

Prüfbericht-Nr.: <i>Test Report No.:</i>	17040273 001	Auftrags-Nr.: <i>Order No.:</i>	164013498	Seite 1 von 193 <i>Page 1 of 193</i>	
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	29.04.2014		
Auftraggeber: <i>Client:</i>	Shenzhen Yifang Digital Technology Co., Ltd. Building NO.23, Fifth Region, Baiwangxin Industrial Park, Songbai Rd., Nanshan, Shenzhen, Guangdong 518108, China				
Prüfgegenstand: <i>Test item:</i>	MID				
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	NS-15AT07				
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>	15.05.2014				
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000055953-006				
Prüfzeitraum: <i>Testing period:</i>	17.05.2014 - 24.05.2014				
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:			
					
12.06.2014	Tom Wang/Assistant Project Manager	12.06.2014	Sam Lin/Technical Certifier		
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</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

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

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

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

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

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Transmitter spurious emissions & Receiver spurious emissions				
Spectrum Analyzer	Agilent	E7405A	MY45115511	2015-01-11
Test Receiver	Rohde&Schwarz	ESCS30	100307	2015-01-11
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2015-01-11
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2015-01-11
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2015-01-11
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2015-01-11
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	2015-01-11
Temp. & Humid. Chamber	Gongwen	HSD-500	0109	2015-01-11
Radio Spectrum Test				
EMI Test Receiver	Rohde&Schwarz	ESPI-3	100396/003	2015-01-11
Spectrum Analyzer	Agilent	E7405A	MY45115511	2015-01-11
Temp. & Humid. Chamber	Gongwen	HSD-500	0109	2015-01-11
Conducted Emission				
Test Receiver	Rohde&Schwarz	ESCS30	100307	2015-01-11
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2015-01-11
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100815	2015-01-11
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2015-01-11
Radiated Emission				
Spectrum Analyzer	Agilent	E7405A	MY45115511	2015-01-11
Test Receiver	Rohde&Schwarz	ESCS30	100307	2015-01-11
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2015-01-11
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2015-01-11
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2015-01-11
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2015-01-11
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	2015-01-11
RF Coaxial Cable (966 Chamber) (for below 1GHz test)	Suhner	N-3m	No.8	2015-01-11
RF Coaxial Cable (966 Chamber) (for below 1GHz test)	Resenberger	N-3.5m	No.9	2015-01-11
RF Coaxial Cable (966 Chamber) (for below 1GHz test)	Suhner	N-6m	No.10	2015-01-11
RF Coaxial Cable (966 Chamber) (for above 1GHz test)	Resenberger	N-12m	No.11	2015-01-11
RF Coaxial Cable (966 Chamber) (for above 1GHz test)	Resenberger	N-0.5m	No.12	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	$< \pm 0.60$ dB
Radiated emission of transmitter, valid up to 12.75 GHz	$< \pm 4.42$ dB
Radiated emission of receiver, valid up to 12.75 GHz	$< \pm 4.42$ dB
Conducted Emission	$< \pm 2.23$ dB
Radiated Emission	$< \pm 4.42$ dB

2.6 Location of Original Data

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

2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China 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 7" tablet with Wi-Fi & Bluetooth function.
 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	MID
Type Designation	NS-15AT07
FCC ID	S7JNS15AT07
IC	8082A-NS15AT07
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	1dBi

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 Buletooth (LE mode)

Technical Specification	Value
Kind of Equipment	Tablet
Type Designation	NS-15AT07
Operating Frequency band	2402 – 2480MHz
Channel separation	2MHz
Extreme Temperature Range	-30~+75°C
Operation Voltage	DC 3.7V (via built in battery)
	DC 5V (via AC/DC adapter)
Modulation	GFSK
Bluetooth version	4.0
Antenna Gain	1dBi

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 (HT20)
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, 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 (MCS0 ~ MCS7)
Transmitter Output Power (Typical) (dBm)	14.5	13	12
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
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- 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	Shenzhen Huoniu Technology Co., Ltd.	HNEA050150UU	N/A	Input: AC 100-240V, 50/60Hz, 0.35A Output: DC 5V, 1.5A

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

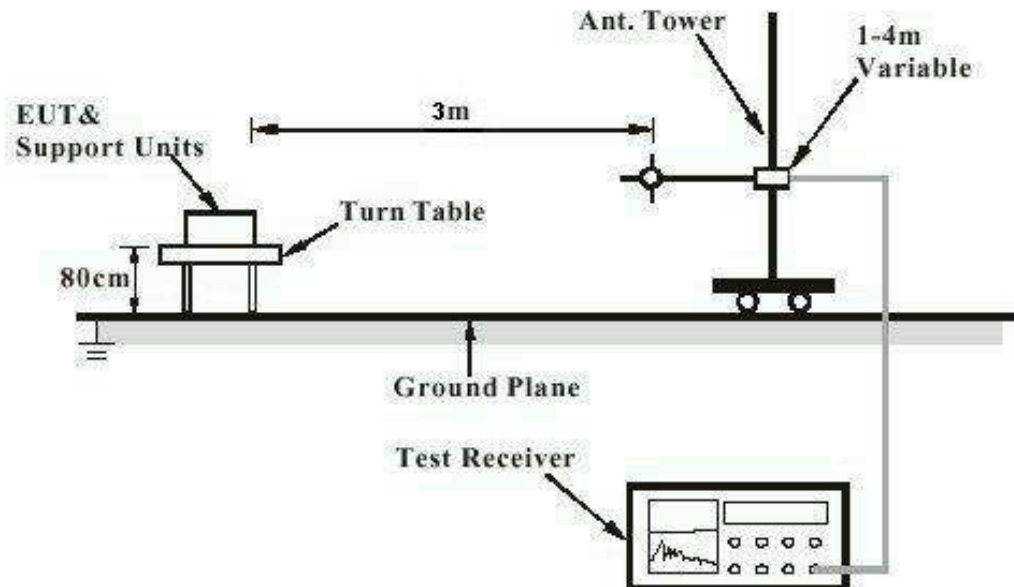


Diagram of Measurement Equipment Configuration for Conduction Measurement

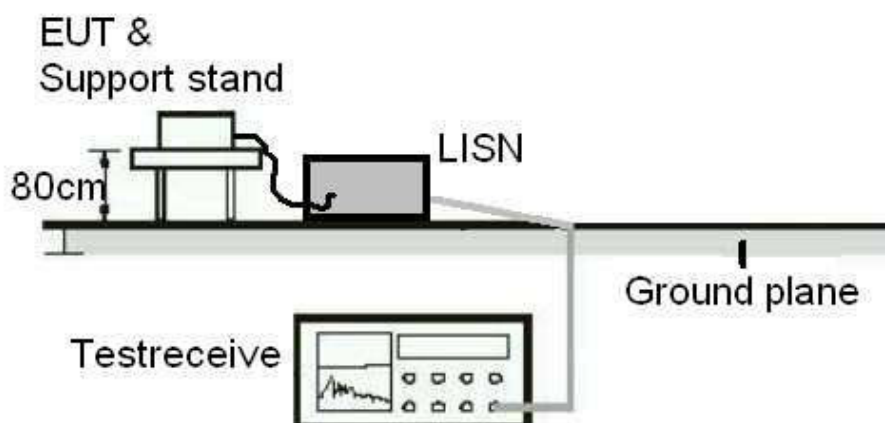
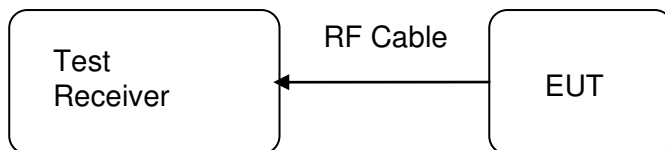


Diagram of Measurement Equipment Configuration for Transmitter Measurement

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 1dBi, 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 : 2014-05-24
 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 : 25°C
 Relative humidity : 52%
 Atmospheric pressure : 101kPa

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

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	-3.82	21
Middle Channel	2441	-3.94	21
High Channel	2480	-4.19	21

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

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	-3.09	21
Middle Channel	2441	-3.21	21
High Channel	2480	-3.43	21

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

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	5.73	30
Middle Channel	2444	5.64	30
High Channel	2480	5.33	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	18.20	30
Middle Channel	2437	17.89	30
High Channel	2462	17.41	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	18.08	30
Middle Channel	2437	17.64	30
High Channel	2462	17.35	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	17.92	30
Middle Channel	2437	17.47	30
High Channel	2462	16.93	30

5.1.3 20dB Bandwidth and 99% Bandwidth

RESULT:
Pass

Date of testing : 2014-05-17
 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 : 25°C
 Relative humidity : 52%
 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	1.036	0.972
Mid Channel	2441	1.050	0.972
High Channel	2480	1.036	0.978

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

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.222	1.188
Mid Channel	2441	1.222	1.188
High Channel	2480	1.222	1.194

5.1.4 6dB Bandwidth and 99% Bandwidth

RESULT:
Pass

Date of testing : 2014-05-24
 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 : 25°C
 Relative humidity : 52%
 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	0.732	1.074
Mid Channel	2440	0.726	1.074
High Channel	2480	0.726	1.074

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

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	9.16	12.00
Mid Channel	2437	9.16	12.08
High Channel	2462	9.16	12.00

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

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	16.40	16.36
Mid Channel	2437	16.44	16.36
High Channel	2462	16.44	16.36

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*Page 19 of 193***Table 20: Test result of 6dB & 99% Bandwidth of 802.11n**

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2412	17.36	17.56
Mid Channel	2437	17.40	17.56
High Channel	2462	17.32	17.56

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

Date of testing : 2014-05-24
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

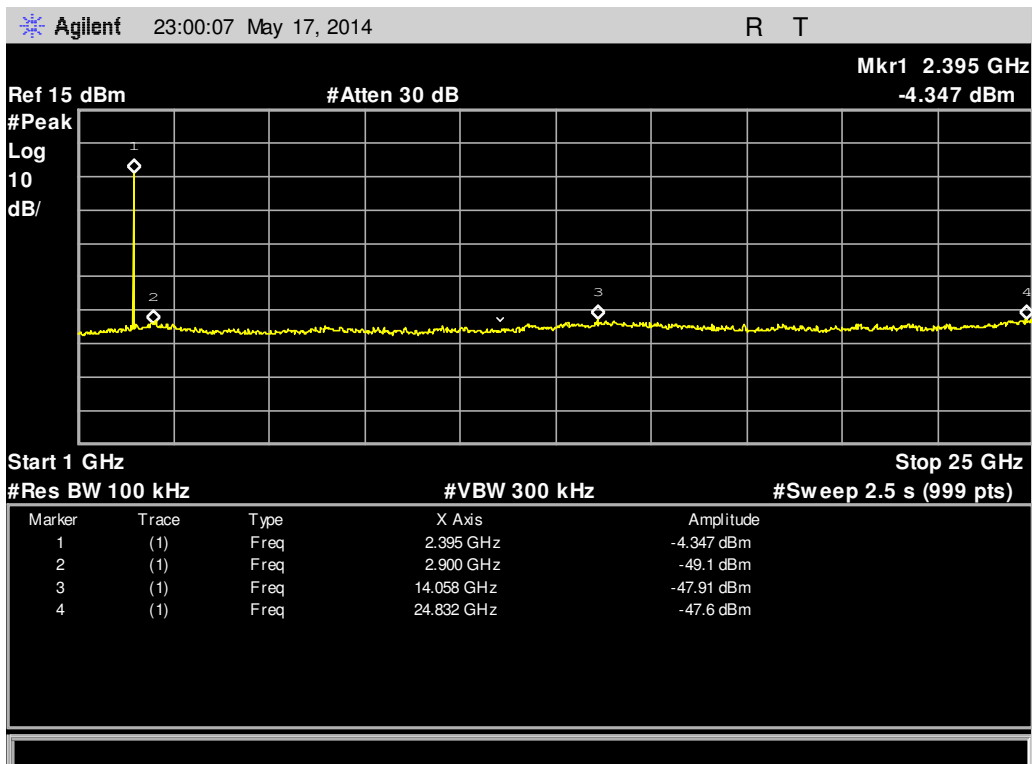
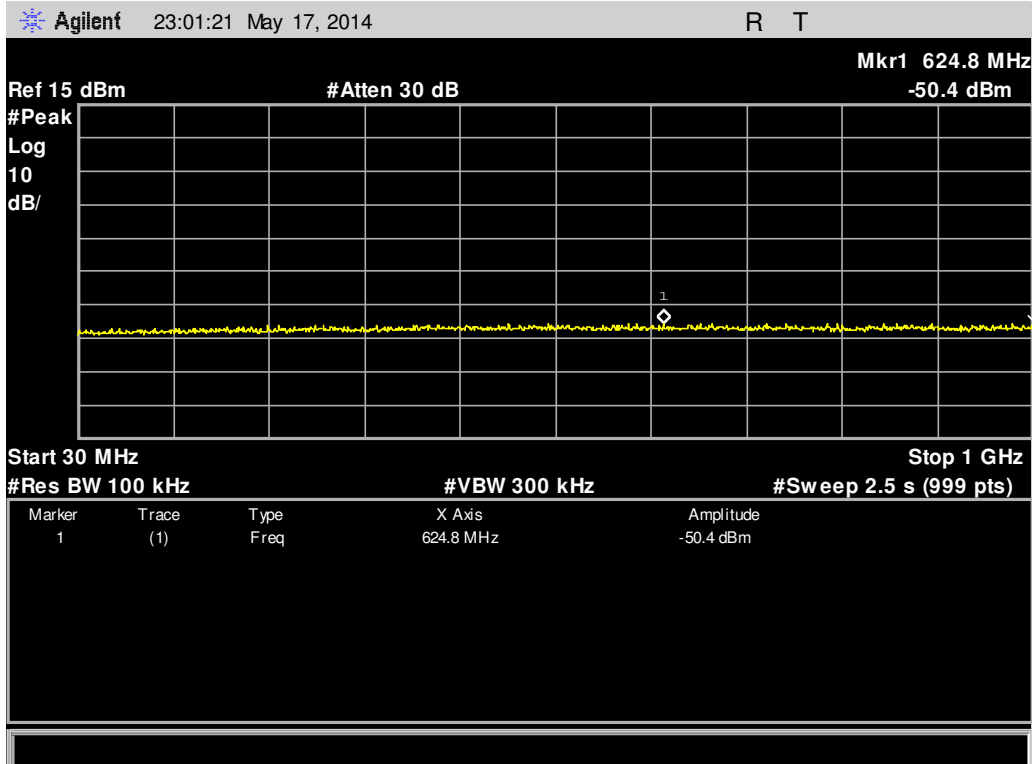
Test setup

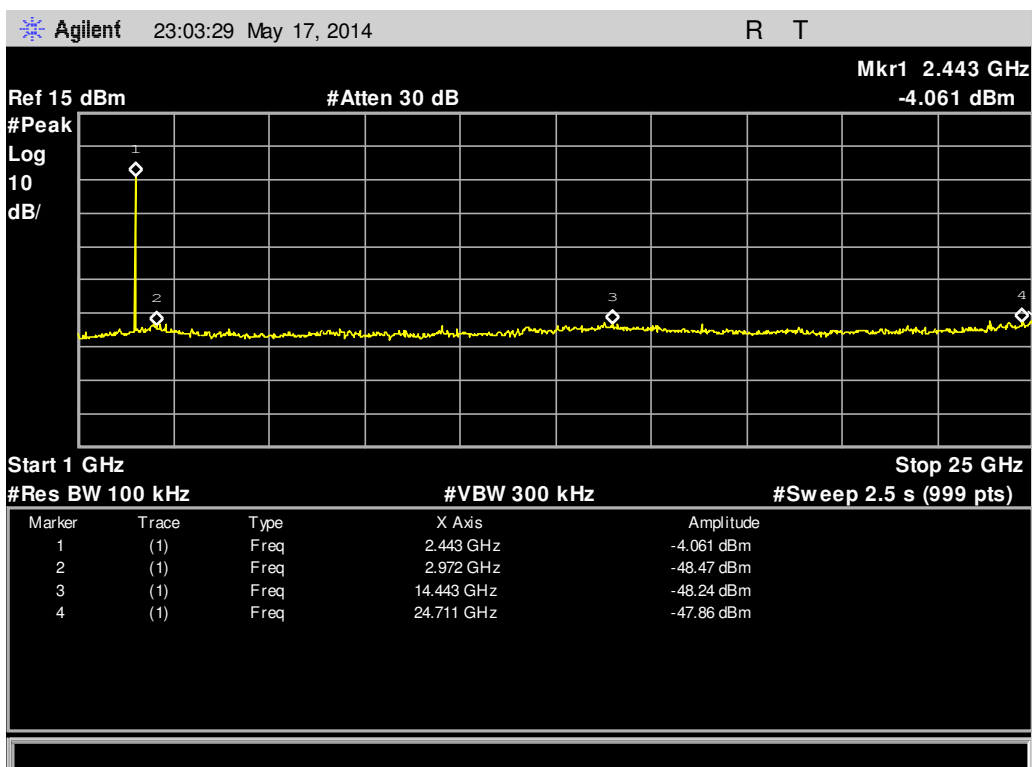
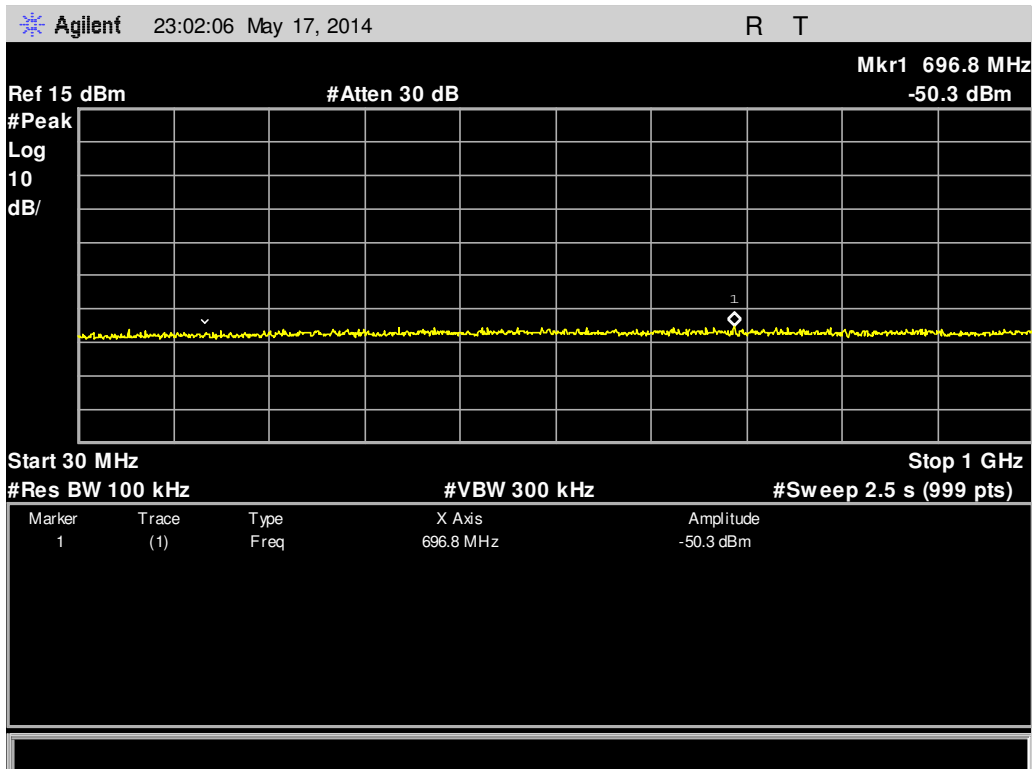
Test Channel : Low/ Middle/ High
Operation mode : A.1.a, A.2.a, A.3.a
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

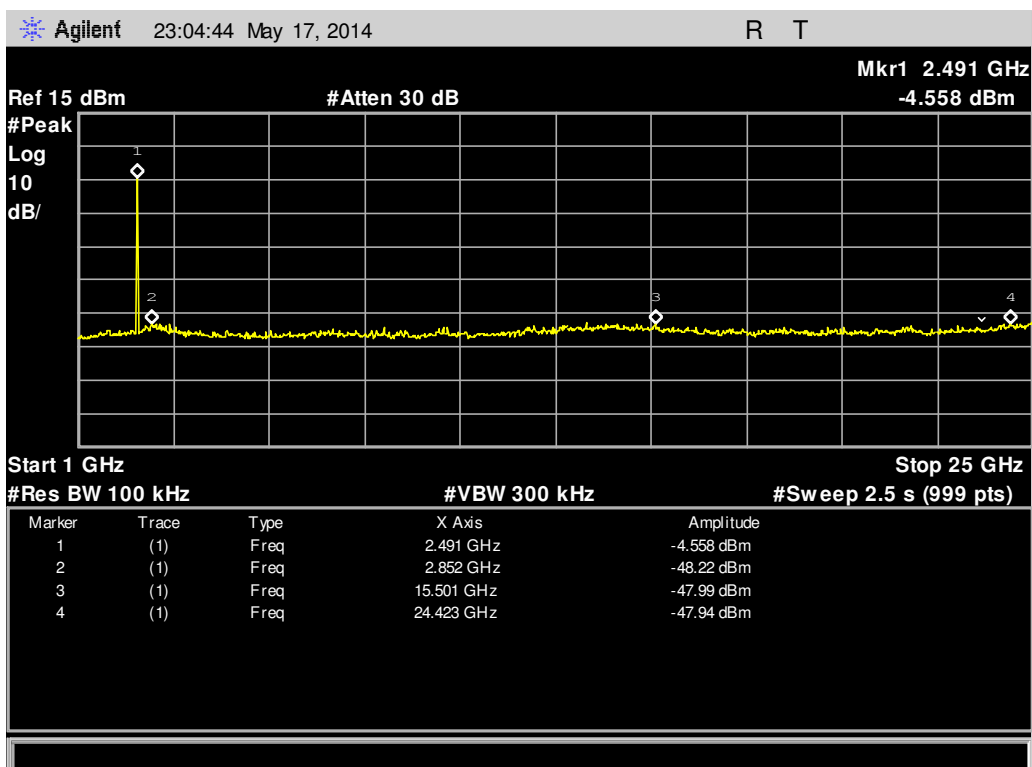
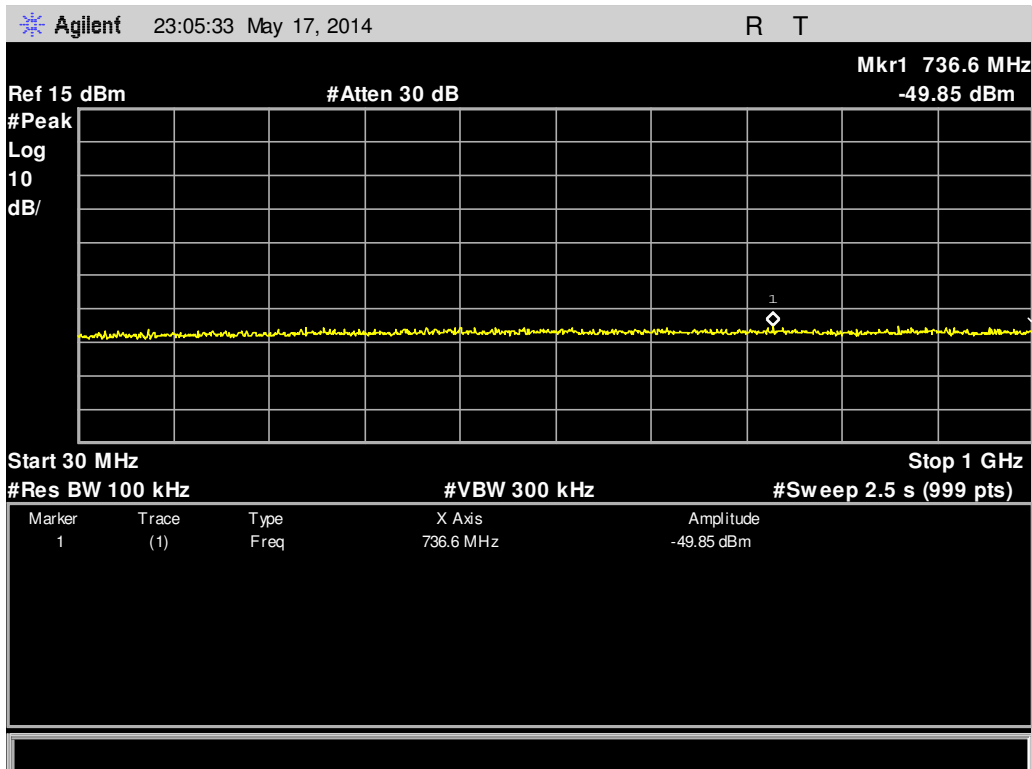
For details refer to following test plot.

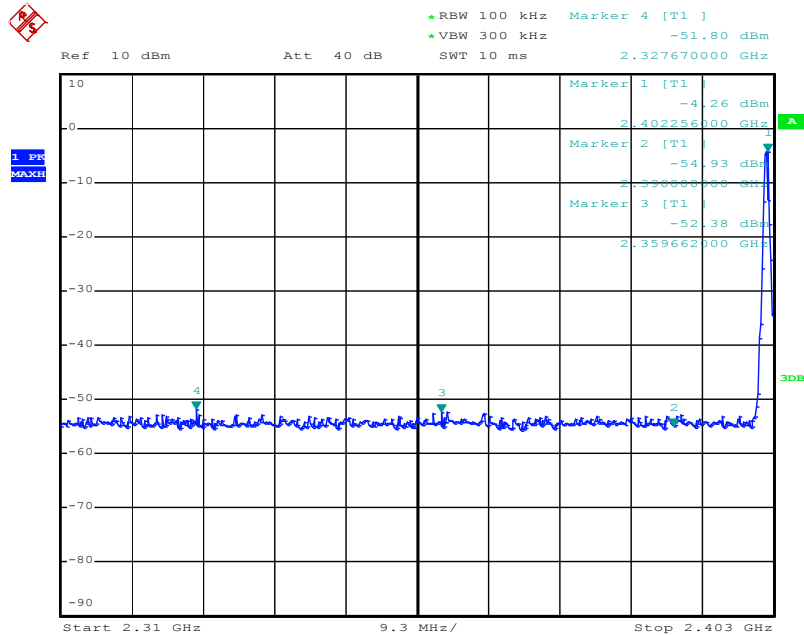
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of BDR mode

Low Channel

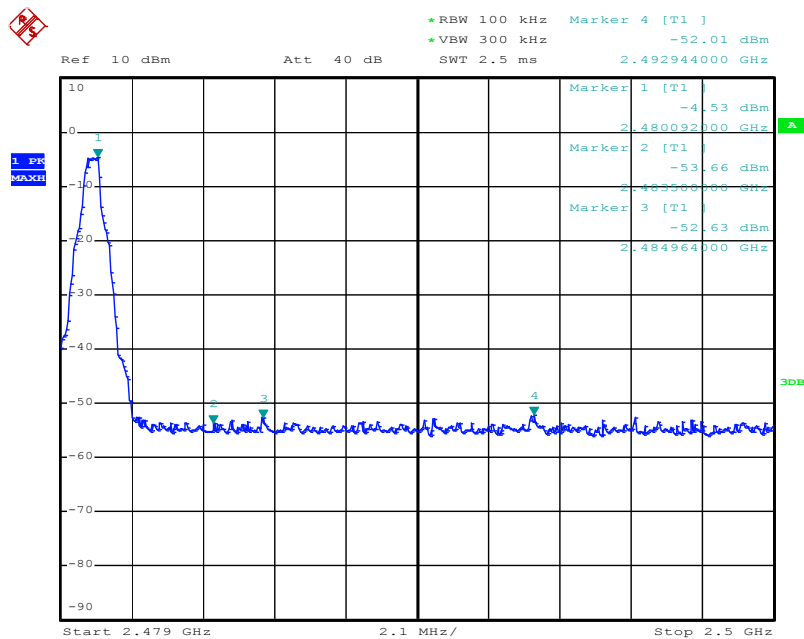


Middle Channel


High Channel


Band Edge


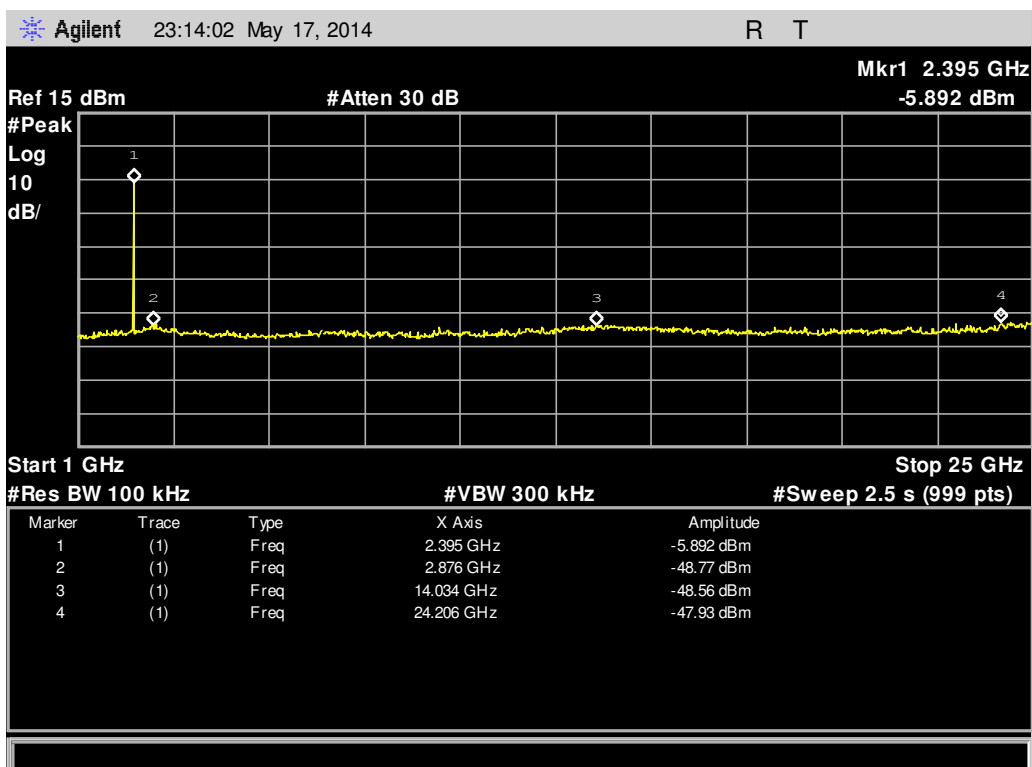
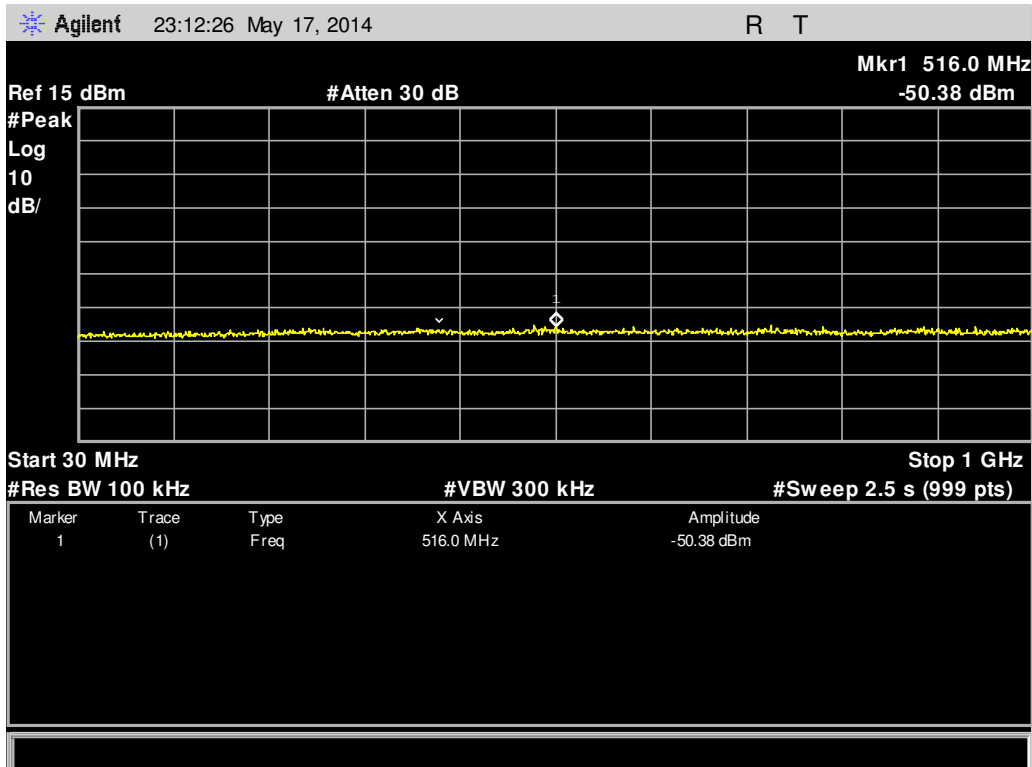
Date: 17.MAY.2014 20:03:46

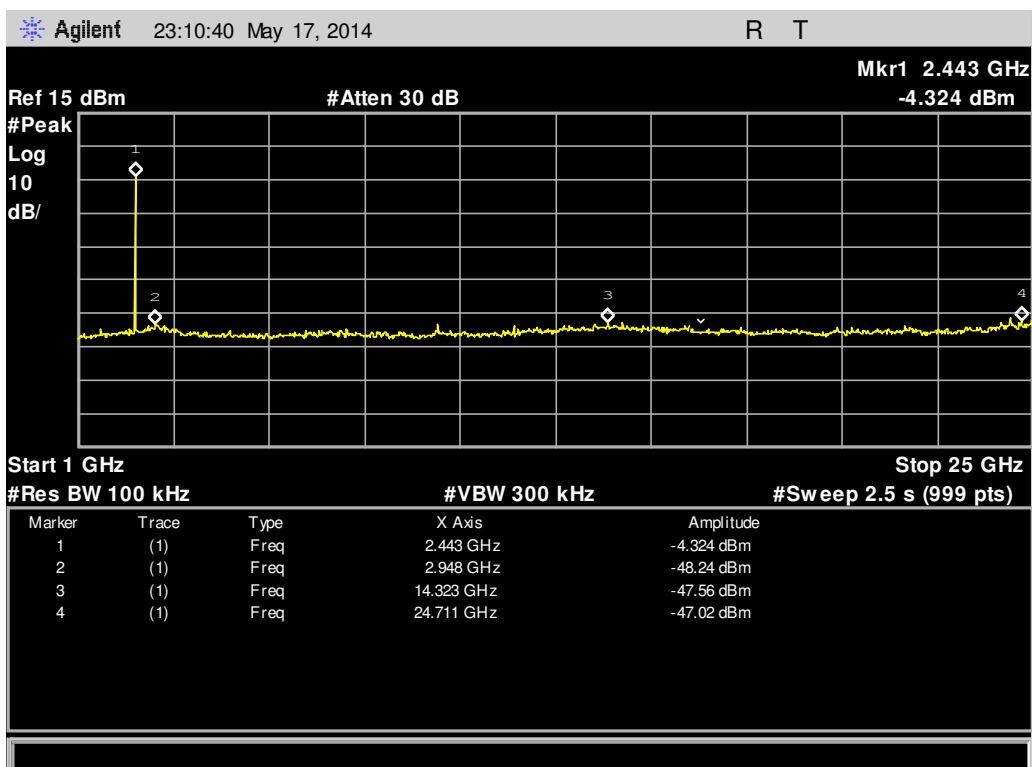
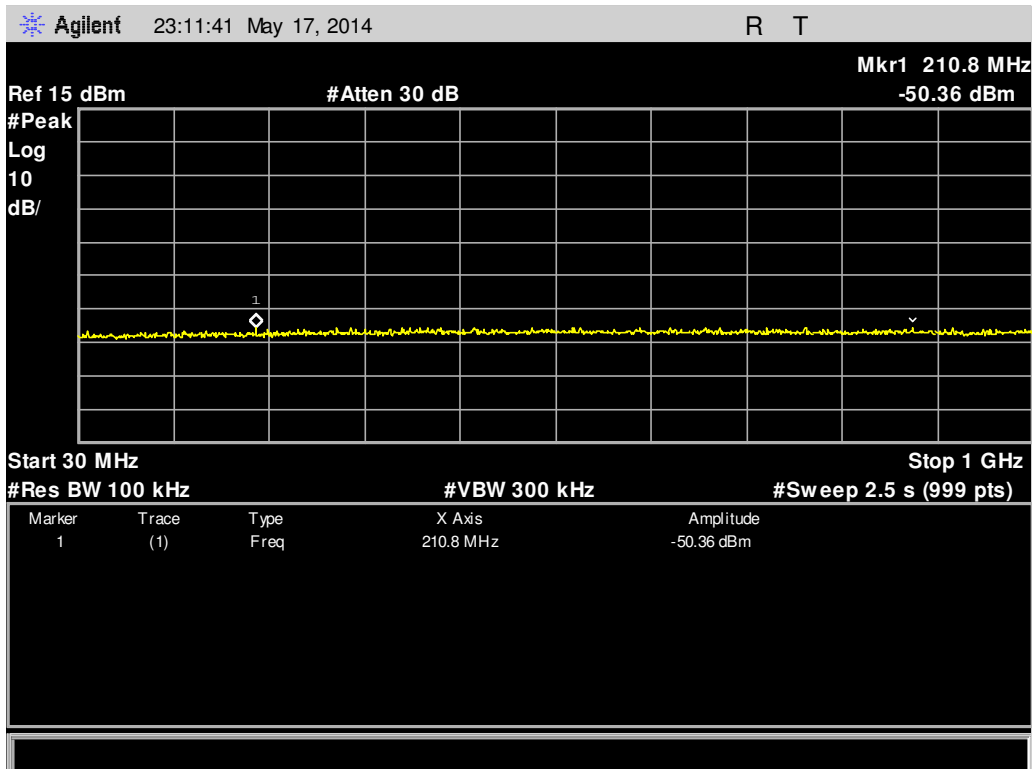


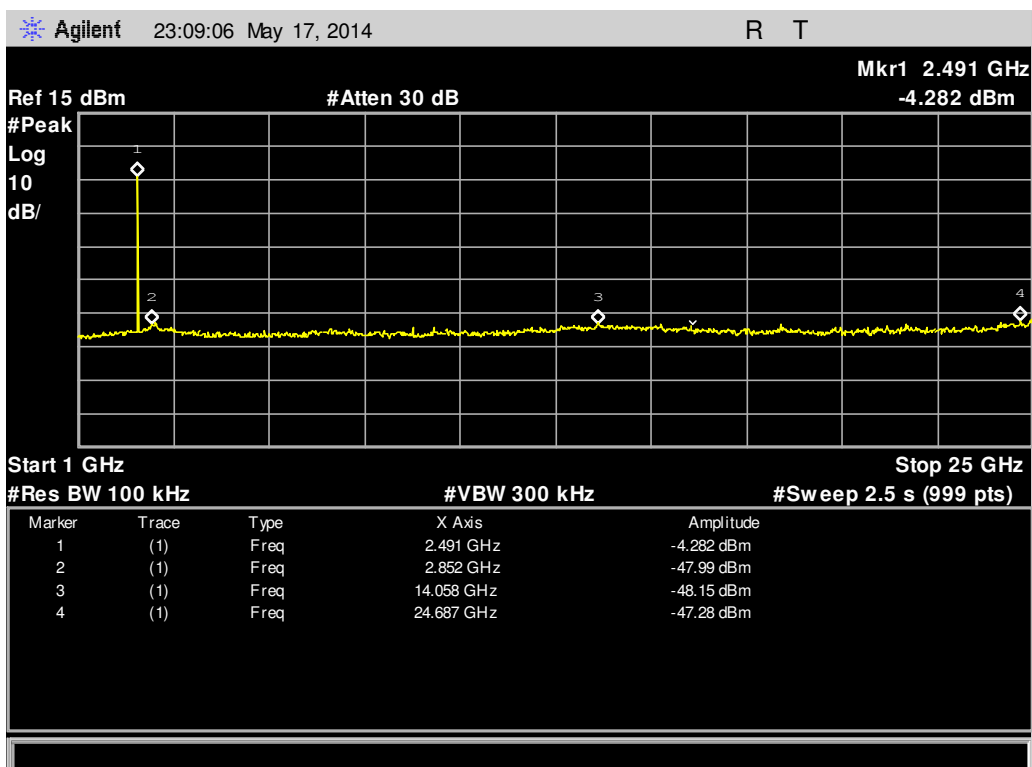
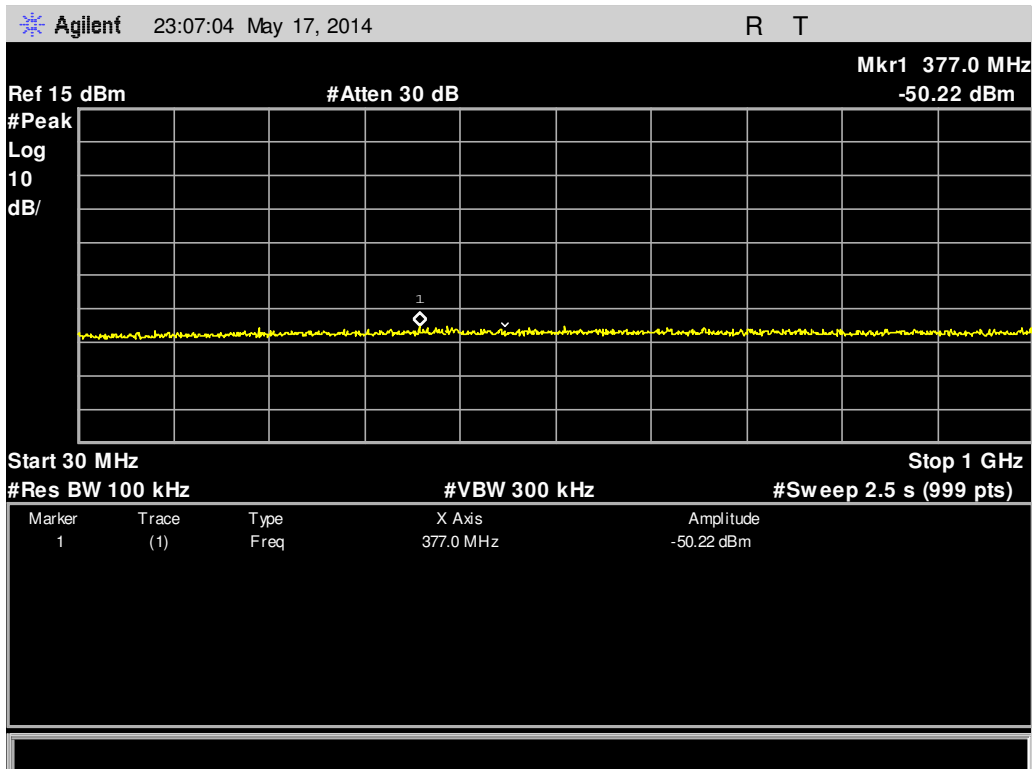
Date: 17.MAY.2014 20:06:36

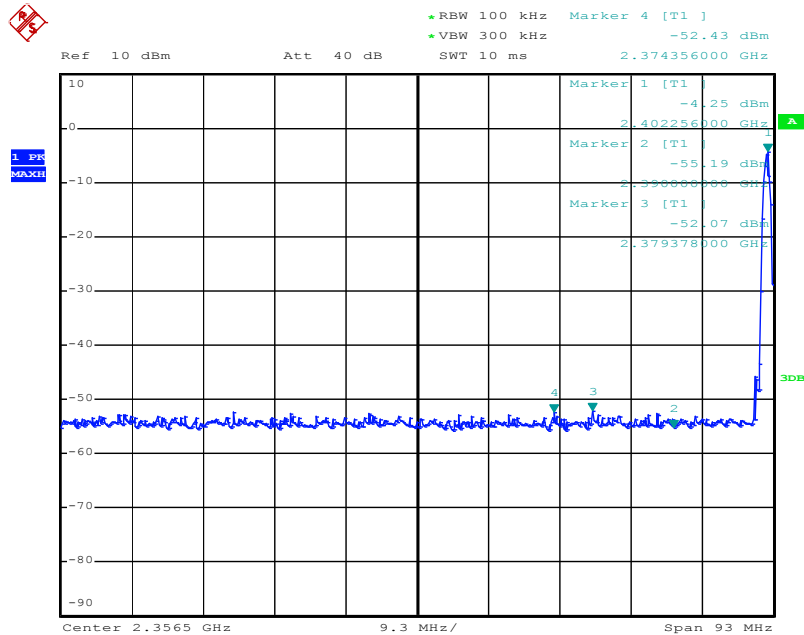
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of EDR mode

Low Channel

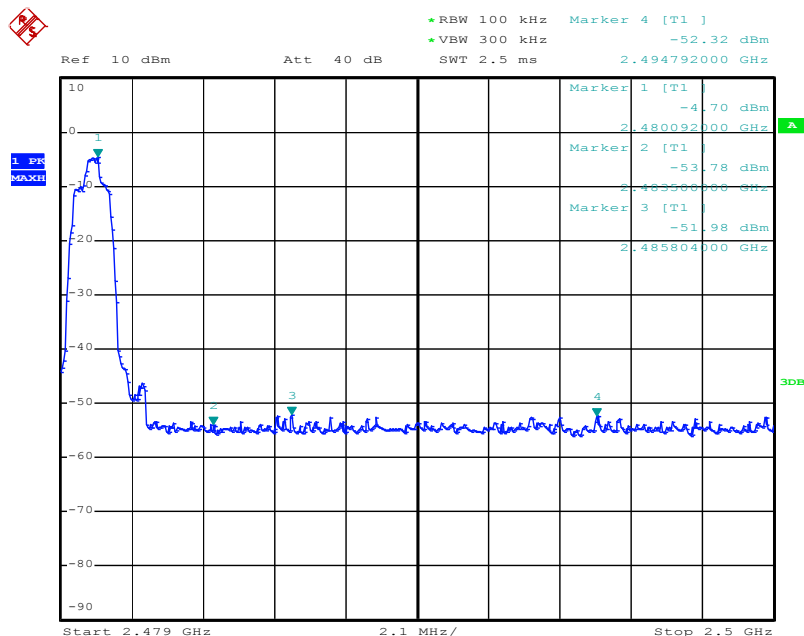


Middle Channel


High Channel


Band Edge


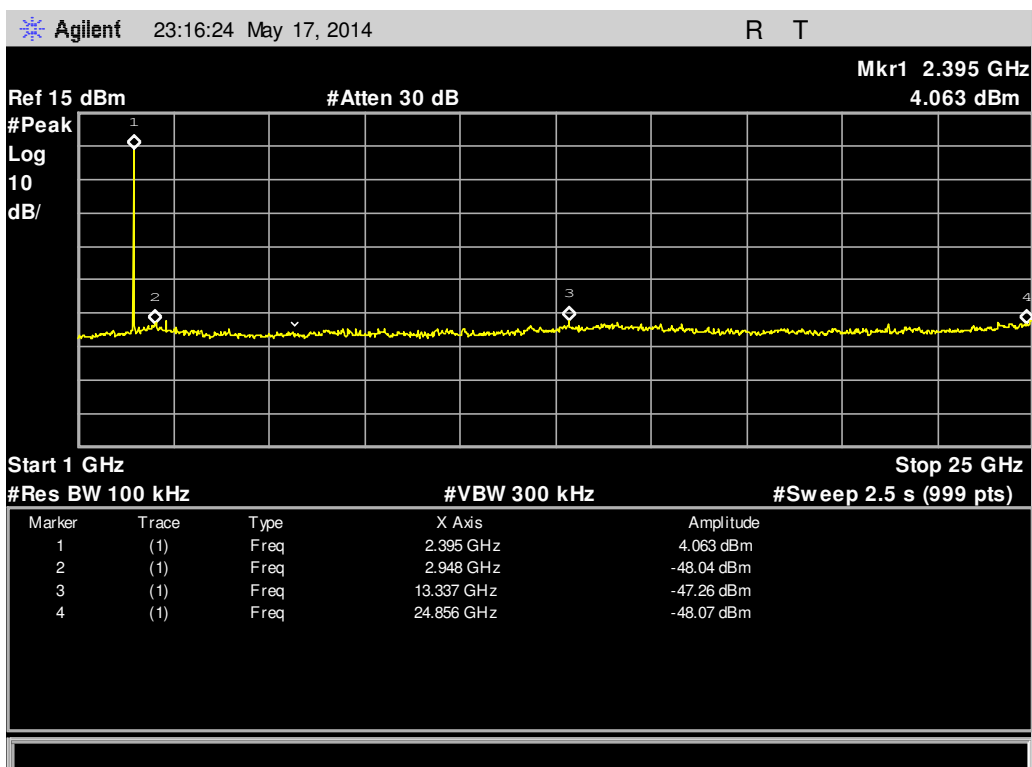
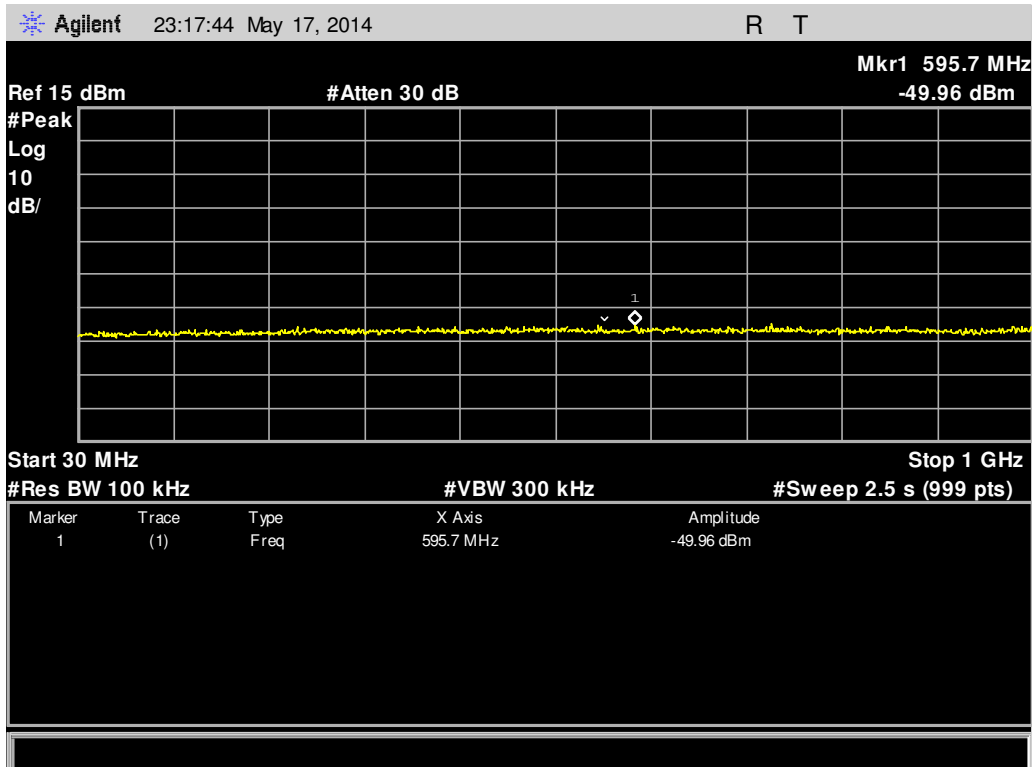
Date: 17.MAY.2014 20:04:28

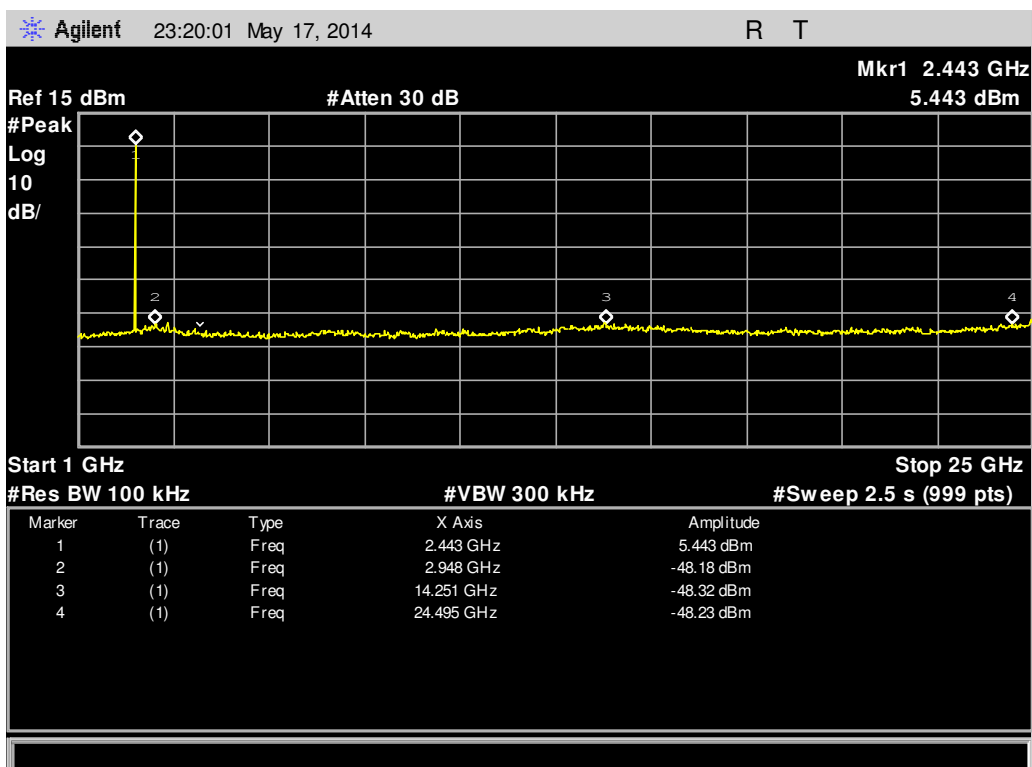
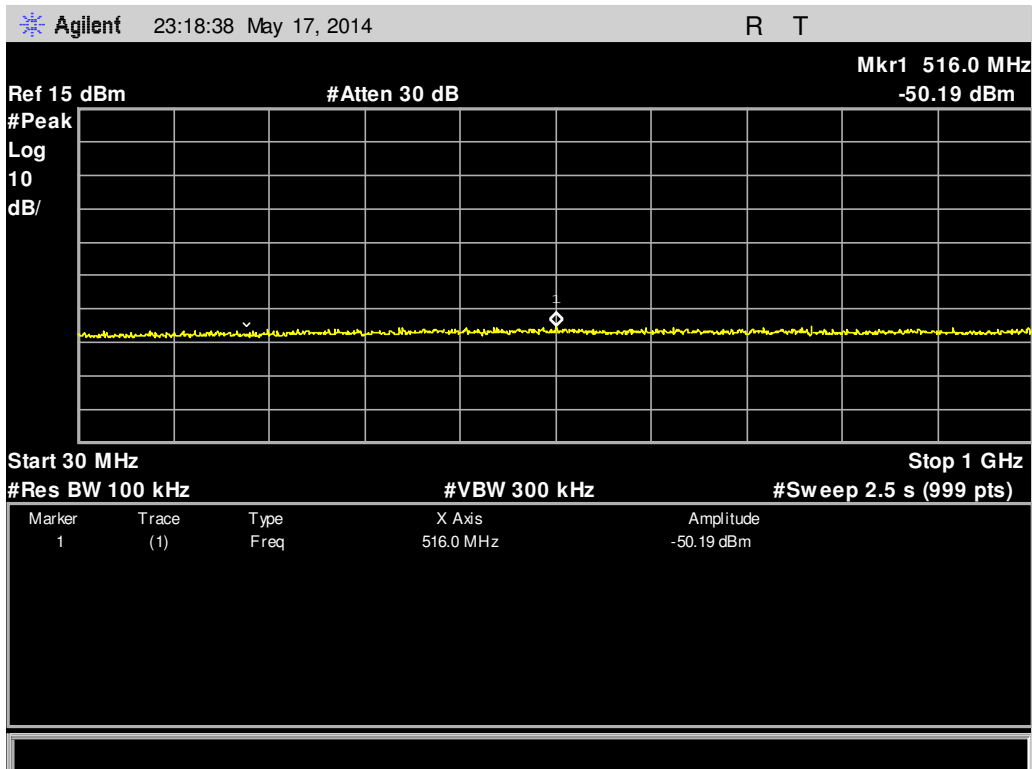


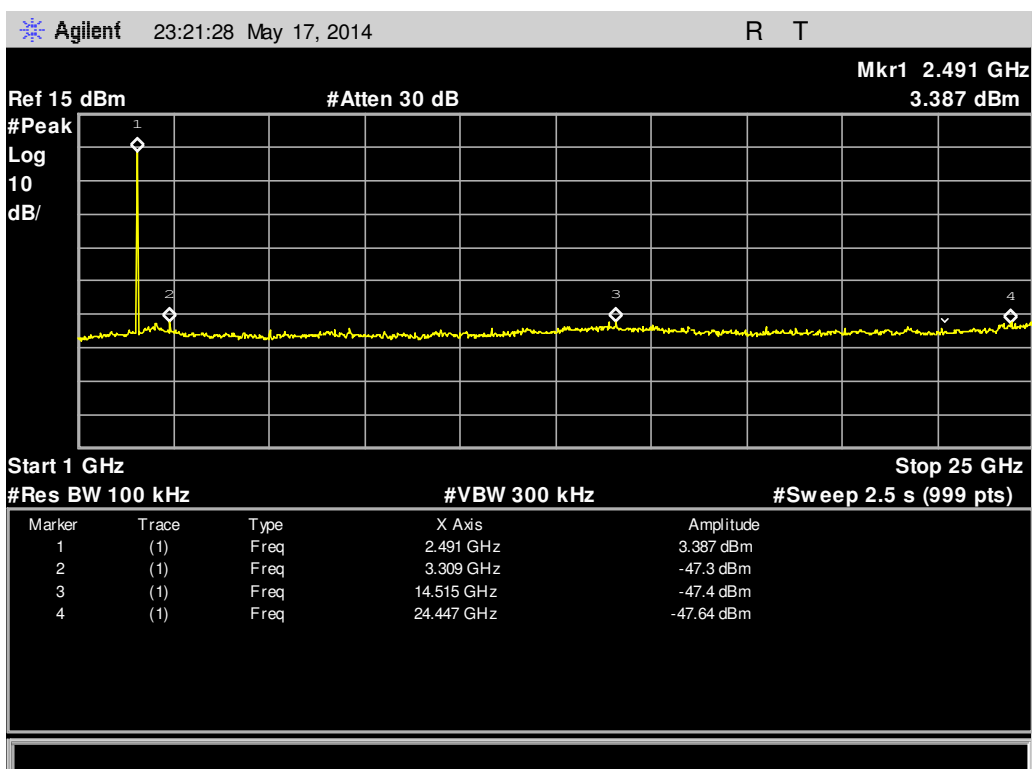
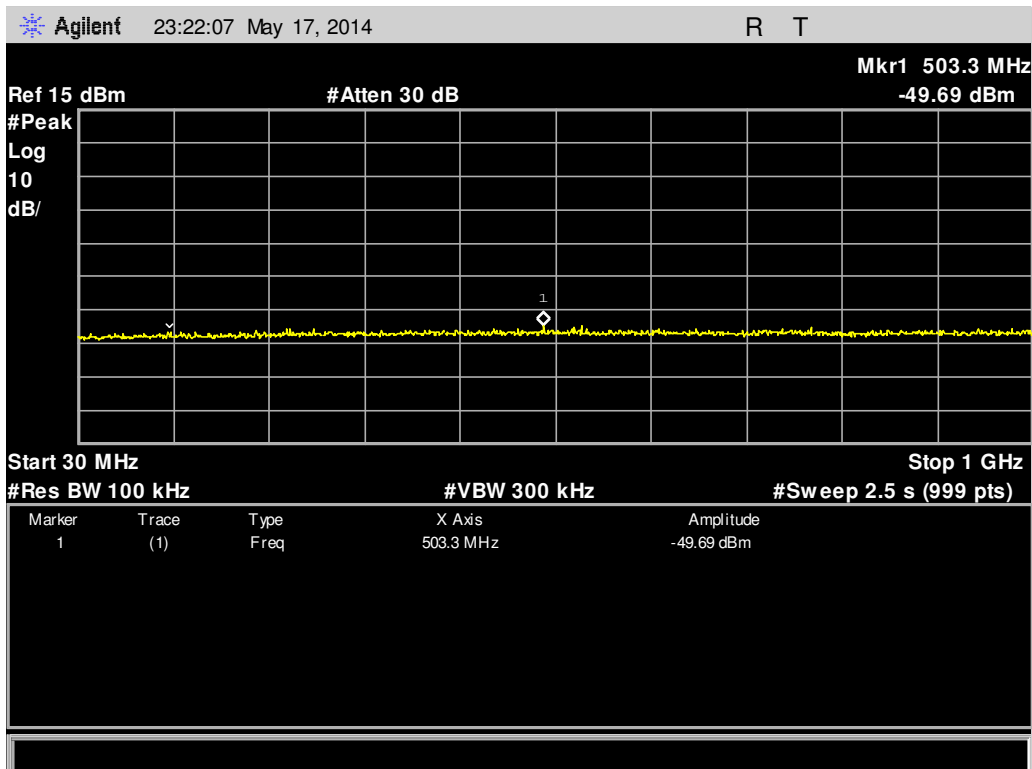
Date: 17.MAY.2014 20:05:43

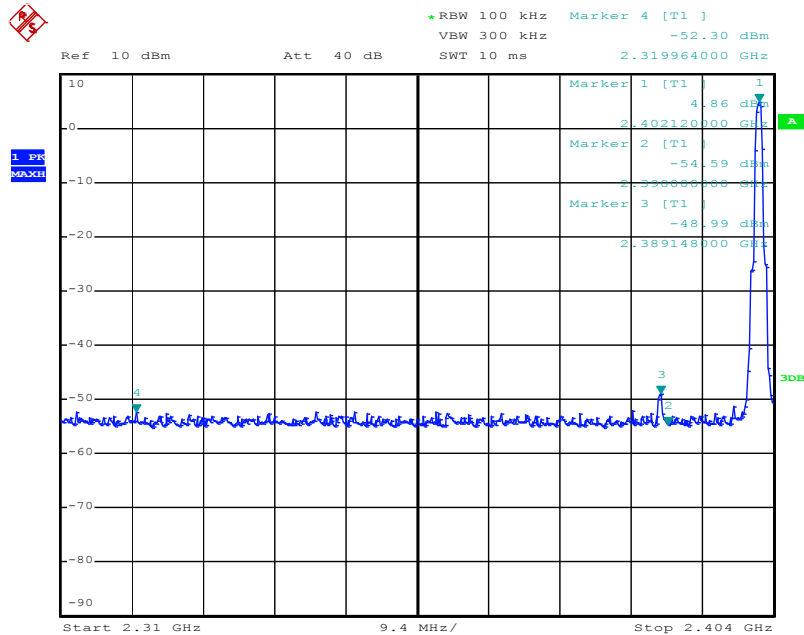
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of LE mode

Low Channel

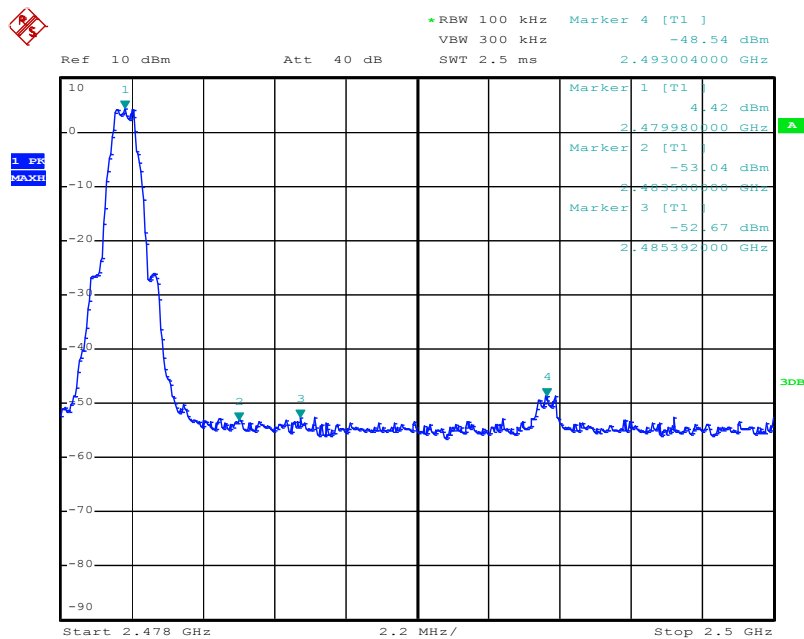


Middle Channel


High Channel


Band Edge


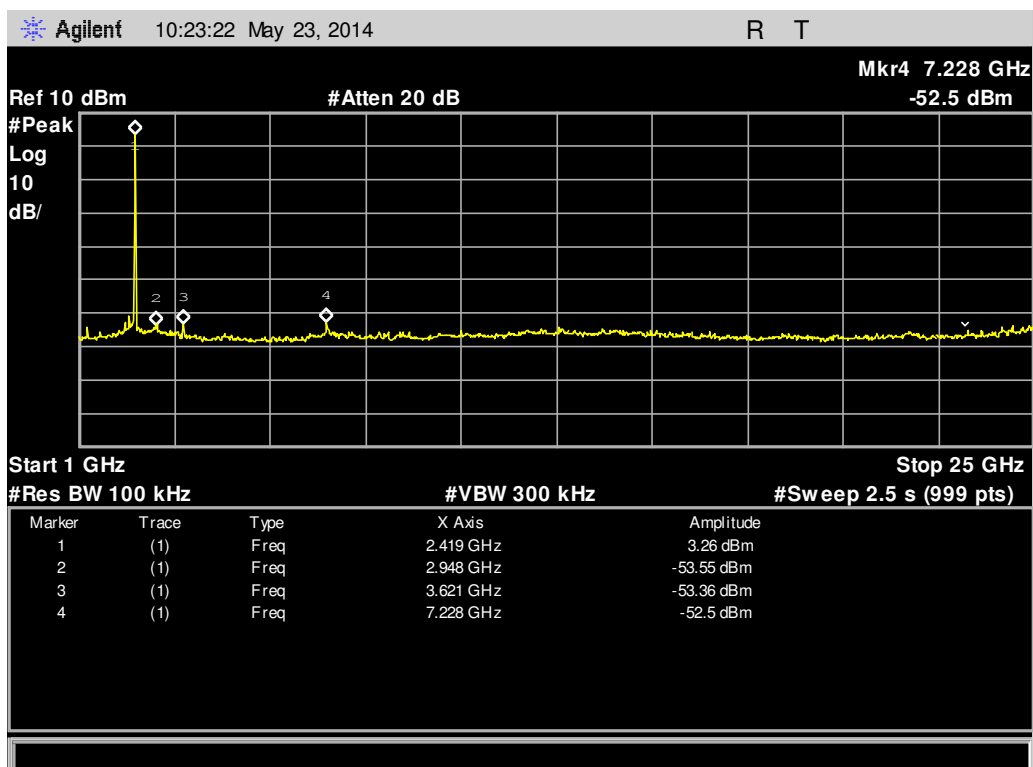
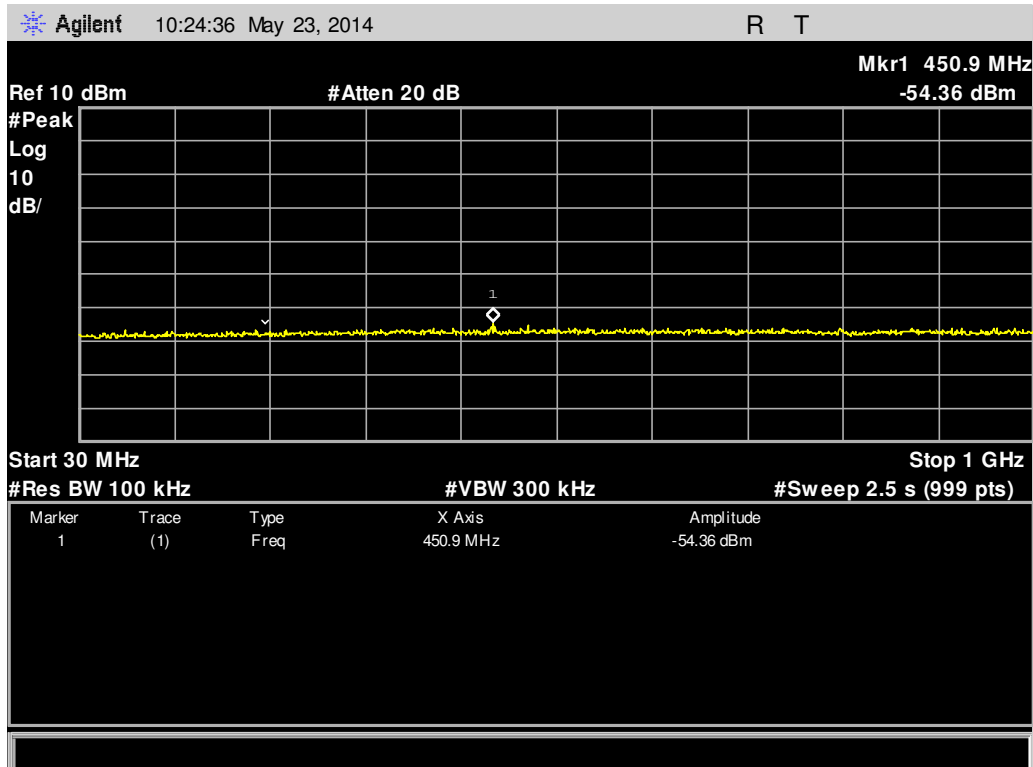
Date: 17.MAY.2014 20:35:56

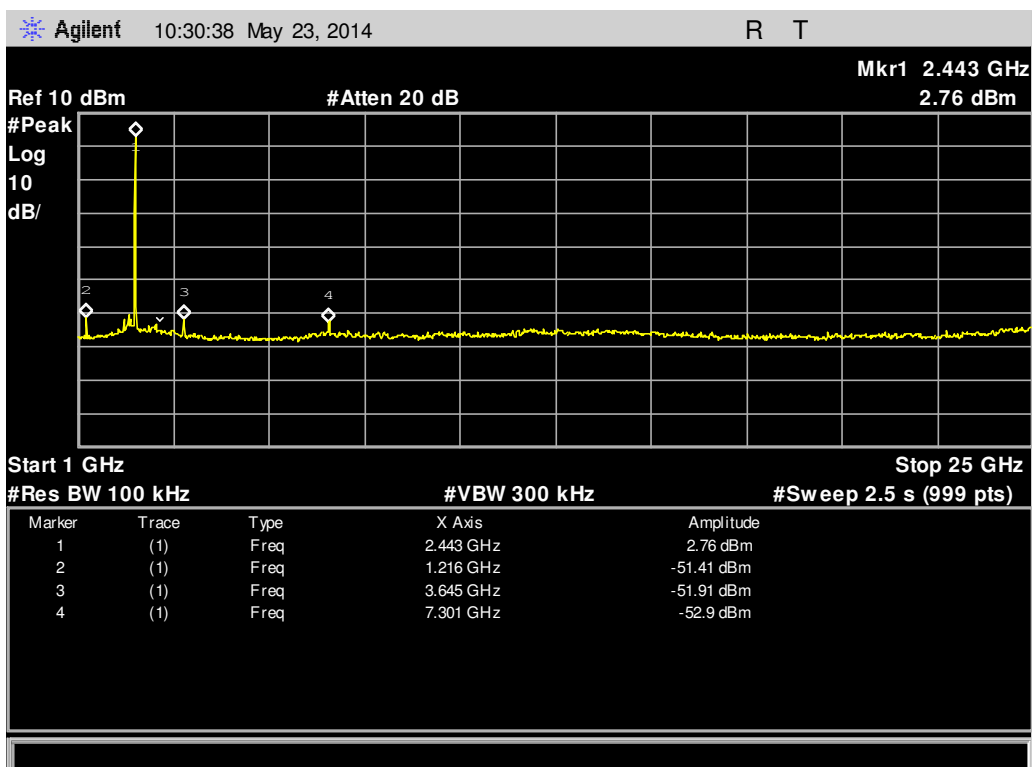
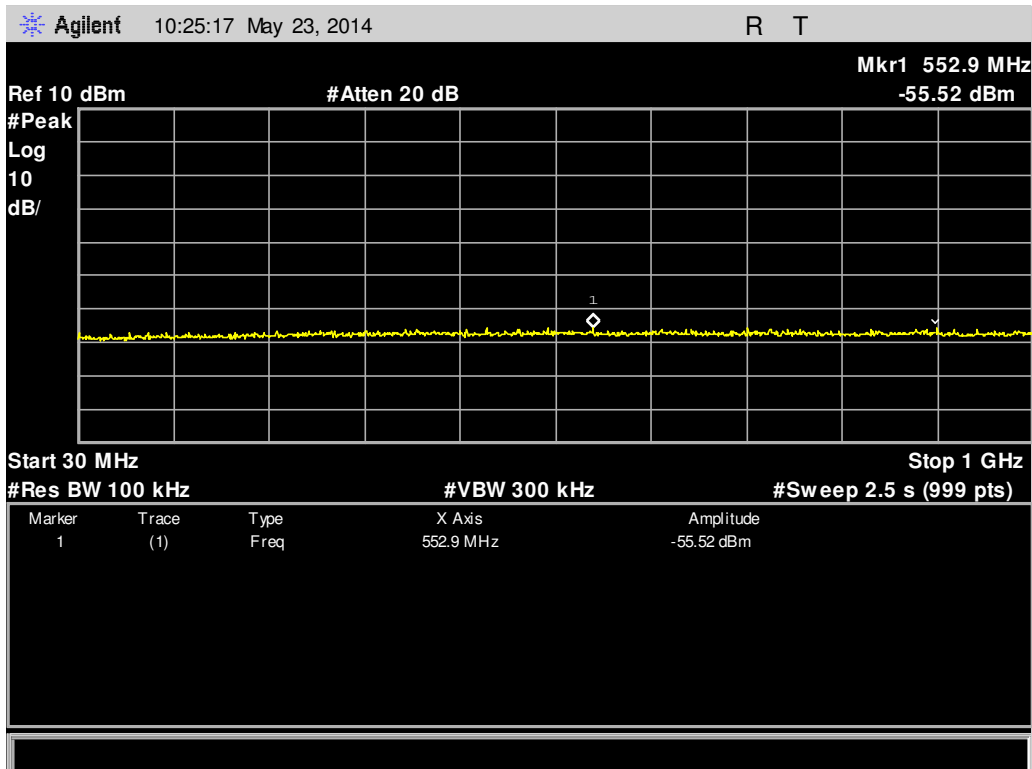


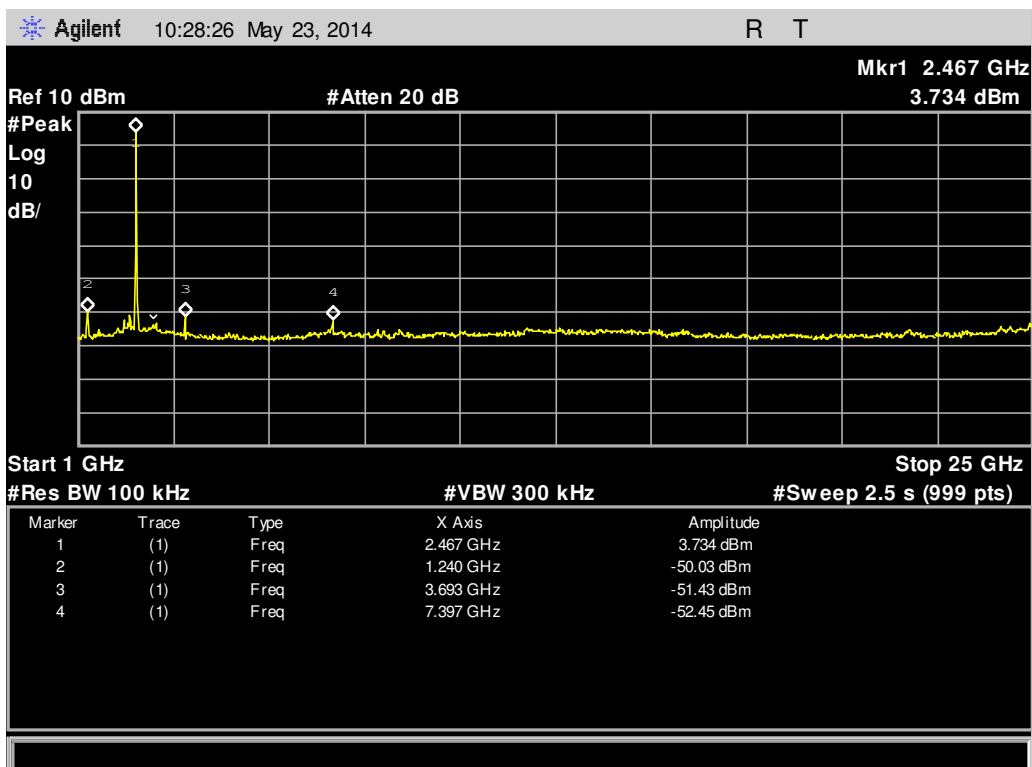
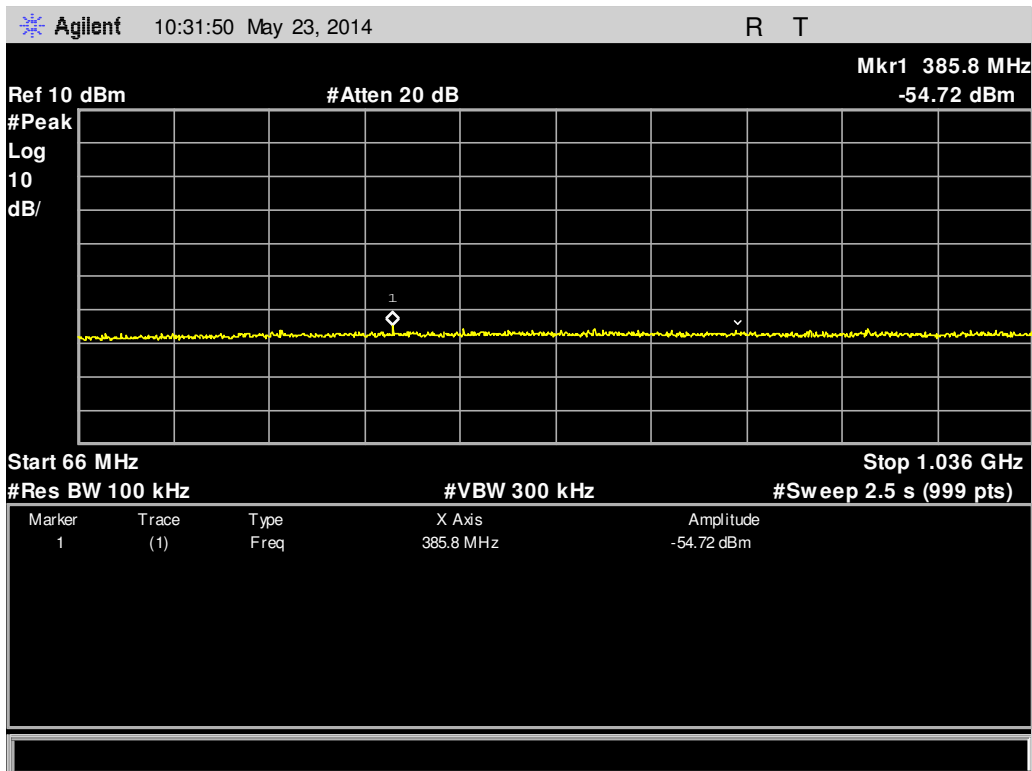
Date: 17.MAY.2014 20:34:42

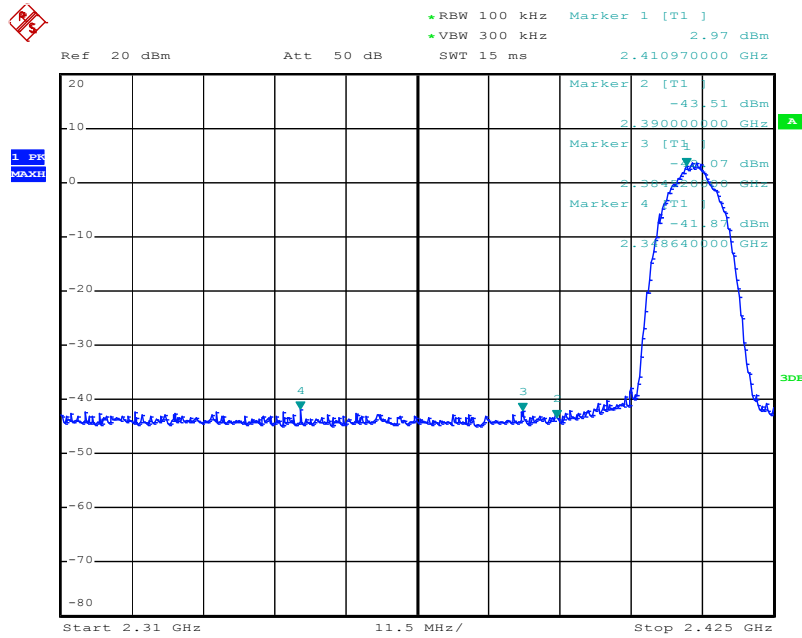
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11b

Low Channel

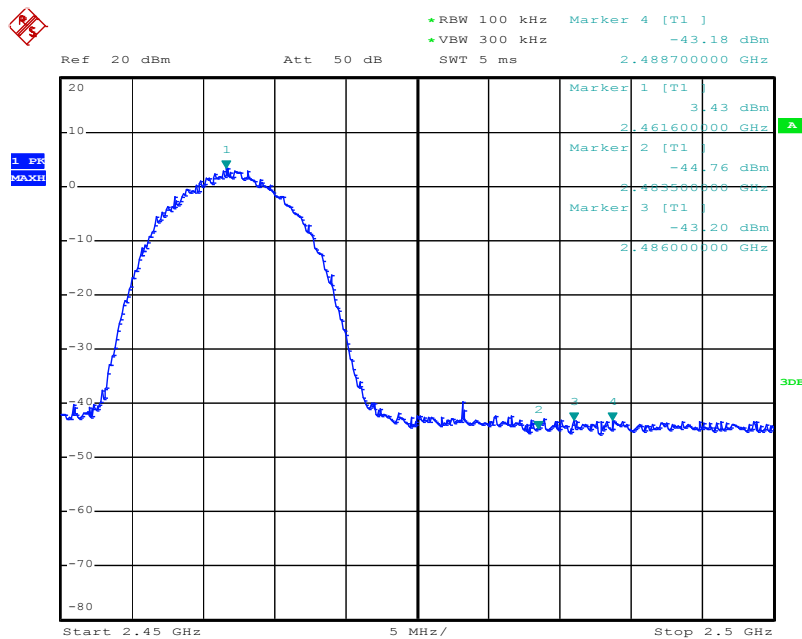


Middle Channel


High Channel


Band Edge


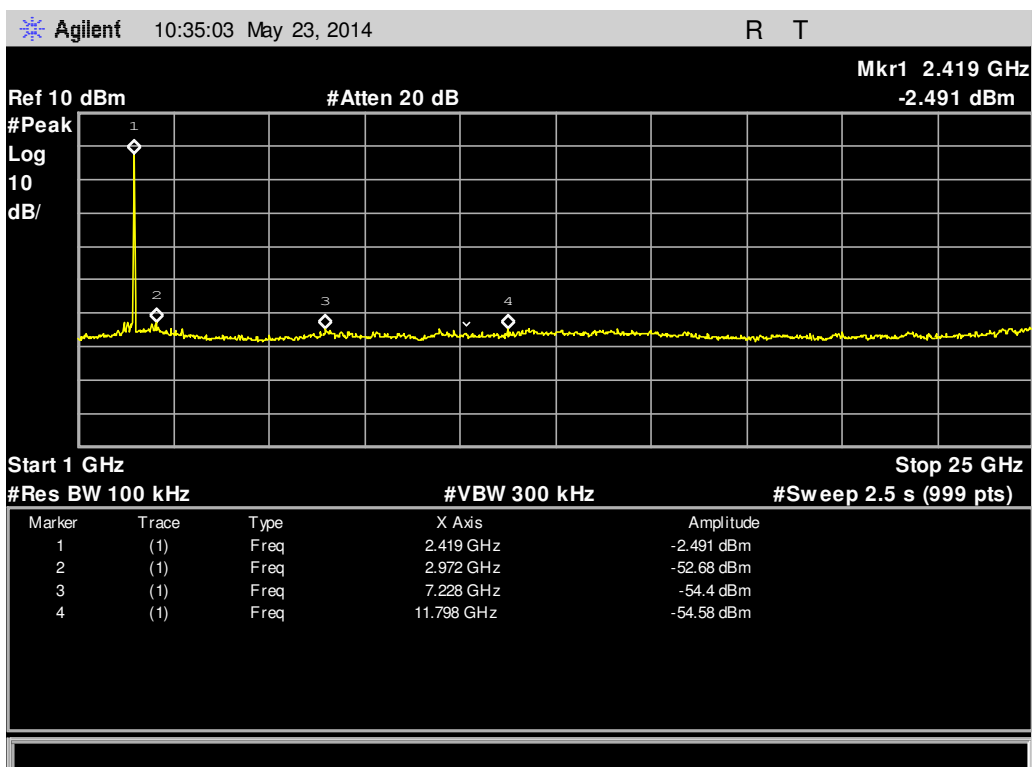
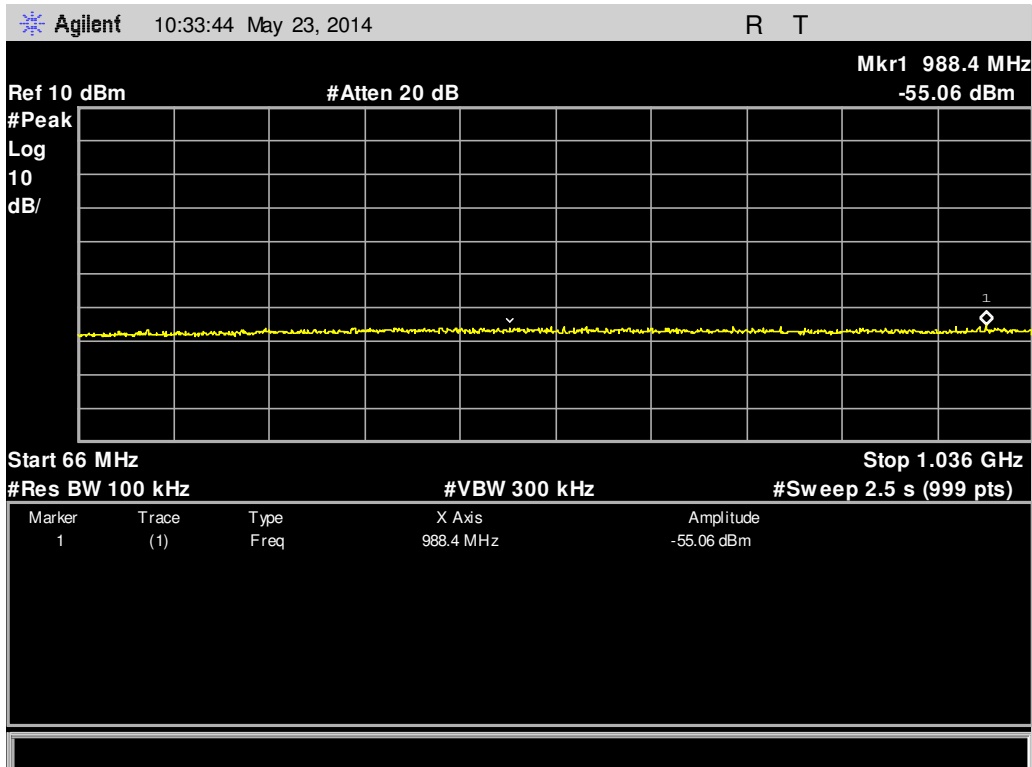
Date: 24.MAY.2014 17:06:19

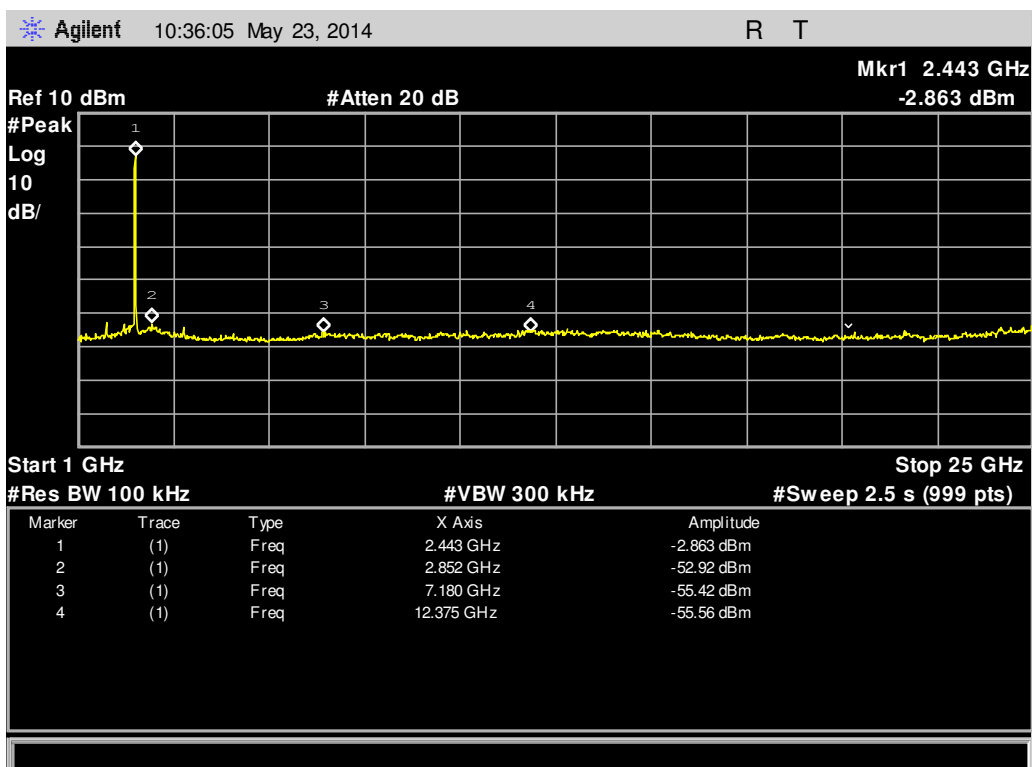
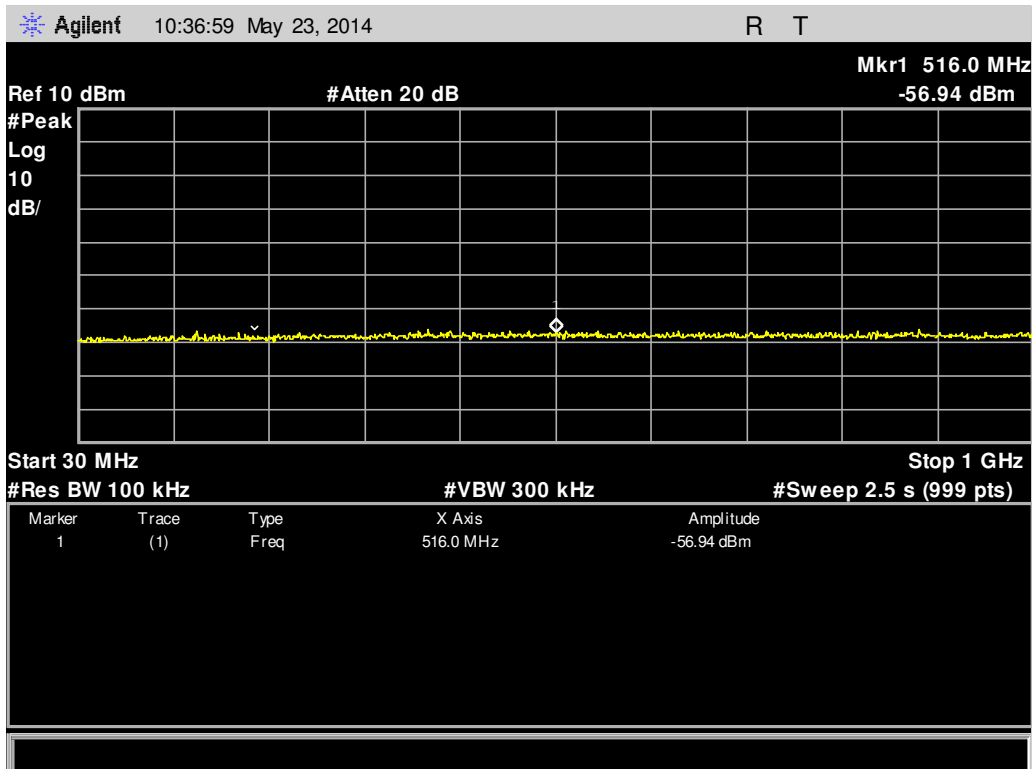


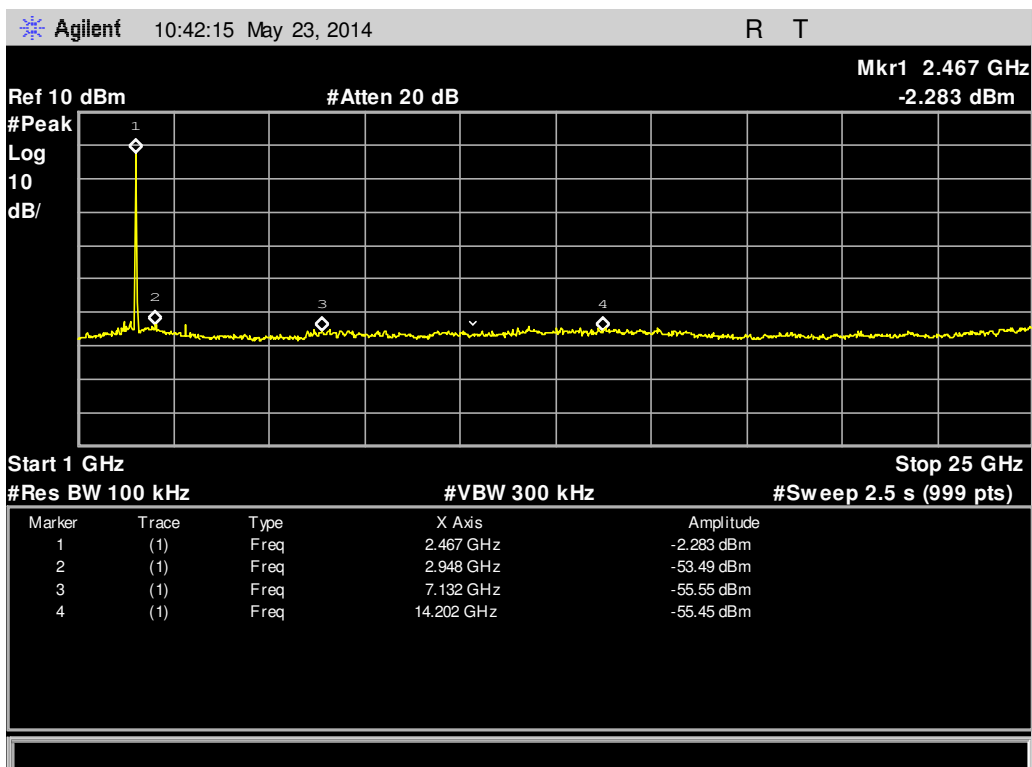
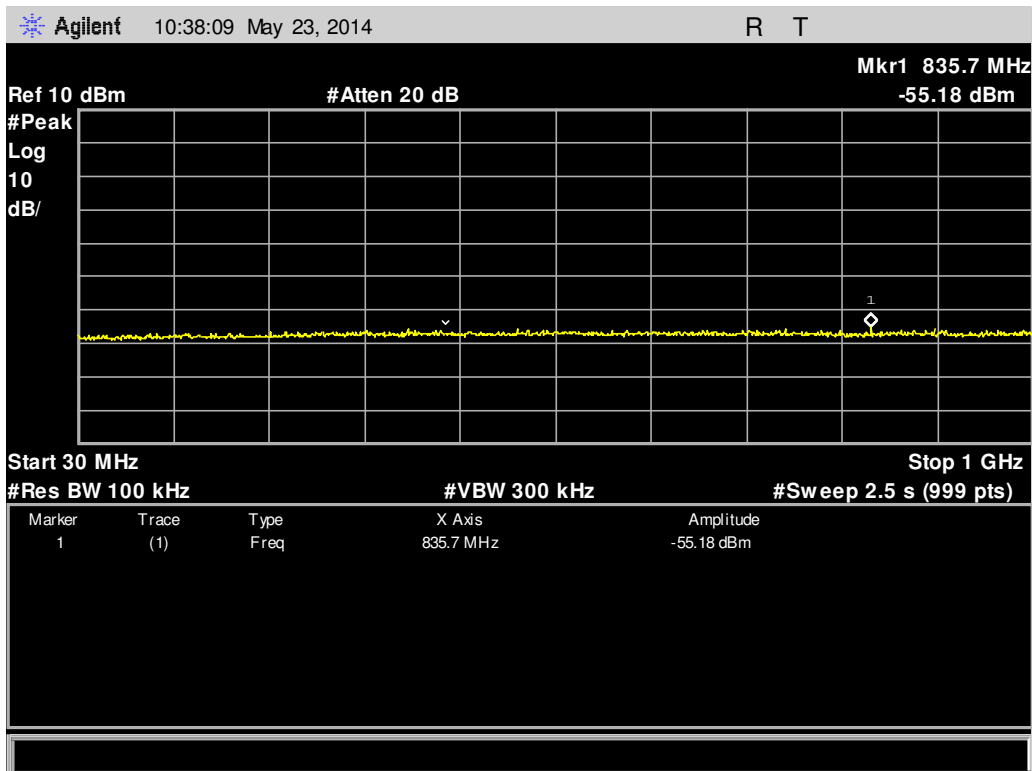
Date: 24.MAY.2014 17:07:46

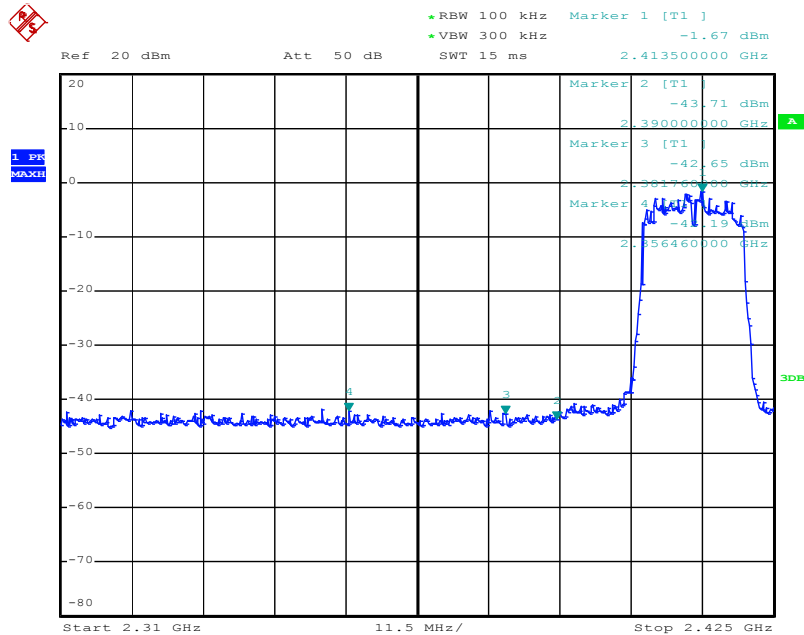
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11g

Low Channel

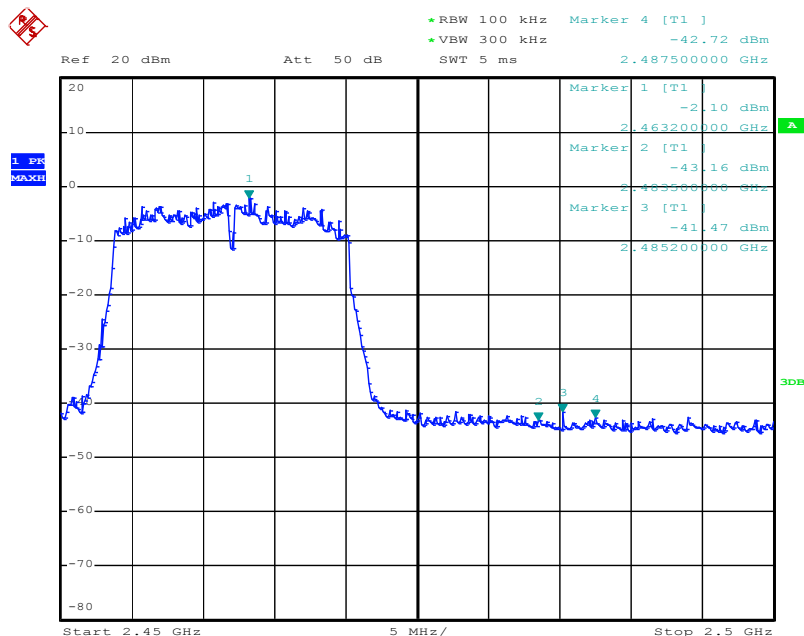


Middle Channel


High Channel


Band Edge


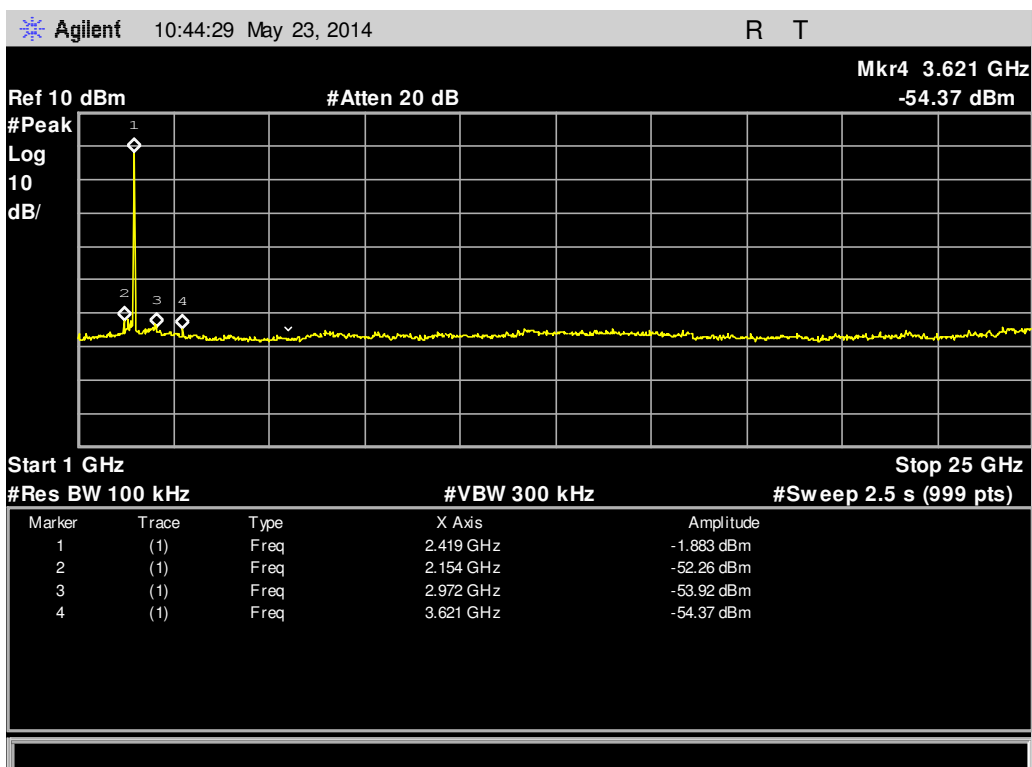
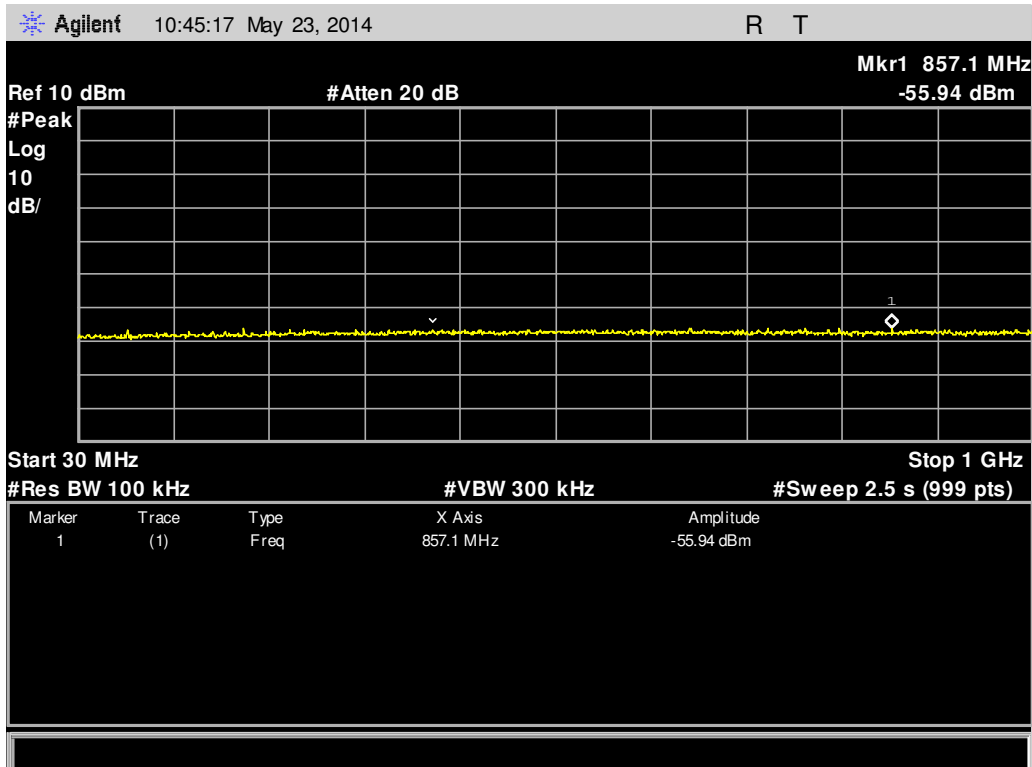
Date: 24.MAY.2014 17:11:05

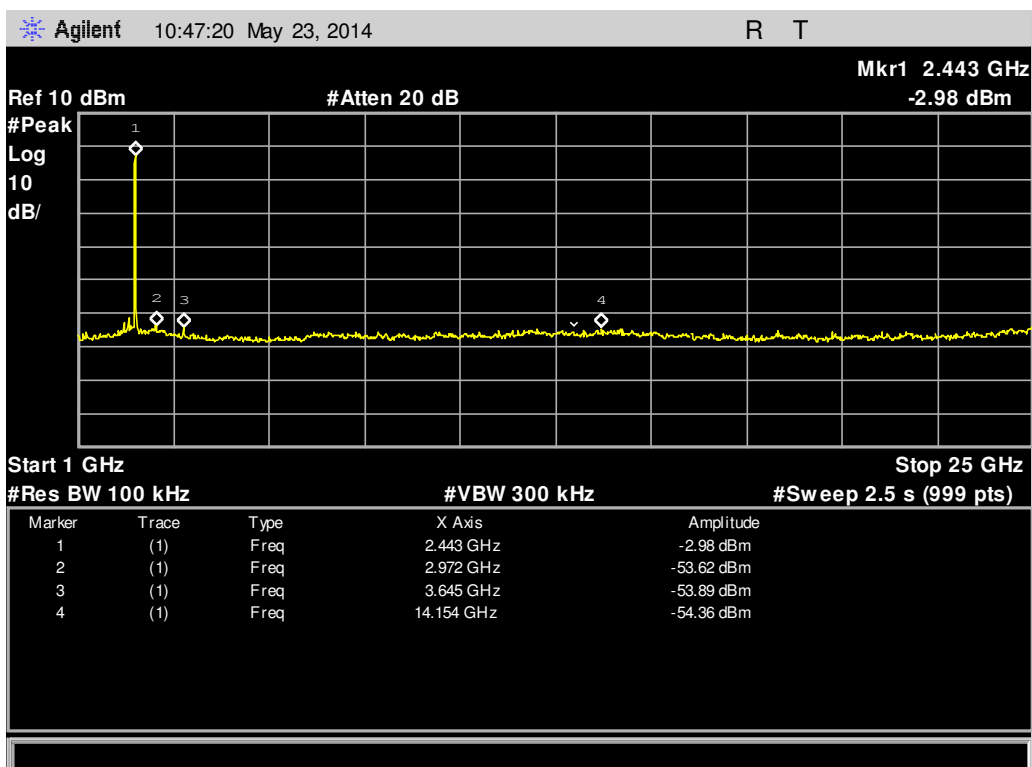
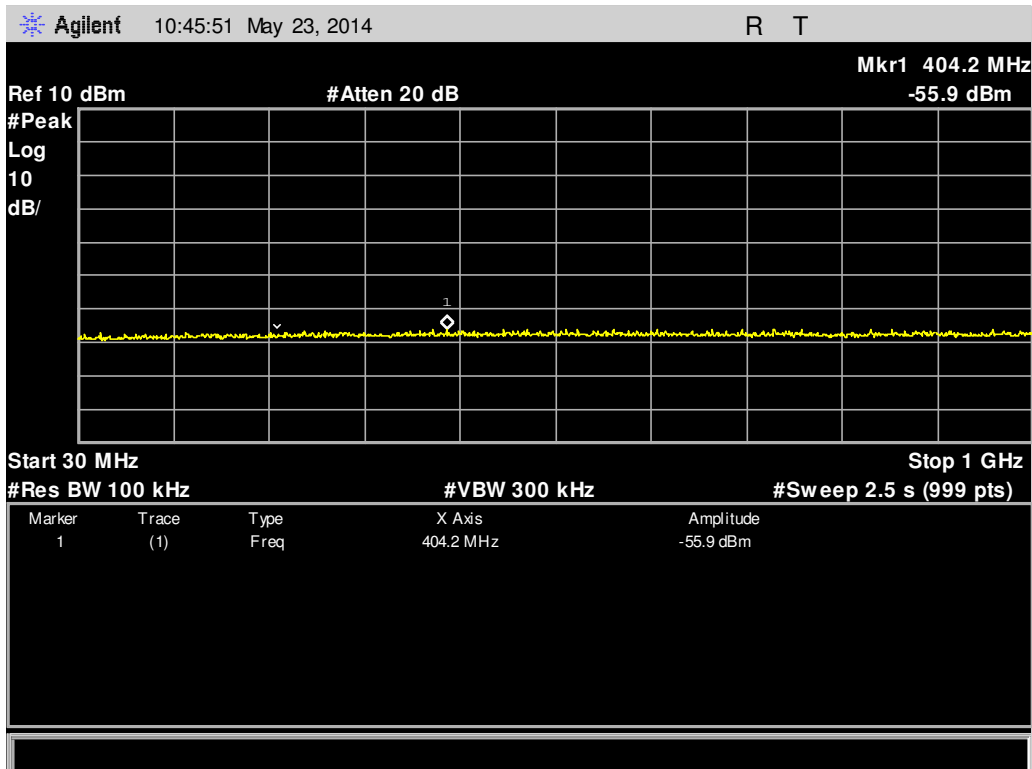


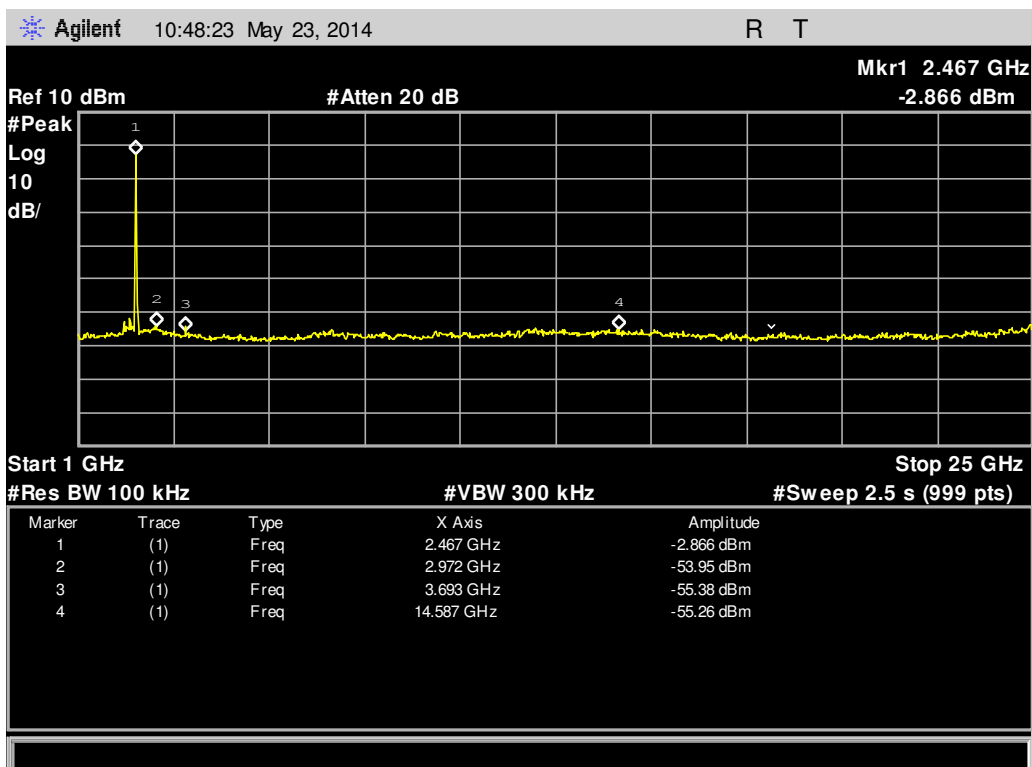
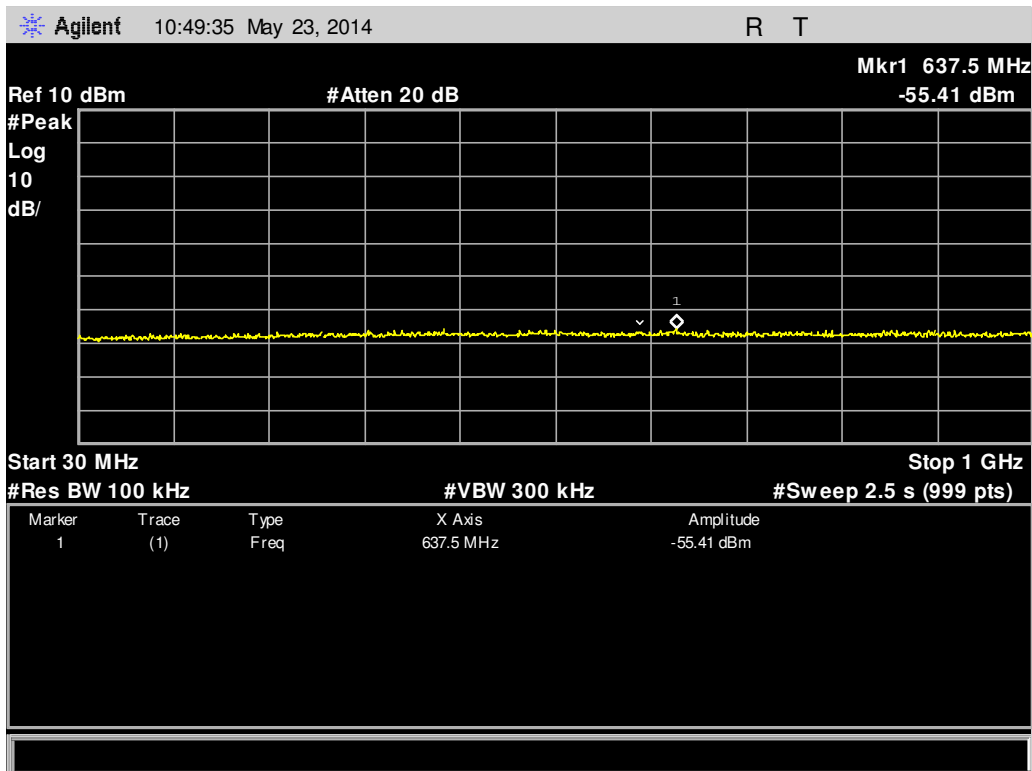
Date: 24.MAY.2014 17:08:45

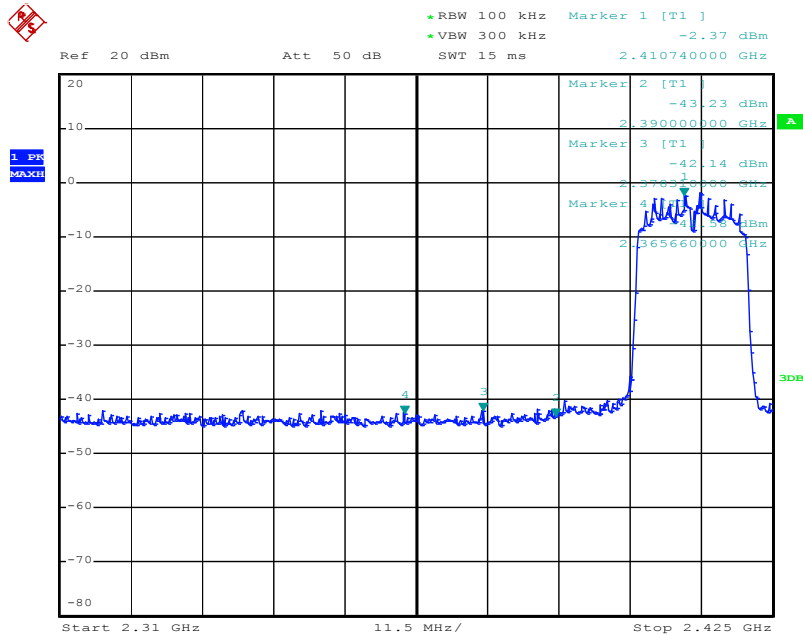
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of 802.11n

Low Channel

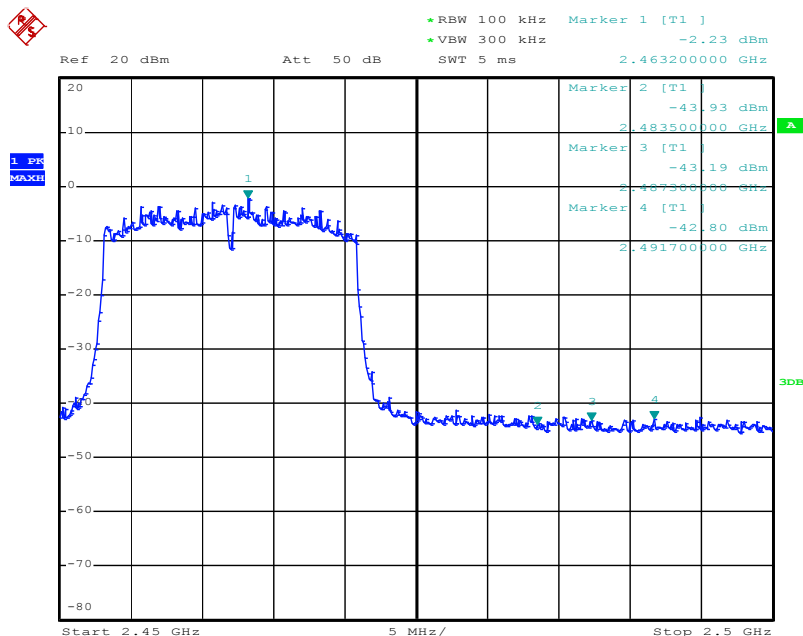


Middle Channel


High Channel


Band Edge


Date: 24.MAY.2014 17:12:12



Date: 24.MAY.2014 17:09:40

5.1.6 Power spectral density

RESULT:
Pass

Date of testing : 2014-05-24
 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	-9.16	8	Pass
	2440	-9.12	8	Pass
	2480	-9.45	8	Pass
802.11b	2412	-10.43	8	Pass
	2437	-11.18	8	Pass
	2462	-11.96	8	Pass
802.11g	2412	-15.41	8	Pass
	2437	-15.68	8	Pass
	2462	-15.70	8	Pass
802.11n	2412	-16.23	8	Pass
	2437	-15.12	8	Pass
	2462	-15.93	8	Pass

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5.1.7 Spurious Emission

RESULT:**Pass**

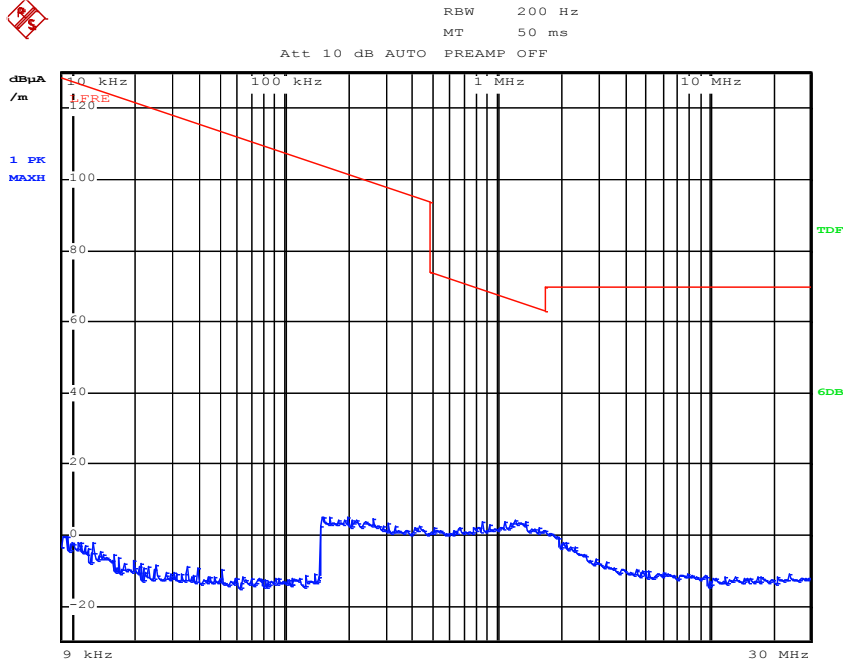
Date of testing : 2014-05-24
Test standard : FCC part 15.247(d)
RSS-210 Clause 2.2
Basic standard : ANSI C63.4: 2003
Clause 11 of KDB 558074 v03r01
Limits : FCC part 15.209(a)
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Test Channel : Low/ Middle/ High
Operation mode : A.1, A.2, A.3
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

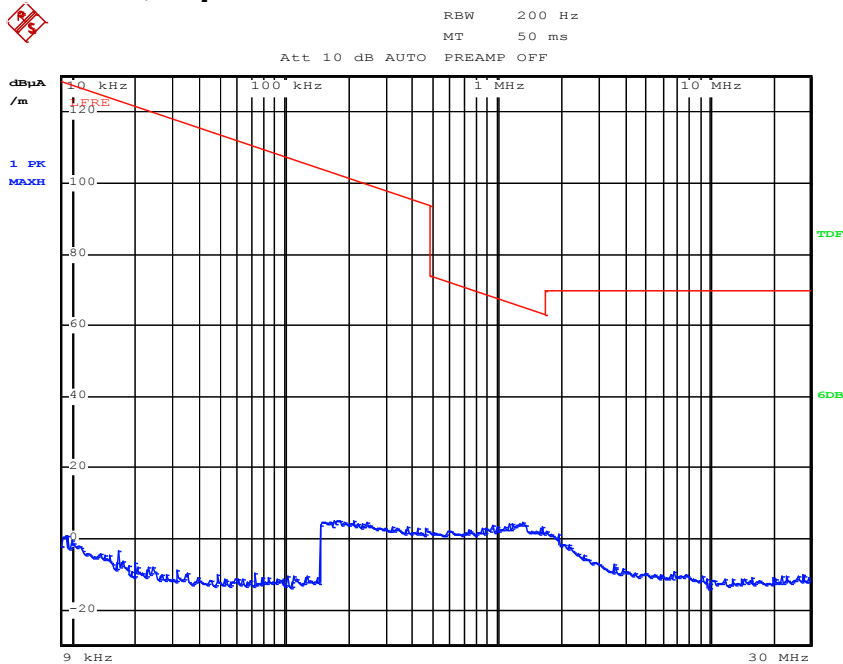
For details refer to following test plot.

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

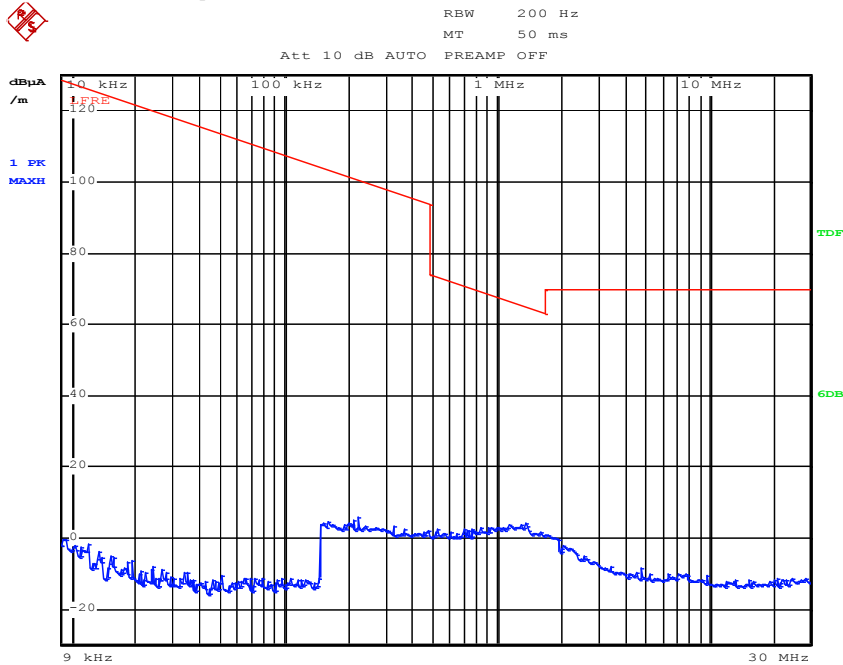


Date: 24.MAY.2014 11:01:47

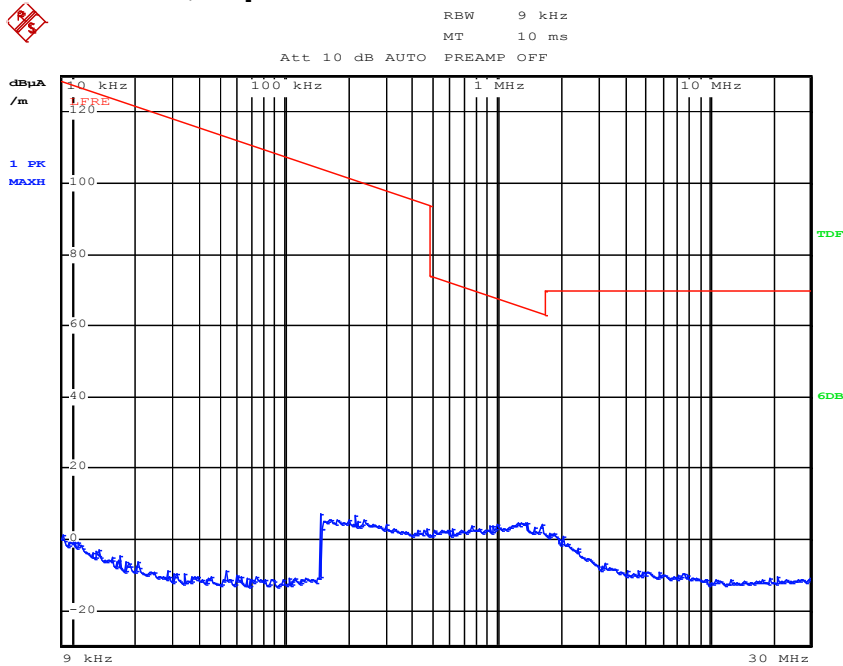
Low channel, Y polarization:



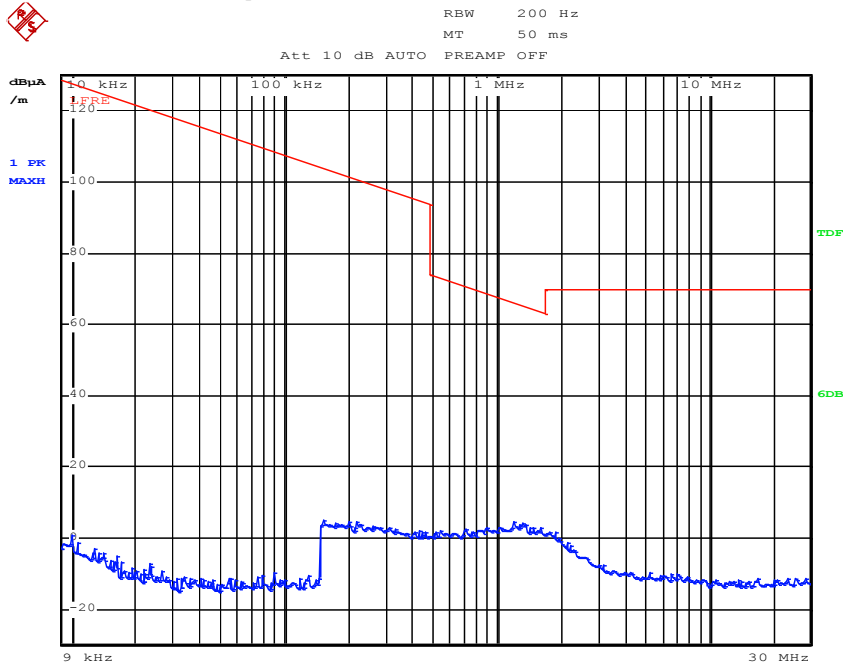
Date: 24.MAY.2014 11:07:48

Low channel, Z polarization:


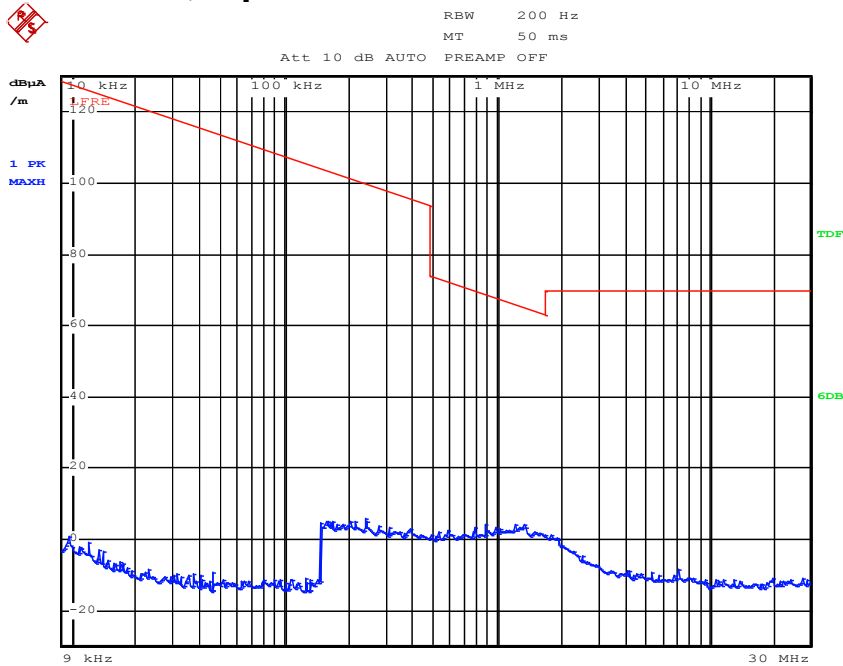
Date: 24.MAY.2014 11:09:44

Middle channel, X polarization:


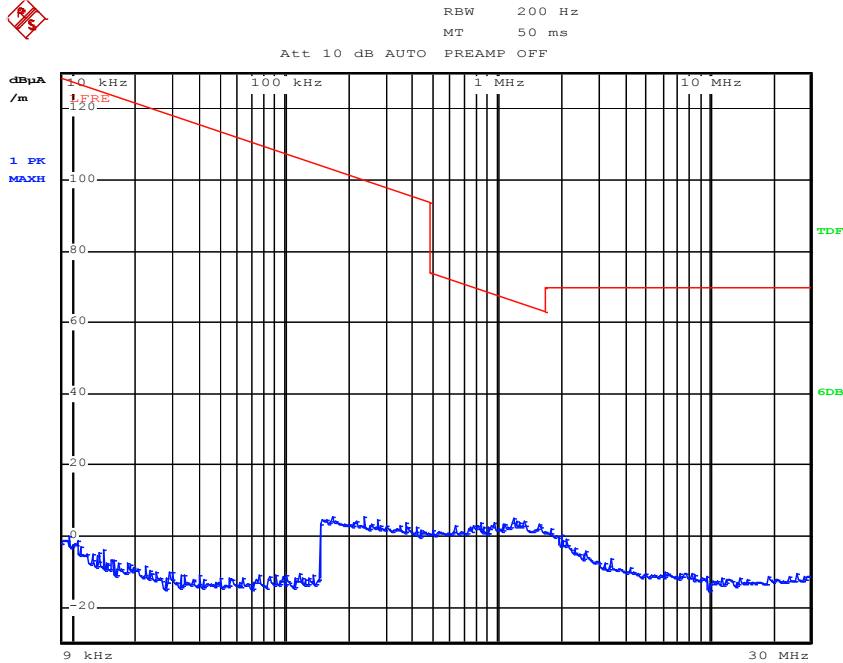
Date: 24.MAY.2014 11:18:06

Middle channel, Y polarization:


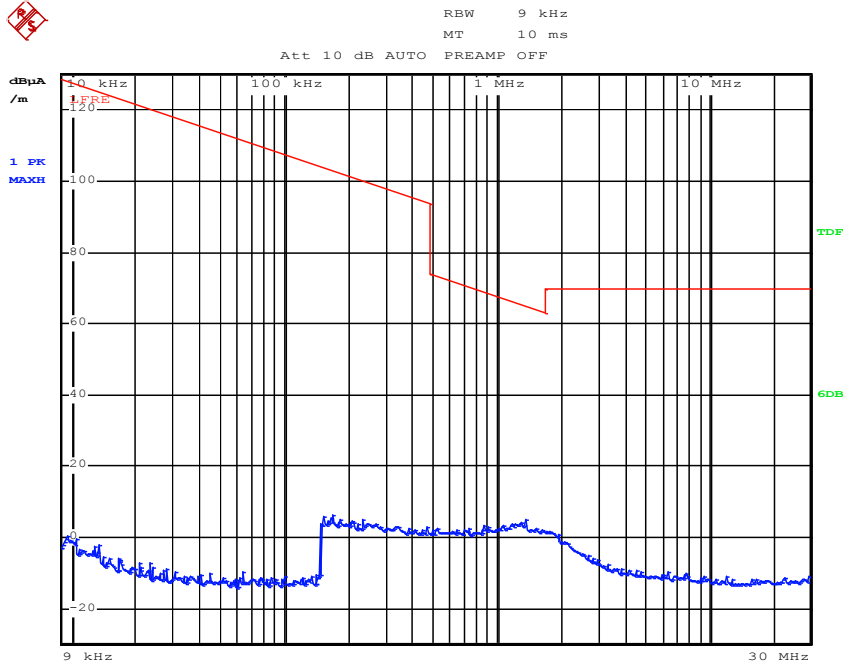
Date: 24.MAY.2014 11:20:02

Middle channel, Z polarization:


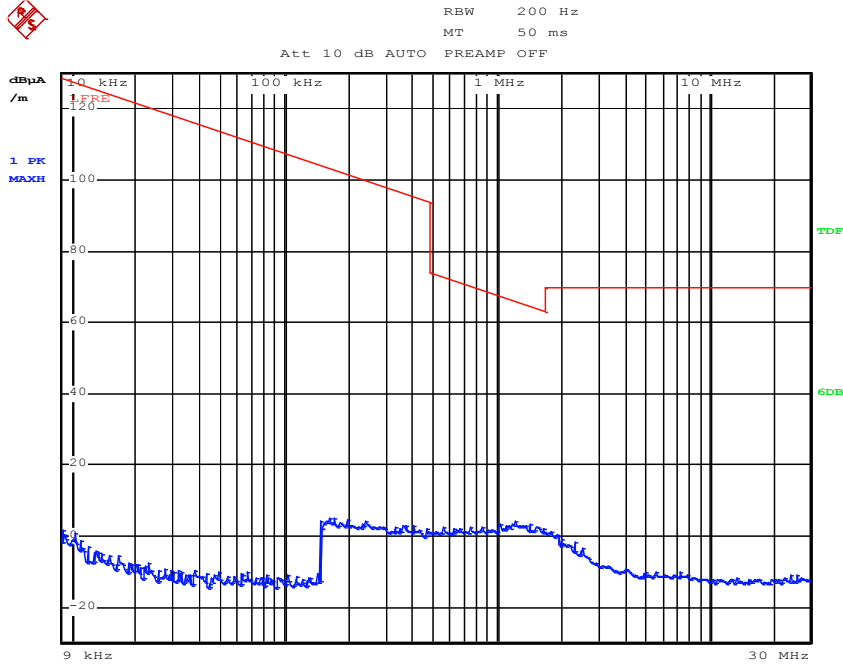
Date: 24.MAY.2014 11:22:30

High channel, X polarization:


Date: 24.MAY.2014 11:24:24

High channel, Y polarization:


Date: 24.MAY.2014 11:27:40

High channel, Z polarization:


Date: 24.MAY.2014 11:30:20

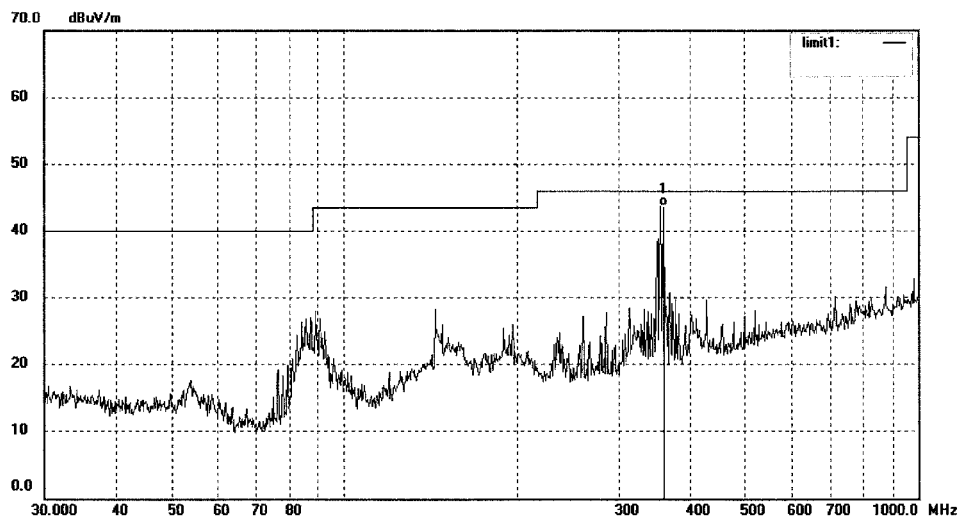

ACCURATE TECHNOLOGY CO., LTD.

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

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

Job No.: PHY #1655	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0167	51.21	-7.61	43.60	46.00	-2.40	QP			

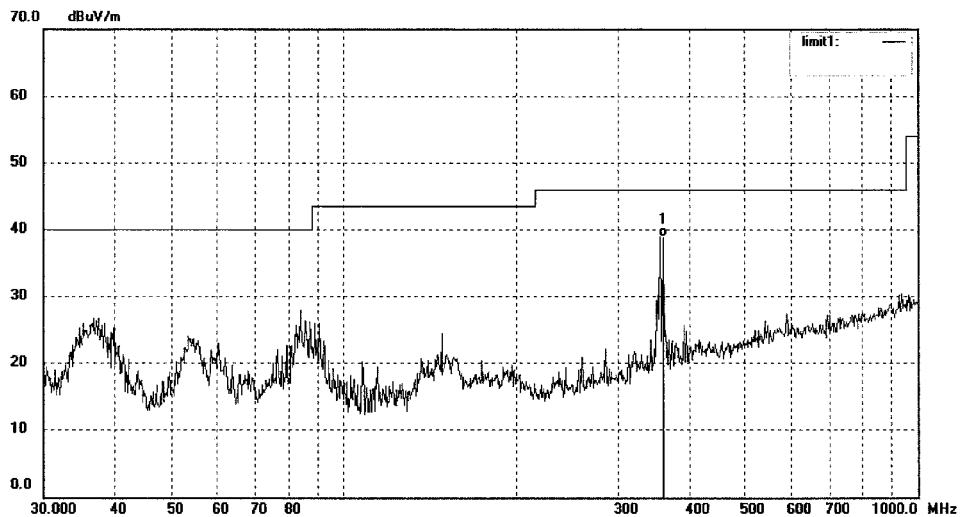

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PHY #1656	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0791	46.49	-7.61	38.88	46.00	-7.12	QP			

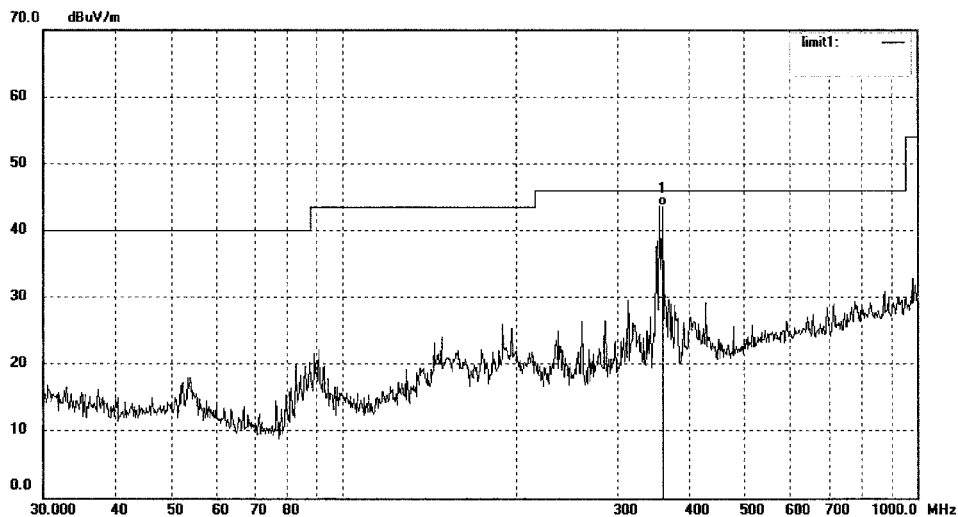

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1658	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2441MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0709	51.25	-7.61	43.64	46.00	-2.36	QP			


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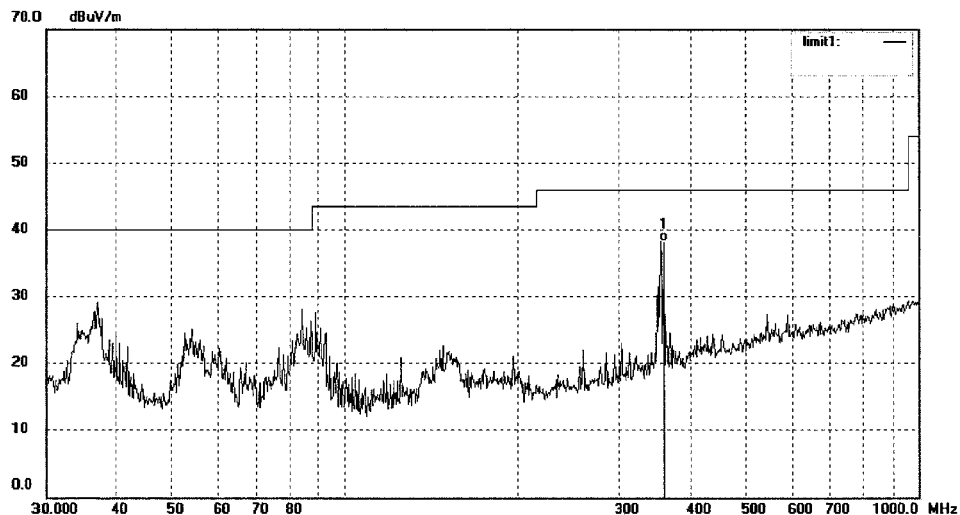
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1657	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2441MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0351	45.83	-7.61	38.22	46.00	-7.78	QP			

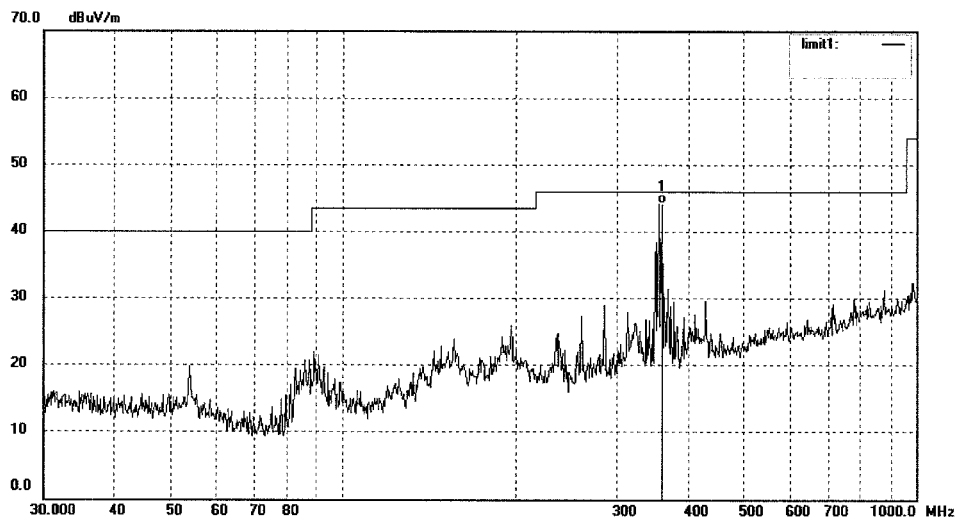

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1659	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0421	51.84	-7.61	44.23	46.00	-1.77	QP			

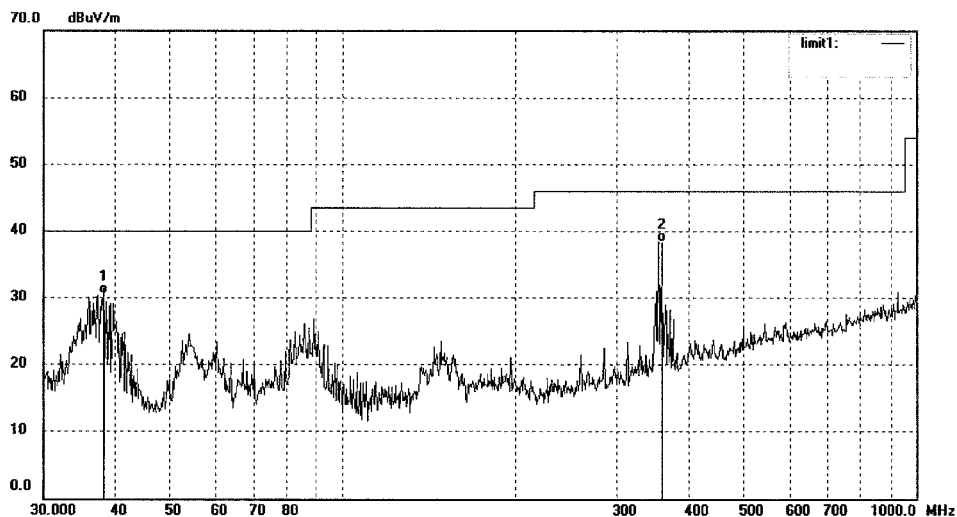

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1660	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	38.2305	41.62	-11.14	30.48	40.00	-9.52	QP			
2	360.0299	46.10	-7.61	38.49	46.00	-7.51	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 #1704

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 14/05/18/

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

Time:

EUT: MID

Engineer Signature: PEI

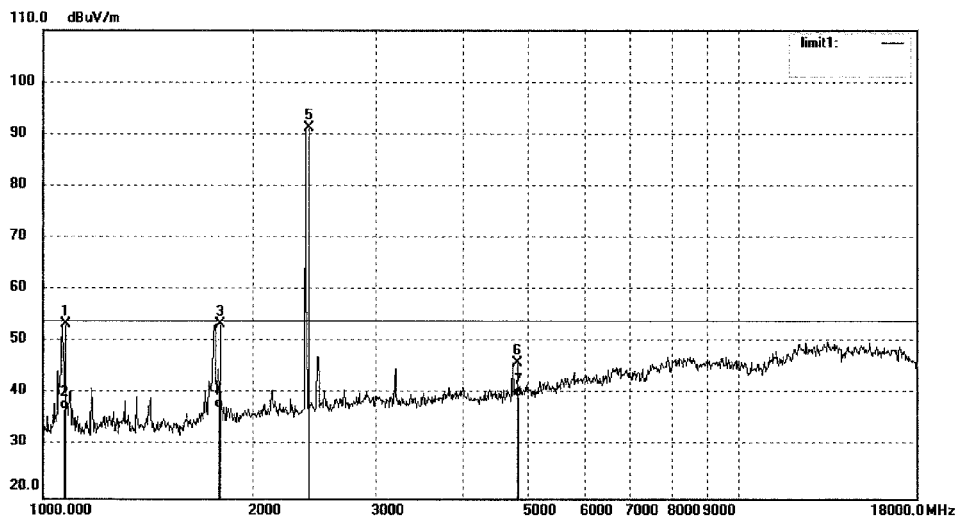
Mode: TX 2402MHz

Distance:

Model: NS-15AT07

Manufacturer: Yifang

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	1080.113	66.11	-12.64	53.47	74.00	-20.53	peak			
2	1080.113	49.54	-12.64	36.90	54.00	-17.10	AVG			
3	1799.971	63.44	-10.04	53.40	74.00	-20.60	peak			
4	1799.971	47.24	-10.04	37.20	54.00	-16.80	AVG			
5	2402.000	98.72	-7.45	91.27	/	/	peak			
6	4804.032	46.34	-0.30	46.04	74.00	-27.96	peak			
7	4804.032	39.68	-0.30	39.38	54.00	-14.62	AVG			

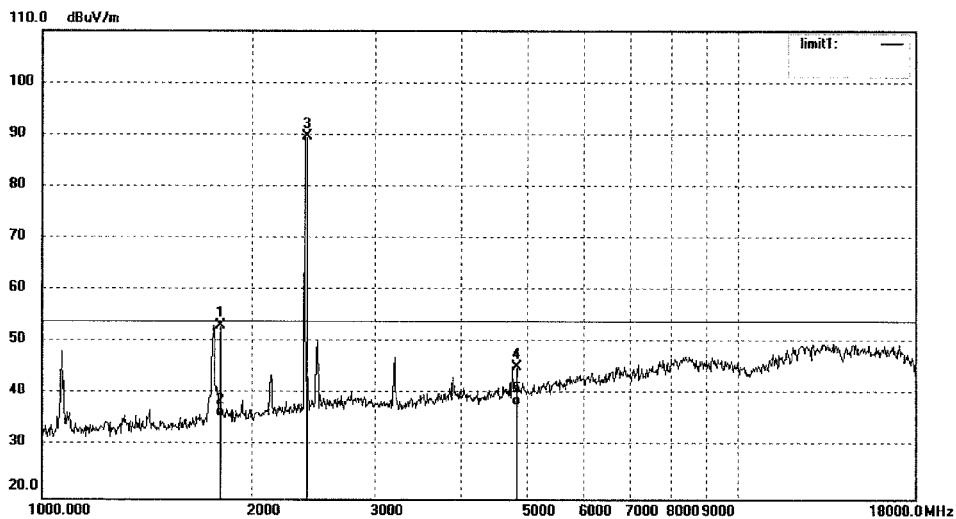

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1703	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1801.210	63.29	-10.04	53.25	74.00	-20.75	peak			
2	1801.210	45.74	-10.04	35.70	54.00	-18.30	AVG			
3	2402.000	97.05	-7.45	89.60	/	/	peak			
4	4804.020	45.66	-0.30	45.36	74.00	-28.64	peak			
5	4804.020	38.25	-0.30	37.95	54.00	-16.05	AVG			

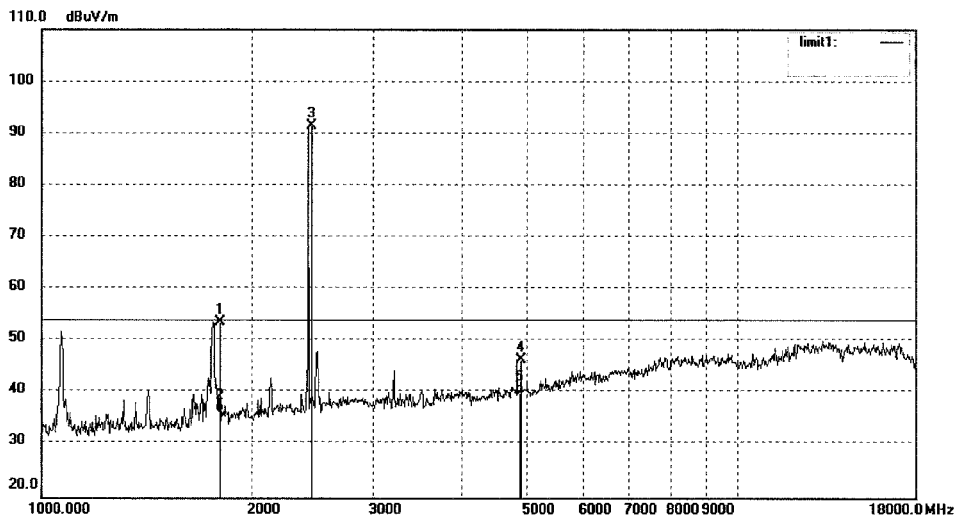

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PHY #1708	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2441MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1801.211	63.63	-10.04	53.59	74.00	-20.41	peak			
2	1801.211	46.34	-10.04	36.30	54.00	-17.70	AVG			
3	2441.000	98.69	-7.35	91.34	/	/	peak			
4	4882.015	46.21	0.14	46.35	74.00	-27.65	peak			
5	4882.015	39.75	0.14	39.89	54.00	-14.11	AVG			

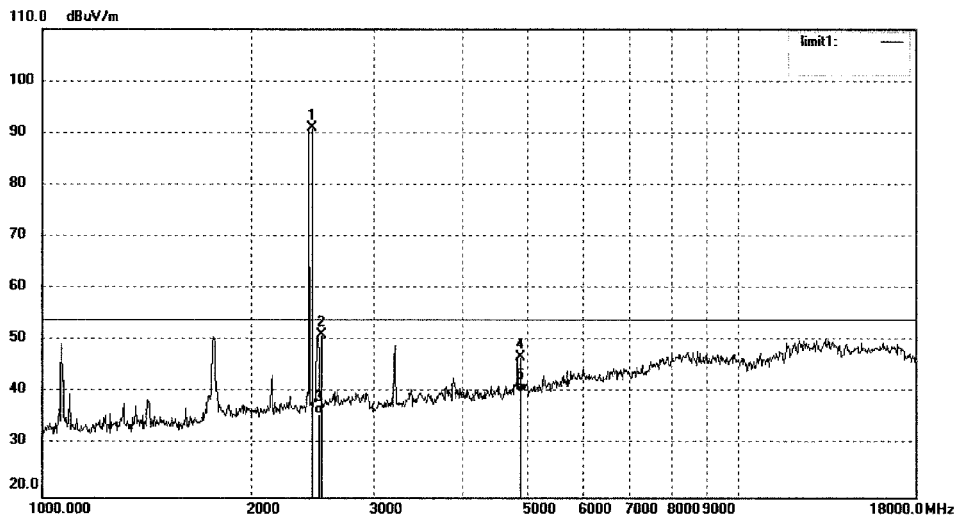

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 Site: 2# Chamber
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Job No.: PHY #1707	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2441MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2441.000	98.27	-7.35	90.92	/	/	peak			
2	2520.695	58.42	-7.22	51.20	74.00	-22.80	peak			
3	2520.695	43.02	-7.22	35.80	54.00	-18.20	AVG			
4	4882.027	46.86	0.14	47.00	74.00	-27.00	peak			
5	4882.027	39.96	0.14	40.10	54.00	-13.90	AVG			

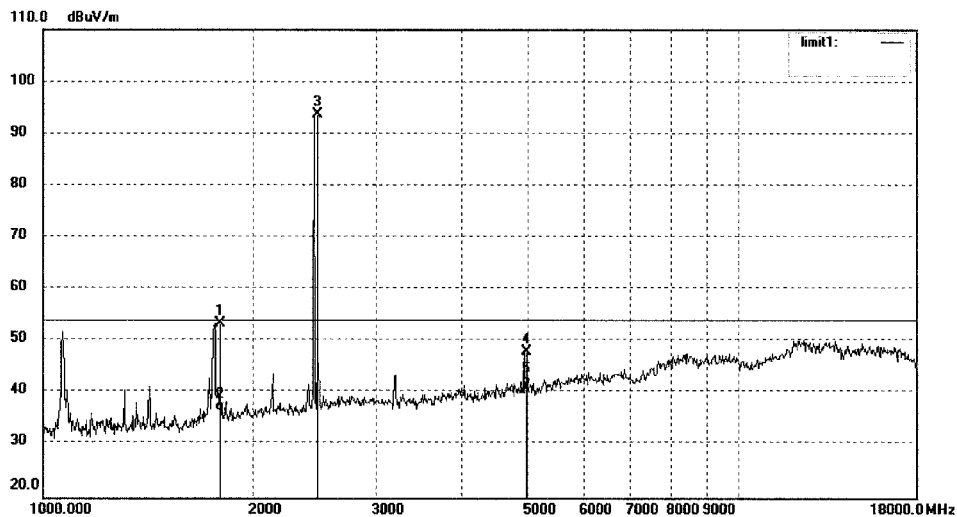

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 Site: 2# Chamber
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Job No.: PHY #1709	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1799.957	63.53	-10.04	53.49	74.00	-20.51	peak			
2	1799.957	46.54	-10.04	36.50	54.00	-17.50	AVG			
3	2480.000	101.13	-7.37	93.76	/	/	peak			
4	4960.016	47.48	0.52	48.00	74.00	-26.00	peak			
5	4960.016	40.95	0.52	41.47	54.00	-12.53	AVG			

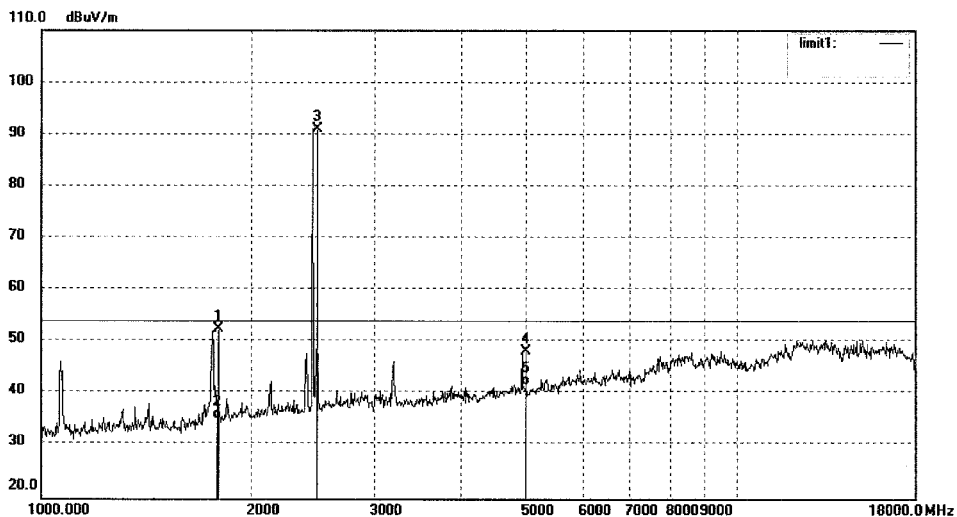

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 Site: 2# Chamber
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Job No.: PHY #1710	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1799.319	62.55	-10.04	52.51	74.00	-21.49	peak			
2	1799.319	45.14	-10.04	35.10	54.00	-18.90	AVG			
3	2480.000	98.26	-7.37	90.89	/	/	peak			
4	4960.038	47.68	0.52	48.20	74.00	-25.80	peak			
5	4960.038	41.23	0.52	41.75	54.00	-12.25	AVG			

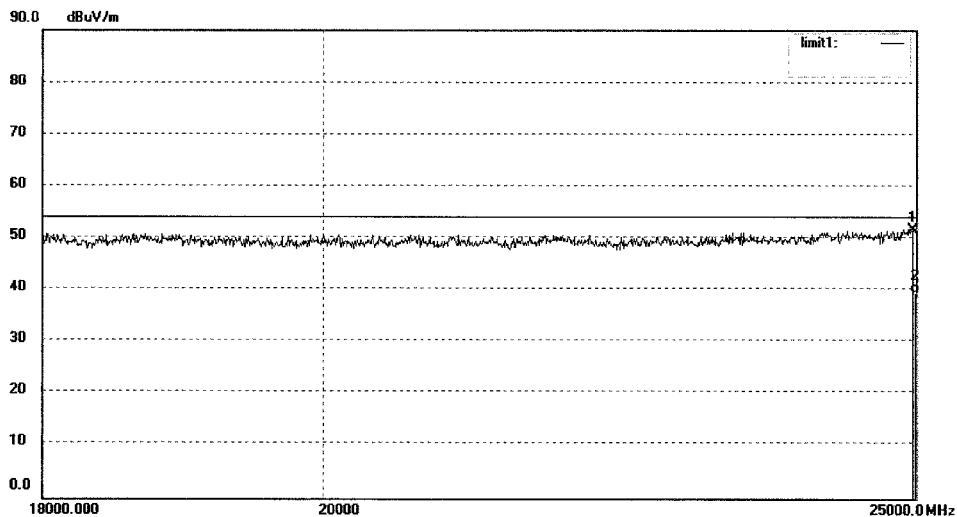

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1743	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	32.66	18.88	51.54	74.00	-22.46	peak			
2	24983.547	20.66	18.88	39.54	54.00	-14.46	AVG			

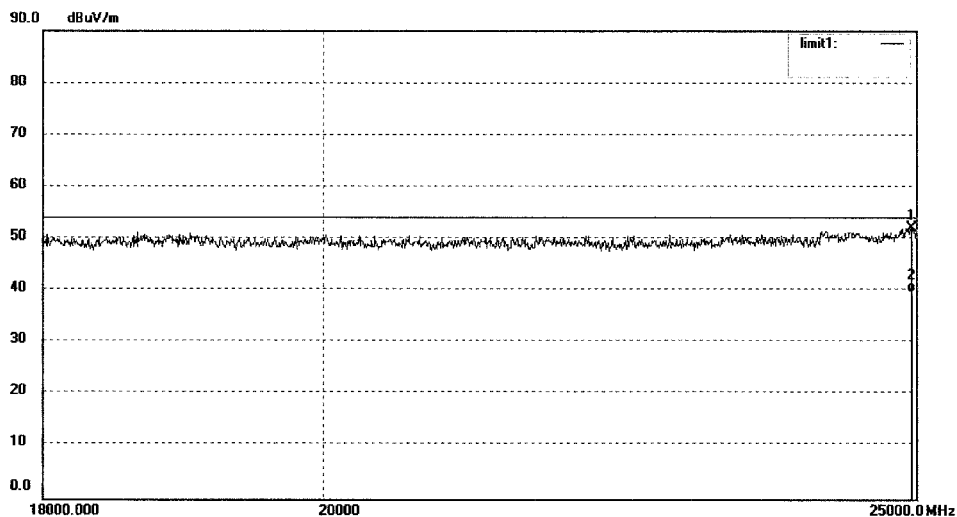

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1744	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.22	18.84	52.06	74.00	-21.94	peak			
2	24958.889	20.84	18.84	39.68	54.00	-14.32	AVG			

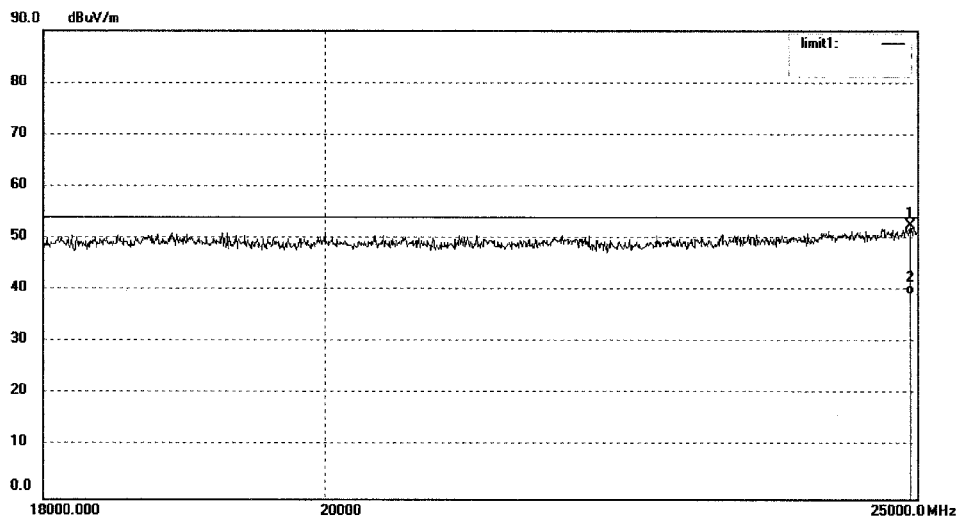

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1746	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2441MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.69	18.82	52.51	74.00	-21.49	peak			
2	24942.463	20.47	18.82	39.29	54.00	-14.71	AVG			

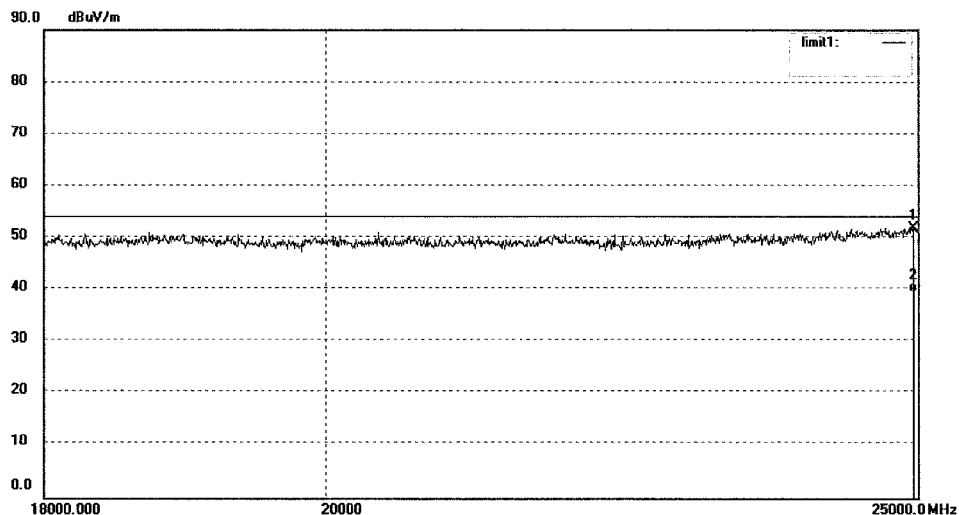

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1745	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2441MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.08	18.84	51.92	74.00	-22.08	peak			
2	24958.889	20.57	18.84	39.41	54.00	-14.59	AVG			

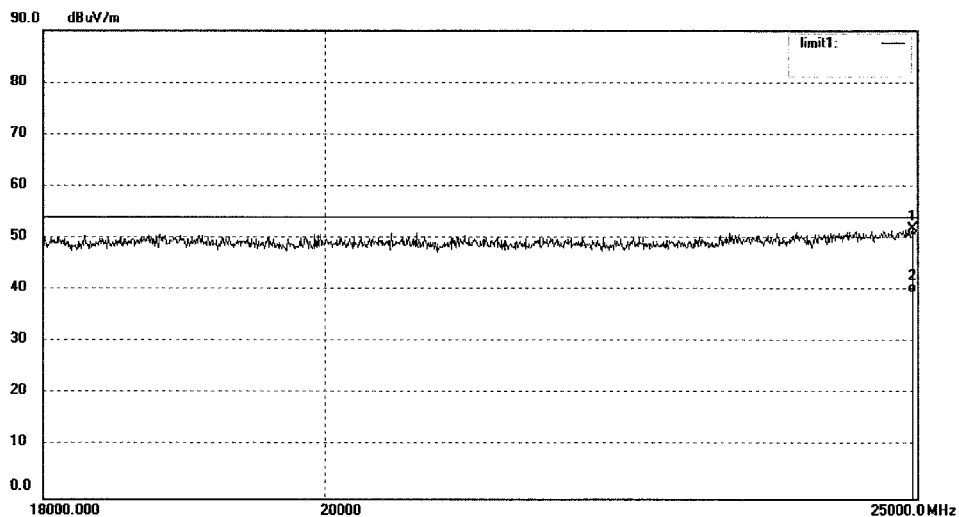

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1747	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24967.105	33.06	18.85	51.91	74.00	-22.09	peak			
2	24967.105	20.72	18.85	39.57	54.00	-14.43	AVG			

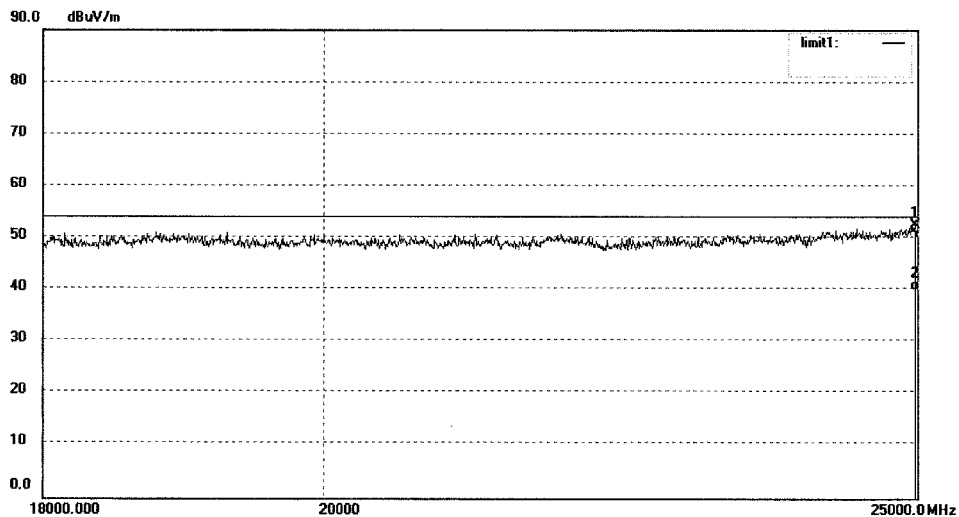

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1748	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.56	18.88	52.44	74.00	-21.56	peak			
2	24983.547	21.06	18.88	39.94	54.00	-14.06	AVG			

Test Plot of Frequency Band Edge of Bluetooth BDR mode


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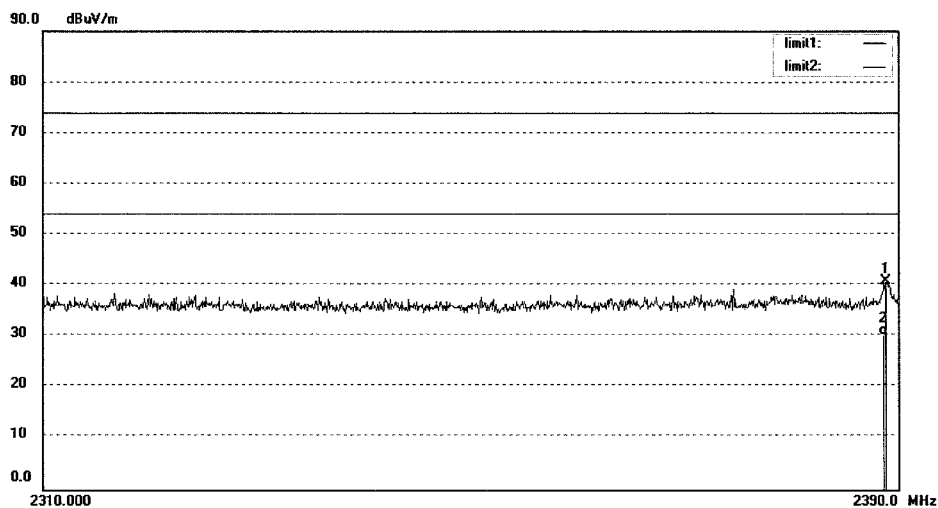
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1705	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: Bluetooth



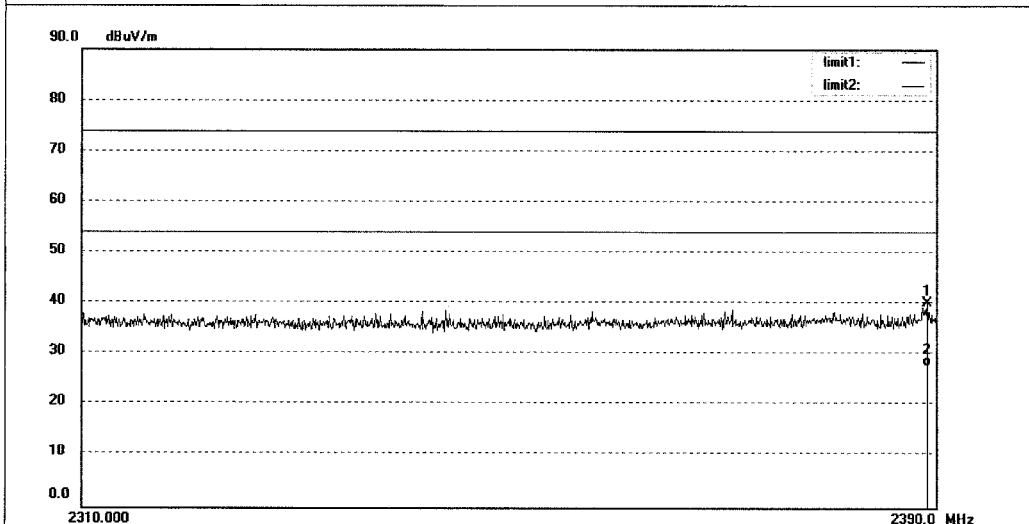
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2388.796	48.40	-7.53	40.87	74.00	-33.13	peak			
2	2388.796	37.83	-7.53	30.30	54.00	-23.70	AVG			


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Job No.: PHY #1706	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2389.138	47.71	-7.53	40.18	74.00	-33.82	peak			
2	2389.138	35.43	-7.53	27.90	54.00	-26.10	AVG			

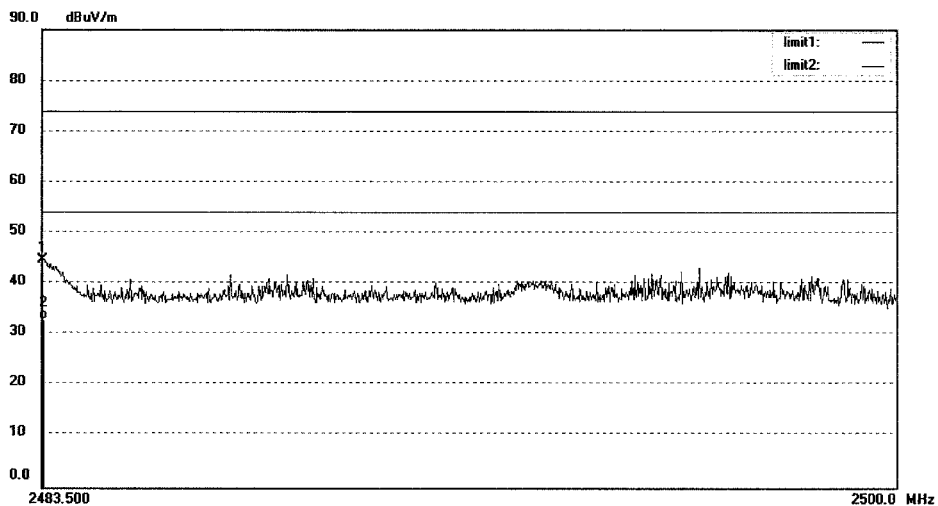

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 Site: 2# Chamber
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Job No.: PHY #1712	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: Bluetooth



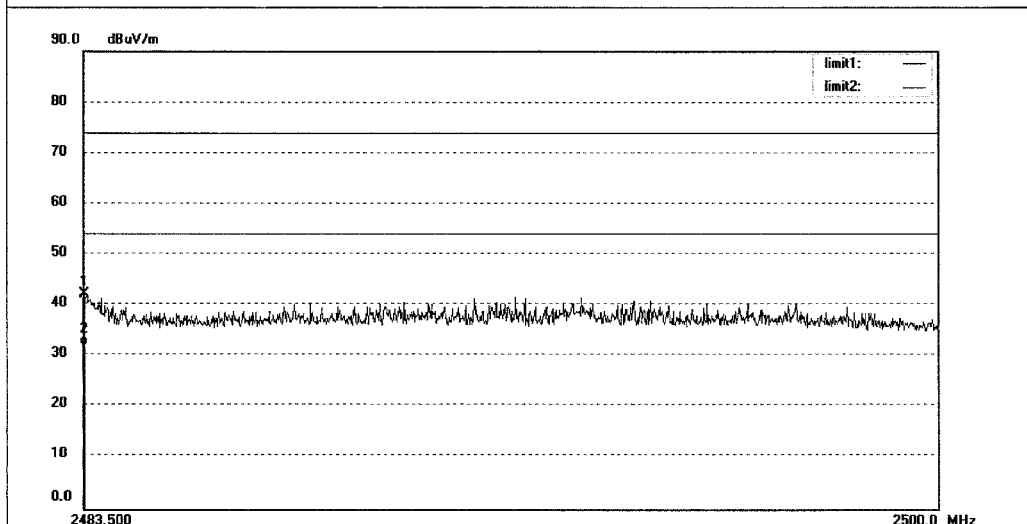
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	52.07	-7.37	44.70	74.00	-29.30	peak			
2	2483.500	40.37	-7.37	33.00	54.00	-21.00	AVG			


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 Fax:+86-0755-26503396

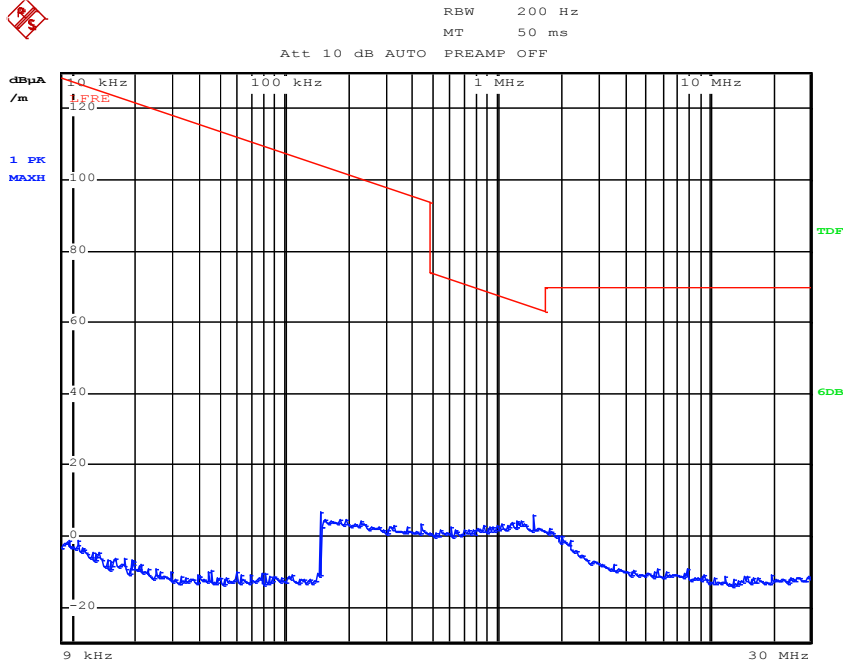
Job No.: PHY #1711	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: Bluetooth



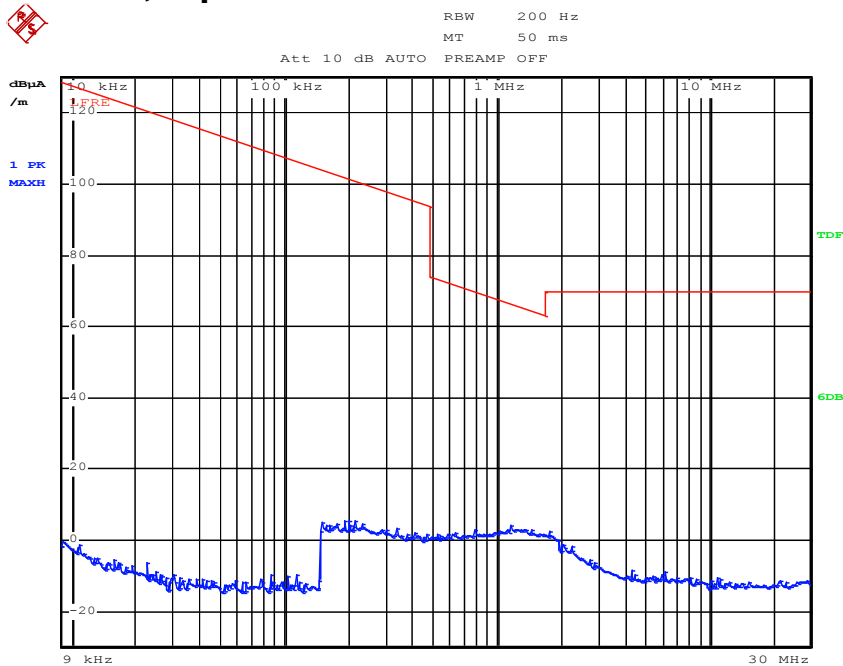
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	49.51	-7.37	42.14	74.00	-31.86	peak			
2	2483.500	39.47	-7.37	32.10	54.00	-21.90	AVG			

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

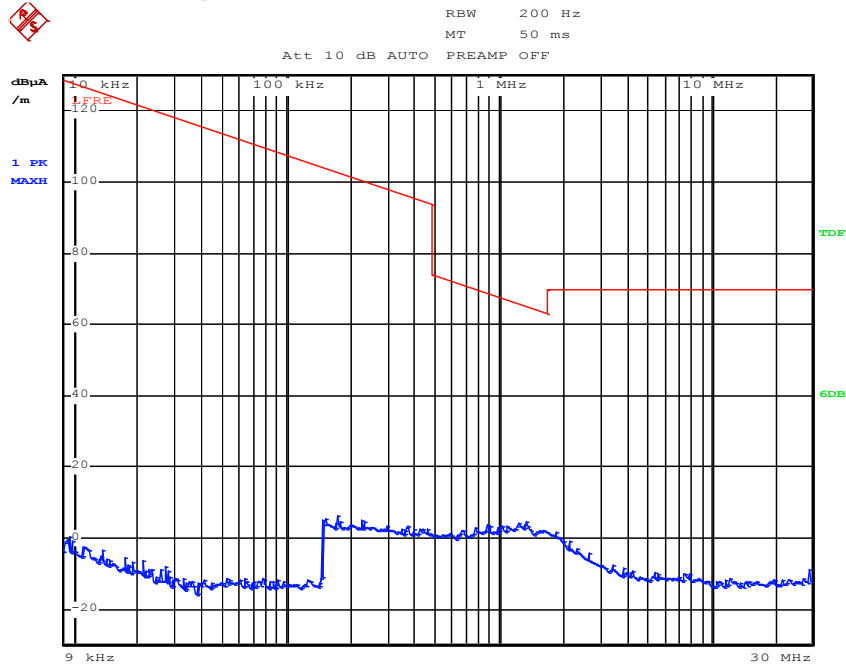


Date: 24.MAY.2014 11:51:42

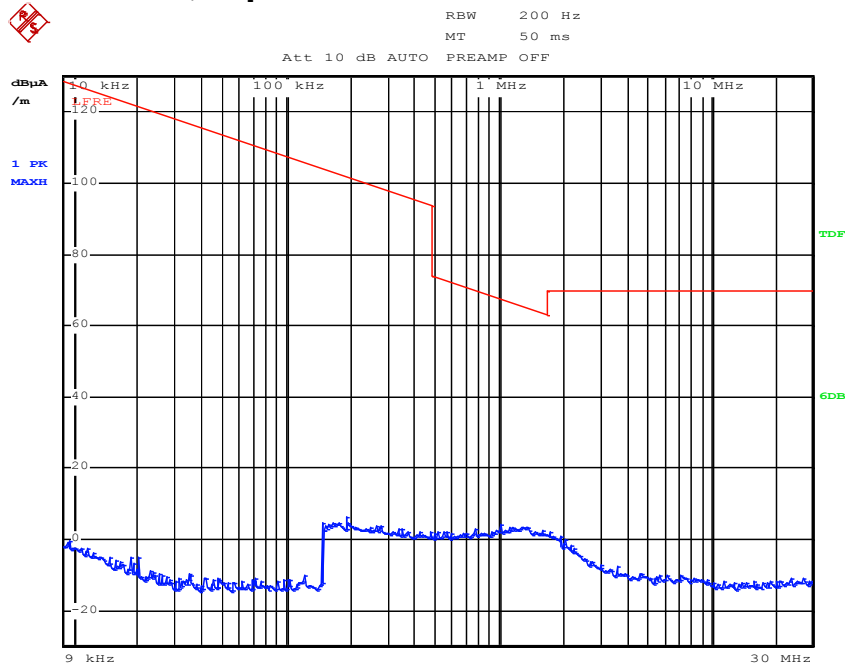
Low channel, Y polarization:



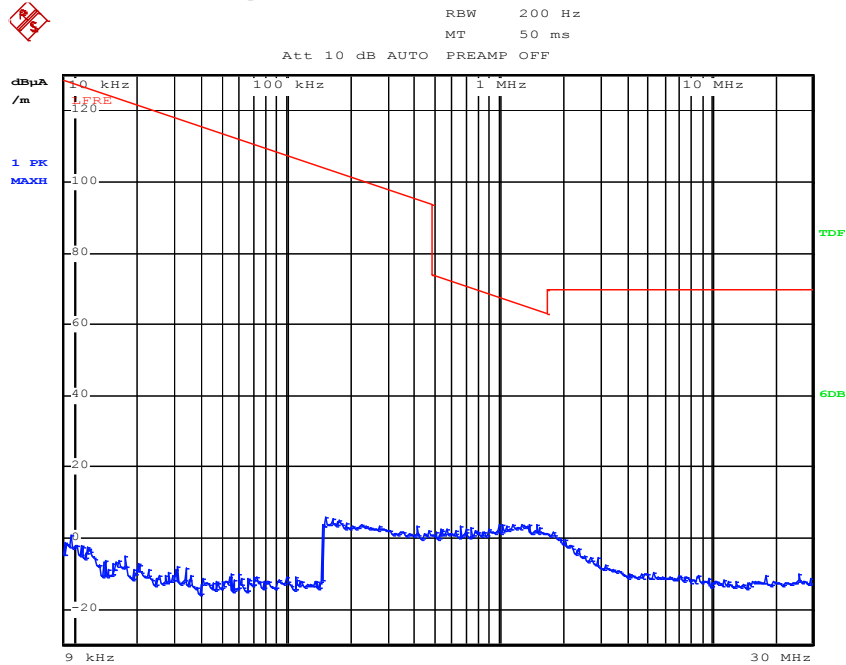
Date: 24.MAY.2014 11:53:53

Low channel, Z polarization:


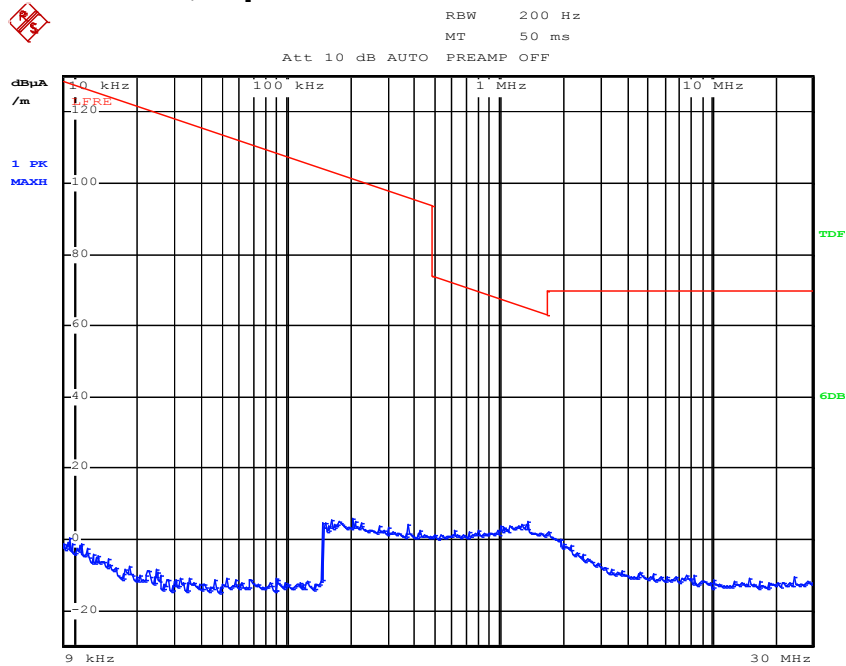
Date: 24.MAY.2014 11:55:56

Middle channel, X polarization:


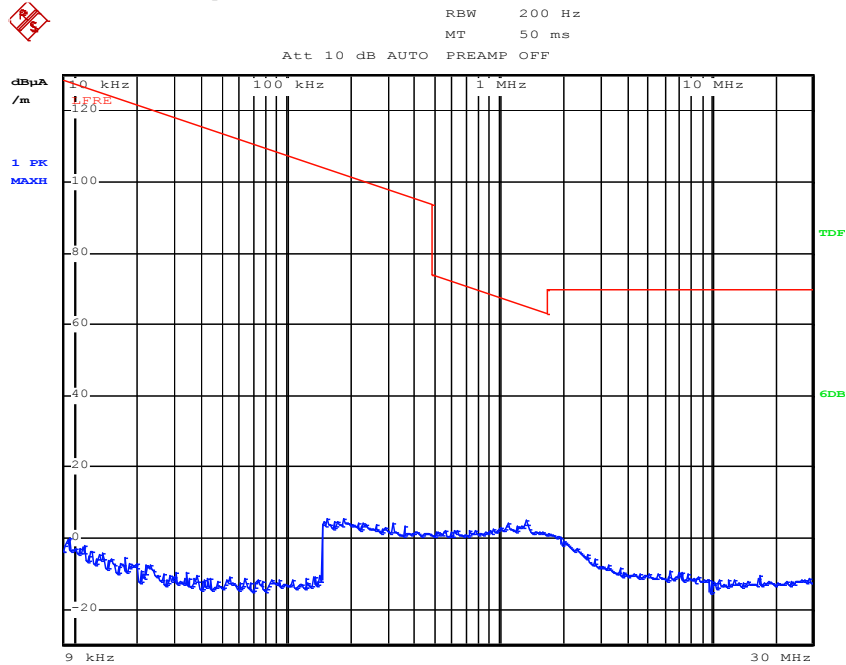
Date: 24.MAY.2014 11:57:59

Middle channel, Y polarization:


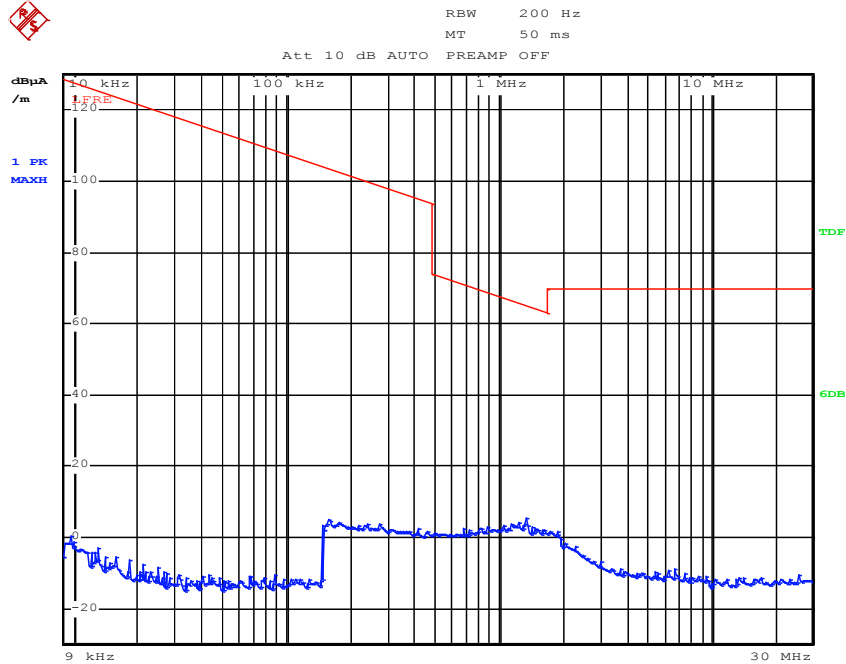
Date: 24.MAY.2014 11:59:58

Middle channel, Z polarization:


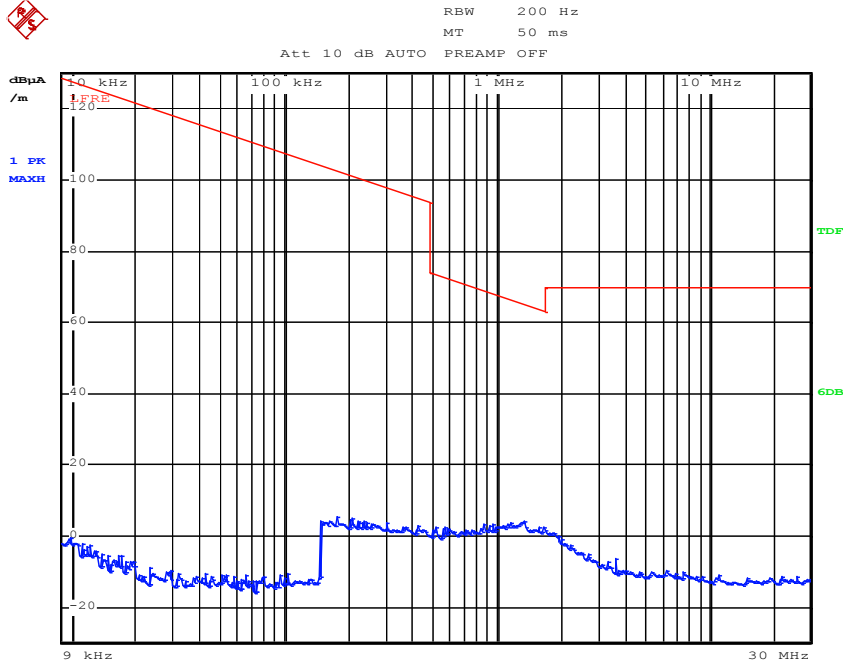
Date: 24.MAY.2014 12:01:54

High channel, X polarization:


Date: 24.MAY.2014 12:03:56

High channel, Y polarization:


Date: 24.MAY.2014 12:08:10

High channel, Z polarization:


Date: 24.MAY.2014 13:55:43

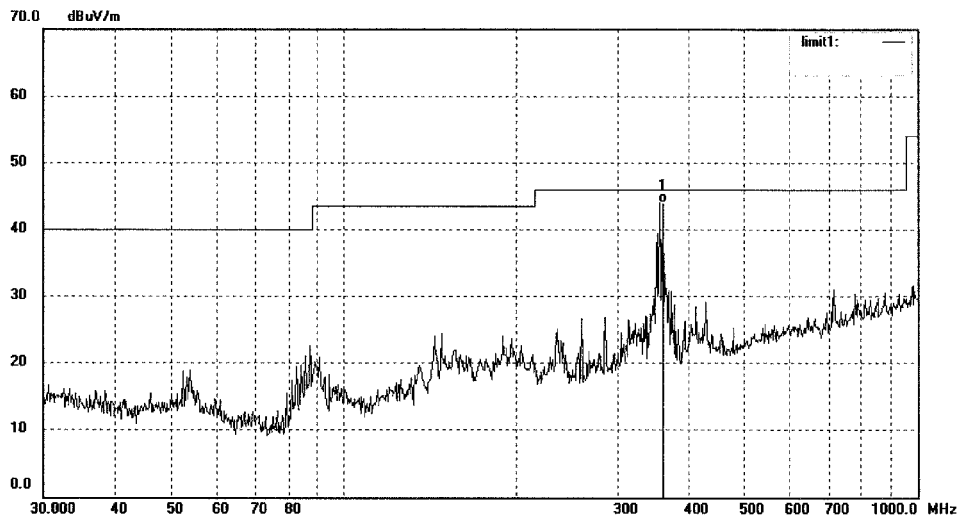

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 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1667	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0347	51.63	-7.61	44.02	46.00	-1.98	QP			

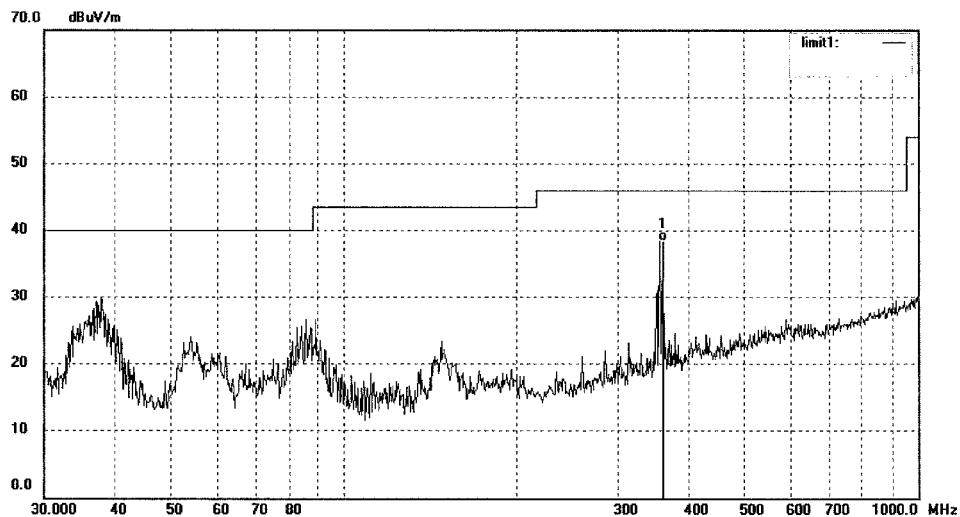

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1668	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0406	45.97	-7.61	38.36	46.00	-7.64	QP			

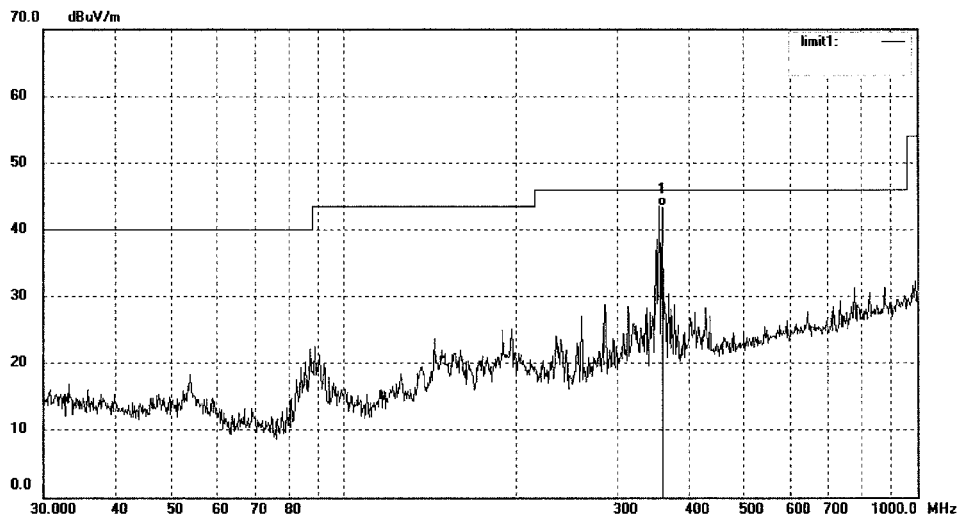

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1670	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2440MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0350	51.05	-7.61	43.44	46.00	-2.56	QP			

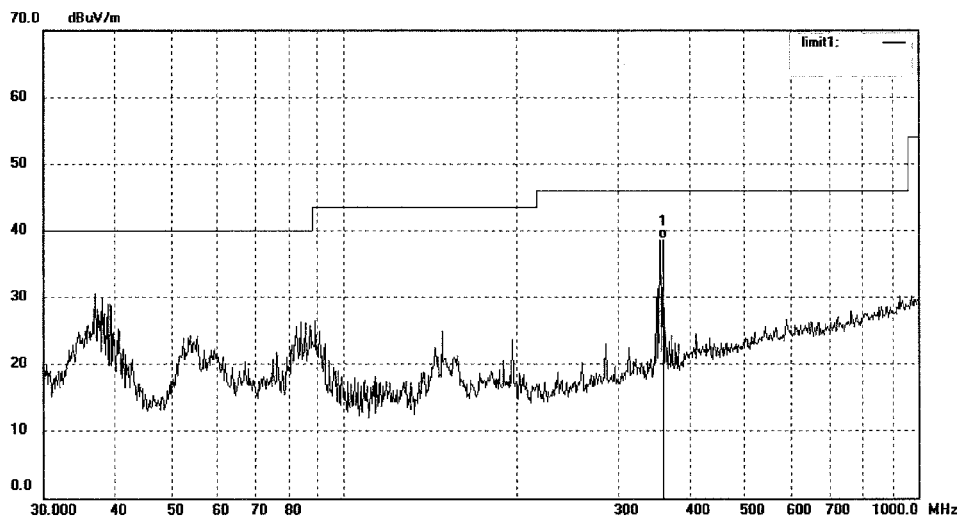

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1669	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2440MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0328	46.30	-7.61	38.69	46.00	-7.31	QP			

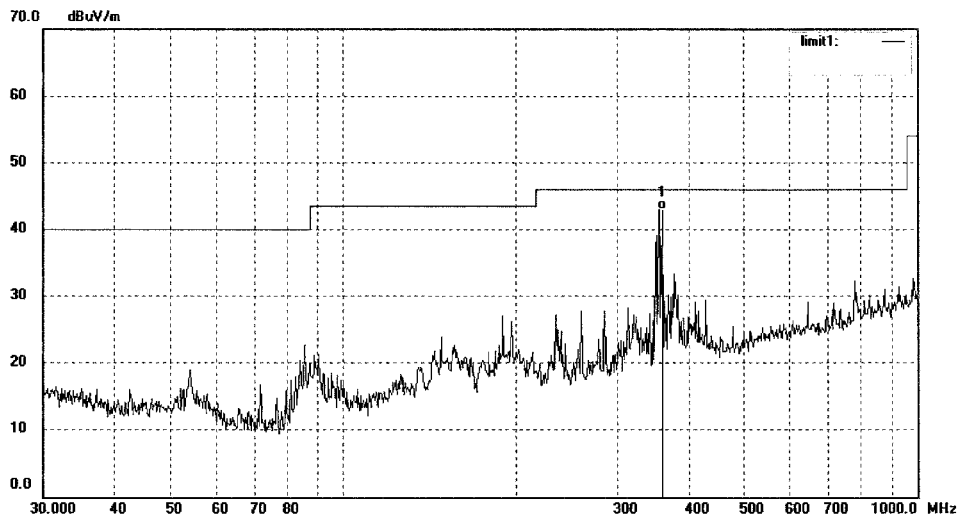

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1671	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0463	50.58	-7.61	42.97	46.00	-3.03	QP			

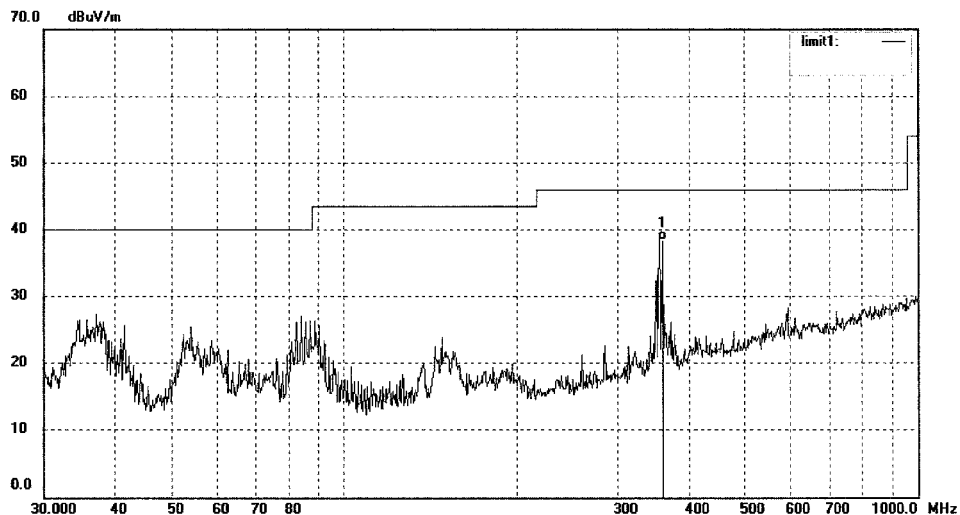

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1672	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0050	46.02	-7.61	38.41	46.00	-7.59	QP			


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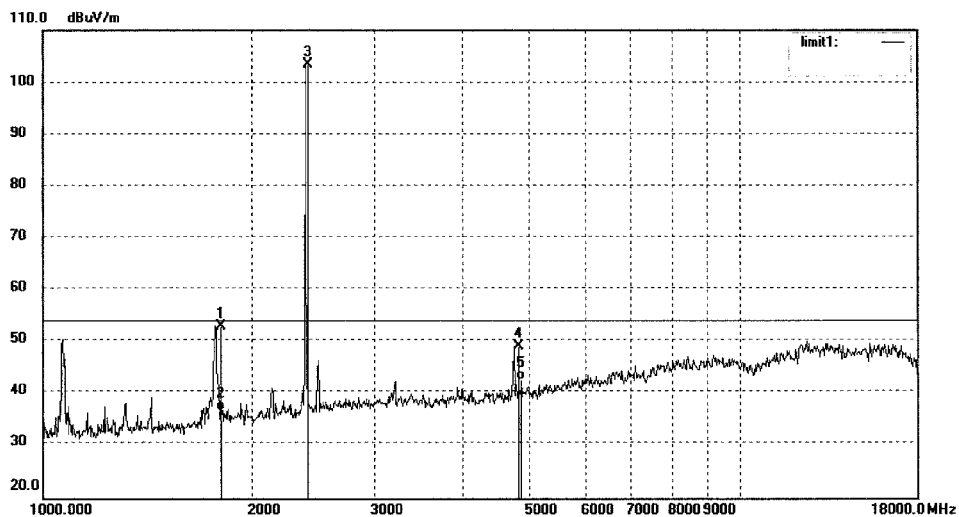
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1720	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1800.215	63.11	-10.04	53.07	74.00	-20.93	peak			
2	1800.215	46.78	-10.04	36.74	54.00	-17.26	AVG			
3	2402.000	110.86	-7.45	103.41	/	/	peak			
4	4804.050	49.47	-0.30	49.17	74.00	-24.83	peak			
5	4804.050	42.99	-0.30	42.69	54.00	-11.31	AVG			


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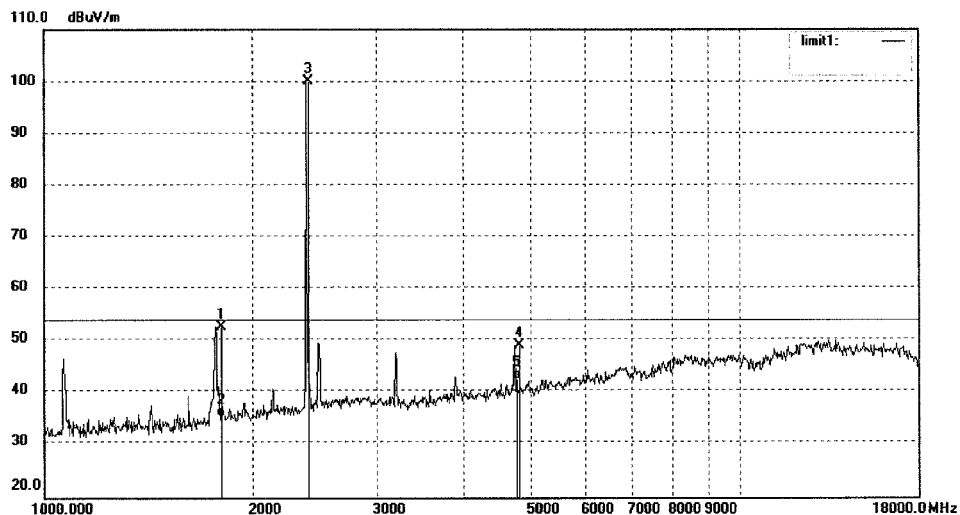
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1719	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1800.527	62.87	-10.04	52.83	74.00	-21.17	peak			
2	1800.527	45.51	-10.04	35.47	54.00	-18.53	AVG			
3	2402.000	107.49	-7.45	100.04	/	/	peak			
4	4804.043	49.41	-0.30	49.11	74.00	-24.89	peak			
5	4804.043	42.86	-0.30	42.56	54.00	-11.44	AVG			


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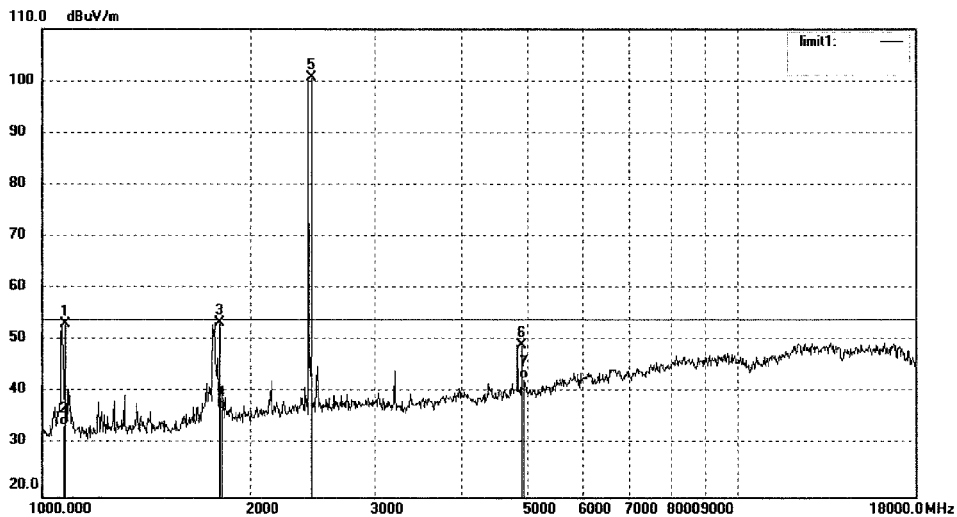
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1724	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2440MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1080.131	65.88	-12.64	53.24	74.00	-20.76	peak			
2	1080.131	46.20	-12.64	33.56	54.00	-20.44	AVG			
3	1800.192	63.42	-10.04	53.38	74.00	-20.62	peak			
4	1800.192	46.86	-10.04	36.82	54.00	-17.18	AVG			
5	2440.000	108.07	-7.36	100.71	/	/	peak			
6	4880.039	48.90	0.13	49.03	74.00	-24.97	peak			
7	4880.039	42.55	0.13	42.68	54.00	-11.32	AVG			

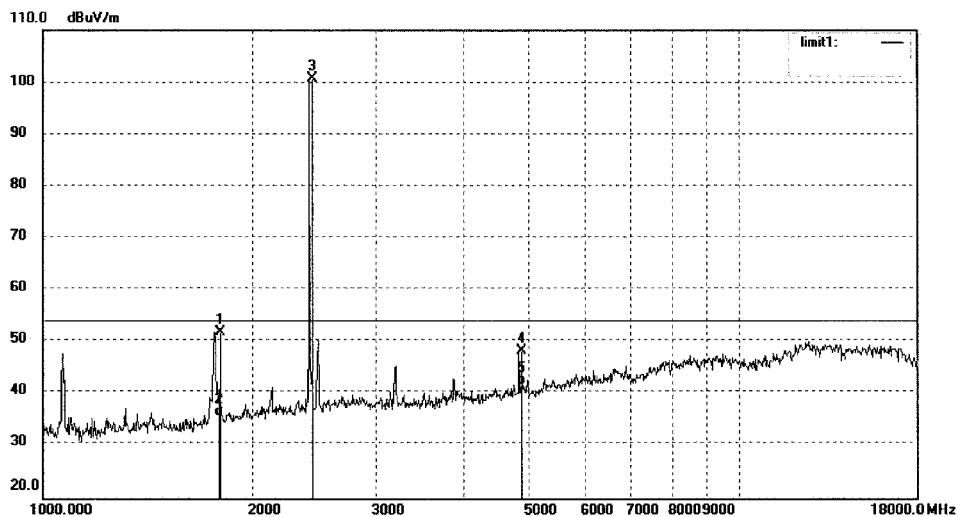

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1723	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2440MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1800.463	61.81	-10.04	51.77	74.00	-22.23	peak			
2	1800.463	45.58	-10.04	35.54	54.00	-18.46	AVG			
3	2440.000	107.93	-7.36	100.57	/	/	peak			
4	4880.024	48.03	0.13	48.16	74.00	-25.84	peak			
5	4880.024	41.64	0.13	41.77	54.00	-12.23	AVG			


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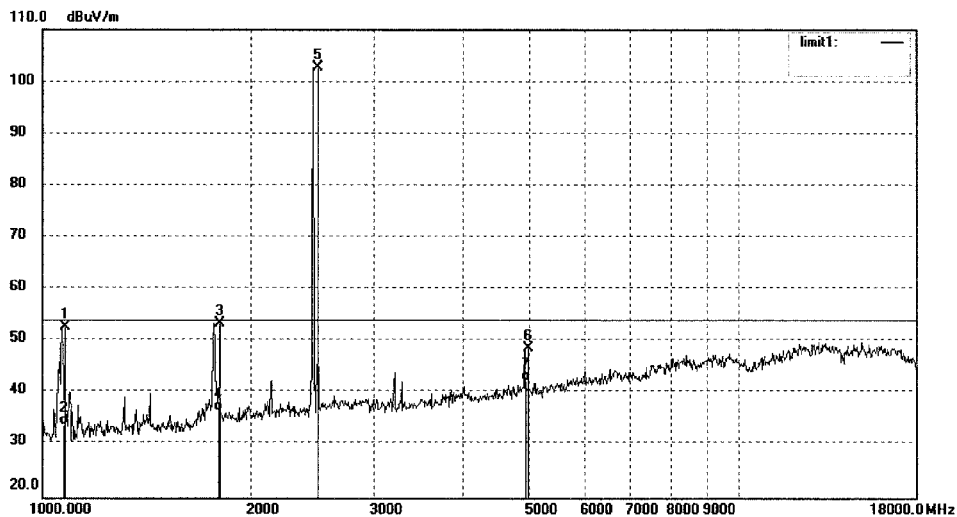
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1725	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1080.410	65.32	-12.64	52.68	74.00	-21.32	peak			
2	1080.410	46.58	-12.64	33.94	54.00	-20.06	AVG			
3	1800.387	63.42	-10.04	53.38	74.00	-20.62	peak			
4	1800.387	46.65	-10.04	36.61	54.00	-17.39	AVG			
5	2480.000	109.96	-7.37	102.59	/	/	peak			
6	4960.044	48.25	0.52	48.77	74.00	-25.23	peak			
7	4960.044	41.93	0.52	42.45	54.00	-11.55	AVG			


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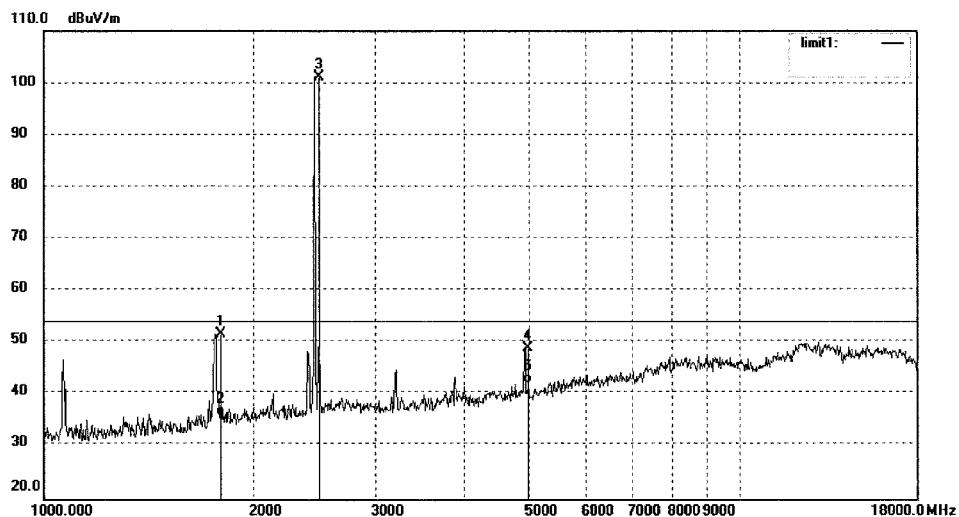
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1726	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1800.824	61.64	-10.04	51.60	74.00	-22.40	peak			
2	1800.824	45.88	-10.04	35.84	54.00	-18.16	AVG			
3	2480.000	108.48	-7.37	101.11	/	/	peak			
4	4960.037	48.36	0.52	48.88	74.00	7-25.12	peak			
5	4960.037	41.57	0.52	42.09	54.00	-11.91	AVG			

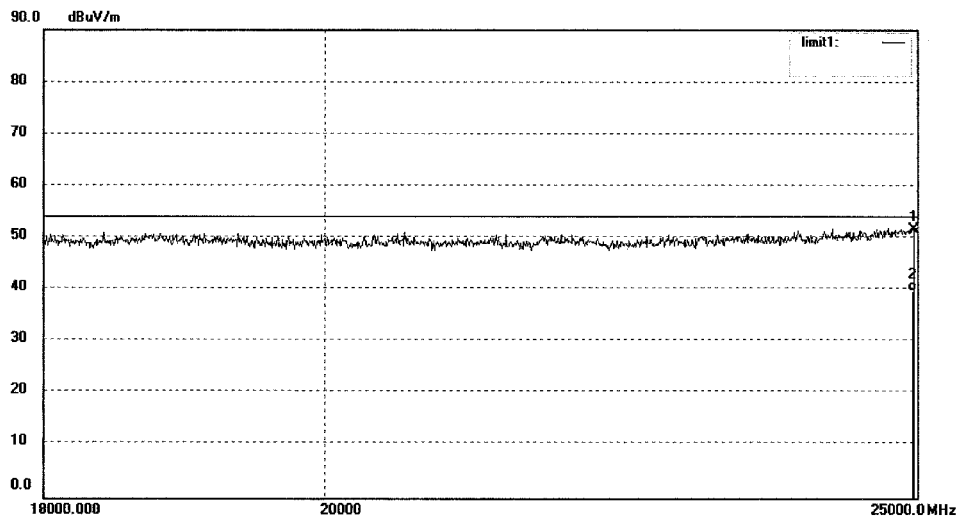

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1755	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	32.75	18.87	51.62	74.00	-22.38	peak			
2	24975.325	20.87	18.87	39.74	54.00	-14.26	AVG			


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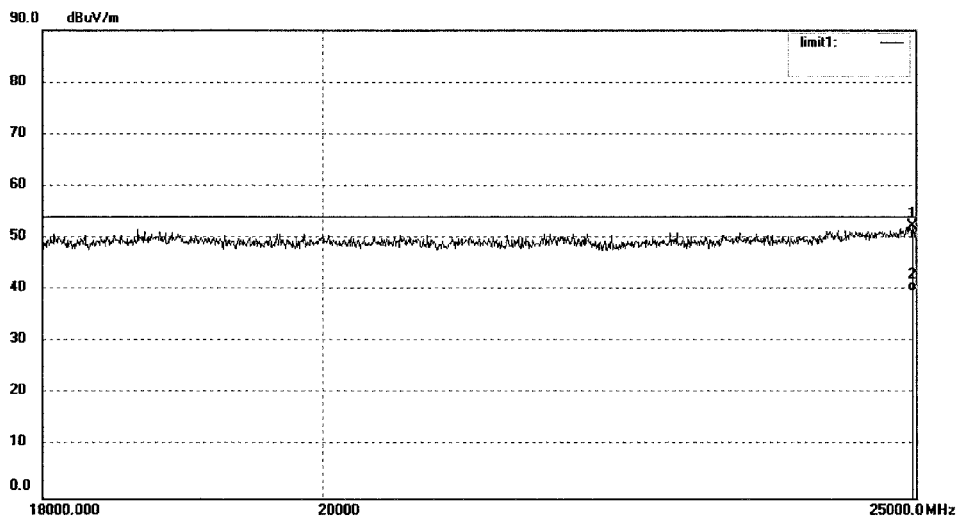
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1756	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.39	18.87	52.26	74.00	-21.74	peak			
2	24975.325	20.79	18.87	39.66	54.00	-14.34	AVG			

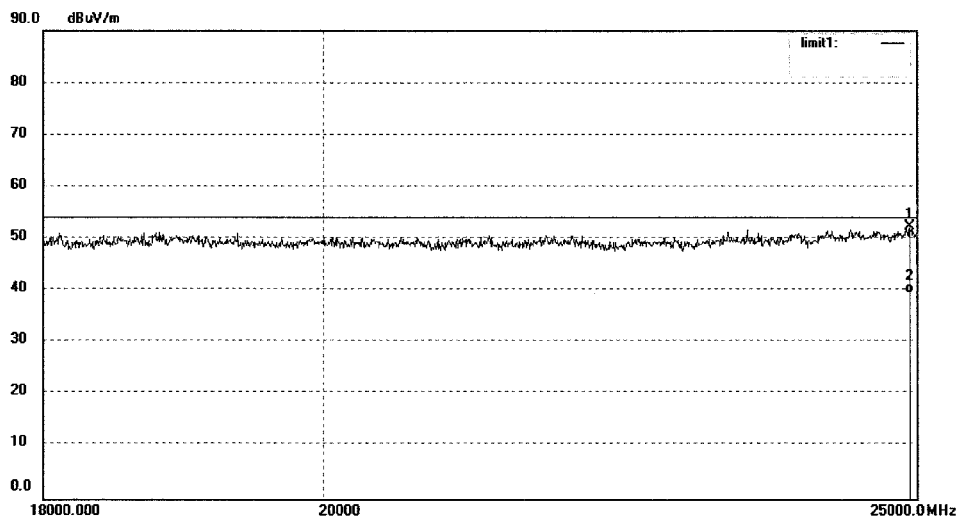

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1758	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2440MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24942.463	33.49	18.82	52.31	74.00	-21.69	peak			
2	24942.463	20.69	18.82	39.51	54.00	-14.49	AVG			


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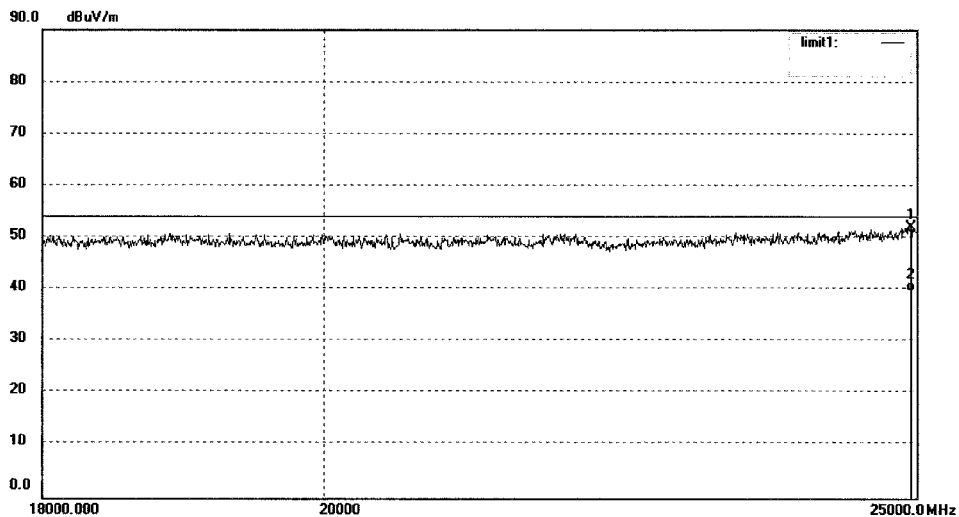
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1757	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2440MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24950.674	33.26	18.83	52.09	74.00	-21.91	peak			
2	24950.674	20.84	18.83	39.67	54.00	-14.33	AVG			

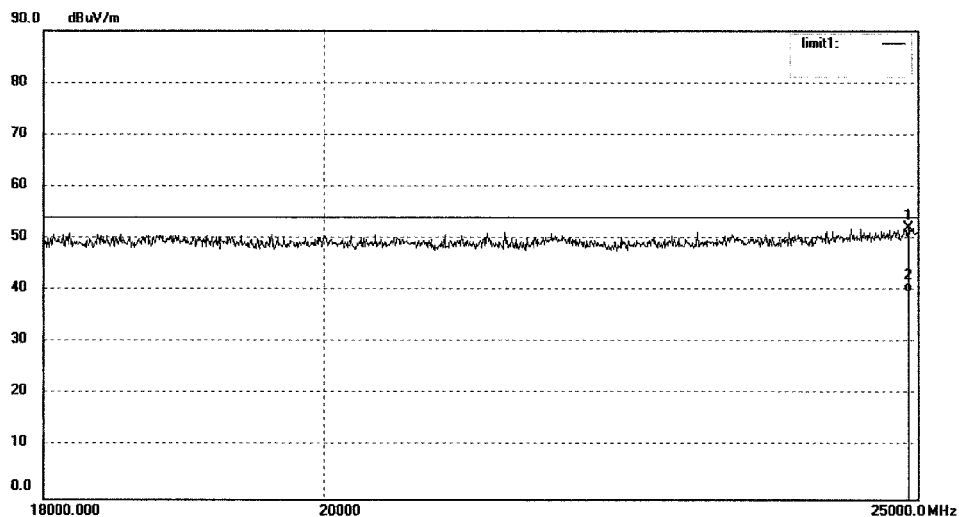

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1759	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24917.845	33.35	18.78	52.13	74.00	-21.87	peak			
2	24917.845	20.83	18.78	39.61	54.00	-14.39	AVG			

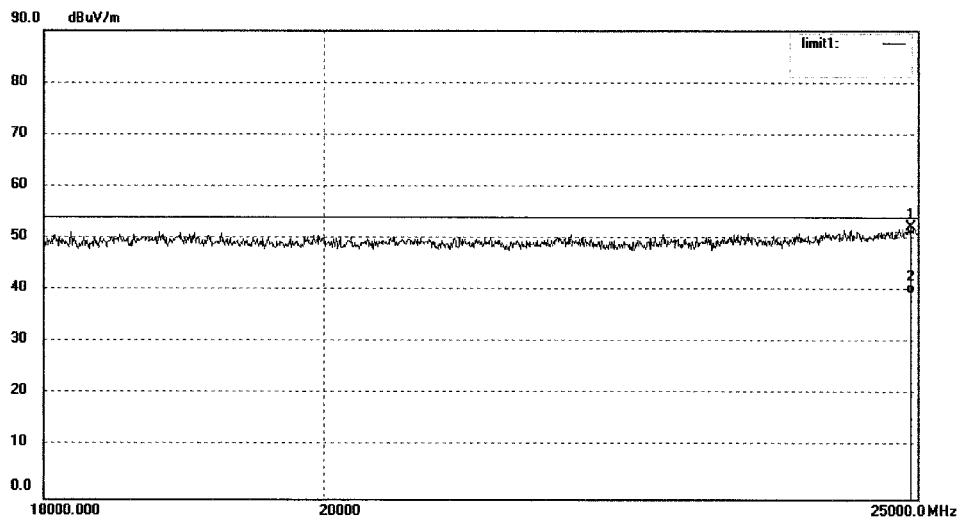

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1760	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24942.463	33.48	18.82	52.30	74.00	-21.70	peak			
2	24942.463	20.75	18.82	39.57	54.00	-14.43	AVG			

Test Plot of Frequency Band Edge of Bluetooth LE mode


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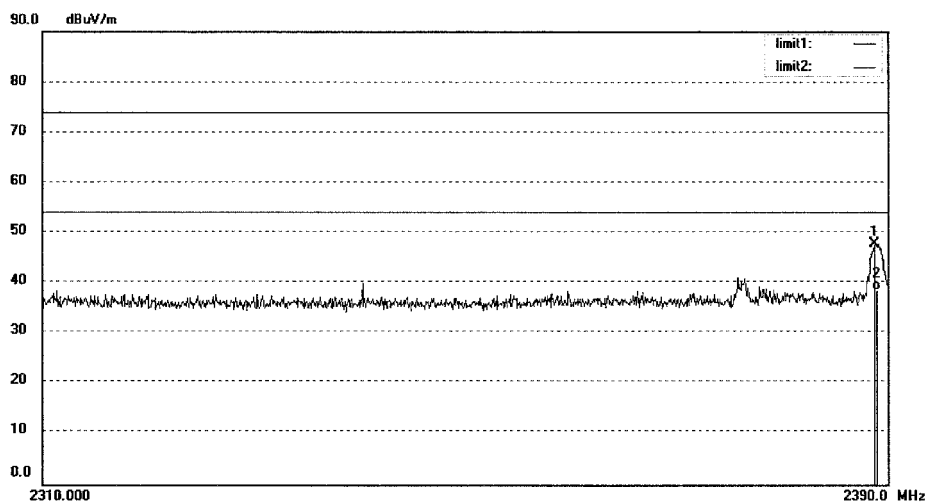
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1721	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	
Note: Bluetooth 4.0	



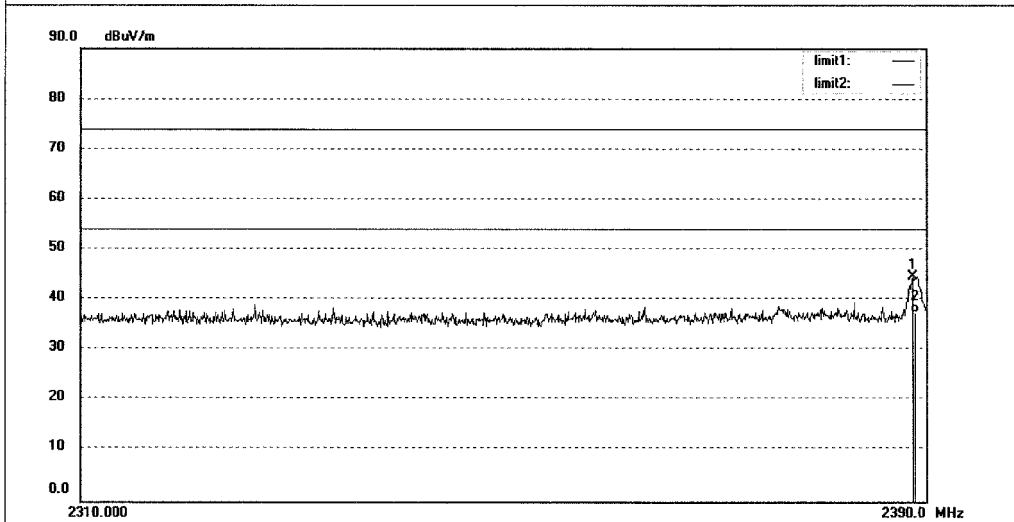
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2388.715	55.40	-7.54	47.86	74.00	-26.14	peak			
2	2388.715	46.04	-7.54	38.50	54.00	-15.50	AVG			


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

Job No.: PHY #1722	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2402MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: Bluetooth 4.0



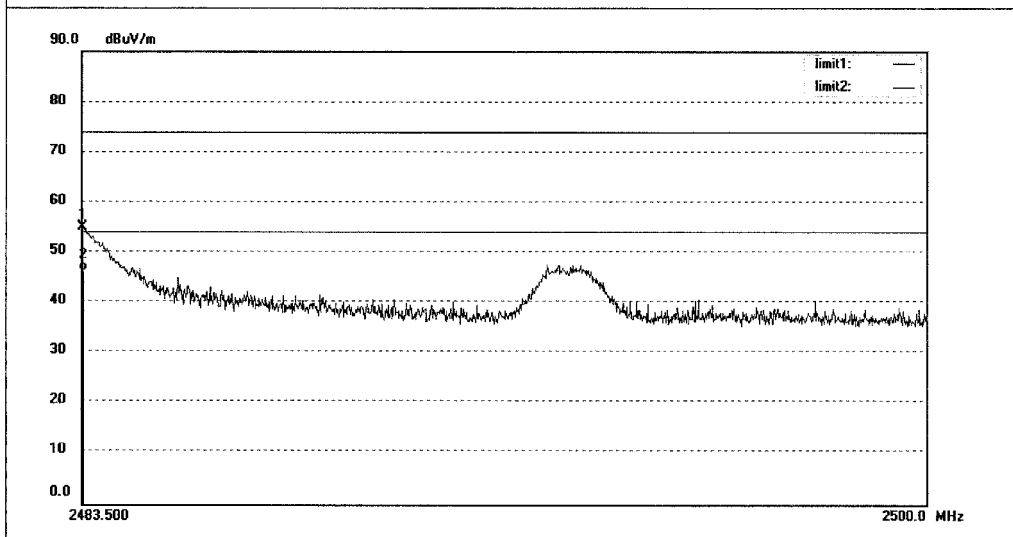
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2388.791	52.13	-7.53	44.60	74.00	-29.40	peak			
2	2388.791	45.03	-7.53	37.50	54.00	-16.50	AVG			


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

Job No.: PHY #1728	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: Bluetooth 4.0



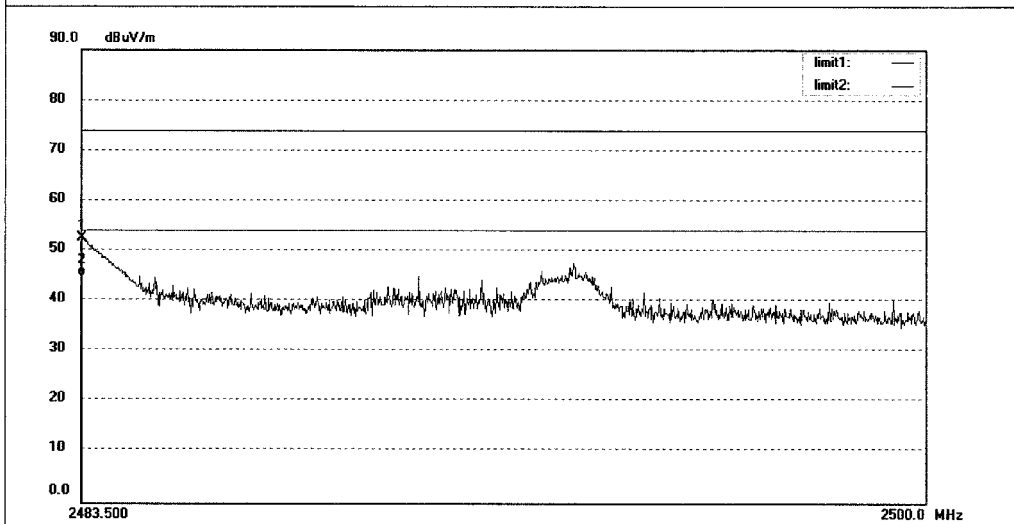
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	62.38	-7.37	55.01	74.00	-18.99	peak			
2	2483.500	53.57	-7.37	46.20	54.00	-7.80	AVG			


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

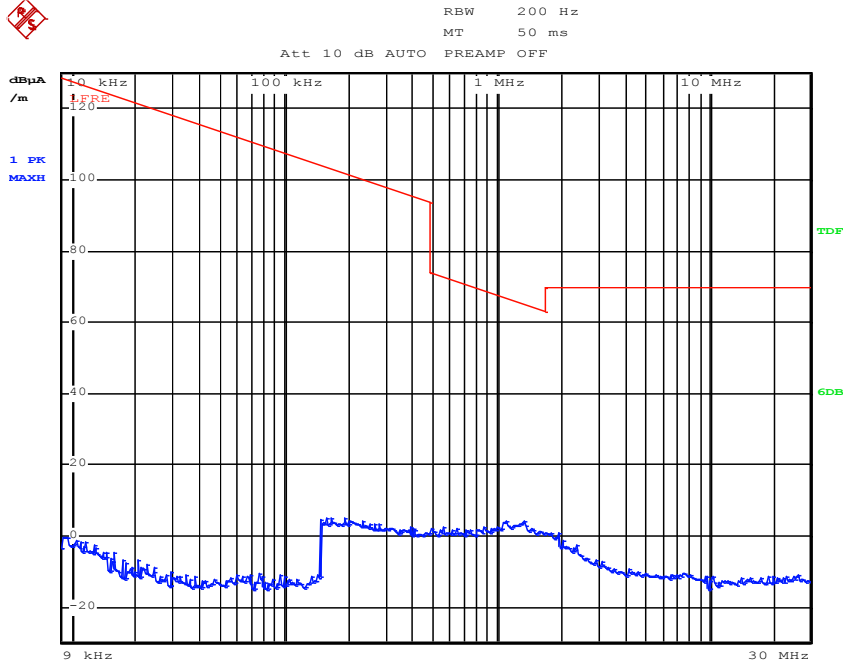
Job No.: PHY #1727	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2480MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: Bluetooth 4.0



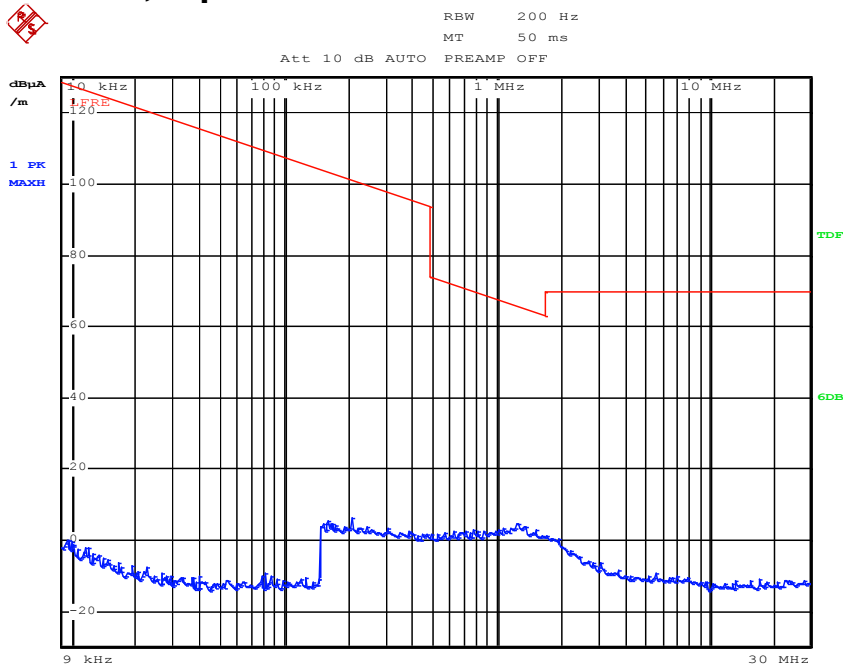
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	59.96	-7.37	52.59	74.00	-21.41	peak			
2	2483.500	52.17	-7.37	44.80	54.00	-9.20	AVG			

Test Plot of Spurious Emission of transmitting of 802.11b mode Low channel, X polarization:

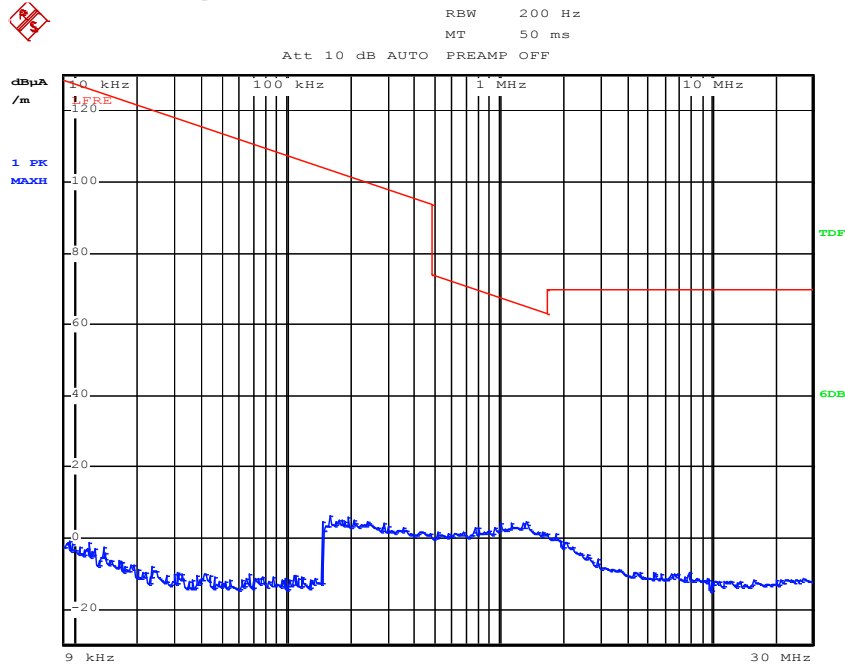


Date: 24.MAY.2014 14:15:32

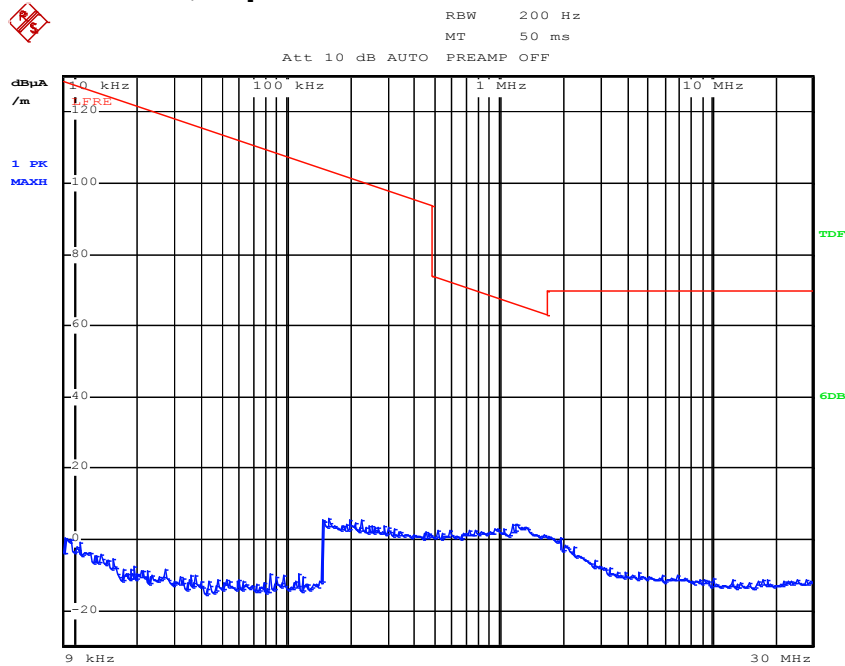
Low channel, Y polarization:



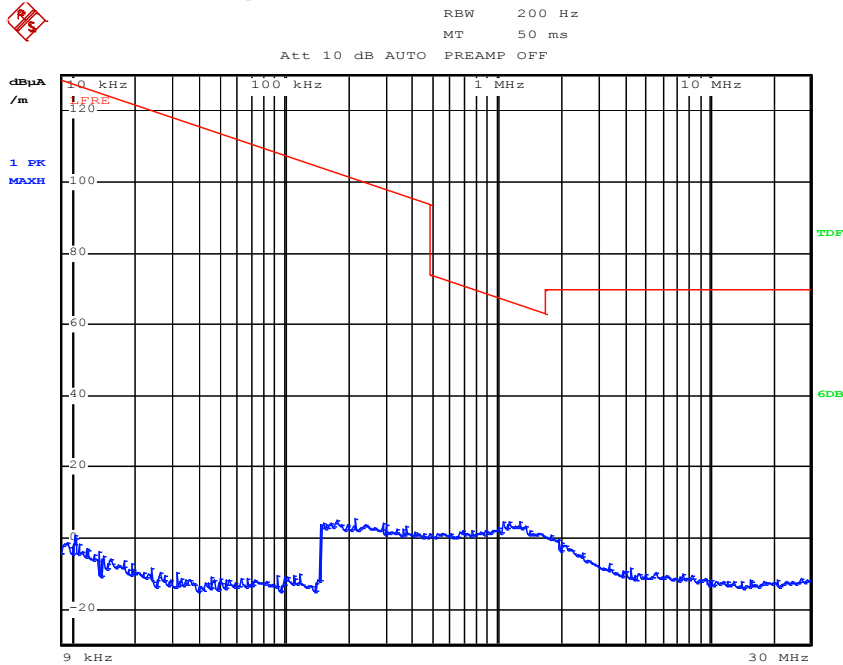
Date: 24.MAY.2014 14:18:28

Low channel, Z polarization:


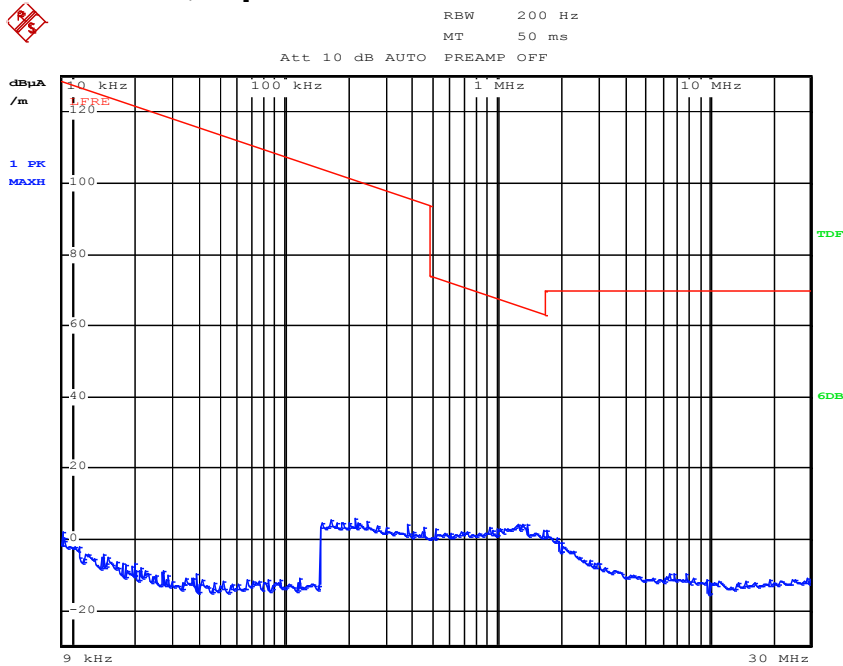
Date: 24.MAY.2014 14:20:29

Middle channel, X polarization:


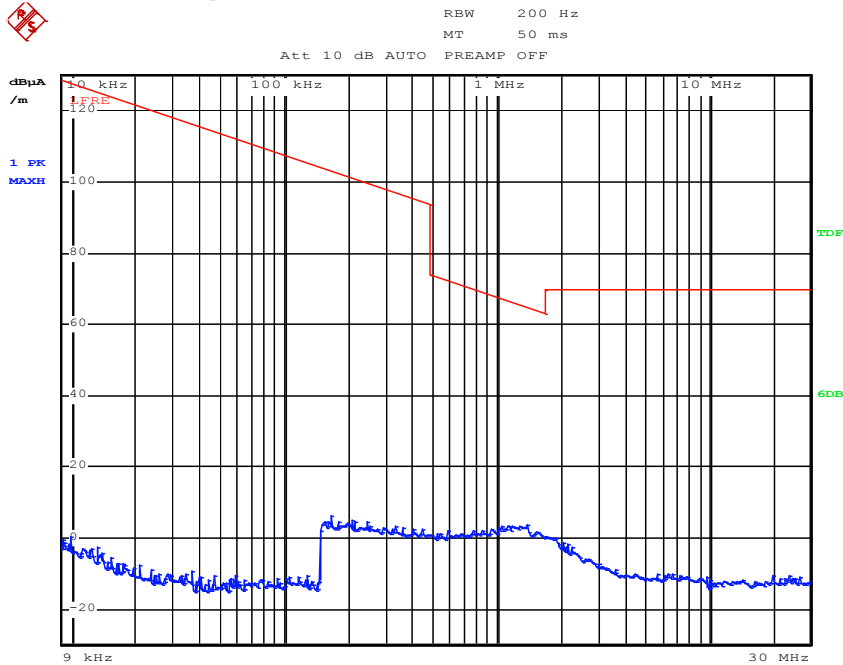
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Middle channel, Y polarization:


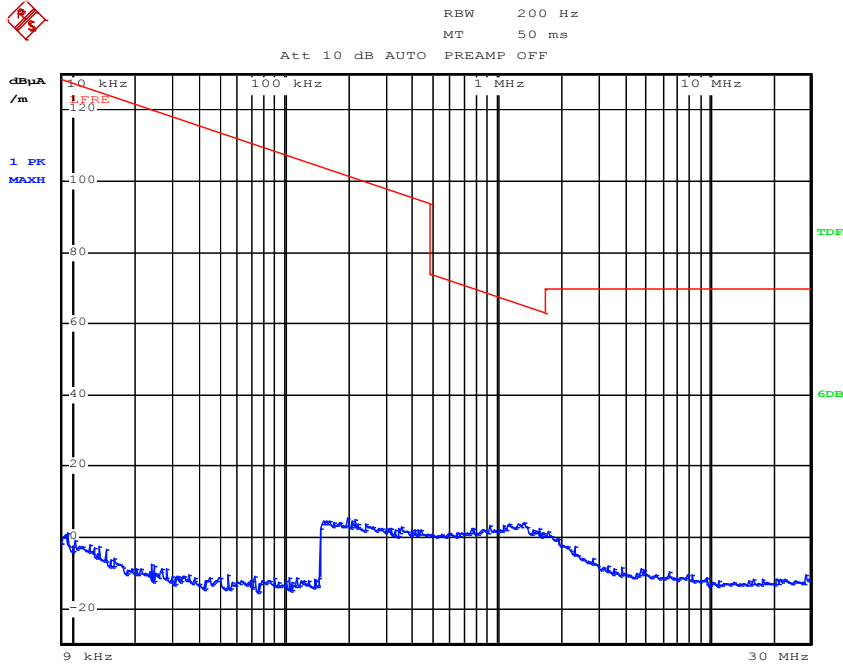
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Middle channel, Z polarization:


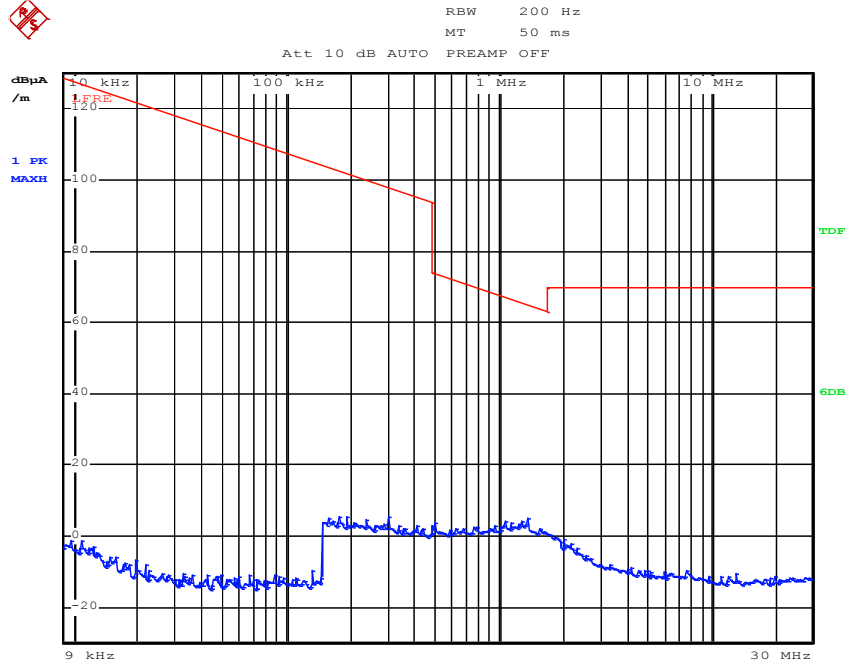
Date: 24.MAY.2014 14:26:30

High channel, X polarization:


Date: 24.MAY.2014 14:53:46

High channel, Y polarization:


Date: 24.MAY.2014 14:56:30

High channel, Z polarization:


Date: 24.MAY.2014 14:58:37

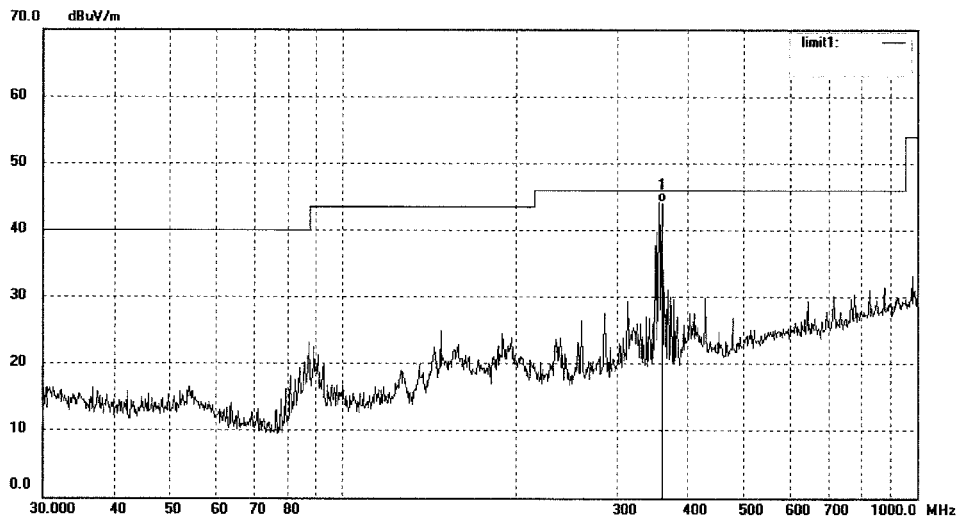

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1679	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0358	51.82	-7.61	44.21	46.00	-1.79	QP			

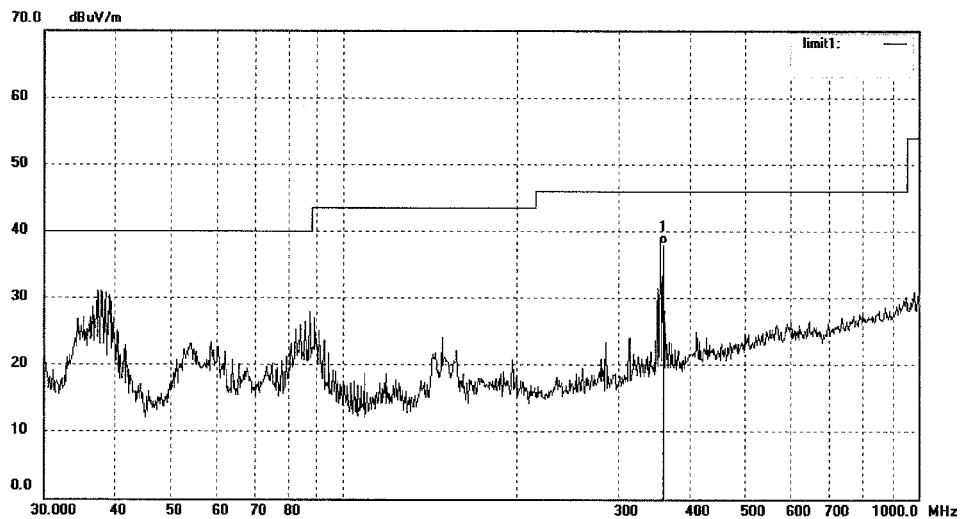

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PHY #1680	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0319	45.64	-7.61	38.03	46.00	-7.97	QP			

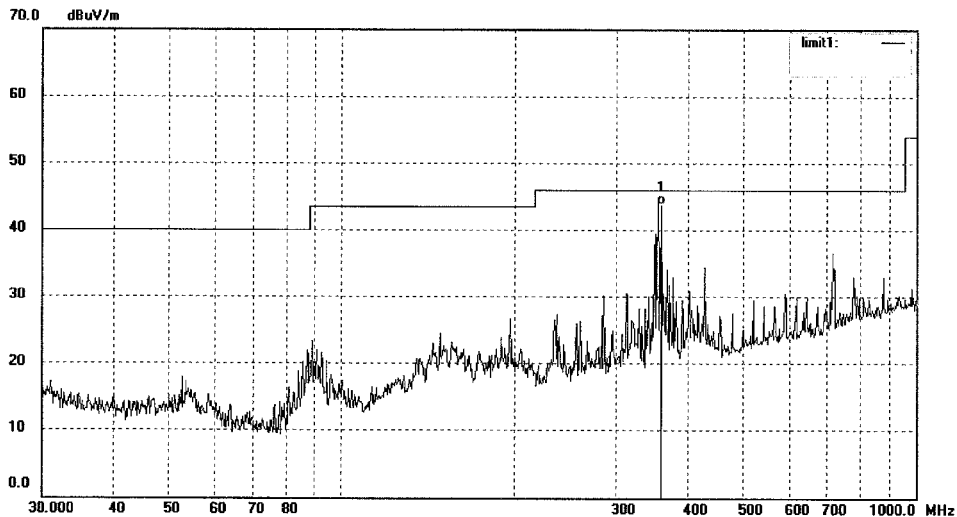

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1682	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0285	51.48	-7.61	43.87	46.00	-2.13	QP			


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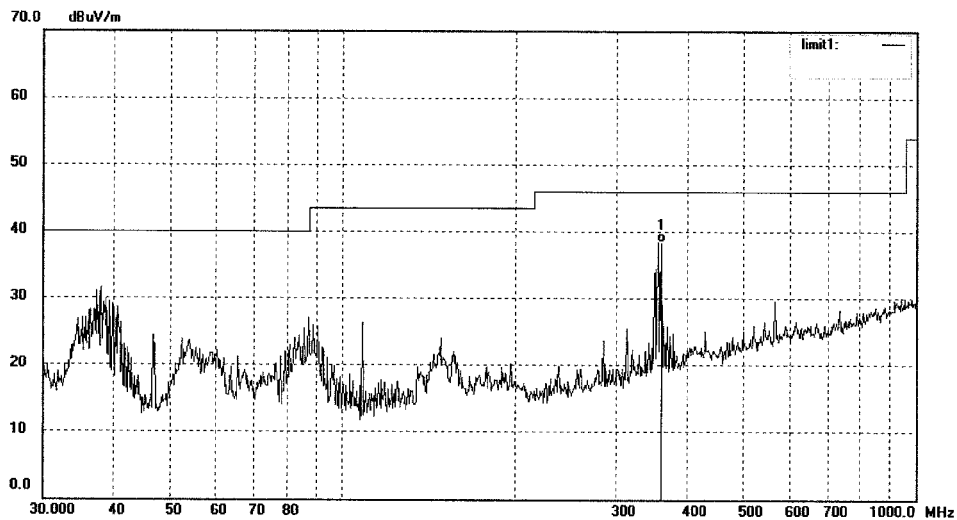
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1681	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0330	45.94	-7.61	38.33	46.00	-7.67	QP			

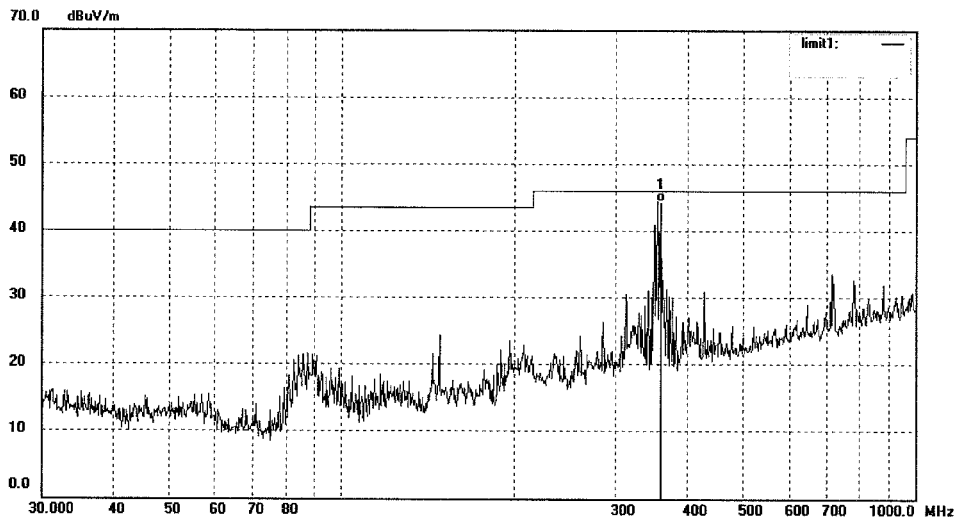

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1683	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11b



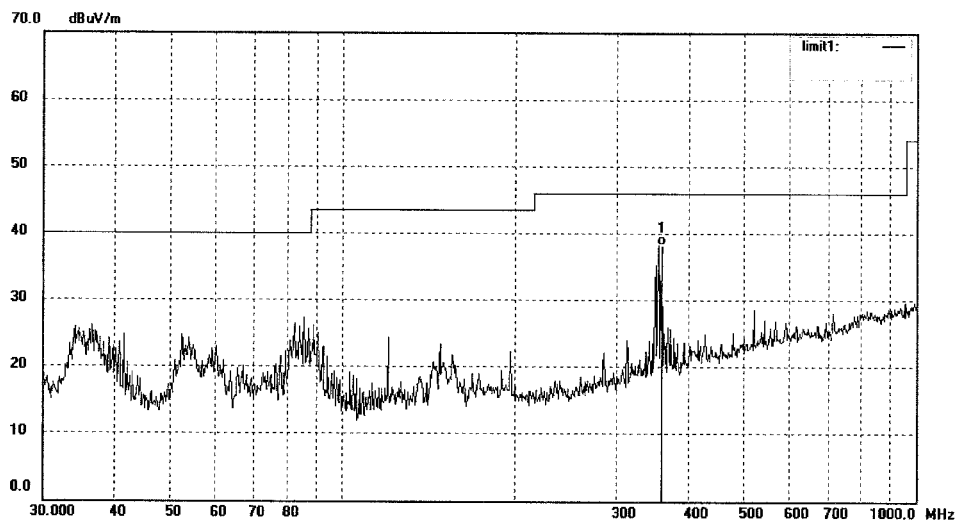
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	360.0350	51.99	-7.61	44.38	46.00	-1.62	QP			


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

Job No.: PHY #1684	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0250	45.93	-7.61	38.32	46.00	-7.68	QP			

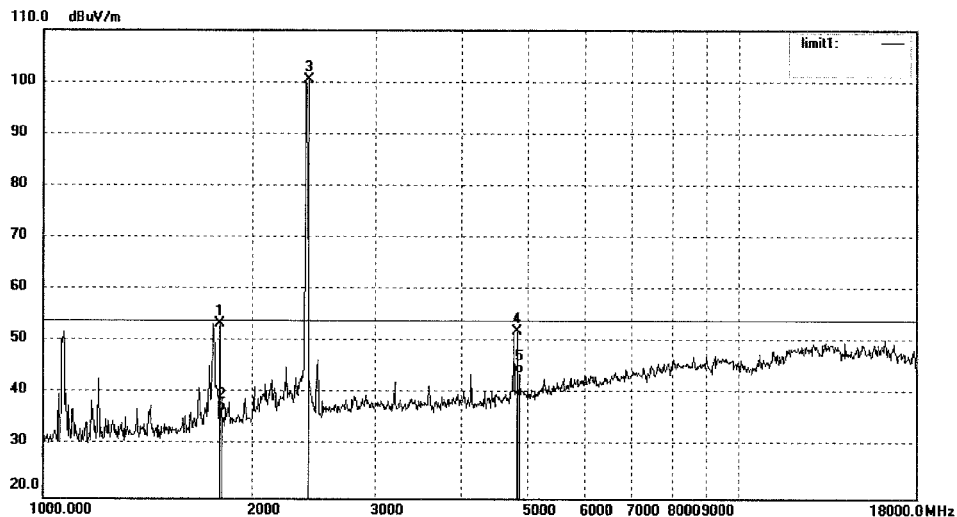

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1829	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1799.999	63.36	-10.04	53.32	74.00	-20.68	peak			
2	1799.999	46.48	-10.04	36.44	54.00	-17.56	AVG			
3	2412.000	107.76	-7.43	100.33	/	/	peak			
4	4824.227	52.34	-0.19	52.15	74.00	-21.85	peak			
5	4824.227	44.23	-0.19	44.04	54.00	-9.96	AVG			


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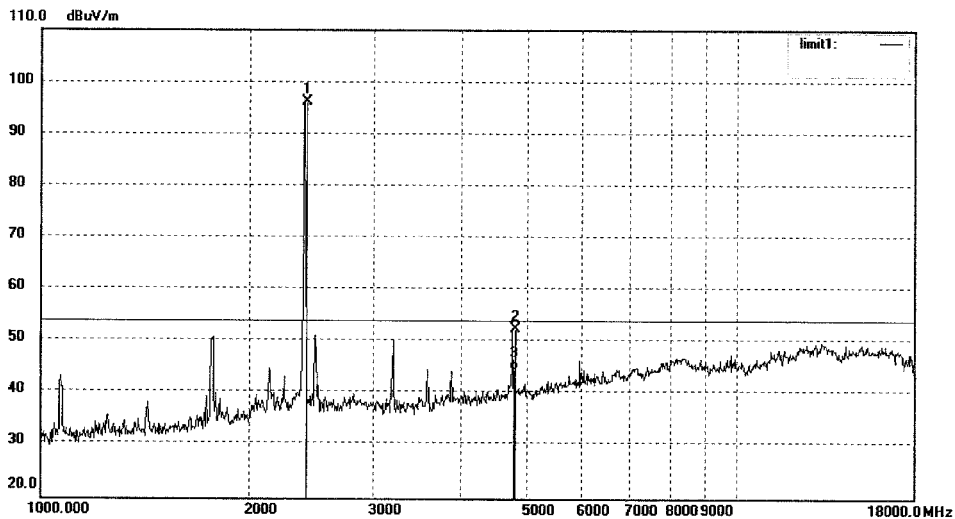
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1828	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	103.68	-7.43	96.25	/	/	peak			
2	4824.128	52.69	-0.19	52.50	74.00	-21.50	peak			
3	4824.128	44.76	-0.19	44.57	54.00	-9.43	AVG			

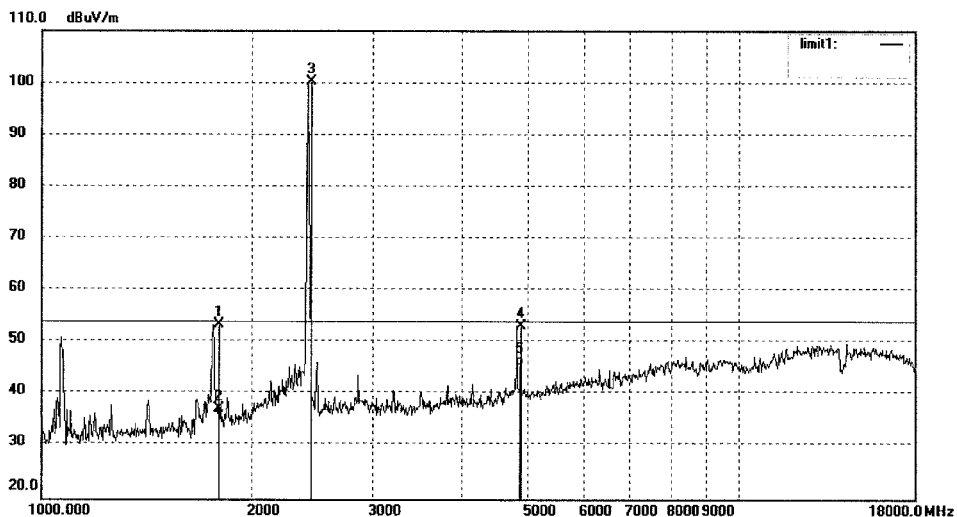

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PHY #1830	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1800.368	63.40	-10.04	53.36	74.00	-20.64	peak			
2	1800.368	47.23	-10.04	37.19	54.00	-16.81	peak			
3	2437.000	107.63	-7.36	100.27	/	/	peak			
4	4874.306	53.03	0.09	53.12	74.00	-20.88	peak			
5	4874.306	45.37	0.09	45.46	54.00	-8.54	AVG			

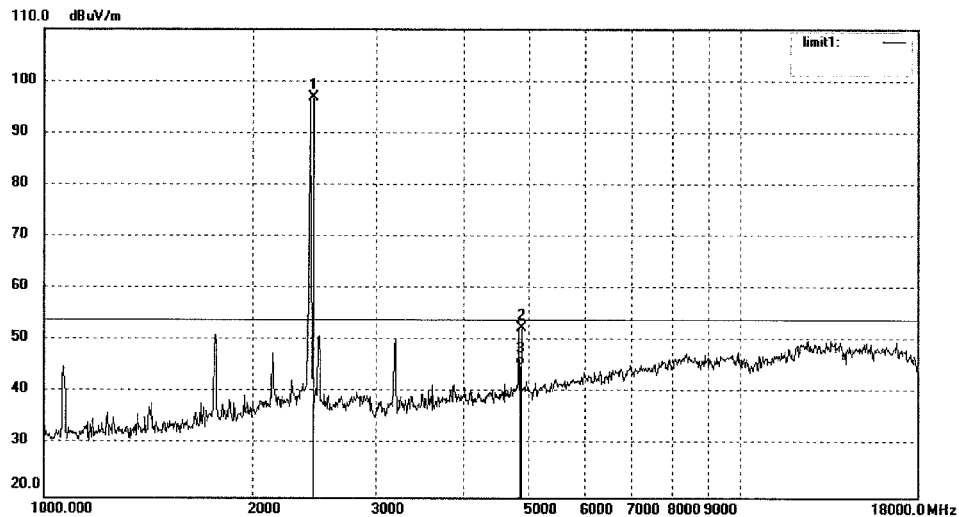

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1831	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2437.000	104.09	-7.36	96.73	/	/	peak			
2	4874.335	52.49	0.09	52.58	74.00	-21.42	peak			
3	4874.335	45.15	0.09	45.24	54.00	-8.76	AVG			


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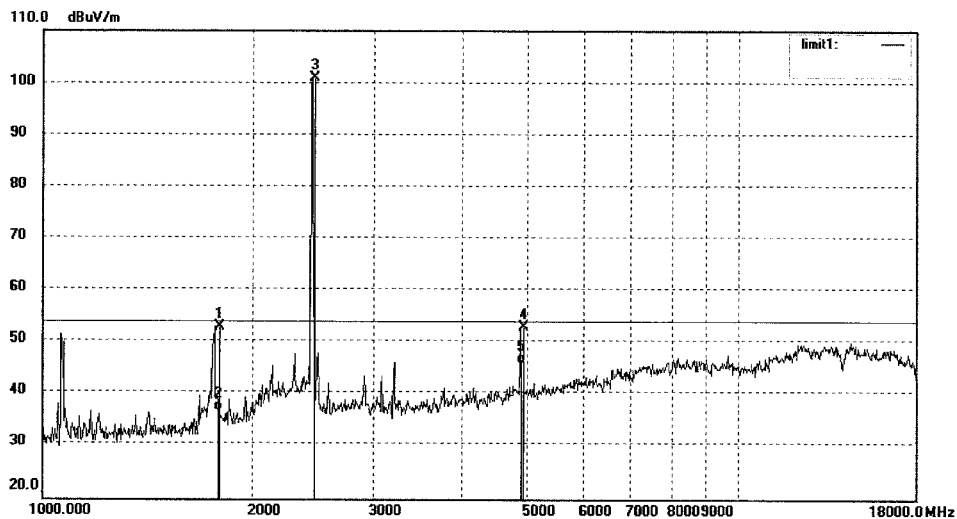
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1832	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11b



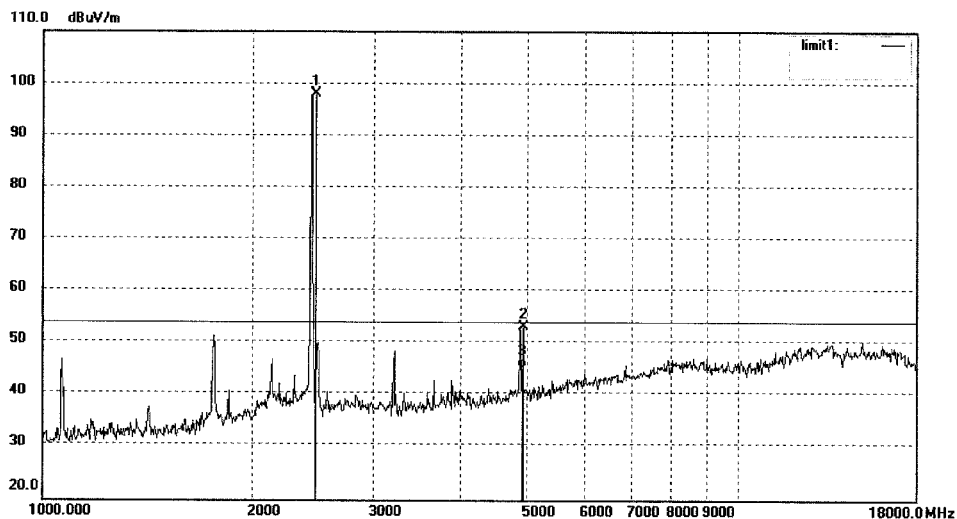
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1799.985	63.10	-10.04	53.06	74.00	-20.94	peak			
2	1799.985	46.80	-10.04	36.76	54.00	-17.24	AVG			
3	2462.000	108.27	-7.35	100.92	/	/	peak			
4	4924.031	52.54	0.34	52.88	74.00	-21.12	peak			
5	4924.031	45.58	0.34	45.92	54.00	-8.08	AVG			


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

Job No.: PHY #1833	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	105.41	-7.35	98.06	/	/	peak			
2	4924.216	52.74	0.34	53.08	74.00	-20.92	peak			
3	4924.216	45.07	0.34	45.41	54.00	-8.59	AVG			

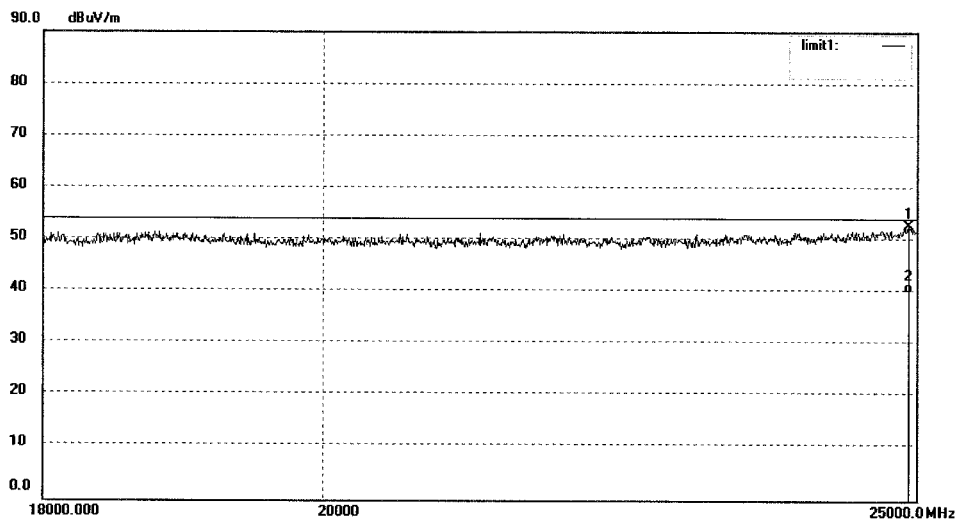

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 Site: 2# Chamber
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Job No.: PHY #1767	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24926.048	33.91	18.80	52.71	74.00	-21.29	peak			
2	24926.048	21.15	18.80	39.95	54.00	-14.05	AVG			

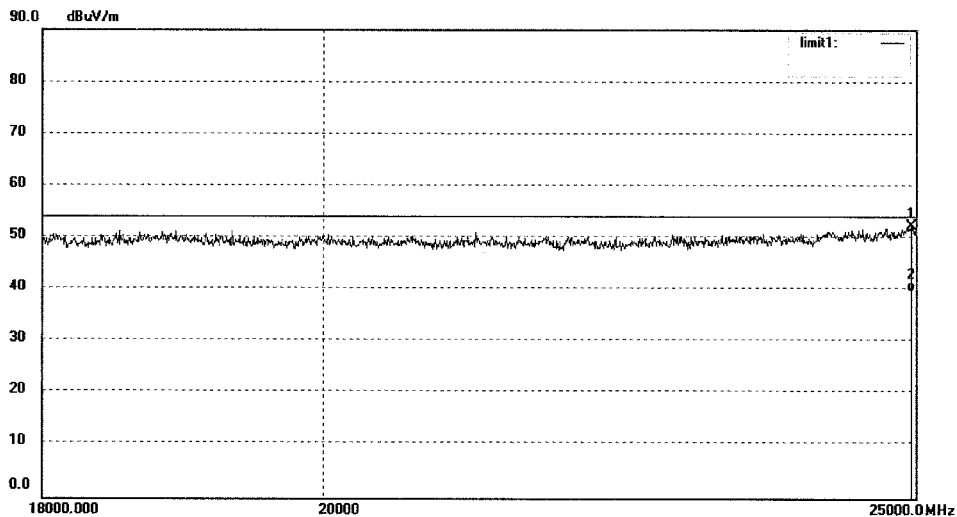

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 Site: 2# Chamber
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Job No.: PHY #1768	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11b



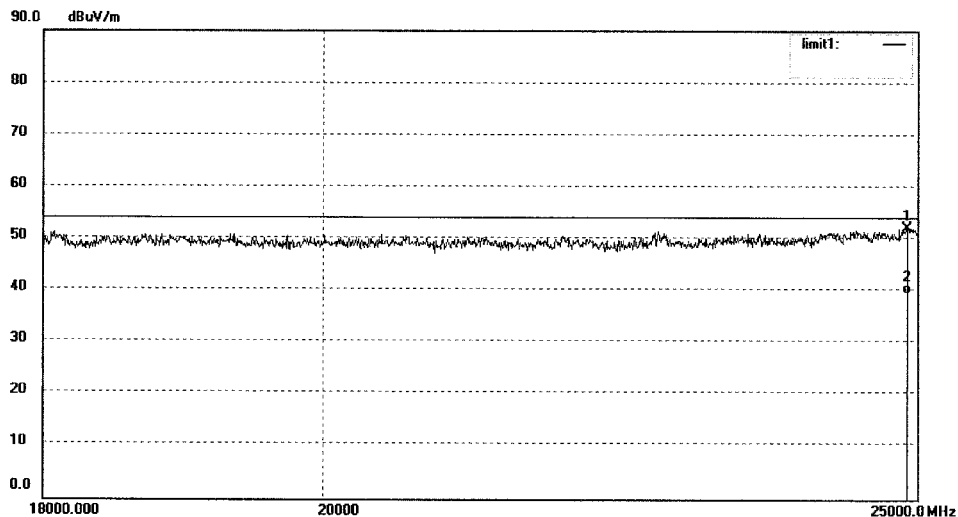
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24958.889	33.49	18.84	52.33	74.00	-21.67	peak			
2	24958.889	20.85	18.84	39.69	54.00	-14.31	AVG			


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Job No.: PHY #1770	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11b



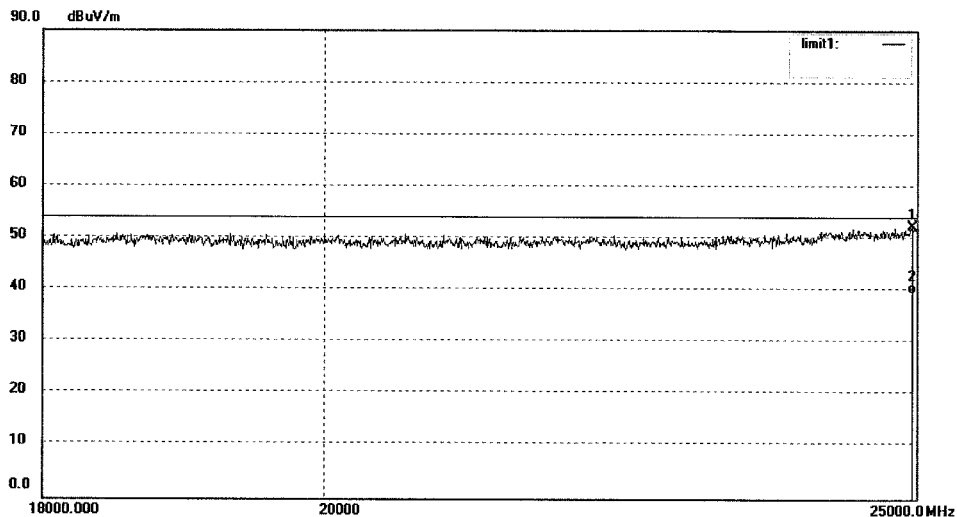
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	24909.644	33.34	18.77	52.11	74.00	-21.89	peak			
2	24909.644	20.77	18.77	39.54	54.00	-14.46	AVG			


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Job No.: PHY #1769	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.40	18.84	52.24	74.00	-21.76	peak			
2	24958.889	20.64	18.84	39.48	54.00	-14.52	AVG			

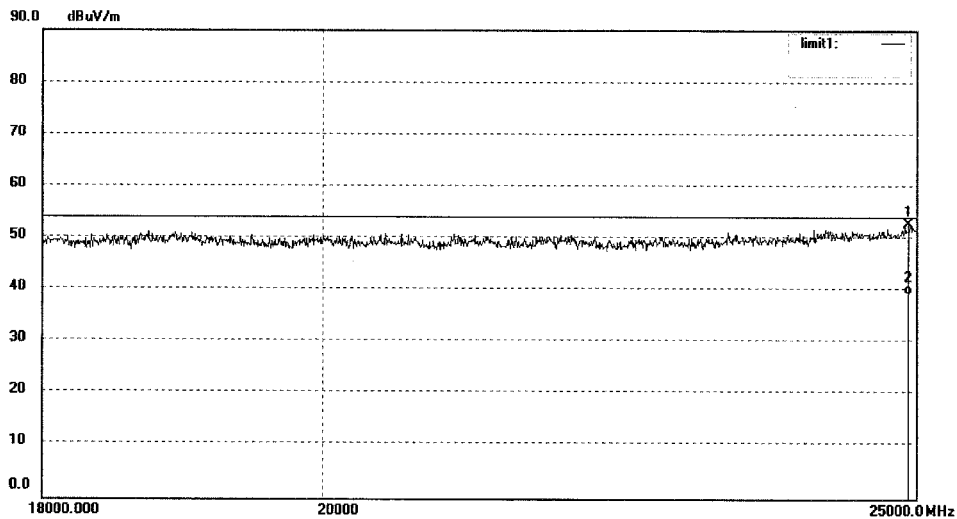

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 Site: 2# Chamber
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Job No.: PHY #1771	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.89	18.81	52.70	74.00	-21.30	peak			
2	24934.254	20.49	18.81	39.30	54.00	-14.70	AVG			

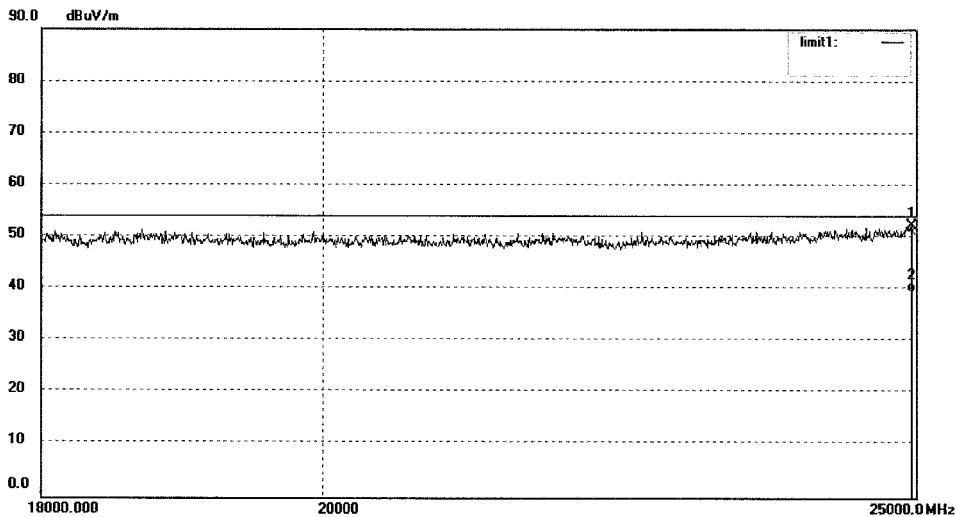

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 Site: 2# Chamber
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Job No.: PHY #1772	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24967.105	33.38	18.85	52.23	74.00	-21.77	peak			
2	24967.105	20.70	18.85	39.55	54.00	-14.45	AVG			

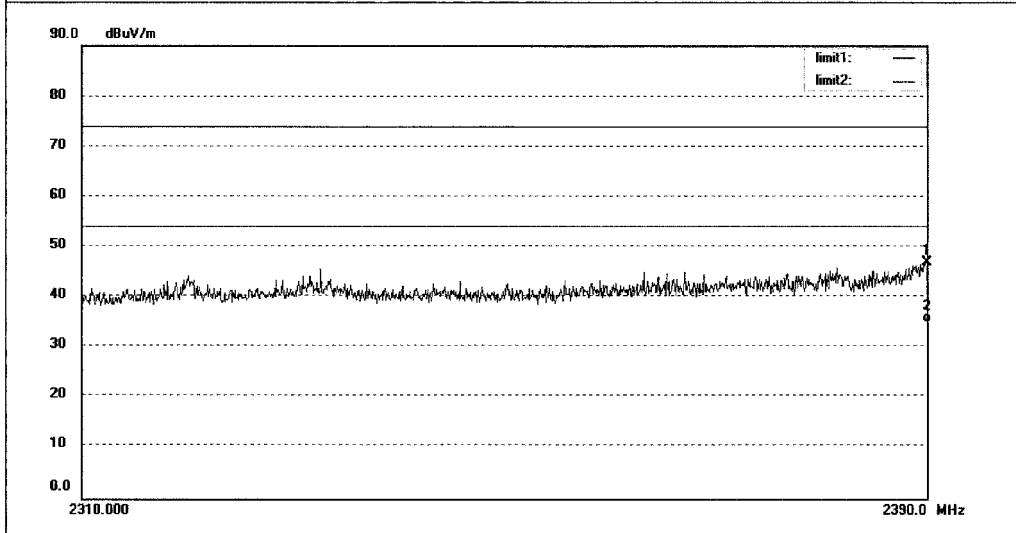
Test Plot of Frequency Band Edge of 802.11b mode


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Job No.: PHY #1810	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11b



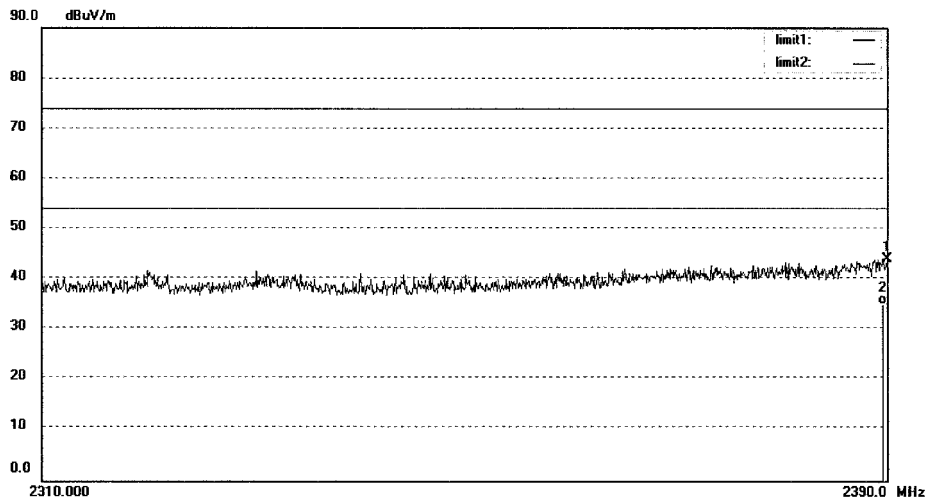
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	54.46	-7.53	46.93	74.00	-27.07	peak			
2	2390.000	42.63	-7.53	35.10	54.00	-18.90	AVG			


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Job No.: PHY #1811	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2390.000	51.60	-7.53	44.07	74.00	-29.93	peak			
2	2390.000	42.63	-7.53	35.10	54.00	-18.90	AVG			


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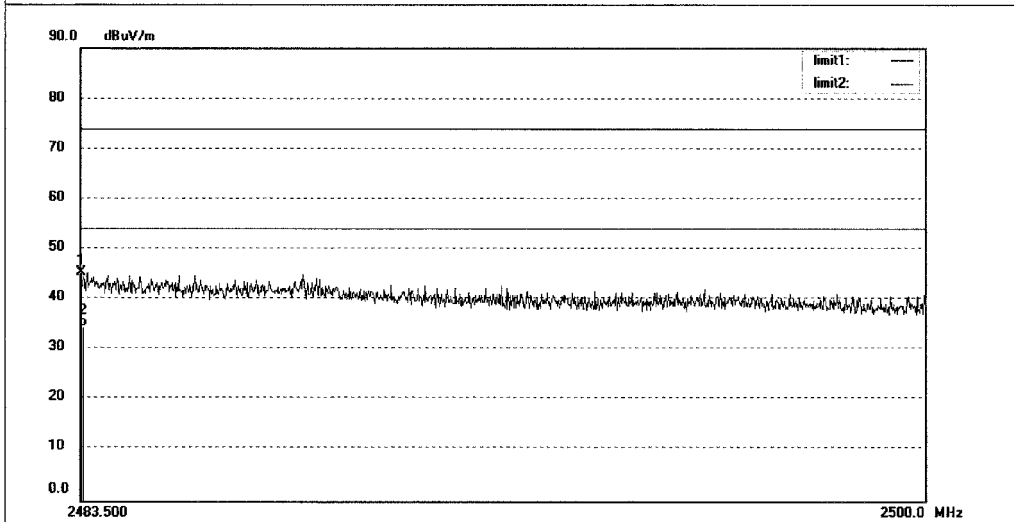
Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: PHY #1813	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11b



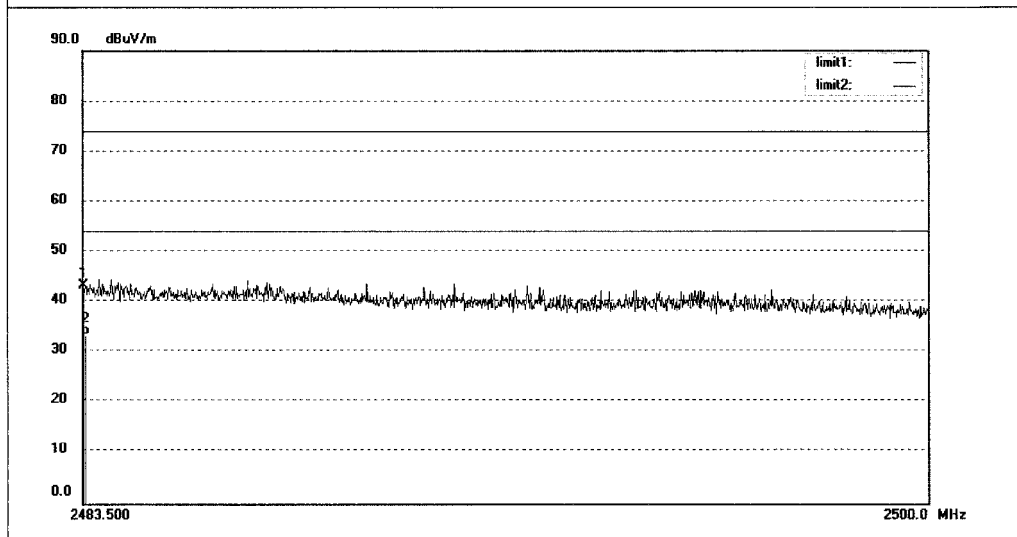
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	52.71	-7.37	45.34	74.00	-28.66	peak			
2	2483.500	41.87	-7.37	34.50	54.00	-19.50	AVG			


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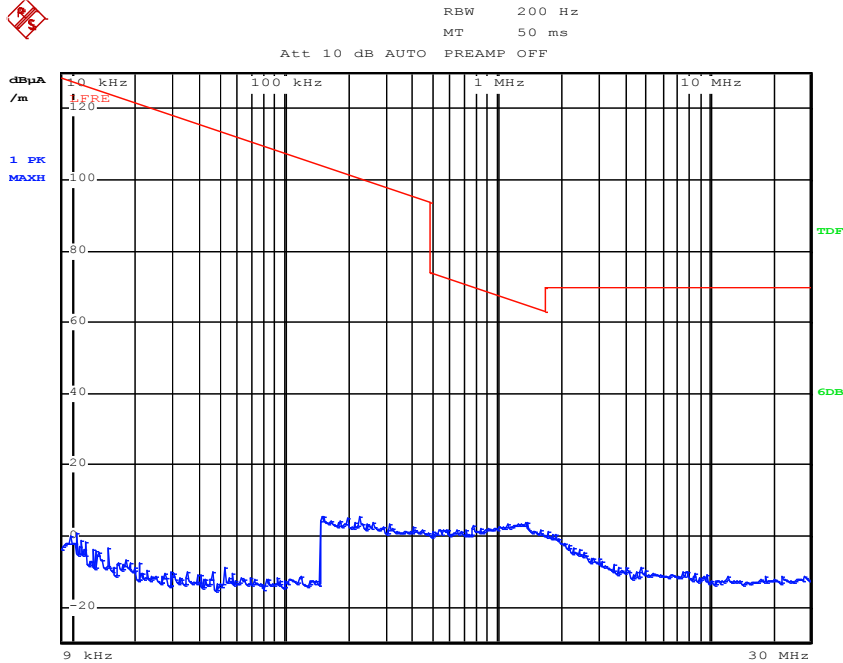
Job No.: PHY #1812	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11b



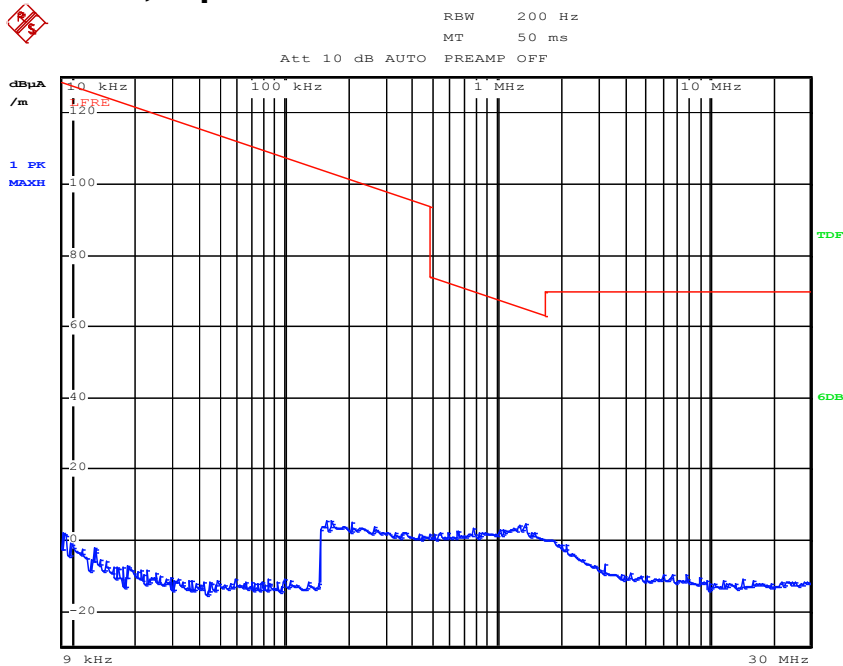
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	50.61	-7.37	43.24	74.00	-30.76	peak			
2	2483.500	40.77	-7.37	33.40	54.00	-20.60	AVG			

Test Plot of Spurious Emission of transmitting of 802.11g mode Low channel, X polarization:

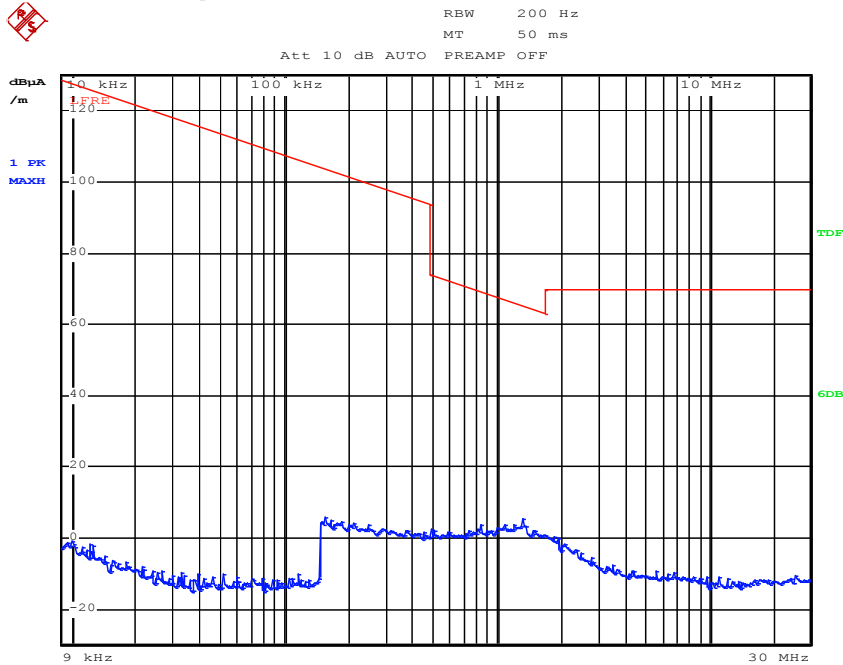


Date: 24.MAY.2014 15:00:36

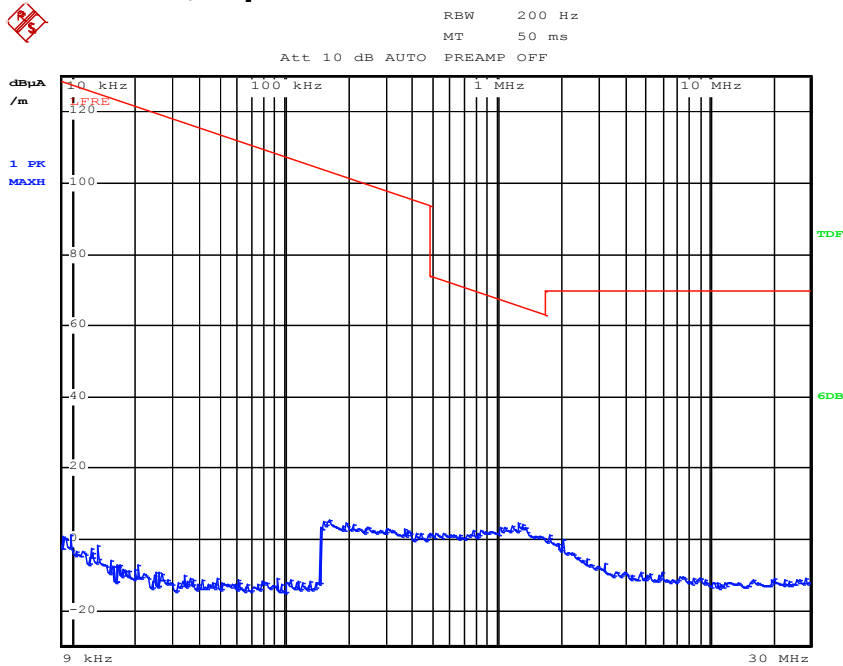
Low channel, Y polarization:



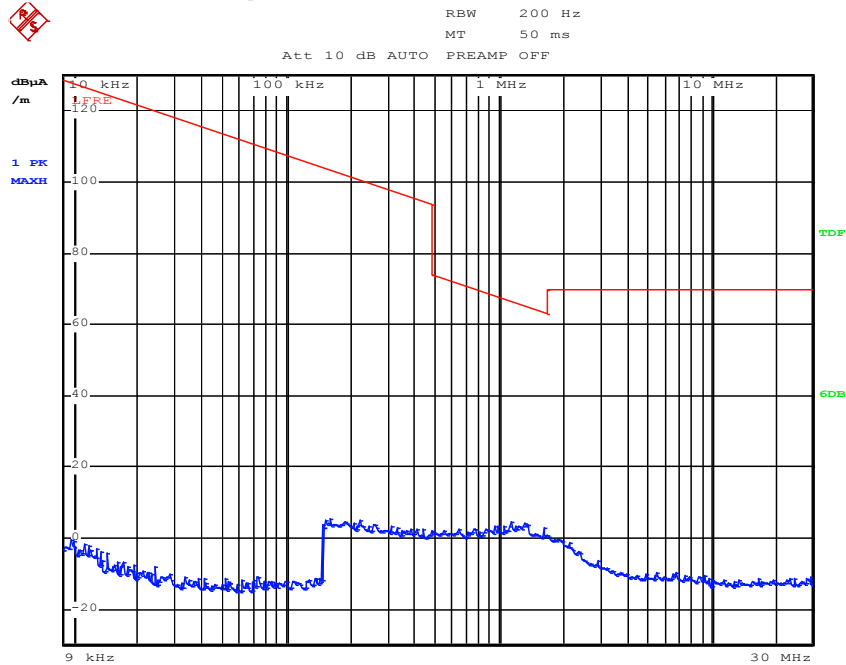
Date: 24.MAY.2014 15:02:33

Low channel, Z polarization:


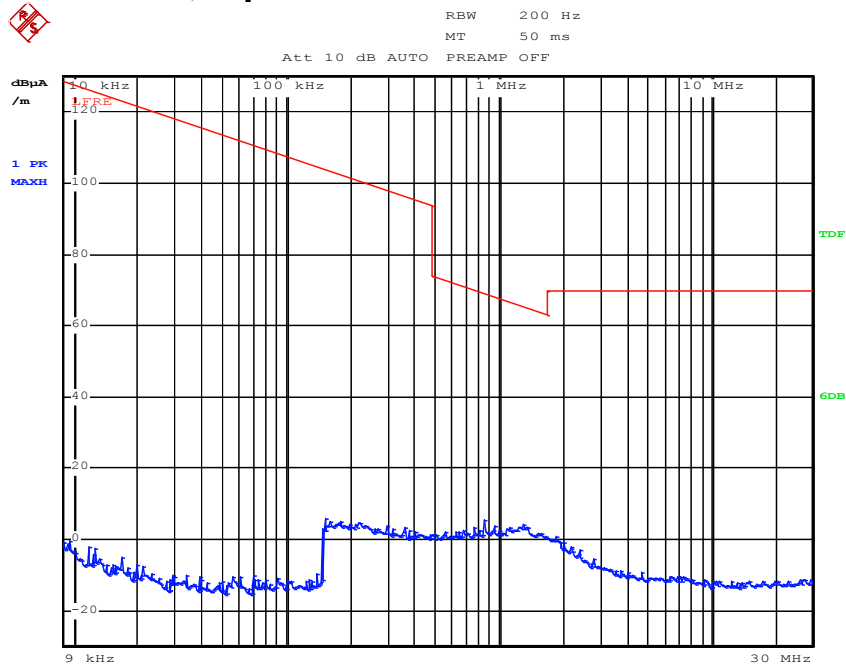
Date: 24.MAY.2014 15:04:34

Middle channel, X polarization:


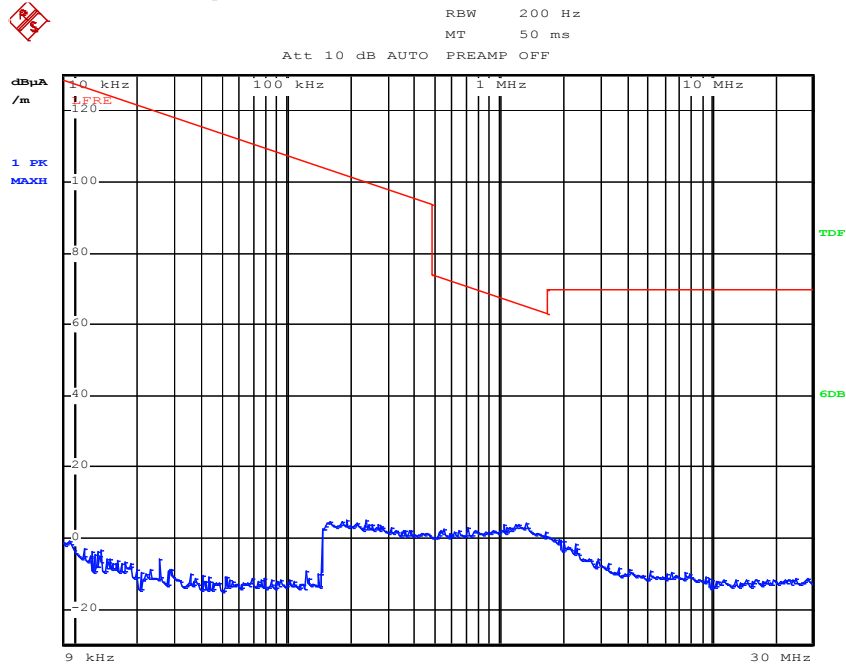
Date: 24.MAY.2014 15:06:34

Middle channel, Y polarization:


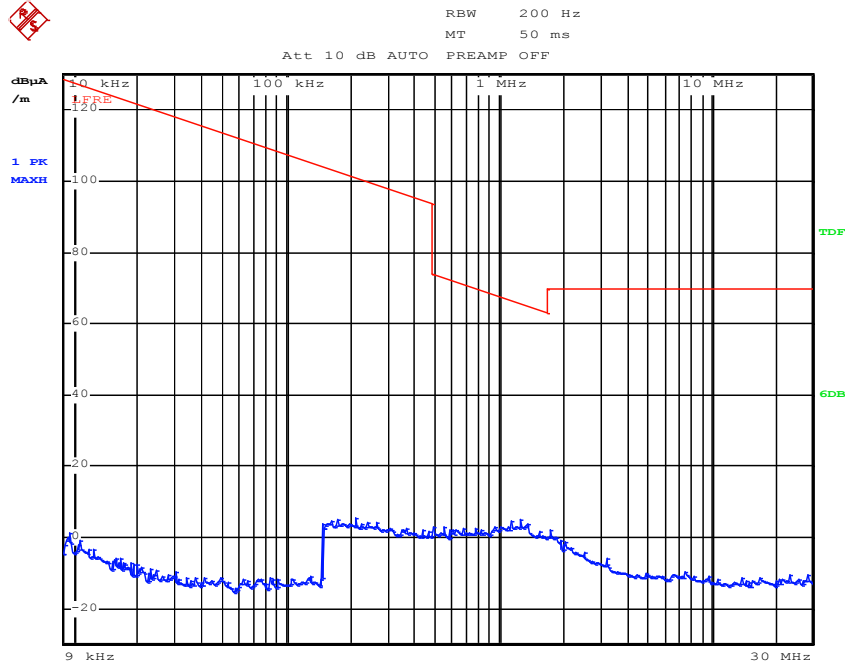
Date: 24.MAY.2014 15:08:31

Middle channel, Z polarization:


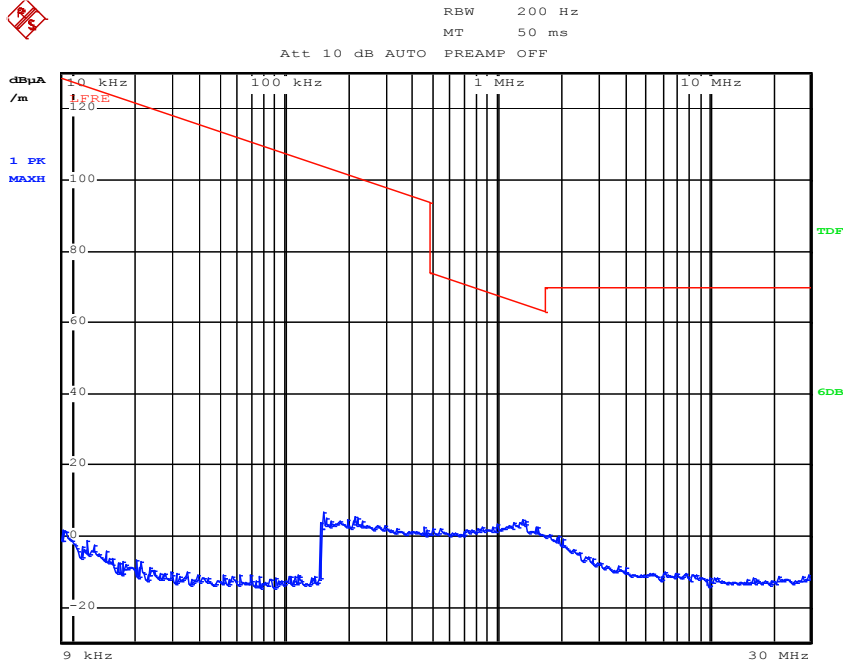
Date: 24.MAY.2014 15:10:24

High channel, X polarization:


Date: 24.MAY.2014 15:12:20

High channel, Y polarization:


Date: 24.MAY.2014 15:14:18

High channel, Z polarization:


Date: 24.MAY.2014 15:16:28

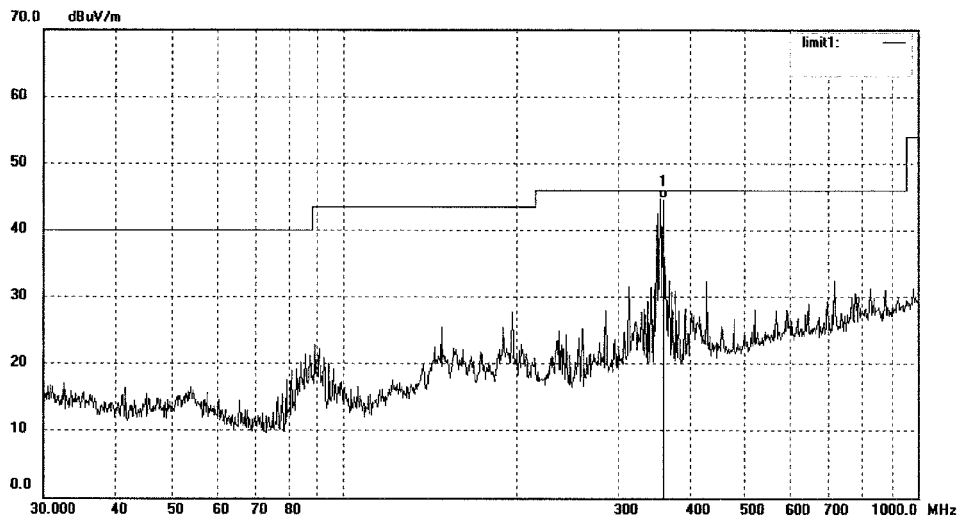

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 Site: 2# Chamber
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Job No.: PHY #1686	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0426	52.41	-7.61	44.80	46.00	-1.20	QP			

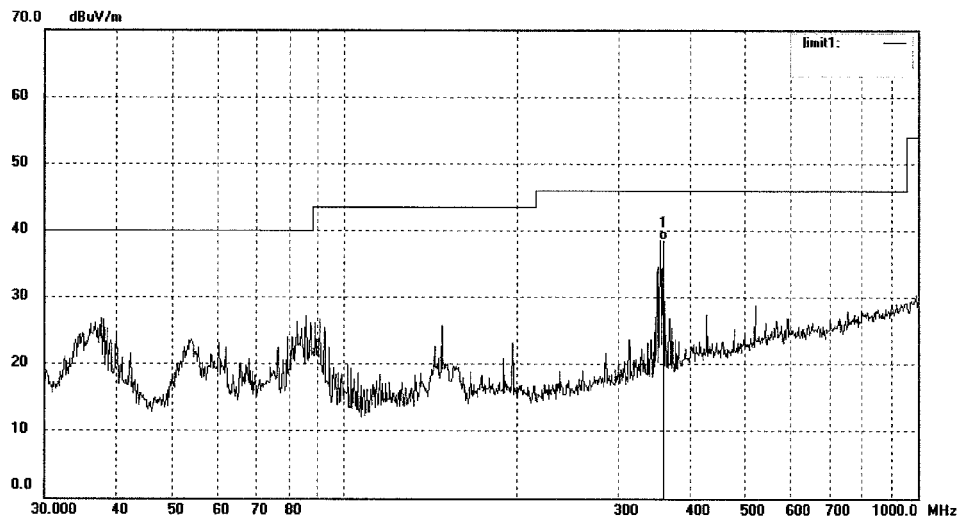

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Job No.: PHY #1685	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0326	46.12	-7.61	38.51	46.00	-7.49	QP			

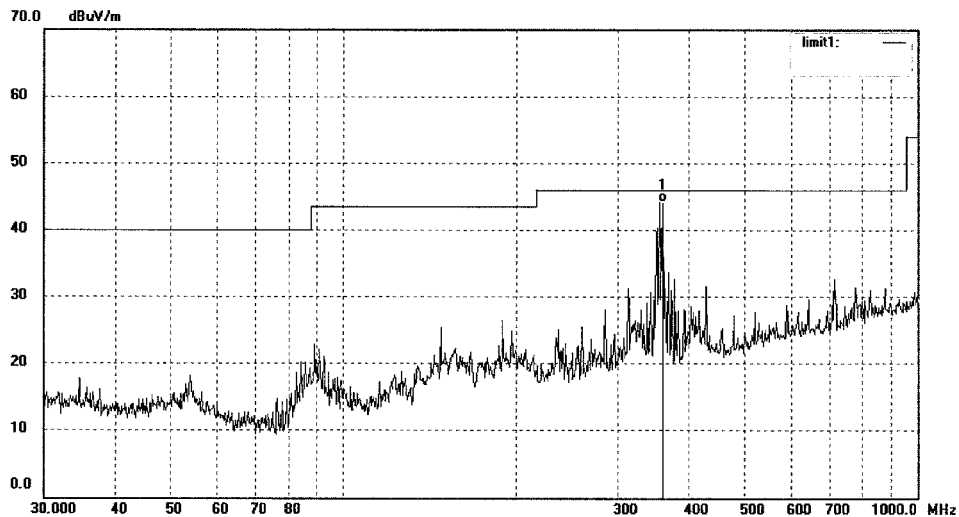

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 Site: 2# Chamber
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Job No.: PHY #1687	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0360	51.83	-7.61	44.22	46.00	-1.78	QP			

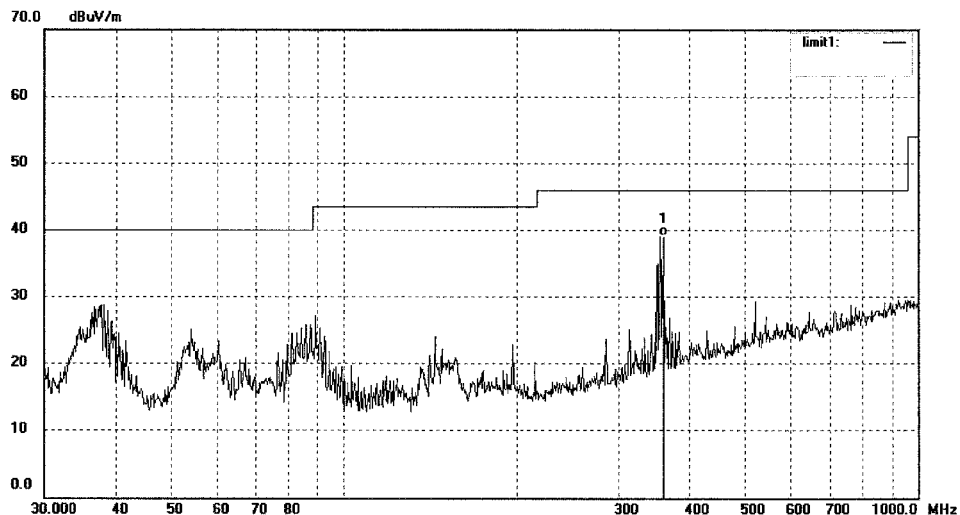

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 Site: 2# Chamber
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Job No.: PHY #1688	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0325	46.78	-7.61	39.17	46.00	-6.83	QP			

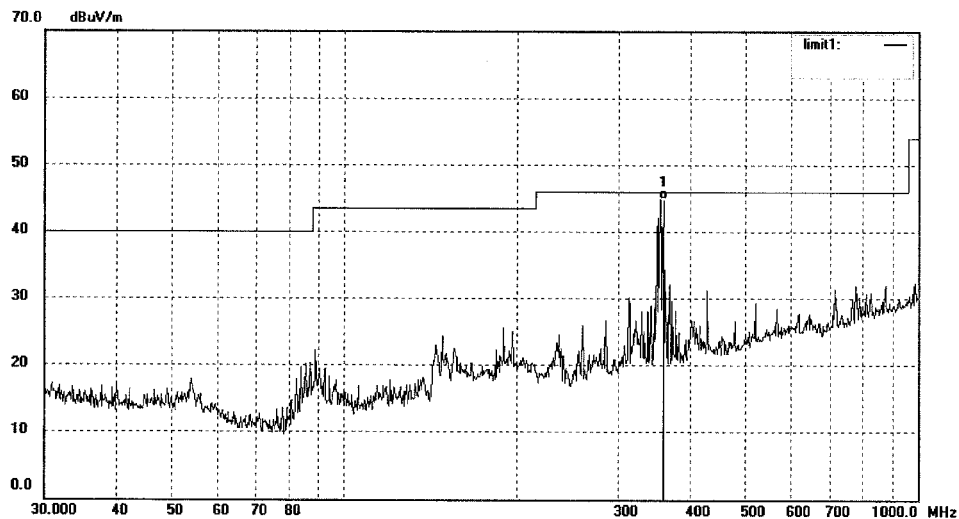

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Job No.: PHY #1690	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0352	52.45	-7.61	44.84	46.00	-1.16	QP			

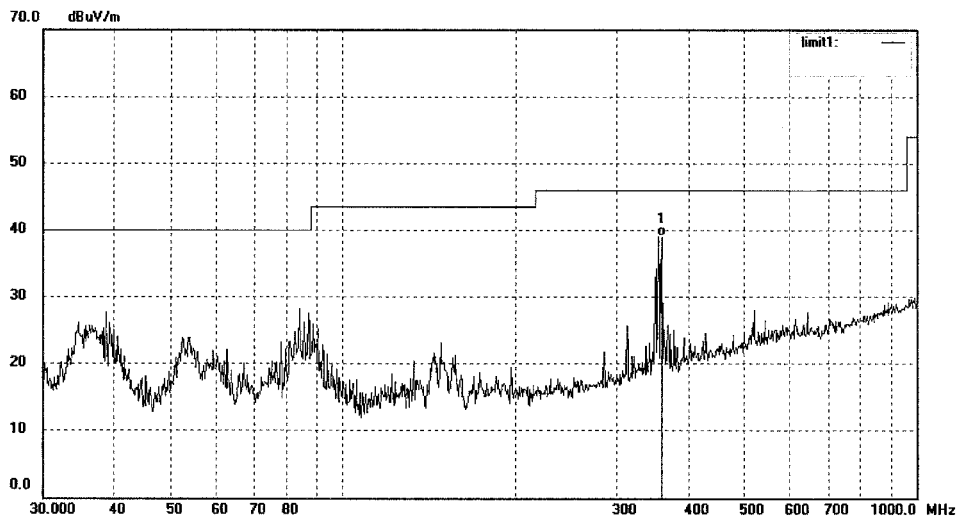

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Job No.: PHY #1689	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/17/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0355	46.66	-7.61	39.05	46.00	-6.95	QP			

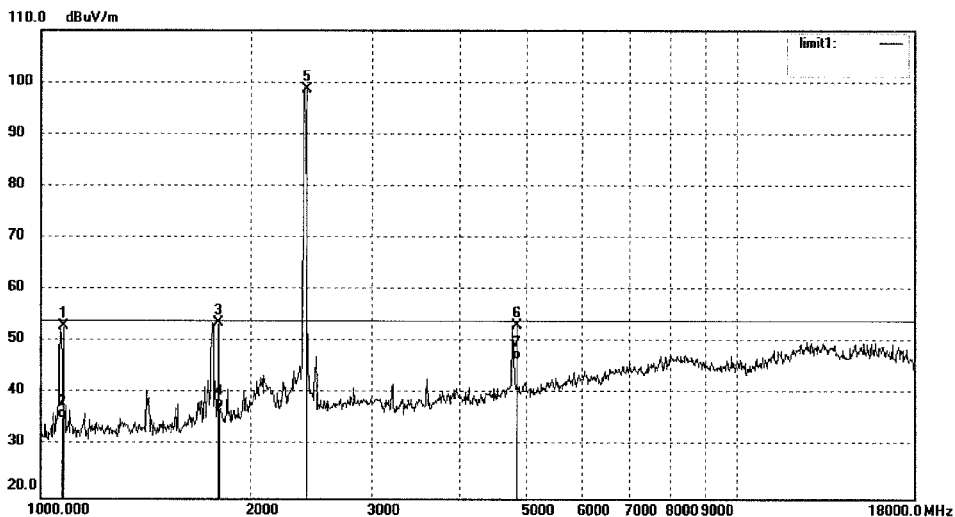

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1822	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1080.012	65.50	-12.64	52.86	74.00	-21.14	peak			
2	1080.012	47.87	-12.64	35.23	54.00	-18.77	AVG			
3	1800.037	63.70	-10.04	53.66	74.00	-20.34	peak			
4	1800.037	47.28	-10.04	37.24	54.00	-16.76	AVG			
5	2412.000	106.04	-7.43	98.61	/	/	peak			
6	4824.214	53.40	-0.19	53.21	74.00	-20.79	peak			
7	4824.214	46.84	-0.19	46.65	54.00	-7.35	AVG			

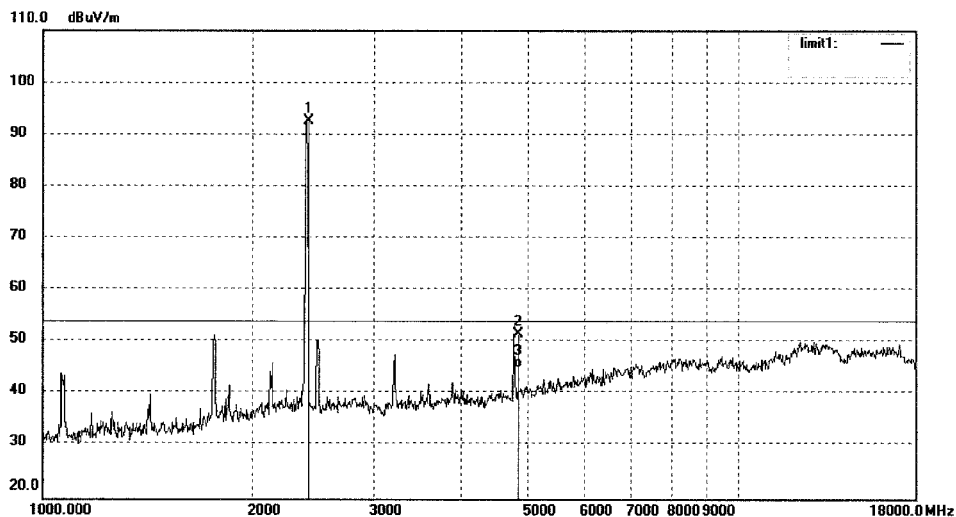

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1823	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	100.06	-7.43	92.63	/	/	peak			
2	4824.358	51.80	-0.19	51.61	74.00	-22.39	peak			
3	4824.358	45.38	-0.19	45.19	54.00	-8.81	AVG			


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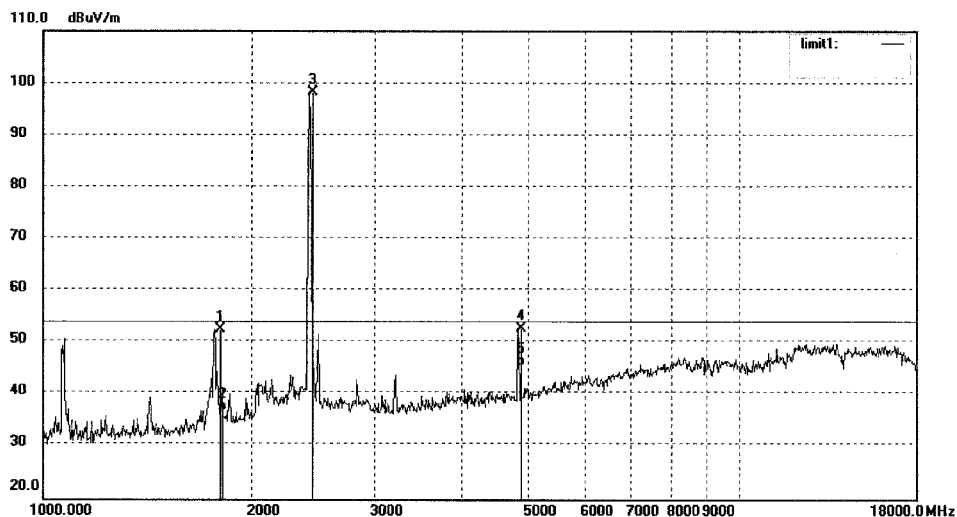
 F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1825	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1799.965	62.64	-10.04	52.60	74.00	-21.40	peak			
2	1799.965	46.86	-10.04	36.82	54.00	-17.18	AVG			
3	2437.000	105.59	-7.36	98.23	/	/	peak			
4	4874.262	52.70	0.09	52.79	74.00	-21.21	peak			
5	4874.262	45.47	0.09	45.56	54.00	-8.44	AVG			

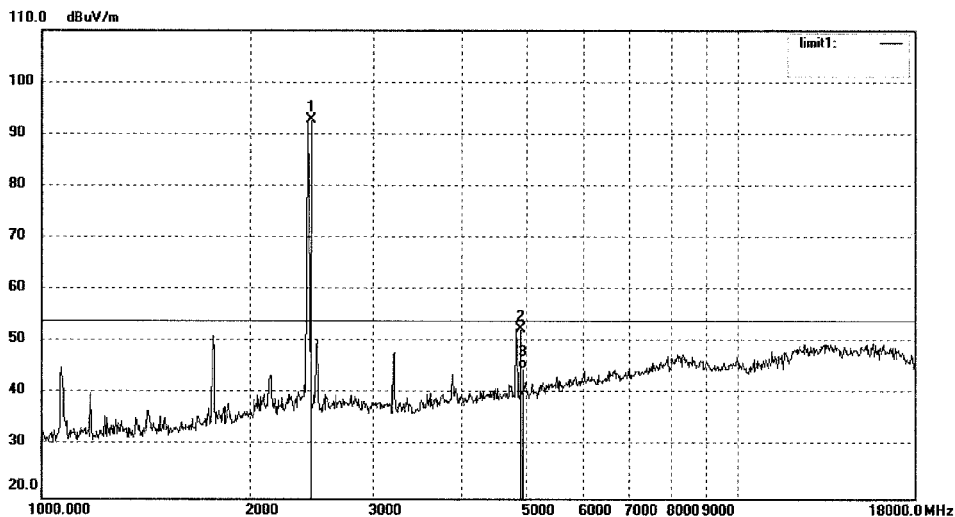

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1824	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2437.000	100.09	-7.36	92.73	/	/	peak			
2	4874.285	52.47	0.09	52.56	74.00	-21.44	peak			
3	4874.285	44.85	0.09	44.94	54.00	-9.06	AVG			

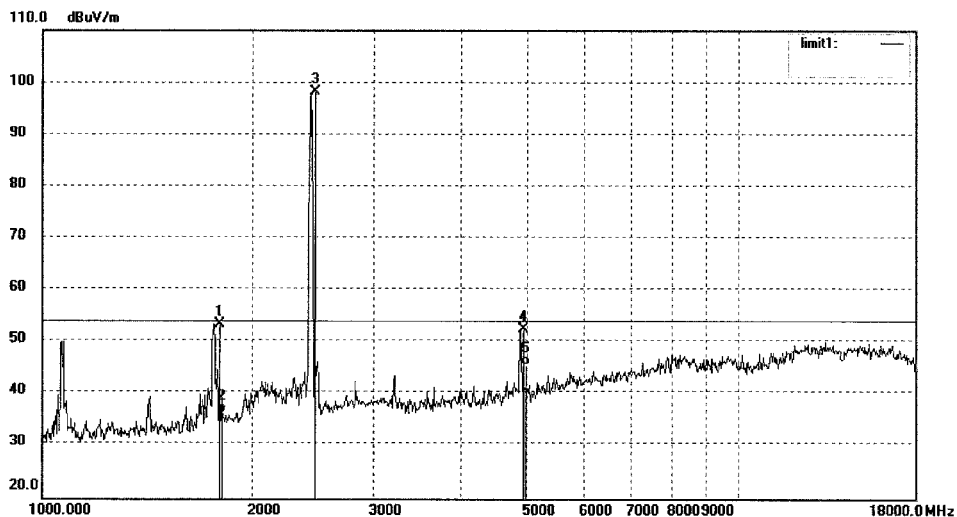

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1826	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1801.020	63.50	-10.04	53.46	74.00	-20.54	peak			
2	1801.020	46.25	-10.04	36.21	54.00	-17.79	AVG			
3	2462.000	105.45	-7.35	98.10	/	/	peak			
4	4924.270	52.08	0.34	52.42	74.00	-21.58	peak			
5	4924.270	45.12	0.34	45.46	54.00	-8.54	AVG			

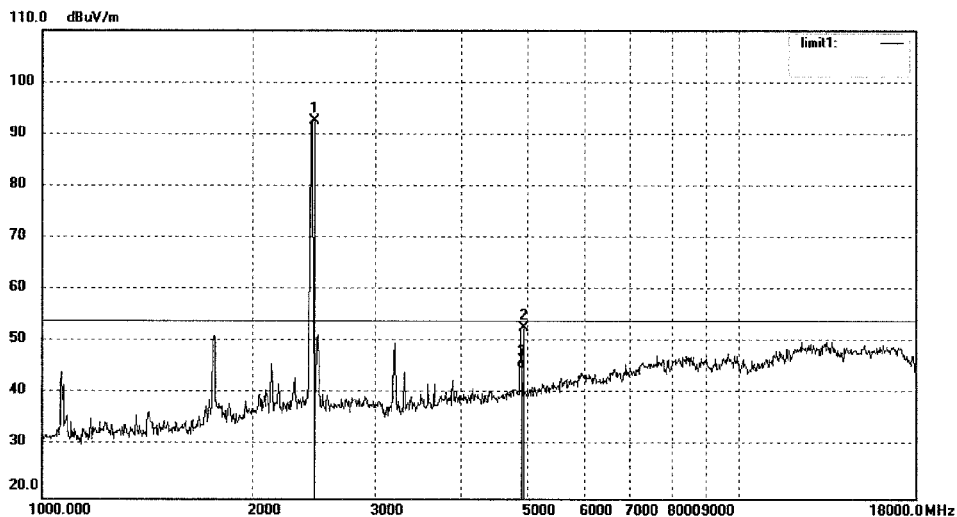

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PHY #1827	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2462.000	100.02	-7.35	92.67	/	/	peak			
2	4924.363	52.38	0.34	52.72	74.00	-21.28	peak			
3	4924.363	44.44	0.34	44.78	54.00	-9.22	AVG			

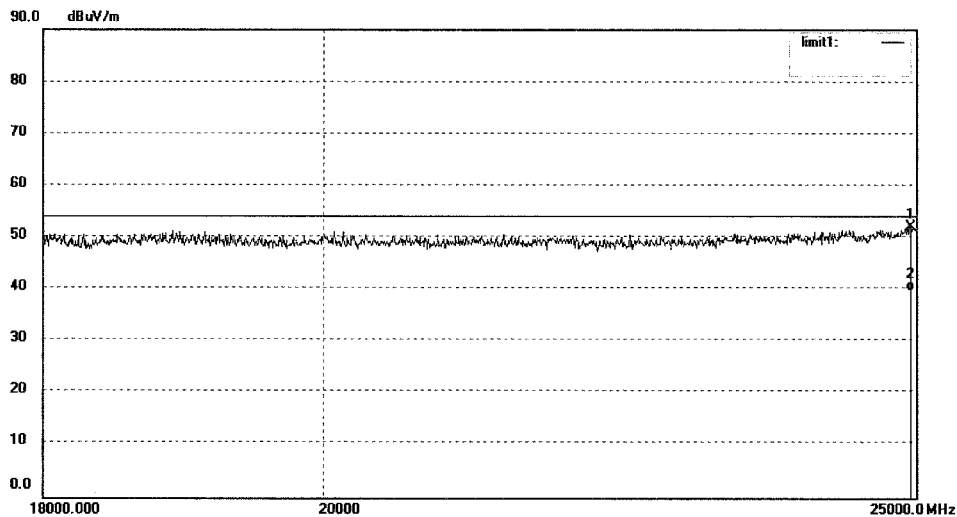

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1774	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.23	18.83	52.06	74.00	-21.94	peak			
2	24950.674	20.78	18.83	39.61	54.00	-14.39	AVG			

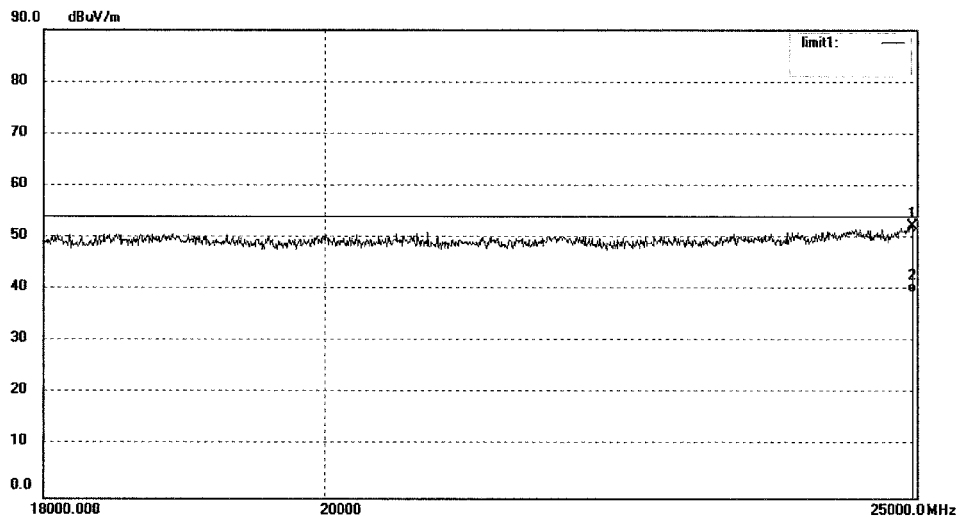

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1773	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.52	18.85	52.37	74.00	-21.63	peak			
2	24967.105	20.65	18.85	39.50	54.00	-14.50	AVG			

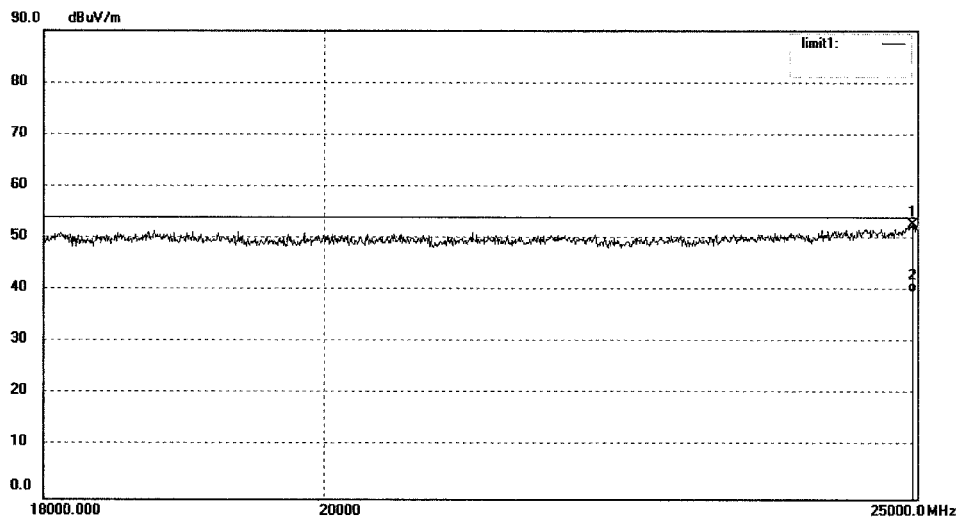

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1775	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.86	18.85	52.71	74.00	-21.29	peak			
2	24967.105	20.79	18.85	39.64	54.00	-14.36	AVG			


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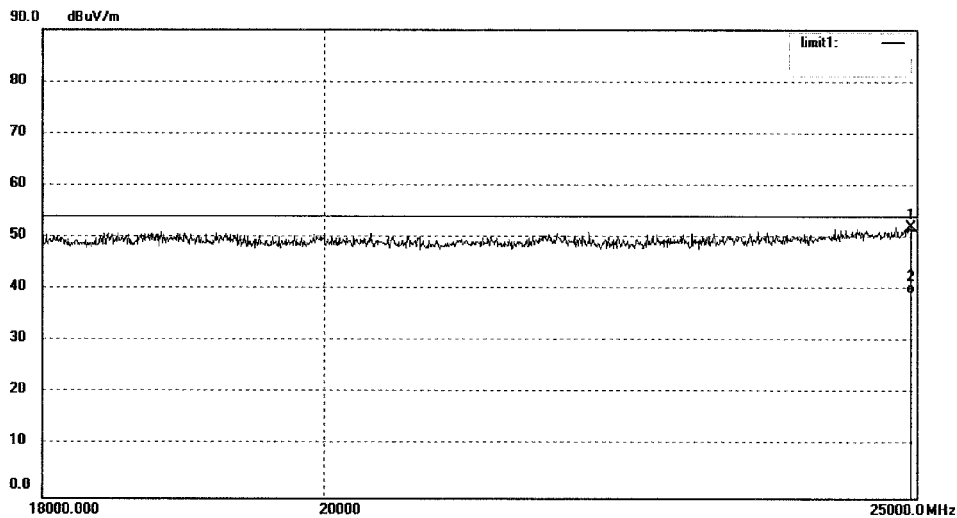
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1776	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.16	18.83	51.99	74.00	-22.01	peak			
2	24950.674	20.46	18.83	39.29	54.00	-14.71	AVG			

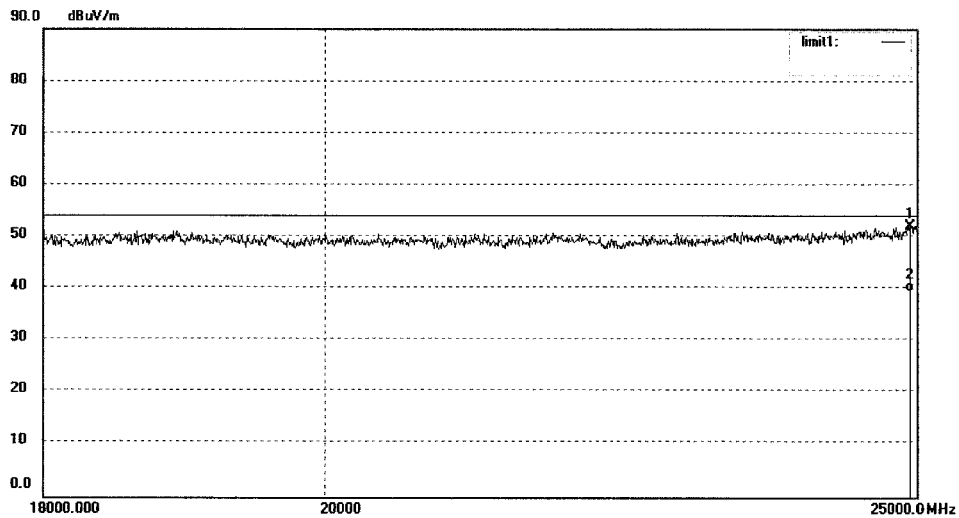

ACCURATE TECHNOLOGY CO., LTD.

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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 #1778	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24942.463	33.26	18.82	52.08	74.00	-21.92	peak			
2	24942.463	20.73	18.82	39.55	54.00	-14.45	AVG			

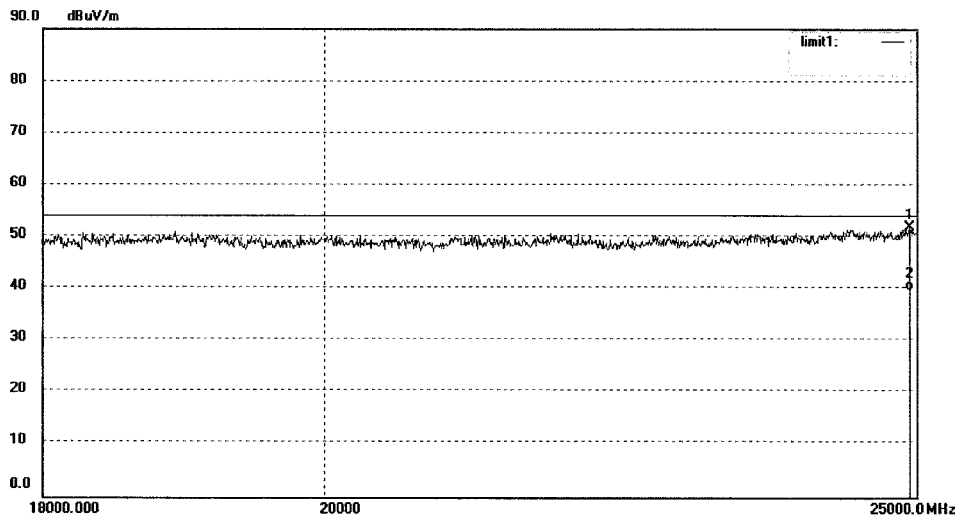

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PHY #1777	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24942.463	33.04	18.82	51.86	74.00	-22.14	peak			
2	24942.463	20.80	18.82	39.62	54.00	-14.38	AVG			

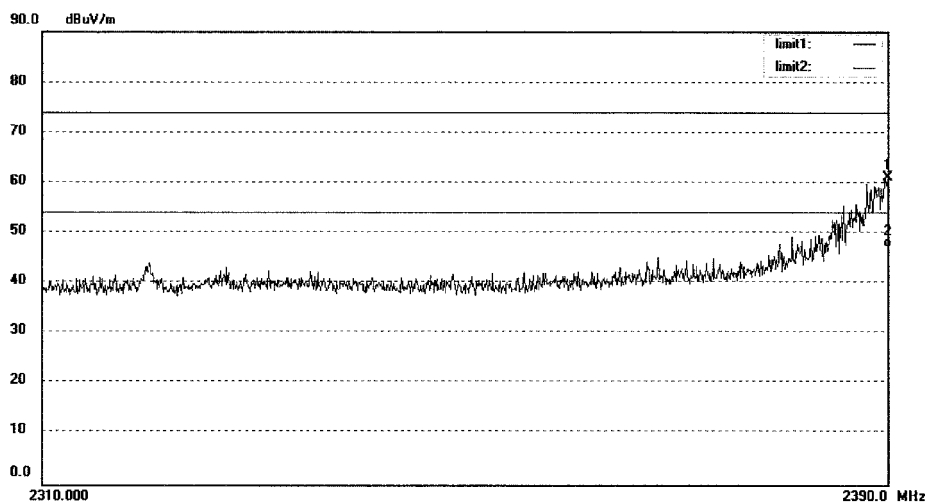
Test Plot of Frequency Band Edge of 802.11g mode


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

Job No.: PHY #1806	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11g



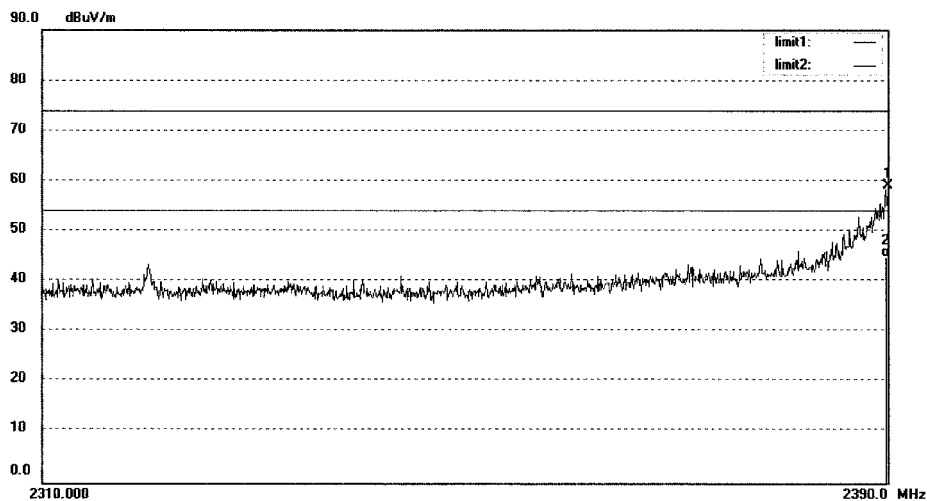
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	68.53	-7.53	61.00	74.00	-13.00	peak			
2	2390.000	54.73	-7.53	47.20	54.00	-6.80	AVG			


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

Job No.: PHY #1807	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11g



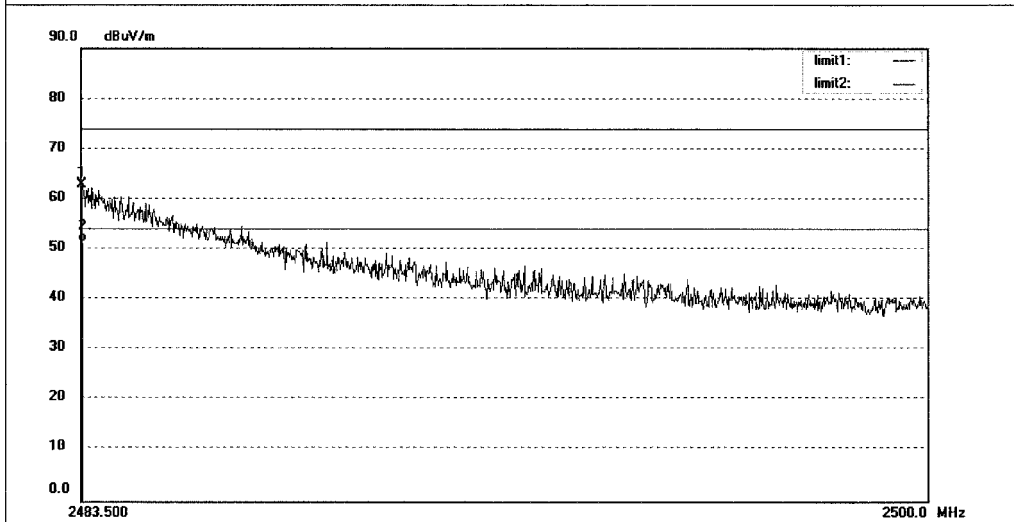
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	66.63	-7.53	59.10	74.00	-14.90	peak			
2	2390.000	52.33	-7.53	44.80	54.00	-9.20	AVG			


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

Job No.: PHY #1809	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11g



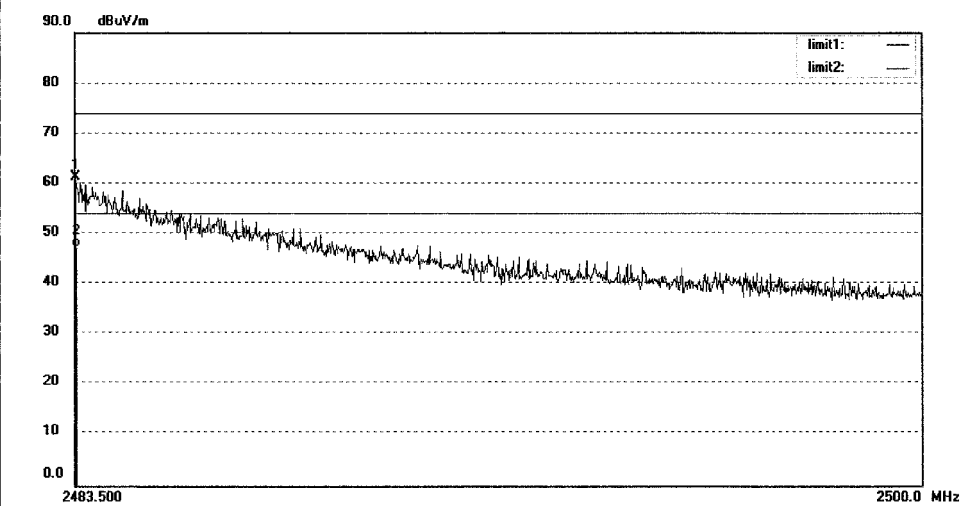
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	70.35	-7.37	62.98	74.00	-11.02	peak			
2	2483.500	58.89	-7.37	51.52	54.00	-2.48	AVG			


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 Fax:+86-0755-26503396

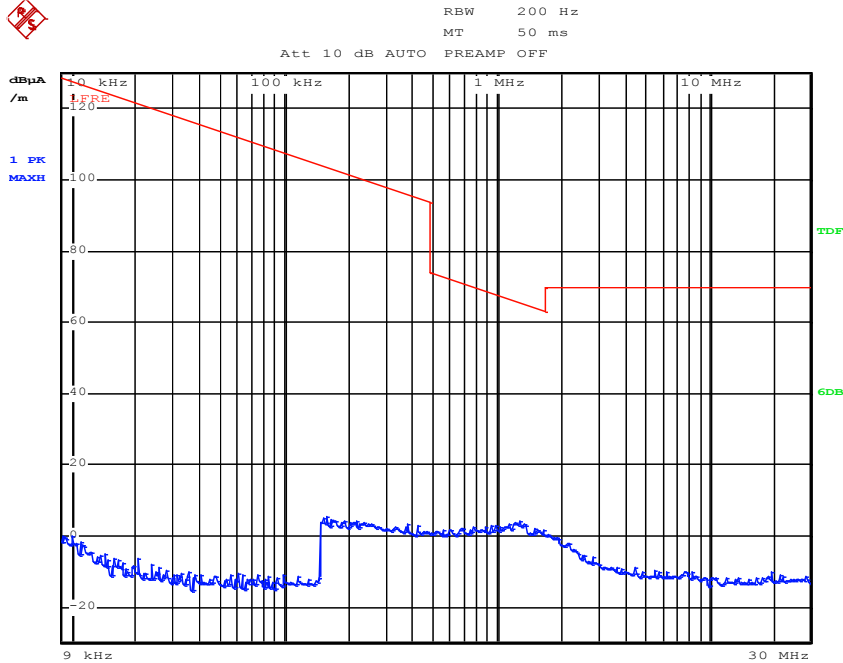
Job No.: PHY #1808	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11g



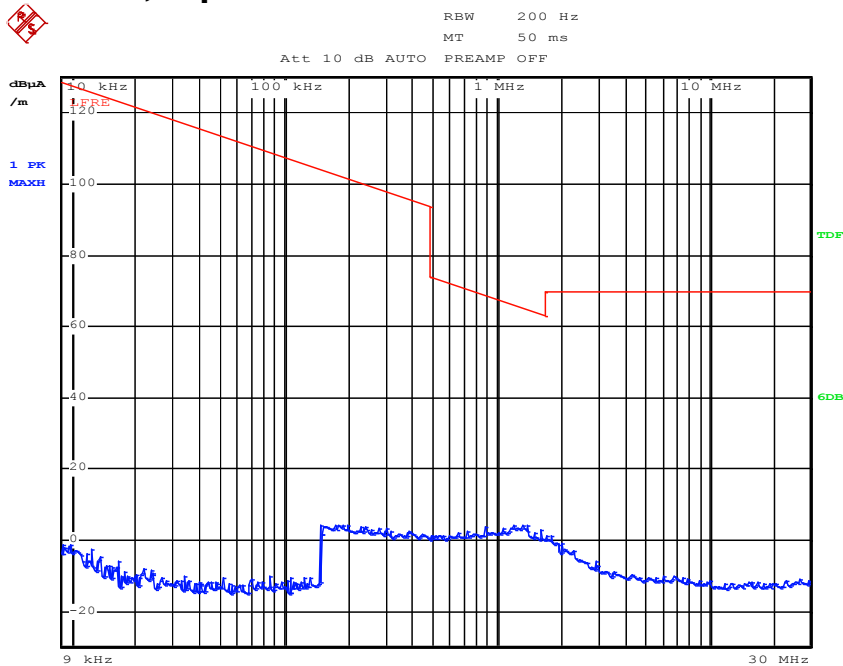
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	68.64	-7.37	61.27	74.00	-12.73	peak			
2	2483.500	54.77	-7.37	47.40	54.00	-6.60	AVG			

Test Plot of Spurious Emission of transmitting of 802.11n mode Low channel, X polarization:

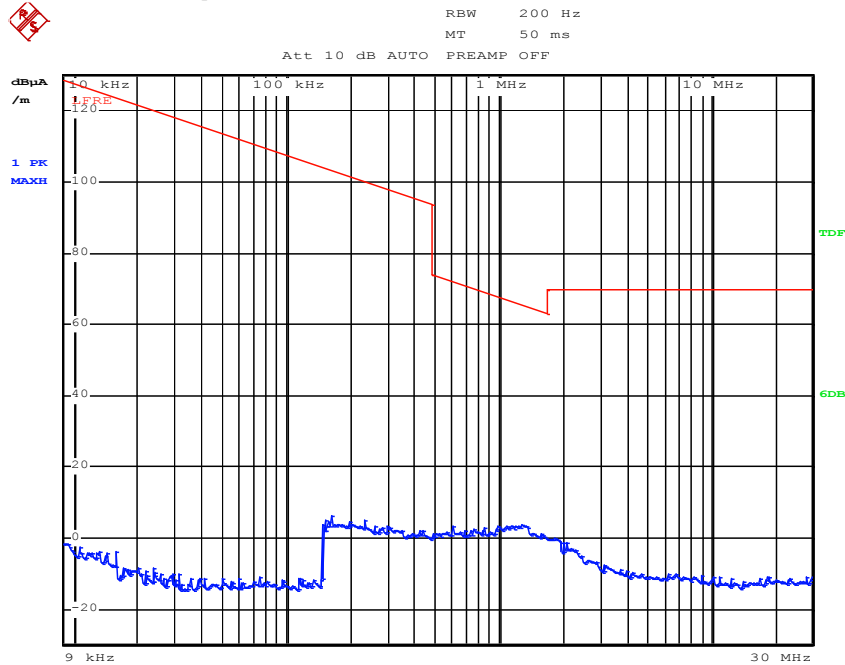


Date: 24.MAY.2014 15:18:28

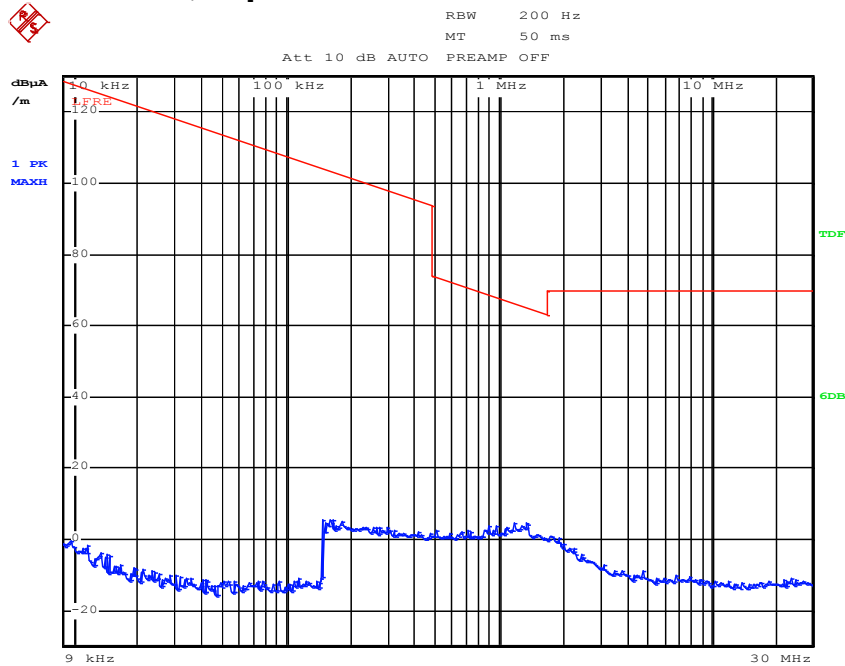
Low channel, Y polarization:



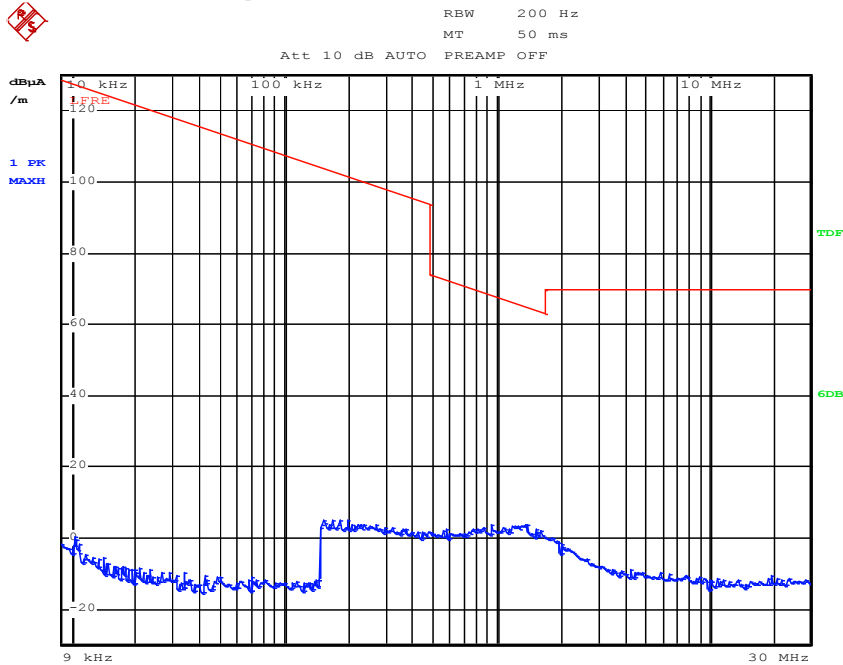
Date: 24.MAY.2014 15:20:24

Low channel, Z polarization:


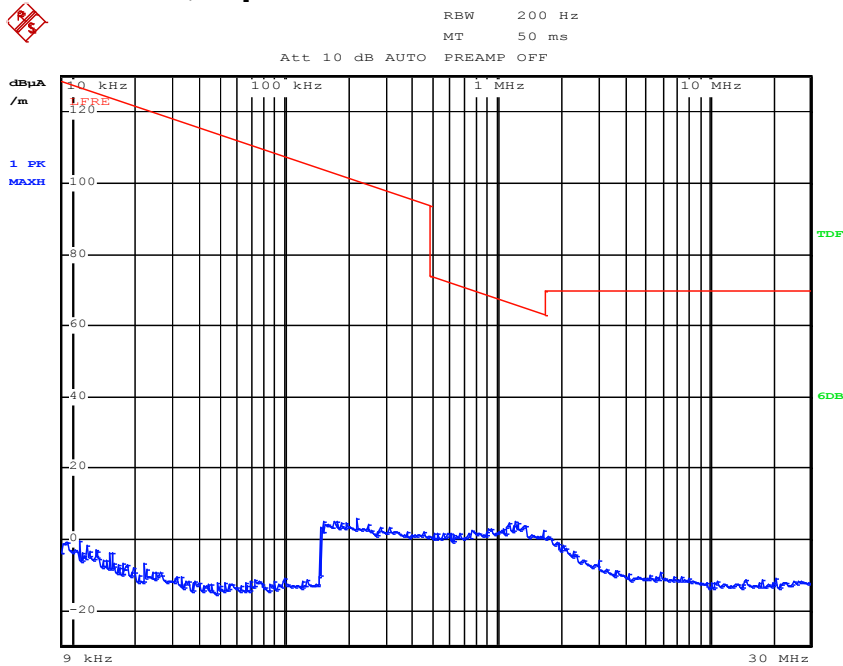
Date: 24.MAY.2014 15:22:22

Middle channel, X polarization:


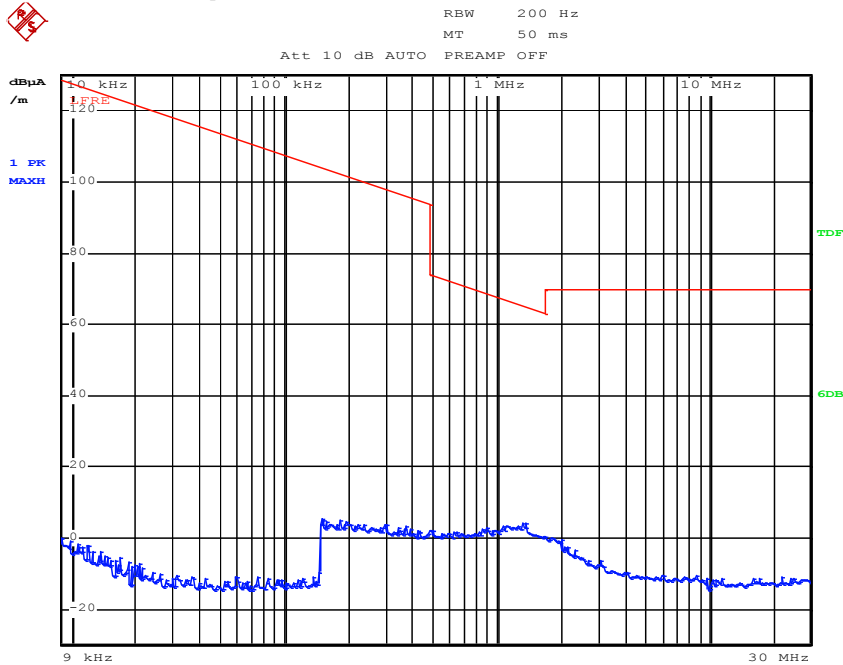
Date: 24.MAY.2014 15:24:21

Middle channel, Y polarization:


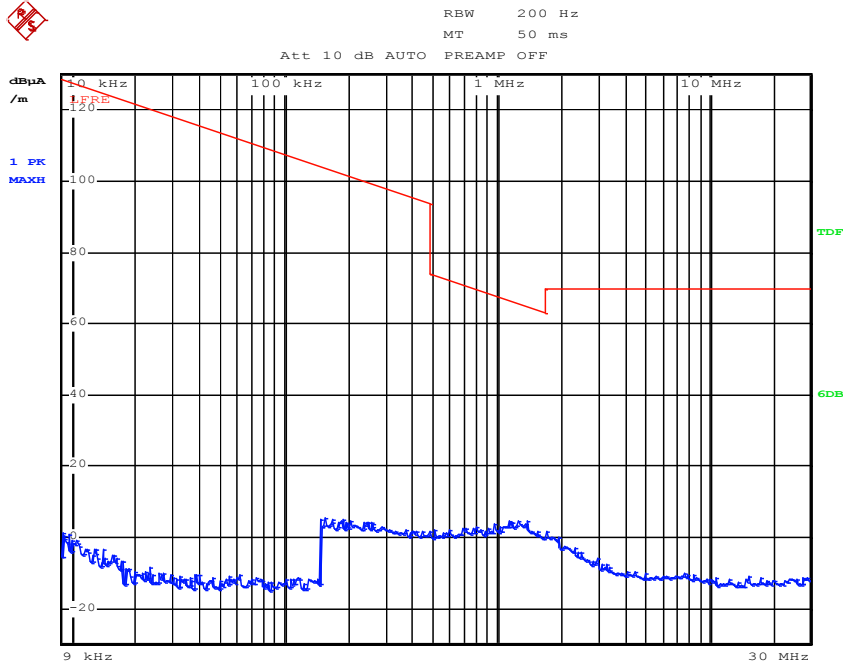
Date: 24.MAY.2014 15:26:20

Middle channel, Z polarization:


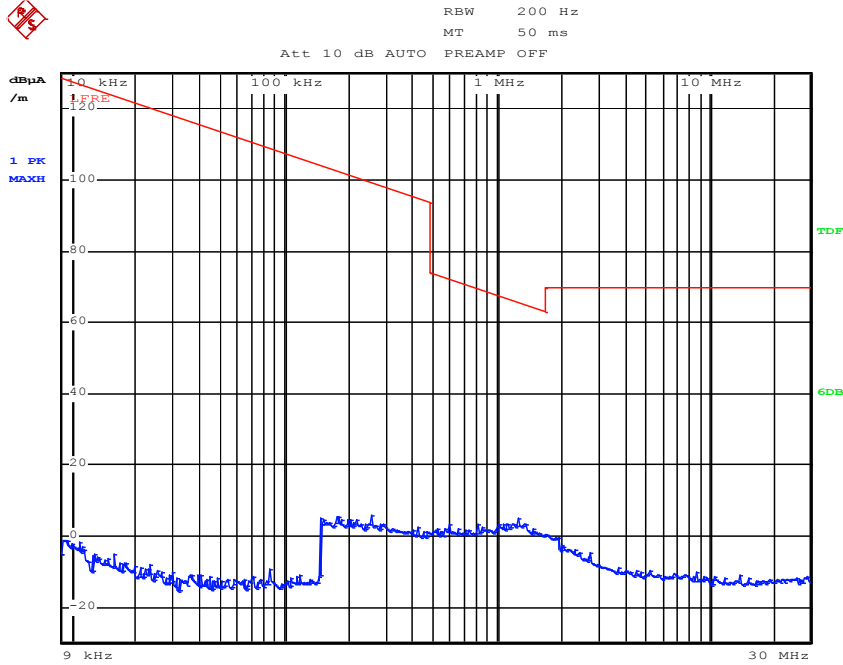
Date: 24.MAY.2014 15:28:27

High channel, X polarization:


Date: 24.MAY.2014 15:30:24

High channel, Y polarization:


Date: 24.MAY.2014 15:32:24

High channel, Z polarization:


Date: 24.MAY.2014 15:34:28

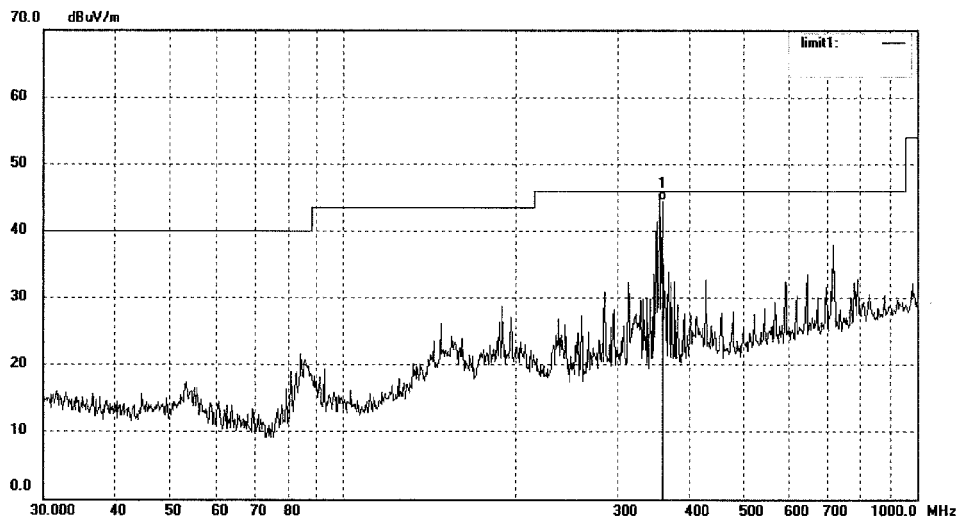

ACCURATE TECHNOLOGY CO., LTD.

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

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

Job No.: PHY #1691	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0630	52.22	-7.61	44.61	46.00	-1.39	QP			


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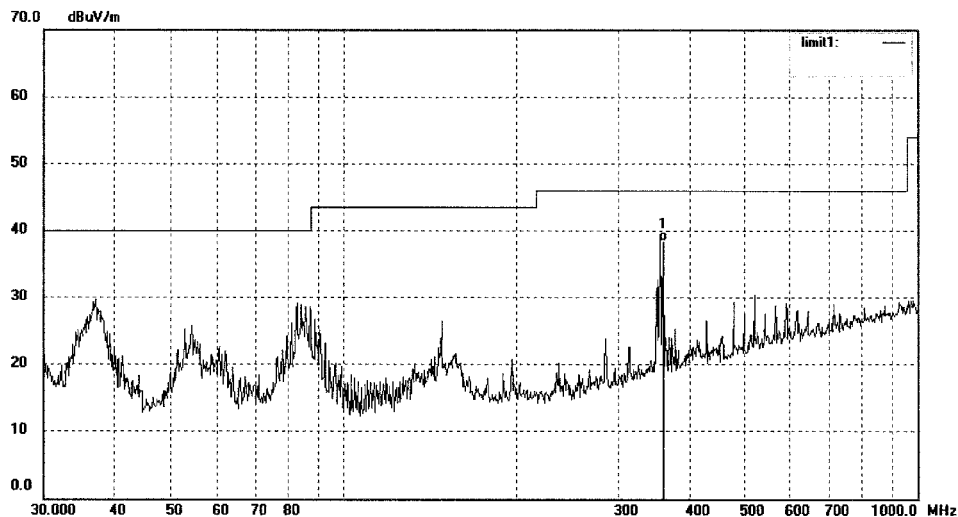
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1692	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0220	46.07	-7.61	38.46	46.00	-7.54	QP			

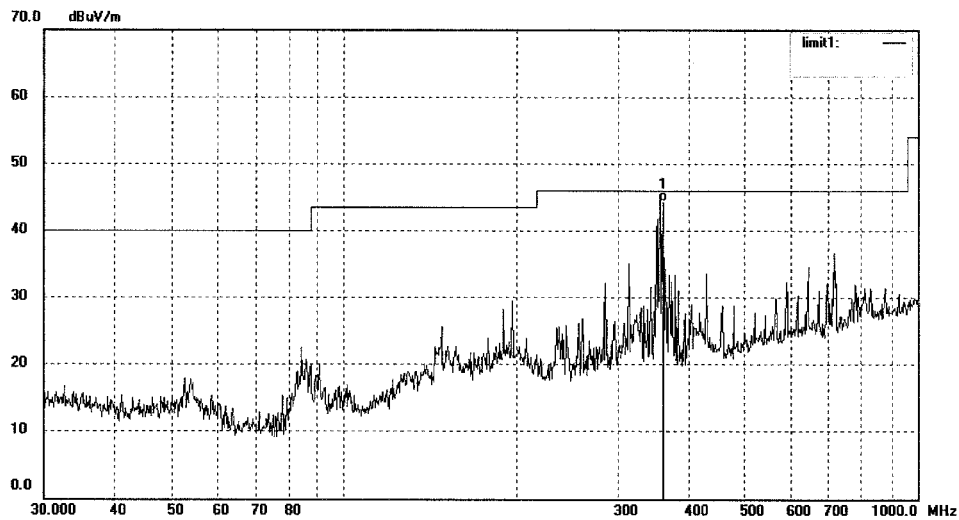

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1694	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0311	52.04	-7.61	44.43	46.00	-1.57	QP			

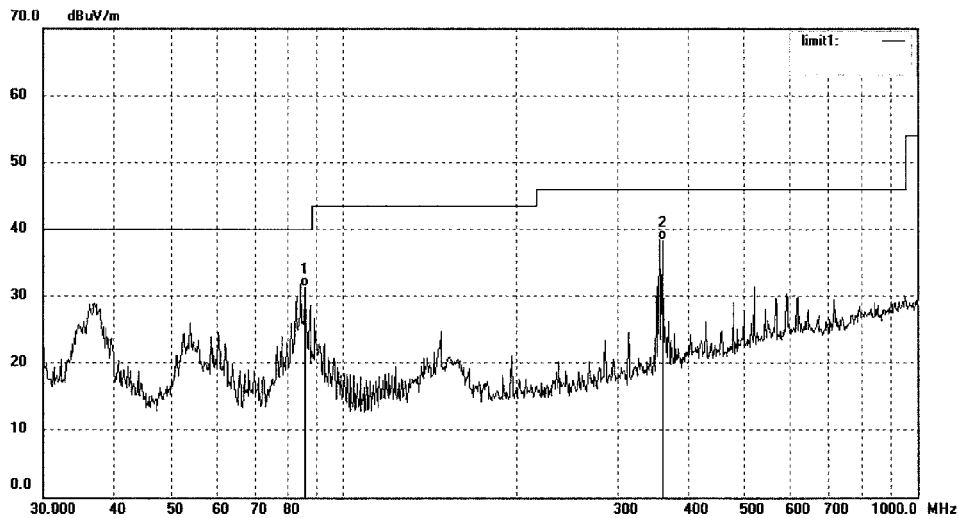

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1693	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	85.7140	46.75	-15.35	31.40	40.00	-8.60	QP			
2	360.0305	46.10	-7.61	38.49	46.00	-7.51	QP			

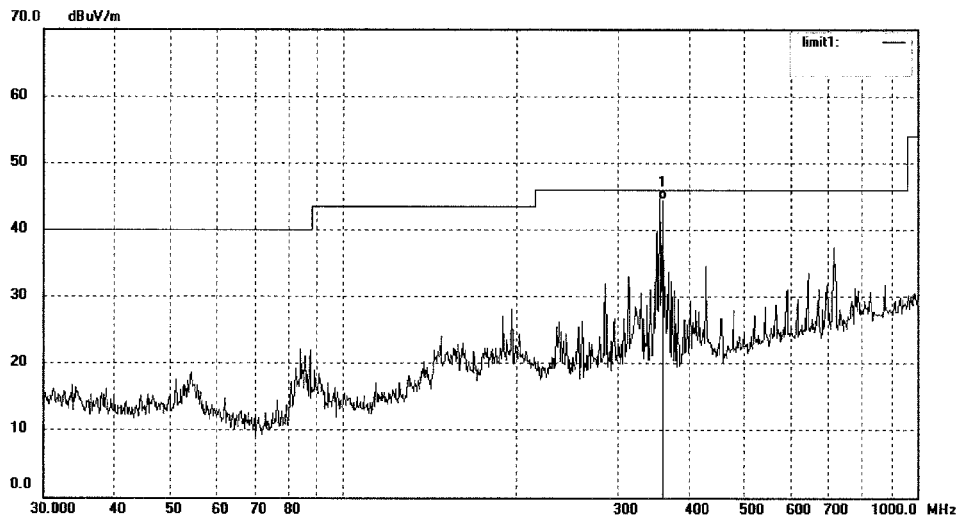

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1695	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0140	52.17	-7.61	44.56	46.00	-1.44	QP			

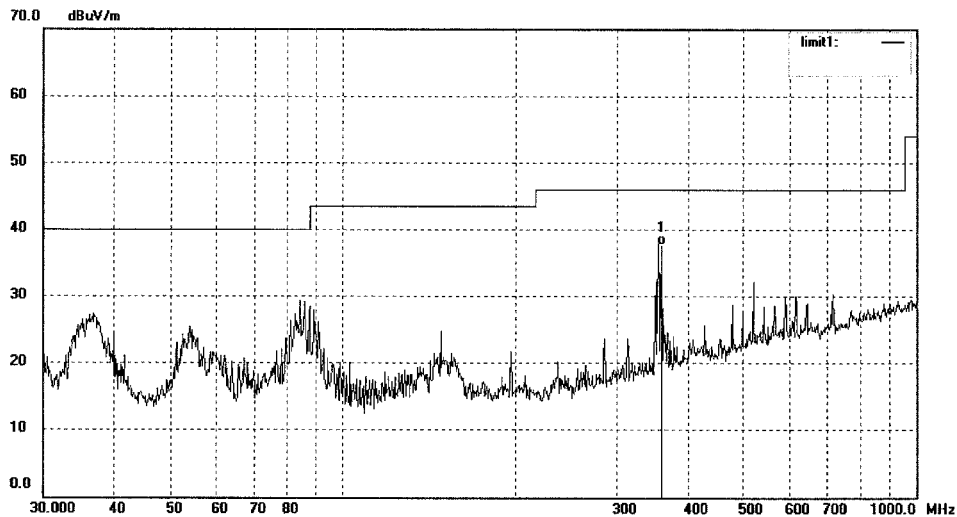

ACCURATE TECHNOLOGY CO., LTD.

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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 #1696	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	360.0385	45.38	-7.61	37.77	46.00	-8.23	QP			


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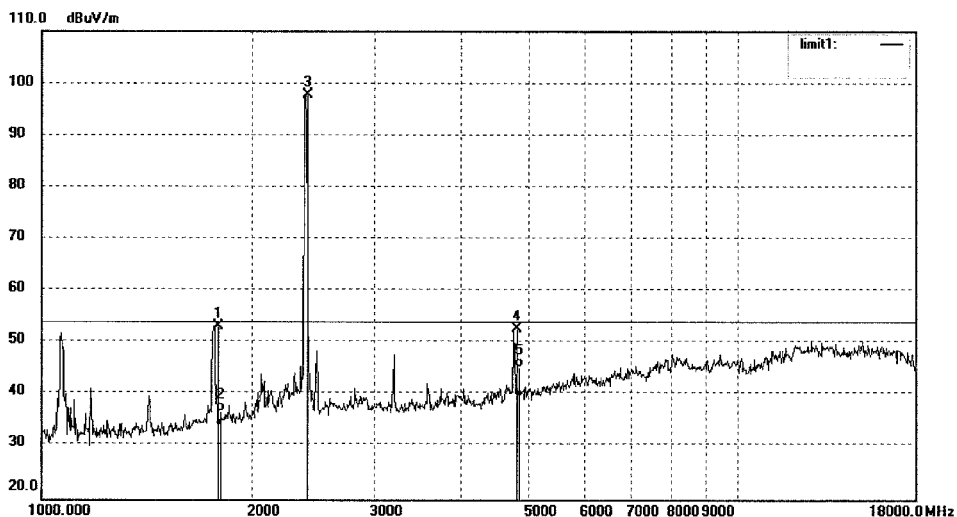
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1835	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1800.015	63.18	-10.04	53.14	74.00	-20.86	peak			
2	1800.015	46.78	-10.04	36.74	54.00	-17.26	AVG			
3	2412.000	105.15	-7.43	97.72	/	/	peak			
4	4824.356	53.02	-0.19	52.83	74.00	-21.17	peak			
5	4824.356	45.42	-0.19	45.23	54.00	-8.77	AVG			


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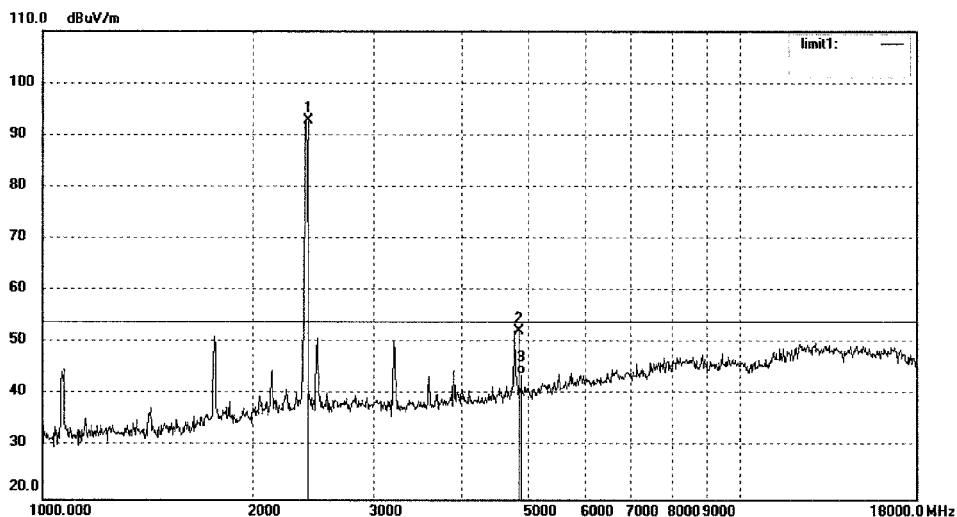
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1834	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	100.31	-7.43	92.88	/	/	peak			
2	4824.281	52.50	-0.19	52.31	74.00	-21.69	peak			
3	4824.281	44.25	-0.19	44.06	54.00	-9.94	AVG			

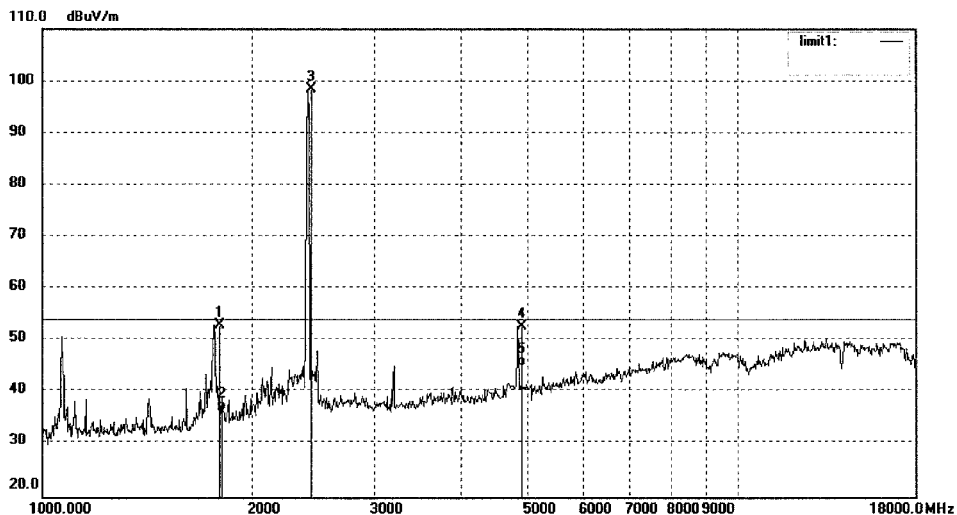

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1836	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1800.186	63.06	-10.04	53.02	74.00	-20.98	peak			
2	1800.186	46.66	-10.04	36.62	54.00	-17.38	AVG			
3	2437.000	105.74	-7.36	98.38	/	/	peak			
4	4874.015	52.60	0.09	52.69	74.00	-21.31	peak			
5	4874.015	44.96	0.09	45.05	54.00	-8.95	AVG			

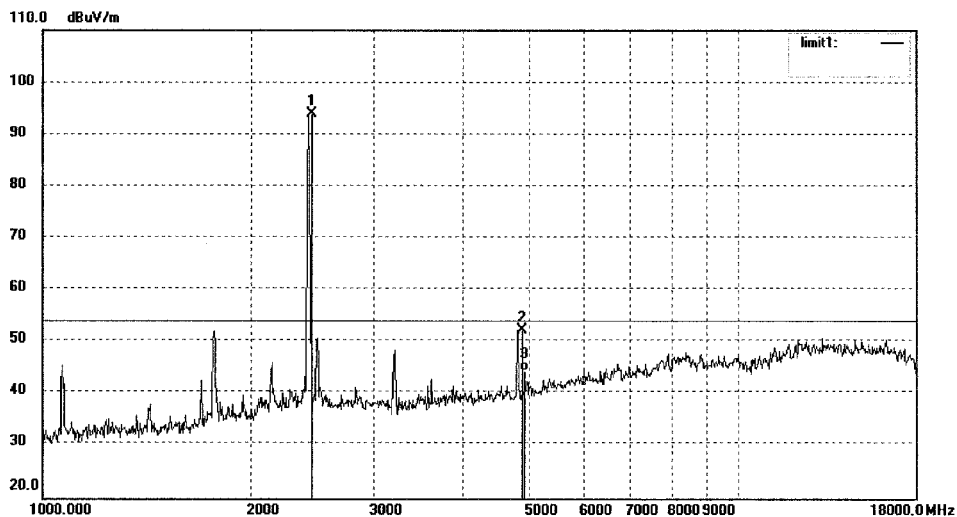

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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PHY #1837	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	101.30	-7.36	93.94	/	/	peak			
2	4874.234	52.21	0.09	52.30	74.00	-21.70	peak			
3	4874.234	44.22	0.09	44.31	54.00	-9.69	AVG			


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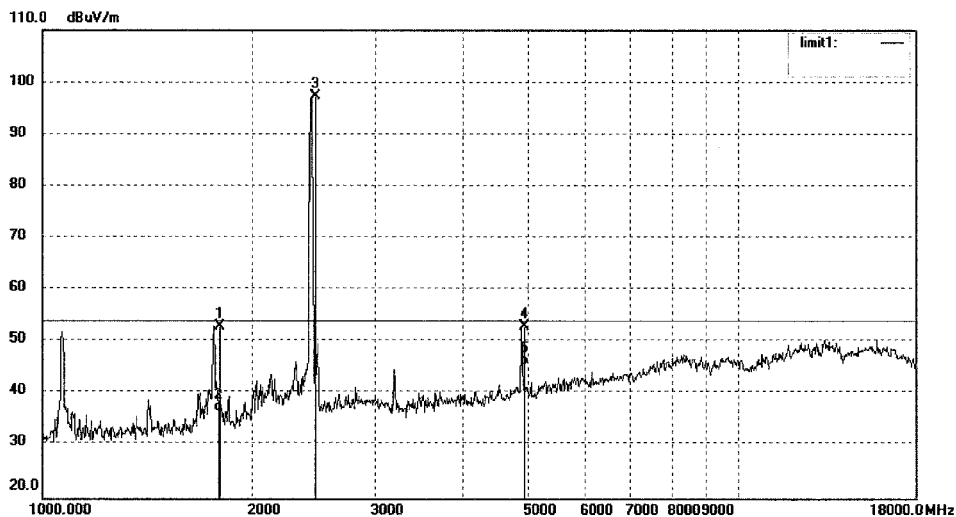
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1839	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	1799.975	63.06	-10.04	53.02	74.00	-20.98	peak			
2	1799.975	46.57	-10.04	36.53	54.00	-17.47	AVG			
3	2462.000	104.69	-7.35	97.34	/	/	peak			
4	4924.299	52.53	0.34	52.87	74.00	-21.13	peak			
5	4924.299	45.10	0.34	45.44	54.00	-8.56	AVG			


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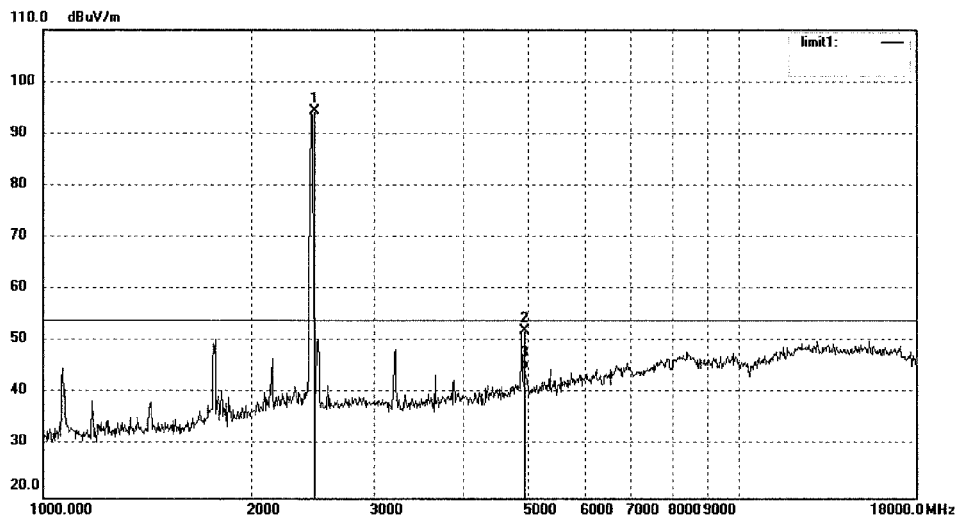
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1838	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2014-5-23
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2462.000	101.66	-7.35	94.31	/	/	peak			
2	4924.388	51.71	0.34	52.05	74.00	-21.95	peak			
3	4924.388	44.27	0.34	44.61	54.00	-9.39	AVG			

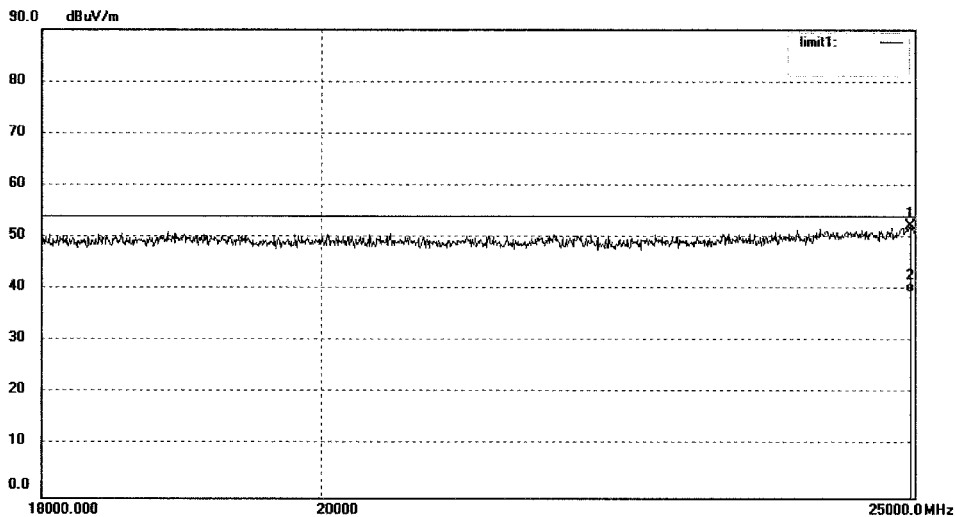

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1779	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24958.889	33.57	18.84	52.41	74.00	-21.59	peak			
2	24958.889	20.66	18.84	39.50	54.00	-14.50	AVG			

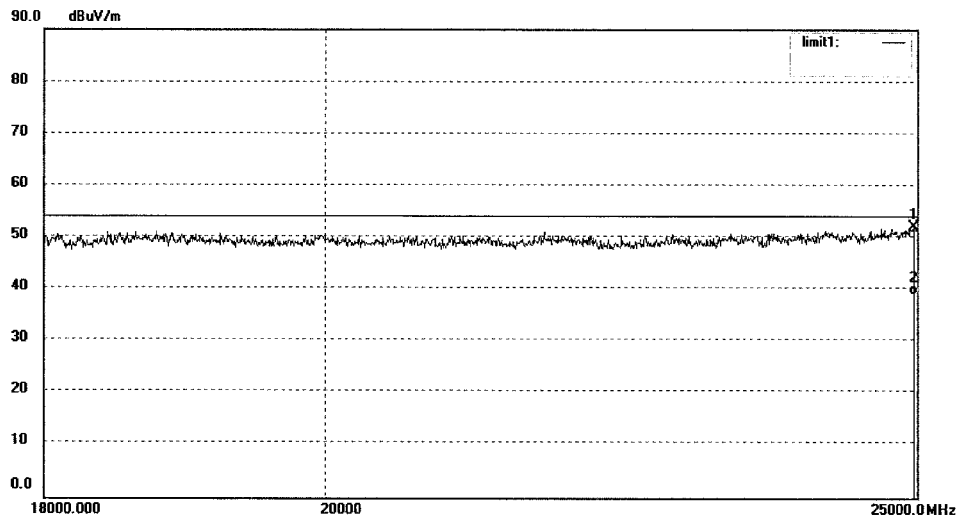

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1780	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.17	18.87	52.04	74.00	-21.96	peak			
2	24975.325	20.28	18.87	39.15	54.00	-14.85	AVG			

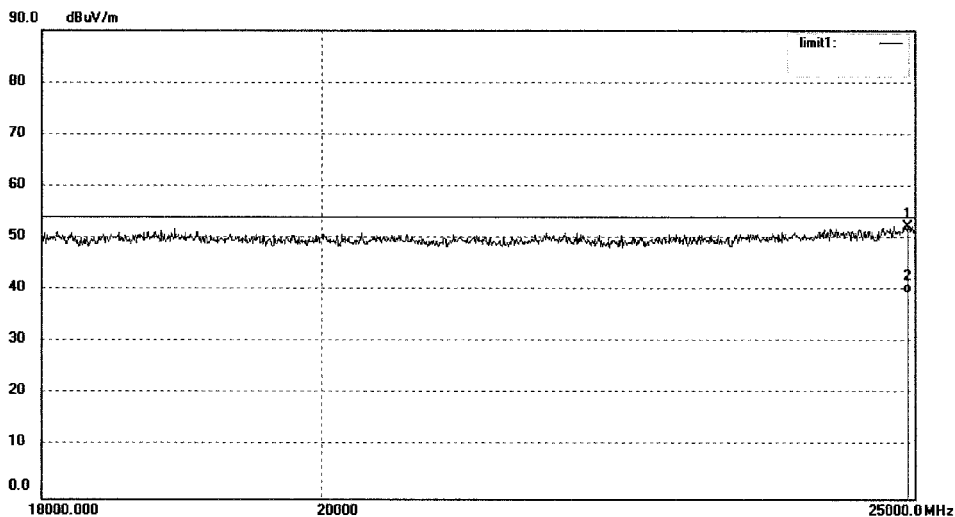

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1782	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24942.463	33.44	18.82	52.26	74.00	-21.74	peak			
2	24942.463	20.64	18.82	39.46	54.00	-14.54	AVG			

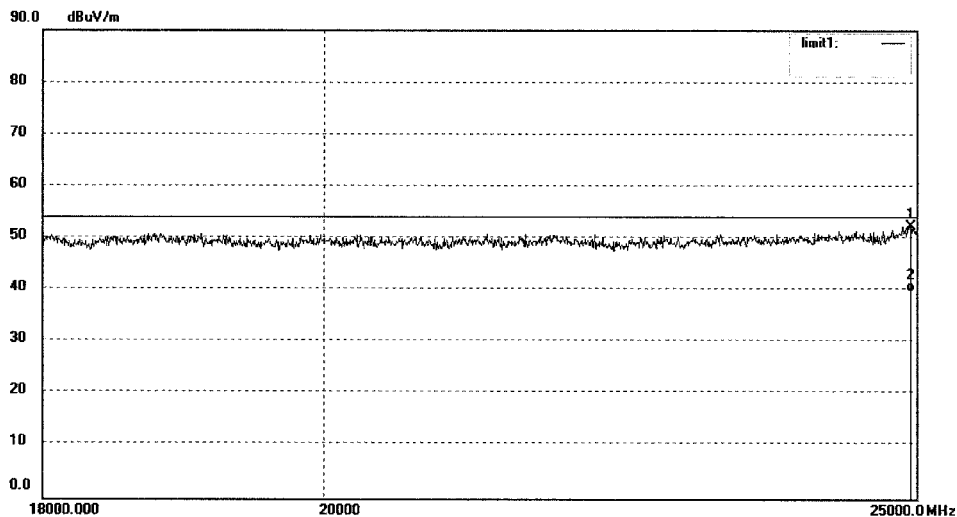

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1781	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2437MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.52	18.83	52.35	74.00	-21.65	peak			
2	24950.674	20.85	18.83	39.68	54.00	-14.32	AVG			

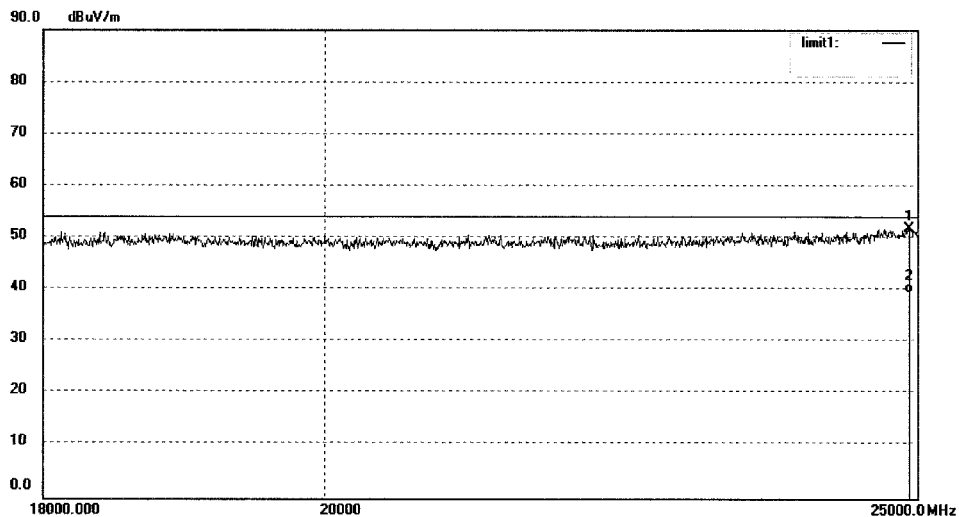

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: PHY #1783	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	24934.254	32.97	18.81	51.78	74.00	-22.22	peak			
2	24934.254	20.59	18.81	39.40	54.00	-14.60	QP			

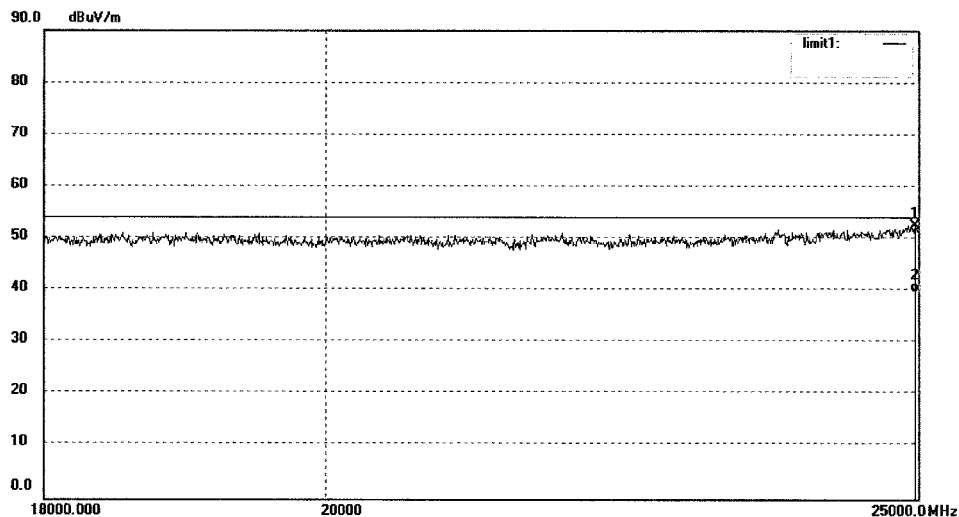

ACCURATE TECHNOLOGY CO., LTD.

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

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

Job No.: PHY #1784	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/18/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	33.64	18.87	52.51	74.00	-21.49	peak			
2	24975.325	20.76	18.87	39.63	54.00	-14.37	AVG			

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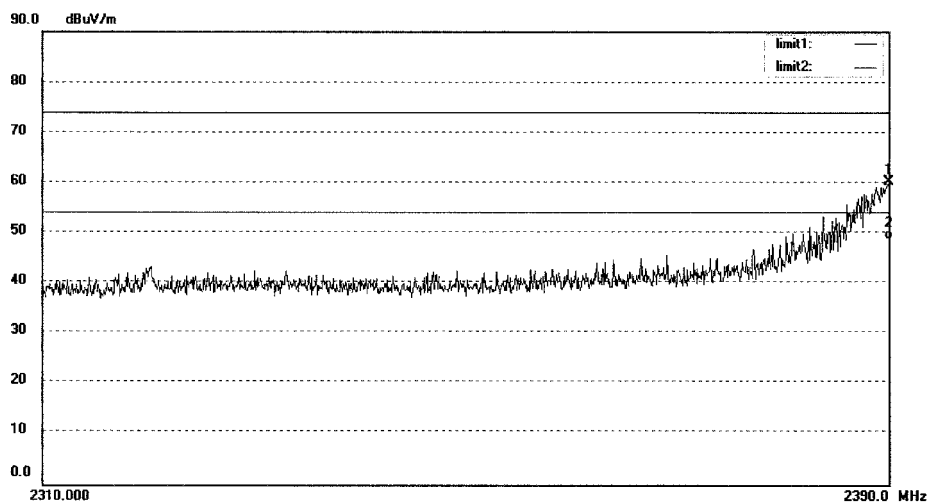
Test Plot of Frequency Band Edge of 802.11n mode


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

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

Job No.: PHY #1816	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11n



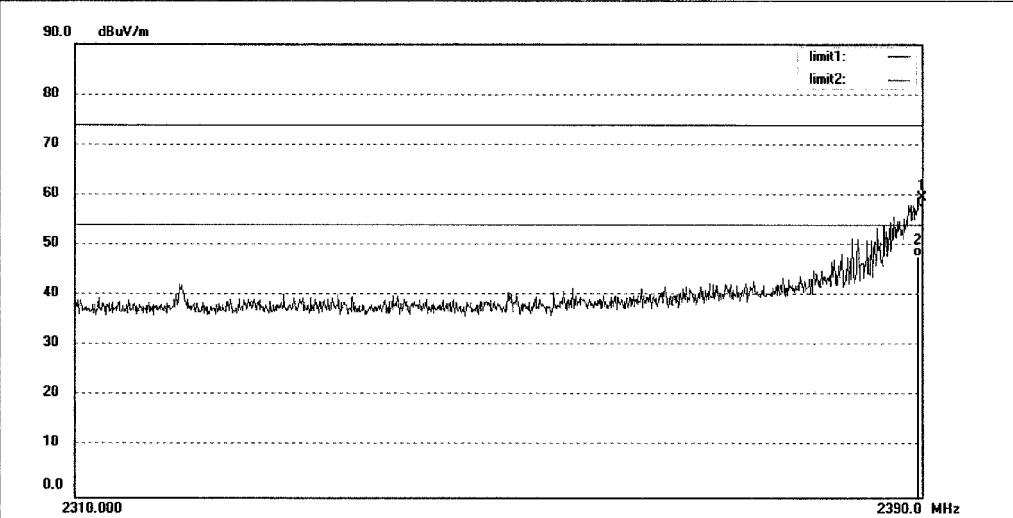
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	67.63	-7.53	60.10	74.00	-13.90	peak			
2	2390.000	56.33	-7.53	48.80	54.00	-5.20	AVG			


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

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

Job No.: PHY #1815	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2412MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2390.000	67.01	-7.53	59.48	74.00	-14.52	peak			
2	2390.000	55.43	-7.53	47.90	54.00	-6.10	AVG			


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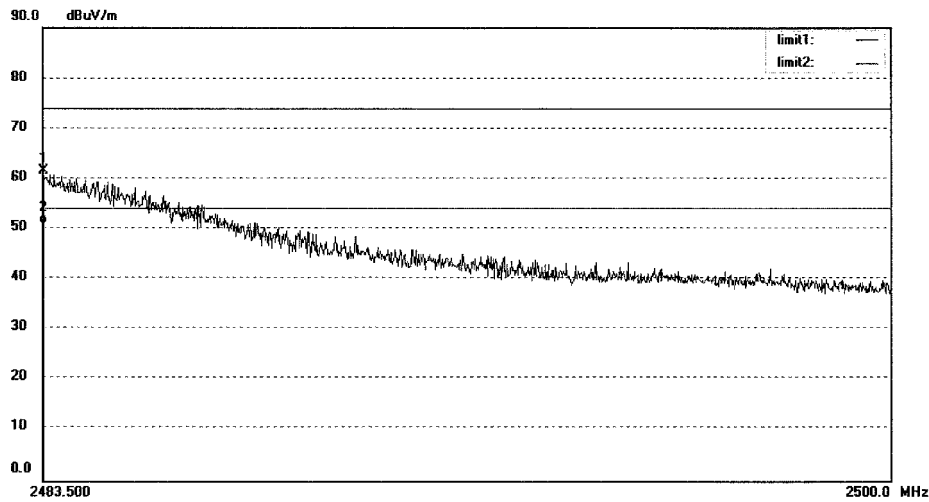
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1817	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

Note: 802.11n



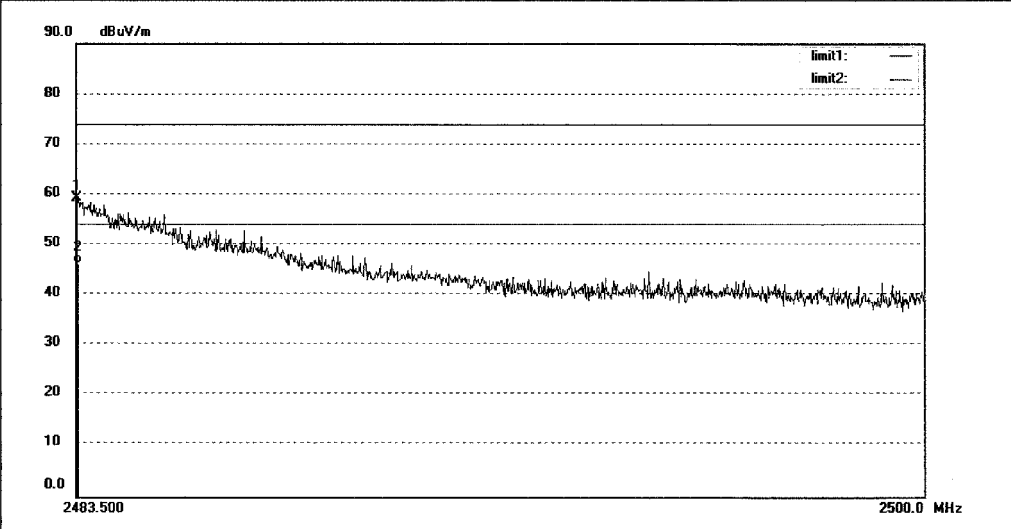
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	68.83	-7.37	61.46	74.00	-12.54	peak			
2	2483.500	58.35	-7.37	50.98	54.00	-3.02	AVG			


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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 #1818	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/05/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: MID	Engineer Signature: PEI
Mode: TX 2462MHz	Distance:
Model: NS-15AT07	
Manufacturer: Yifang	

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	2483.500	66.56	-7.37	59.19	74.00	-14.81	peak			
2	2483.500	53.56	-7.37	46.19	54.00	-7.81	AVG			

5.1.8 Frequency Separation

RESULT:**Pass**

Date of testing : 2014-05-17
Test standard : FCC part 15.247(a)(1)
RSS-210 A8.1(b)
Basic standard : ANSI C63.4: 2003
Limit : $\geq 25\text{kHz}$ 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 : 25°C
Relative humidity : 52%
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	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.002	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.002	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

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5.1.9 Number of hopping frequency

RESULT:
Pass

Date of testing : 2014-05-17
 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 : 25°C
 Relative humidity : 52%
 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

5.1.10 Time of Occupancy

RESULT:**Pass**

Date of testing : 2014-05-17
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 : 25°C
Relative humidity : 52%
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 (ms)	Limit [ms]
BDR	DH1	2402	0.47	253	118.91	400
		2441	0.47	253	118.91	400
		2480	0.47	260	122.20	400
	DH3	2402	1.74	139	241.86	400
		2441	1.74	154	267.96	400
		2480	1.74	144	244.80	400
	DH5	2402	3.01	114	342.00	400
		2441	3.01	93	279.93	400
		2480	3.01	92	276.92	400
EDR	DH1	2402	0.47	248	116.56	400
		2441	0.47	257	120.79	400
		2480	0.47	250	117.50	400
	DH3	2402	1.74	143	248.82	400
		2441	1.74	151	262.74	400
		2480	1.74	141	245.34	400
	DH5	2402	3.01	112	337.12	400
		2441	3.01	96	288.96	400
		2480	3.01	92	276.92	400

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Date of testing : 2014-05-24
Test standard : FCC Part 15.207
RSS-210 Clause 2.6
Basic standard : ANSI C63.4: 2003
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.207
Table 4 of RSS-Gen
Kind of test site : Shield room

Test setup

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

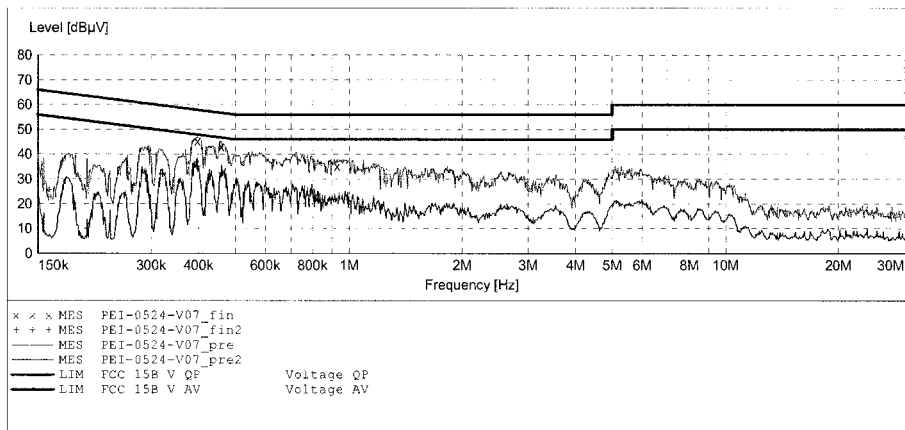
For details refer to following test plot.

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

EUT: MID M/N:NS-15AT07
 Manufacturer: Yifang
 Operating Condition: On with Bluetooth
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 5/24/2014 / 6:16:38PM

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-0524-V07_fin"

5/24/2014 6:24PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.397299	45.30	10.7	58	12.6	QP	L1	GND
0.458702	43.00	10.7	57	13.7	QP	L1	GND
0.929818	35.20	10.8	56	20.8	QP	L1	GND

MEASUREMENT RESULT: "PEI-0524-V07_fin2"

5/24/2014 6:24PM

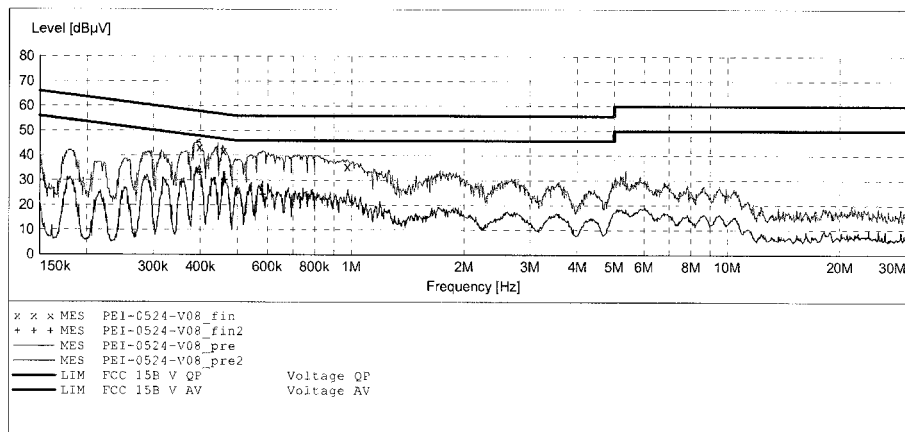
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.321537	32.00	10.6	50	17.7	AV	L1	GND
0.397299	35.00	10.7	48	12.9	AV	L1	GND
0.460537	32.30	10.7	47	14.4	AV	L1	GND

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

EUT: MID M/N:NS-15AT07
 Manufacturer: Yifang
 Operating Condition: On with Bluetooth
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 5/24/2014 / 6:25:54PM

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-0524-V08_fin"

5/24/2014 6:34PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.397299	43.40	10.7	58	14.5	QP	N	GND
0.458702	41.80	10.7	57	14.9	QP	N	GND
0.975445	35.60	10.8	56	20.4	QP	N	GND

MEASUREMENT RESULT: "PEI-0524-V08_fin2"

5/24/2014 6:34PM

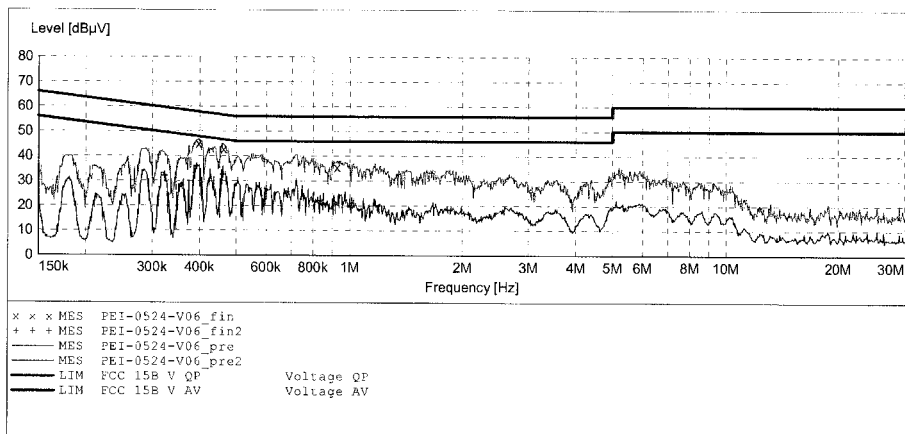
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.397299	33.10	10.7	48	14.8	AV	N	GND
0.462379	30.20	10.7	47	16.4	AV	N	GND
0.582846	24.20	10.7	46	21.8	AV	N	GND

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

EUT: MID M/N:NS-15AT07
 Manufacturer: Yifang
 Operating Condition: On with WiFi
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 5/24/2014 / 6:09:42PM

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-0524-V06_fin"

5/24/2014 6:15PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.397299	45.00	10.7	58	12.9	QP	L1	GND
0.462379	42.80	10.7	57	13.8	QP	L1	GND
0.926114	35.60	10.8	56	20.4	QP	L1	GND

MEASUREMENT RESULT: "PEI-0524-V06_fin2"

5/24/2014 6:15PM

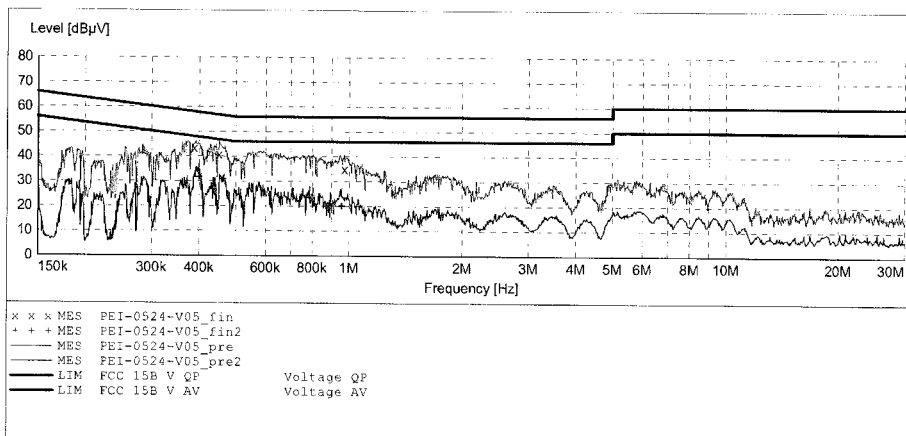
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.322823	32.00	10.6	50	17.6	AV	L1	GND
0.392569	35.80	10.7	48	12.2	AV	L1	GND
0.460537	32.50	10.7	47	14.2	AV	L1	GND

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

EUT: MID M/N:NS-15AT07
 Manufacturer: Yifang
 Operating Condition: On with WiFi
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 5/24/2014 / 6:01:48PM

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-0524-V05_fin"

5/24/2014 6:08PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.387896	43.40	10.7	58	14.7	QP	N	GND
0.451436	40.90	10.7	57	15.9	QP	N	GND
0.971558	35.00	10.8	56	21.0	QP	N	GND

MEASUREMENT RESULT: "PEI-0524-V05_fin2"

5/24/2014 6:08PM

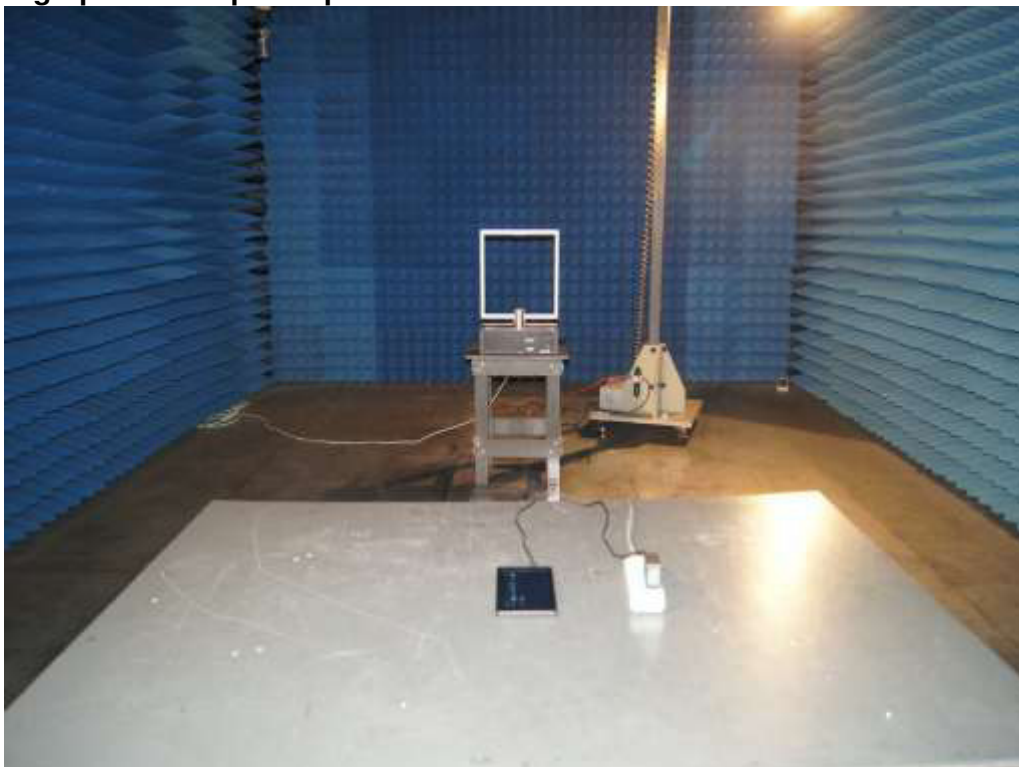
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.398888	31.60	10.7	48	16.3	AV	N	GND
0.462379	30.80	10.7	47	15.8	AV	N	GND
0.956168	20.10	10.8	46	25.9	AV	N	GND

6. Photographs of the Test Set-Up

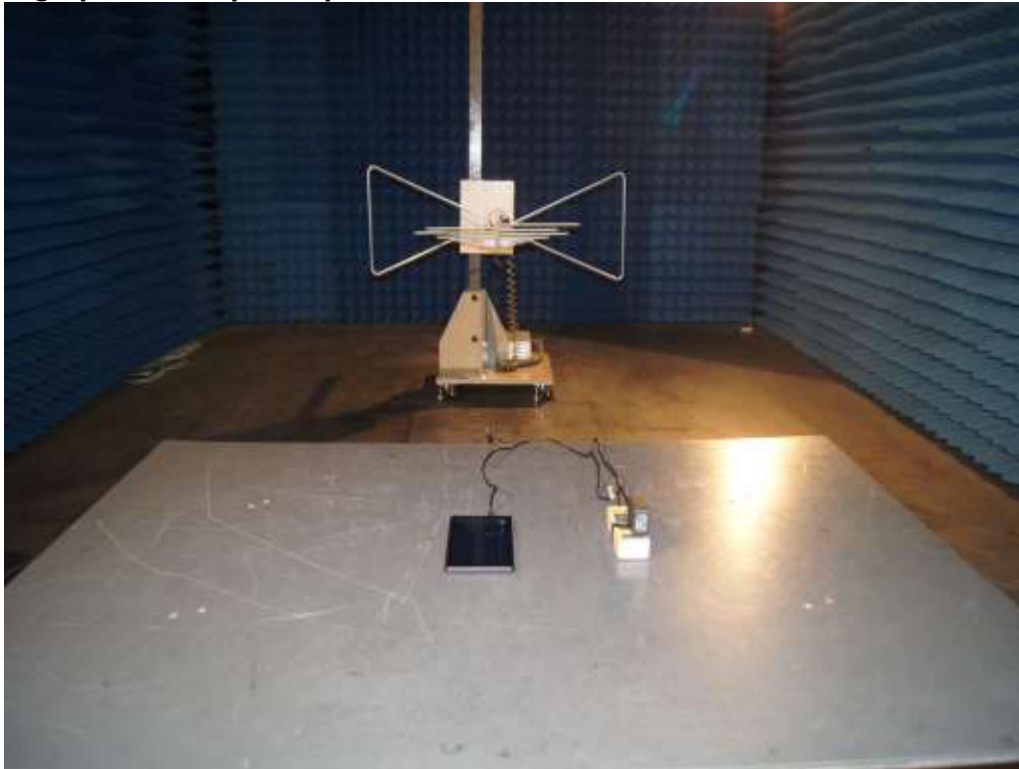
Photograph 1: Set-up for Conducted Emissions



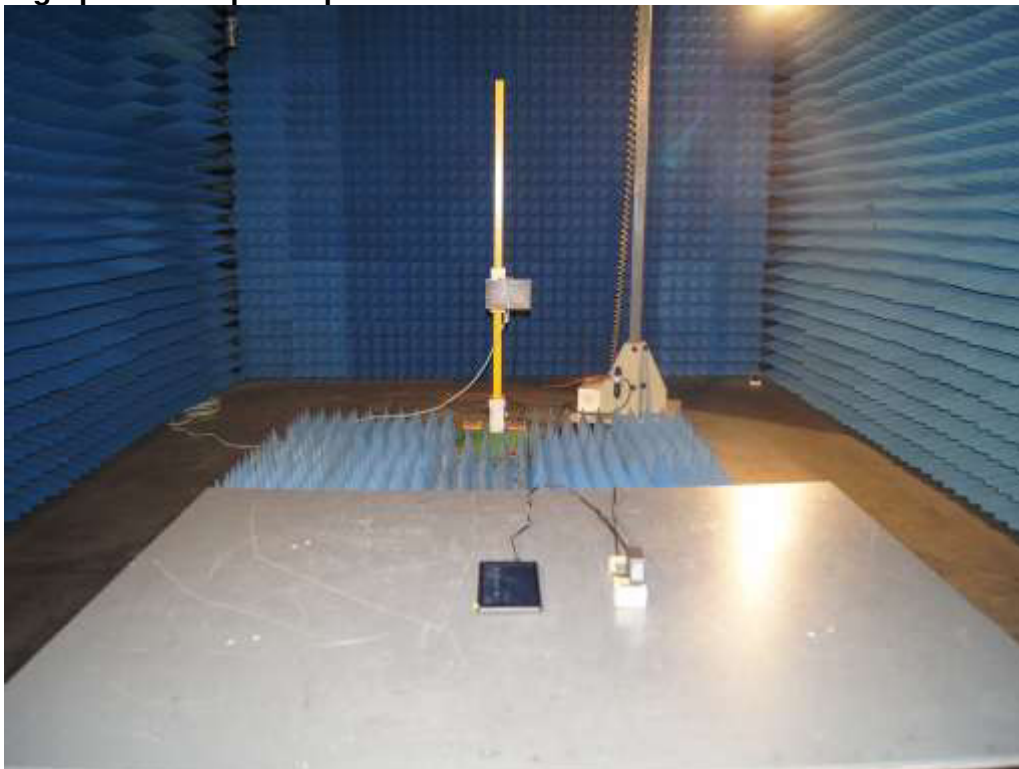
Photograph 2: Set-up for Spurious Emissions for below 30MHz



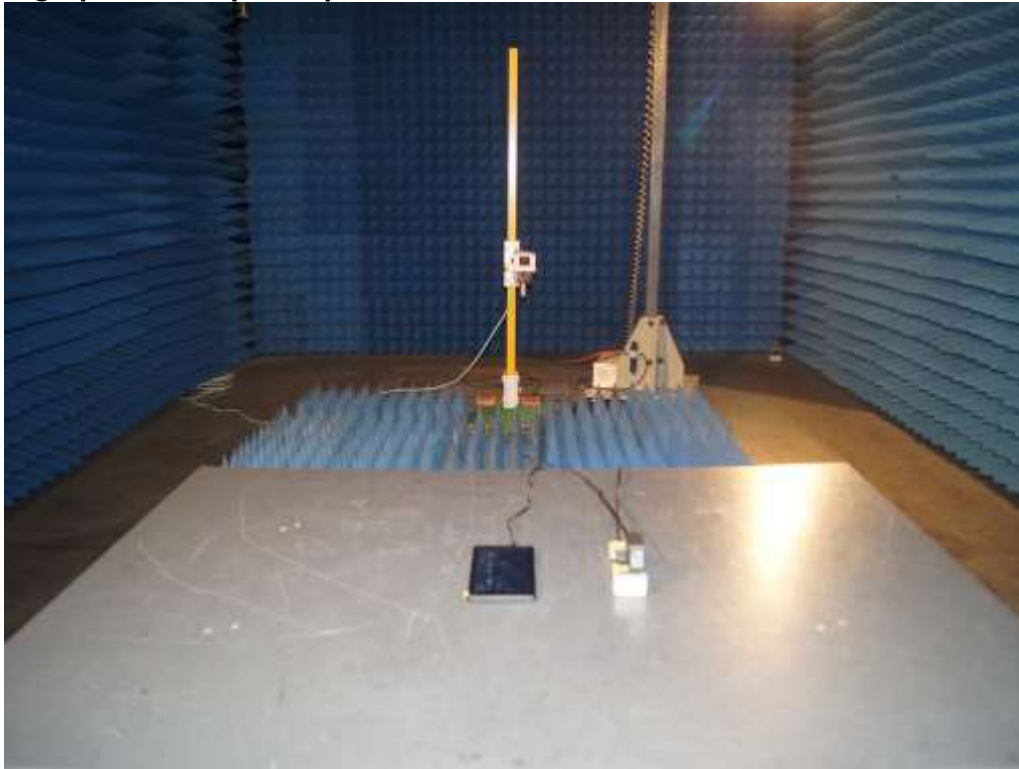
Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz



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



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



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