



Band Edge



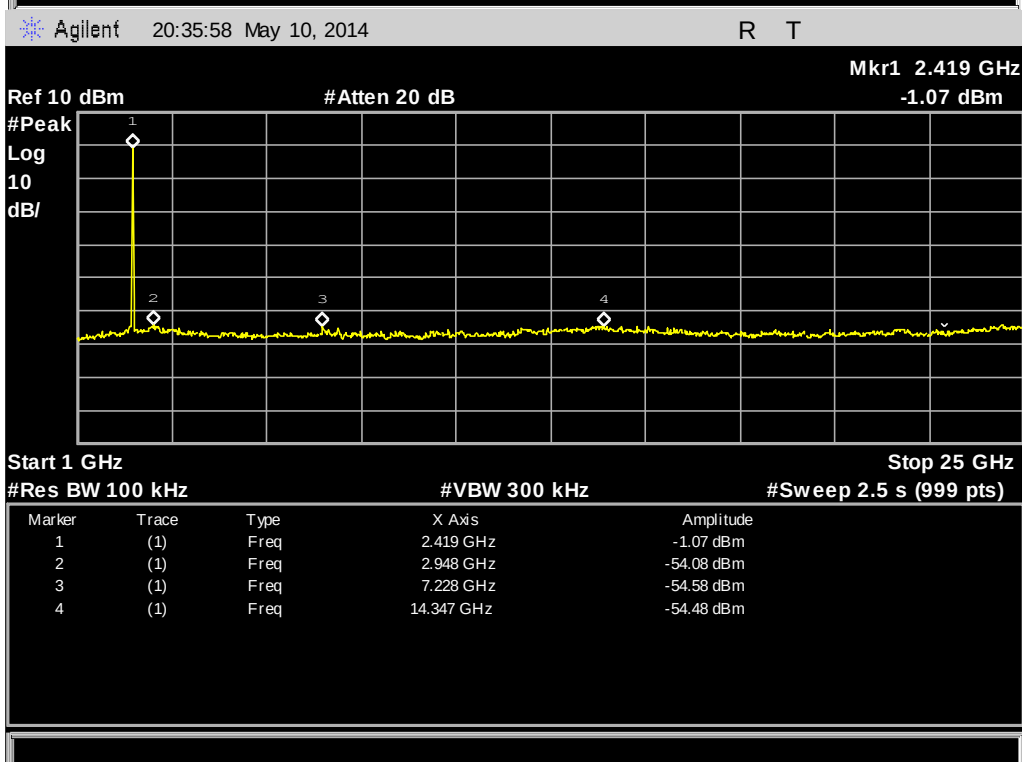
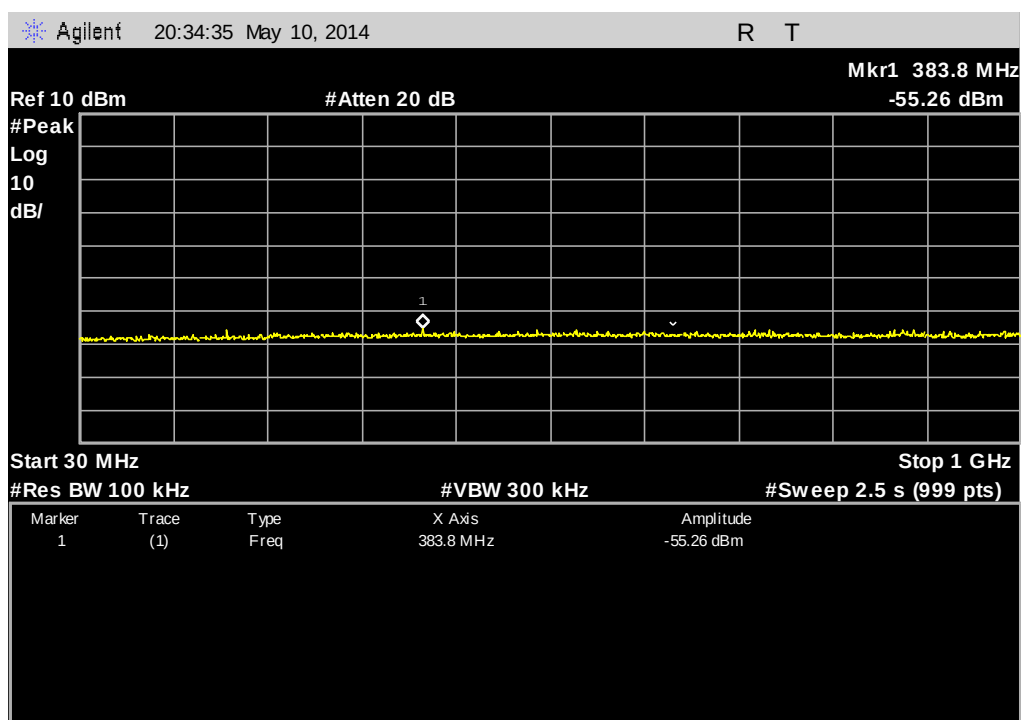
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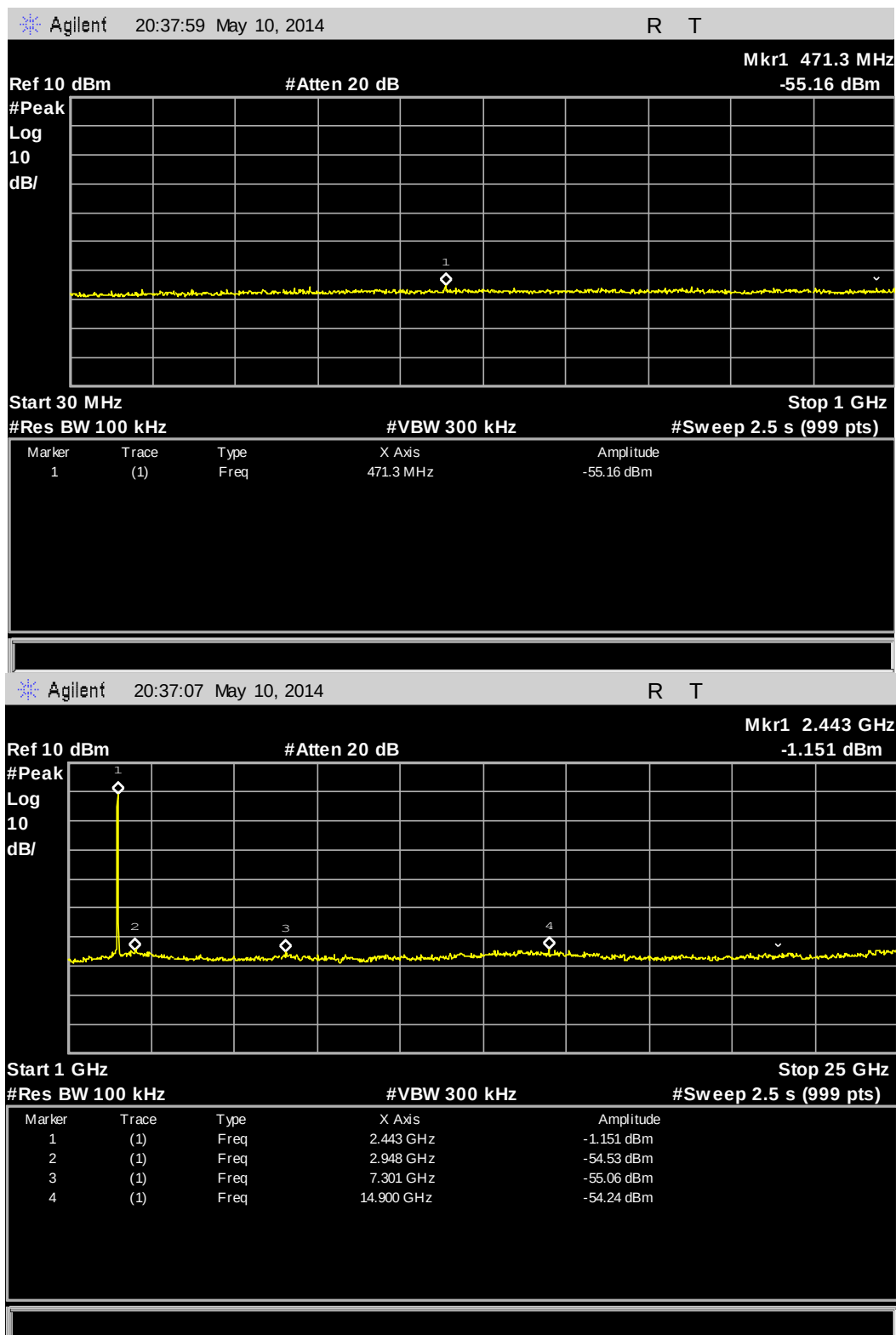
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5 Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11g

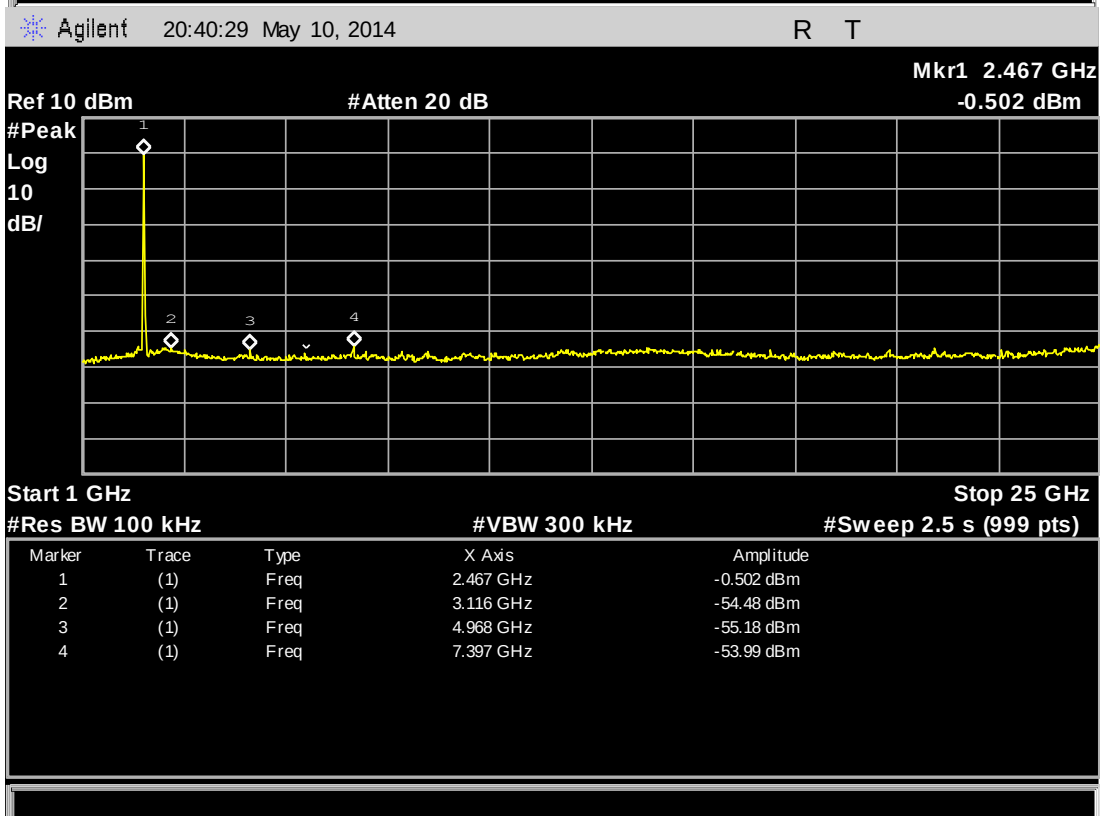
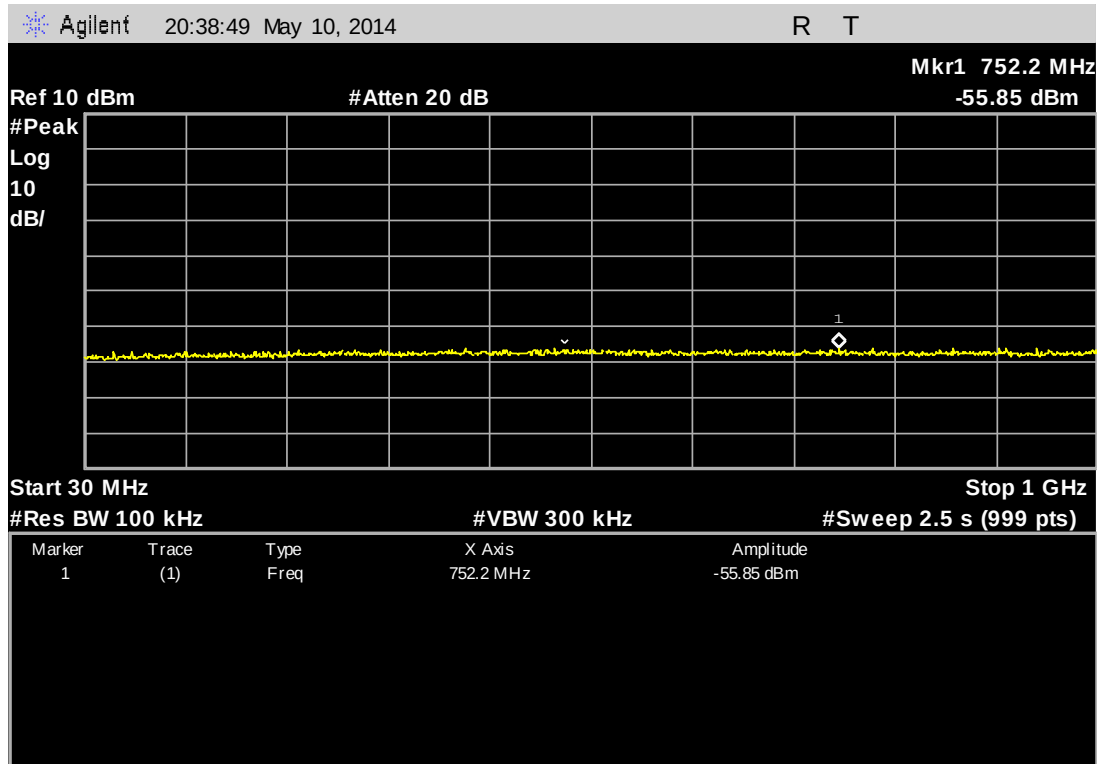
Low Channel



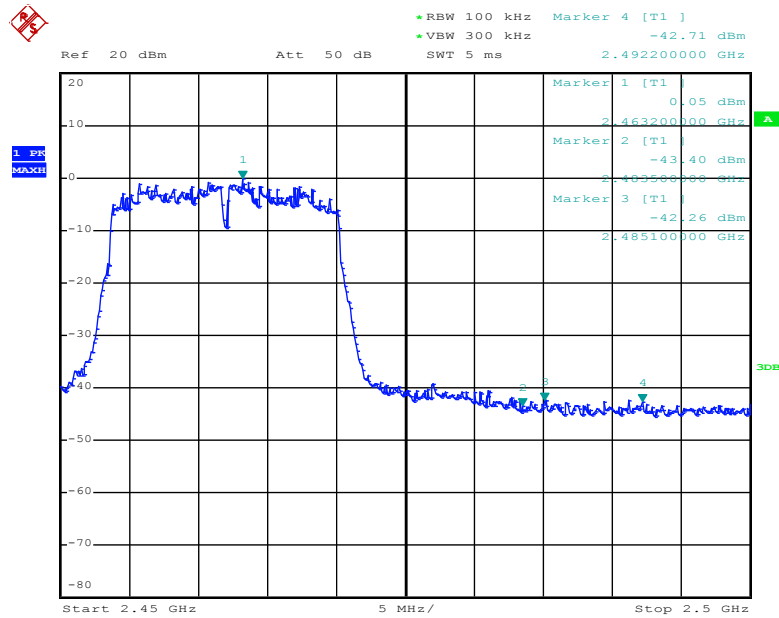
Middle Channel



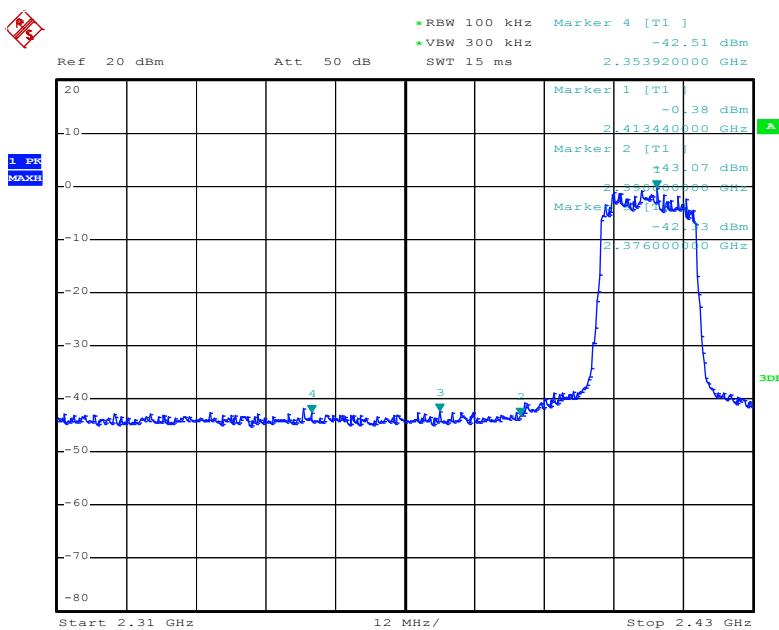
High Channel



Band Edge



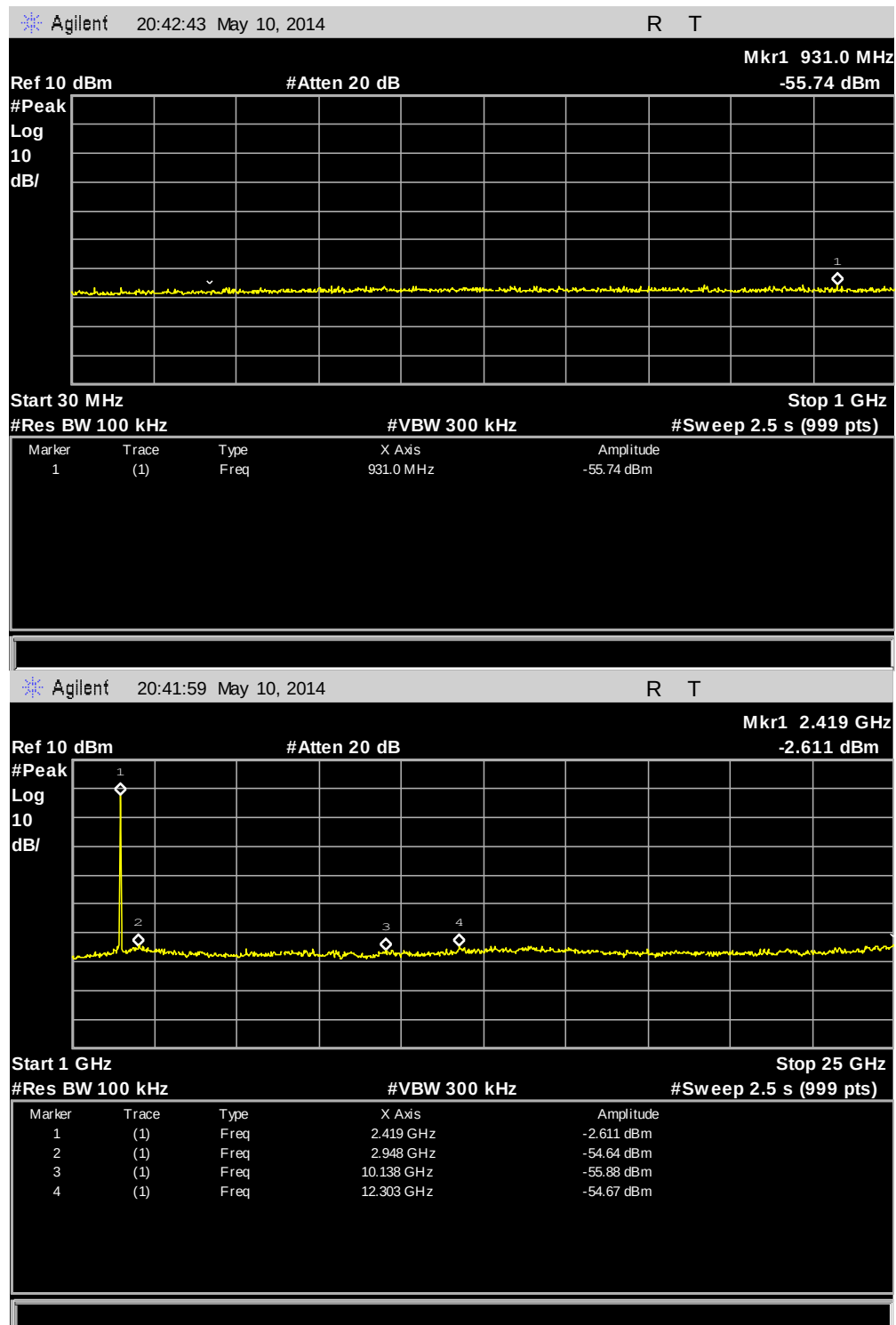
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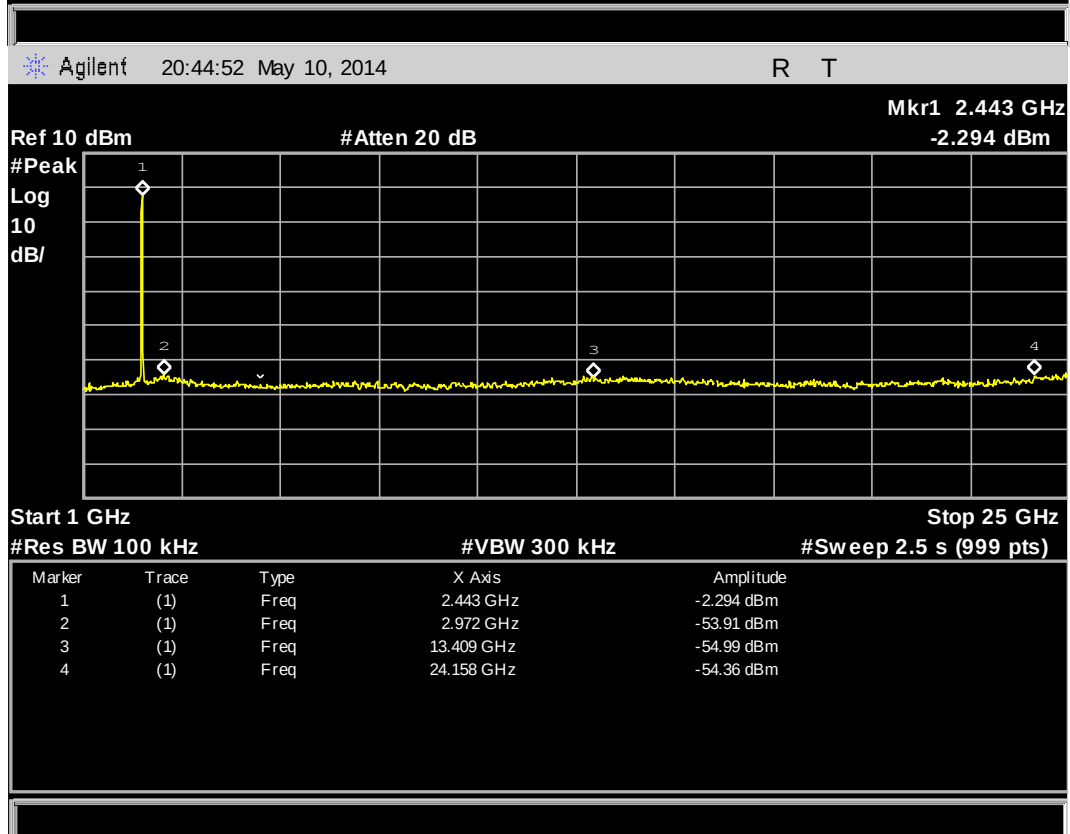
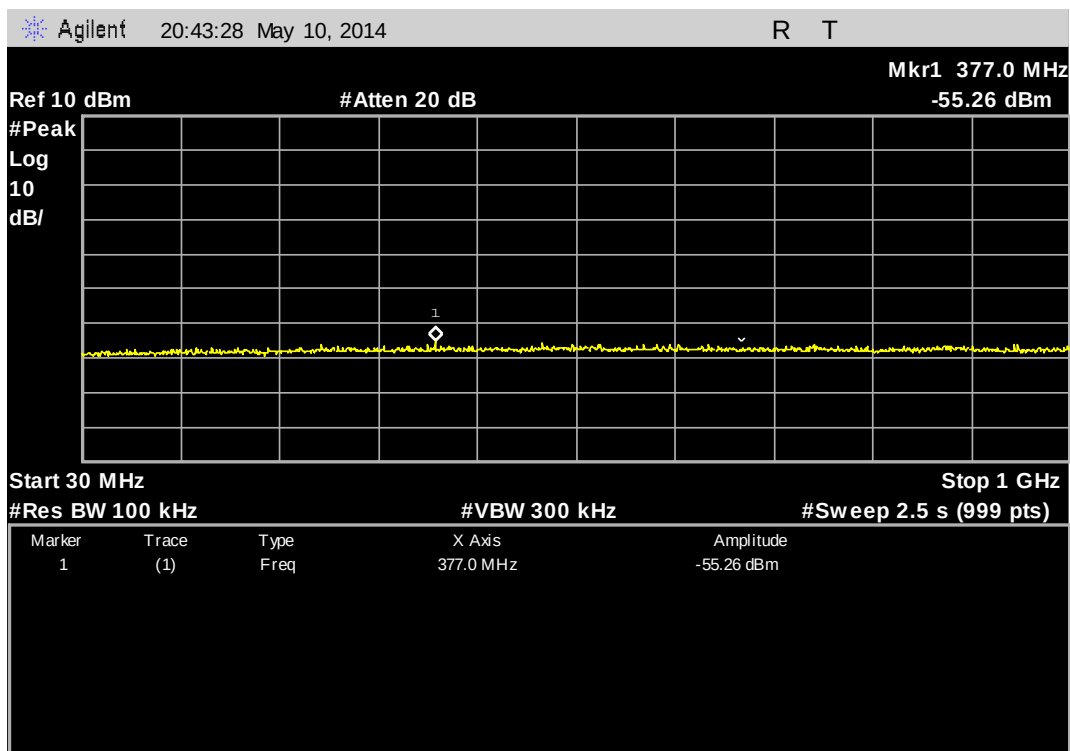
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6 Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n

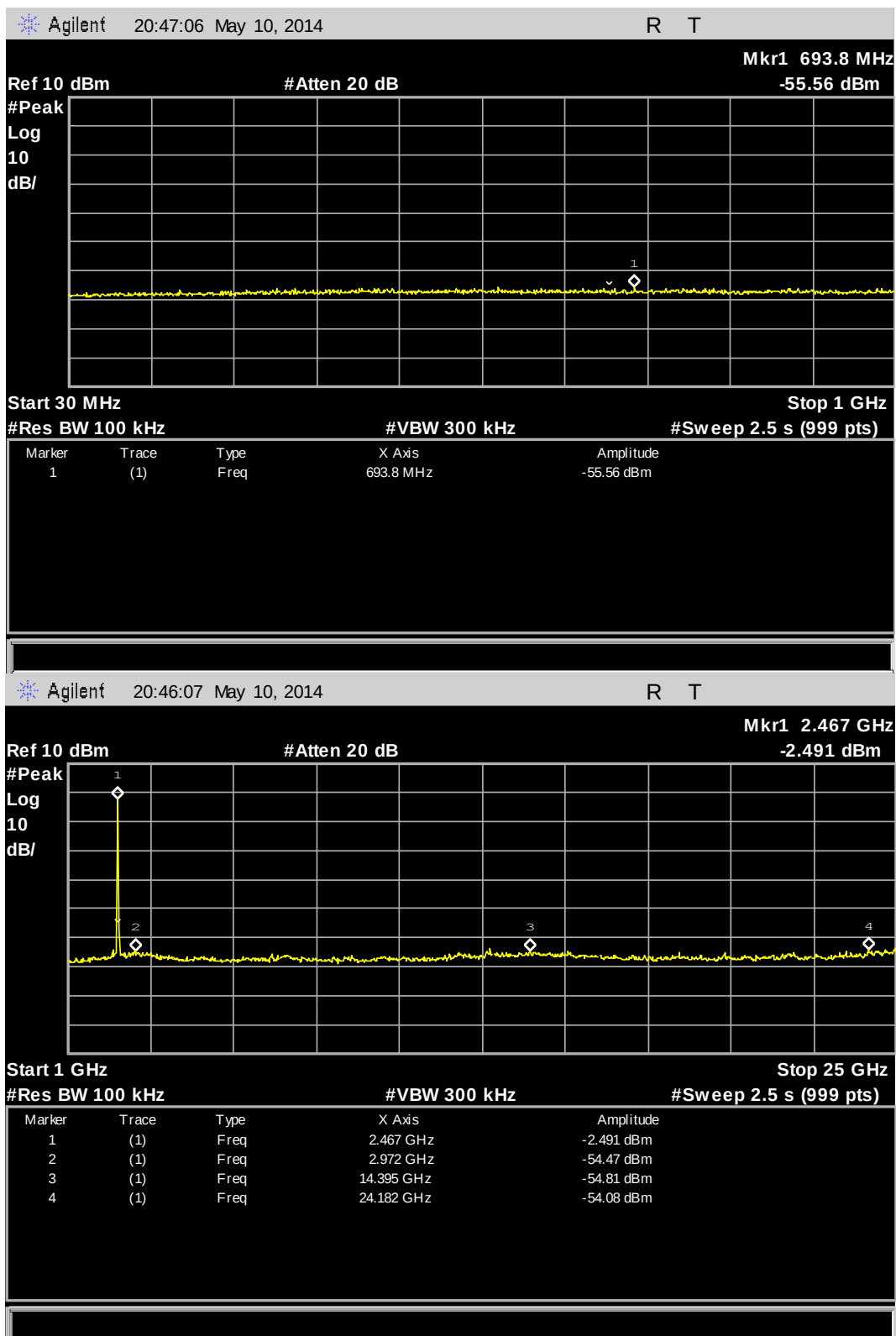
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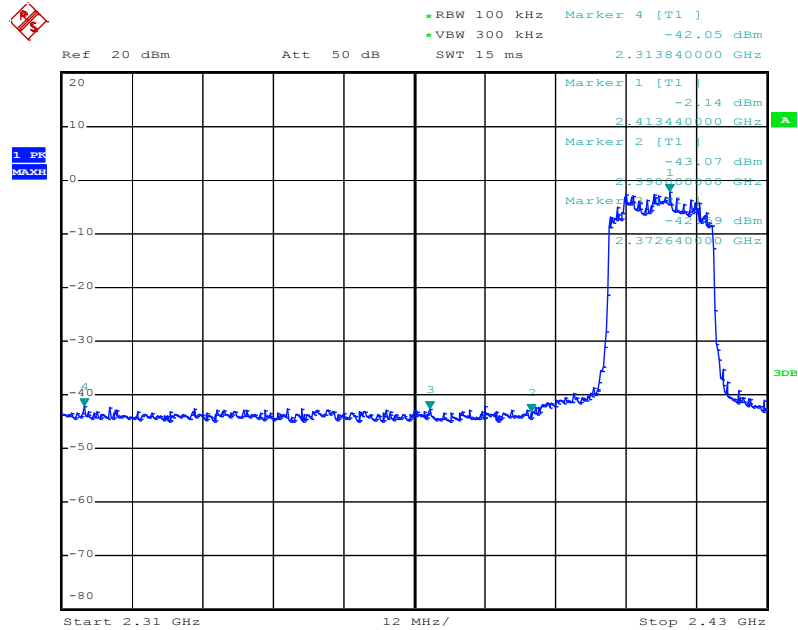
Middle Channel



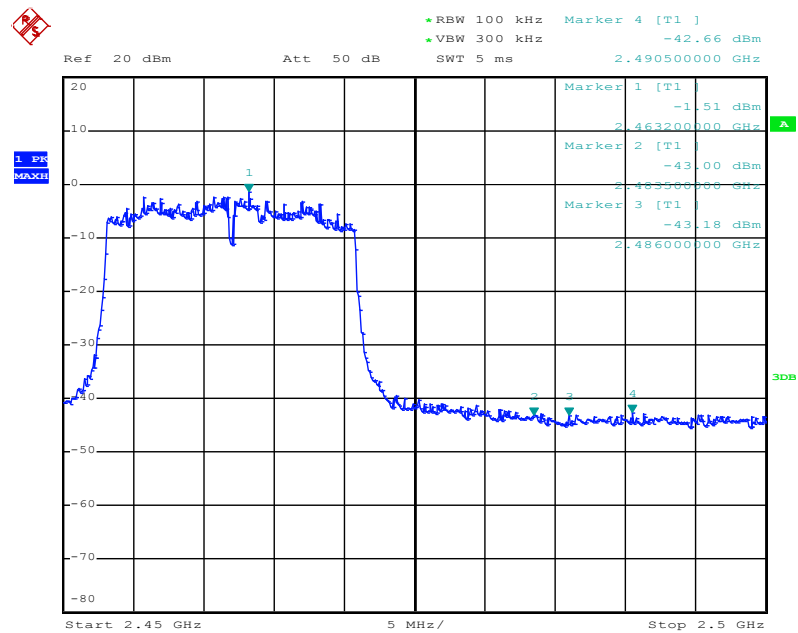
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Band Edge



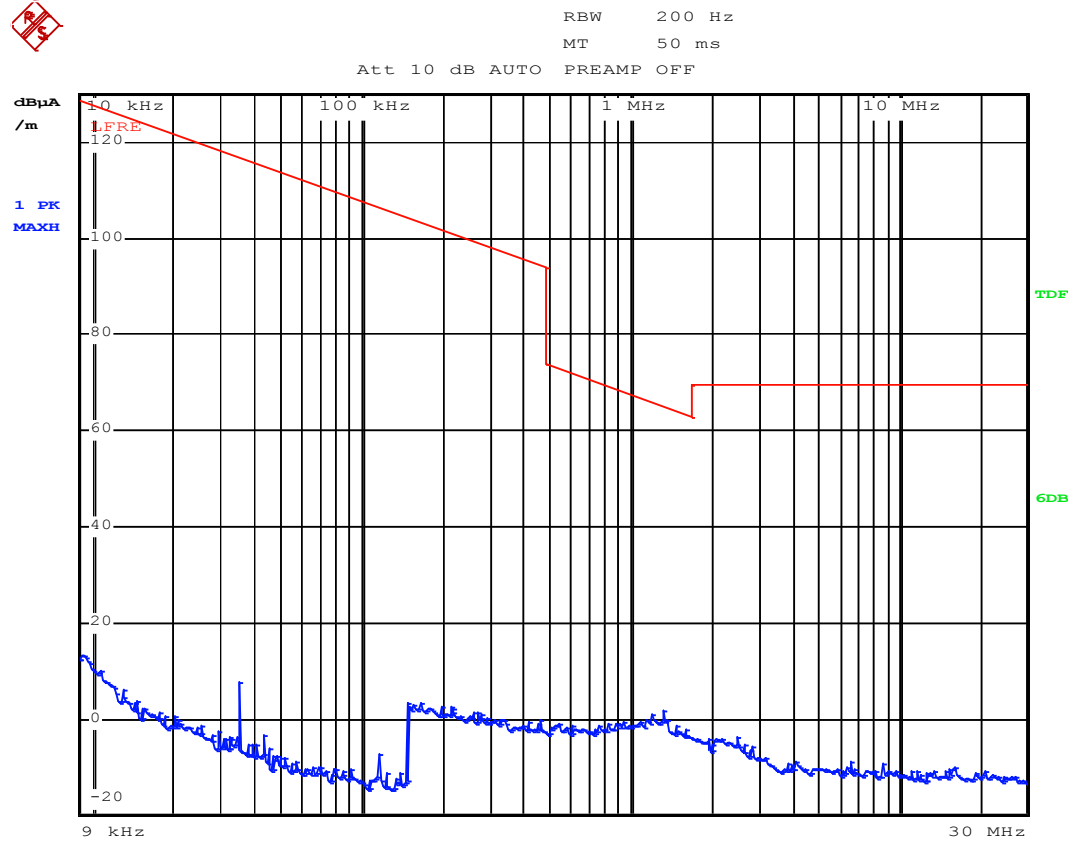
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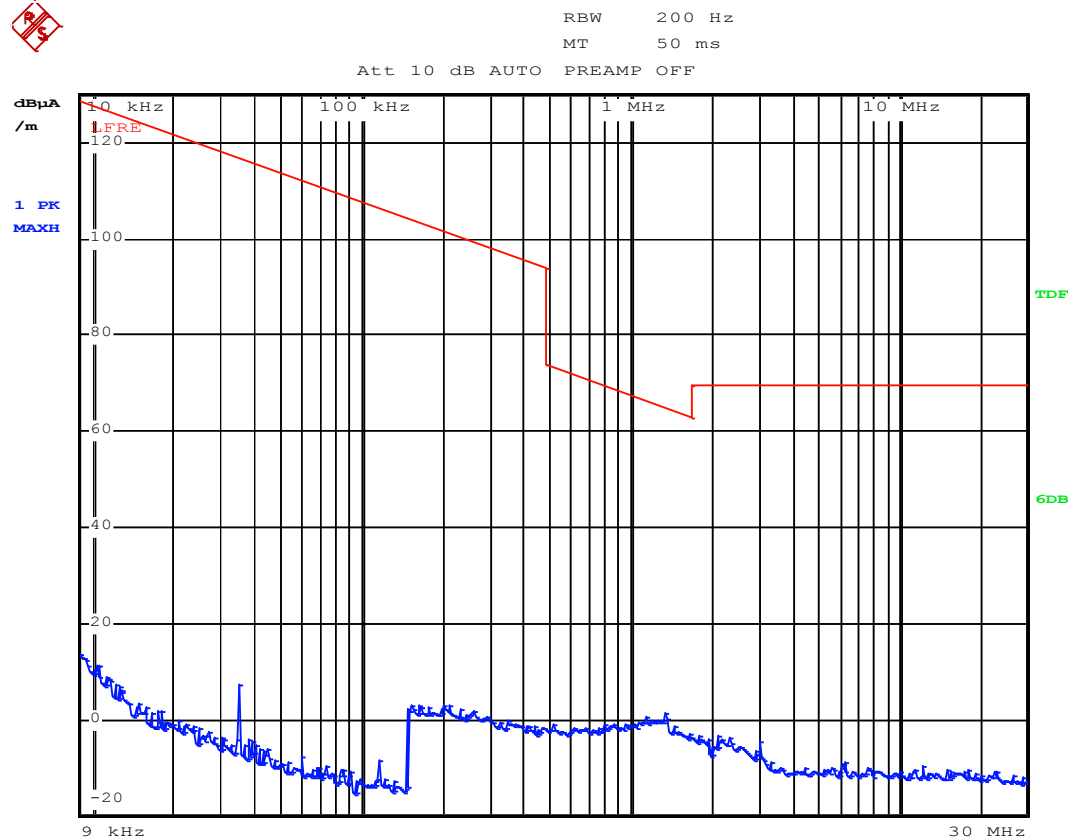
7 Test Plot of Spurious Emission of transmitting of Bluetooth BDR&EDR mode

Low channel, X direction



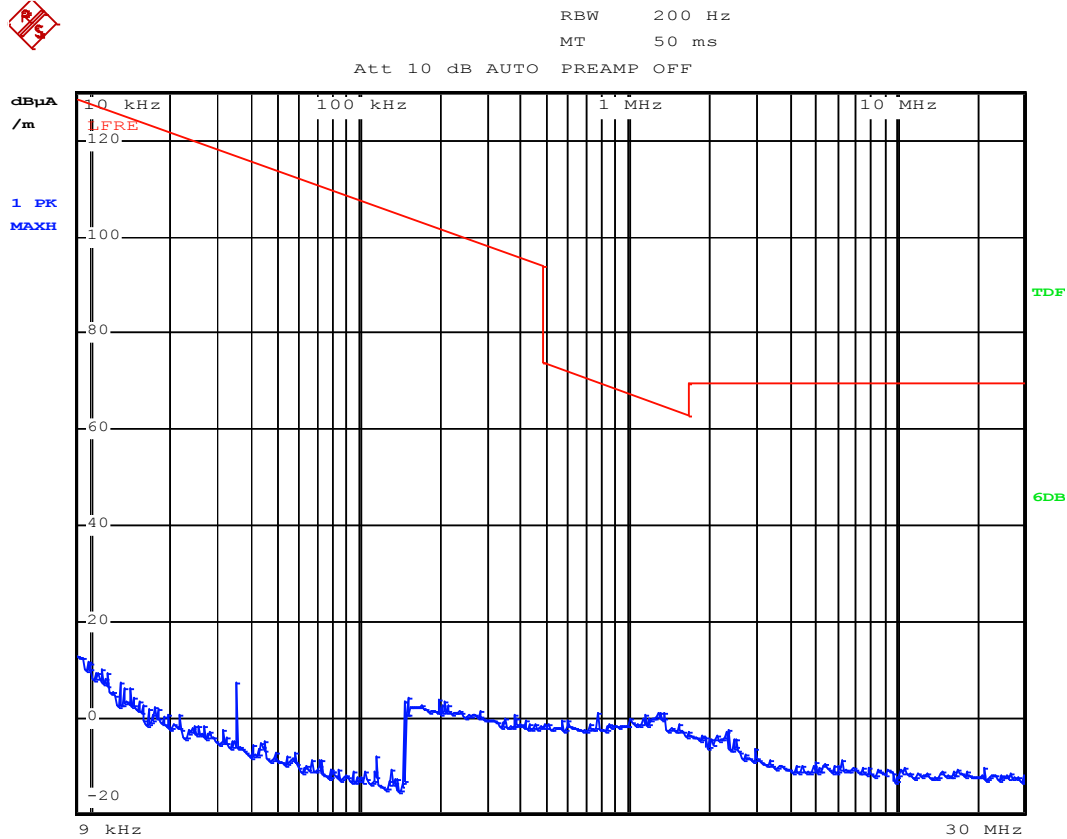
Date: 12.MAY.2014 02:59:15

Low channel, Y direction



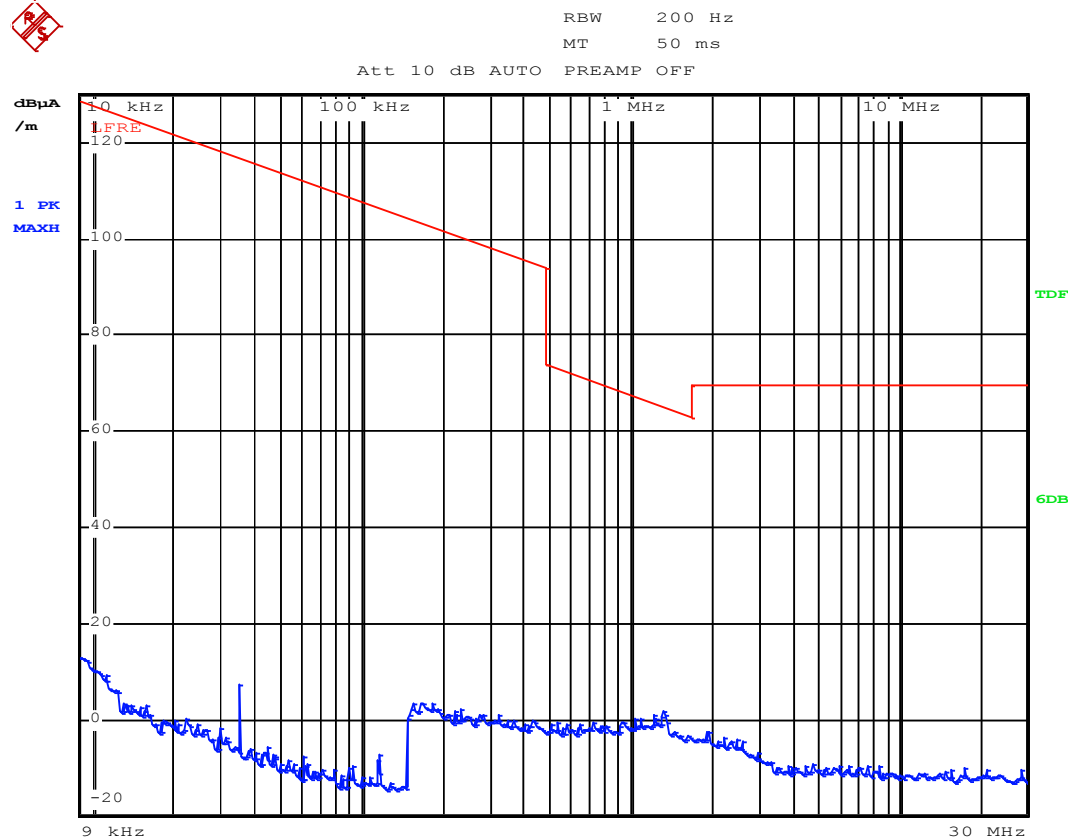
Date: 12.MAY.2014 03:01:27

Low channel, Z direction



Date: 12.MAY.2014 03:03:52

Middle channel, X direction



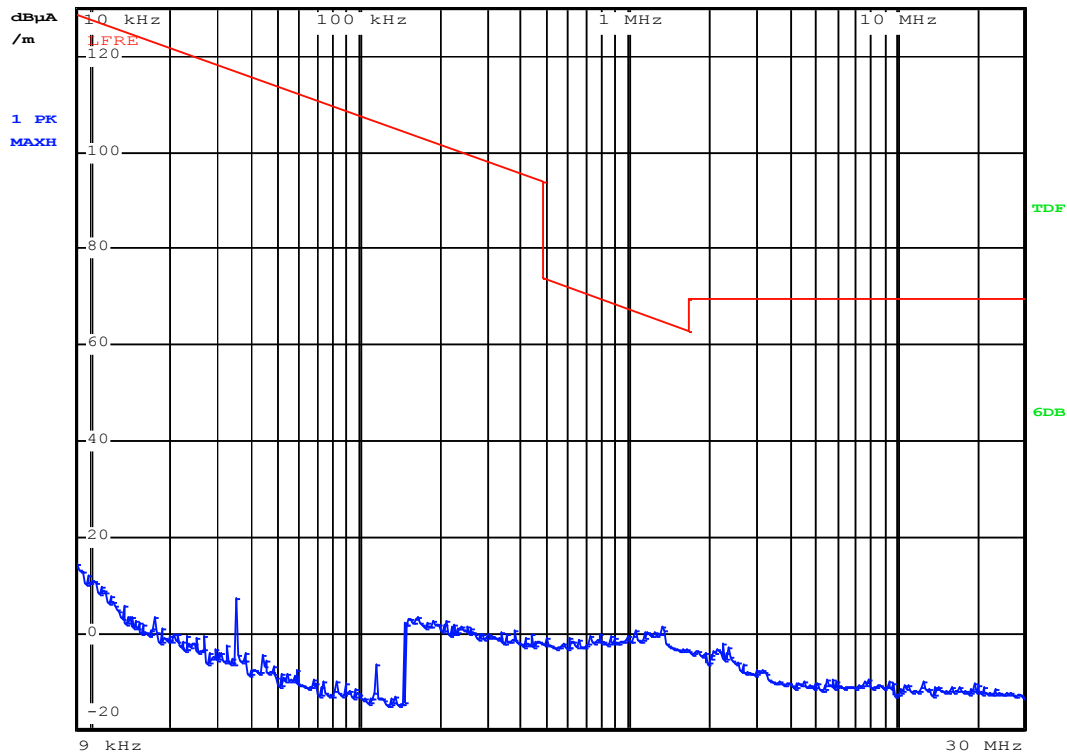
Date: 12.MAY.2014 03:06:01

Middle channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



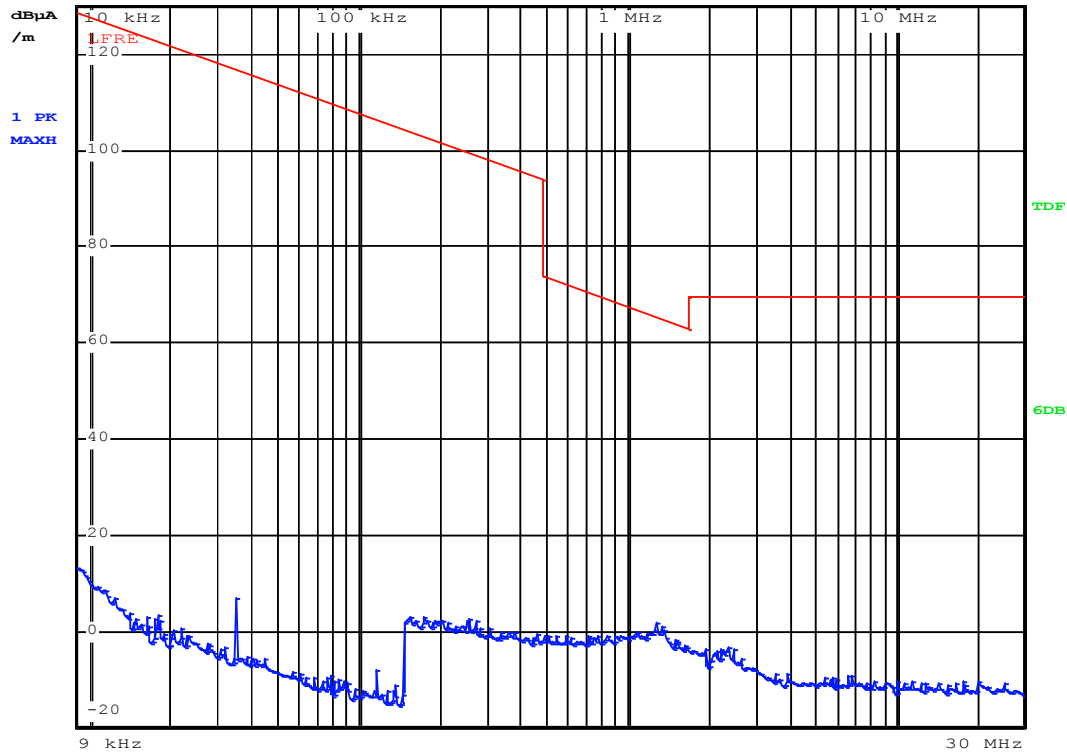
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Middle channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



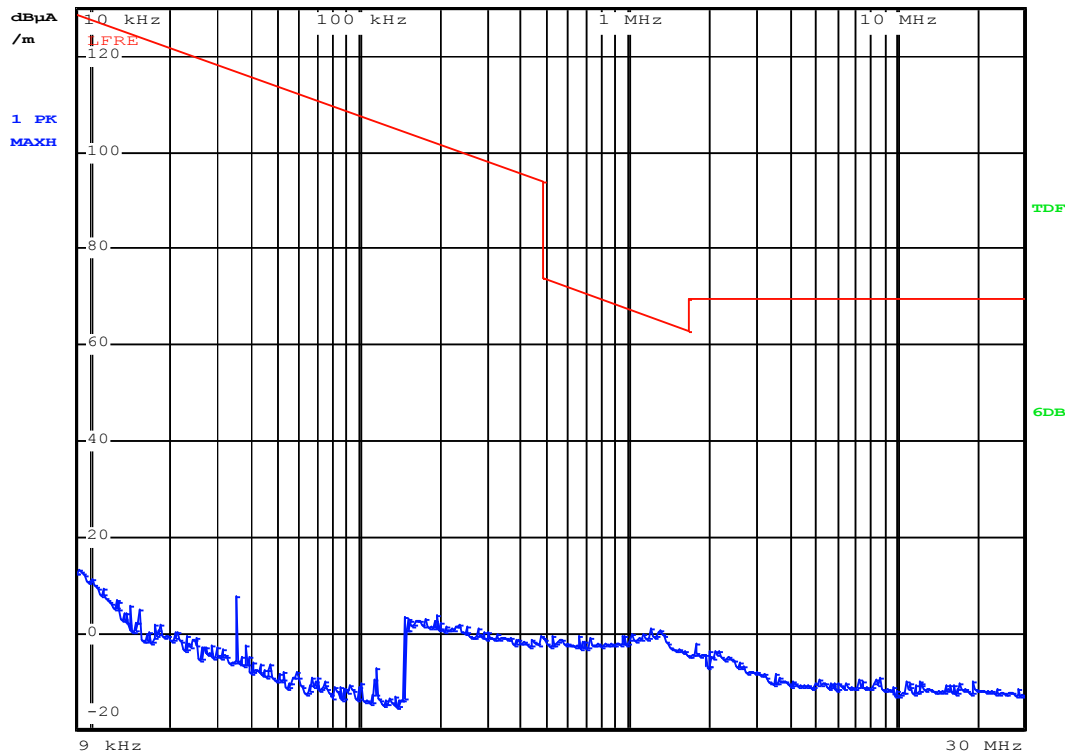
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High Channel, X direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



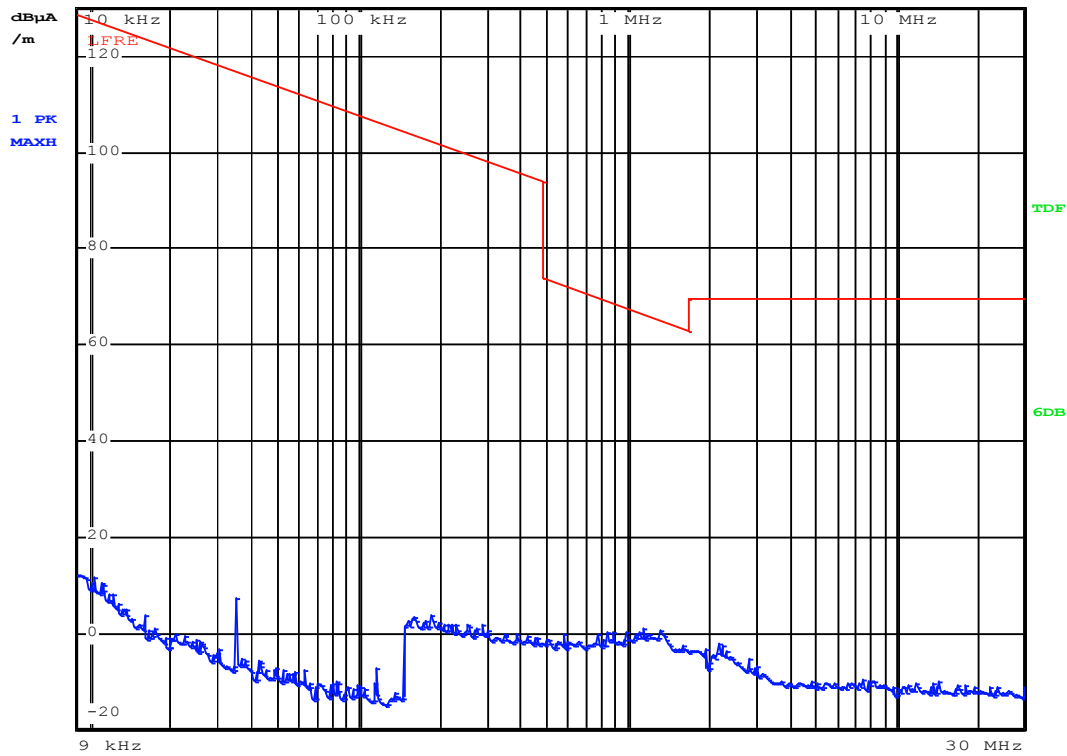
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High Channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



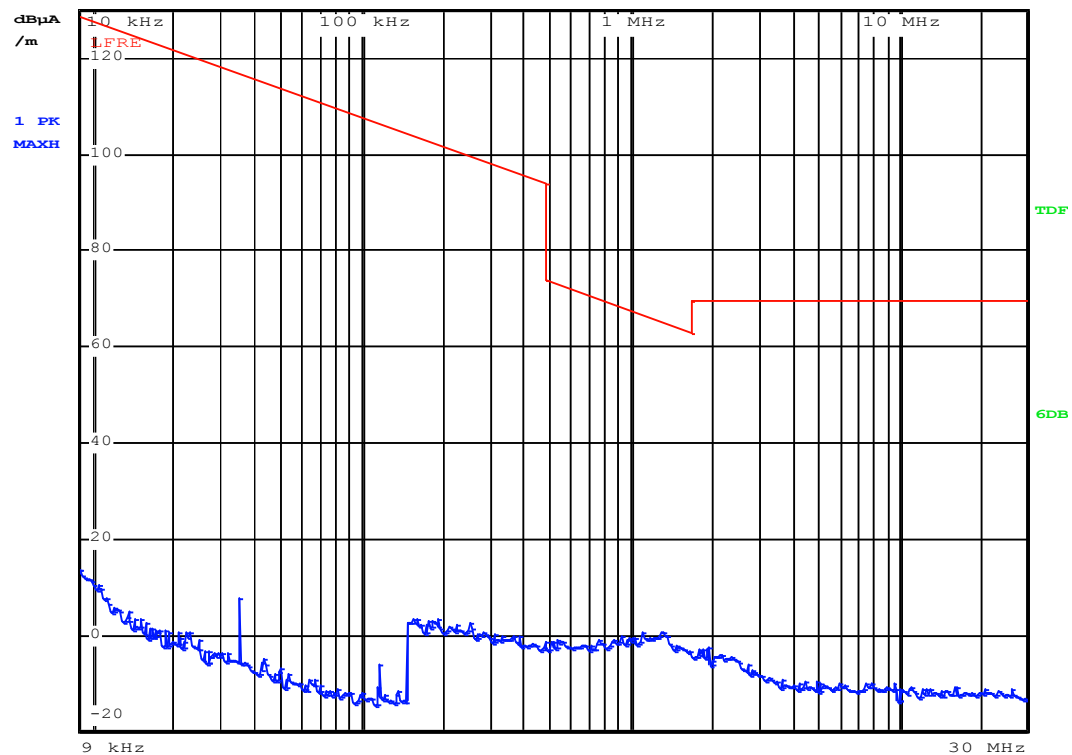
Date: 12.MAY.2014 03:14:52

High Channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 12.MAY.2014 03:17:01



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.: PHY #1569

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

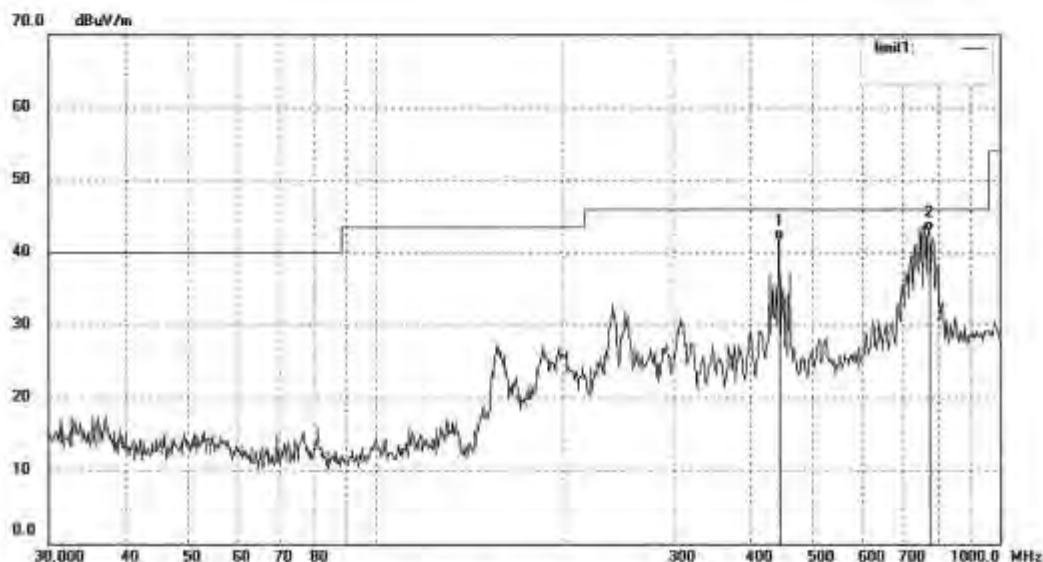
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.3279	47.53	-5.86	41.67	46.00	-4.33	QP			
2	766.0700	43.77	-0.77	43.00	46.00	-3.00	QP			



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1570

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

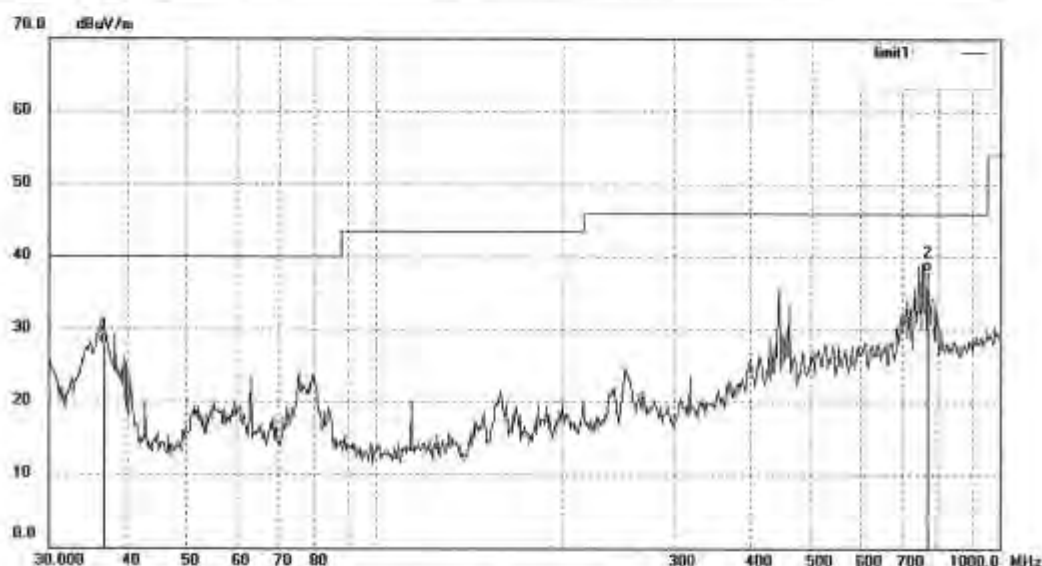
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.7811	38.73	-10.82	27.91	40.00	-12.09	QP			
2	765.7158	38.88	-0.77	38.11	46.00	-7.89	QP			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1571

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2441MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

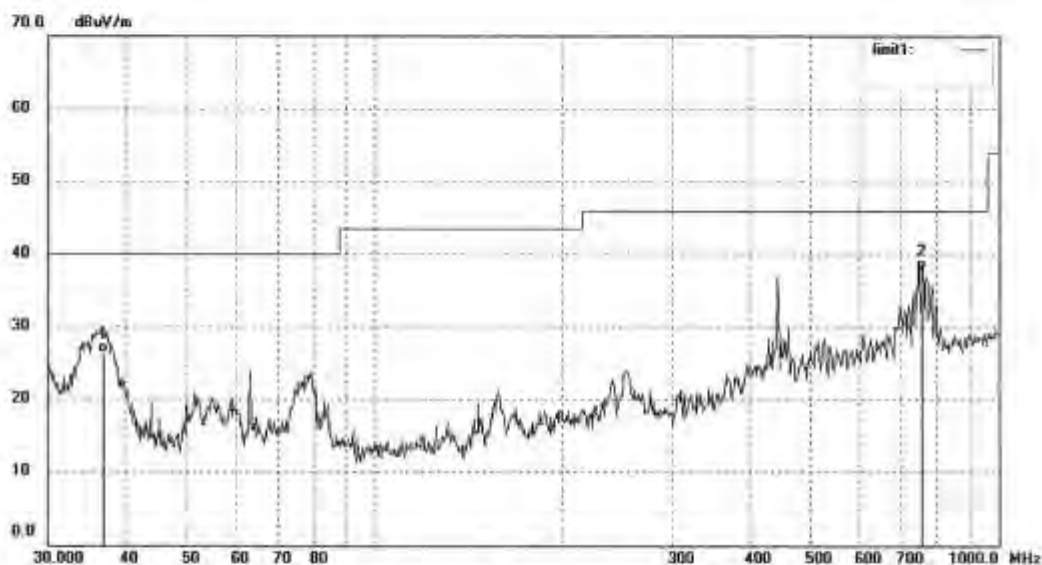
Date: 14/05/14/

Time

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.9003	37.27	-10.85	26.42	40.00	-13.58	QP			
2	751.3387	38.92	-1.01	37.91	46.00	-8.09	QP			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1572

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2441MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

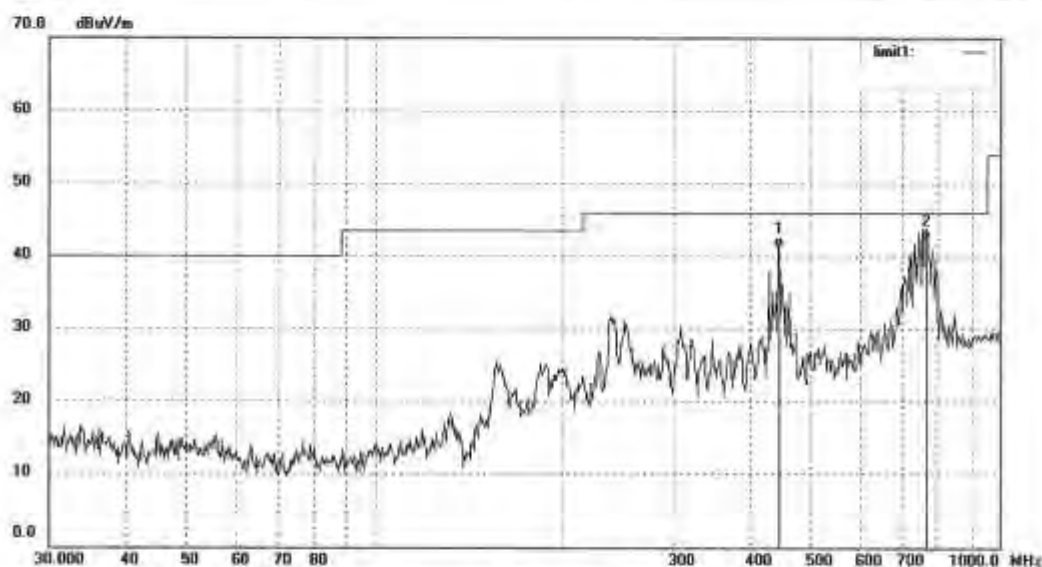
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Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.5209	47.09	-5.85	41.24	46.00	-4.76	QP			
2	766.1442	43.11	-0.76	42.35	46.00	-3.65	QP			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1573

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

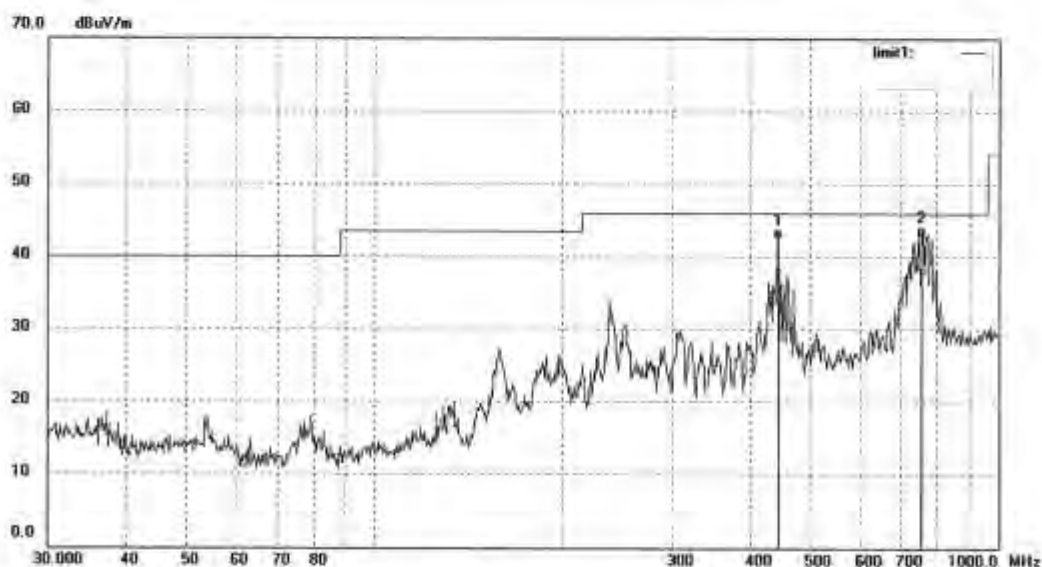
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.5748	48.35	-5.85	42.50	46.00	-3.50	QP			
2	751.2700	43.86	-1.01	42.85	46.00	-3.15	QP			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1574

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

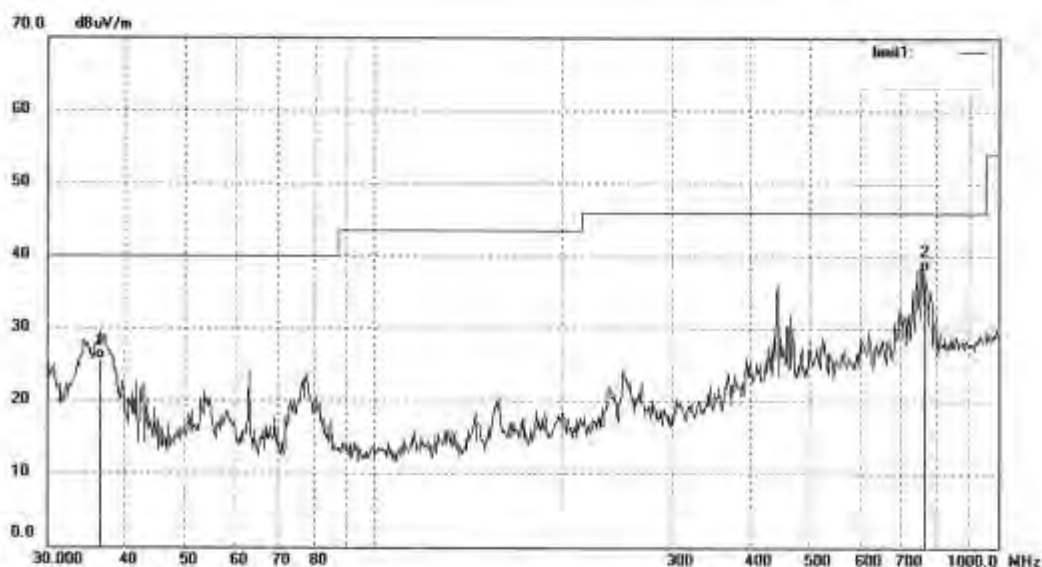
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.3954	36.39	-10.73	25.66	40.00	-14.34	QP			
2	766.1132	38.85	-0.76	38.09	46.00	-7.91	QP			

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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: PHY #1450

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

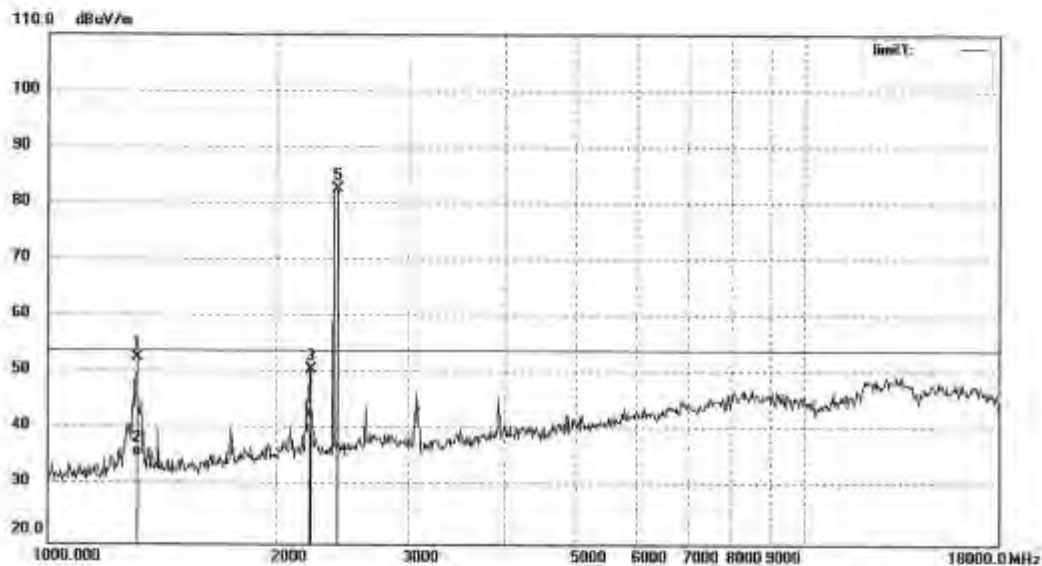
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1312.857	65.00	-12.17	52.83	74.00	-21.17	peak			
2	1312.857	47.27	-12.17	35.10	54.00	-18.90	AVG			
3	2225.736	58.89	-8.16	50.73	74.00	-23.27	peak			
4	2225.736	47.52	-8.16	39.36	54.00	-14.64	AVG			
5	2402.000	90.13	-7.45	82.68	/	/	peak			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: PHY #1451

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

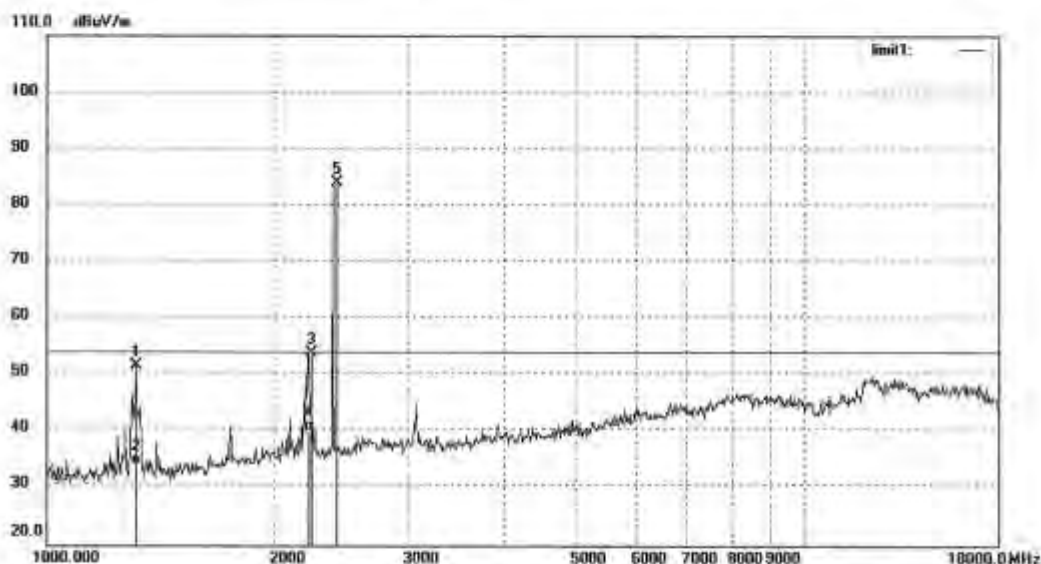
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.054	63.86	-12.17	51.69	74.00	-22.31	peak			
2	1313.054	46.14	-12.17	33.97	54.00	-20.03	AVG			
3	2227.040	62.04	-8.16	53.88	74.00	-20.12	peak			
4	2227.040	48.36	-8.16	40.20	54.00	-13.80	AVG			
5	2402.000	91.50	-7.45	84.05	/	/	peak			

Produkte
Products



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Site: 2# Chamber

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Job No.: PHY #1454

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2441MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

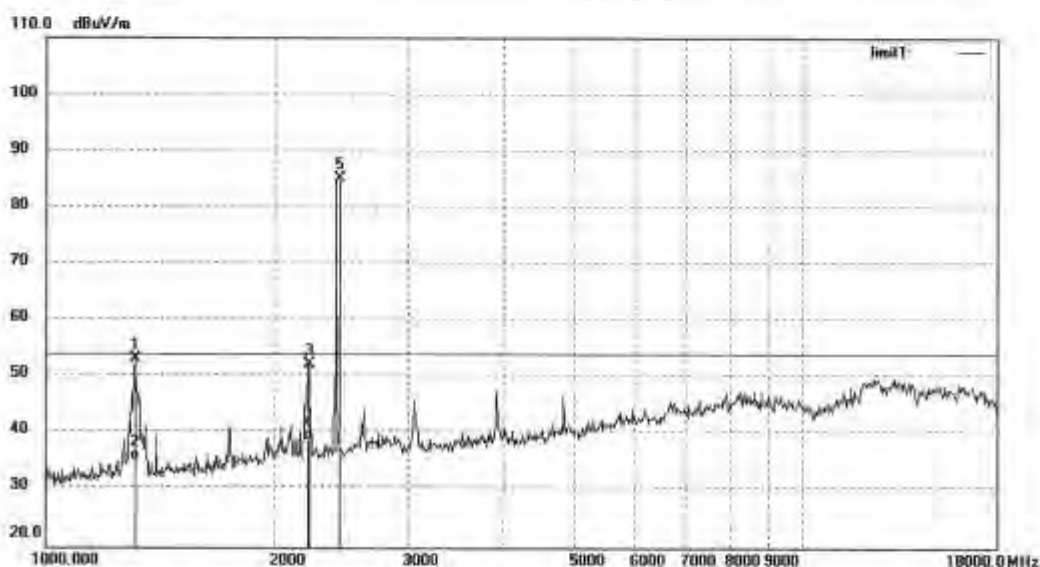
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.015	65.39	-12.17	53.22	74.00	-20.78	peak			
2	1313.015	47.41	-12.17	35.24	54.00	-18.76	AVG			
3	2228.819	60.49	-8.17	52.32	74.00	-21.68	peak			
4	2228.819	47.05	-8.17	38.88	54.00	-15.12	AVG			
5	2441.000	92.56	-7.35	85.21	/	/	peak			

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Tel:+86-0755-26503290

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Job No.: PHY #1455

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2441MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

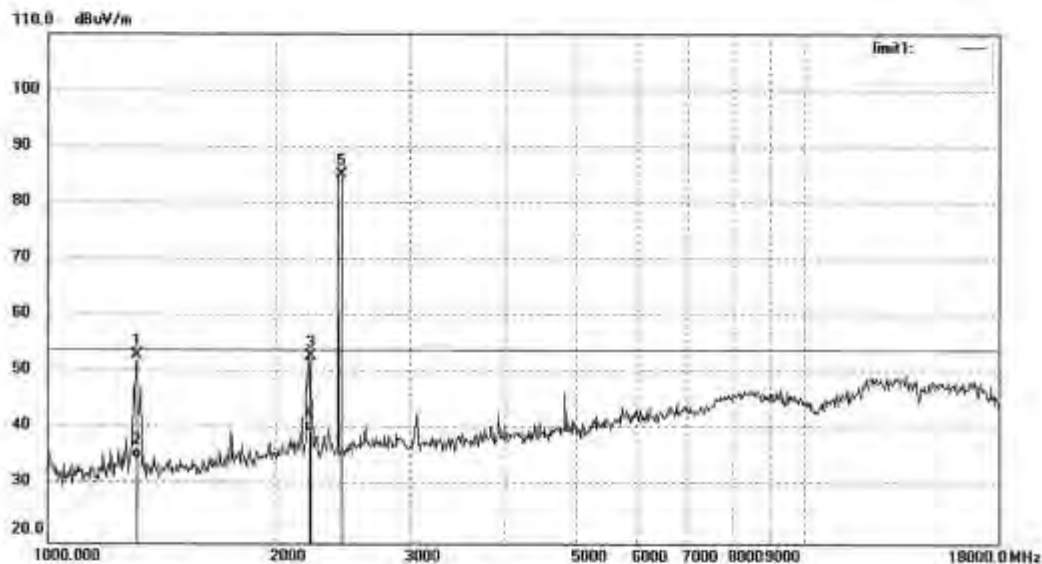
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1312.795	65.28	-12.17	53.11	74.00	-20.89	peak			
2	1312.795	47.01	-12.17	34.84	54.00	-19.16	AVG			
3	2226.877	81.17	-8.16	53.01	74.00	-20.99	peak			
4	2226.877	47.89	-8.16	39.73	54.00	-14.27	AVG			
5	2441.000	92.47	-7.35	85.12	/	/	peak			



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1456

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

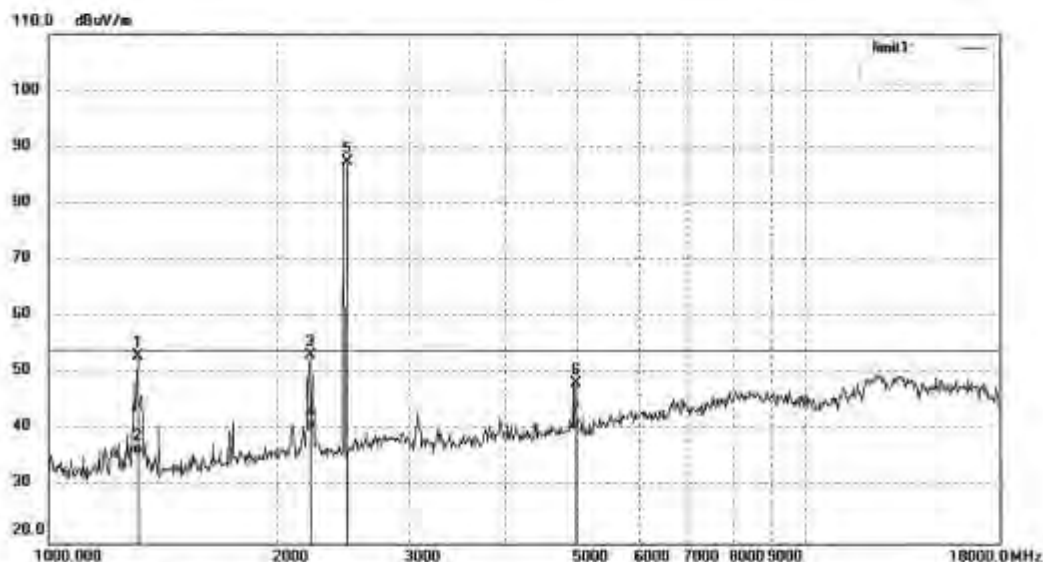
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.474	65.14	-12.17	52.97	74.00	-21.03	peak			
2	1313.474	47.87	-12.17	35.70	54.00	-18.30	AVG			
3	2225.950	61.46	-8.16	53.30	74.00	-20.70	peak			
4	2225.950	48.15	-8.16	39.99	54.00	-14.01	AVG			
5	2480.000	94.79	-7.37	87.42	/	/	peak			
6	4960.025	47.73	0.52	48.25	74.00	-25.75	peak			
7	4960.025	40.15	0.52	40.67	54.00	-13.33	AVG			

Produkte
Products



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

Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: PHY #1457

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

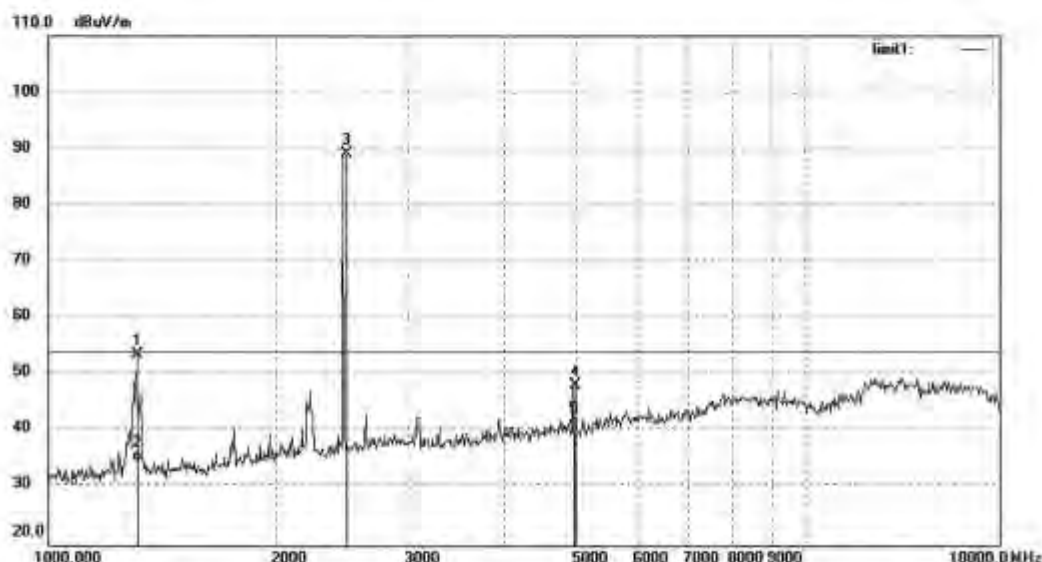
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1312.856	65.81	-12.17	53.64	74.00	-20.36	peak			
2	1312.856	46.83	-12.17	34.66	54.00	-19.34	AVG			
3	2480.000	96.51	-7.37	89.14	/	/	peak			
4	4960.300	47.80	0.52	48.32	74.00	-25.68	peak			
5	4960.300	40.35	0.52	40.87	54.00	-13.13	AVG			

Produkte
Products



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Site: 2# Chamber

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Job No.: PHY #1472

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

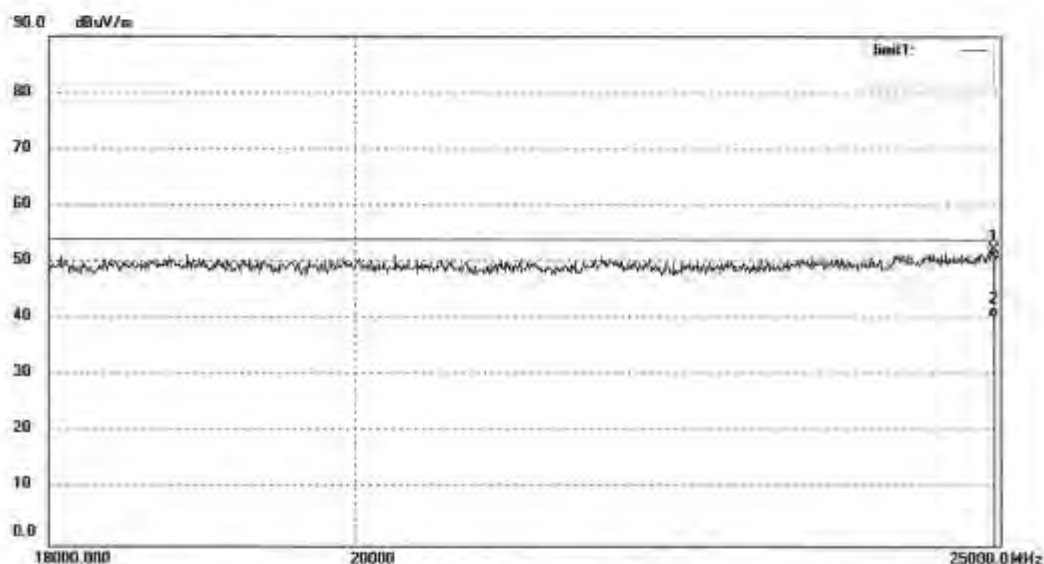
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24950.674	33.58	18.83	52.41	74.00	-21.59	peak			
2	24950.674	21.61	18.83	40.44	54.00	-13.56	AVG			

Produkte
Products



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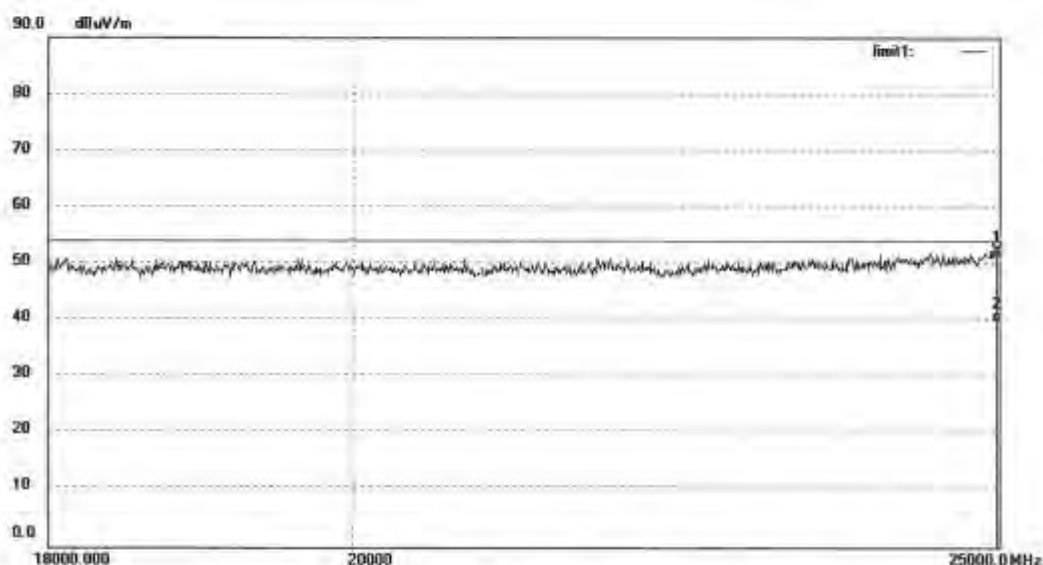
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1473	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24983.547	33.54	18.88	52.42	74.00	-21.58	peak			
2	24983.547	20.77	18.88	39.65	54.00	-14.35	AVG			

Produkte
Products



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Job No.: PHY #1474

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2441MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

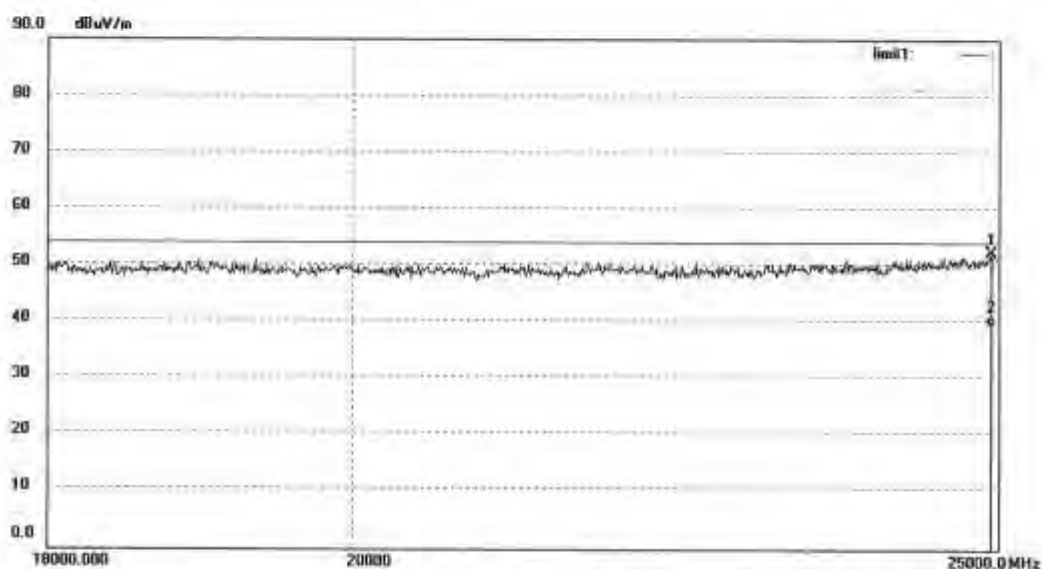
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24942.463	33.49	18.82	52.31	74.00	-21.69	peak			
2	24942.463	20.63	18.82	39.45	54.00	-14.55	AVG			

Produkte
Products



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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: PHY #1475

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2441MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

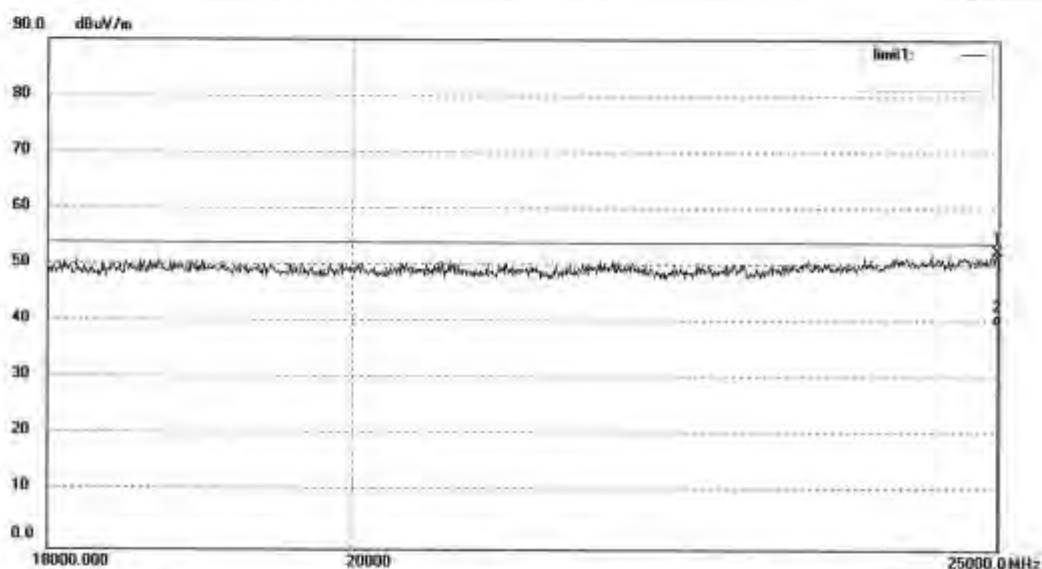
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24991.772	33.57	18.89	52.46	74.00	-21.54	peak			
2	24991.772	20.84	18.89	39.73	54.00	-14.27	AVG			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: PHY #1476

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum (%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

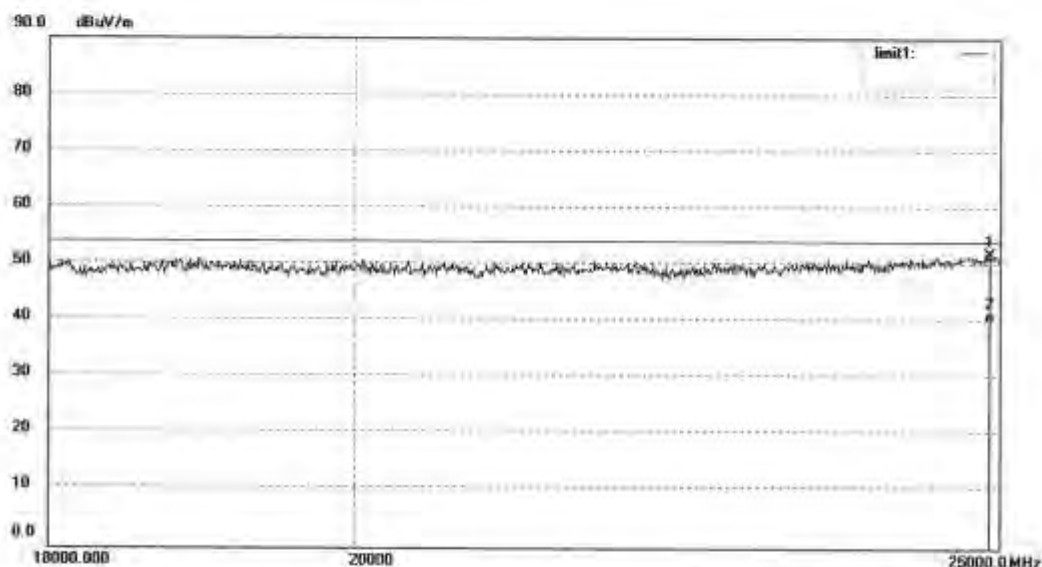
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24917.845	33.06	18.78	51.84	74.00	-22.16	peak			
2	24917.845	21.07	18.78	39.85	54.00	-14.15	AVG			

Produkte
Products



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Job No.: PHY #1477

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

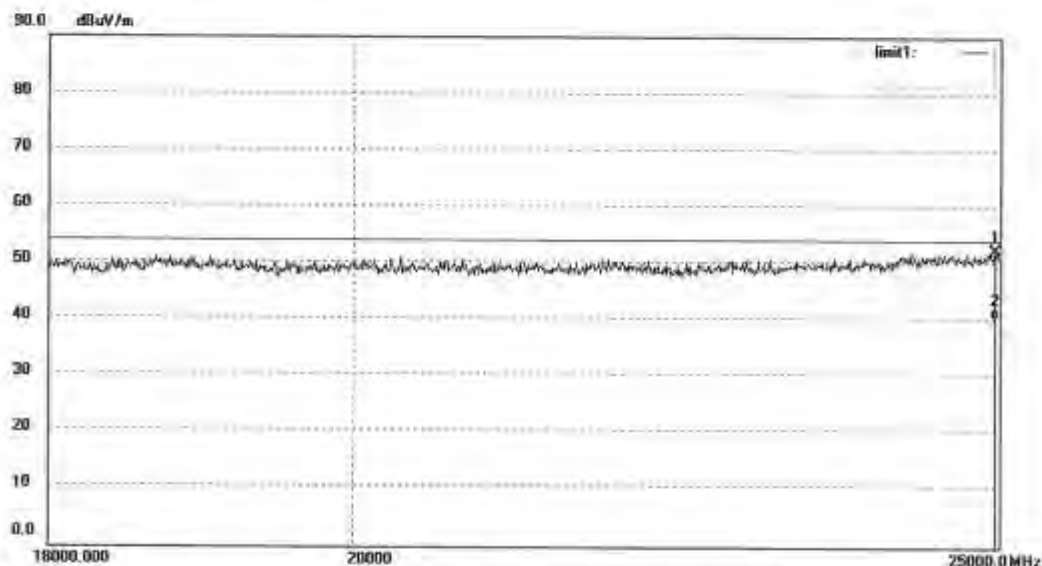
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

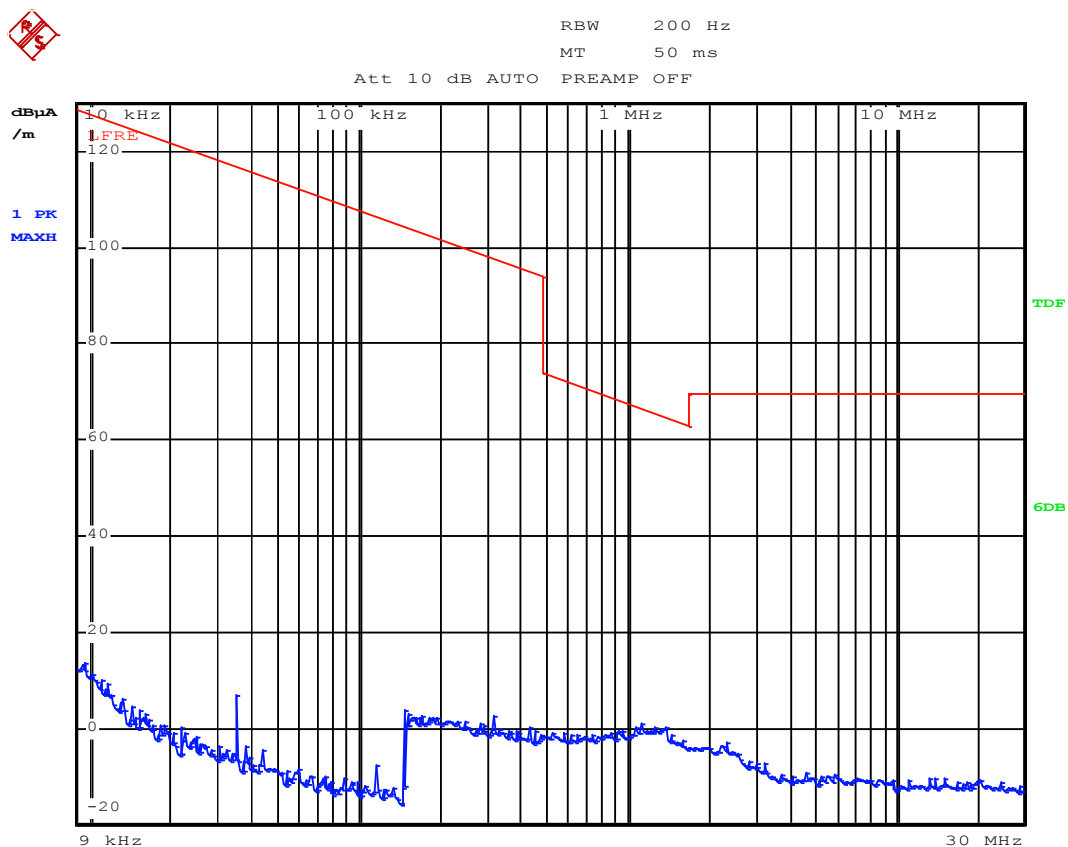
Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24958.889	33.43	18.84	52.27	74.00	-21.73	peak			
2	24958.889	21.62	18.84	40.46	54.00	-13.54	AVG			

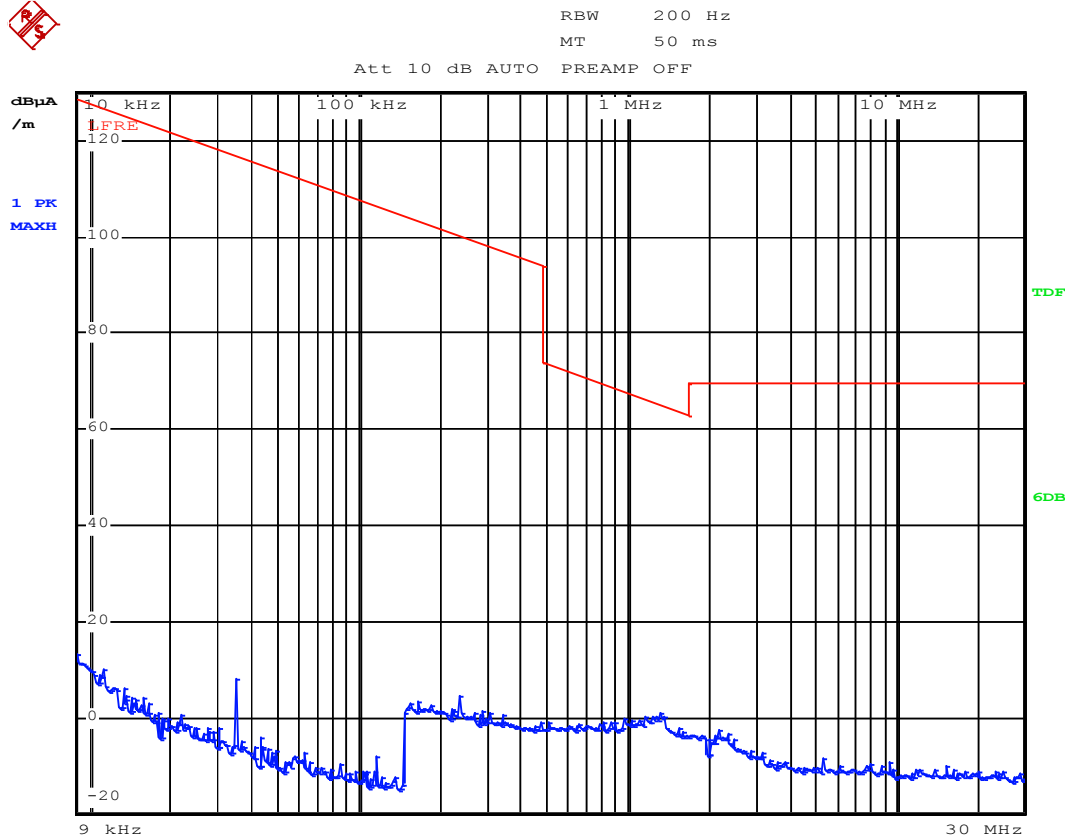
8 Test Plot of Spurious Emission of transmitting of Bluetooth LE mode

Low Channel, X direction



Date: 12.MAY.2014 03:37:54

Low Channel, Y direction



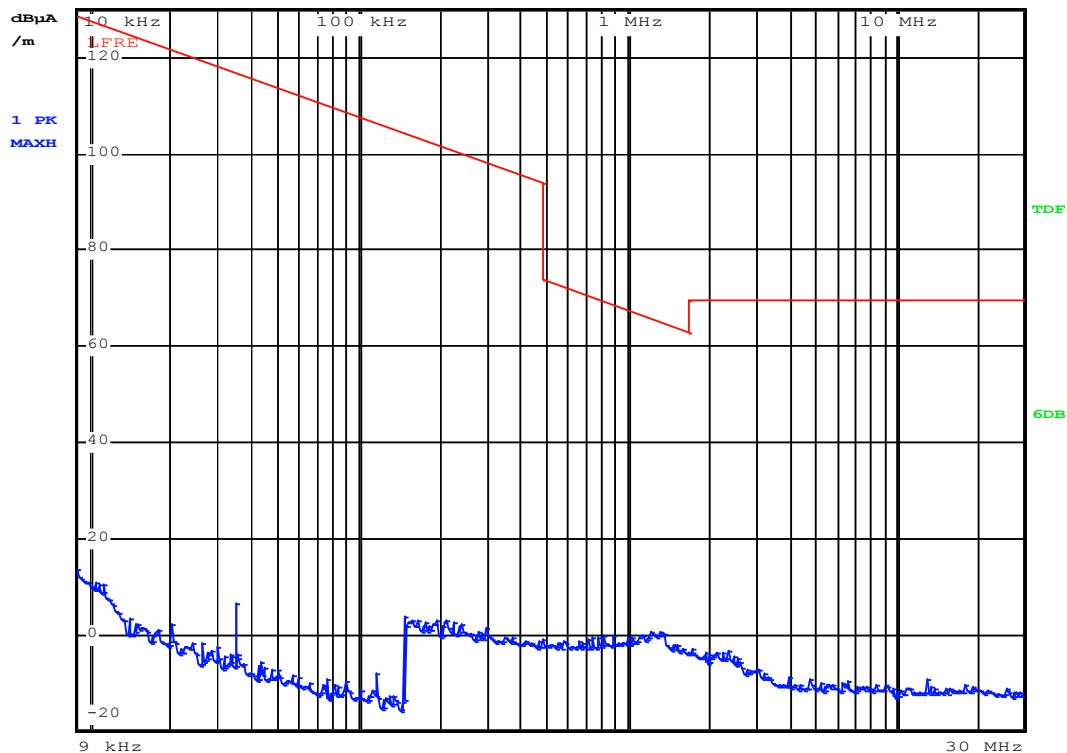
Date: 12.MAY.2014 03:40:04

Low Channel, Z direction



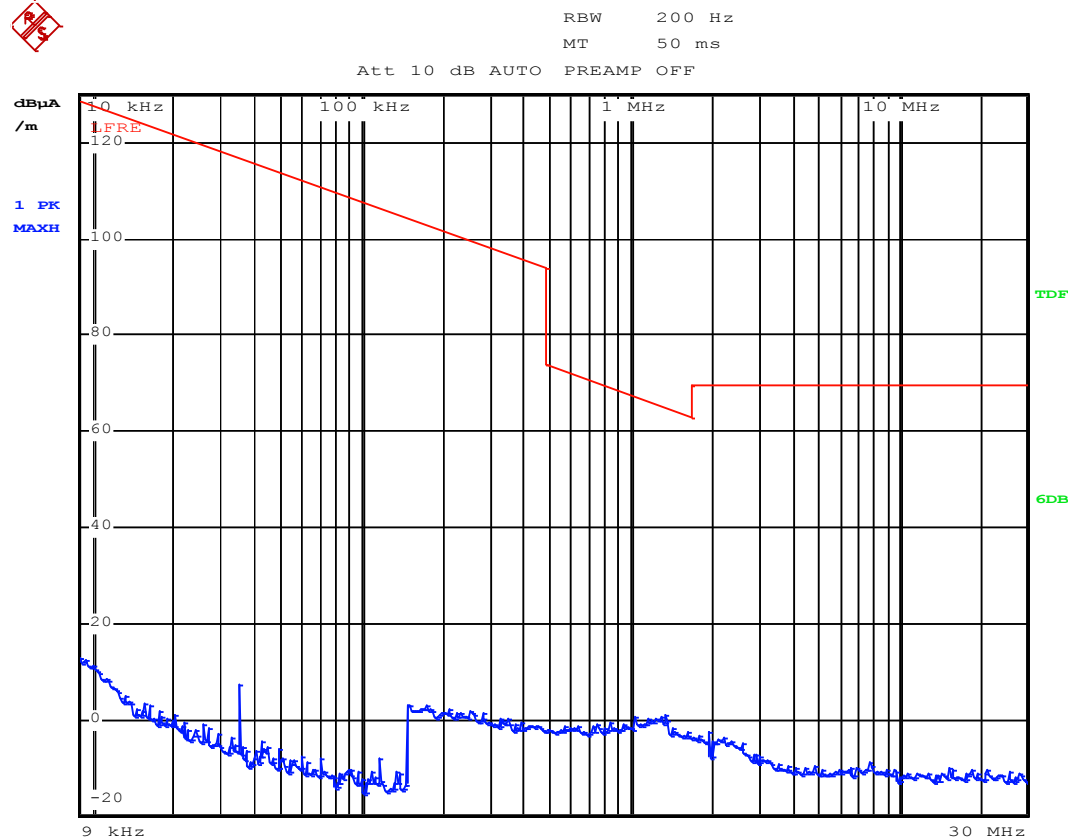
RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 12.MAY.2014 03:42:06

Middle Channel, X direction



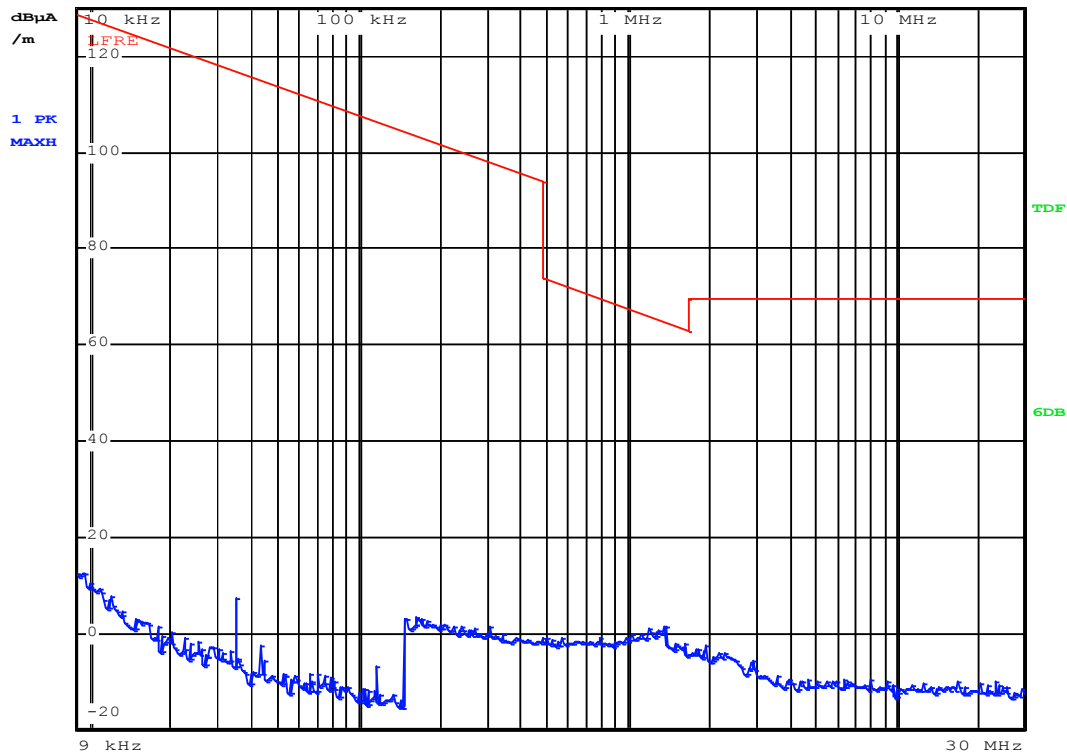
Date: 12.MAY.2014 03:44:08

Middle Channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



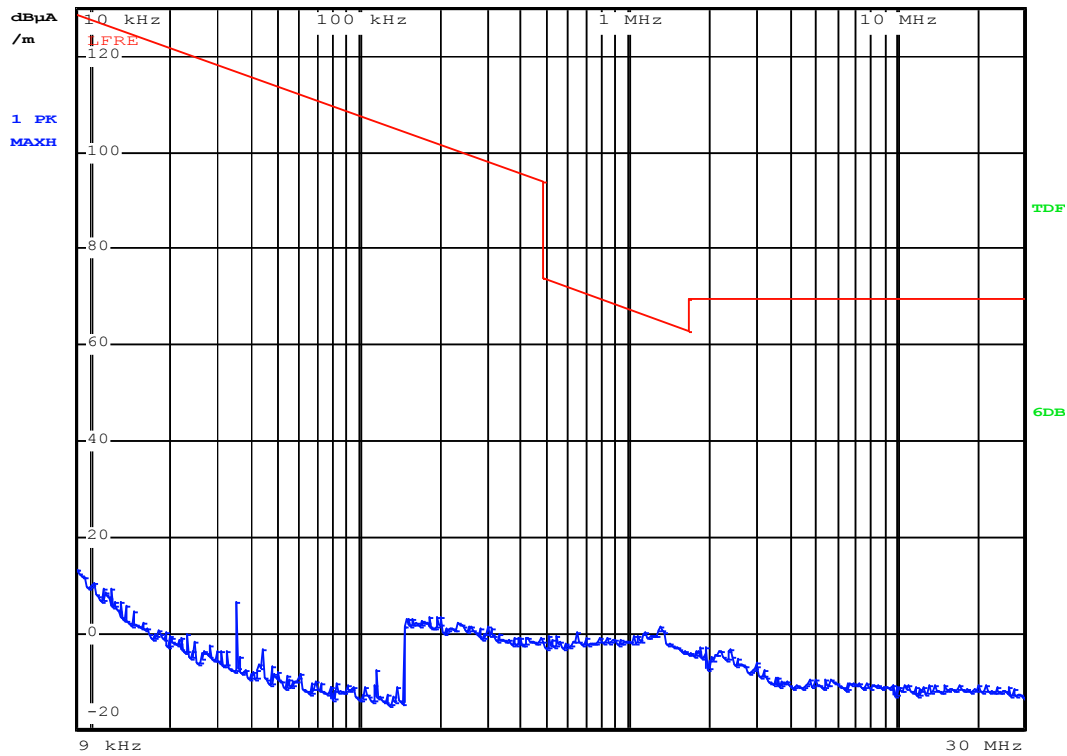
Date: 12.MAY.2014 03:46:08

Middle Channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



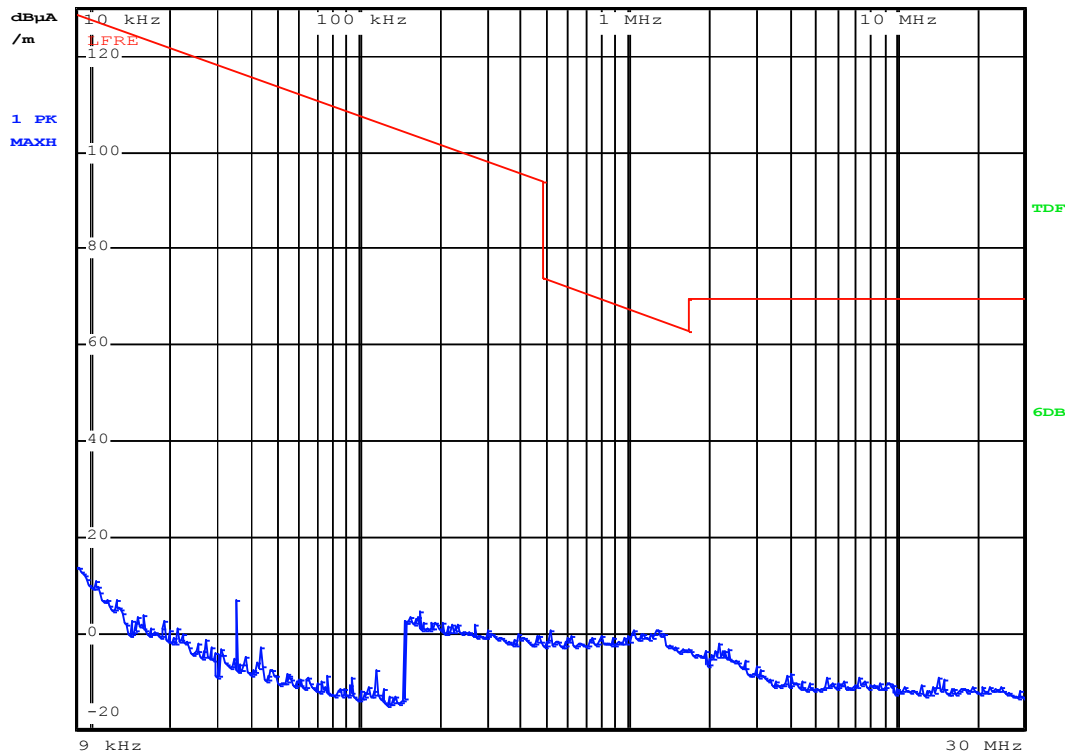
Date: 12.MAY.2014 03:48:10

High Channel, X direction



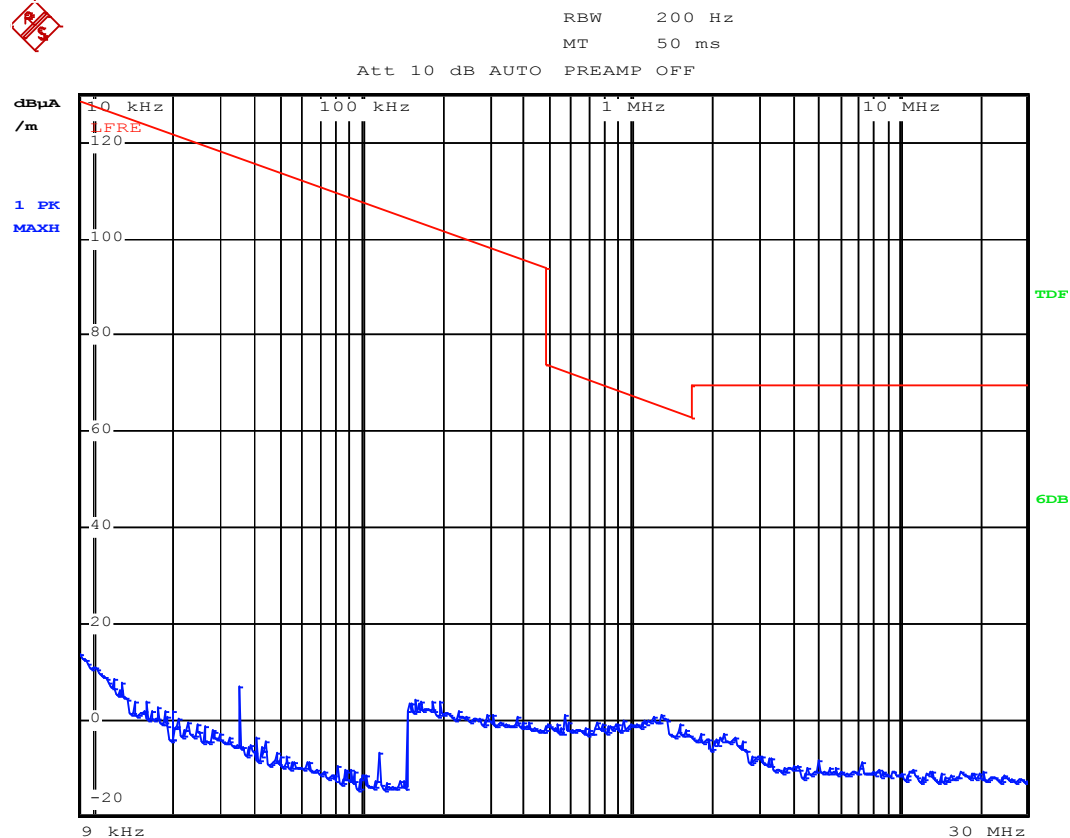
RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 12.MAY.2014 03:50:15

High Channel, Y direction



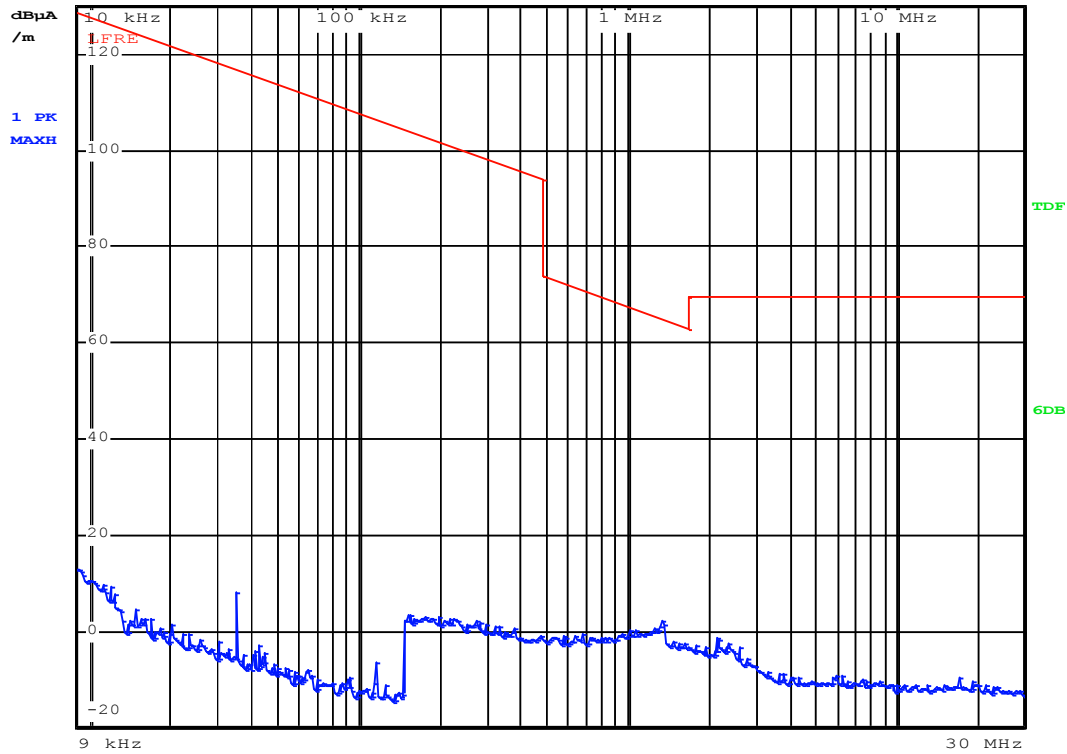
Date: 12.MAY.2014 03:52:37

High Channel, Z direction



RBW 9 kHz
MT 10 ms

Att 10 dB AUTO PREAMP OFF



Date: 12.MAY.2014 03:55:57



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1583

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

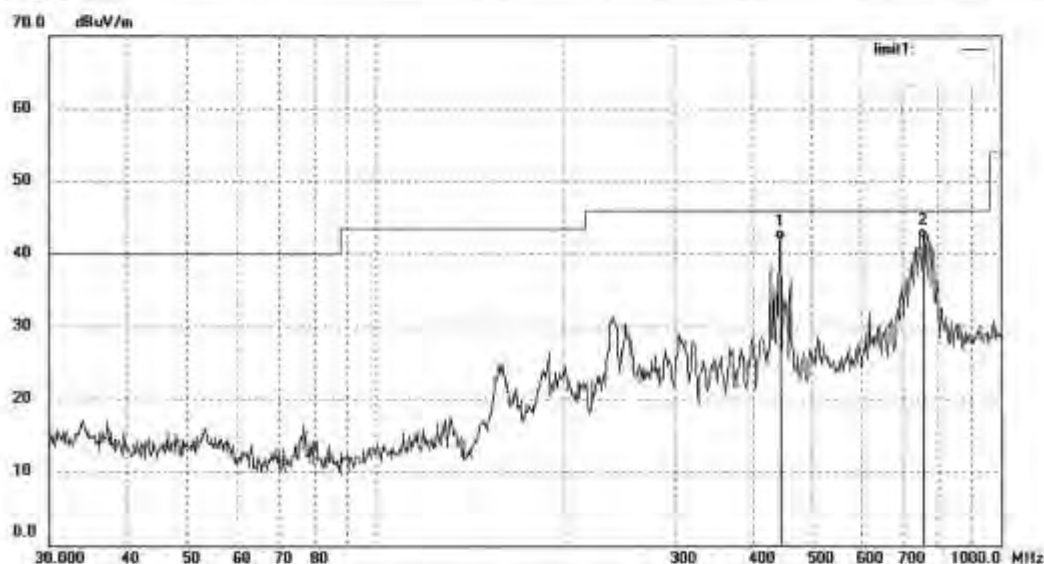
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.5979	47.71	-5.85	41.86	46.00	-4.14	QP			
2	752.5901	43.12	-1.00	42.12	46.00	-3.88	QP			

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Tel:+86-0755-26503290

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Job No.: PHY #1584

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

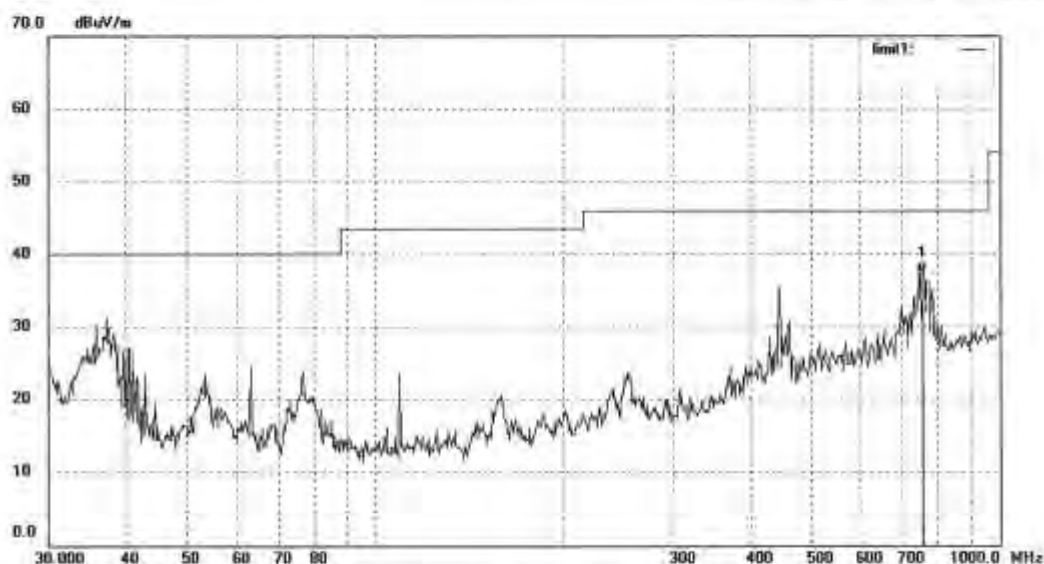
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	751.4781	38.61	-1.01	37.60	46.00	-8.40	QP			

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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No: PHY #1585

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2440MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

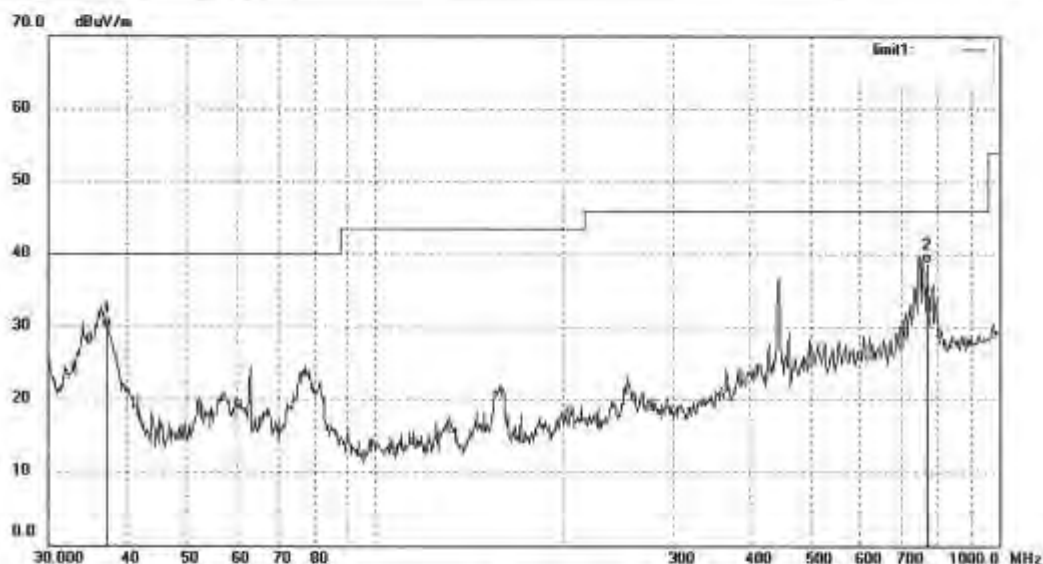
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	37.5814	40.82	-11.00	29.82	40.00	-10.18	QP			
2	766.8700	39.48	-0.75	38.73	46.00	-7.27	QP			

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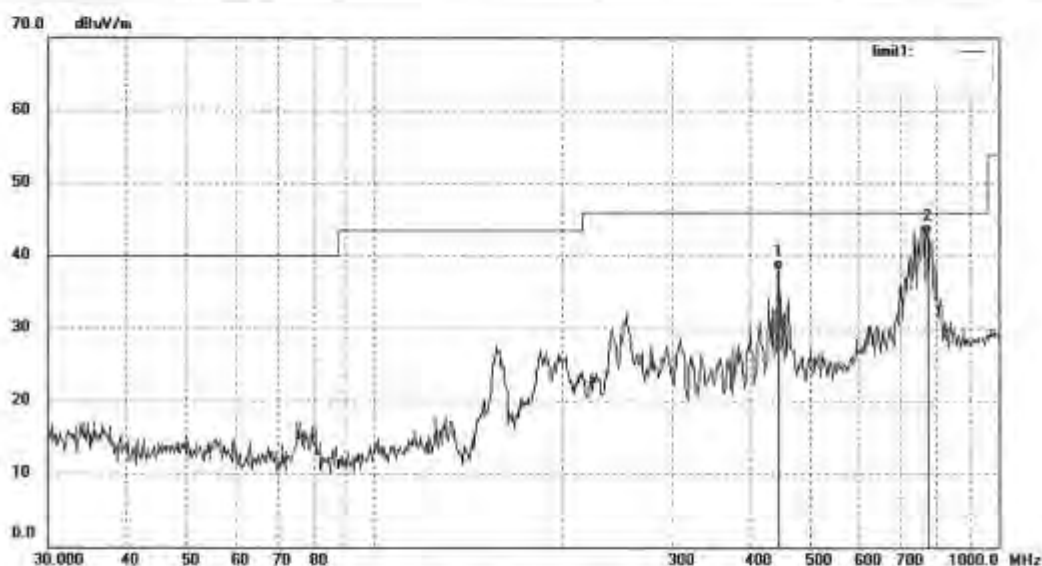
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1586
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2440MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature:
Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.6281	43.92	-5.85	38.07	46.00	-7.93	QP			
2	767.6410	43.71	-0.74	42.97	46.00	-3.03	QP			



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Fax:+86-0755-26503396

Job No.: PHY #1587

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

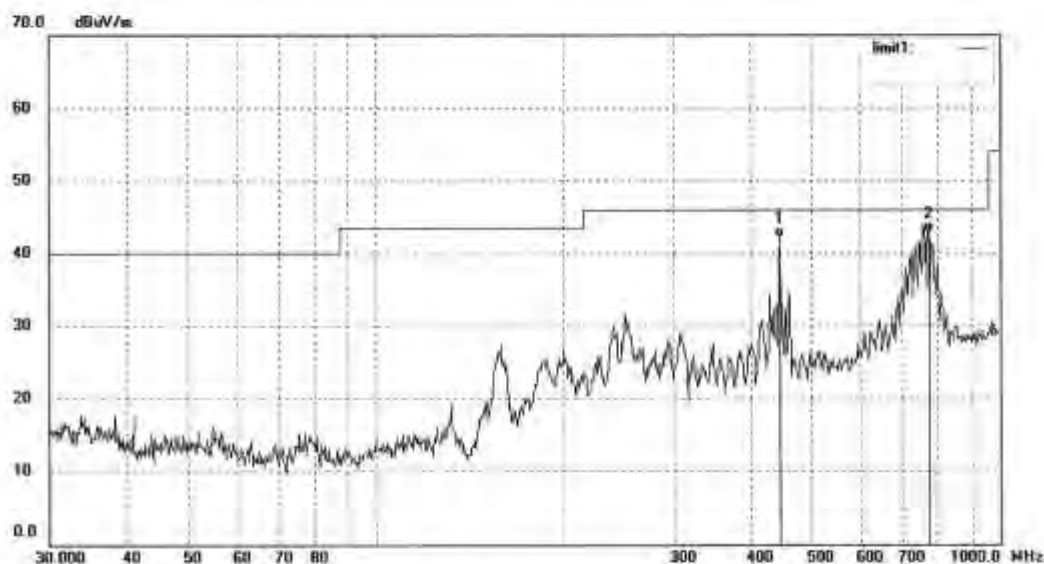
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.3535	47.89	-5.86	42.03	46.00	-3.97	QP			
2	767.1540	43.57	-0.75	42.82	46.00	-3.18	QP			

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Tel:+86-0755-26503290

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Job No.: PHY #1588

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

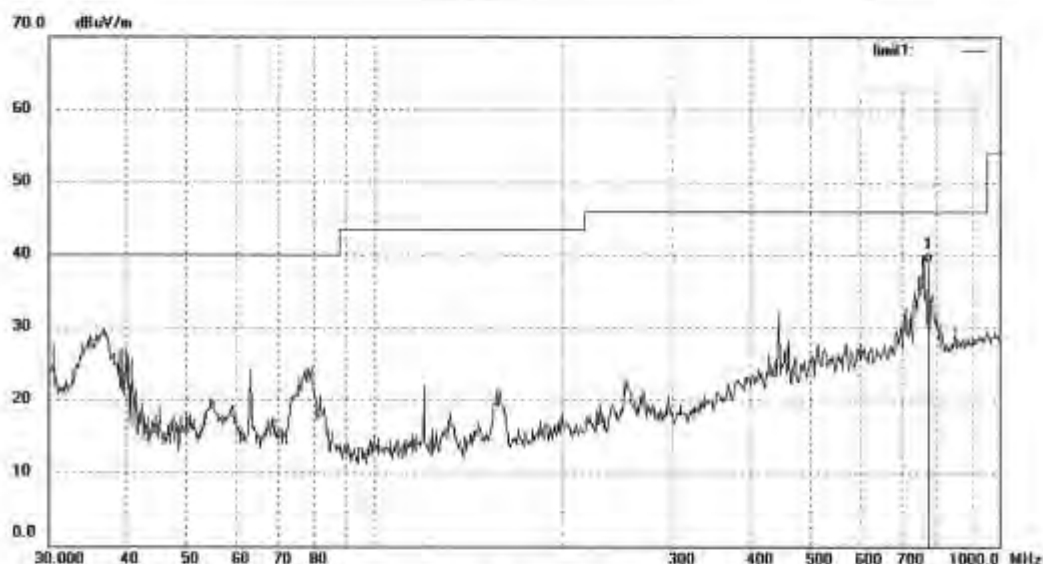
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	766.4120	39.73	-0.75	38.98	46.00	-7.02	QP			

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Job No.: PHY #1490

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

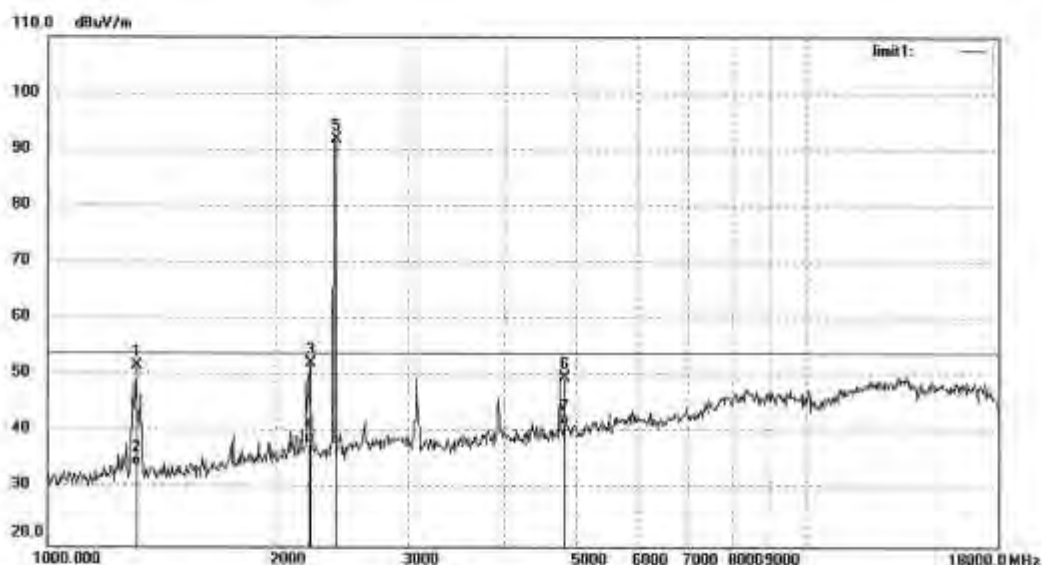
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1312.835	64.07	-12.17	51.90	74.00	-22.10	peak			
2	1312.835	46.24	-12.17	34.07	54.00	-19.93	AVG			
3	2226.663	80.36	-8.16	52.20	74.00	-21.80	peak			
4	2226.663	46.19	-8.16	38.03	54.00	-15.97	AVG			
5	2402.000	99.38	-7.45	91.93	/	/	peak			
6	4804.035	50.08	-0.30	49.78	74.00	-24.22	peak			
7	4804.035	41.88	-0.30	41.58	54.00	-12.42	AVG			



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Site: 2# Chamber

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Job No.: PHY #1491

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

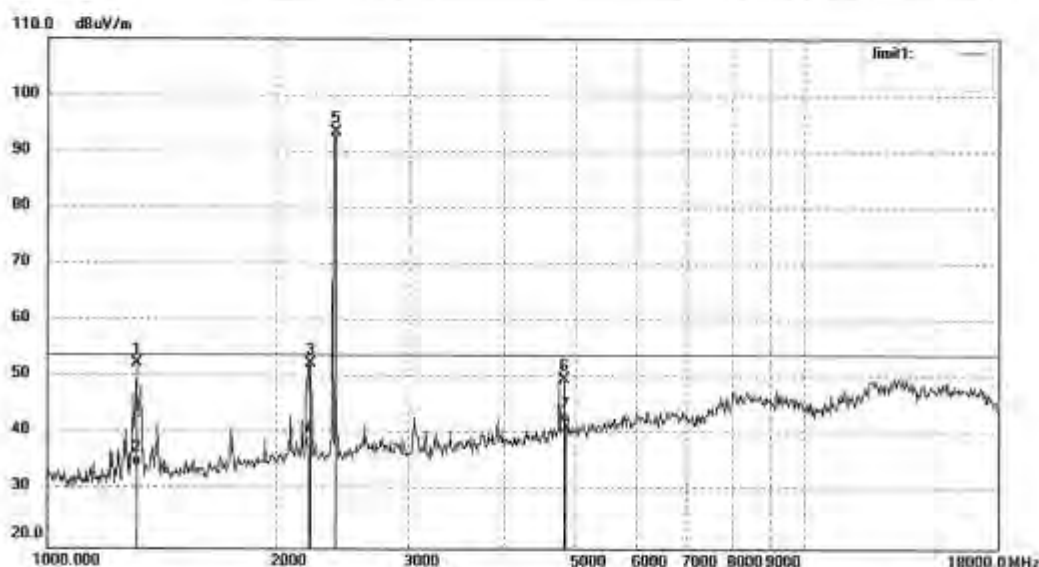
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.221	64.77	-12.17	52.60	74.00	-21.40	peak			
2	1313.221	46.45	-12.17	34.28	54.00	-19.72	AVG			
3	2227.211	60.59	-8.16	52.43	74.00	-21.57	peak			
4	2227.211	45.76	-8.16	37.60	54.00	-16.40	AVG			
5	2402.000	100.83	-7.45	93.38	/	/	peak			
6	4804.040	50.22	-0.30	49.92	74.00	-24.08	peak			
7	4804.040	42.39	-0.30	42.09	54.00	-11.91	AVG			

Produkte
Products



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Fax:+86-0755-26503396

Job No.: PHY #1494

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2440MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

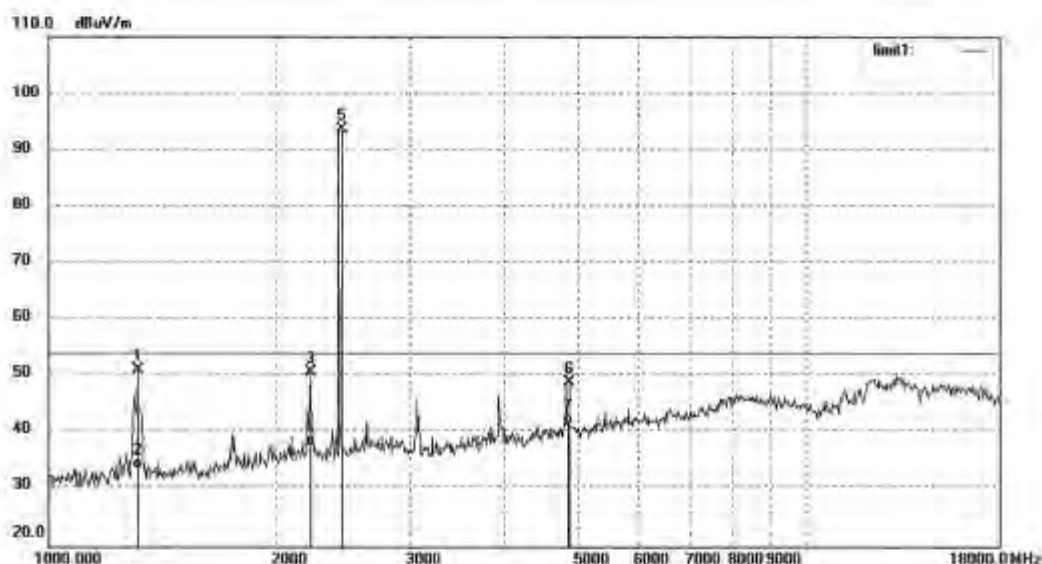
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.053	63.27	-12.17	51.10	74.00	-22.90	peak			
2	1313.053	45.77	-12.17	33.60	54.00	-20.40	AVG			
3	2225.989	58.85	-8.16	50.69	74.00	-23.31	peak			
4	2225.989	45.80	-8.16	37.64	54.00	-16.36	AVG			
5	2440.000	100.97	-7.36	93.61	/	/	peak			
6	4880.035	48.71	0.13	48.84	74.00	-25.16	peak			
7	4880.035	41.42	0.13	41.55	54.00	-12.45	AVG			



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Fax:+86-0755-26503396

Job No.: PHY #1495

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2440MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

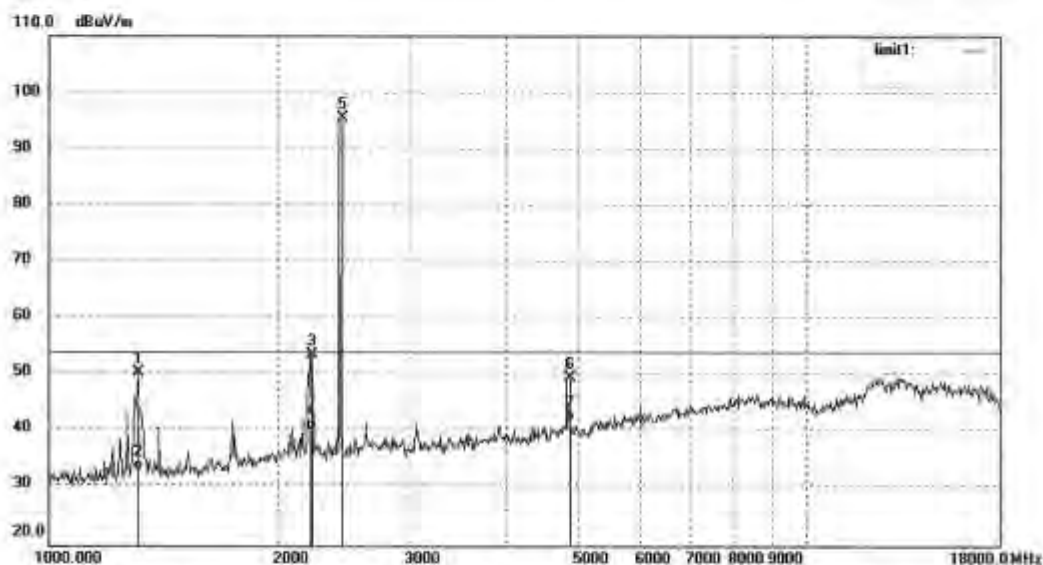
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1312.885	62.68	-12.17	50.51	74.00	-23.49	peak			
2	1312.885	45.28	-12.17	33.11	54.00	-20.89	AVG			
3	2225.963	61.87	-8.16	53.71	74.00	-20.29	peak			
4	2225.963	48.45	-8.16	40.29	54.00	-13.71	AVG			
5	2440.000	102.81	-7.36	95.45	/	/	peak			
6	4880.030	49.38	0.13	49.51	74.00	-24.49	peak			
7	4880.030	41.74	0.13	41.87	54.00	-12.13	AVG			



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Job No.: PHY #1496

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

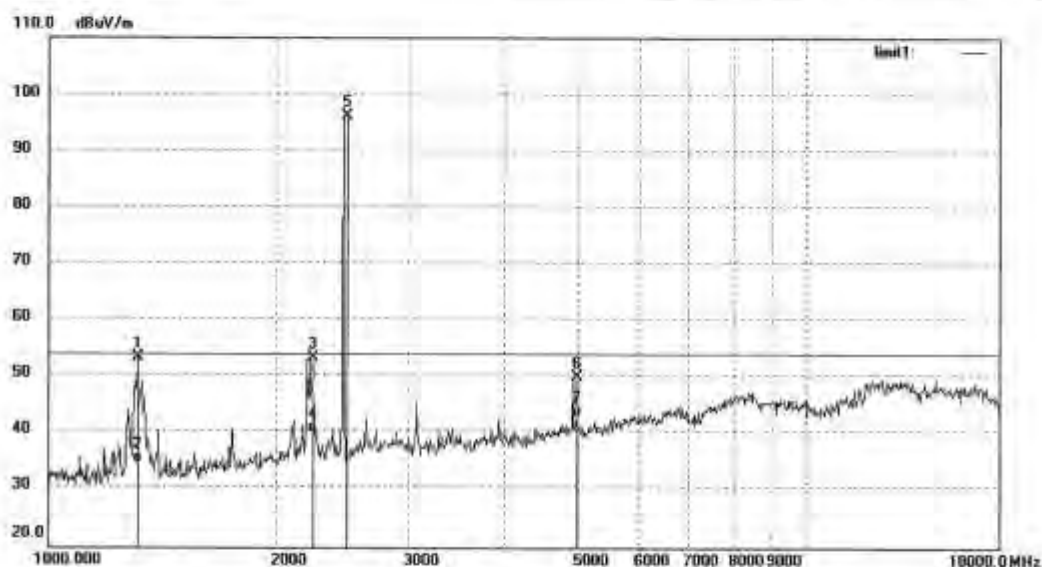
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.353	65.58	-12.17	53.41	74.00	-20.59	peak			
2	1313.353	46.98	-12.17	34.81	54.00	-19.19	AVG			
3	2226.568	61.59	-8.16	53.43	74.00	-20.57	peak			
4	2226.568	48.26	-8.16	40.10	54.00	-13.90	AVG			
5	2480.000	103.58	-7.37	96.21	/	/	peak			
6	4960.037	49.55	0.52	50.07	74.00	-23.93	peak			
7	4960.037	42.45	0.52	42.97	54.00	-11.03	AVG			



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Job No.: PHY #1497

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

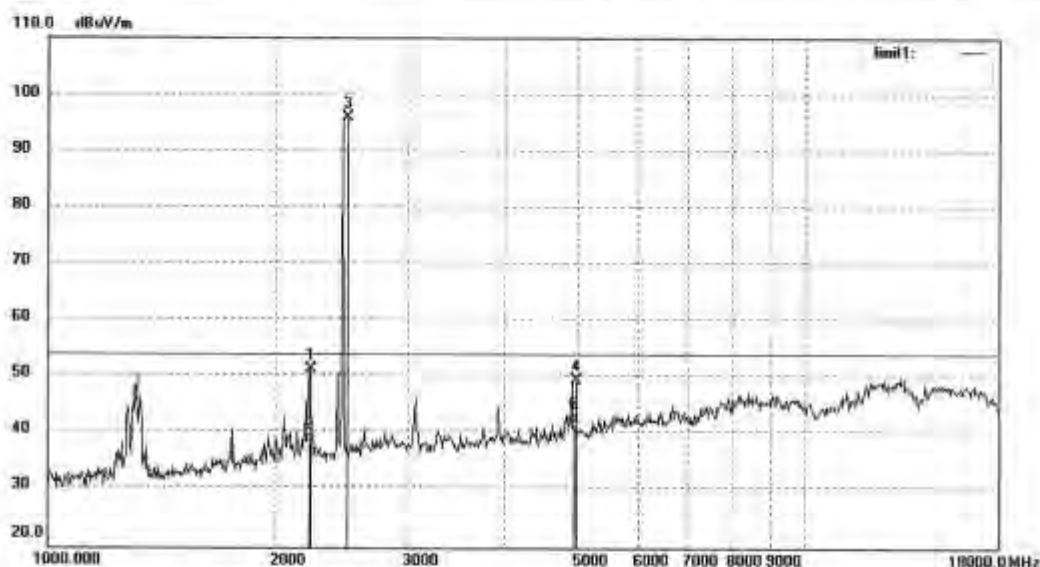
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2227.185	59.65	-8.16	51.49	74.00	-22.51	peak			
2	2227.185	46.45	-8.16	38.29	54.00	-15.71	AVG			
3	2480.000	103.24	-7.37	95.87	/	/	peak			
4	4960.026	49.06	0.52	49.58	74.00	-24.42	peak			
5	4960.026	41.48	0.52	42.00	54.00	-12.00	AVG			

Produkte
Products



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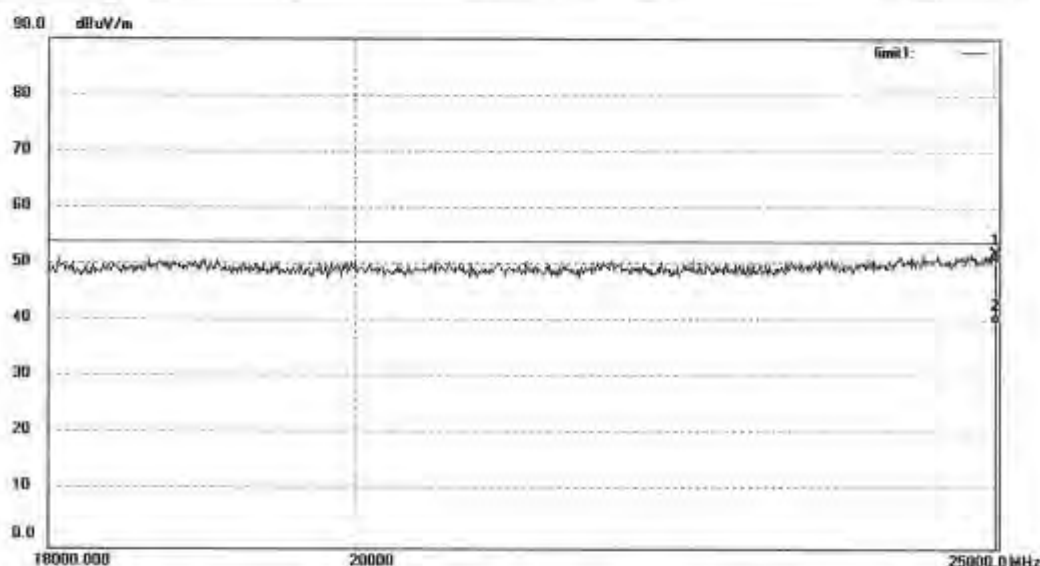
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1478	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	33.24	18.87	52.11	74.00	-21.89	peak			
2	24975.325	20.87	18.87	39.74	54.00	-14.26	AVG			

Produkte
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Site: 2# Chamber

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Job No.: PHY #1479

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2402MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

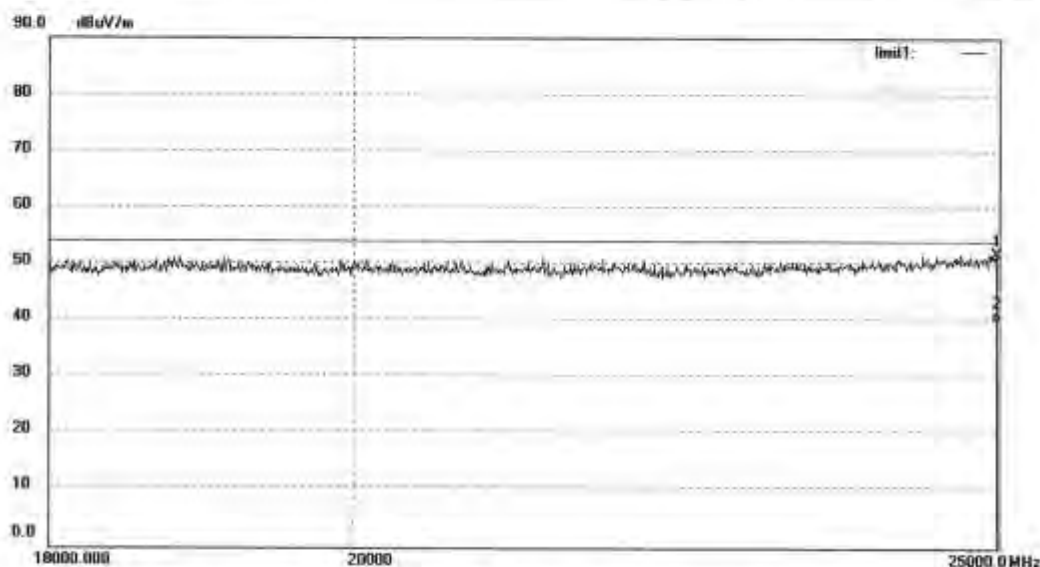
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24983.547	32.92	18.88	51.80	74.00	-22.20	peak			
2	24983.547	20.96	18.88	39.84	54.00	-14.16	AVG			

Produkte
Products



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.: PHY #1480

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2440MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

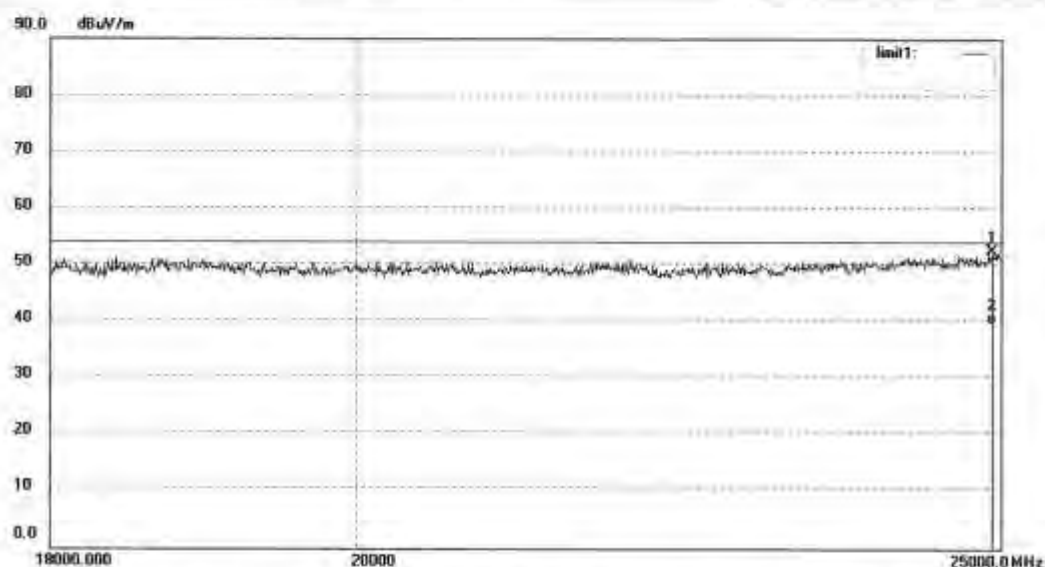
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24934.254	33.84	18.81	52.65	74.00	-21.35	peak			
2	24934.254	20.88	18.81	39.69	54.00	-14.31	AVG			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1481

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp (C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2440MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

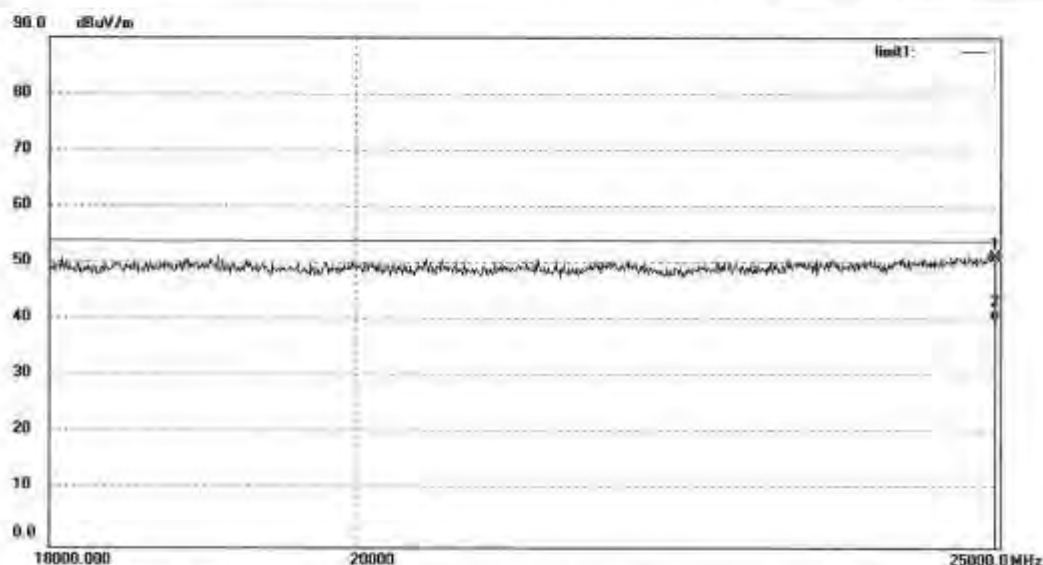
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24958.889	32.33	18.84	51.17	74.00	-22.83	peak			
2	24958.889	21.43	18.84	40.27	54.00	-13.73	AVG			

Produkte
Products



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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1482

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

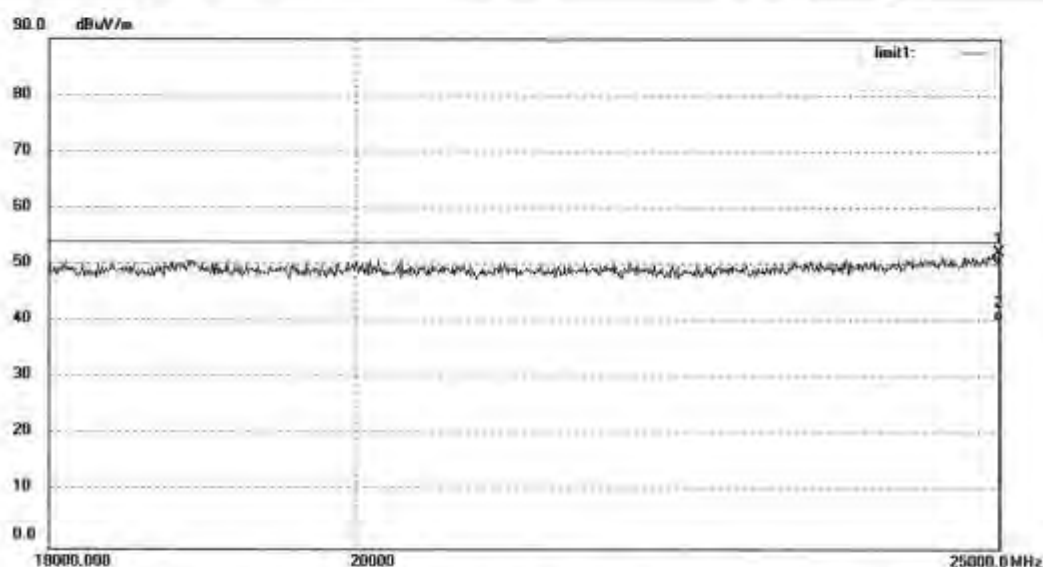
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24991.772	33.42	18.89	52.31	74.00	-21.69	peak			
2	24991.772	21.27	18.89	40.16	54.00	-13.84	AVG			



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Fax:+86-0755-26503396

Job No.: PHY #1483

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2480MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

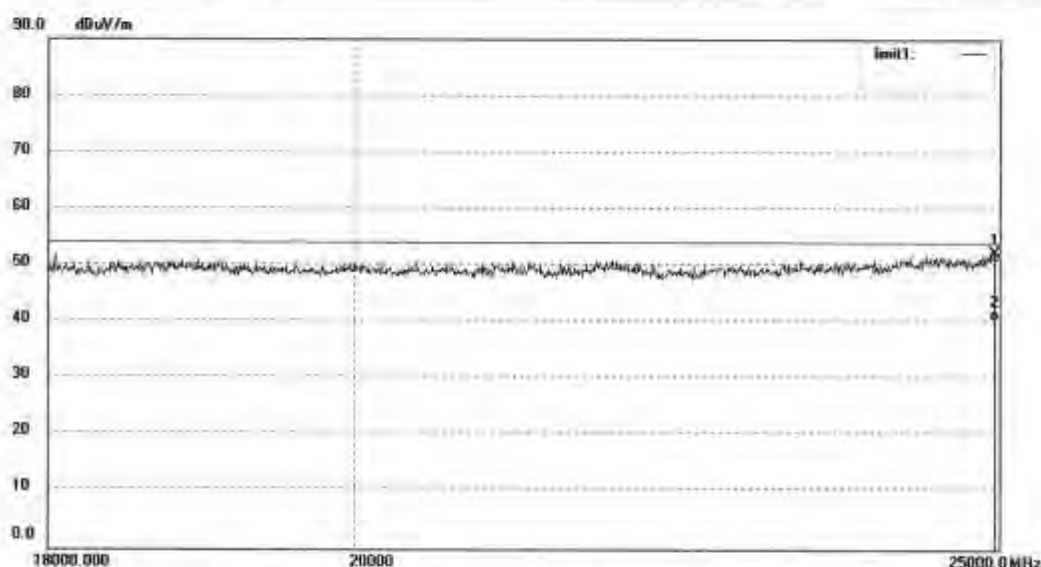
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

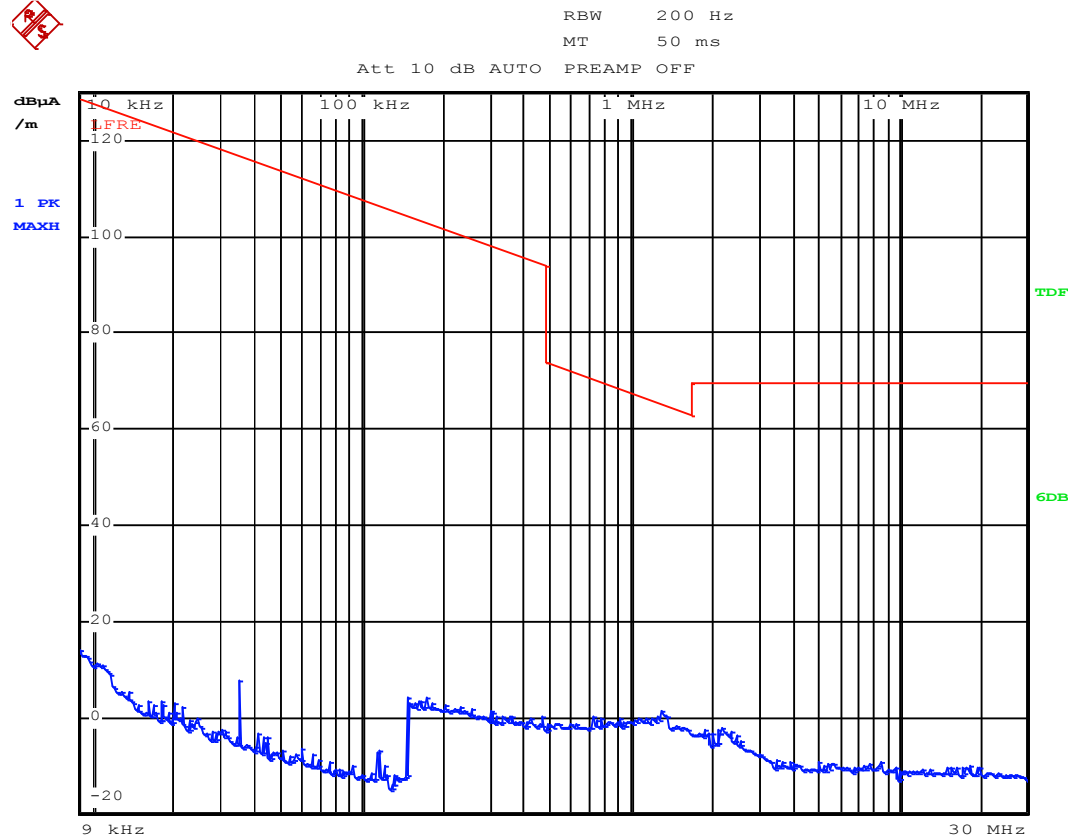
Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24958.889	33.38	18.84	52.22	74.00	-21.78	peak			
2	24958.889	21.52	18.84	40.36	54.00	-13.64	AVG			

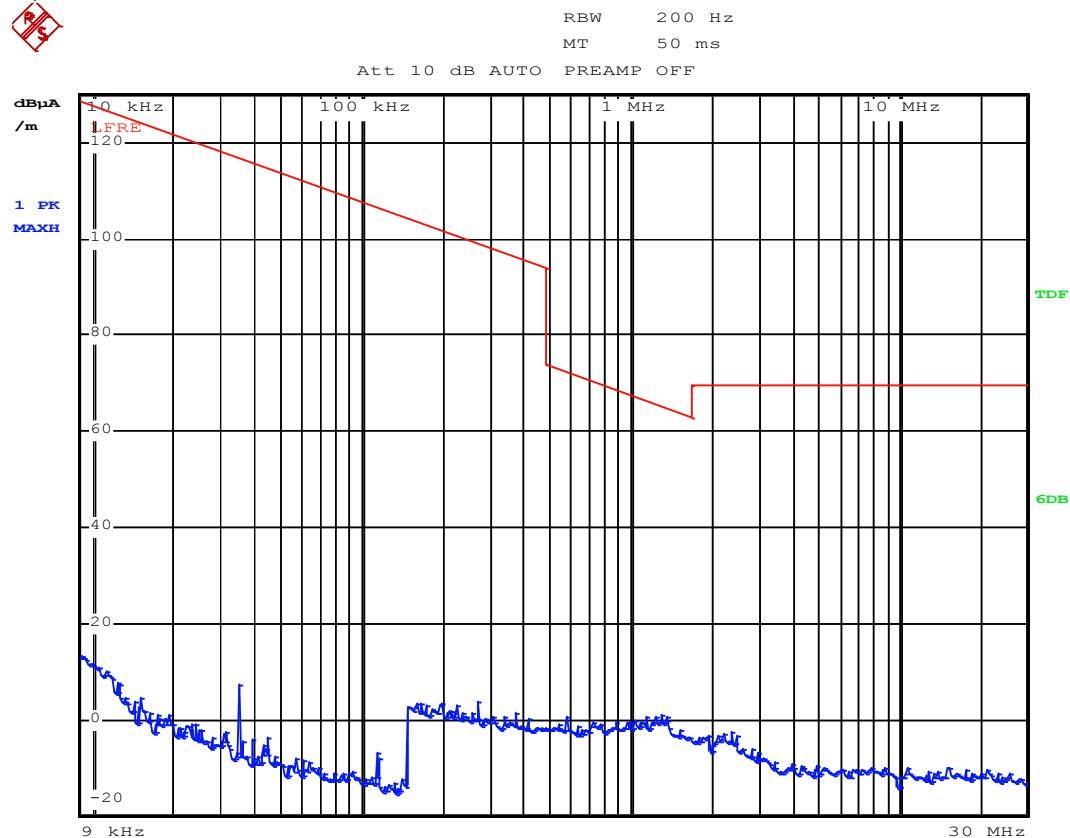
9 Test Plot of Spurious Emission of transmitting of 802.11 b mode

Low Channel, X direction



Date: 12.MAY.2014 04:21:17

Low Channel, Y direction



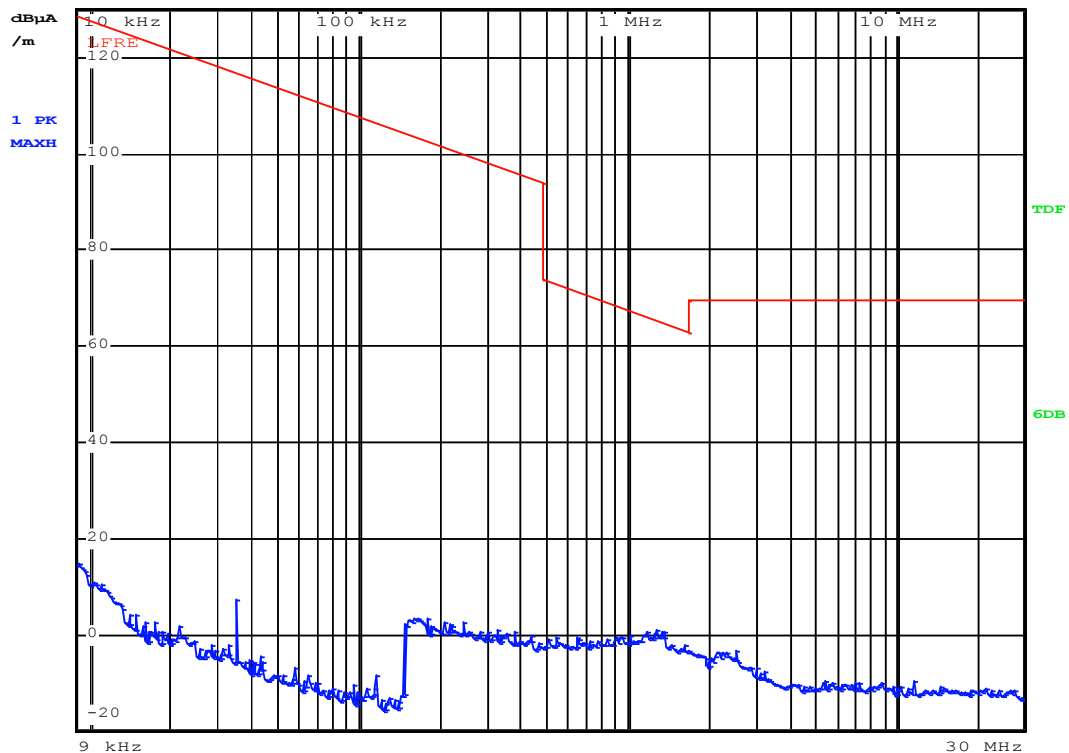
Date: 12.MAY.2014 04:23:17

Low Channel, Z direction



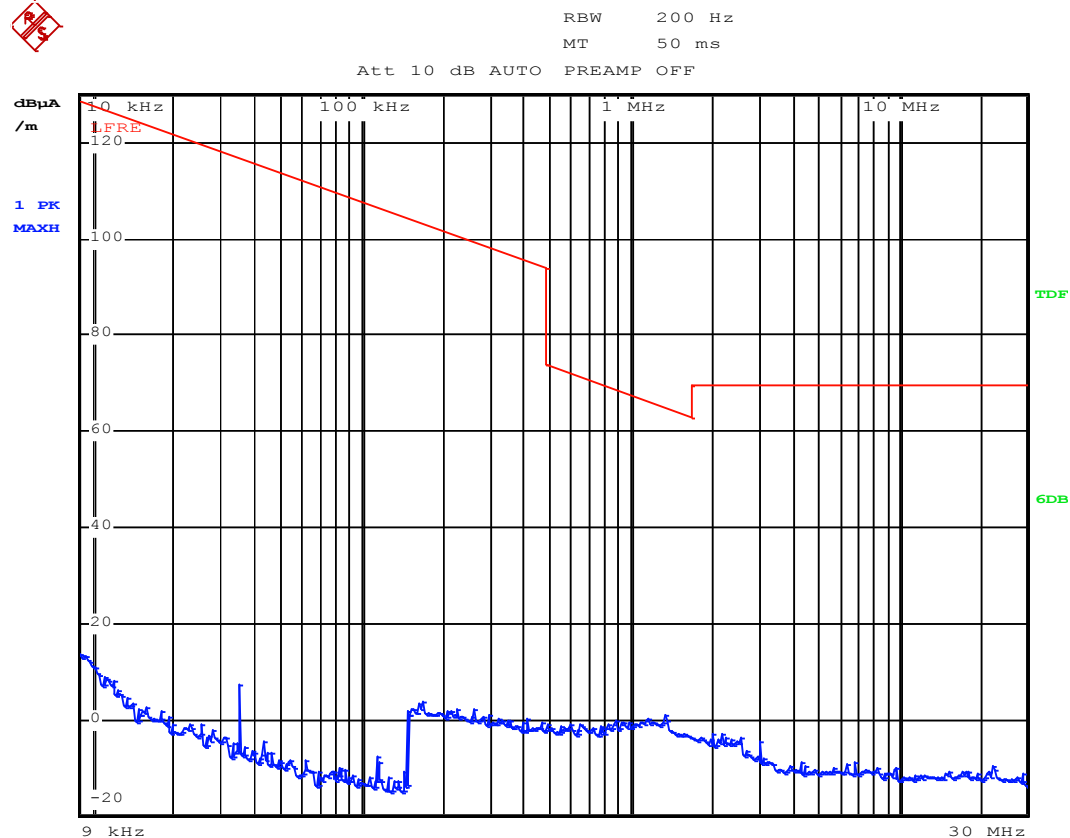
RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 12.MAY.2014 04:25:29

Middle Channel, X direction



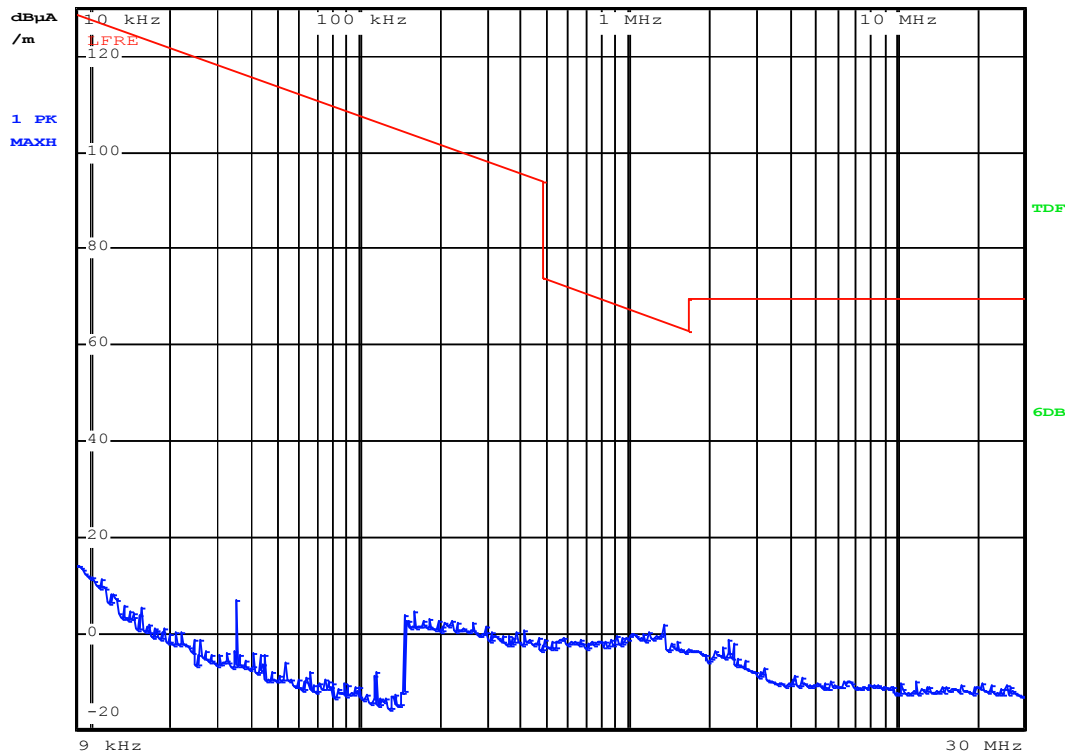
Date: 12.MAY.2014 04:27:34

Middle Channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



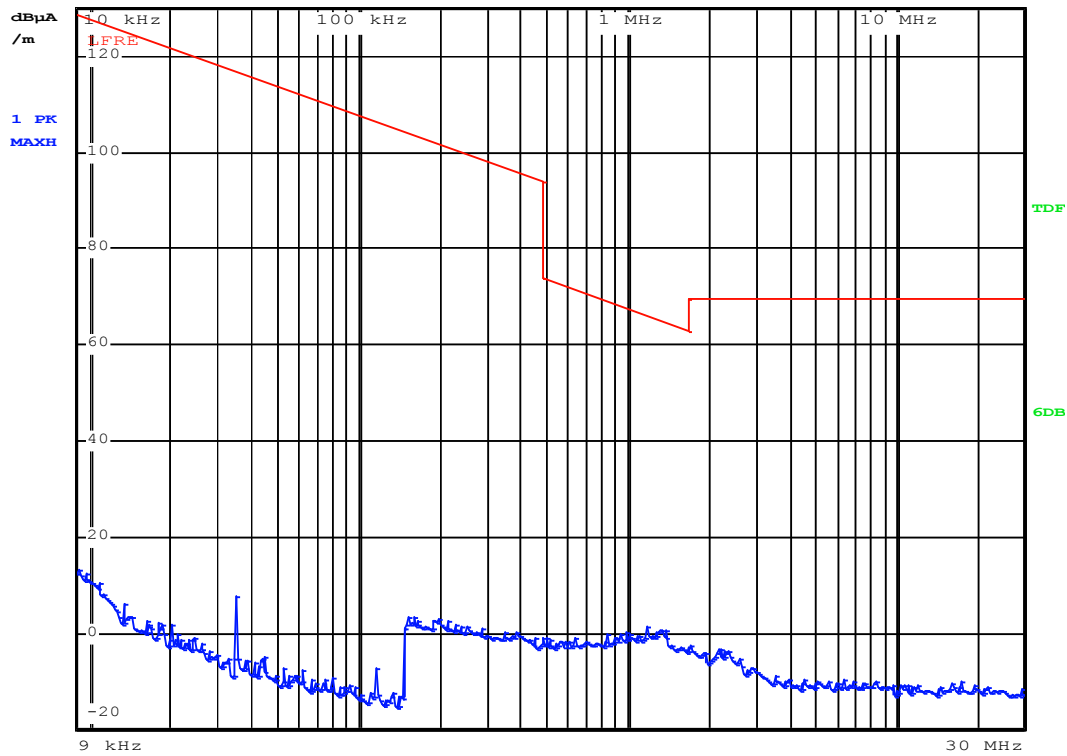
Date: 12.MAY.2014 04:29:35

Middle Channel, z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



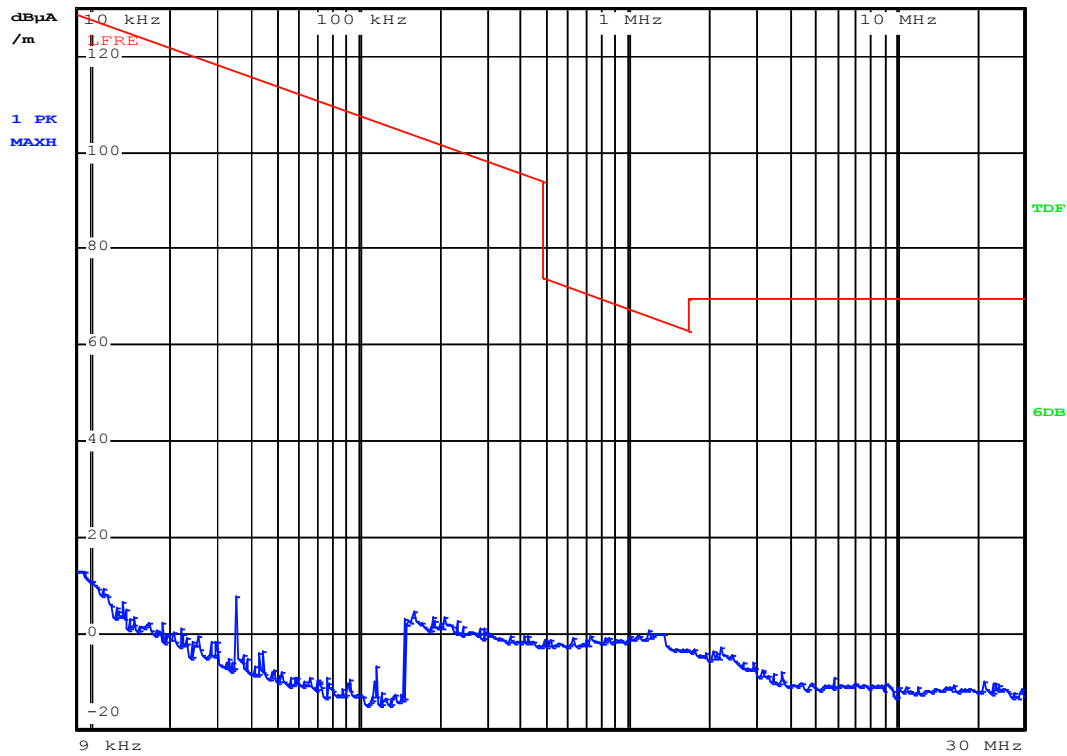
Date: 12.MAY.2014 04:31:34

High Channel, X direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



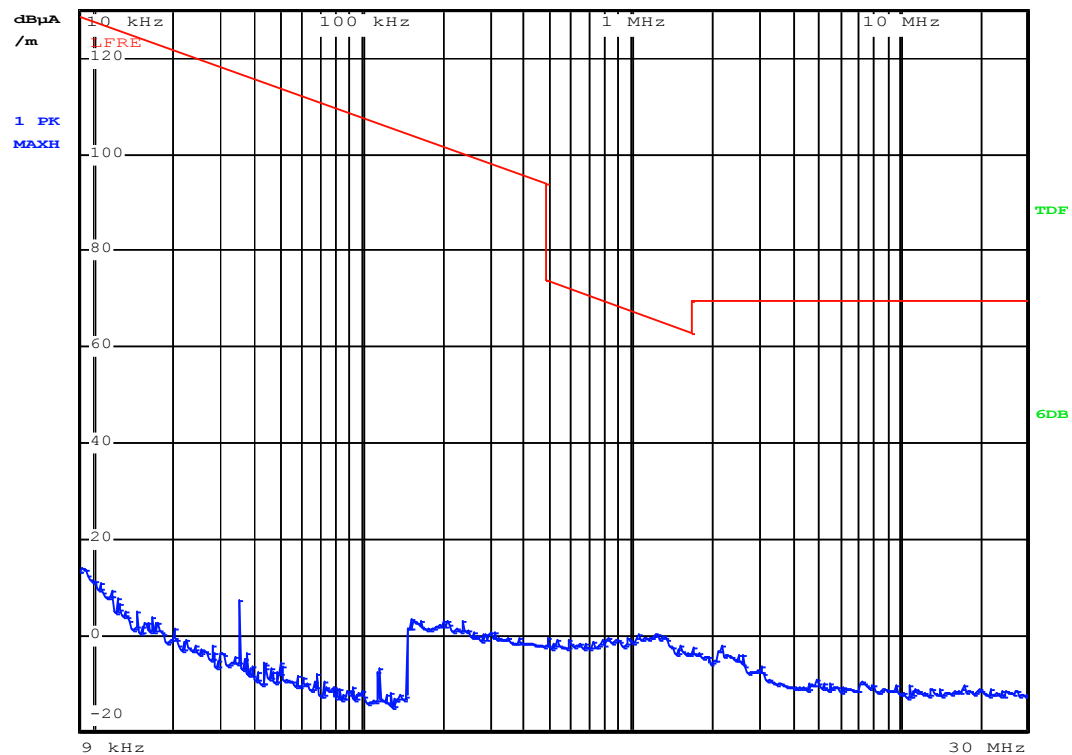
Date: 12.MAY.2014 04:33:43

High Channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



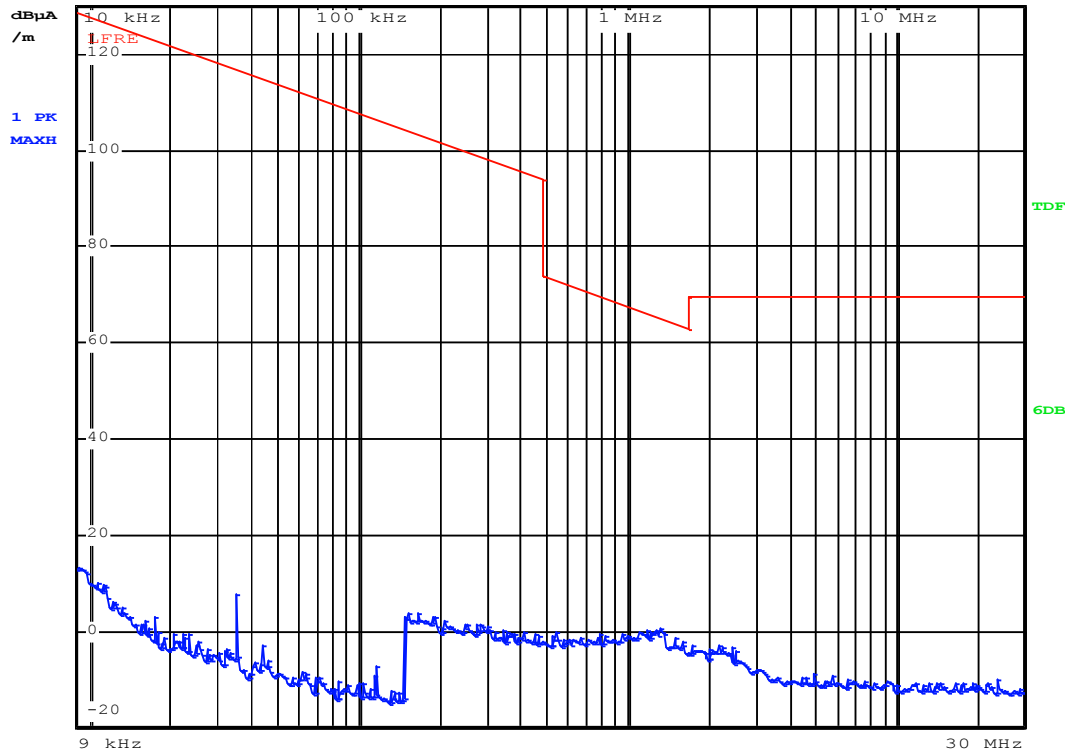
Date: 12.MAY.2014 04:35:50

High Channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 12.MAY.2014 04:37:51

Produkte
Products



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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1655

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

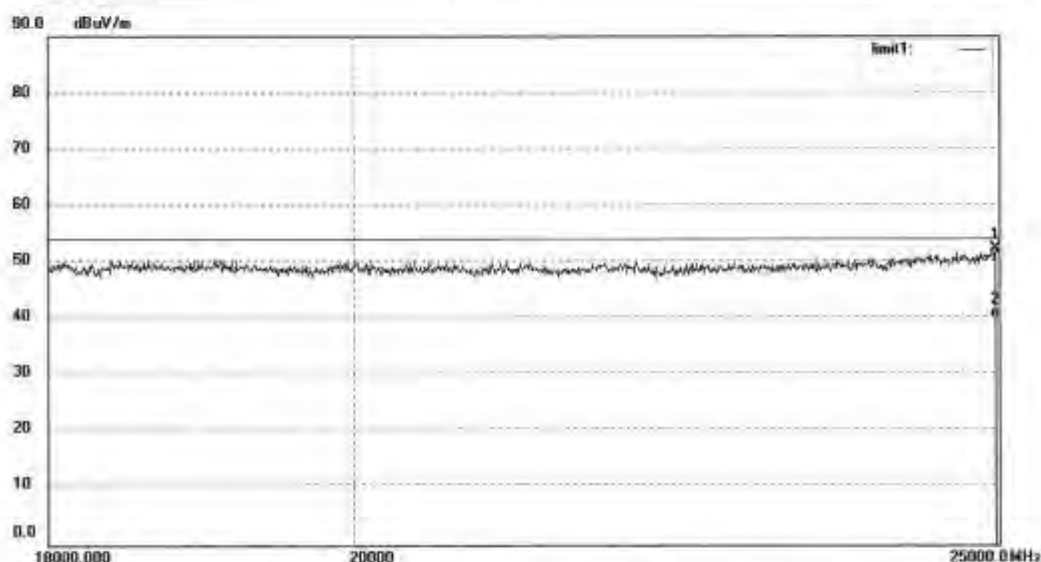
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	33.40	18.86	52.26	74.00	-21.74	peak			
2	24975.325	21.15	18.86	40.01	54.00	-13.99	AVG			

Produkte
Products



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Site: 1# Chamber

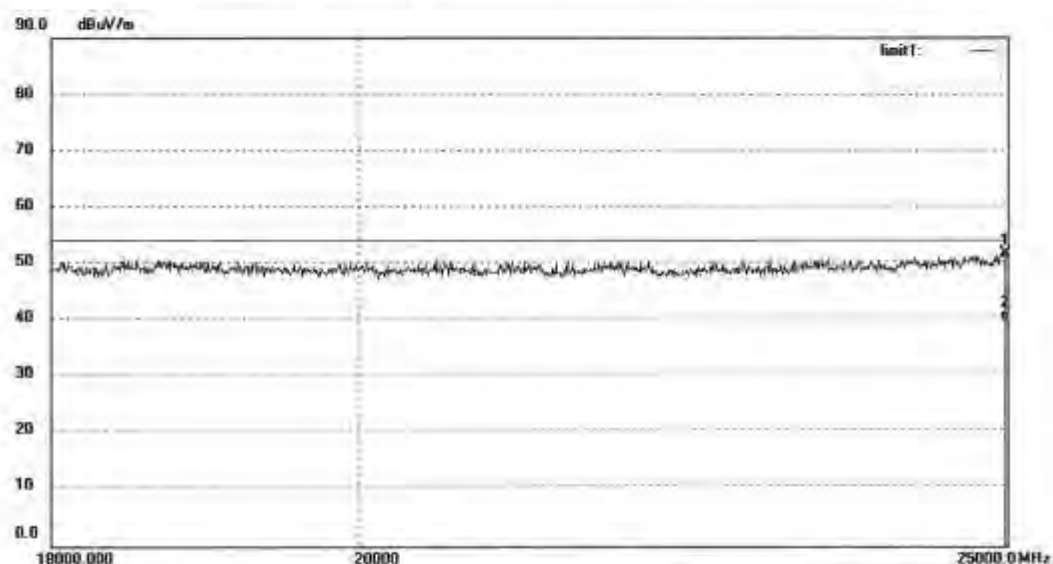
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1654
Standard: FCC Class B 3M Radiated
Test Item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2462MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature: PEI
Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24983.547	32.78	18.88	51.66	74.00	-22.34	peak			
2	24983.547	20.88	18.88	39.76	54.00	-14.24	AVG			

Produkte
Products



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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1653

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

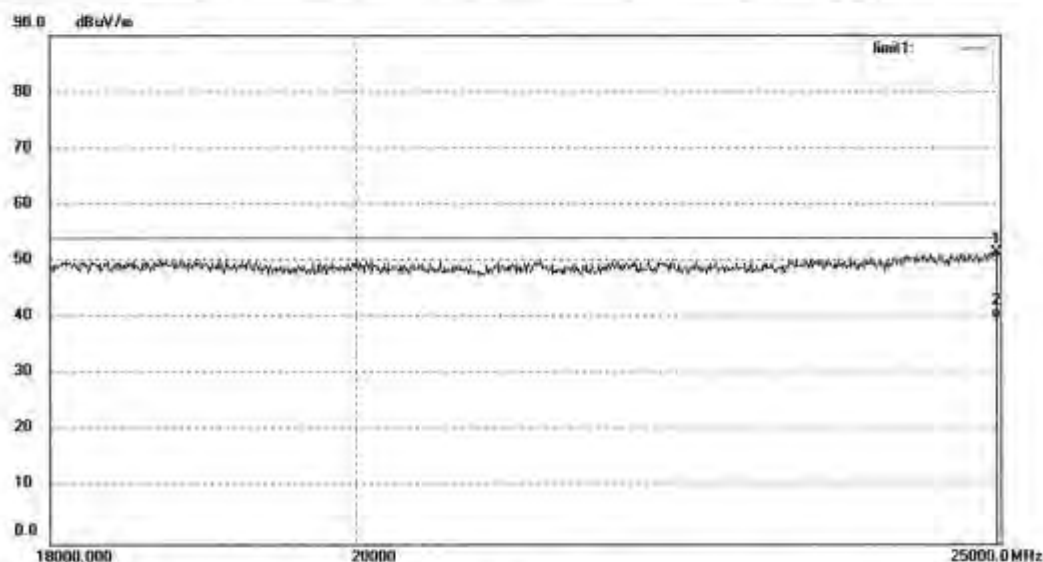
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	32.51	18.87	51.38	74.00	-22.62	peak			
2	24975.325	20.91	18.87	39.78	54.00	-14.22	AVG			

Produkte
Products



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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1652

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

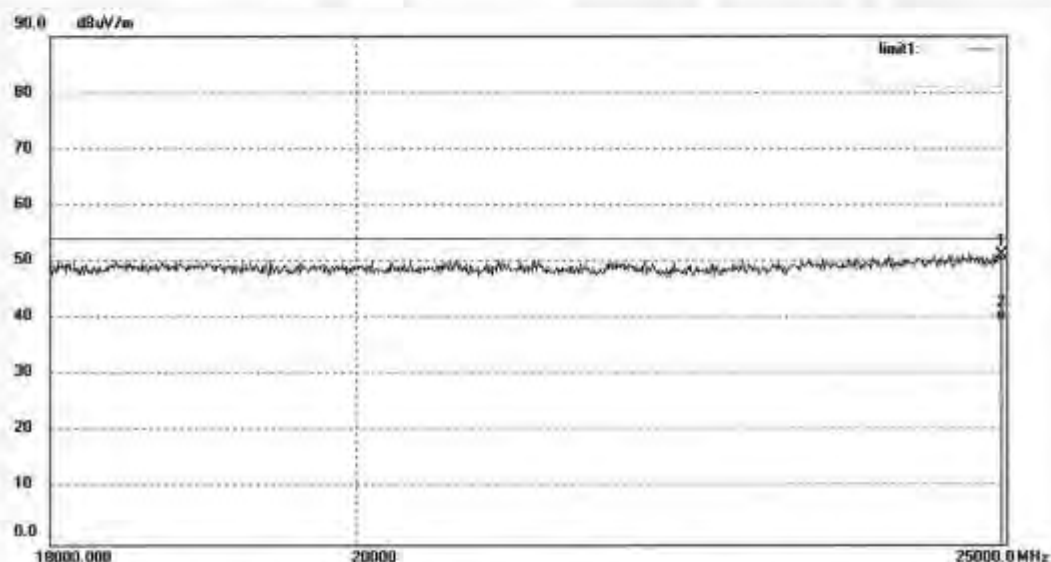
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24958.889	32.24	18.84	51.08	74.00	-22.92	peak			
2	24958.889	20.72	18.84	39.56	54.00	-14.44	AVG			

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1651

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

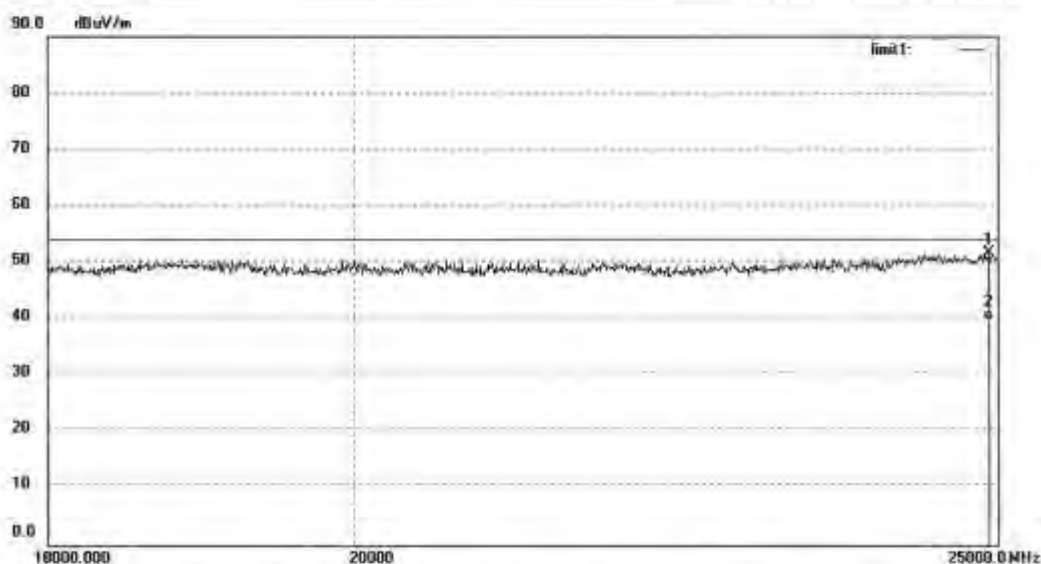
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24934.254	32.93	18.81	51.74	74.00	-22.26	peak			
2	24934.254	20.97	18.81	39.78	54.00	-14.22	AVG			

Produkte
Products



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

Site: 1# Chamber

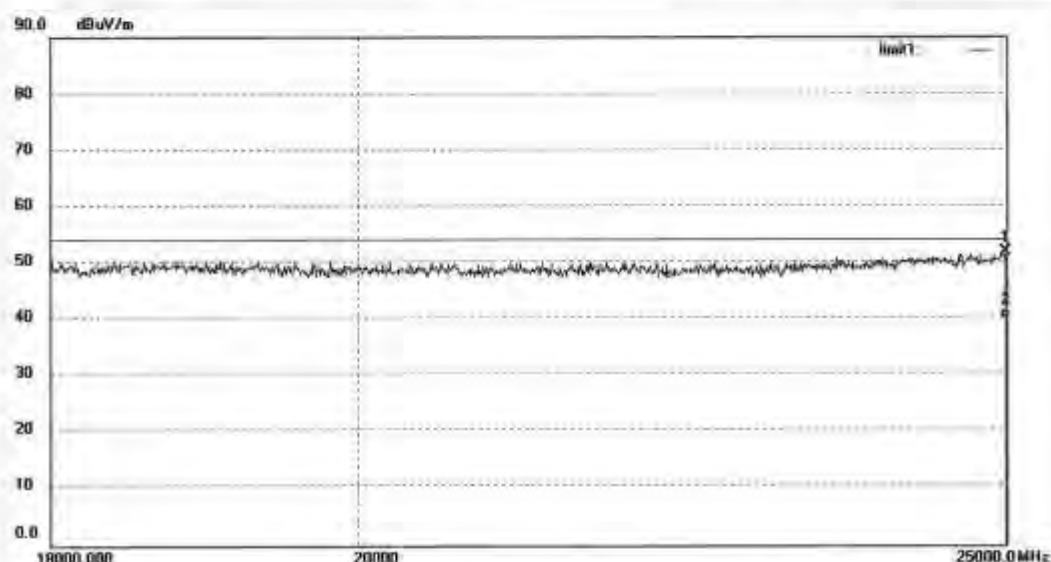
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1650
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2412MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature: PEI
Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24991.772	32.93	18.89	51.82	74.00	-22.18	peak			
2	24991.772	20.99	18.89	39.88	54.00	-14.12	AVG			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1507

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 46 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

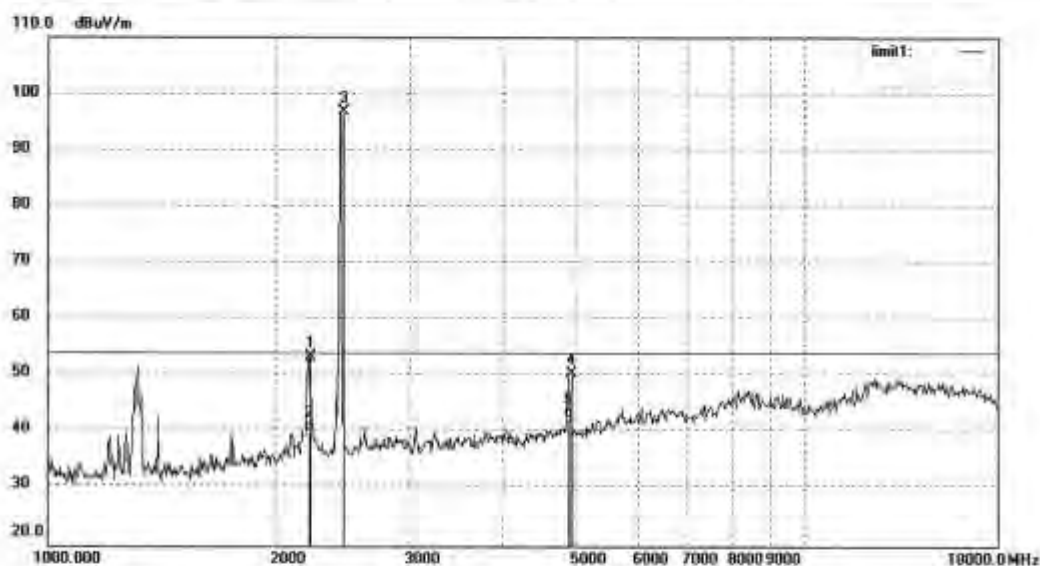
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.596	61.56	-8.16	53.40	74.00	-20.60	peak			
2	2226.596	48.36	-8.16	40.20	54.00	-13.80	AVG			
3	2462.000	104.18	-7.35	96.83	/	/	peak			
4	4924.194	50.08	0.34	50.42	74.00	-23.58	peak			
5	4824.194	42.37	0.34	42.71	54.00	-11.29	AVG			



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Fax:+86-0755-26503396

Job No.: PHY #1506

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

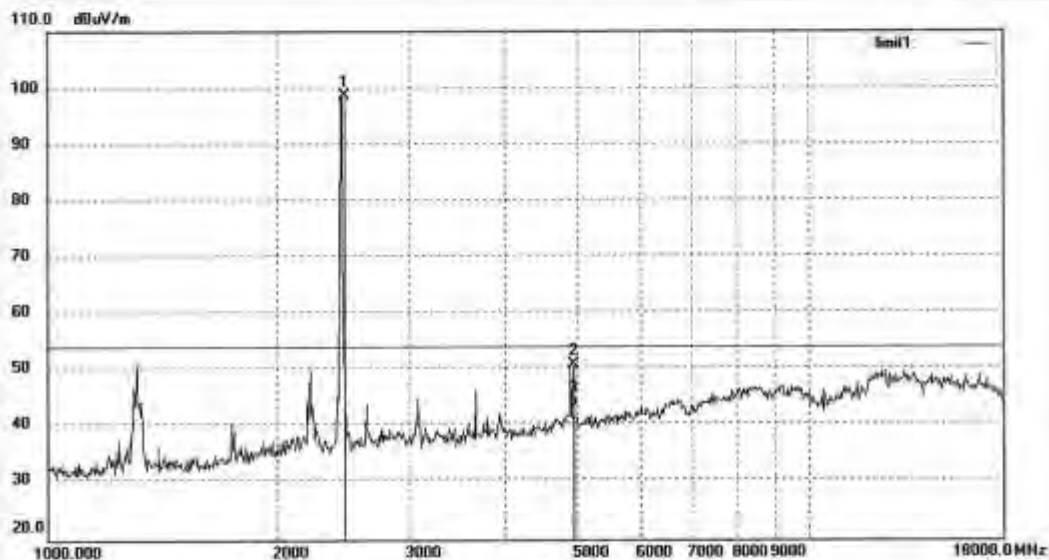
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	106.10	-7.35	98.75	/	/	peak			
2	4924.274	50.51	0.34	50.85	74.00	-23.15	peak			
3	4924.274	43.25	0.34	43.59	54.00	-10.41	AVG			

Produkte
Products



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1505

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

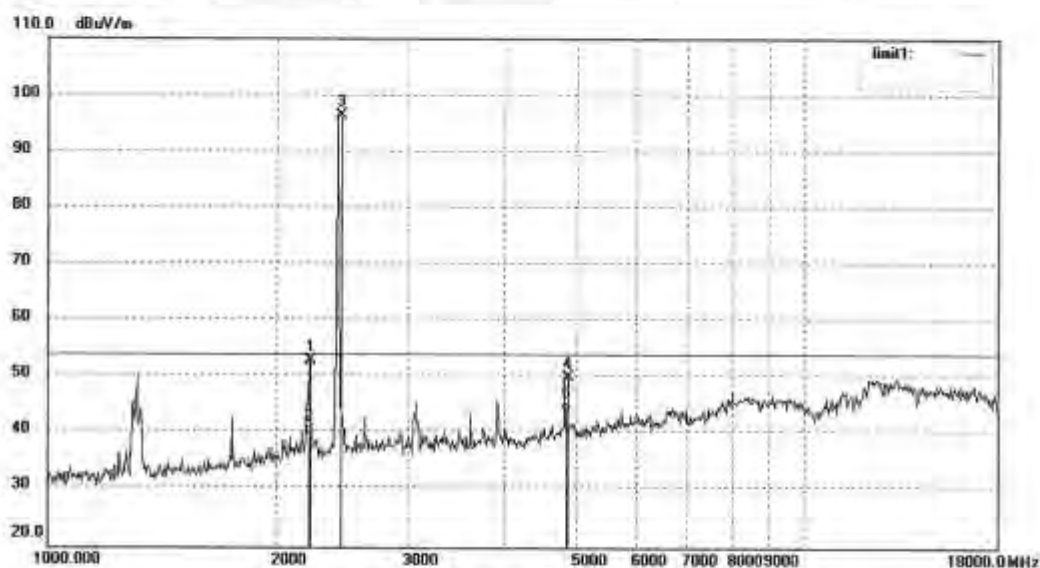
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2225.963	61.09	-8.16	52.93	74.00	-21.07	peak			
2	2225.963	47.85	-8.16	39.69	54.00	-14.31	AVG			
3	2437.000	103.86	-7.36	96.50	/	/	peak			
4	4874.250	50.03	0.09	50.12	74.00	-23.88	peak			
5	4874.250	43.87	0.09	43.96	54.00	-10.04	AVG			



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Site: 2# Chamber

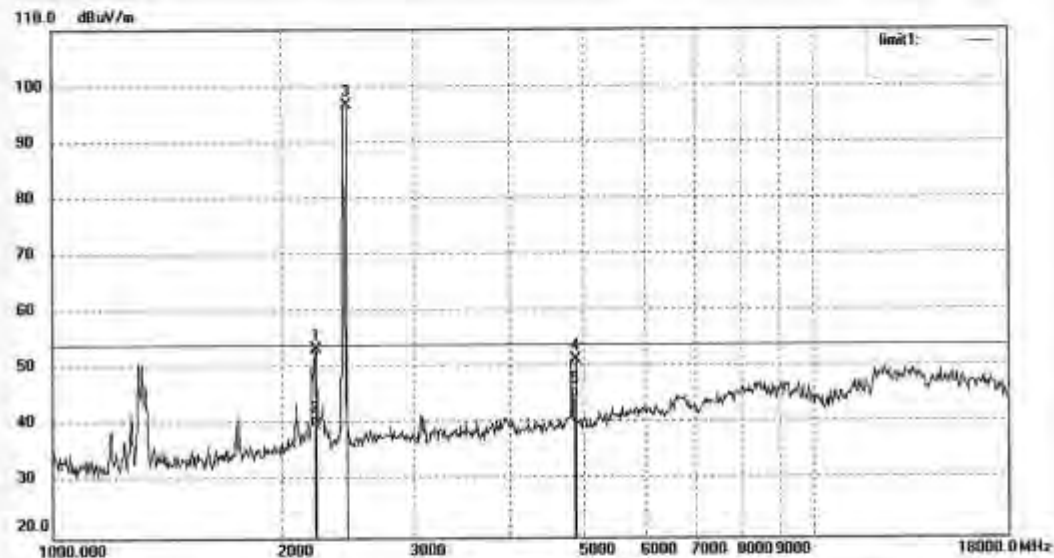
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1504
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2437MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2014-5-11
Time:
Engineer Signature: PEI
Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.724	61.64	-8.16	53.48	74.00	-20.52	peak			
2	2226.724	47.74	-8.16	39.58	54.00	-14.42	AVG			
3	2437.000	104.07	-7.36	96.71	/	/	peak			
4	4874.182	51.34	0.09	51.43	74.00	-22.57	peak			
5	4874.182	44.63	0.09	44.72	54.00	-9.28	AVG			



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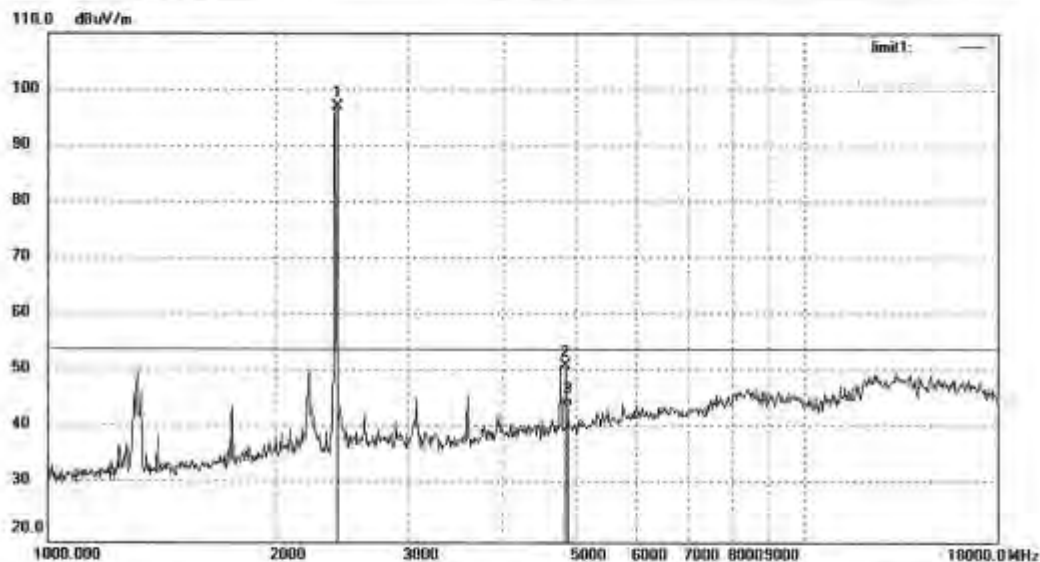
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503398

Job No.: PHY #1501	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test Item: Radiation Test	Date: 2014-5-11
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Tablet	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT08	
Manufacturer: Keen High	

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	104.54	-7.43	97.11	/	/	peak			
2	4824.205	51.25	-0.19	51.06	74.00	-22.94	peak			
3	4824.205	43.91	-0.19	43.72	54.00	-10.28	AVG			

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 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.: PHY #1500

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

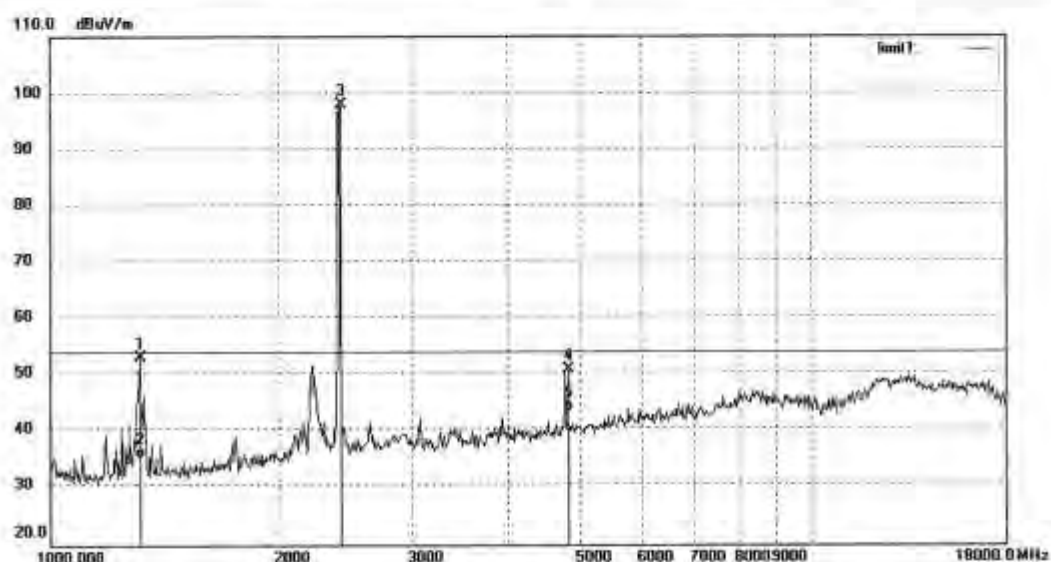
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1312.628	65.33	-12.17	53.16	74.00	-20.84	peak			
2	1312.628	47.48	-12.17	35.31	54.00	-18.69	AVG			
3	2412.000	105.33	-7.43	97.90	/	/	peak			
4	4824.155	51.23	-0.19	51.04	74.00	-22.96	peak			
5	4824.155	43.79	-0.19	43.60	54.00	-10.40	AVG			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1600

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

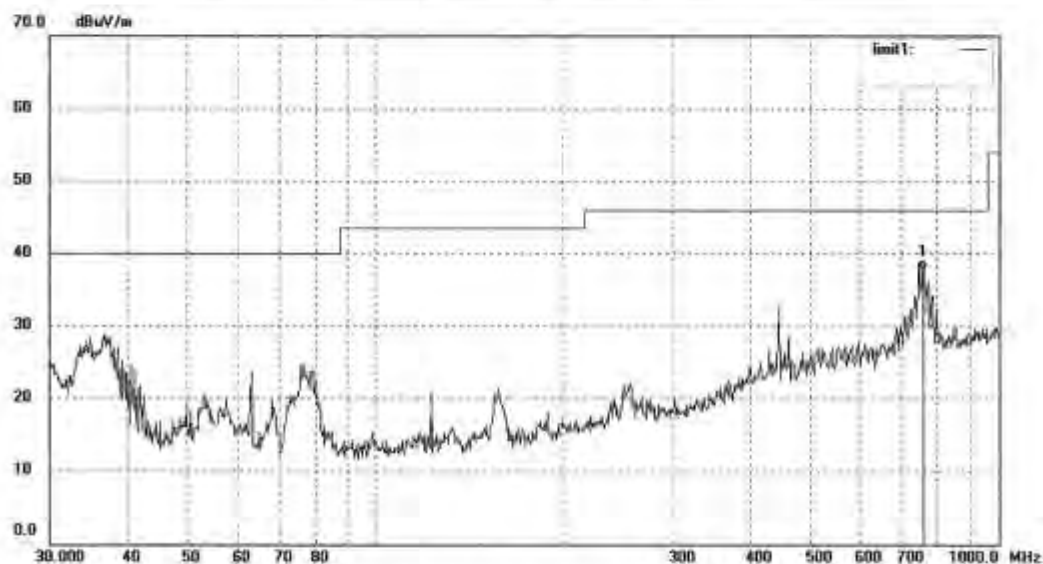
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	753.8270	38.61	-0.98	37.63	46.00	-8.37	QP			



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Site: 2# Chamber

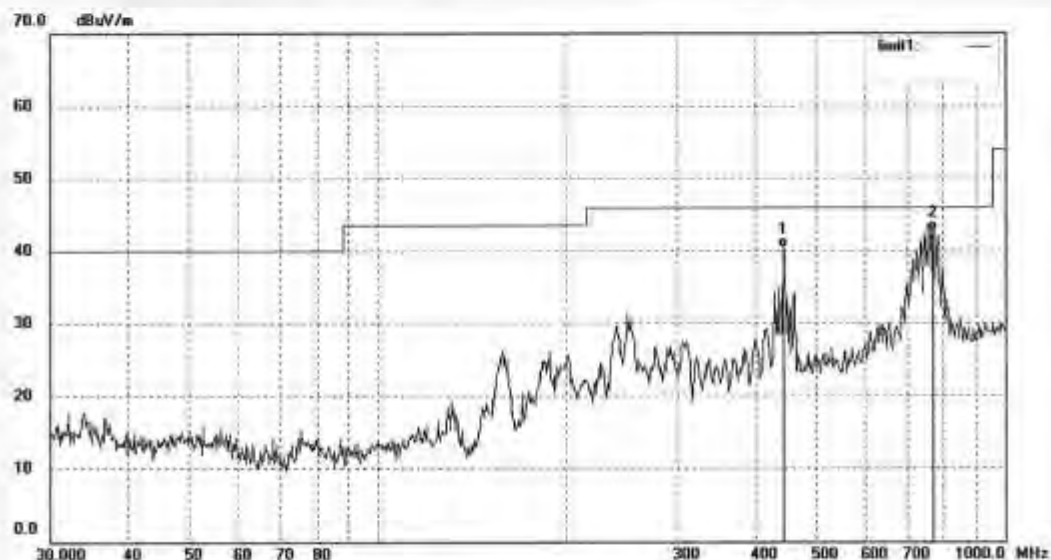
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1599
Standard: FCC Class B 3M Radiated
Test Item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2462MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature:
Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.4548	46.18	-5.86	40.32	46.00	-5.68	QP			
2	767.0370	43.28	-0.75	42.53	46.00	-3.47	QP			

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Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: PHY #1598

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

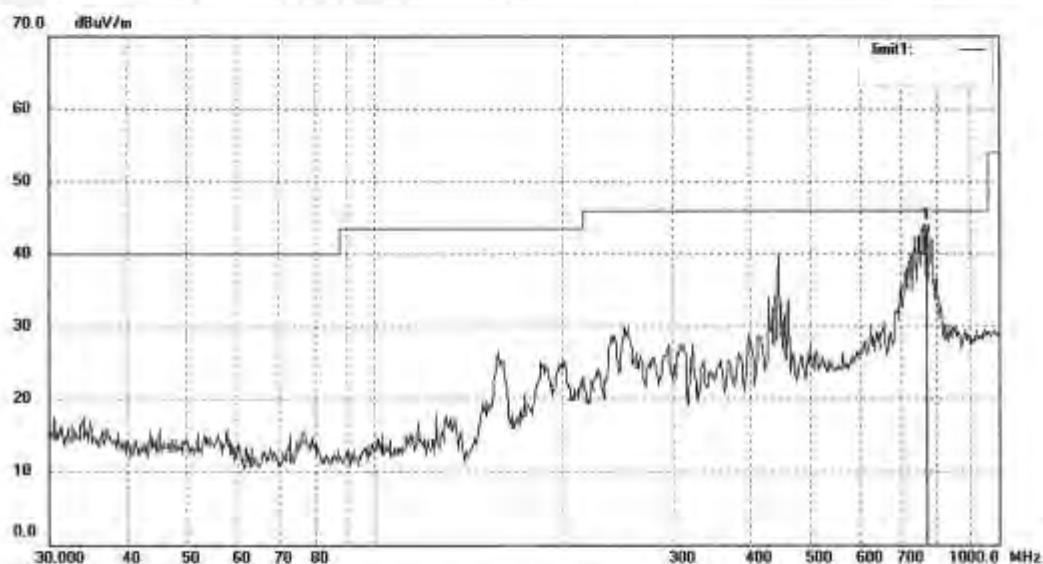
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	765.6201	43.62	-0.77	42.85	46.00	-3.15	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.: PHY #1597

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

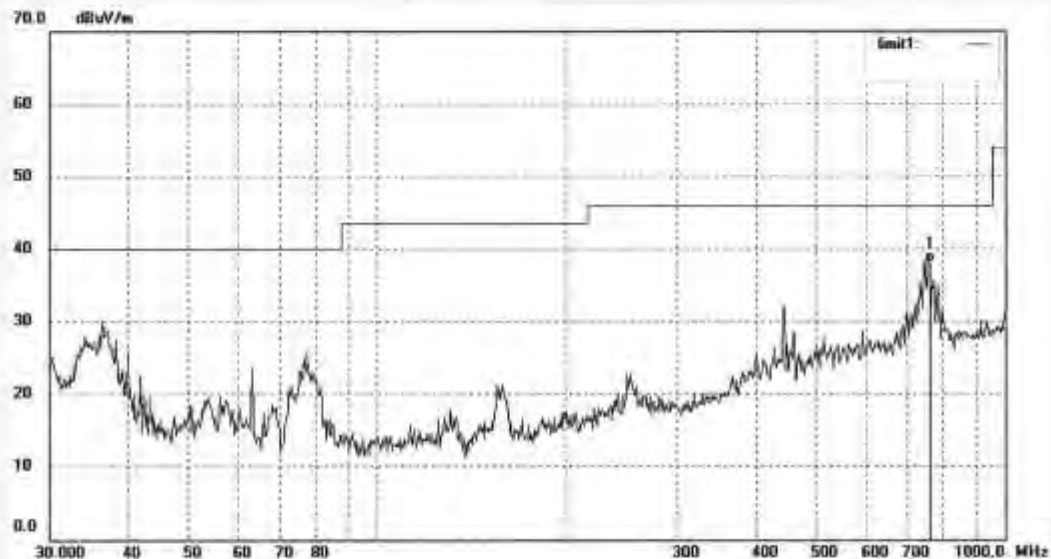
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	765.3210	38.91	-0.78	38.13	46.00	-7.87	QP			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1596

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

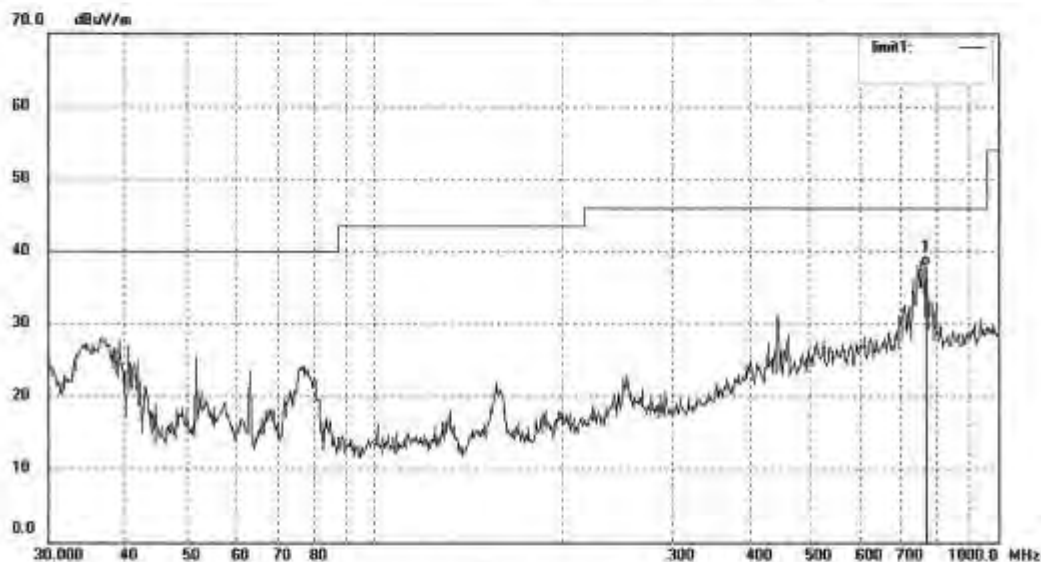
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	766.6293	38.73	-0.75	37.98	46.00	-8.02	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.: PHY #1595

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

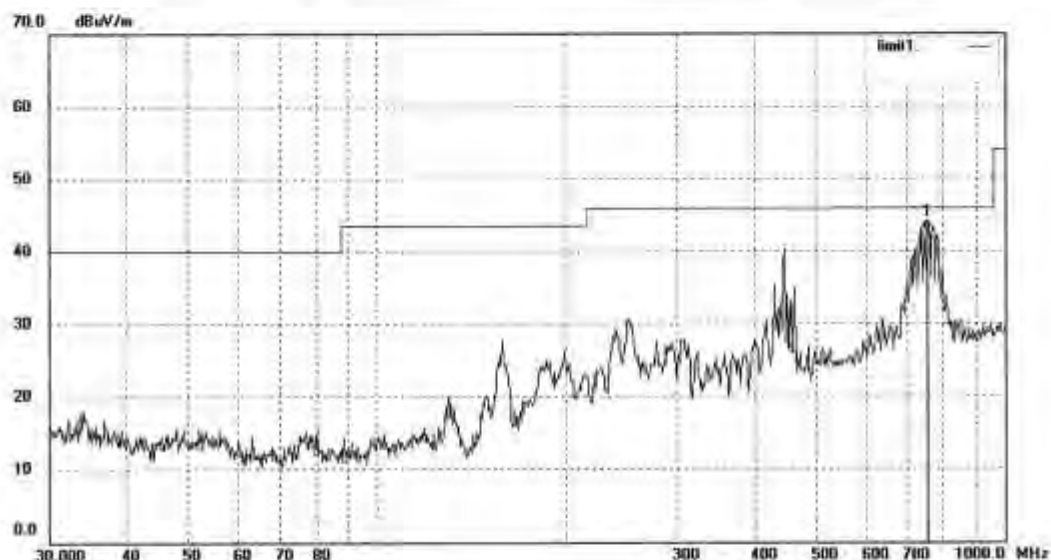
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11b



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	753.2630	43.86	-0.99	42.87	46.00	-3.13	QP			

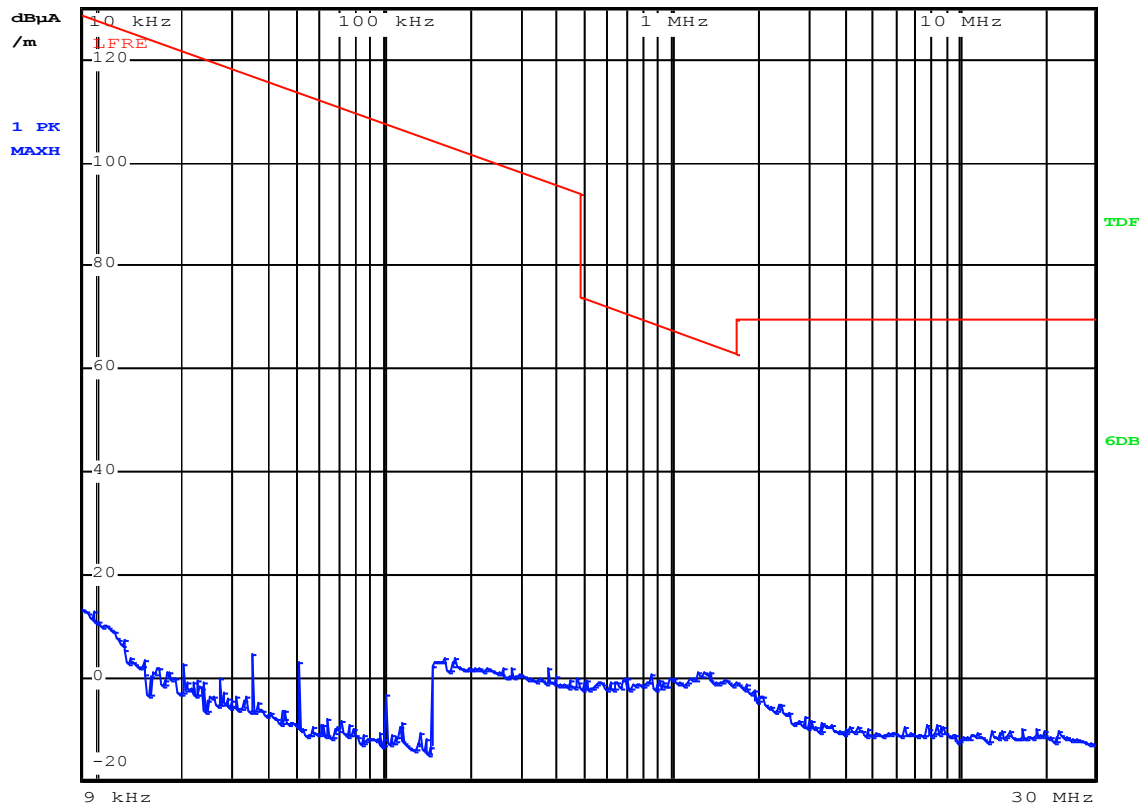
10 Test Plot of Spurious Emission of transmitting of 802.11 g mode

Low Channel, X direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



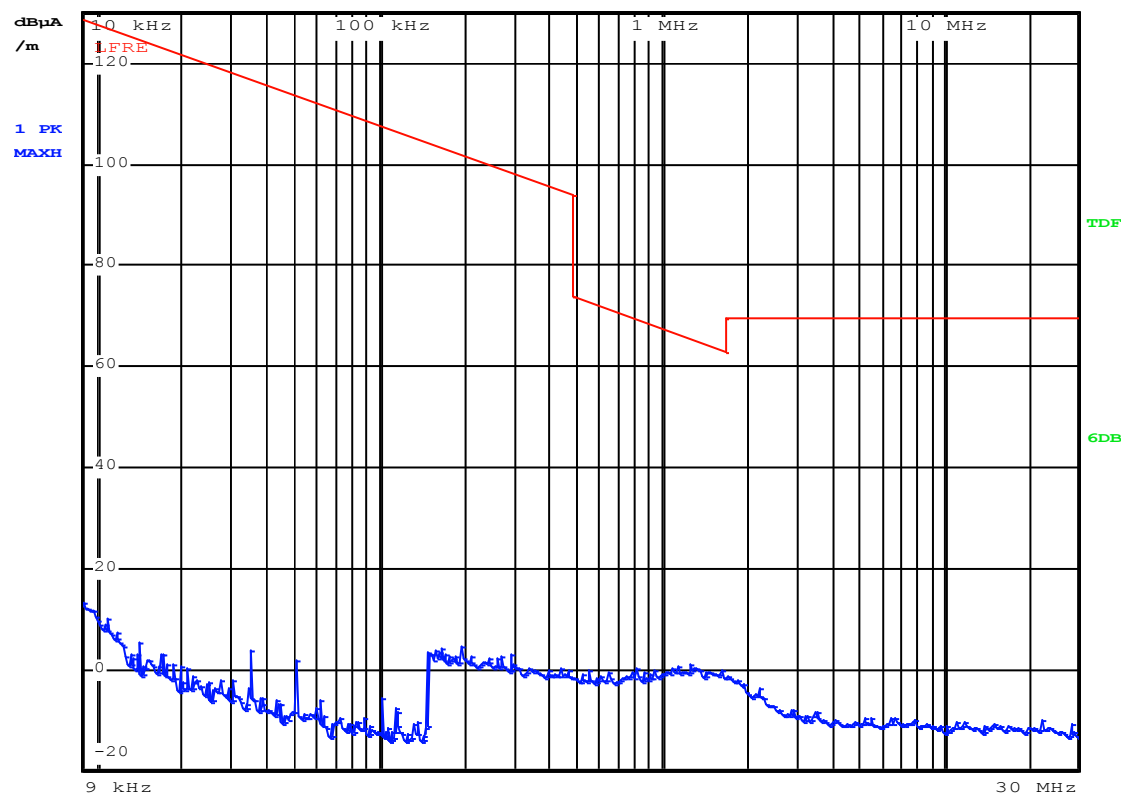
Date: 14.MAY.2014 12:12:18

Low Channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



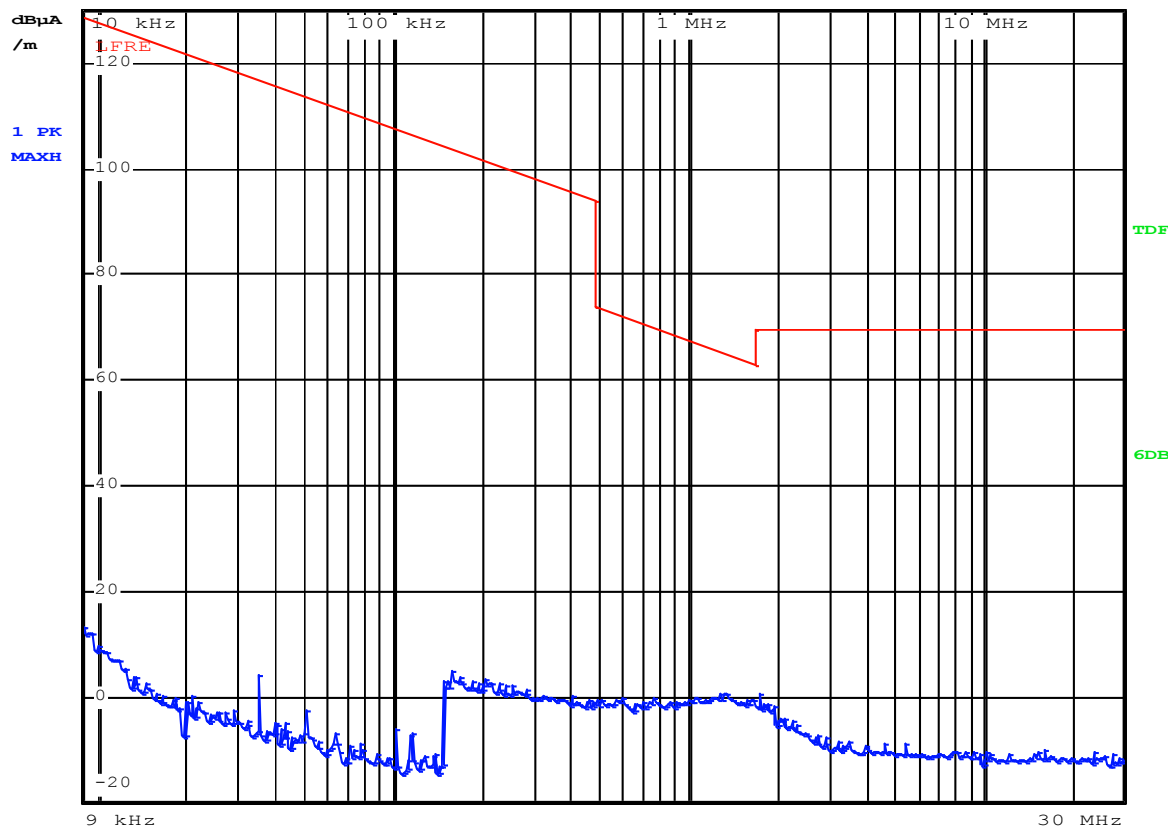
Date: 14.MAY.2014 12:14:16

Low Channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



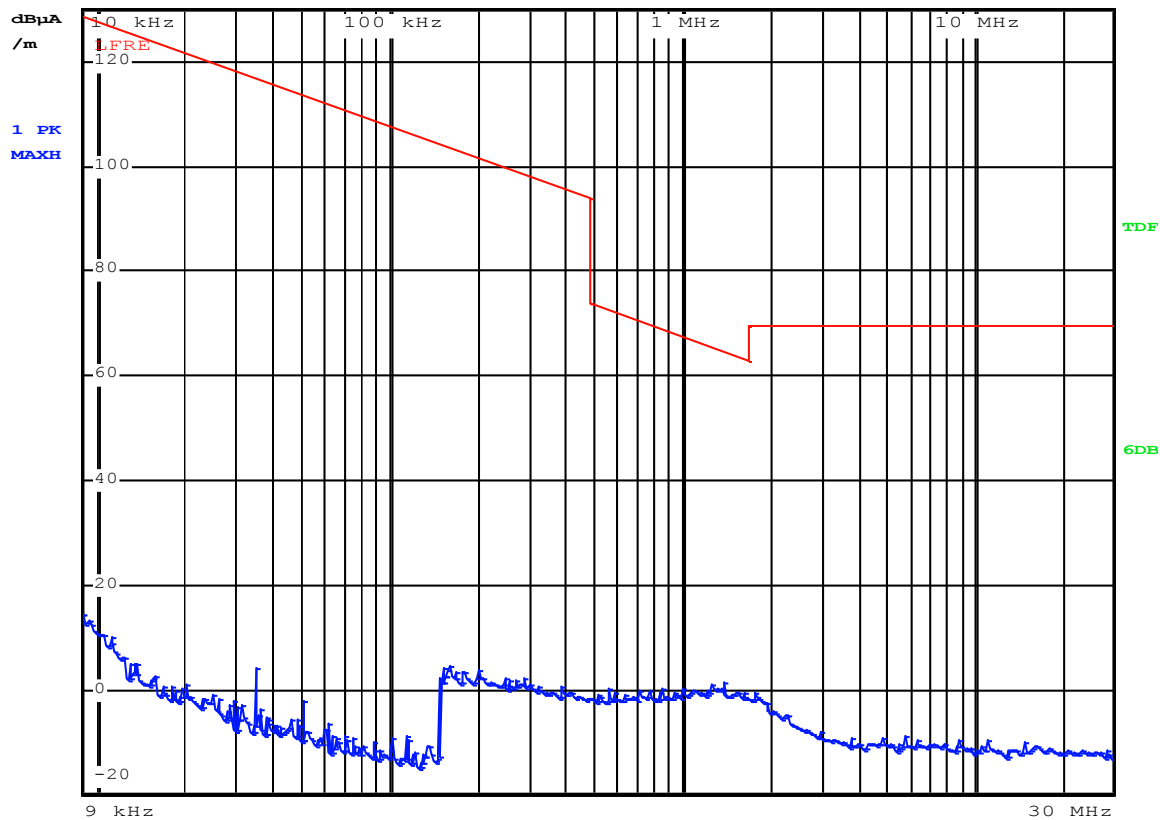
Date: 14.MAY.2014 12:16:10

Middle Channel, X direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 14.MAY.2014 12:18:06

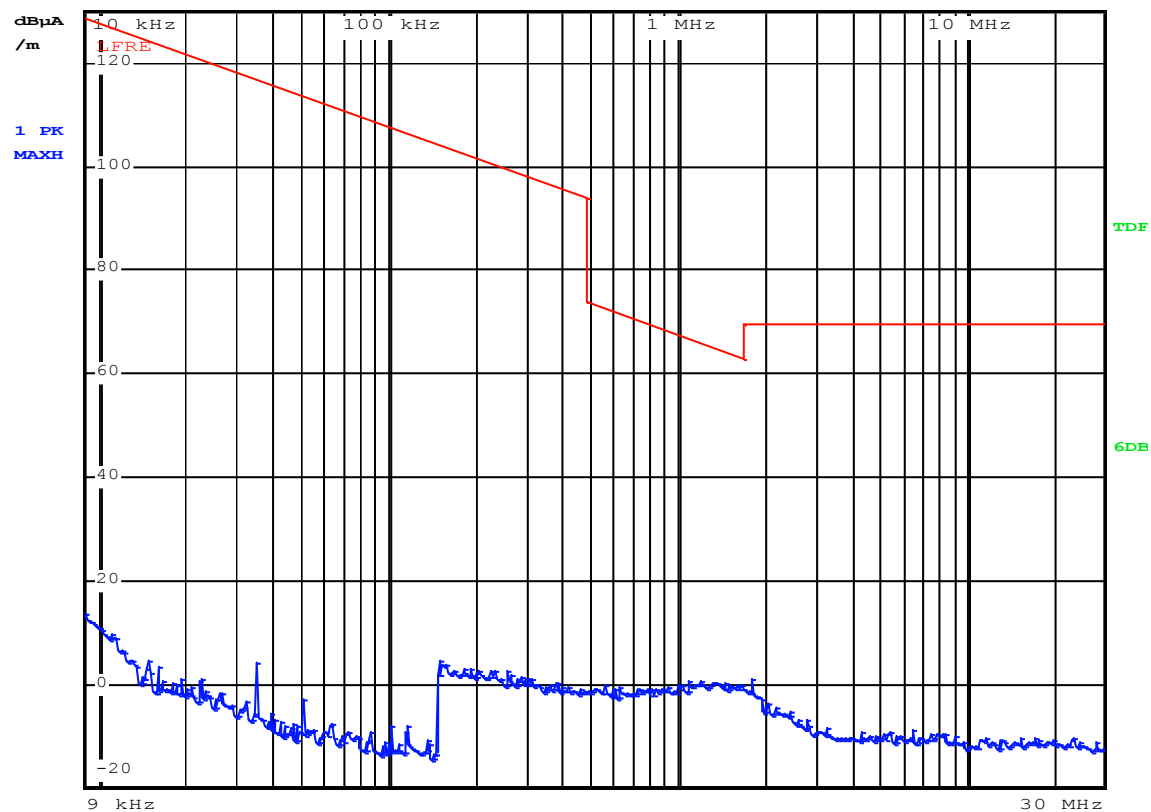
Middle Channel, Y direction



RBW 200 Hz

MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 14.MAY.2014 12:20:00

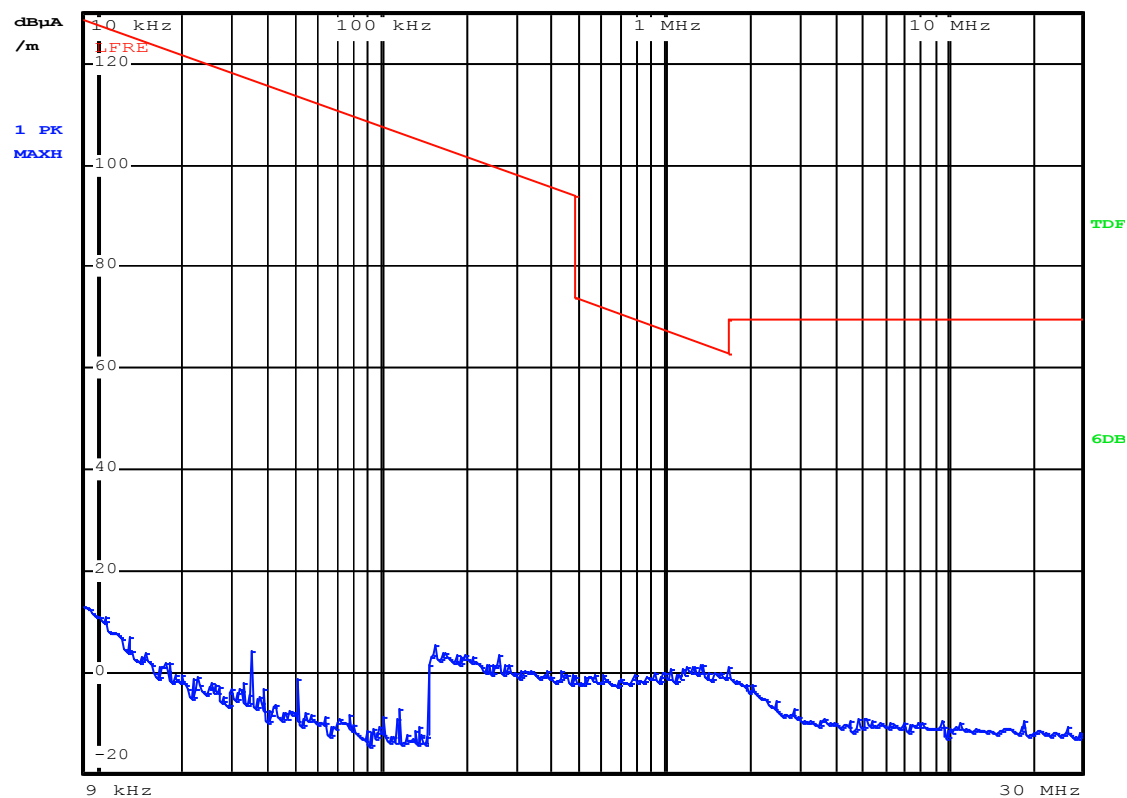
Middle Channel, Z direction



RBW 200 Hz

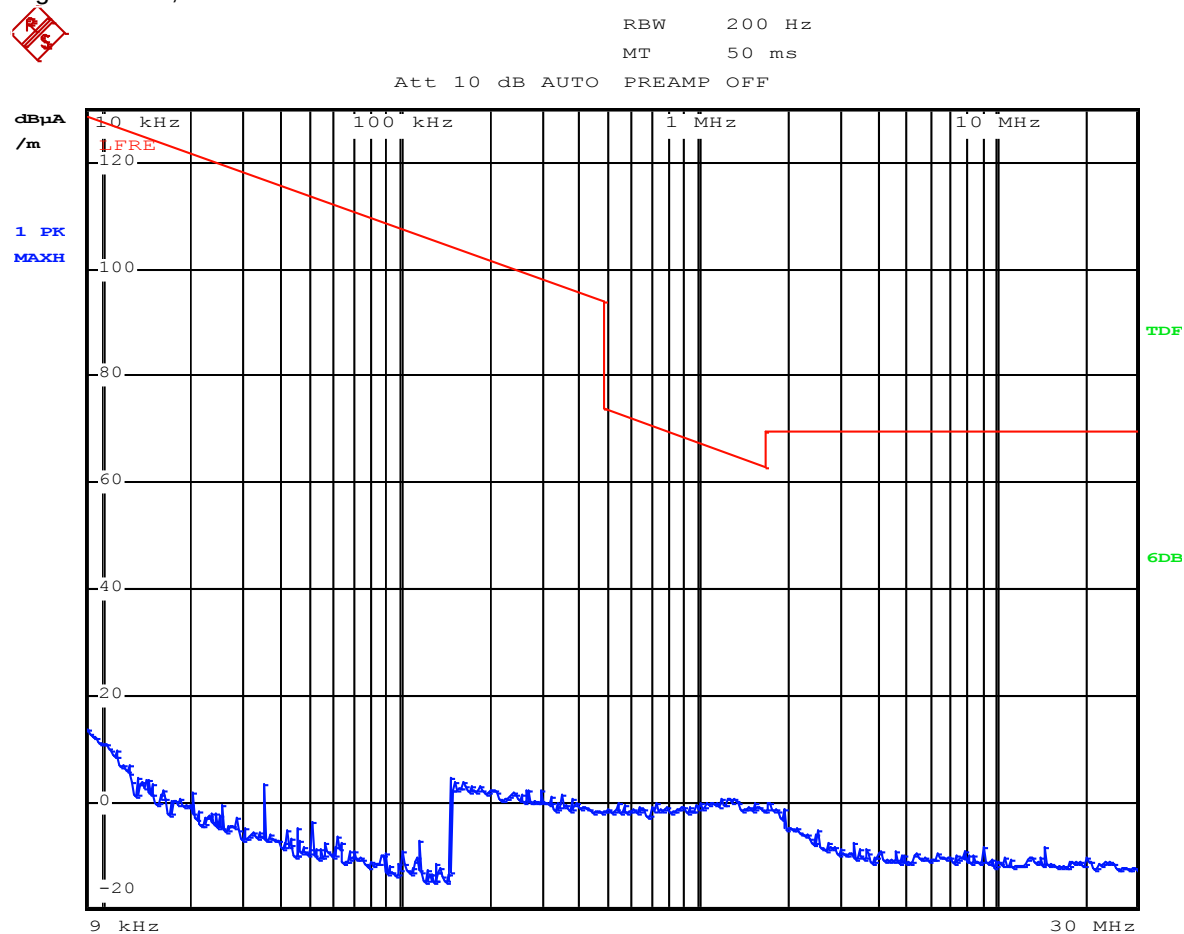
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 14.MAY.2014 12:22:00

High Channel, X direction



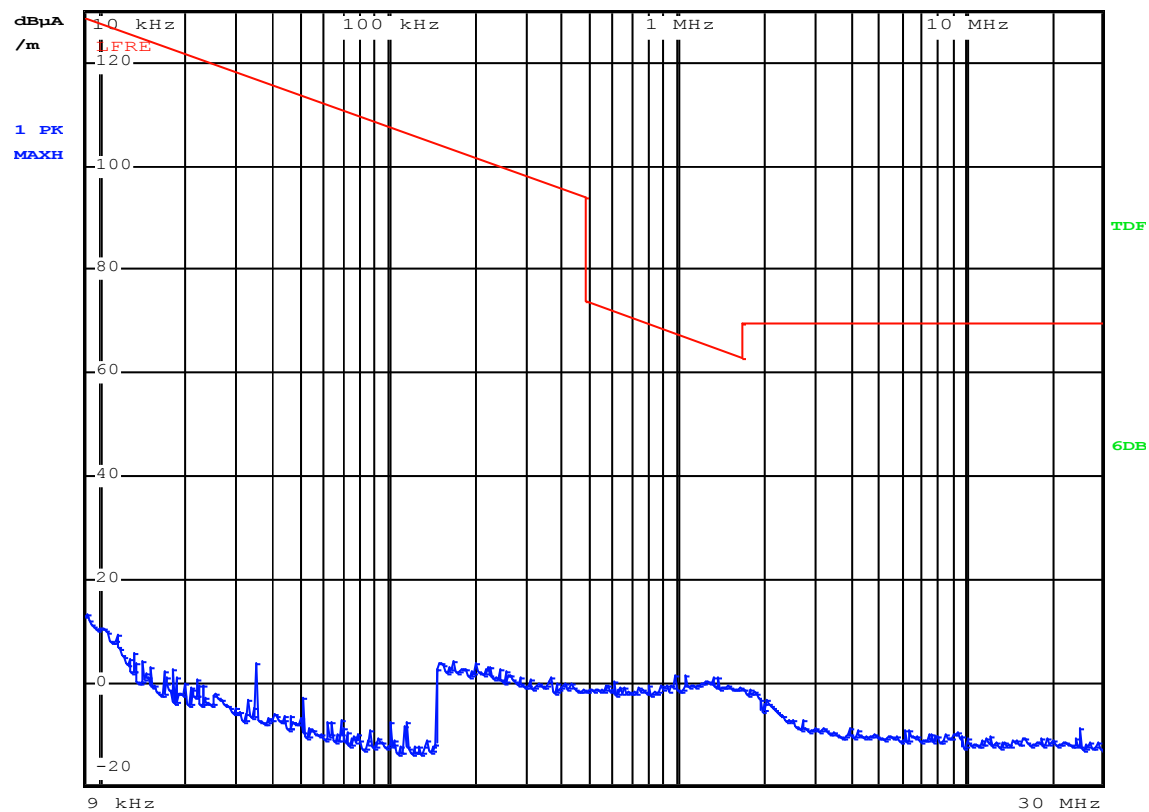
Date: 14.MAY.2014 12:23:58

High Channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



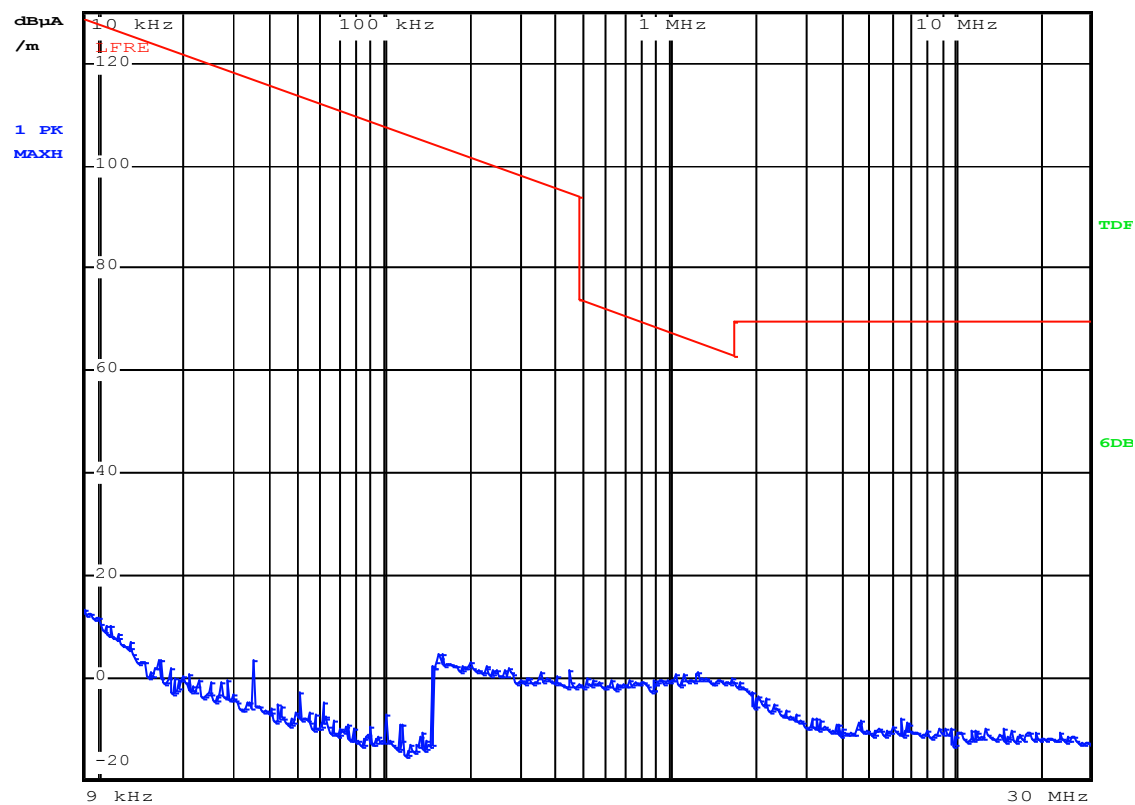
Date: 14.MAY.2014 12:25:56

High Channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 14.MAY.2014 12:28:11

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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1661

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

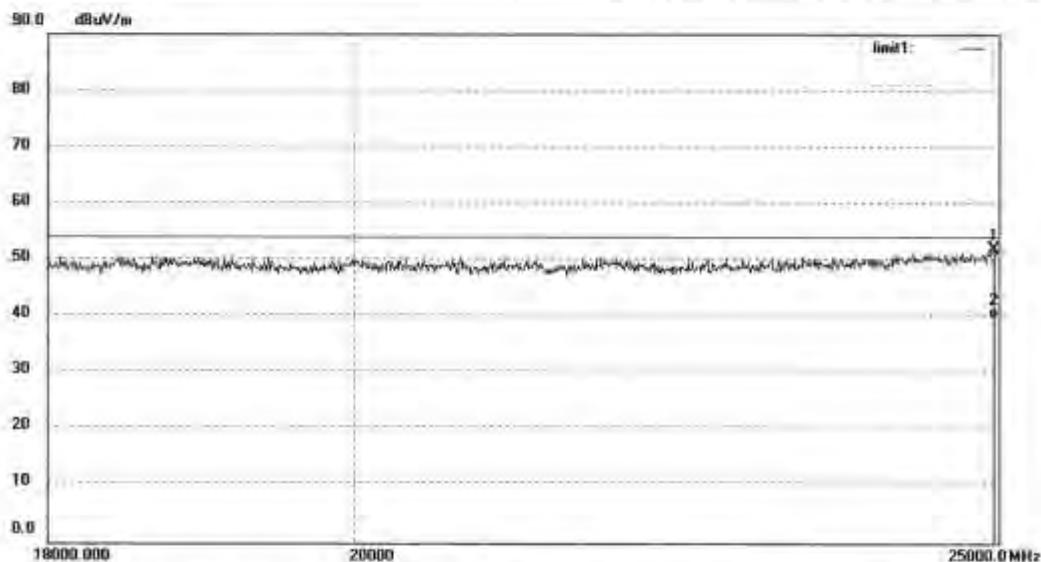
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24967.105	33.19	18.85	52.04	74.00	-21.96	peak			
2	24967.105	20.93	18.85	39.78	54.00	-14.22	AVG			

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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1660

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

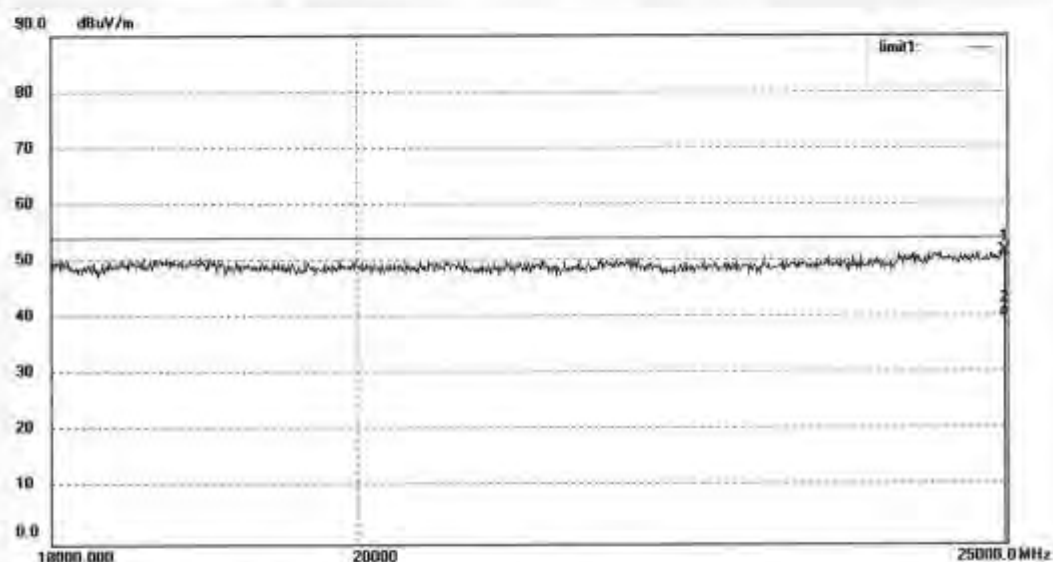
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24983.547	32.67	18.88	51.55	74.00	-22.45	peak			
2	24983.547	21.17	18.88	40.05	54.00	-13.95	AVG			

Produkte
Products

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1659

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

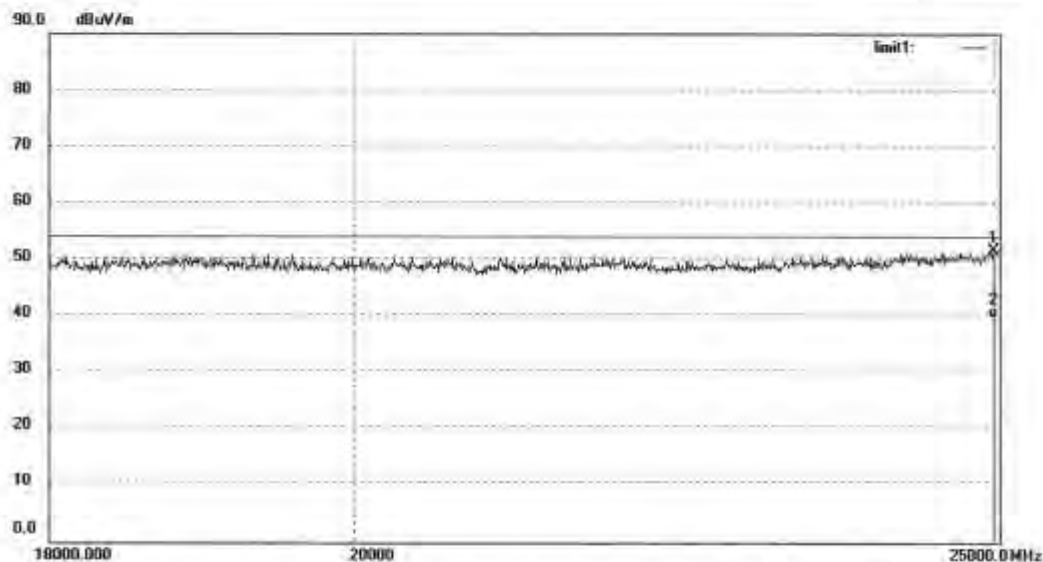
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24950.674	32.86	18.83	51.69	74.00	-22.31	peak			
2	24950.674	20.85	18.83	39.68	54.00	-14.32	AVG			

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1658

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

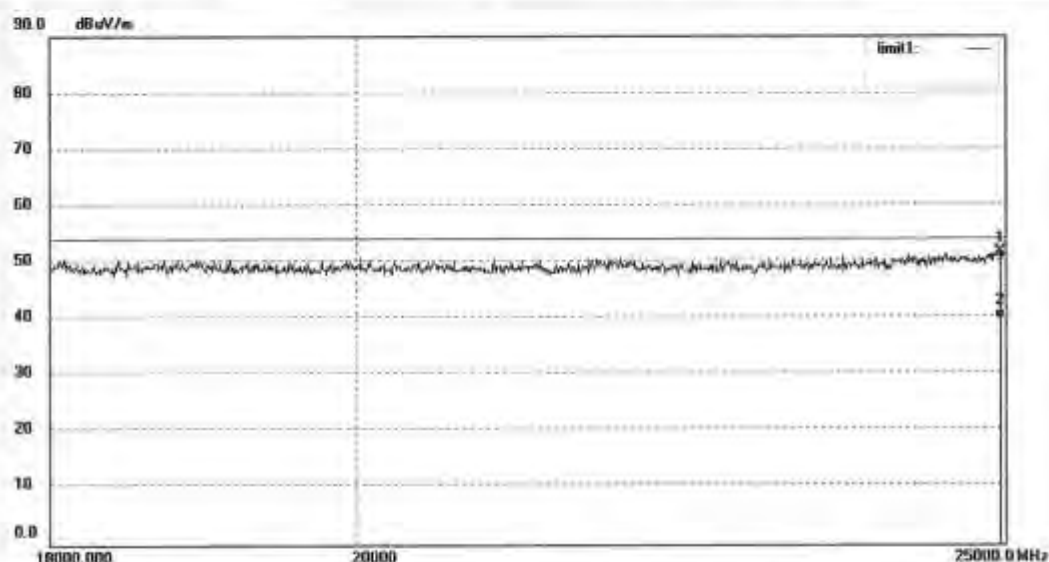
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24958.889	32.86	18.84	51.70	74.00	-22.30	peak			
2	24958.889	20.93	18.84	39.77	54.00	-14.23	AVG			


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

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1657

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

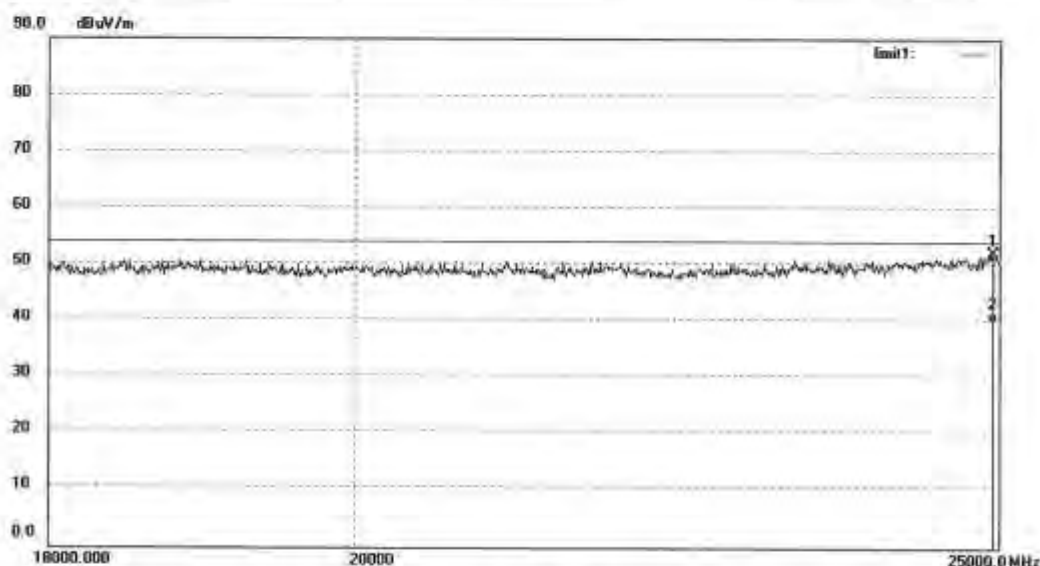
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24950.674	33.26	18.83	52.09	74.00	-21.91	peak			
2	24950.674	21.03	18.83	39.86	54.00	-14.14	AVG			



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

Site: 1# Chamber

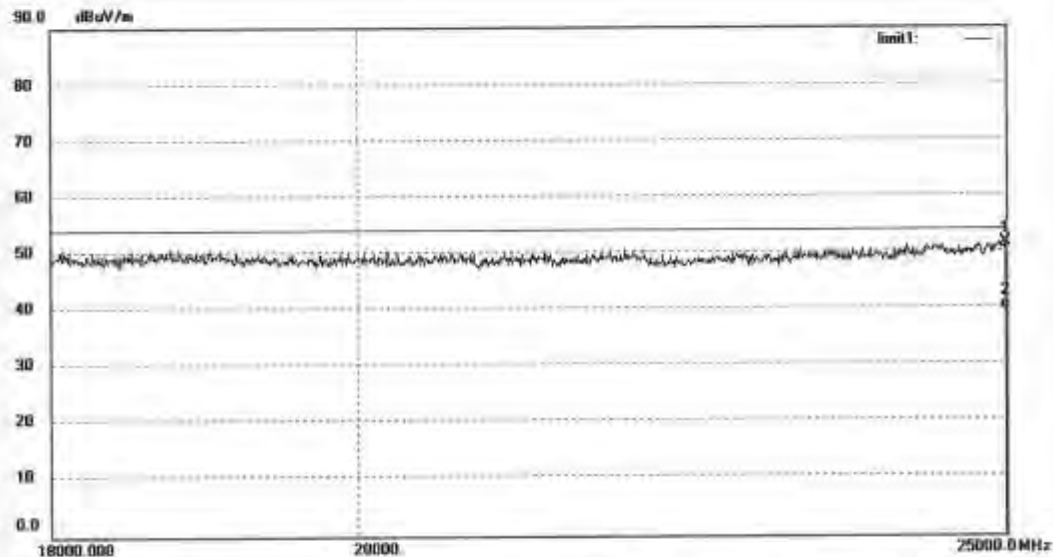
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1656
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp (C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2412MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature: PEI
Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24991.772	32.76	18.89	51.65	74.00	-22.35	peak			
2	24991.772	20.85	18.89	39.74	54.00	-14.26	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.: PHY #1517

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2014-5-11

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Tablet

Engineer Signature: PEI

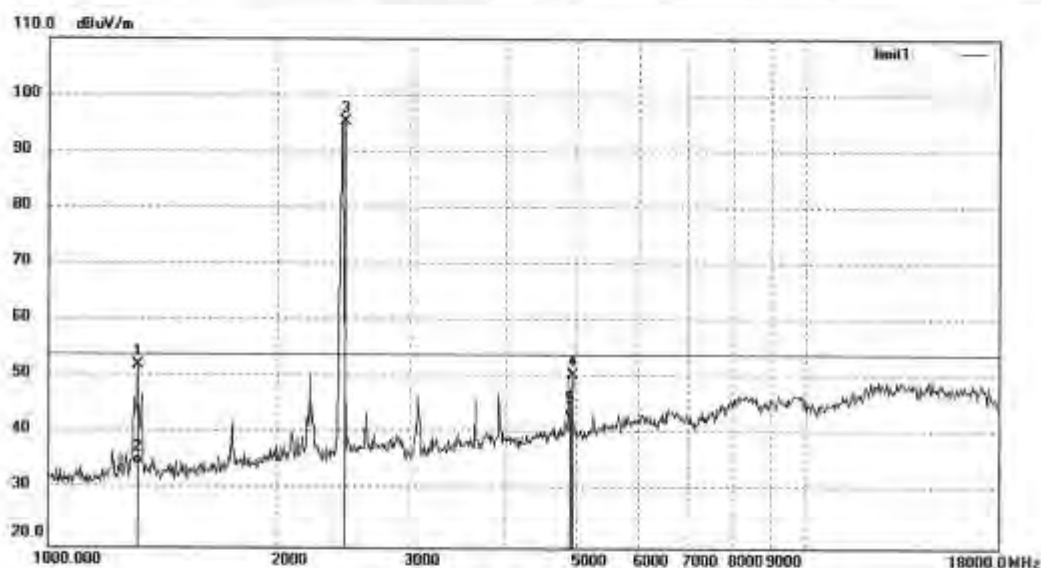
Mode: TX 2462MHz

Distance:

Model: NS-15AT08

Manufacturer: Keen High

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.405	64.27	-12.17	52.10	74.00	-21.90	peak			
2	1313.405	46.35	-12.17	34.18	54.00	-19.82	AVG			
3	2462.000	102.69	-7.35	95.34	/	/	peak			
4	4924.519	50.19	0.34	50.53	74.00	-23.47	peak			
5	4924.519	42.68	0.34	43.02	54.00	-10.98	AVG			



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Site: 2# Chamber

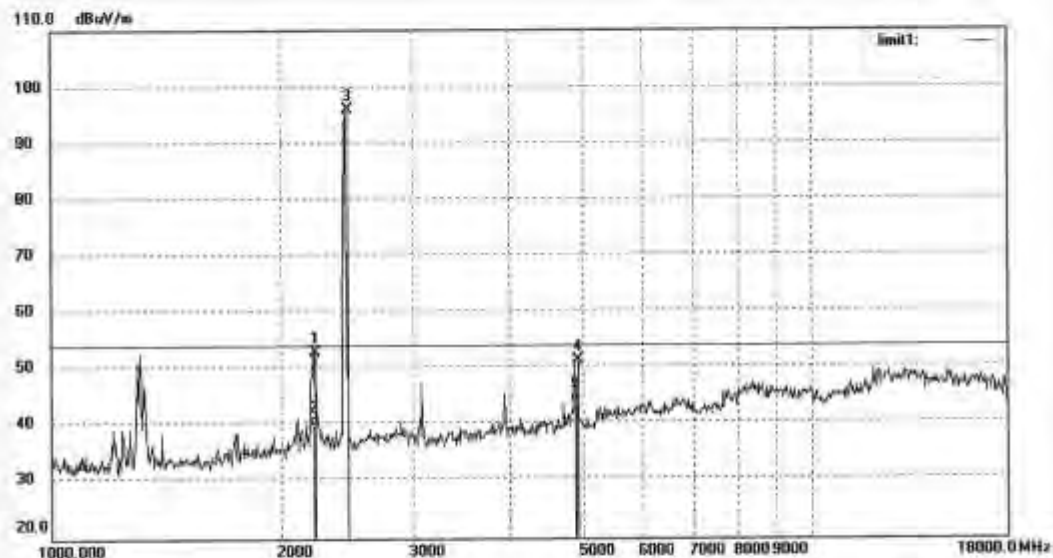
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1516
Standard: FCC Class B 3M Radiated
Test Item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2462MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2014-5-11
Time:
Engineer Signature: PEI
Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.339	61.10	-8.16	52.94	74.00	-21.06	peak			
2	2226.339	48.18	-8.16	40.02	54.00	-13.98	AVG			
3	2462.000	103.30	-7.35	95.95	/	/	peak			
4	4924.316	50.97	0.34	51.31	74.00	-22.69	peak			
5	4924.316	43.51	0.34	43.85	54.00	-10.15	AVG			

Produkte
Products



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

Job No.: PHY #1515

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

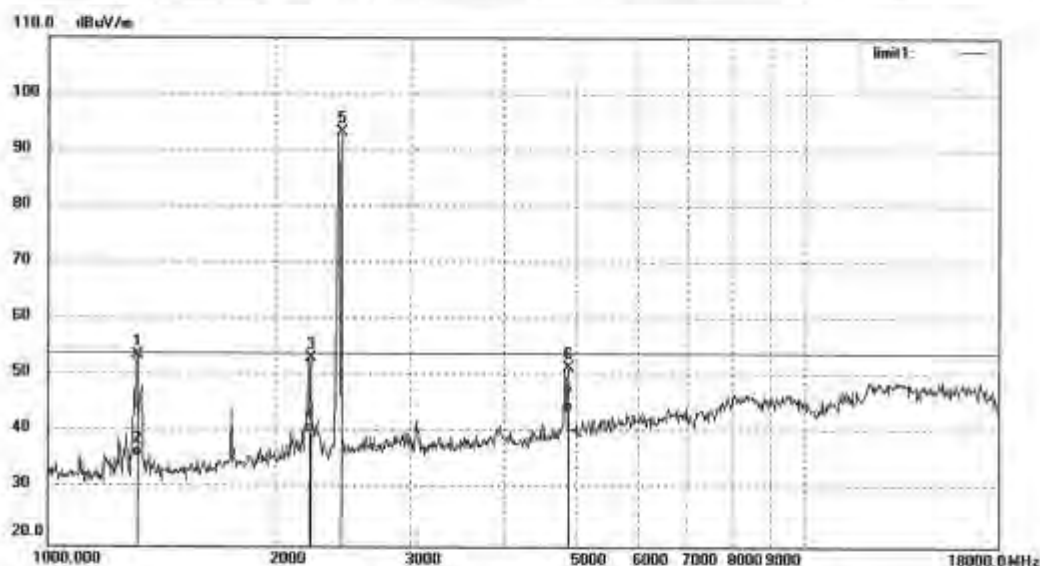
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.195	65.73	-12.17	53.56	74.00	-20.44	peak			
2	1313.195	47.79	-12.17	35.62	54.00	-18.38	AVG			
3	2227.354	61.46	-8.16	53.30	74.00	-20.70	peak			
4	2227.354	48.07	-8.16	39.91	54.00	-14.09	AVG			
5	2437.000	100.53	-7.36	93.17	/	/	peak			
6	4874.228	51.50	0.09	51.59	74.00	-22.41	peak			
7	4874.228	43.63	0.09	43.72	54.00	-10.28	AVG			



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

Site: 2# Chamber

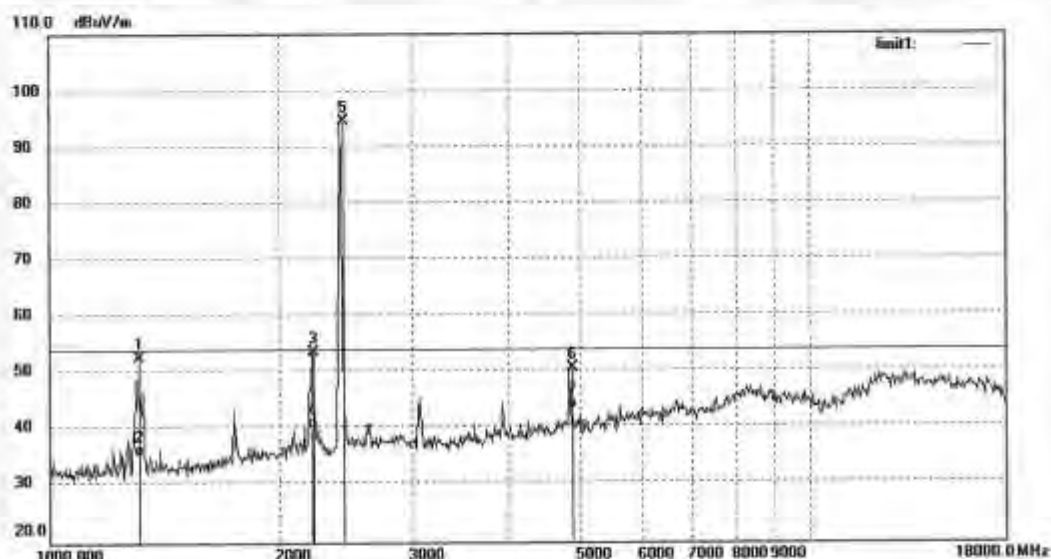
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1514
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2437MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2014-5-11
Time:
Engineer Signature: PEI
Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1312.685	64.93	-12.17	52.76	74.00	-21.24	peak			
2	1312.685	47.63	-12.17	35.46	54.00	-18.54	AVG			
3	2226.742	61.84	-8.16	53.68	74.00	-20.32	peak			
4	2226.742	48.24	-8.16	40.08	54.00	-13.92	AVG			
5	2437.000	101.97	-7.36	94.61	/	/	peak			
6	4874.266	50.63	0.09	50.72	74.00	-23.28	peak			
7	4874.266	43.37	0.09	43.46	54.00	-10.54	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1511

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

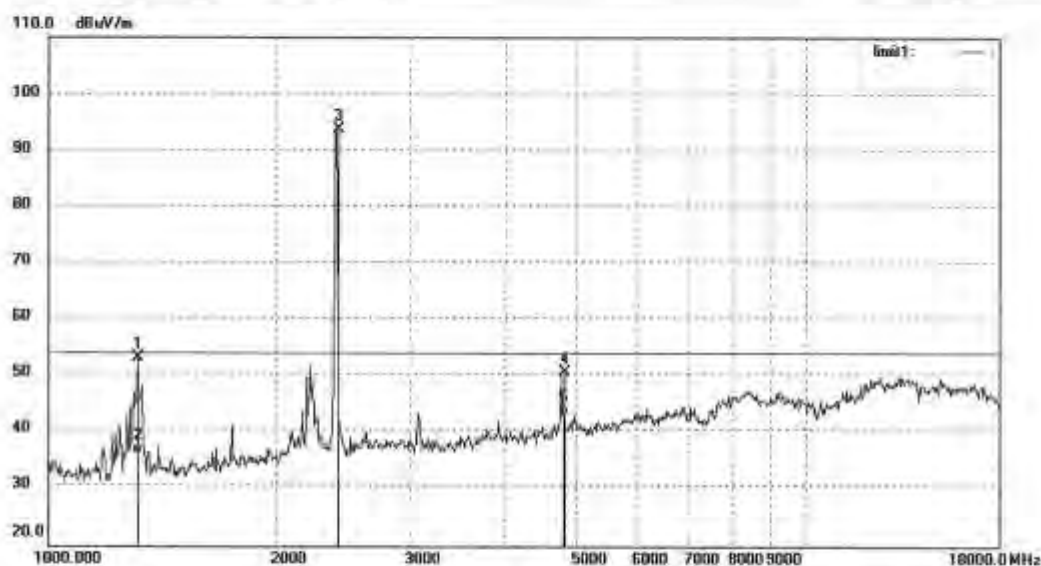
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.450	65.36	-12.17	53.19	74.00	-20.81	peak			
2	1313.450	48.32	-12.17	36.15	54.00	-17.85	AVG			
3	2412.000	101.06	-7.43	93.63	/	/	peak			
4	4824.263	51.00	-0.19	50.81	74.00	-23.19	peak			
5	4824.263	43.29	-0.19	43.10	54.00	-10.90	AVG			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1510

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

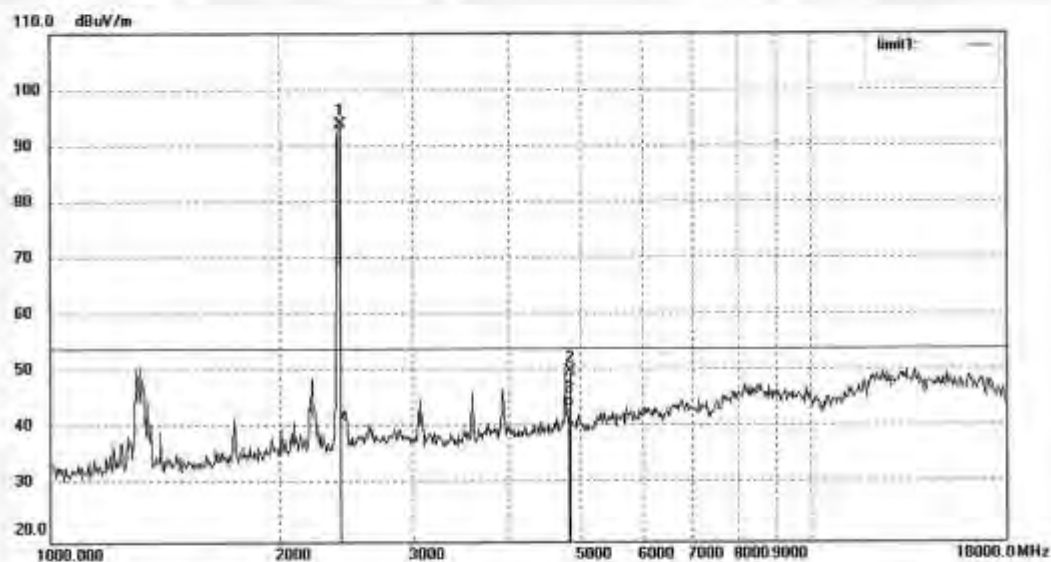
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	101.33	-7.43	93.90	/	/	peak			
2	4824.271	50.29	-0.19	50.10	74.00	-23.90	peak			
3	4824.271	43.89	-0.19	43.70	54.00	-10.30	AVG			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1608

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

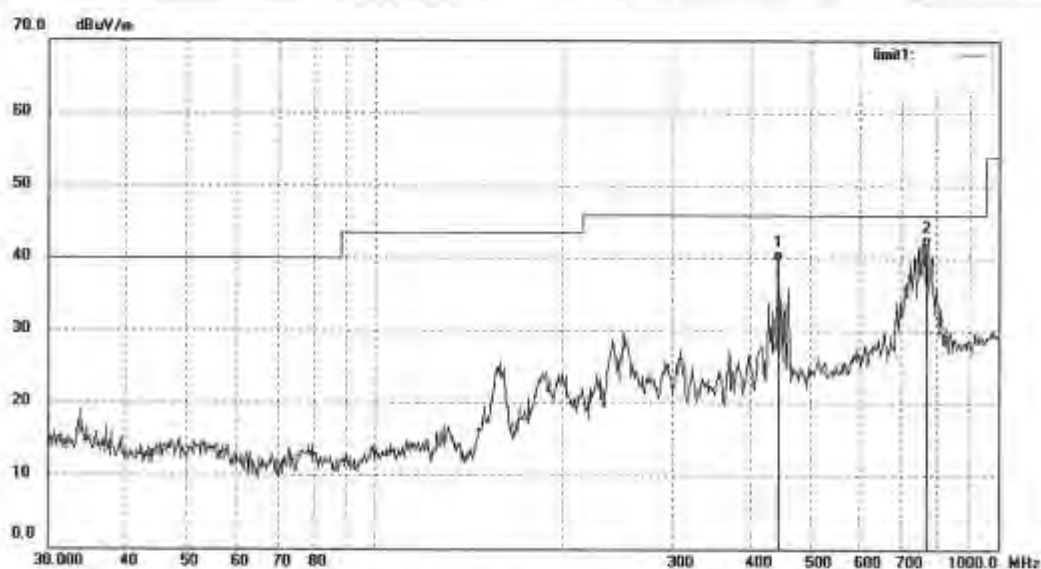
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11g



No	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.5258	45.50	-5.85	39.65	46.00	-6.35	QP			
2	767.7530	42.44	-0.74	41.70	46.00	-4.30	QP			



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1605

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

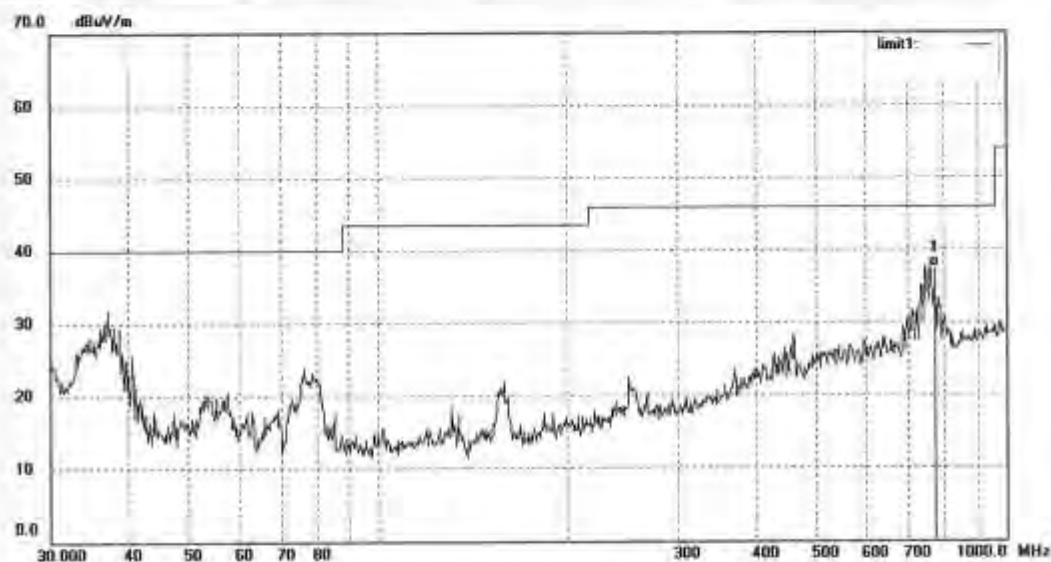
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	766.9691	38.24	-0.75	37.49	46.00	-8.51	QP			



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Site: 2# Chamber

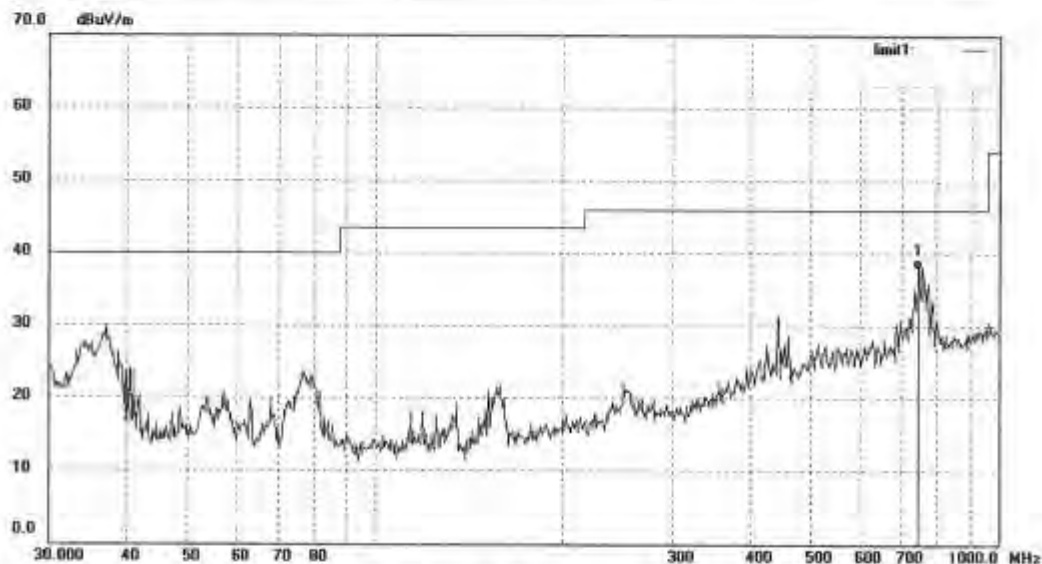
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1604
Standard: FCC Class B 3M Radiated
Test Item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2437MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature:
Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	742.7317	39.03	-1.15	37.88	46.00	-8.12	QP			



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Site: 2# Chamber

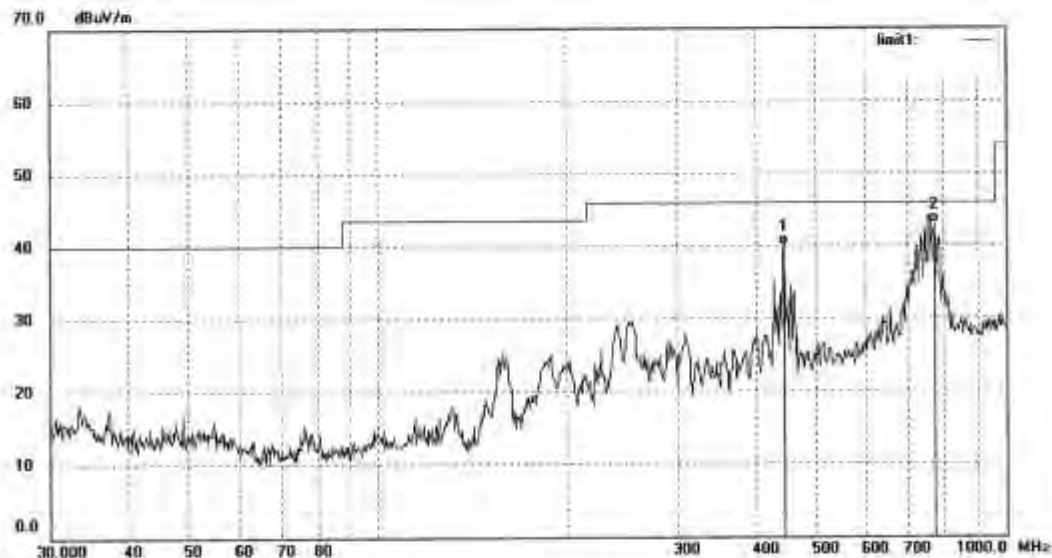
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1603
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2437MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature:
Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.4393	45.87	-5.86	40.01	46.00	-5.99	QP			
2	766.8113	43.65	-0.74	42.91	46.00	-3.09	QP			

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1602

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

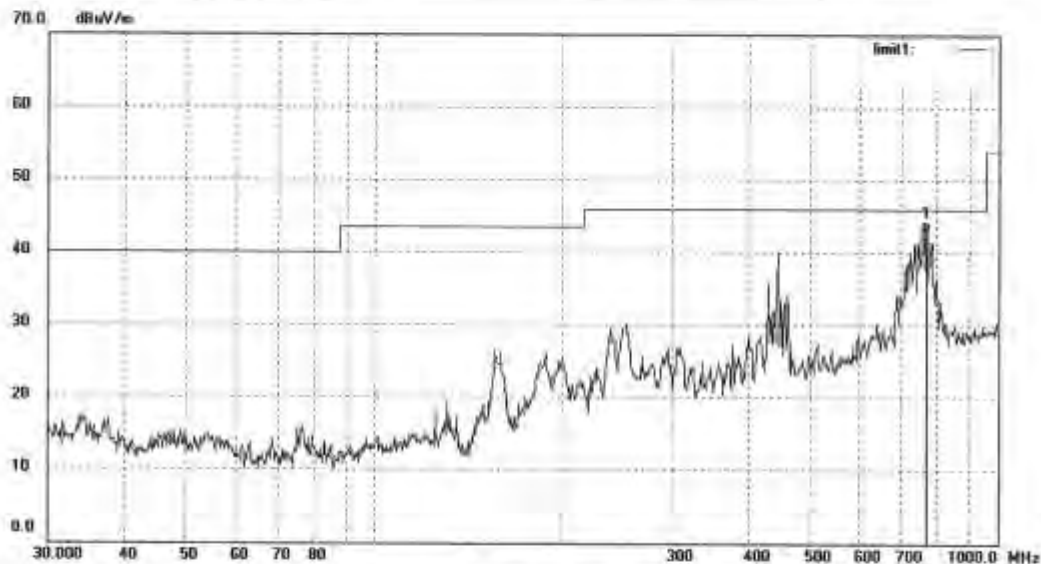
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	766.1340	43.72	-0.76	42.96	46.00	-3.04	QP			



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Site: 2# Chamber

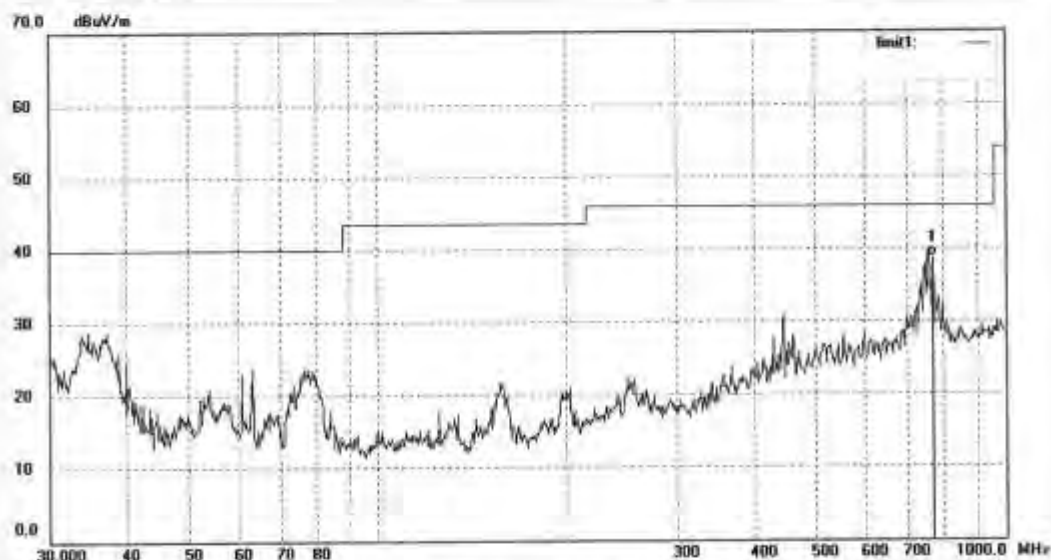
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1601
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2412MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature:
Distance:

Note: 802.11g



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	765.7898	39.49	-0.77	38.72	46.00	-7.28	QP			

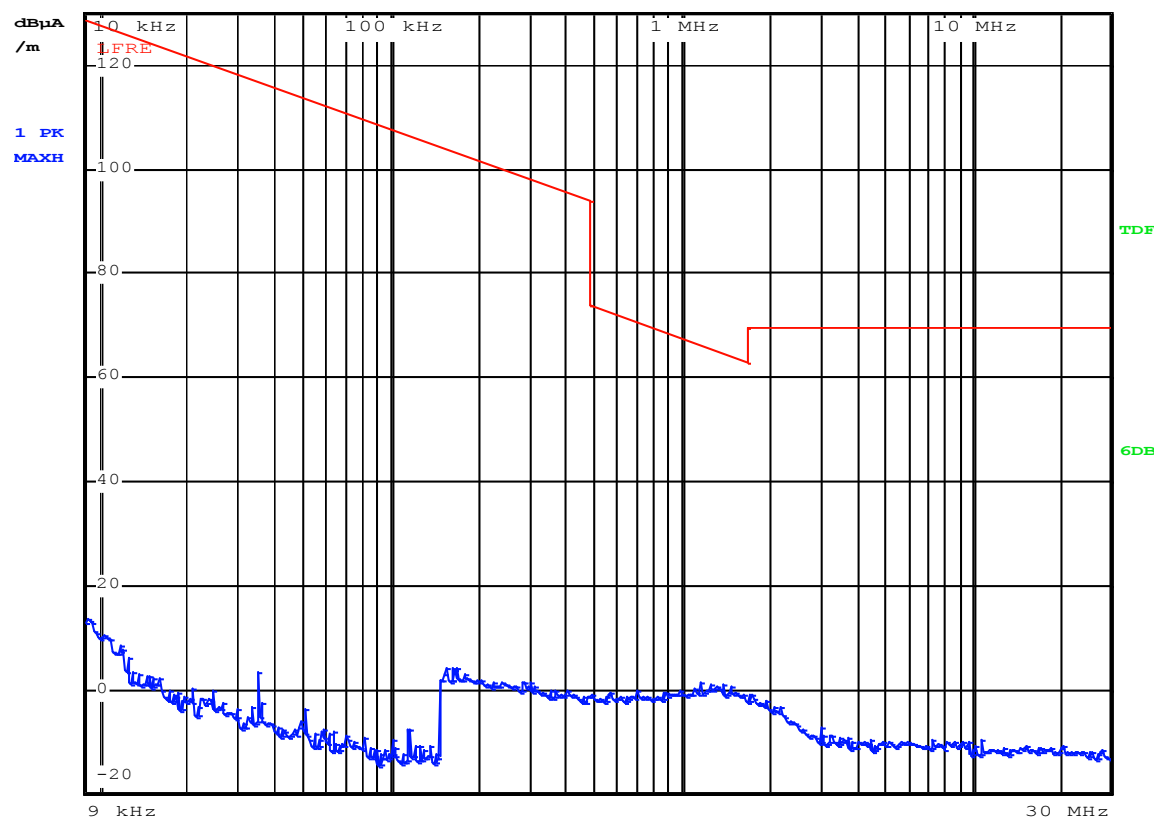
11 Test Plot of Spurious Emission of transmitting of 802.11 n mode

Low Channel, X direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 14.MAY.2014 12:30:07

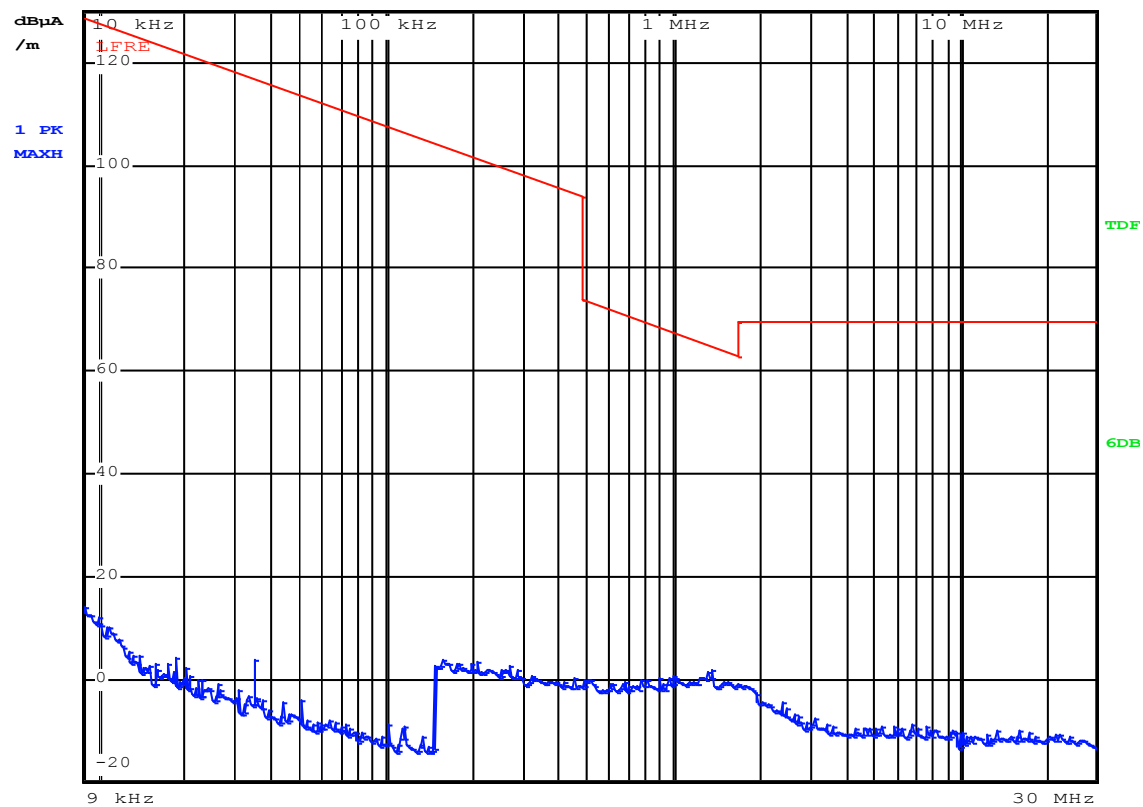
Low Channel, Y direction



RBW 200 Hz

MT 50 ms

Att 10 dB AUTO PREAMP OFF



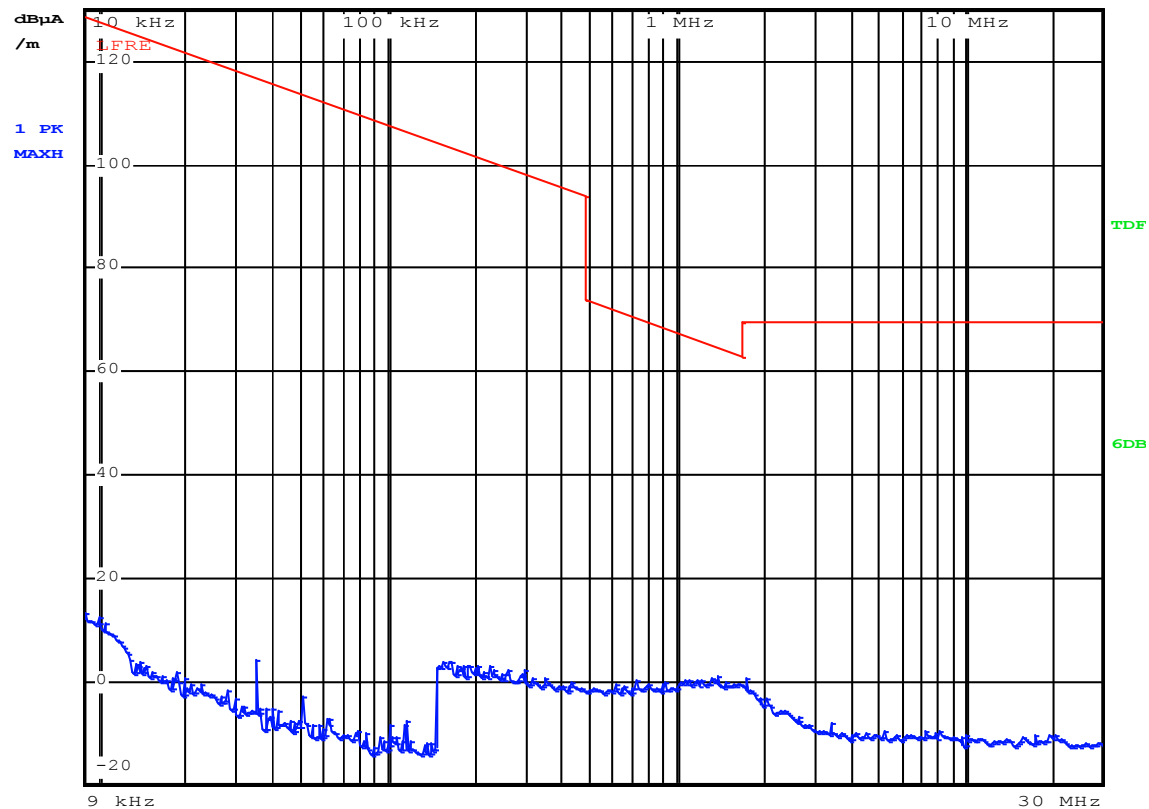
Date: 14.MAY.2014 12:32:35

Low Channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



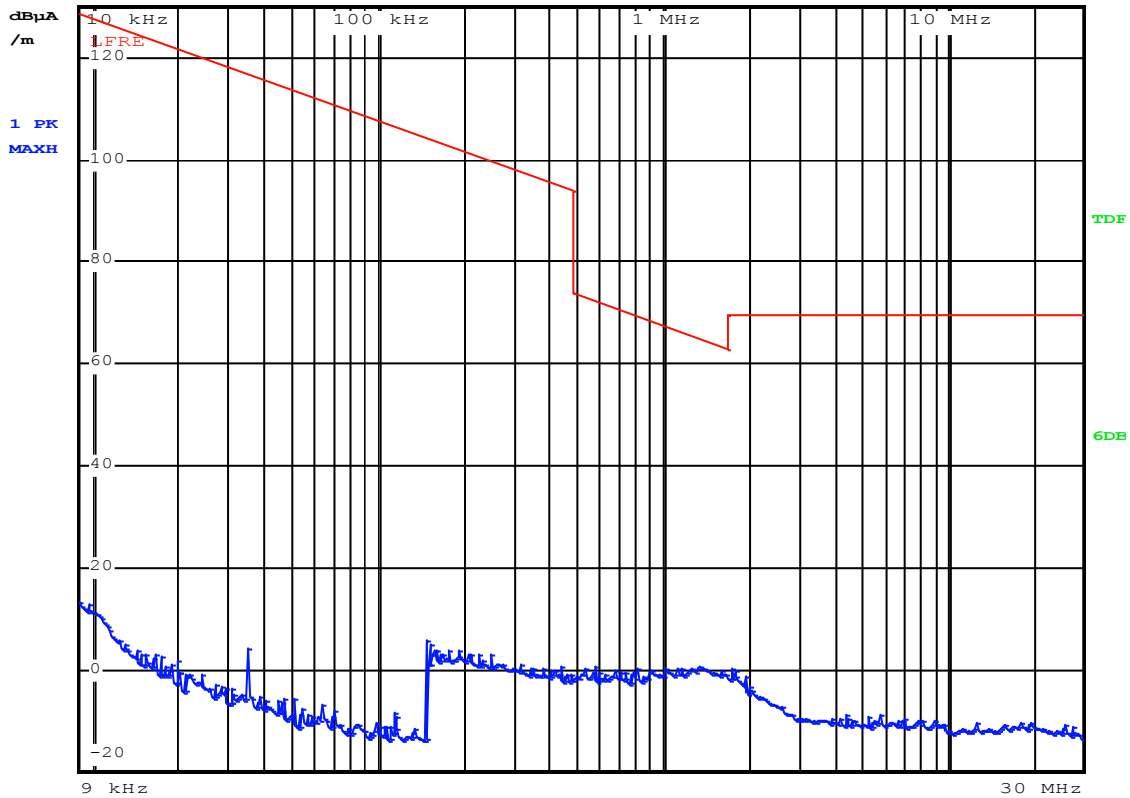
Date: 14.MAY.2014 12:34:38

Middle Channel, X direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



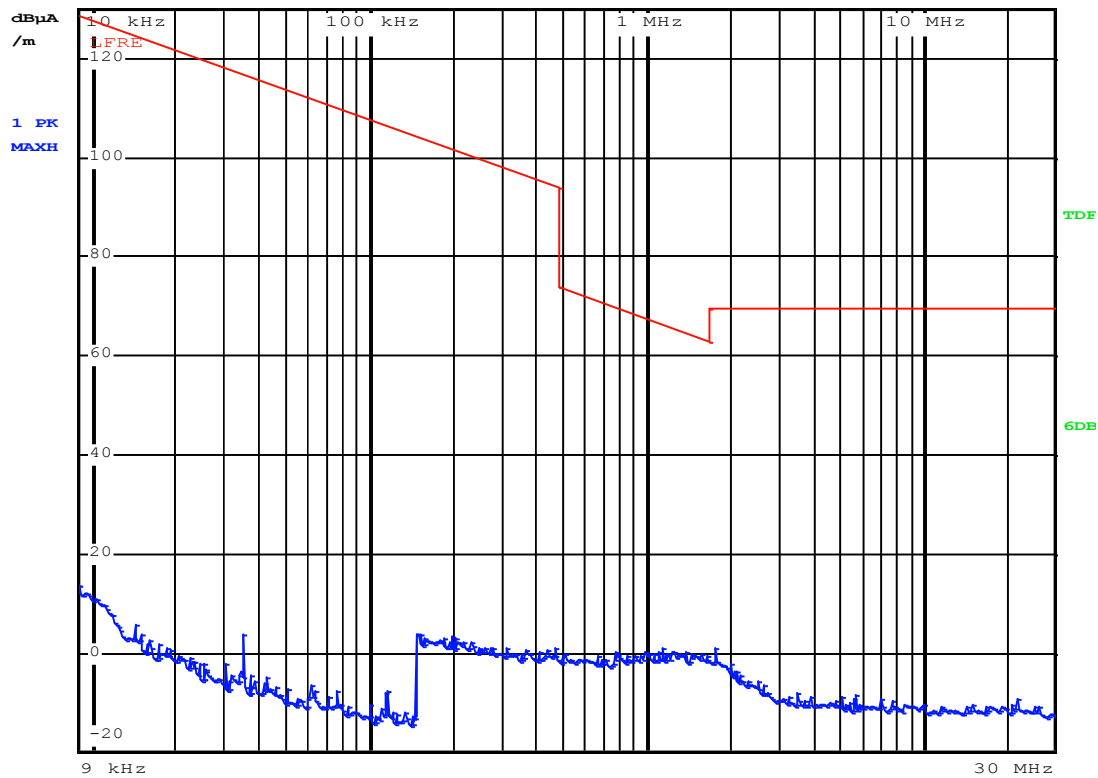
Date: 14.MAY.2014 12:36:35

Middle Channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



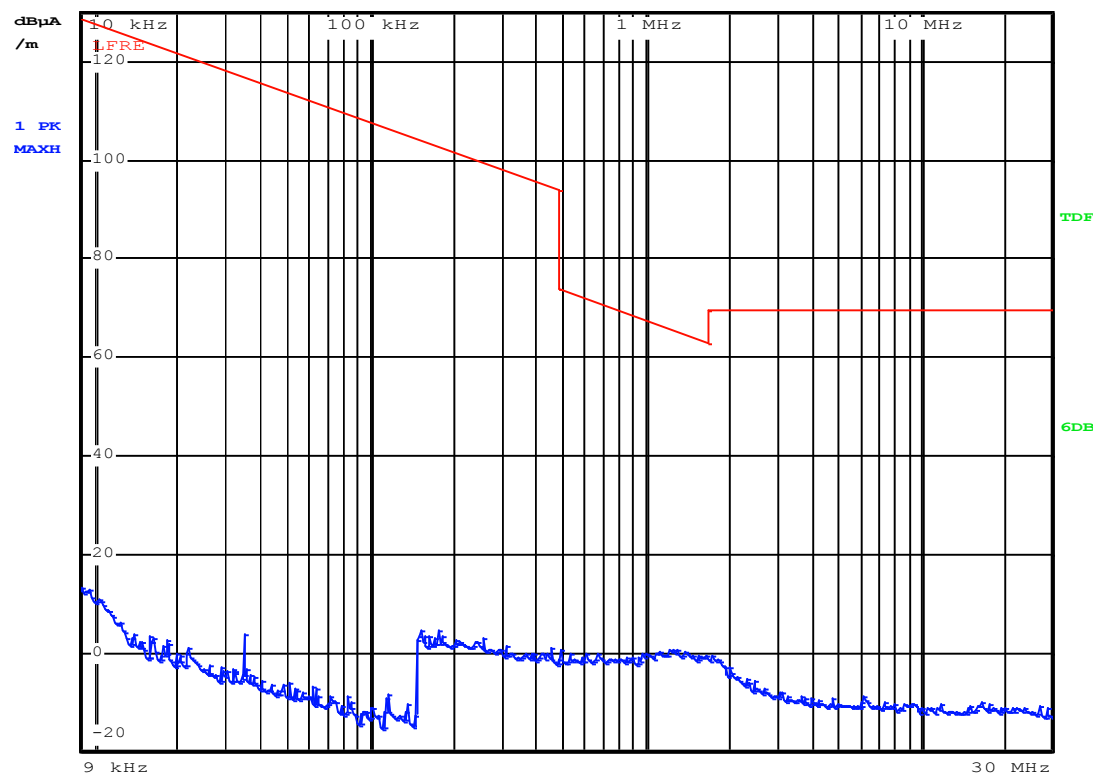
Date: 14.MAY.2014 12:38:32

Middle Channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



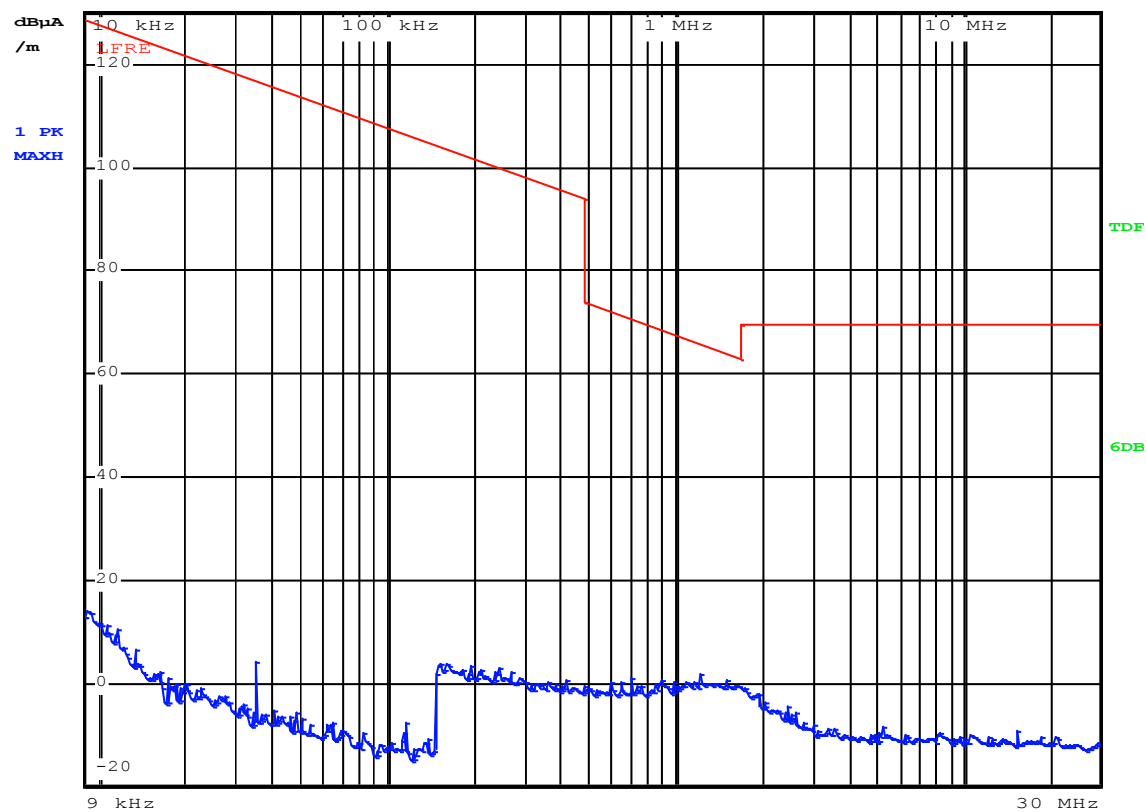
Date: 14.MAY.2014 12:41:47

High Channel, X direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



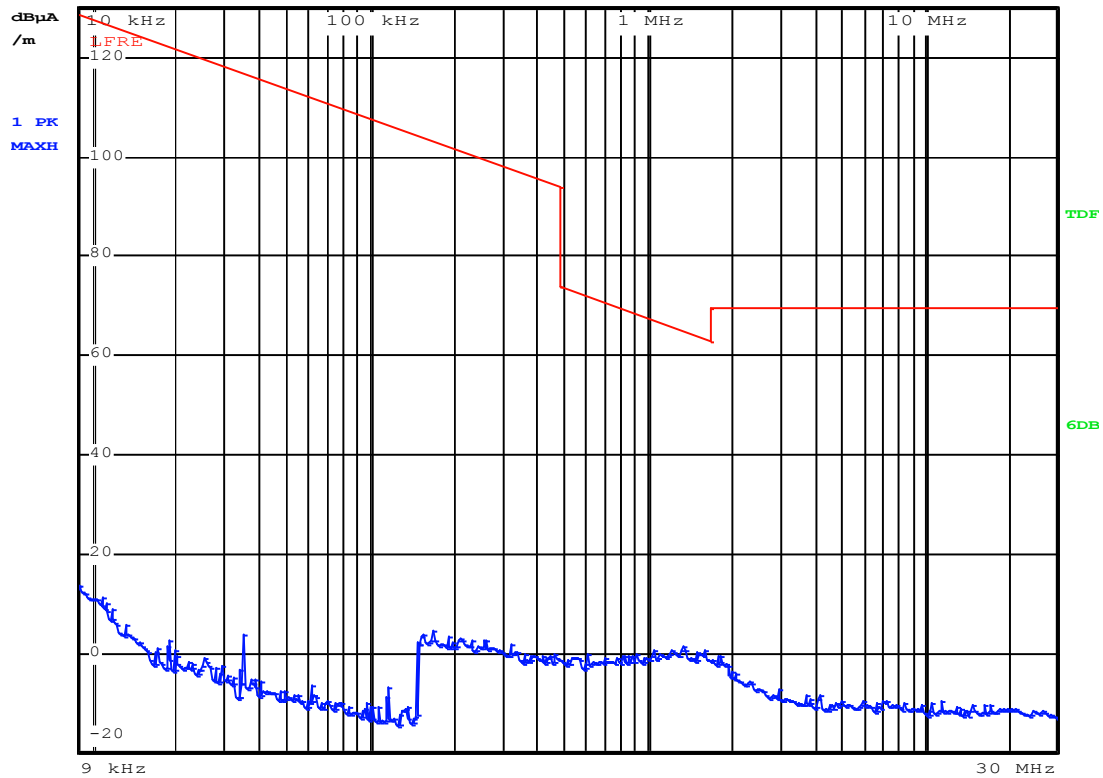
Date: 14.MAY.2014 12:43:43

High Channel, Y direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



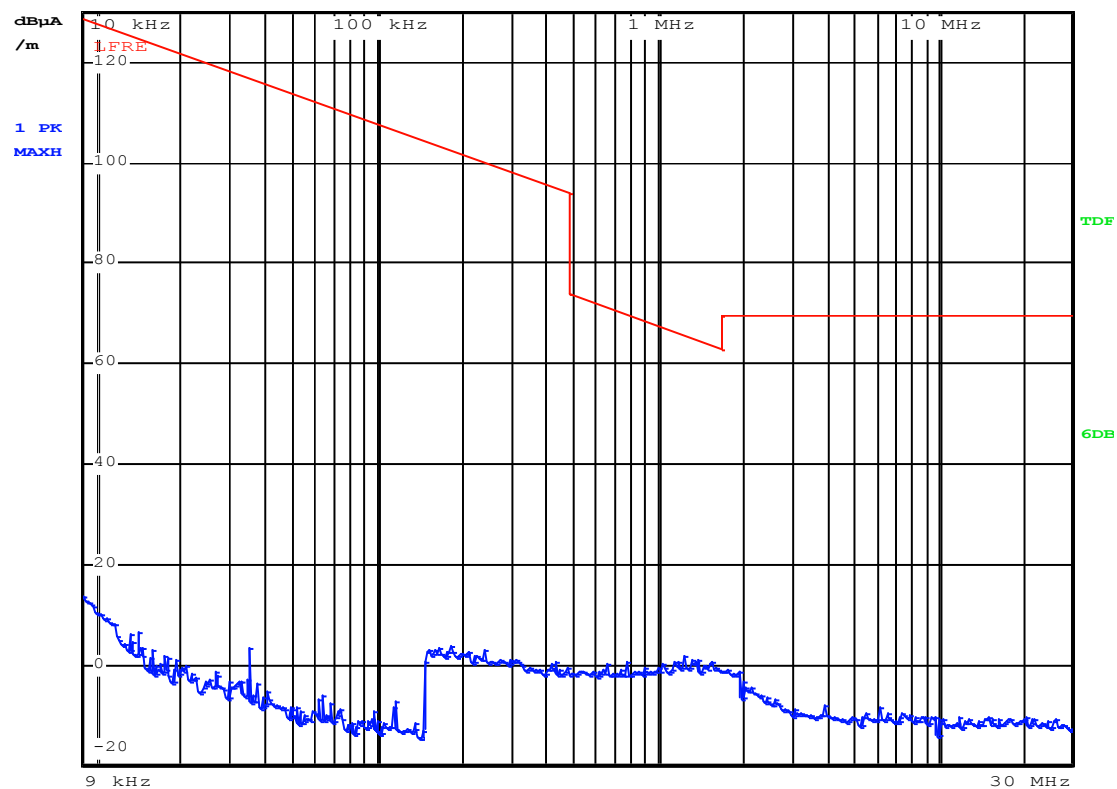
Date: 14.MAY.2014 12:45:39

High Channel, Z direction



RBW 200 Hz
MT 50 ms

Att 10 dB AUTO PREAMP OFF



Date: 14.MAY.2014 12:47:35

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1667

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

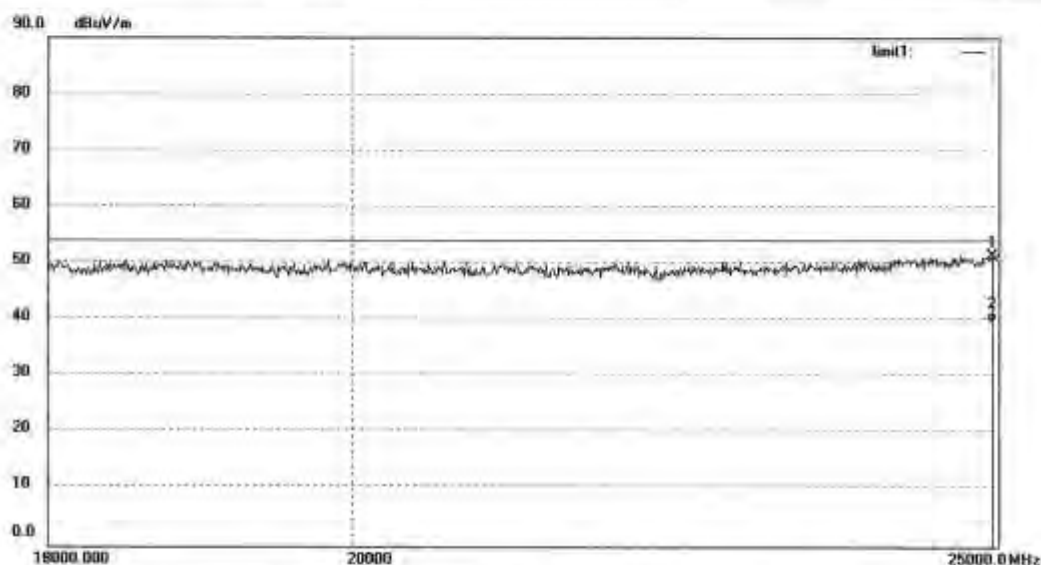
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24950.674	32.49	18.83	51.32	74.00	-22.68	peak			
2	24950.674	20.87	18.83	39.70	54.00	-14.30	AVG			

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1866

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2482MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

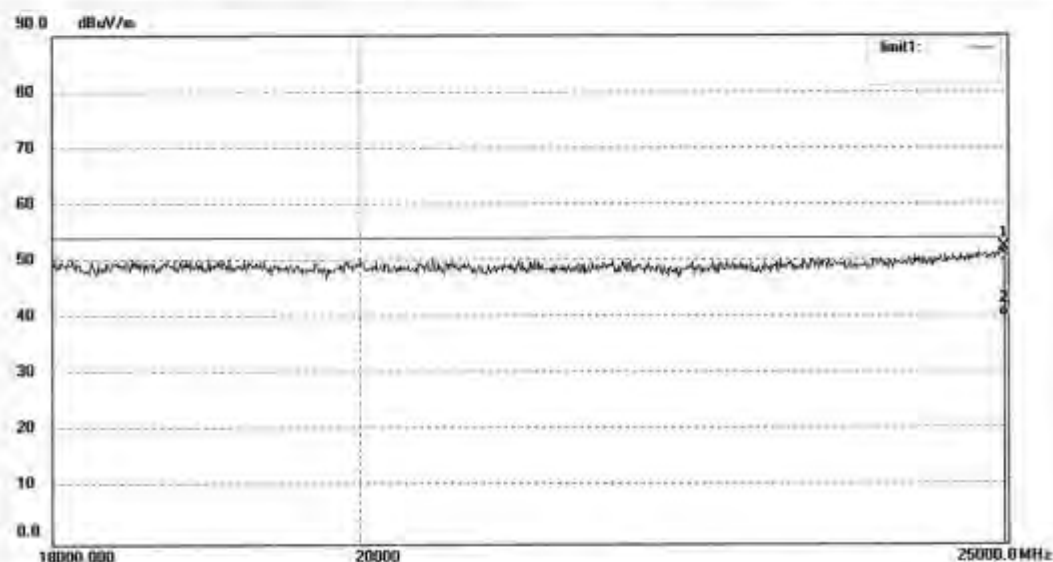
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	33.40	18.87	52.27	74.00	-21.73	peak			
2	24975.325	21.11	18.87	39.98	54.00	-14.02	AVG			


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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1665

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

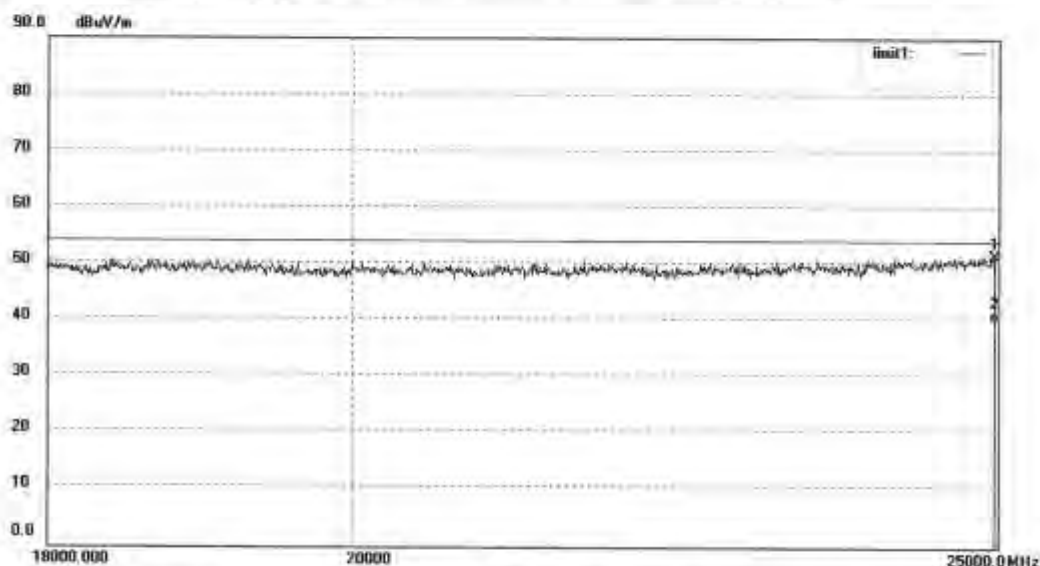
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	32.49	18.87	51.36	74.00	-22.64	peak			
2	24975.325	21.17	18.87	40.04	54.00	-13.96	AVG			



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Site: 1# Chamber

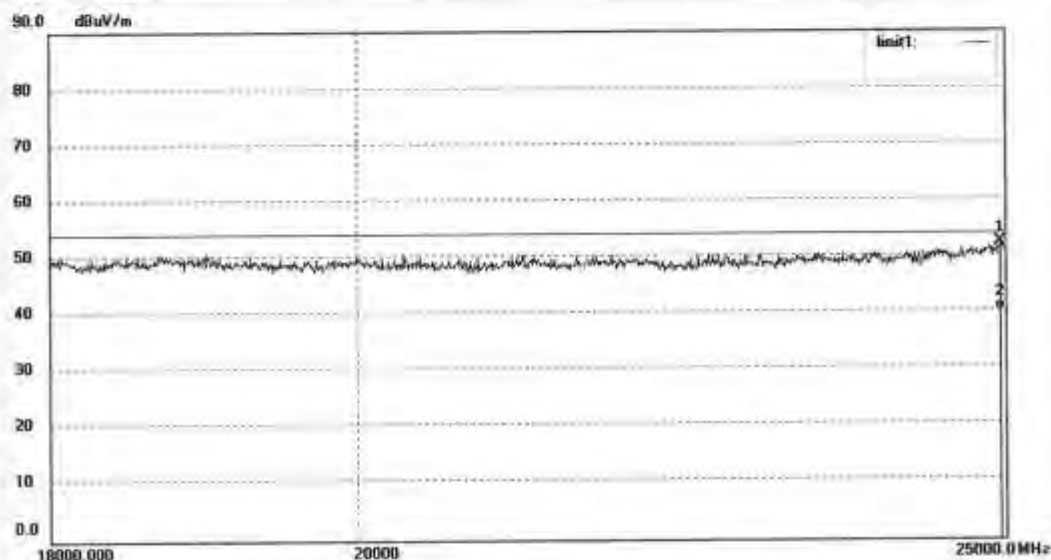
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1664
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2437MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature: PEI
Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24967.105	33.36	18.85	52.21	74.00	-21.79	peak			
2	24967.105	21.39	18.85	40.24	54.00	-13.76	AVG			

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1663

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Vertical

Power Source: AC 120V/60Hz

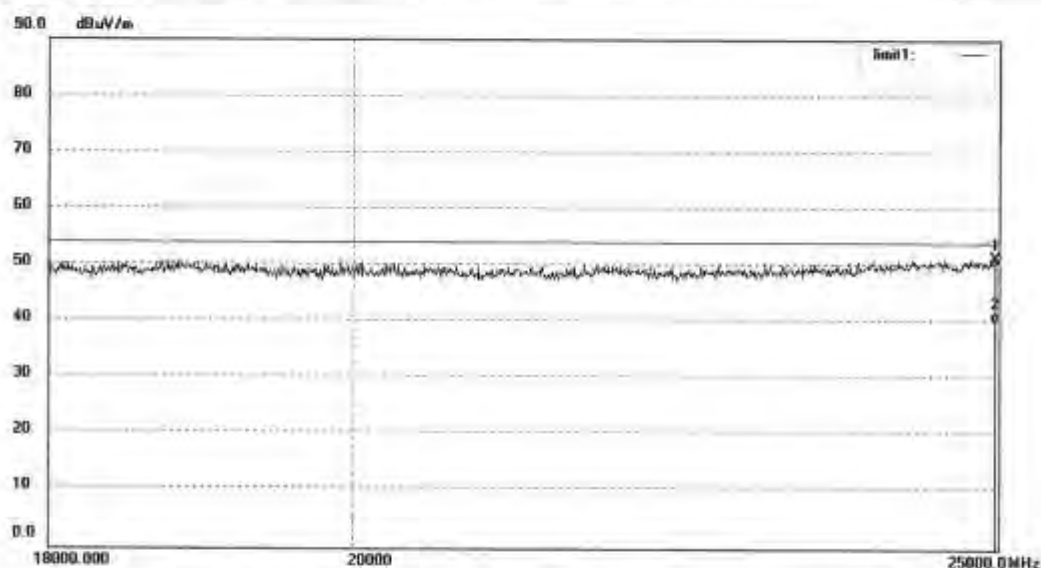
Date: 14/05/14/

Time:

Engineer Signature: PEI

Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	32.63	18.87	51.50	74.00	-22.50	peak			
2	24975.325	21.29	18.87	40.16	54.00	-13.84	AVG			



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Site: 1# Chamber

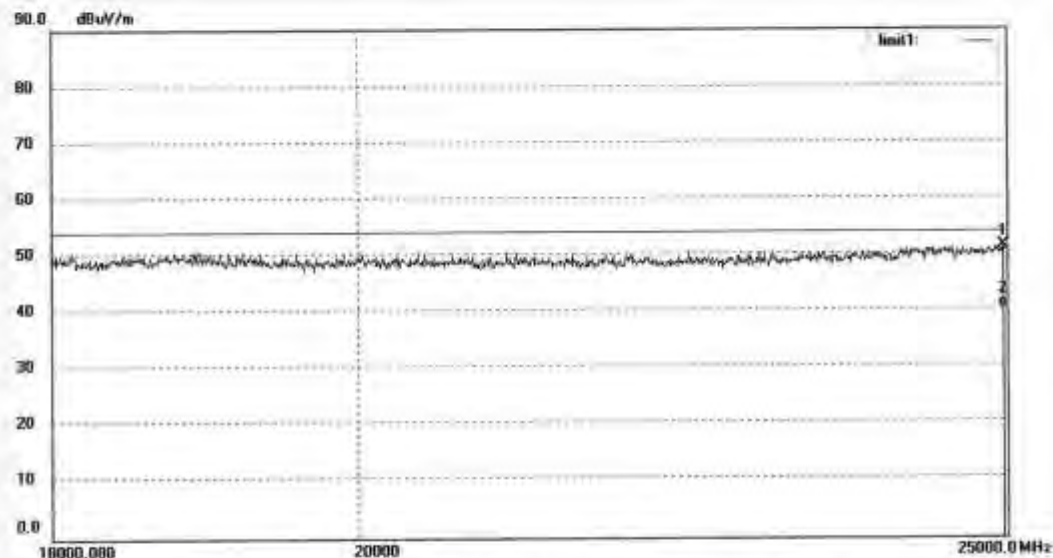
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1662
Standard: FCC Class B 3M Radiated
Test Item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2412MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature: PEI
Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24975.325	32.50	18.87	51.37	74.00	-22.63	peak			
2	24975.325	21.44	18.87	40.31	54.00	-13.69	AVG			


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Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: PHY #1527

Standard: FCC Class B 3M Radiated

Test Item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2462MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

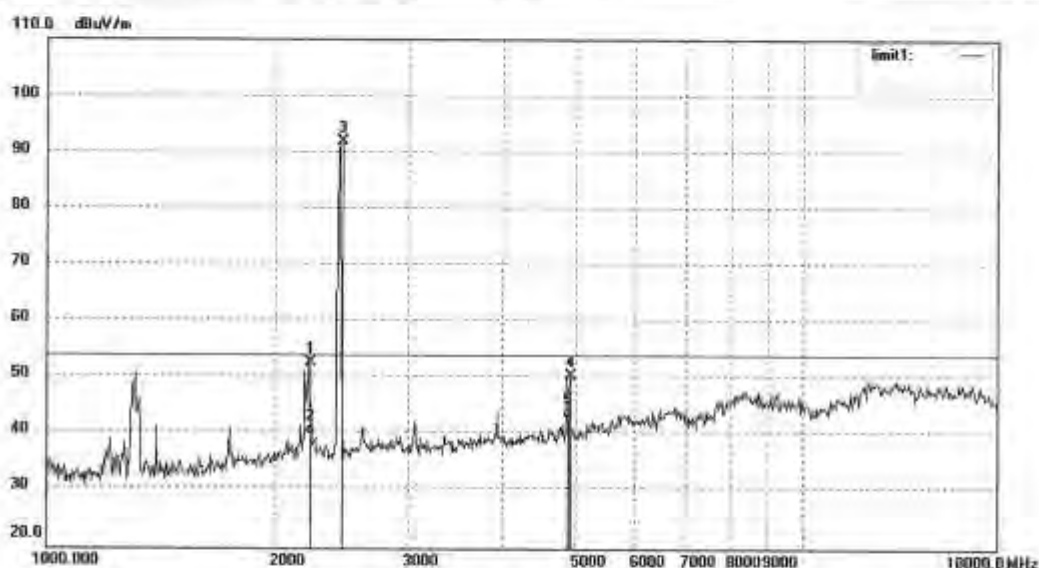
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.584	60.81	-8.16	52.65	74.00	-21.35	peak			
2	2226.584	48.05	-8.16	39.89	54.00	-14.11	AVG			
3	2462.000	99.30	-7.35	91.95	/	/	peak			
4	4924.316	50.24	0.34	50.58	74.00	-23.42	peak			
5	4924.316	42.77	0.34	43.11	54.00	-10.89	AVG			



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Site: 2# Chamber

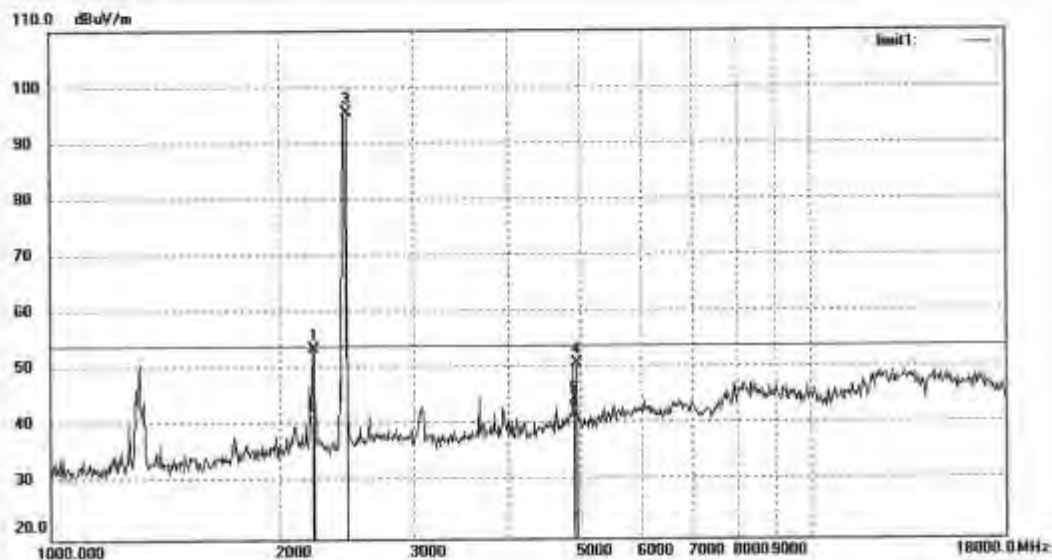
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1526
Standard: FCC Class B 3M Radiated
Test Item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2462MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2014-5-11
Time:
Engineer Signature: PEI
Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.553	61.88	-8.16	53.72	74.00	-20.28	peak			
2	2226.553	48.35	-8.16	40.19	54.00	-13.81	AVG			
3	2462.000	102.77	-7.35	95.42	/	/	peak			
4	4924.184	50.51	0.34	50.85	74.00	-23.15	peak			
5	4924.184	42.64	0.34	42.98	54.00	-11.02	AVG			


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Fax:+86-0755-26503396

Job No.: PHY #1525

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2014-5-11

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Tablet

Engineer Signature: PEI

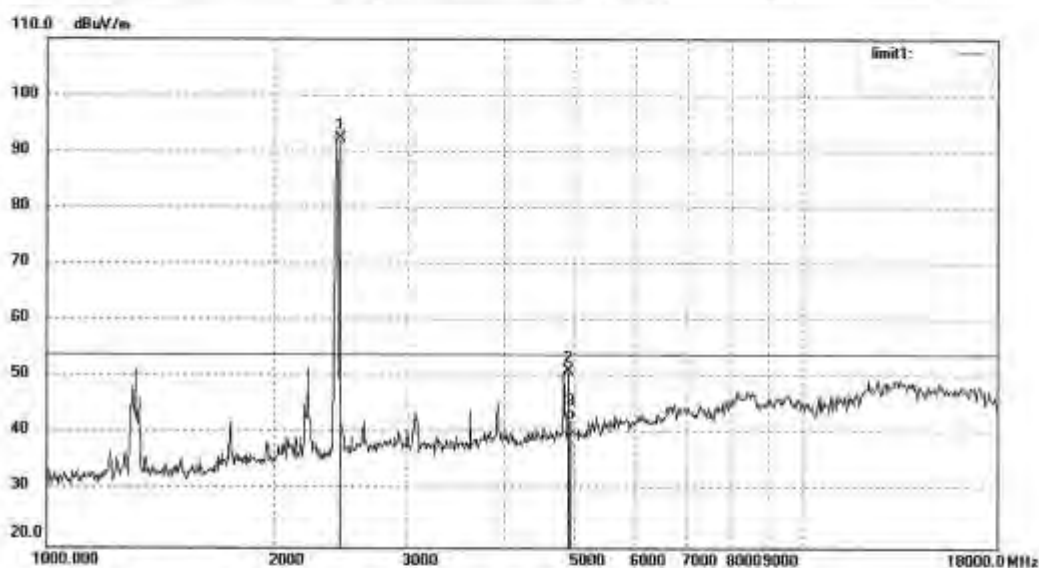
Mode: TX 2437MHz

Distance:

Model: NS-15AT08

Manufacturer: Keen High

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	99.71	-7.36	92.35	/	/	peak			
2	4874.320	51.00	0.09	51.09	74.00	-22.91	peak			
3	4874.320	42.54	0.09	42.63	54.00	-11.37	AVG			



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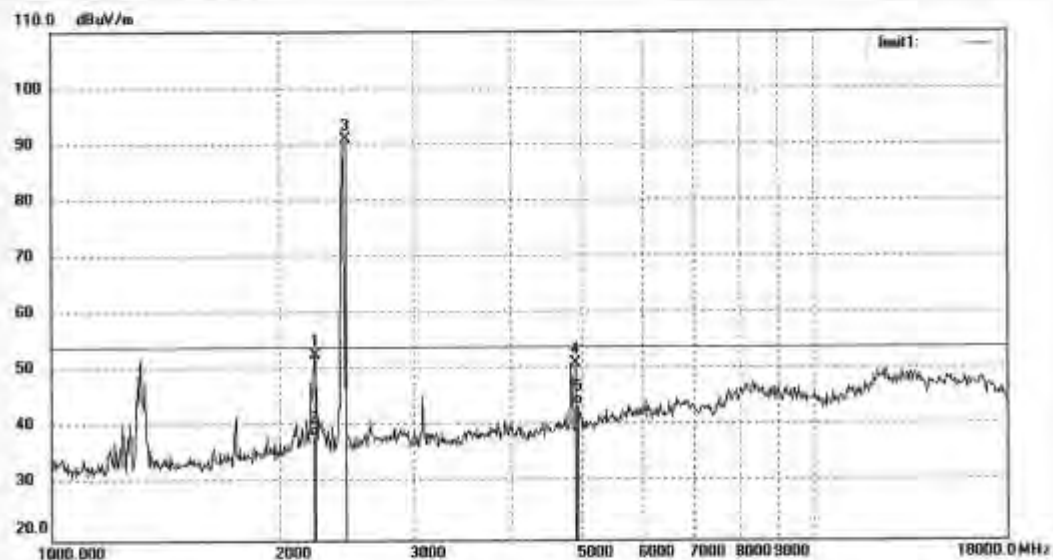
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1524
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2437MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2014-5-11
Time:
Engineer Signature: PEI
Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2226.675	61.01	-8.16	52.85	74.00	-21.15	peak			
2	2226.675	46.52	-8.16	38.36	54.00	-15.64	AVG			
3	2437.000	98.34	-7.36	90.98	/	/	peak			
4	4874.412	50.99	0.09	51.08	74.00	-22.92	peak			
5	4874.412	43.57	0.09	43.66	54.00	-10.34	AVG			


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Fax:+86-0755-26503396

Job No.: PHY #1521

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 2014-5-11

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Tablet

Engineer Signature: PEI

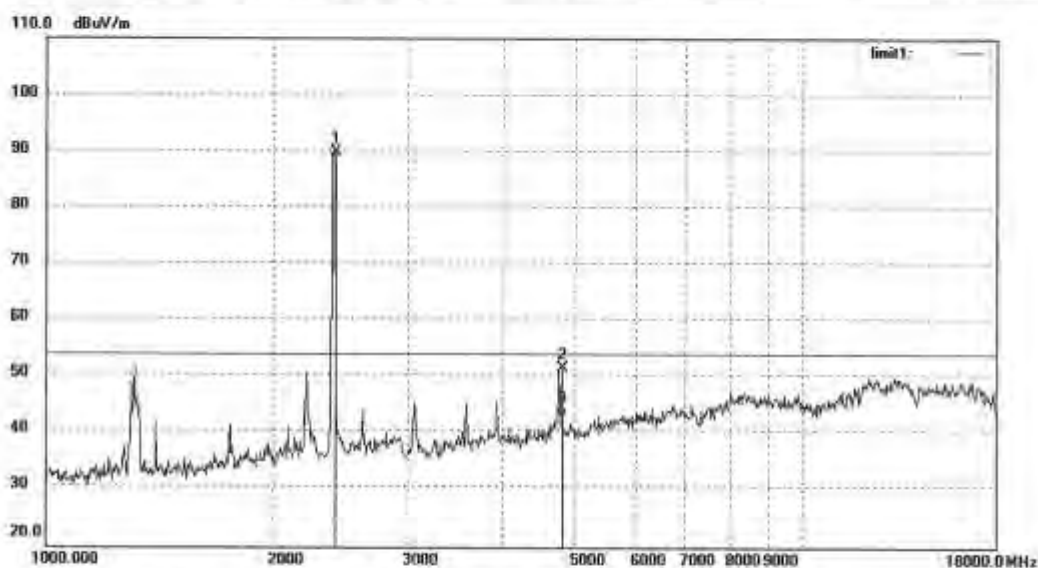
Mode: TX 2412MHz

Distance:

Model: NS-15AT08

Manufacturer: Keen High

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	97.29	-7.43	89.86	/	/	peak			
2	4824.352	51.76	-0.19	51.57	74.00	-22.43	peak			
3	4824.352	43.36	-0.19	43.17	54.00	-10.83	AVG			

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Job No.: PHY #1520

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

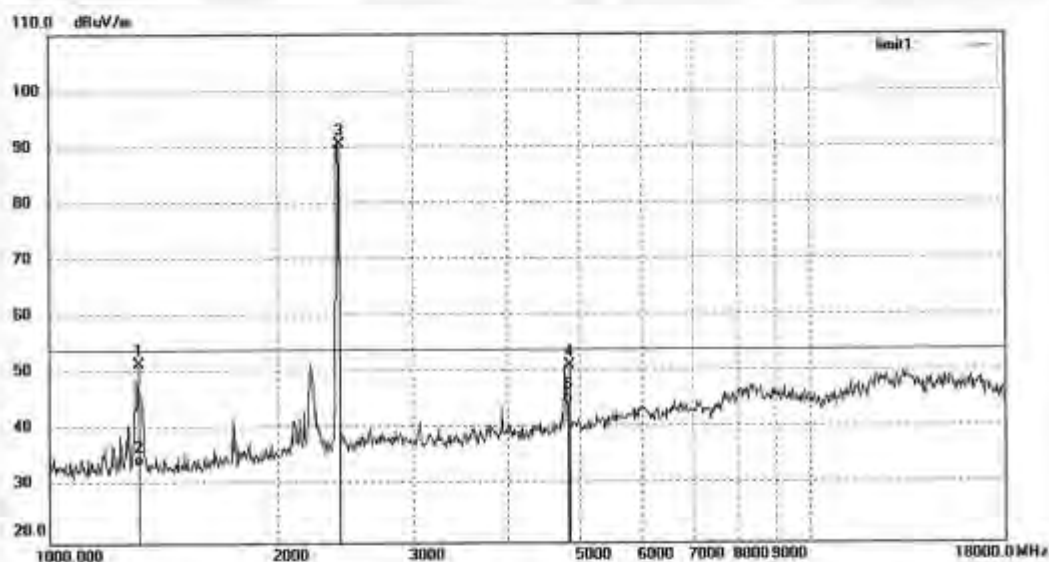
Date: 2014-5-11

Time:

Engineer Signature: PEI

Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1313.514	63.73	-12.17	51.56	74.00	-22.44	peak			
2	1313.514	45.78	-12.17	33.61	54.00	-20.39	AVG			
3	2412.000	98.02	-7.43	90.59	/	/	peak			
4	4824.177	51.37	-0.19	51.18	74.00	-22.82	peak			
5	4824.177	44.54	-0.19	44.35	54.00	-9.65	AVG			

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Tel:+86-0755-26503290

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Job No.: PHY #1612

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test Item: Radiation Test

Date: 14/05/14/

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Tablet

Engineer Signature:

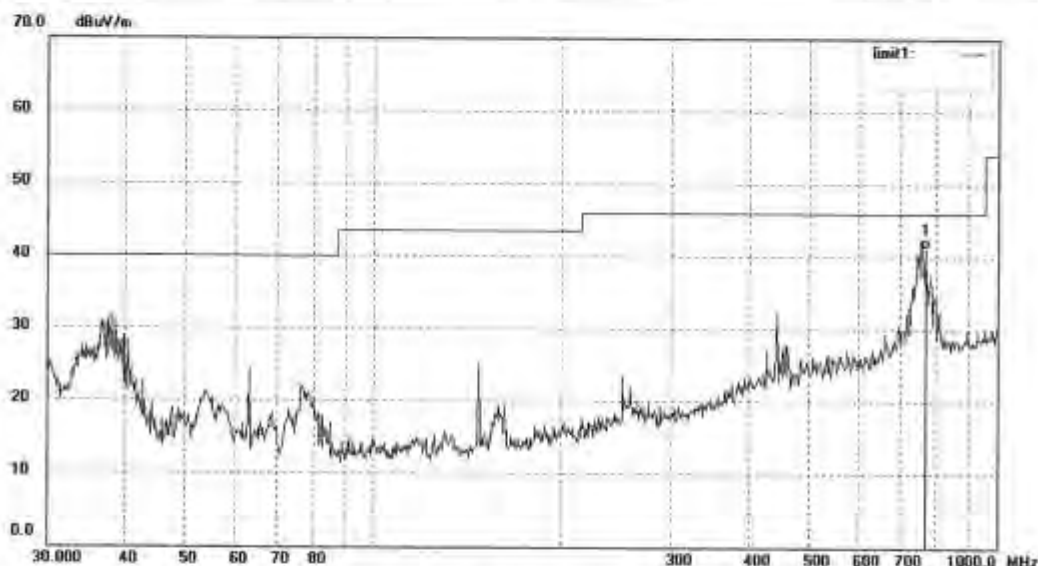
Mode: TX 2462MHz

Distance:

Model: NS-15AT08

Manufacturer: Keen High

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	766.9628	41.99	-0.75	41.24	46.00	-4.76	QP			



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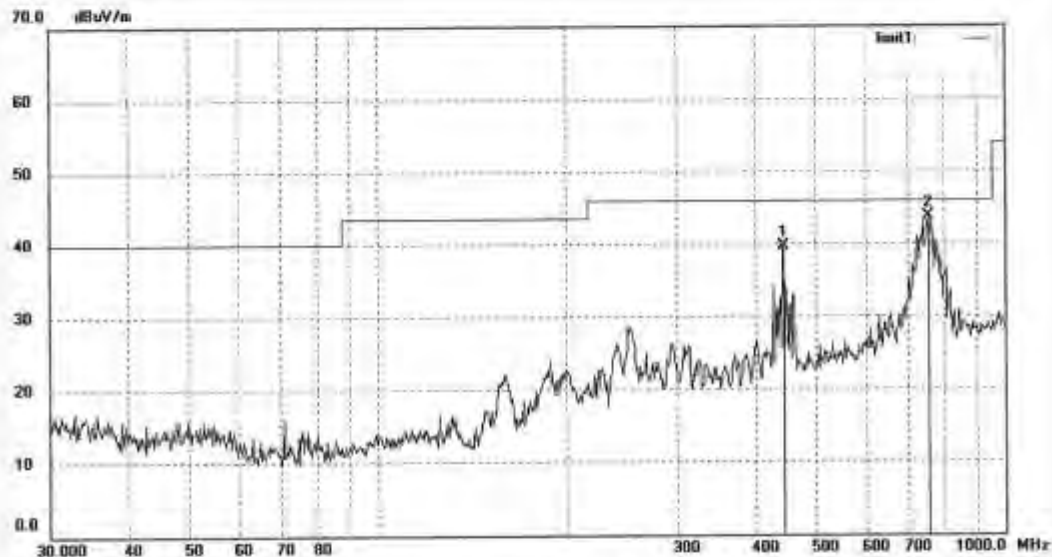
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1611
Standard: FCC Class B 3M Radiated
Test Item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2462MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature:
Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	444.1299	45.50	-5.86	39.64	46.00	-6.36	peak			
2	757.6201	44.62	-0.91	43.71	46.00	-2.29	peak			


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Fax:+86-0755-26503396

Job No.: PHY #1610

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2437MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

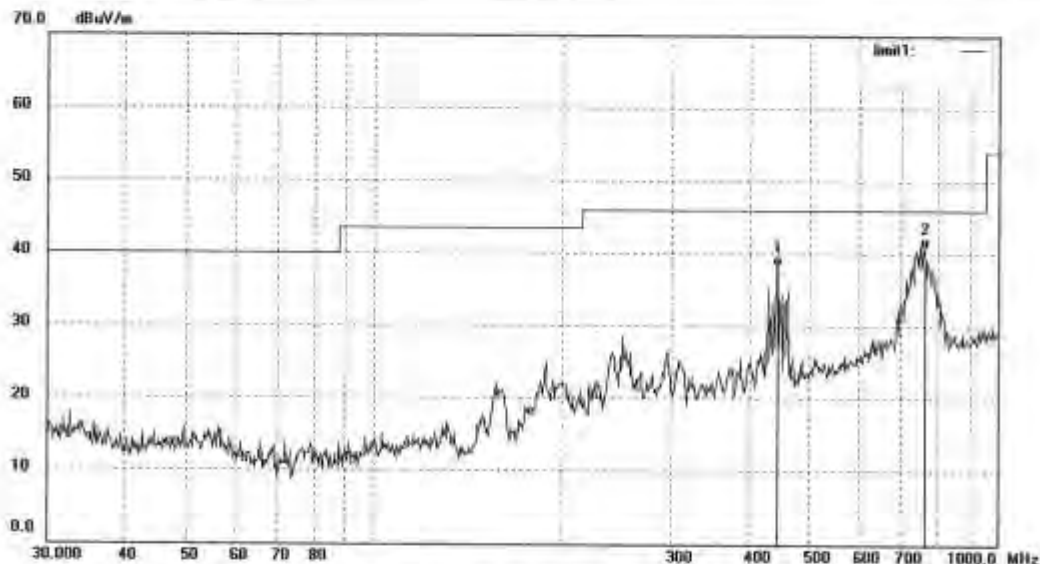
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.4190	44.12	-5.86	38.26	46.00	-7.74	QP			
2	764.3098	41.59	-0.79	40.80	46.00	-5.20	QP			



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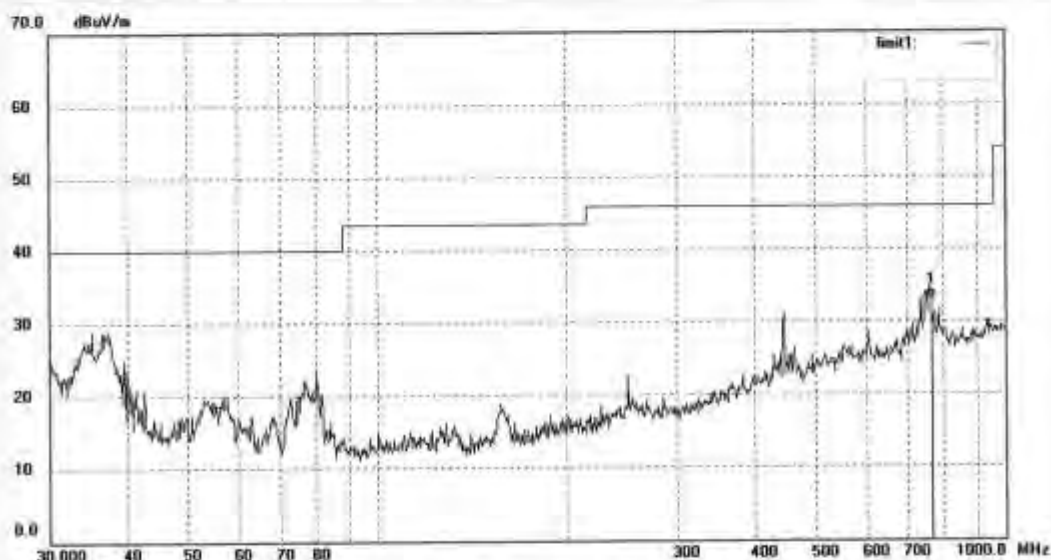
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1609
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Tablet
Mode: TX 2437MHz
Model: NS-15AT08
Manufacturer: Keen High

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/05/14/
Time:
Engineer Signature:
Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	766.8580	33.75	-0.75	33.00	46.00	-13.00	QP			

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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1608

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 14/05/14/

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Tablet

Engineer Signature:

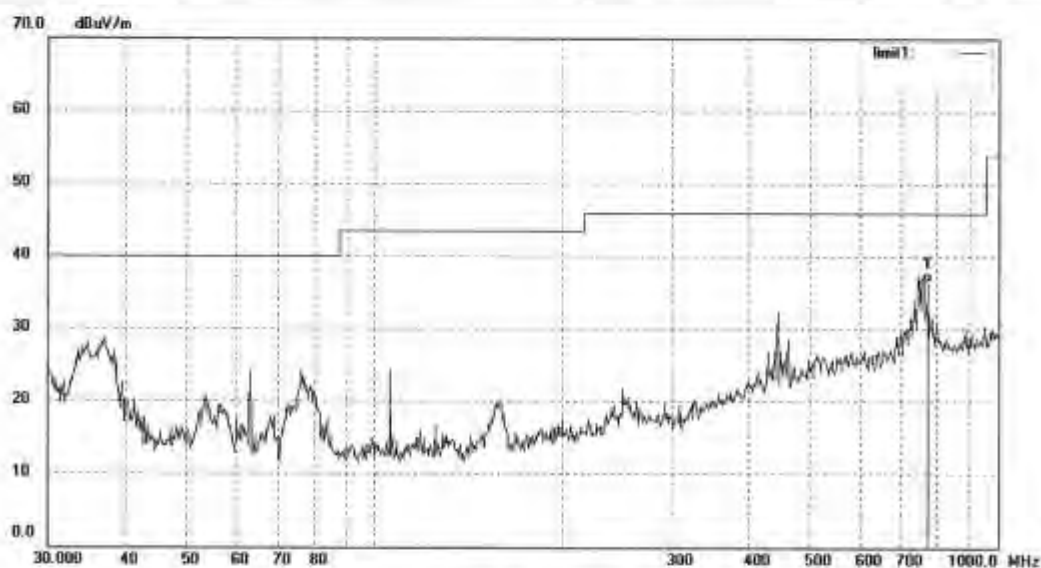
Mode: TX 2412MHz

Distance:

Model: NS-15AT08

Manufacturer: Keen High

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	766.3265	37.18	-0.75	36.43	46.00	-9.57	QP			

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Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1607

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Tablet

Mode: TX 2412MHz

Model: NS-15AT08

Manufacturer: Keen High

Polarization: Horizontal

Power Source: AC 120V/60Hz

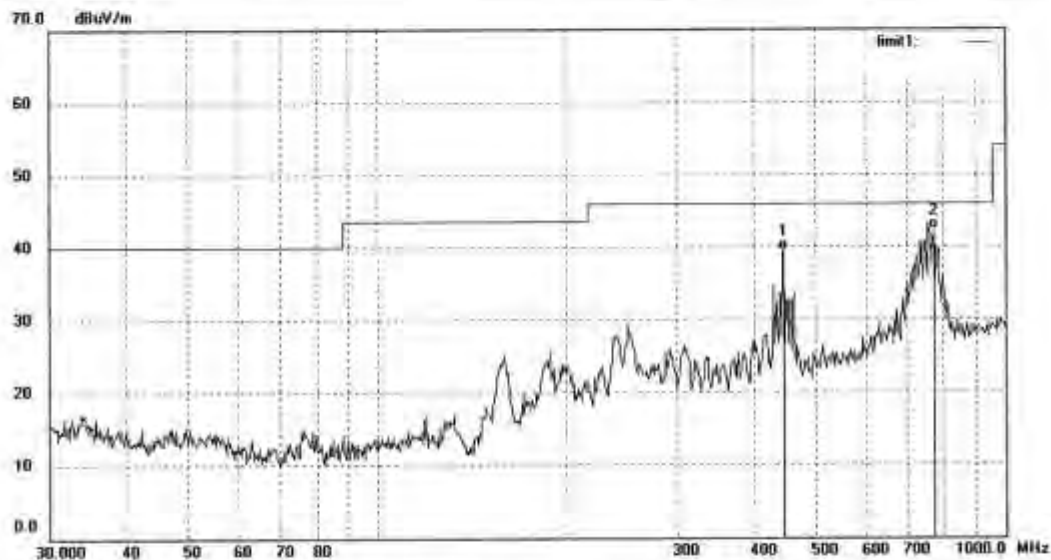
Date: 14/05/14/

Time:

Engineer Signature:

Distance:

Note: 802.11n



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	445.6790	45.27	-5.85	39.42	46.00	-6.58	QP			
2	767.0268	42.97	-0.75	42.22	46.00	-3.78	QP			

12 Test Plot of Conducted Emissions

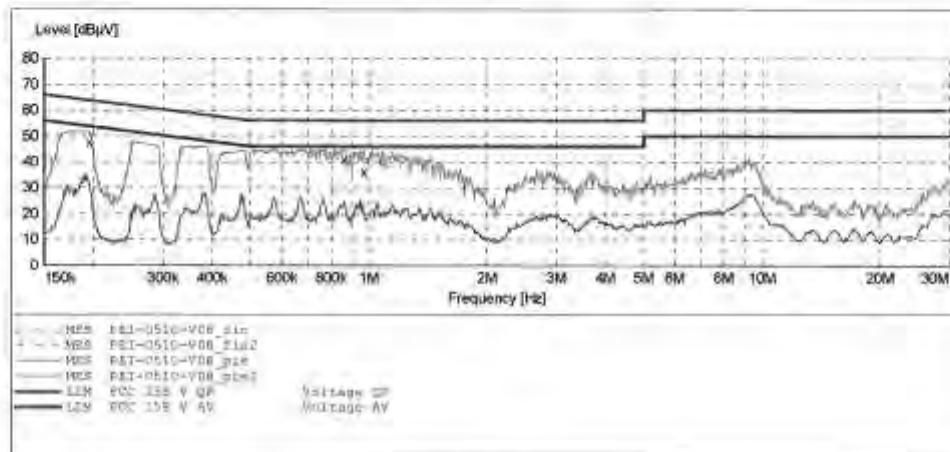
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CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Tablet M/N: NS-15A108
Manufacturer: Keen High
Operating Condition: On with Bluetooth
Test Site: 1#Shielding Room
Operator: PEI
Test Specification: N 120V/60Hz
Comment: Mains port
Start of Test: 5/10/2014 / 9:28:25AM

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

Short Description: SUB STD VTERM2 1.70
Start Stop Step Detector Meas. IF Transducer
Frequency Frequency Width Time Bandw.
150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK6126 2008
Average



MEASUREMENT RESULT: "PEI-0510-V08_fin"

5/10/2014 9:36AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.195216	47.60	10.5	64	16.2	QP	N	GND
0.861901	41.00	10.8	56	15.0	QP	N	GND
0.971558	36.20	10.8	56	19.8	QP	N	GND

MEASUREMENT RESULT: "PEI-0510-V08_fin2"

5/10/2014 9:36AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.189837	33.30	10.5	54	20.7	AV	N	GND
0.477384	25.10	10.7	46	21.3	AV	N	GND
0.952358	23.30	10.8	46	22.7	AV	N	GND

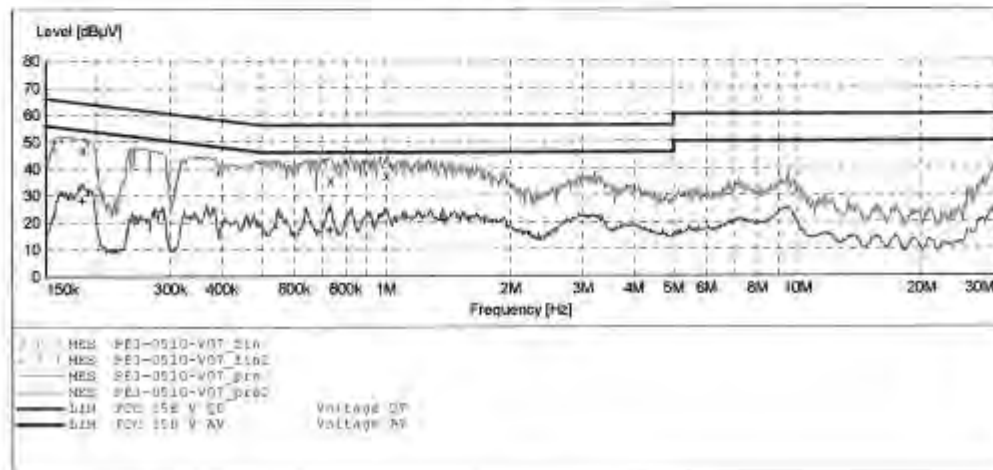
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Tablet M/N: NS-15AT08
Manufacturer: Keen High
Operating Condition: On with Bluetooth
Test Site: 1#Shielding Room
Operator: PEI
Test Specification: L 120V/60Hz
Comment: Mains port
Start of Test: 5/10/2014 / 9:20:23AM

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

Short Description: SUB STD VTERM2 1.70
Start Stop Step Detector Meas. IF Transducer
Frequency Frequency Width Time Bandw.
150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK9126.2008
Average



MEASUREMENT RESULT: "PEI-0510-V07_fin"

5/10/2014 9:27AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.184606	46.90	10.5	64	17.4	QP	L1	GND
0.734698	35.50	10.8	56	20.5	QP	L1	GND
1.007099	37.20	10.8	56	18.8	QP	L1	GND

MEASUREMENT RESULT: "PEI-0510-V07_fin2"

5/10/2014 9:27AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.183870	27.90	10.5	54	26.4	AV	L1	GND
0.731771	16.90	10.8	46	29.1	AV	L1	GND
1.374997	20.60	10.9	46	25.4	AV	L1	GND

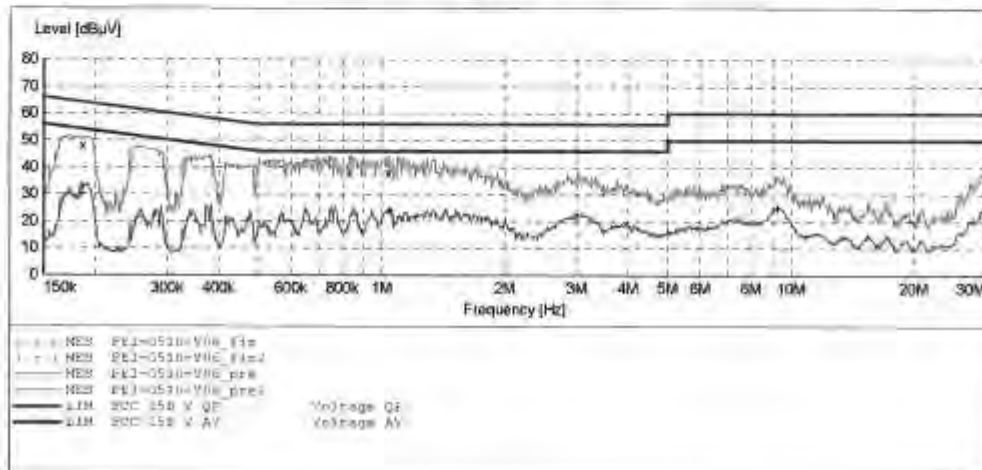
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CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Tablet M/N:NR-15AT08
Manufacturer: Keen High
Operating Condition: On with WiFi
Test Site: 1#Shielding Room
Operator: PEI
Test Specification: L 120V/60Hz
Comment: Mains port
Start of Test: 5/10/2014 / 9:11:29AM

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

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



MEASUREMENT RESULT: "PEI-0510-V06_fin"

5/10/2014 9:18AM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.186085	48.30	10.5	64	15.9	QP	L1	GND
0.838149	38.10	10.8	56	17.9	QP	L1	GND
1.035639	37.90	10.9	56	18.1	QP	L1	GND

MEASUREMENT RESULT: "PEI-0510-V06_fin2"

5/10/2014 9:18AM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.185344	30.00	10.5	54	24.2	AV	L1	GND
1.043940	23.80	10.9	46	22.2	AV	L1	GND
9.268652	24.80	11.3	50	25.2	AV	L1	GND

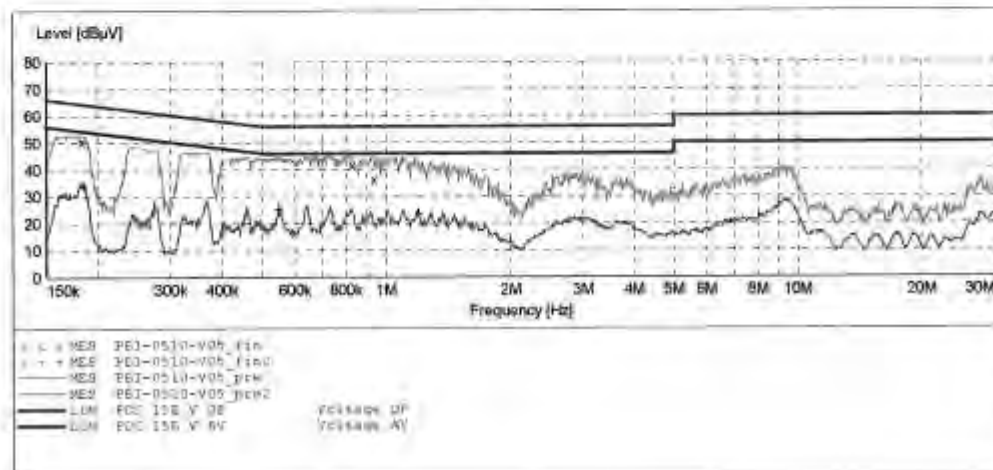
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Tablet M/N: NS-1SAT08
Manufacturer: Keen High
Operating Condition: On with WiFi
Test Site: 1#Shielding Room
Operator: PEI
Test Specification: N 120V/60Hz
Comment: Mains port
Start of Test: 5/10/2014 / 9:00:48AM

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

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



MEASUREMENT RESULT: "PEI-0510-V05_fin"

5/10/2014 9:10AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.183137	50.40	10.5	64	13.9	QP	N	GND
0.824872	41.70	10.8	56	14.3	QP	N	GND
0.933537	36.20	10.8	56	19.8	QP	N	GND

MEASUREMENT RESULT: "PEI-0510-V05_fin2"

5/10/2014 9:10AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.184605	33.80	10.5	54	20.5	AV	N	GND
0.548969	24.90	10.7	46	21.1	AV	N	GND
1.195699	23.40	10.9	46	22.6	AV	N	GND