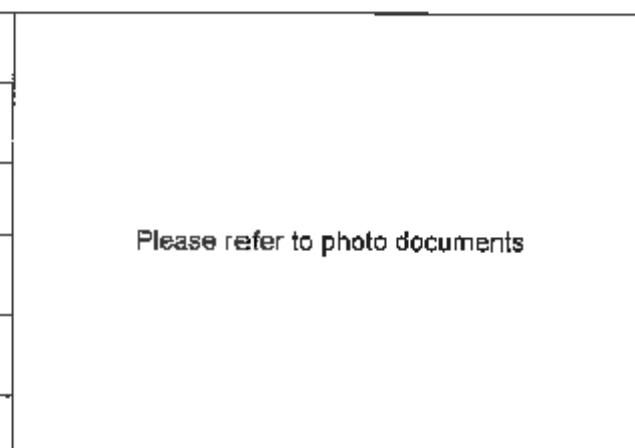
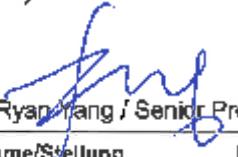


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Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date.:</i>	17.05.2016		
Auftraggeber: <i>Client:</i>	Binatone Electronics International Ltd. Floor 23A, 9 Des Voeux Road West, Sheung Wan, Hong Kong				
Prüfgegenstand: <i>Test item:</i>	Wi-Fi Baby Monitor System				
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	BabyNursery7 PU (motorola)				
Auftrags-Inhalt: <i>Order content:</i>	FCC and IC approval				
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FOC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 RSS-247 Issue 1 May 2015 RSS-Gen Issue 4 November 2014				
Wareneingangsdatum: <i>Date of receipt:</i>	24.05.2016	 Please refer to photo documents			
Prüfmuster-Nr.: <i>Test sample No.:</i>	1601078				
Prüfzeitraum: <i>Testing period:</i>	12.06.2016 - 30.06.2016				
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: 03.08.2016 Ryan Jiang / Senior Project Engineer 05.08.2016 Owen Tian / Technical Certifier			
Sonstiges / Other:					
Only evaluate the 2.4GHz Wi-Fi 802.11 b/g/n(HT20) function in this test report. FCC ID: VLJ-BN7PU IC: 4522A-BN7PU HVIN: BabyNursery7 PU					
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(fail) = entspricht nicht o.g. Prüfgrundlage(n) Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specifications(s) F(fail) = failed a.m. test specifications(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>					

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Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 CONDUCTED POWER SPECTRAL DENSITY

RESULT: Pass

5.1.4 6dB BANDWIDTH

RESULT: Pass

5.1.5 99% BANDWIDTH

RESULT: Pass

5.1.6 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.8 CONDUCTED EMISSION ON AC MAINS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

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

Appendix C: Test Results of Wi-Fi 802.11b/g/n(HT20) of Conducted Testing

Appendix D: Test Results of Wi-Fi 802.11b/g/n(HT20) of Radiated Testing

2 Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan Shenzhen, 518057, P.R. China

FCC Registration No.: 752051

Test site Industry Canada No.: 5077A-2

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

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2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment
Accurate Technology Co., Ltd.

Radio Spectrum Test				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Spectrum Analyzer	R&S	ESPI3	100396/003	09.01.2017
Spectrum Analyzer	Agilent	E7405A	MY45115511	09.01.2017
Temp. & Humid. Chamber	Gongwen	HSD-500	0109	09.01.2017
Spurious Emission				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Spectrum Analyzer	R&S	FSV40	101495	01.01.2017
Test Receiver	R&S	ESCS30	100307	01.01.2017
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	01.01.2017
Loop Antenna	Schwarzbeck	FMZB1516	1516131	01.01.2017
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	01.01.2017
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	01.01.2017
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	01.01.2017
Pre-Amplifier	R&S	CBLU11835 40-01	3791	01.01.2017
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	01.01.2017
RF Coaxial Cable	SUHNER	N-3m	No.8	01.01.2017
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	01.01.2017
RF Coaxial Cable	SUHNER	N-6m	No.10	01.01.2017
RF Coaxial Cable	RESENBERGER	N-12m	No.11	01.01.2017
50_ Coaxial Switch	Anritsu Corp	MP59B	6200283933	09.01.2017
Conducted Emission on AC Mains				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
Test Receiver	R&S	ESCI	26115-010-0027	17.05.2017
L.I.S.N.	R&S	ENV216	101161	17.05.2017
50Ω Coaxial Switch	Anritsu	MP59B	6100175589	17.05.2017

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, 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

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Item	Extended Uncertainty	
Conducted Emission	$\pm 2.0 \text{ dB}$	
Radiated Emission (9kHz-30MHz)	Field strength (dB μ V/m)	$U=3.08\text{dB}, k=2, \sigma=95\%$
Radiated Emission (30-1000MHz)	Field strength (dB μ V/m)	$U=4.42\text{dB}, k=2, \sigma=95\%$
Radiated Emission (above 1000MHz)	Field strength (dB μ V/m)	$U=4.06\text{dB}, k=2, \sigma=95\%$
Radio Spectrum	$\pm 0.60 \text{ dB}$	

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix C & D of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The Accurate Technology Co., Ltd. Test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan Shenzhen, 518057, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The EUT is a Wi-Fi Baby Monitor System (BabyNursery7) device, it contains a parent unit(BabyNursery7 PU) and a baby unit(BabyNursery7 BU). The PU supports general 2.4GHz and Wi-Fi 802.11 b/g/n(HT20) wireless technology.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	
Kind of Equipment	Wi-Fi Baby Monitor System
Type Designation	BabyNursery7 PU
Trade Mark	motorola
FCC ID	VLJ-BN7PU
IC / HVIN	4522A-BN7PU / BabyNursery7 PU
Operating Temperature Range	0 °C ~ +45 °C
Operating Voltage	DC 5.0V 1500mA input via AC/DC adapter DC 3.8V via internal rechargeable lithium battery
Testing Voltage	AC 120V, 60Hz
AC/DC Adapter	Model: S012BEU0500150 Input: AC 100-240V~50/60Hz, 500mA Output: DC 5.0V~1500mA
Technical Specification of general 2.4GHz wireless	
Operating Frequency	2402 - 2477 MHz
Type of Modulation	GFSK
Channel Number	22 channels
Channel Separation	2 MHz / 5 MHz
Antenna Type / Gain	Integral Antenna / 0 dBi
Technical Specification of Wi-Fi 802.11 b/g/n(HT20)	
Operating Frequency	2412 - 2462 MHz for 802.11b/g/n(HT20)
Type of Modulation	DSSS(DBPSK/DQPSK/CCK) OFDM(BPSK/QPSK/16QAM/64QAM)
Data Rate	1/2/5.5/11 Mbps for 802.11b 6/9/12/18/24/36/48/54 Mbps for 802.11g MCS0 ~ MCS7 Mbps for 802.11n(HT20)
Channel Number	11 channels for 802.11b/g/n(HT20)
Channel Separation	5 MHz
Antenna Type / Gain	Integral Antenna / 0 dBi

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Page 8 of 21**Table 3: RF Channel and Frequency of Wi-Fi 802.11 b/g/n(HT20)**

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437	/	/

Remark:

Test frequencies are lowest channel: 2412 MHz, middle channel: 2437 MHz and highest channel: 2462 MHz for 802.11b/g/n(HT20)

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wi-Fi transmitting
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. On, , Wi-Fi transmitting with AD/DC adapter
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- Application Form
- Block Diagram
- FCC/IC Label and Location Info
- Operation Description
- User Manual
- Parts List
- PCB Layout
- Photo Document
- Schematics

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the 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 C63.10: 2013.

According to clause 3.1, all tests were performed on model BabyNursery7 PU in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Notebook PC	Lenovo	ThinkPad X240	N/A	N/A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

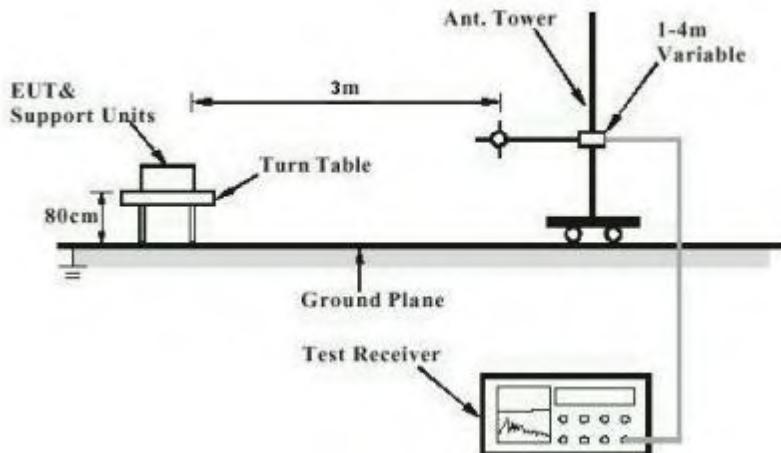
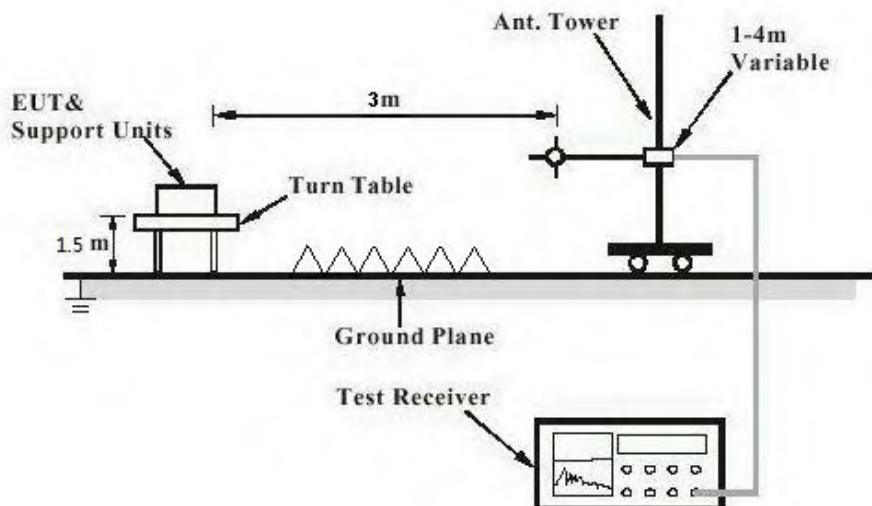
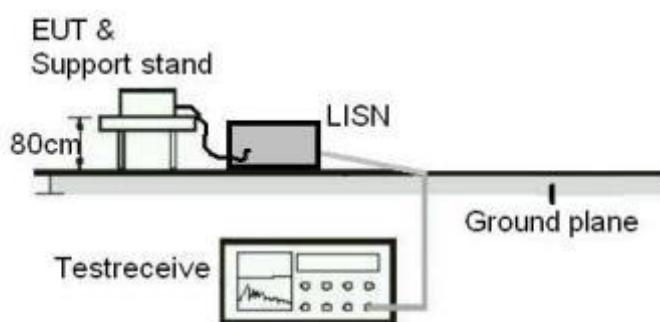
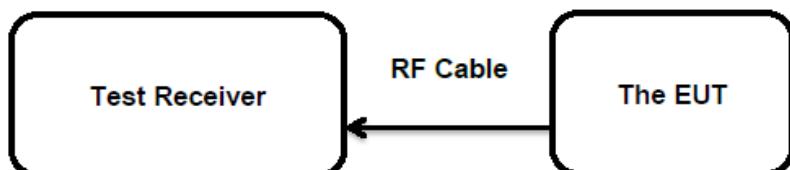


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)



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Test Report No.Seite 11 von 21
Page 11 of 21**Diagram of Measurement Configuration for Mains Conduction Measurement****Diagram of Measurement Configuration for Conducted Transmitter Measurement**

5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT: Pass

Test Specification

Test standard : FCC Part 15.247(b)(4) and Part 15.203

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 0 dBi, 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.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

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5.1.2 Maximum Peak Conducted Output Power

RESULT:
Pass
Test Specification

Test standard	:	FCC Part 15.247(b)(3)
		RSS-247 Clause 5.4(4)
Basic standard	:	ANSI C63.10: 2013
Limits	:	< 1.0 Watts
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.06.2016
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 5: Test Result of Maximum Peak Conducted Output Power, PU Unit

Test Mode	Data Rate	Frequency (MHz)	Measured Power		Limit
			dBm	W	
802.11b	1 Mbps	2412	16.10	0.04074	< 1W(30dBm)
		2437	12.50	0.01778	
		2462	10.80	0.01202	
802.11g	6 Mbps	2412	16.50	0.04467	< 1W(30dBm)
		2437	13.00	0.01995	
		2462	10.60	0.01148	
802.11n (HT20)	MCS0 Mbps	2412	17.40	0.05495	< 1W(30dBm)
		2437	13.20	0.02089	
		2462	10.60	0.01148	
Maximum Measured Value			17.40	0.05495	

Note: The cable loss is taken into account in results.

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5.1.3 Conducted Power Spectral Density

RESULT:
Pass
Test Specification

Test standard	:	FCC Part 15.247(e) RSS-247 Clause 5.2(2)
Basic standard	:	ANSI C63.10: 2013
Limits	:	8 dBm / 3kHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.06.2016
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 6: Test Result of Power Spectral Density, PU Unit

Test Mode	Data Rate	Frequency (MHz)	Measured Peak Power Spectral Density (dBm/3KHz)
802.11b	1 Mbps	2412	-6.32
		2437	-6.31
		2462	-6.24
802.11g	6 Mbps	2412	-11.34
		2437	-10.97
		2462	-10.41
802.11n (HT20)	MCS0 Mbps	2412	-13.32
		2437	-13.12
		2462	-13.40
Maximum Measured Value			-6.240

Note: The cable loss is taken into account in results.

For the measurement records, refer to the appendix C.

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5.1.4 6dB Bandwidth

RESULT:

Pass

Test Specification

Test standard	:	FCC Part 15.247(a)(2)
		RSS-247 Clause 5.2(1)
Basic standard	:	ANSI C63.10: 2013
Limits	:	> 500 KHz
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	30.06.2016
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 7: Test Result of 6dB Bandwidth, PU Unit

Test Mode	Data Rate	Frequency (MHz)	-6dB Bandwidth (MHz)	Limit (kHz)
802.11b	1 Mbps	2412	12.156	> 500
		2437	16.585	
		2462	16.498	
802.11g	6 Mbps	2412	16.585	> 500
		2437	16.585	
		2462	16.498	
802.11n (HT20)	MCS0 Mbps	2412	17.756	> 500
		2437	17.756	
		2462	17.670	
Minimum Measured Value			12.16	

Note: The cable loss is taken into account in results.

For the measurement records, refer to the appendix C.

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5.1.5 99% Bandwidth

RESULT:
Pass
Test Specification

Test standard	:	RSS-Gen Clause 6.6
Basic standard	:	ANSI C63.10: 2013
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.06.2016
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 8: Test Result of 99% Bandwidth, PU Unit

Test Mode	Data Rate	Frequency (MHz)	99% Bandwidth (MHz)	Limit (kHz)
802.11b	1 Mbps	2412	15.109	/
		2437	15.109	
		2462	14.891	
802.11g	6 Mbps	2412	16.411	/
		2437	16.411	
		2462	16.411	
802.11n (HT20)	MCS0 Mbps	2412	17.540	/
		2437	17.496	
		2462	17.453	
Maximum Measured Value			17.54	

Note: The cable loss is taken into account in results.

For the measurement records, refer to the appendix C.

Prüfbericht - Nr.: 50049979 002
*Test Report No.*Seite 17 von 21
Page 17 of 21**5.1.6 Conducted Spurious Emissions Measured in 100 kHz Bandwidth****RESULT:****Pass****Test Specification**

Test standard	:	FCC Part 15.247(d) RSS-247 Clause 5.5
Basic standard	:	ANSI C63.10: 2013
Limits	:	20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power); In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a)
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	28.06.2016
Input voltage	:	AC 120V, 60Hz
Operation mode	:	
Test channel	:	Low / Middle / High
Ambient temperature	:	25 °C
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to following test plot, and compliance is achieved as well.

For the measurement records, refer to the appendix C.

Prüfbericht - Nr.: 50049979 002
*Test Report No.*Seite 18 von 21
Page 18 of 21**5.1.7 Radiated Spurious Emission****RESULT:****Pass****Test Specification**

Test standard	:	FCC Part 15.247(d) & FCC Part 15.205 RSS-247 Clause 3.3
Basic standard	:	ANSI C63.10: 2013
Limits	:	Refer to 15.209(a) of FCC part 15.247(d) RSS-Gen Table 4 & Table 5
Kind of test site	:	3m Semi-anechoic Chamber

Test Setup

Date of testing	:	27.06.2016 & 28.06.2016
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	24 °C
Relative humidity	:	48 %
Atmospheric pressure	:	101 kPa

Remark:

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test set-up photos.

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to following test plot, and compliance is achieved as well.

Testing was carried out within frequency range 9kHz to the tenth harmonics.

For the measurement records, refer to the appendix D.

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Page 19 of 21**5.1.8 Conducted Emission on AC Mains****RESULT:****Pass****Test Specification**

Test standard	:	FCC Part 15.207(a) RSS-Gen Clause 8.8
Basic standard	:	ANSI C63.10: 2013
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a) RSS-Gen Table 3
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	29.06.2016
Input voltage	:	AC 120V, 60Hz
Operation mode	:	B
Earthing	:	Not connected
Ambient temperature	:	24 °C
Relative humidity	:	53 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix D.

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6 Photographs of the Test Set-Up

Photograph 1: Set-up for Radio Spectrum Test

Please refer to TÜV Rheinland report 50049979 001 for more details.

Photograph 2: Set-up for Radiated Spurious Emission (9kHz ~ 30MHz)

Please refer to TÜV Rheinland report 50049979 001 for more details.

Photograph 3: Set-up for Radiated Spurious Emission (30MHz~1GHz)

Please refer to TÜV Rheinland report 50049979 001 for more details.

Photograph 4: Set-up for Radiated Spurious Emission (1GHz ~ 18GHz)

Please refer to TÜV Rheinland report 50049979 001 for more details.

Photograph 5: Set-up for Radiated Spurious Emission (18GHz ~ 26GHz)

Please refer to TÜV Rheinland report 50049979 001 for more details.

Photograph 6: Set-up for Conducted Emission on AC Mains

Please refer to TÜV Rheinland report 50049979 001 for more details.

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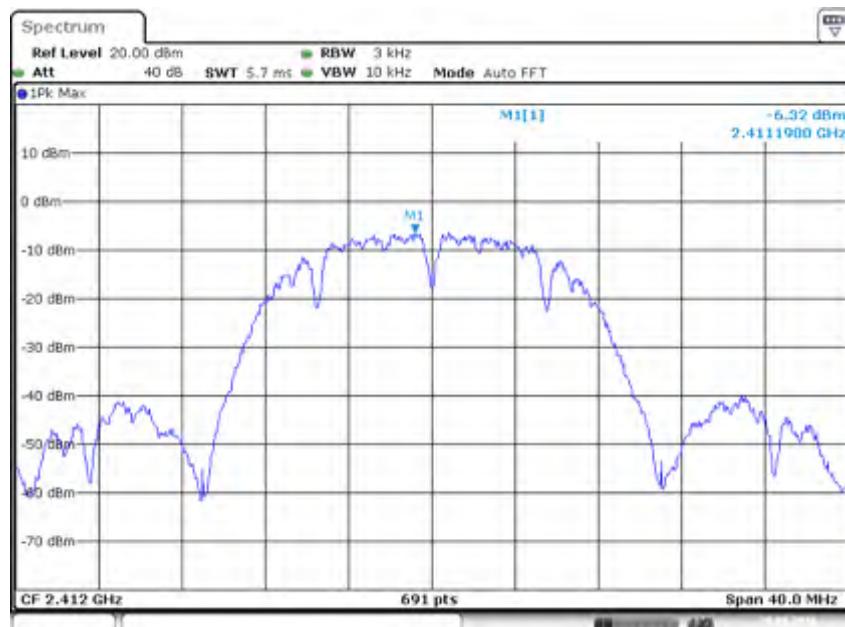
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Test Results of Wi-Fi 802.11b/g/n(HT20) of Conducted Testing

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Appendix C.1: Conducted Power Spectral Density

Wi-Fi 802.11 b mode, 1 Mbps



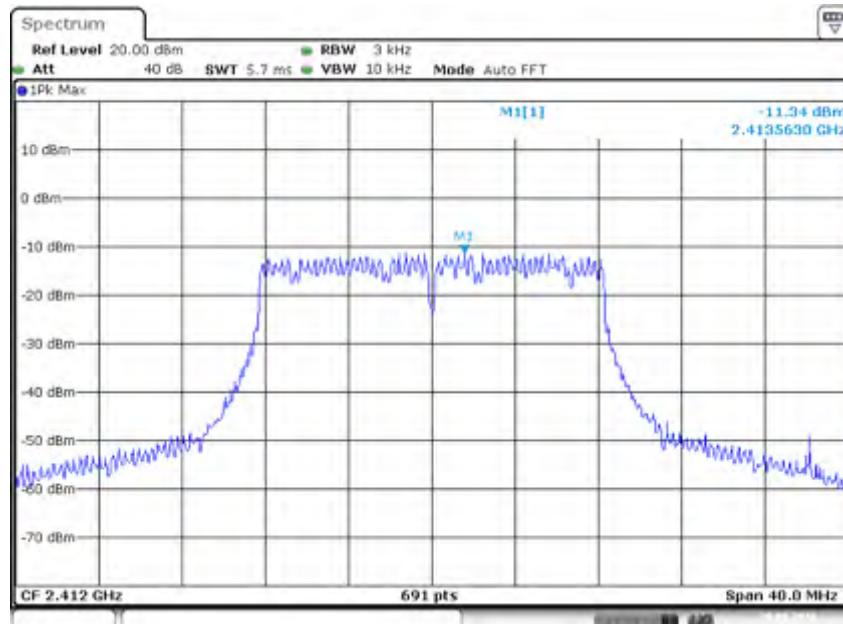
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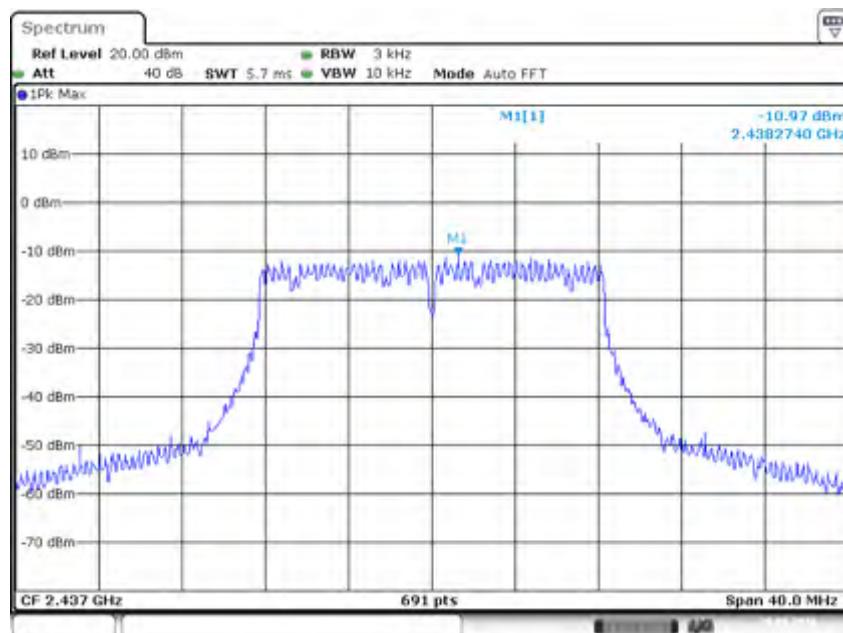
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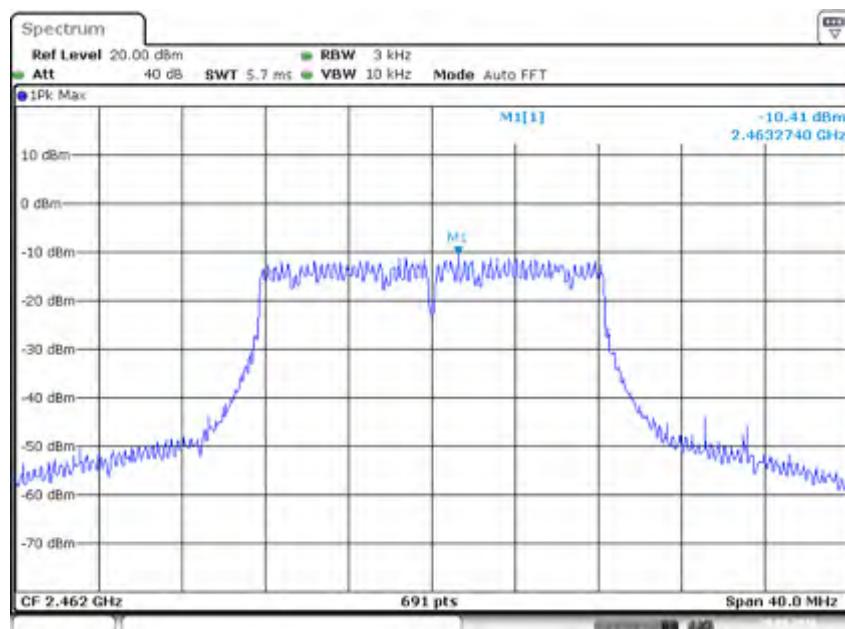
Wi-Fi 802.11 g mode, 6 Mbps



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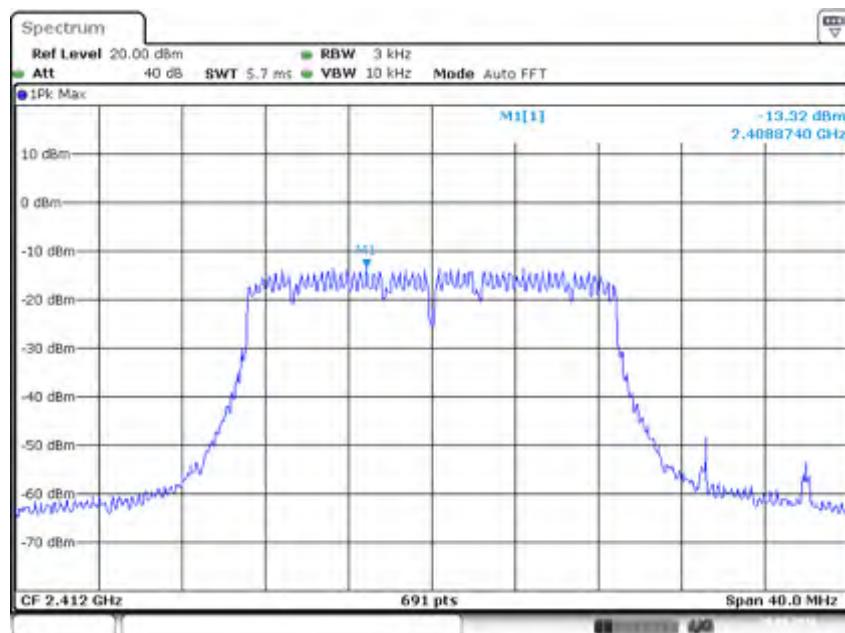


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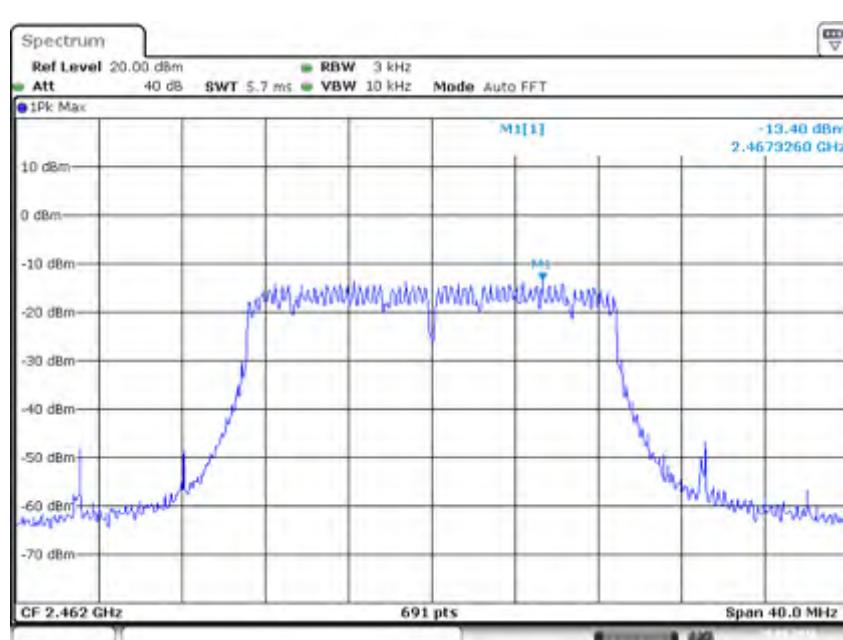
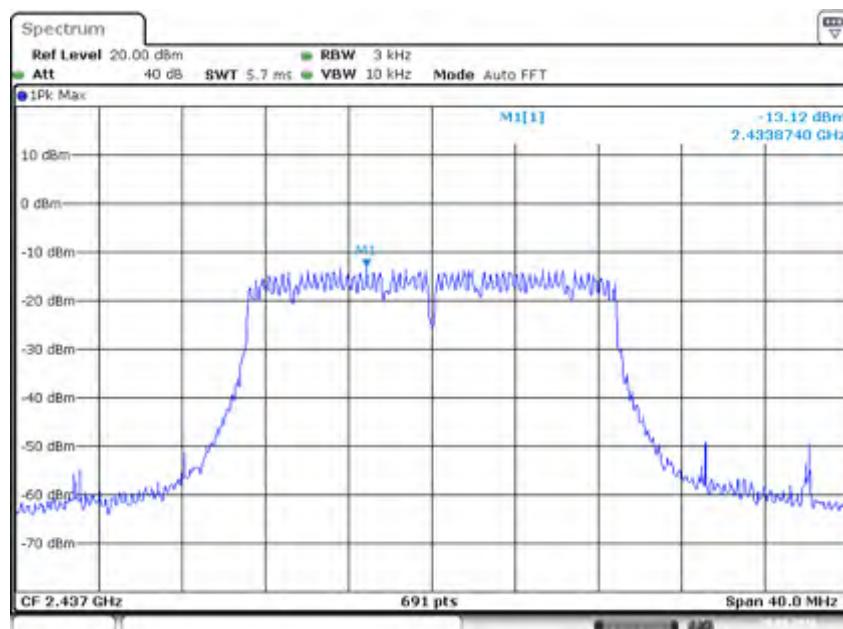


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Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps

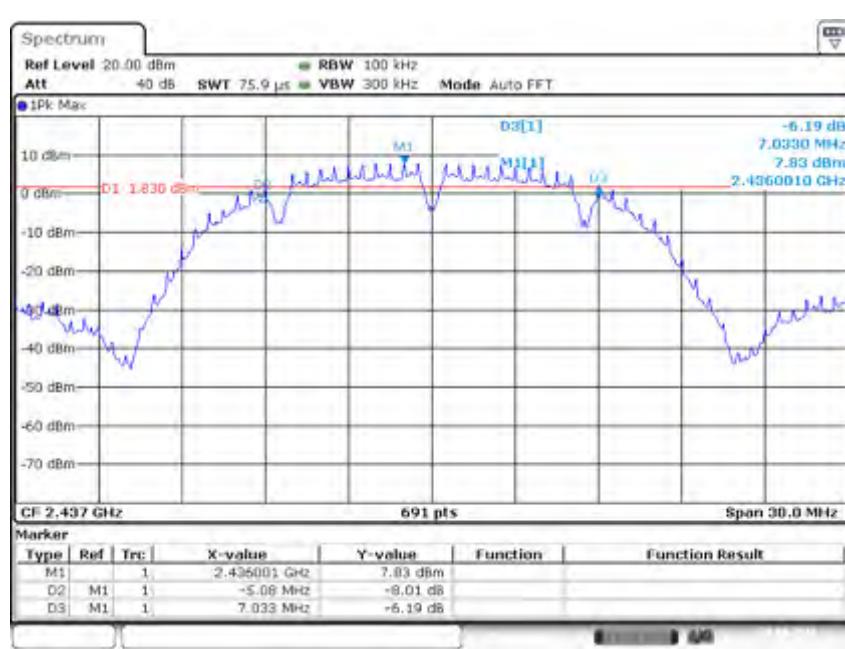
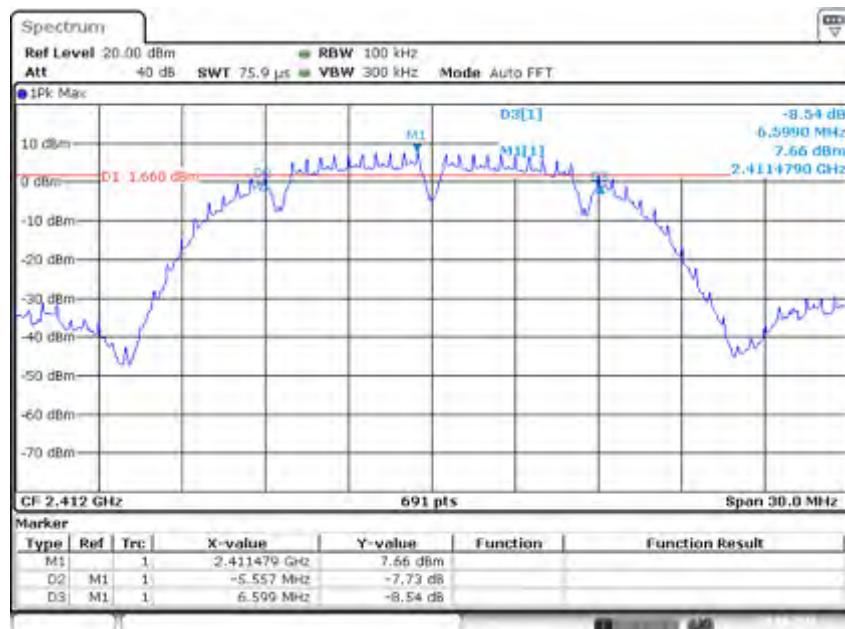


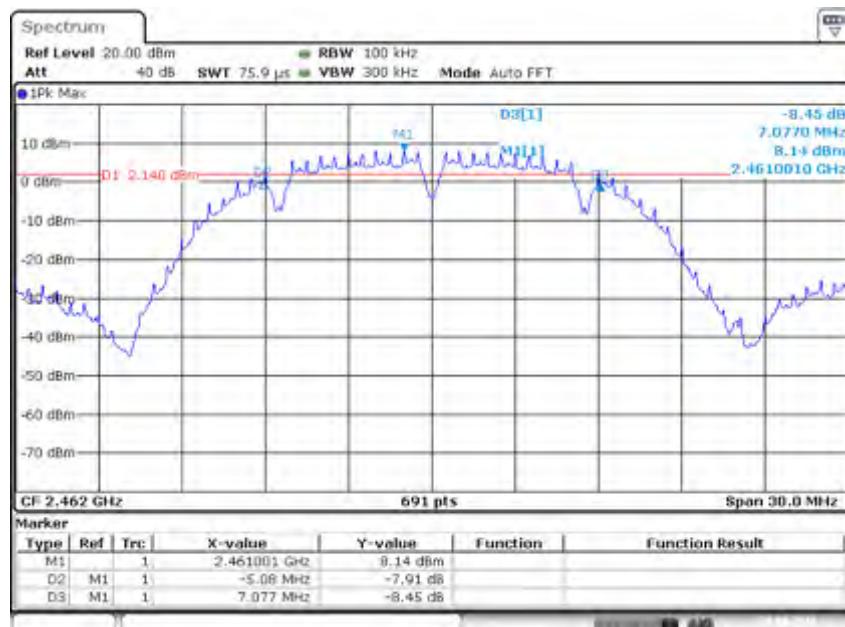
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Appendix C.2: 6dB Bandwidth

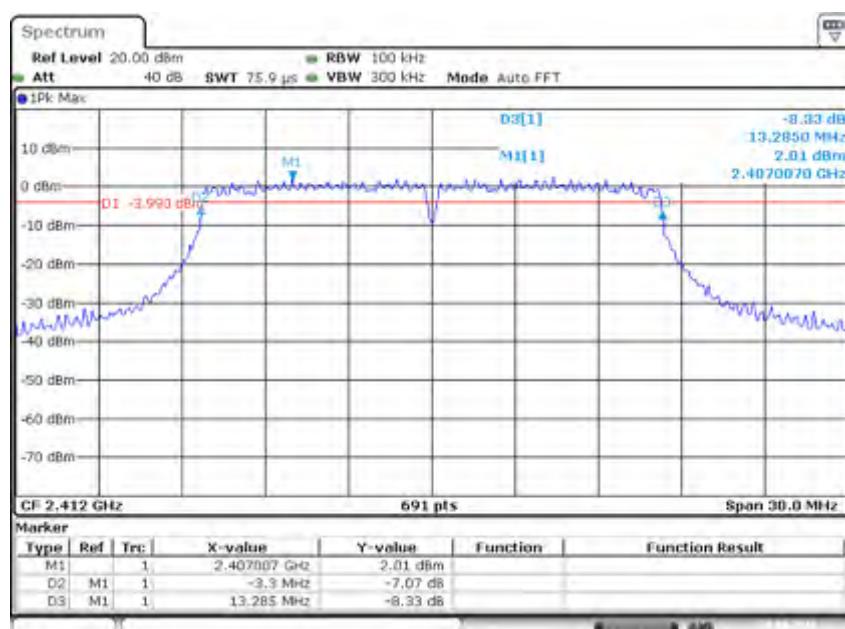
Wi-Fi 802.11 b mode, 1 Mbps



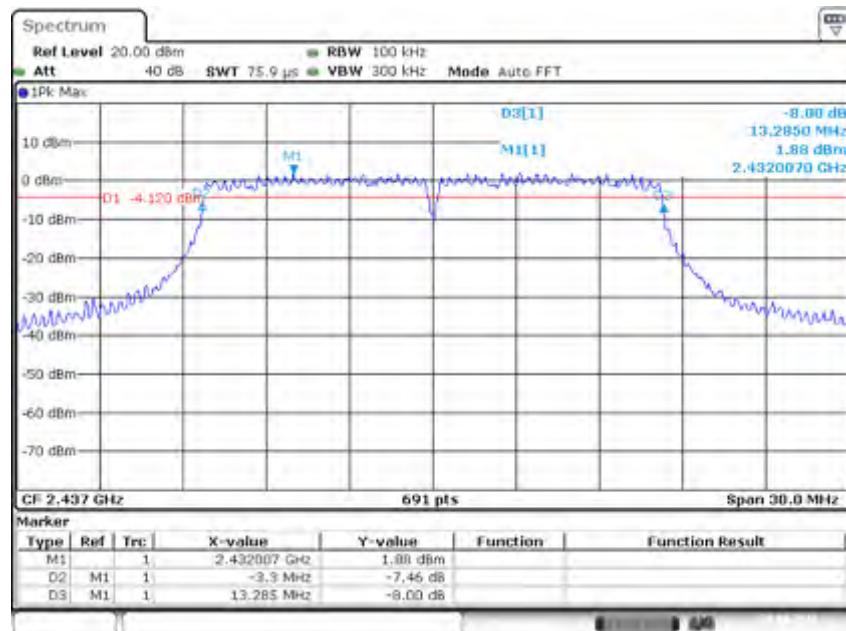


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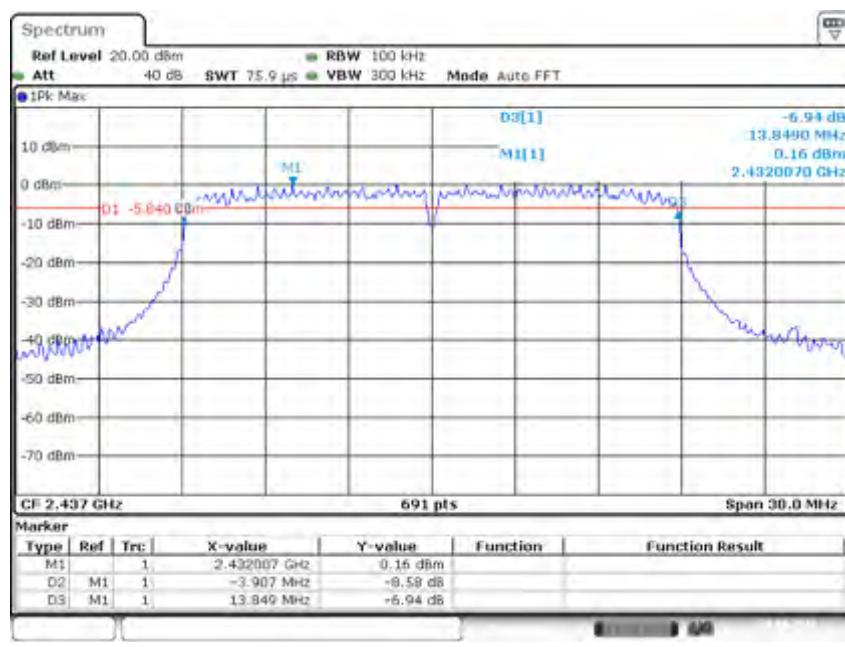
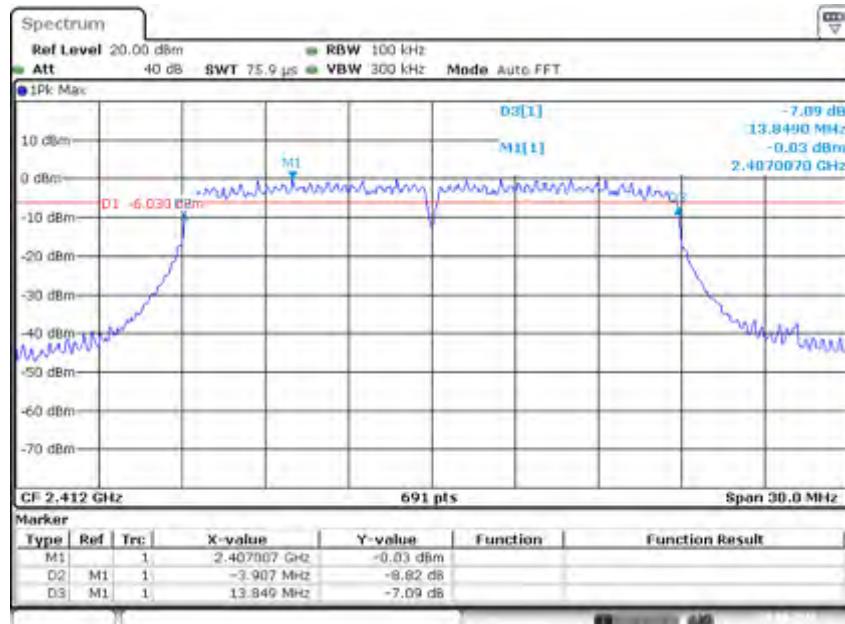
Wi-Fi 802.11 g mode, 6 Mbps

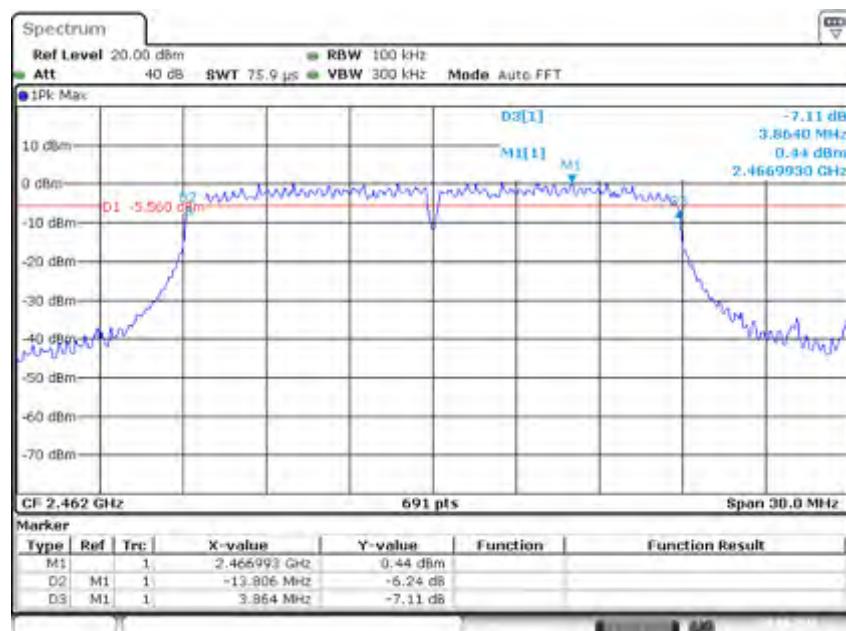


Date: 30.JUN.2016 12:59:29



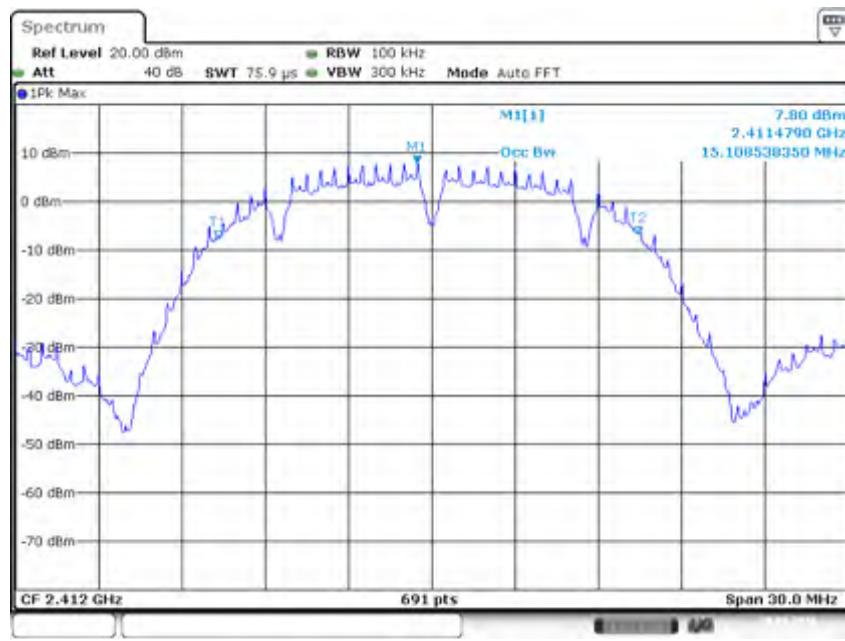
Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps



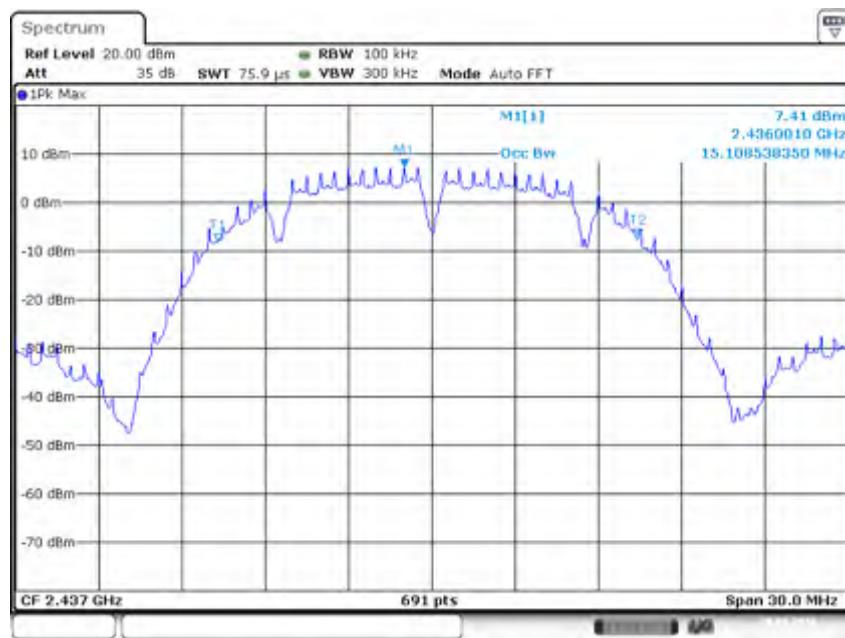


Appendix C.3: 99% Bandwidth

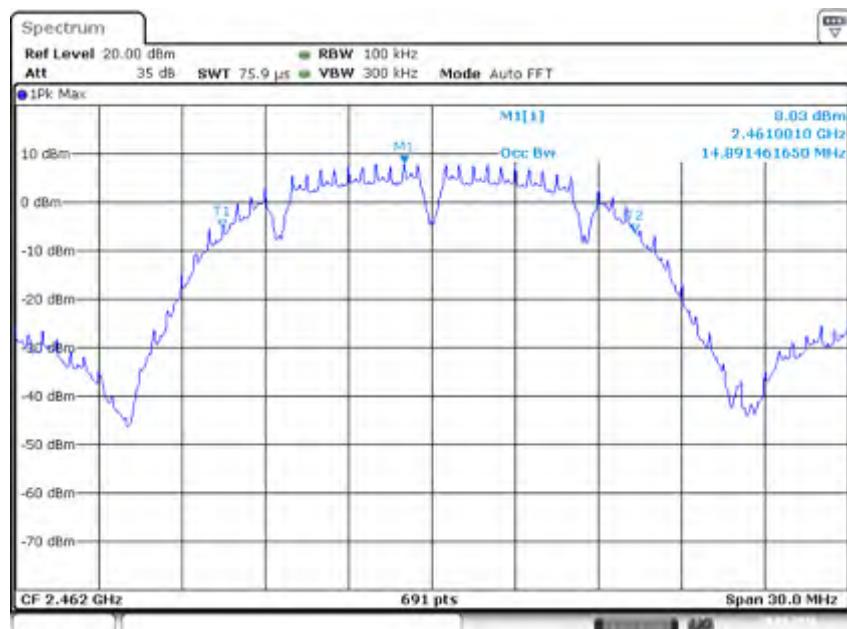
Wi-Fi 802.11 b mode, 1 Mbps



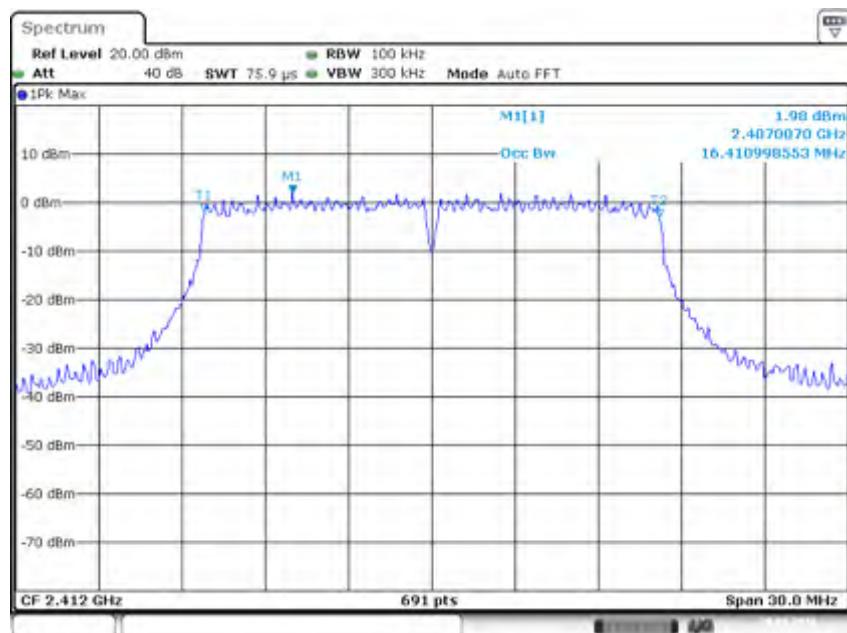
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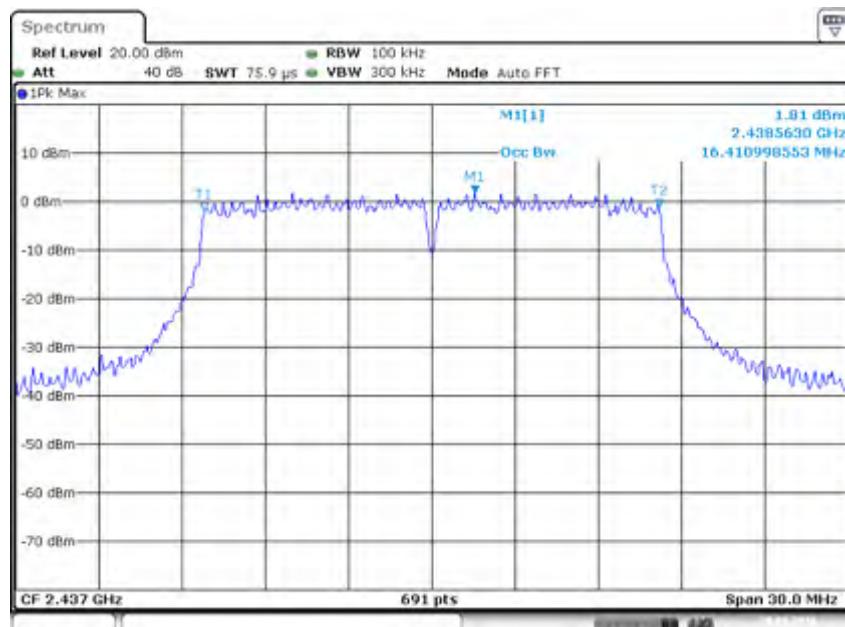


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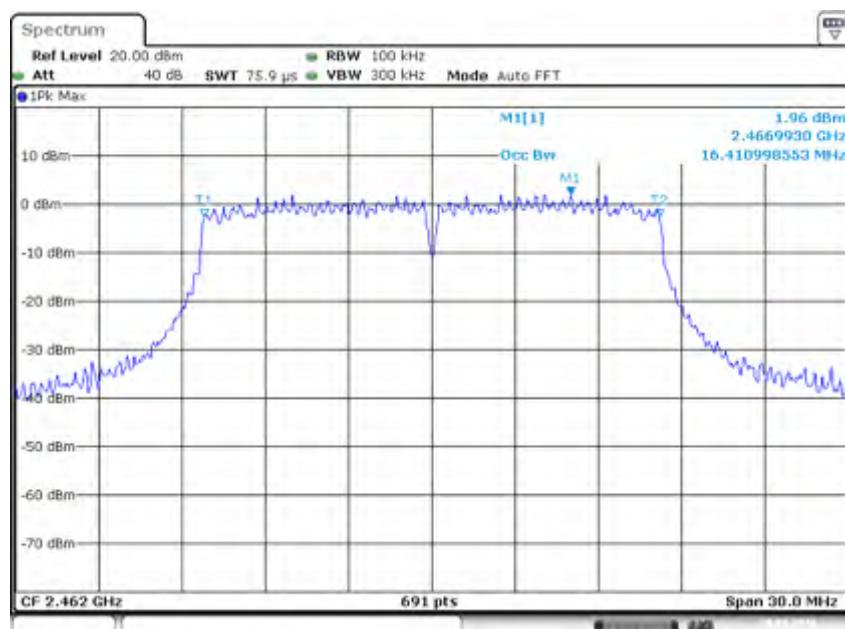


Wi-Fi 802.11 g mode, 6 Mbps



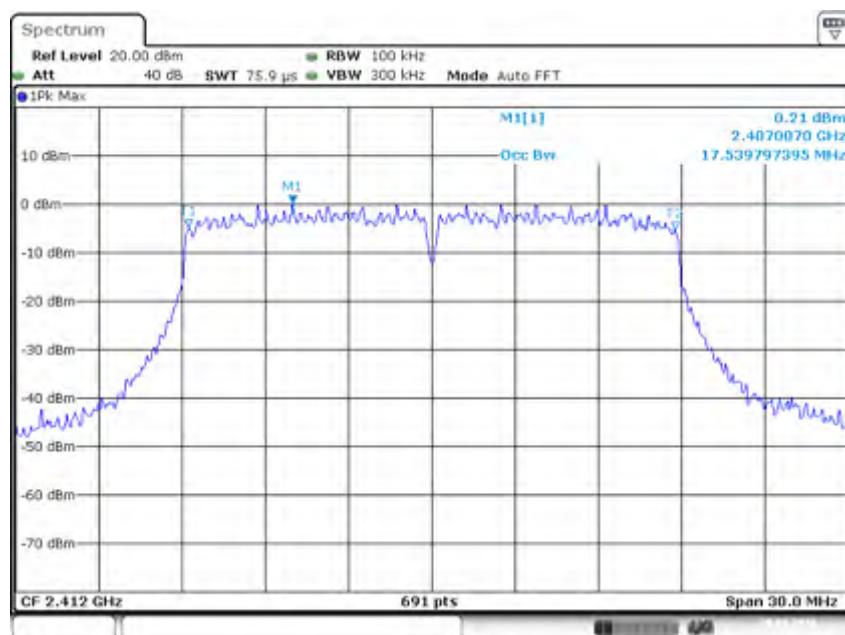


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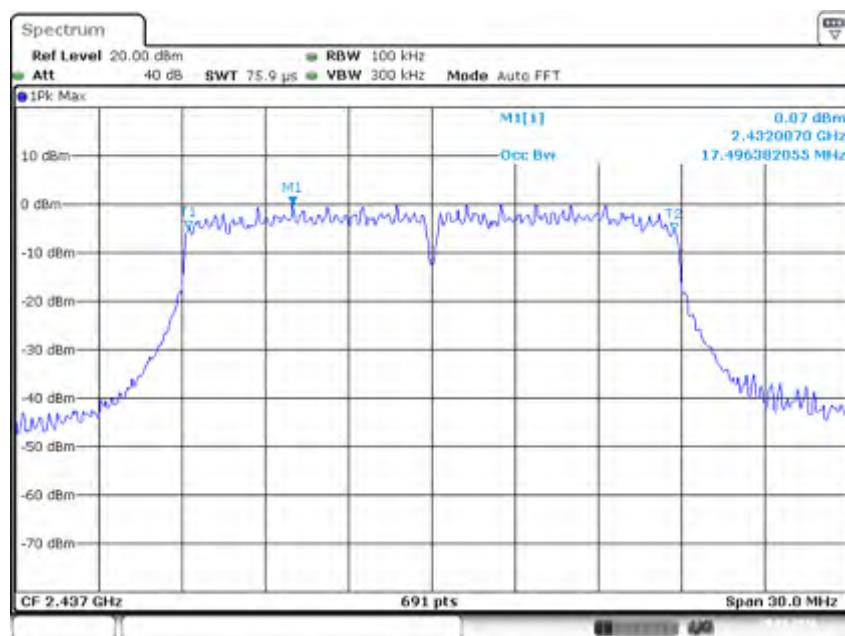


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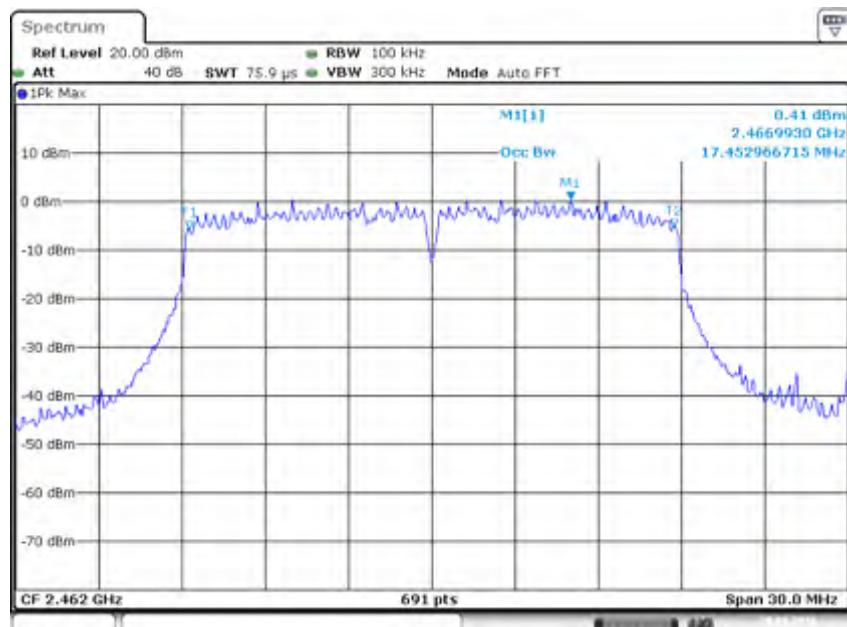
Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps



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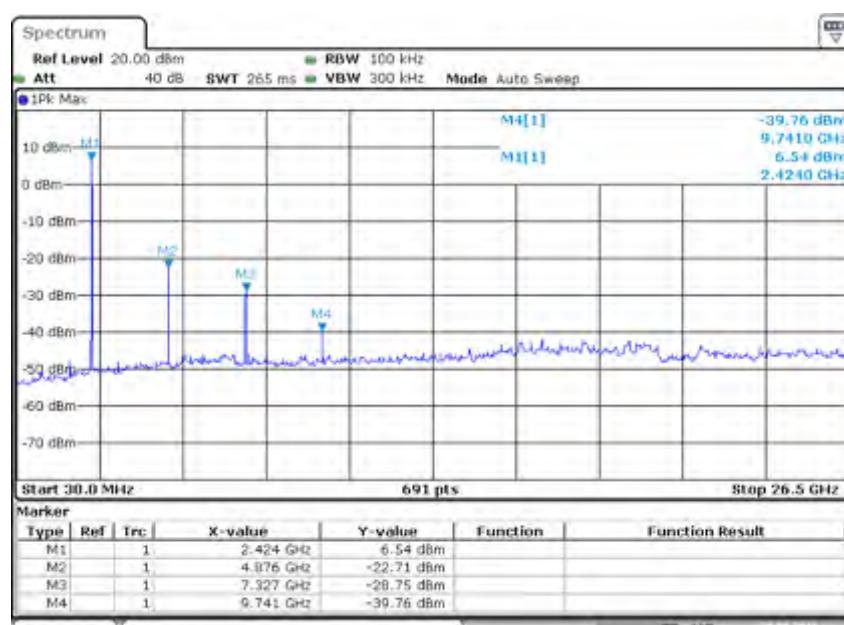
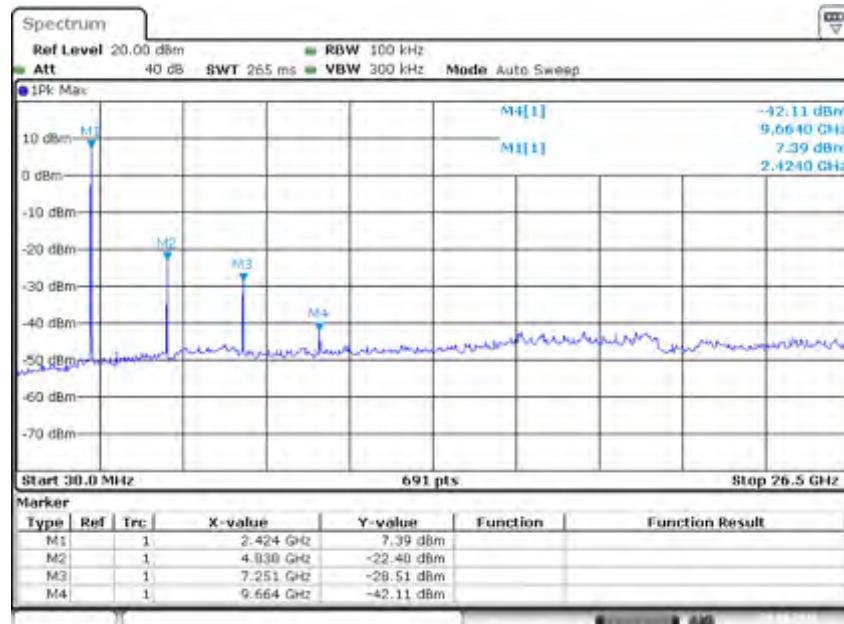


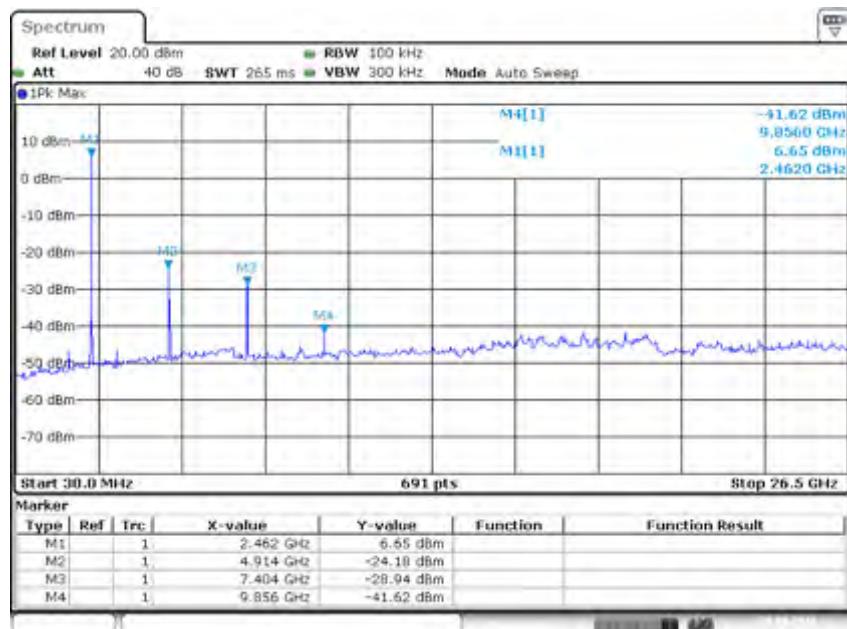
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Appendix C.4: Conducted Spurious Emissions Measured in 100 kHz Bandwidth

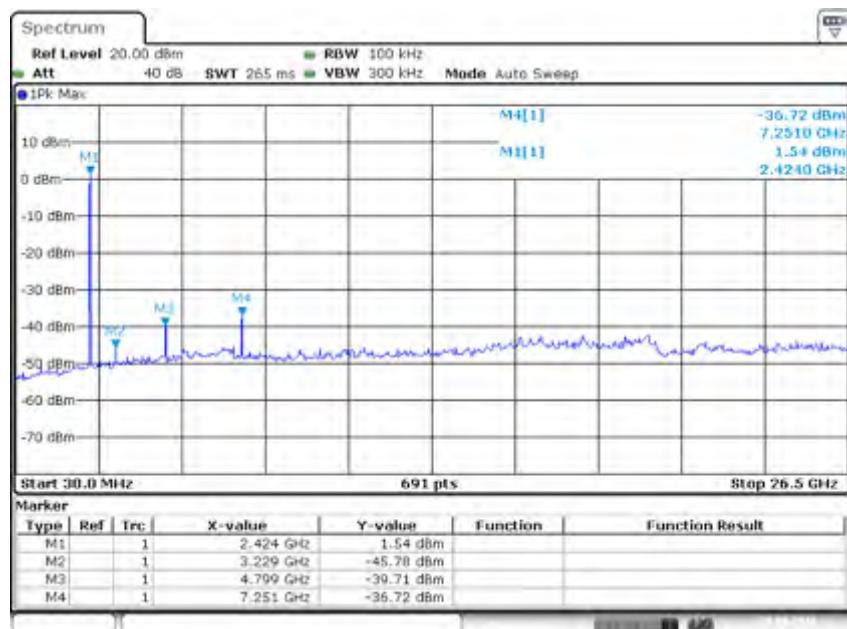
Wi-Fi 802.11 b mode, 1 Mbps



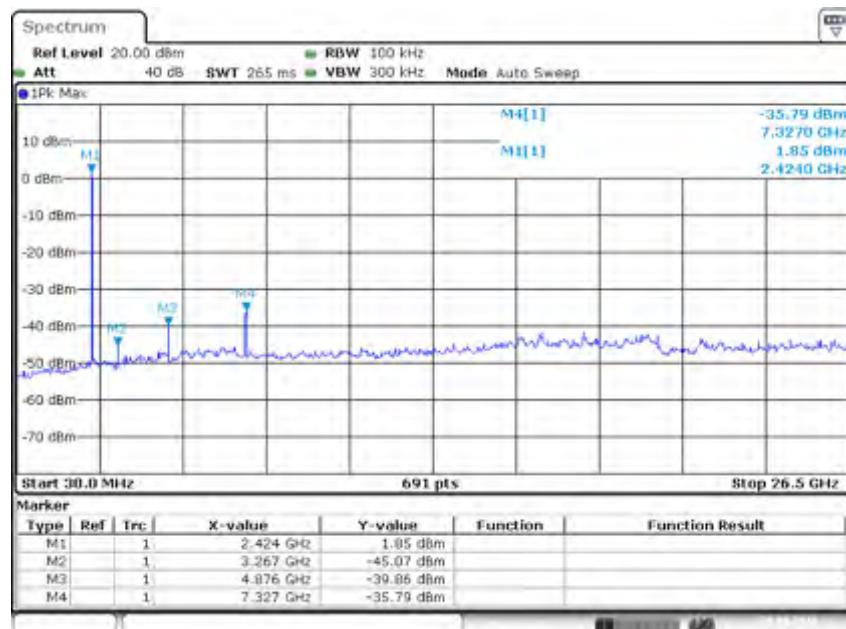


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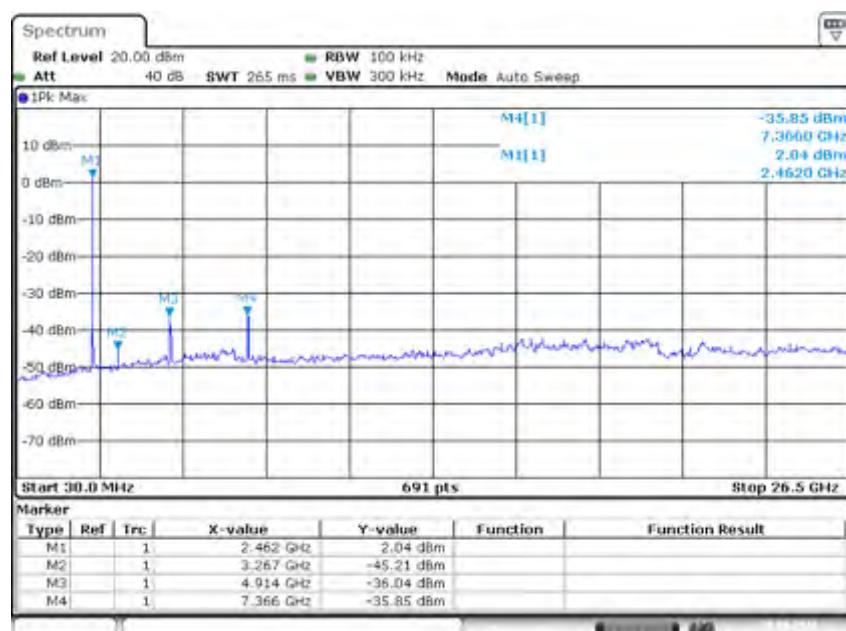
Wi-Fi 802.11 g mode, 6 Mbps



Date: 30.JUN.2016 12:47:20

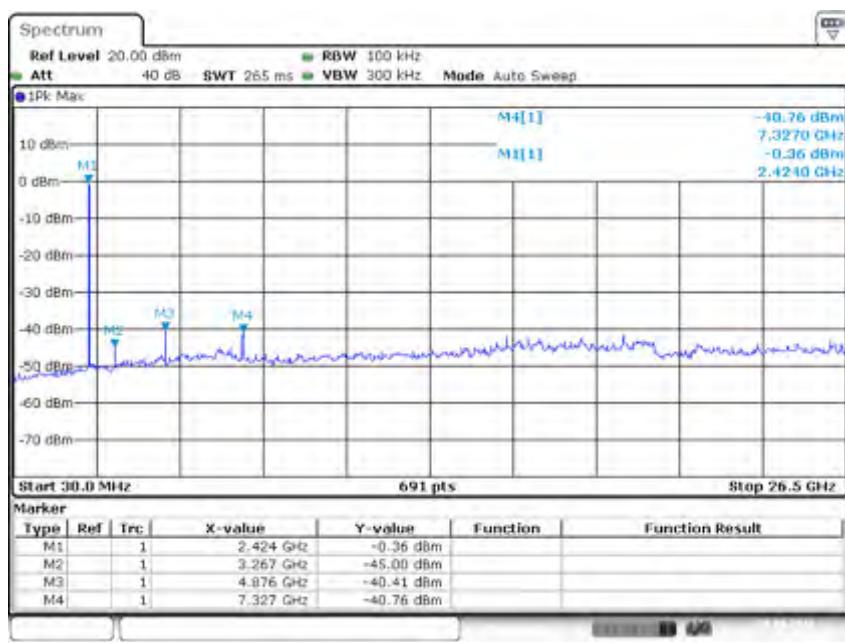
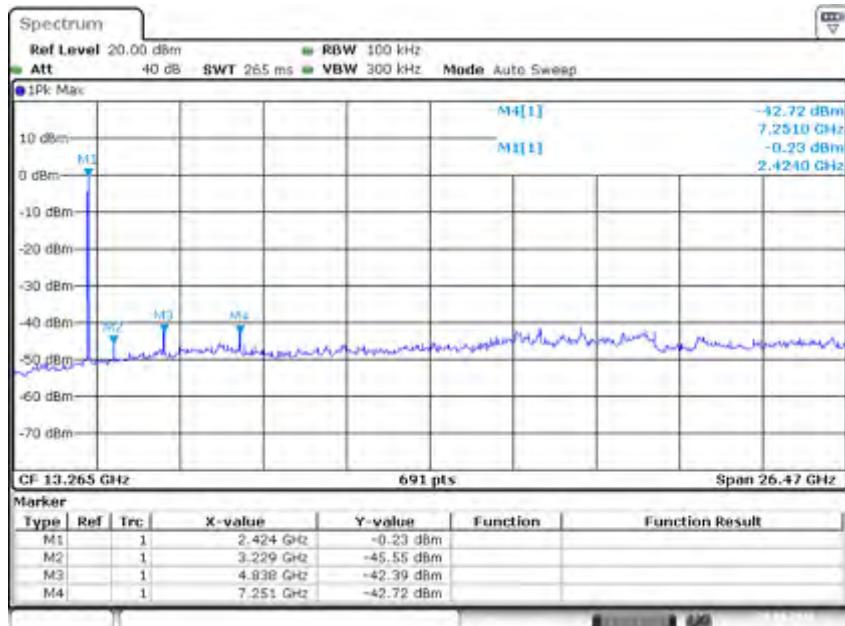


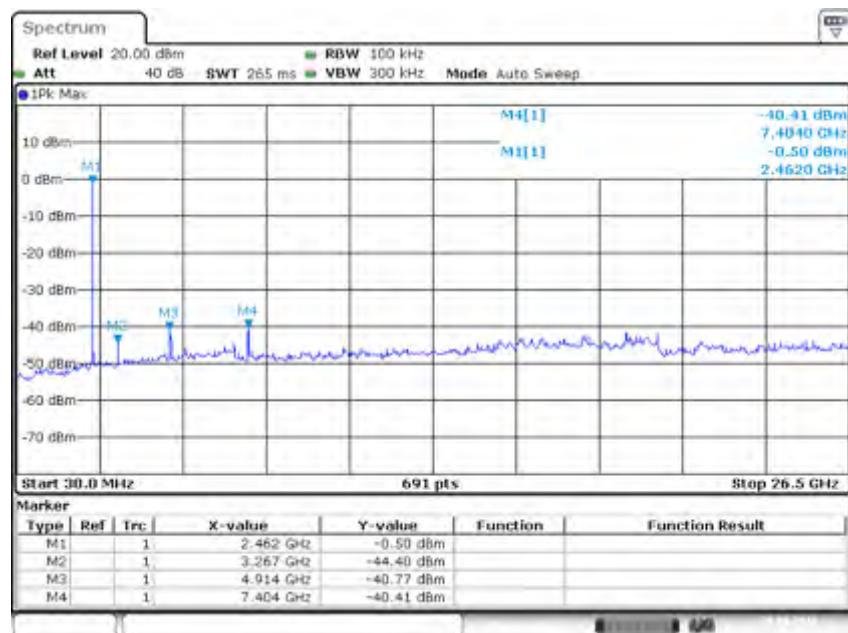
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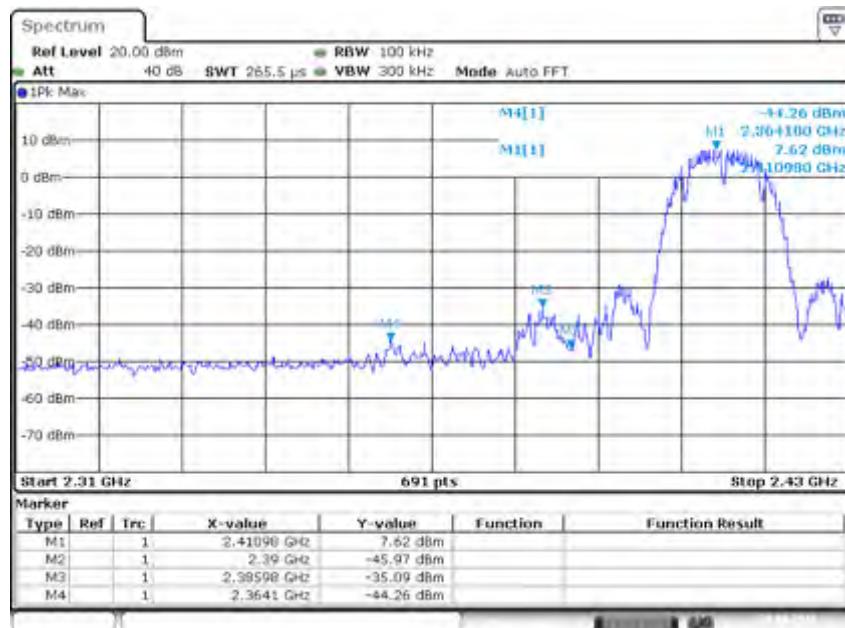
Date: 30.JUN.2016 12:49:15

Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps

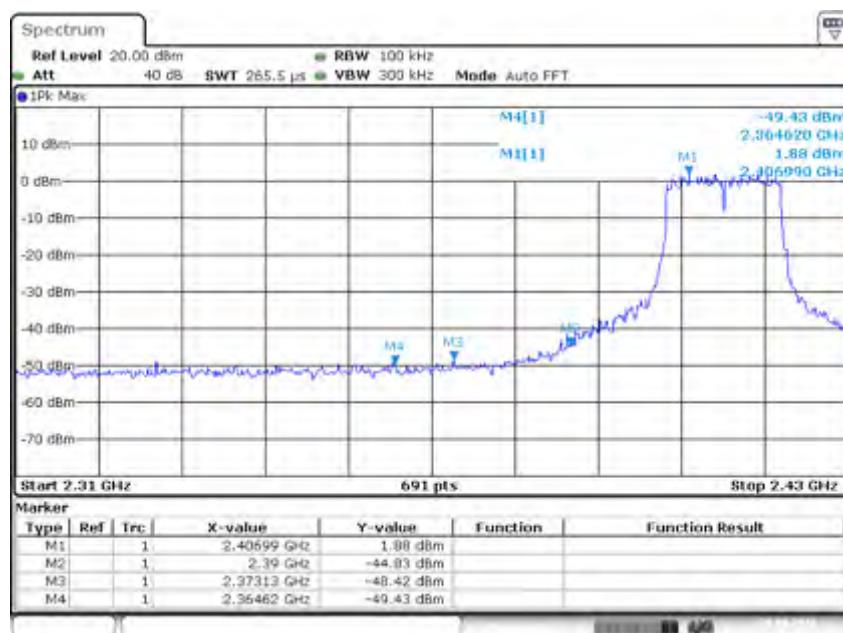




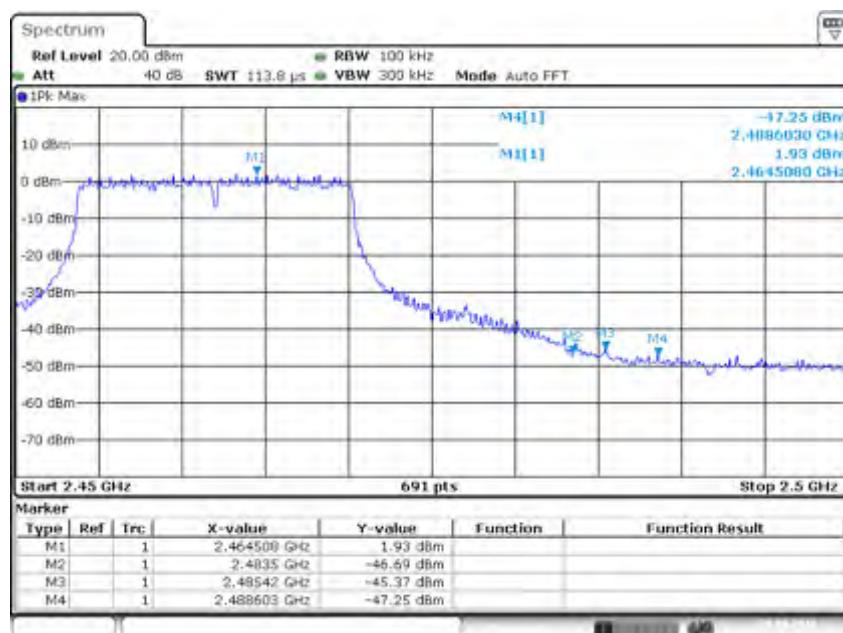
Wi-Fi 802.11 b mode, Band Edge



Wi-Fi 802.11 g mode, Band Edge

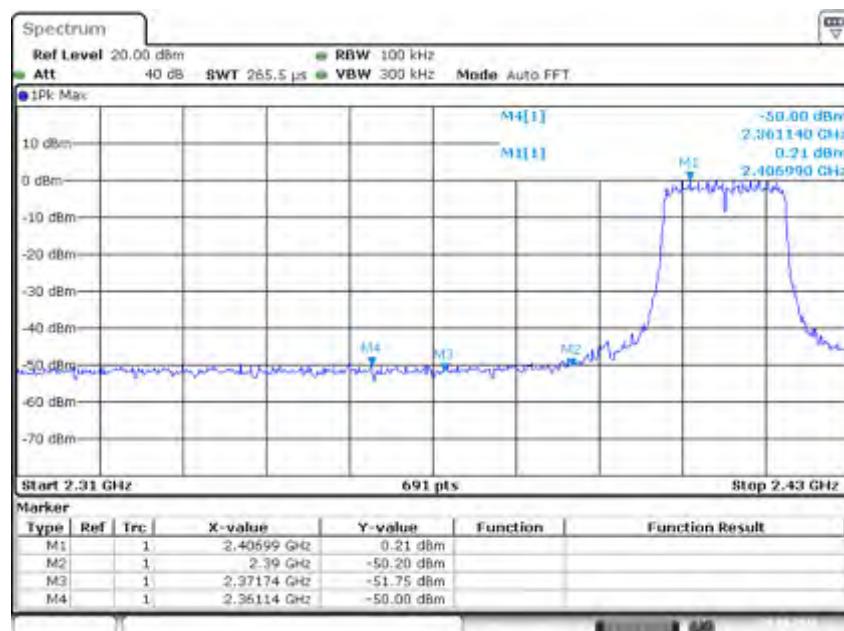


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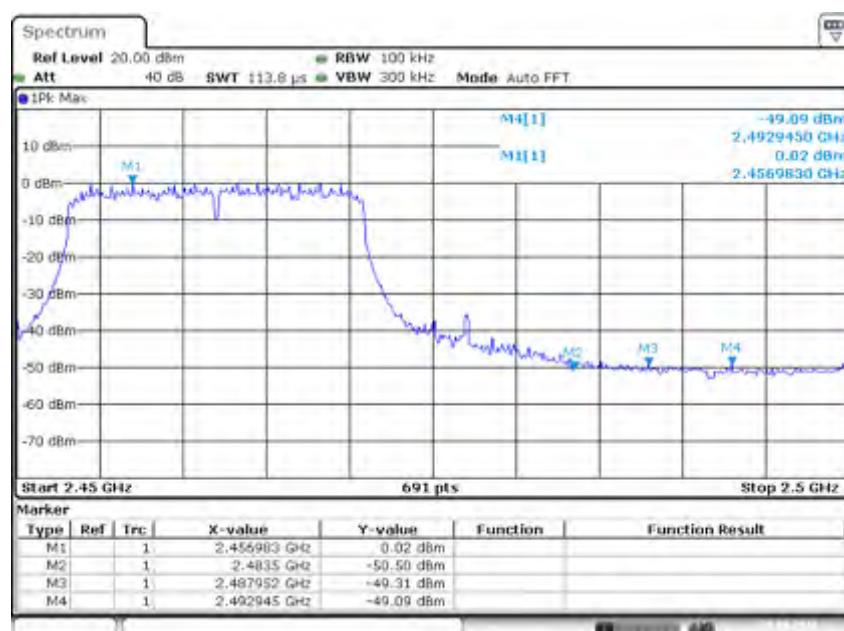


Date: 30.JUN.2016 12:50:47

Wi-Fi 802.11 n(HT20) mode, Band Edge



Date: 30.JUN.2016 13:08:41



Date: 30.JUN.2016 13:09:37

Appendix D

Test Results of Wi-Fi 802.11b/g/n(HT20) of Radiated Testing

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NOTE

During the pretest the EUT was rotated through three orthogonal axes to determine the attitude that maximizes the emissions. After that the EUT was manually handled to find the orientation that has the maximum emission, which is the orientation shown in the test set-up photos.

Appendix D.1: Test Results of Radiated Spurious Emissions

PU Unit, Wi-Fi 802.11 b mode, 1 Mbps
9KHz - 30MHz

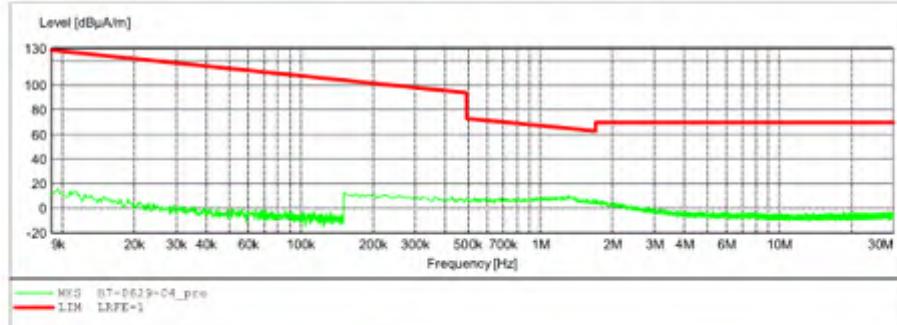
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2412MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



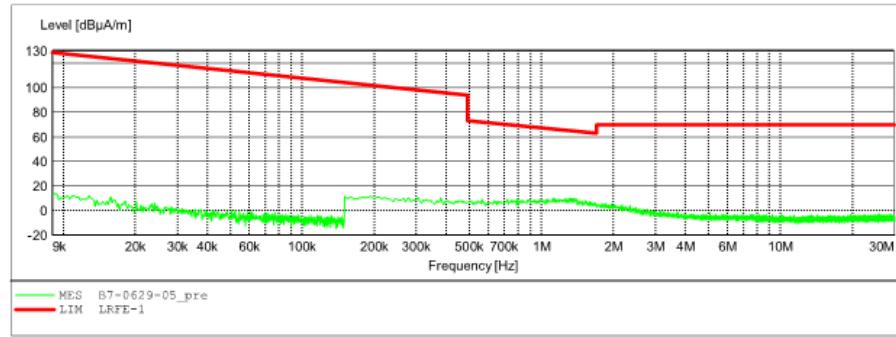
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2437MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



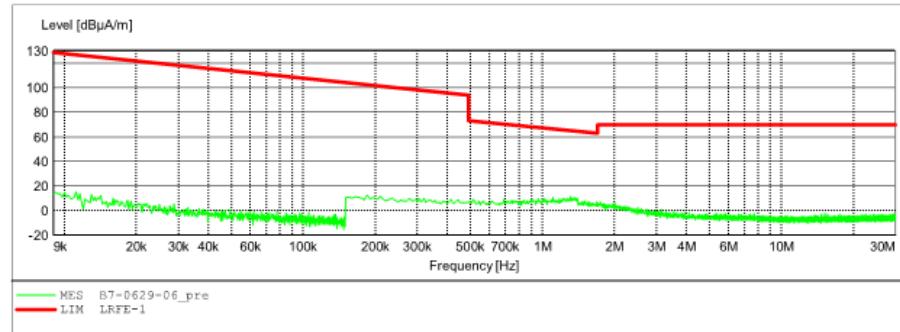
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2462MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Bandw.	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



30MHz - 1GHz

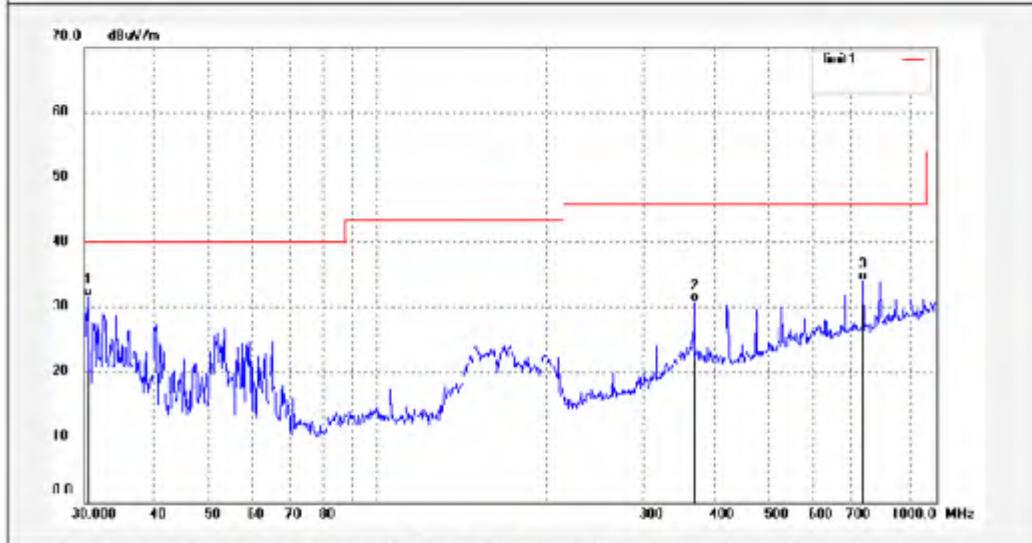


ACCURATE TECHNOLOGY CO., LTD.

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.: LGW2015 #2778	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	30.4237	40.65	-9.04	31.61	40.00	-8.39	QP			
2	369.4045	38.30	-7.51	30.79	46.00	-15.21	QP			
3	739.6604	35.22	-1.21	34.01	46.00	-11.99	QP			

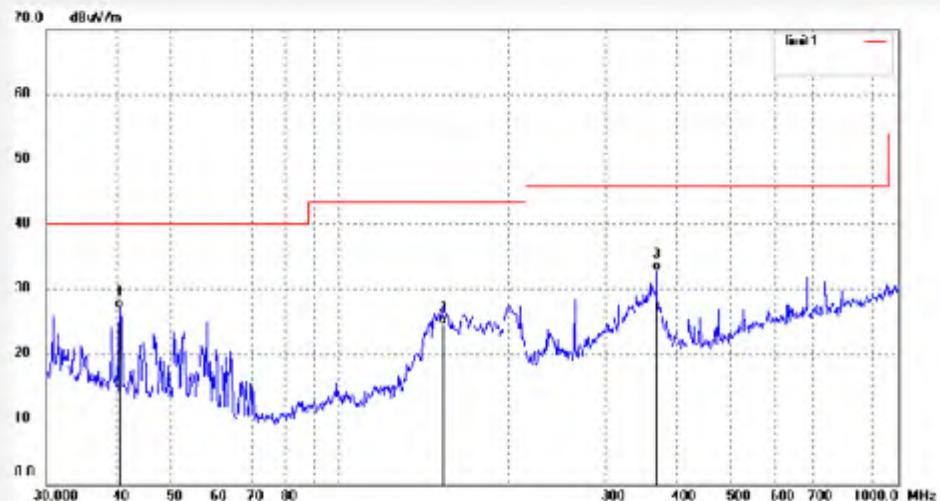


ACCURATE TECHNOLOGY CO., LTD.

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.: LGW2015 #2779	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	40.5591	38.62	-11.66	26.96	40.00	-13.04	QP			
2	153.7384	39.66	-15.11	24.55	43.50	-18.95	QP			
3	369.4045	40.36	-7.51	32.85	46.00	-13.15	QP			

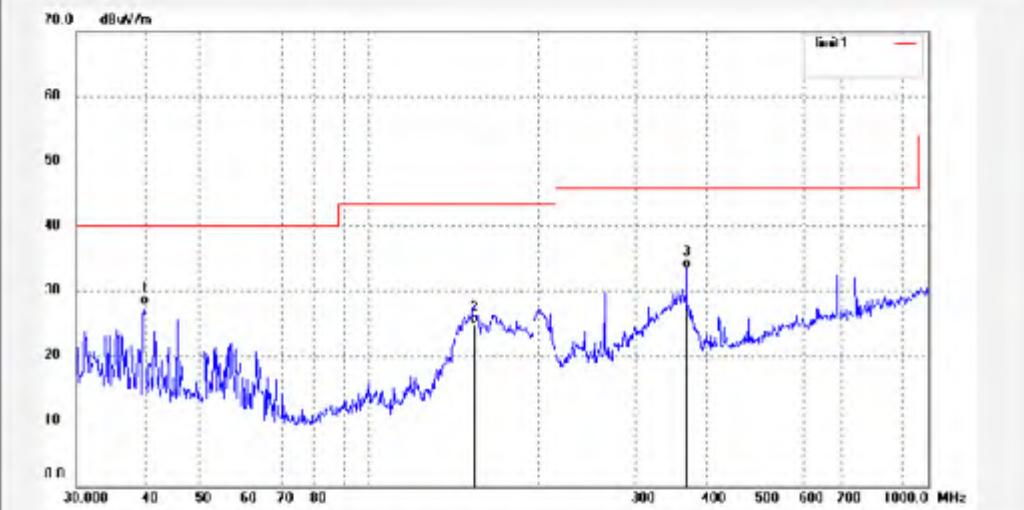


ACCURATE TECHNOLOGY CO., LTD.

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.: LGW2015 #2780	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	39.7146	39.43	-11.48	27.95	40.00	-12.05	QP			
2	154.2786	40.11	-15.11	25.00	43.50	-18.50	QP			
3	369.4045	41.00	-7.51	33.49	46.00	-12.51	QP			

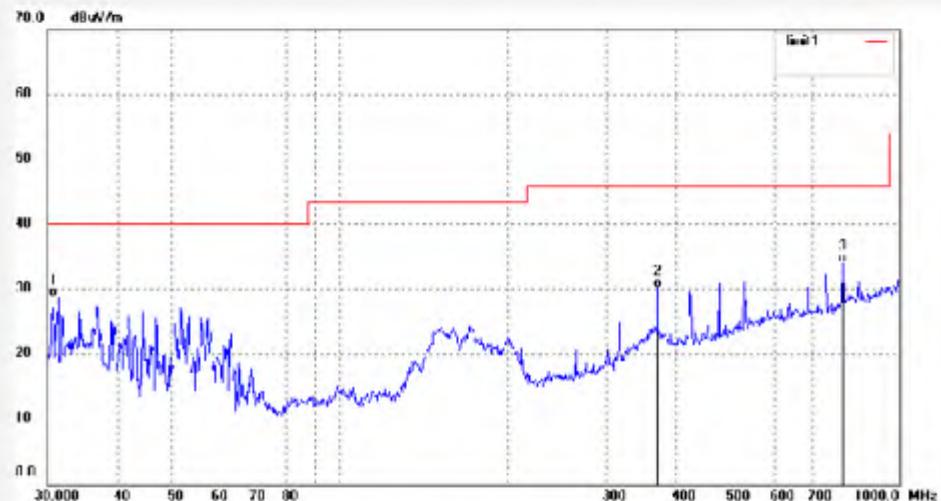


ACCURATE TECHNOLOGY CO., LTD.

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.: LGW2015 #2781	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	30.7454	37.94	-9.15	28.79	40.00	-11.21	QP			
2	369.4045	37.64	-7.51	30.13	46.00	-15.87	QP			
3	793.3958	34.23	-0.12	34.11	46.00	-11.89	QP			

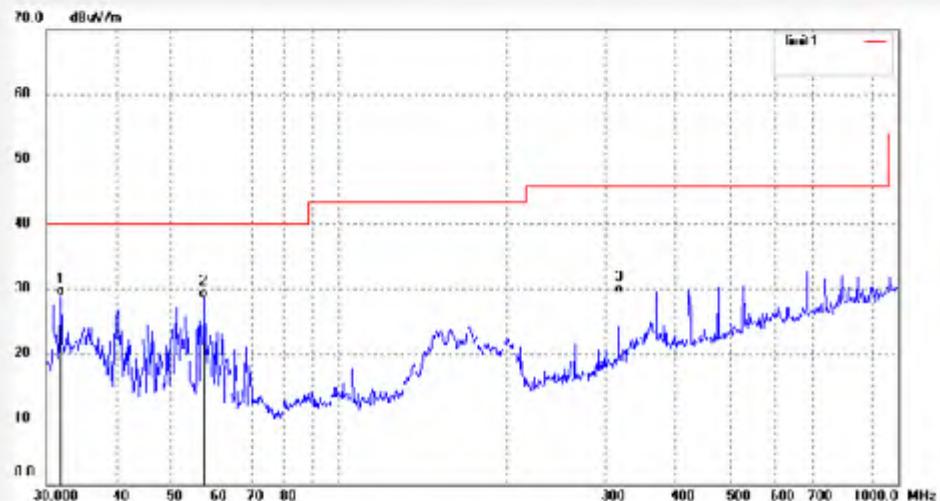


ACCURATE TECHNOLOGY CO., LTD.

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.: LGW2015 #2782	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	31.8427	38.41	-9.47	28.94	40.00	-11.06	QP			
2	57.3922	42.12	-13.44	28.68	40.00	-11.32	QP			
3	316.5889	38.08	-8.85	29.23	46.00	-16.77	QP			

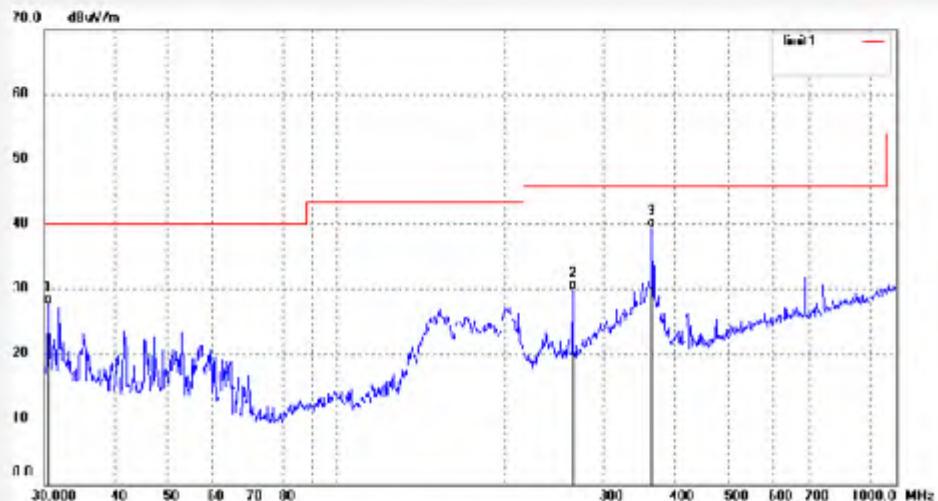


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: LGW2015 #2783	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	30.4237	37.71	-9.96	27.75	40.00	-12.25	QP			
2	263.8190	40.38	-10.50	29.88	46.00	-16.12	QP			
3	365.5391	47.04	-7.56	39.48	46.00	-6.52	QP			

1GHz - 18GHz



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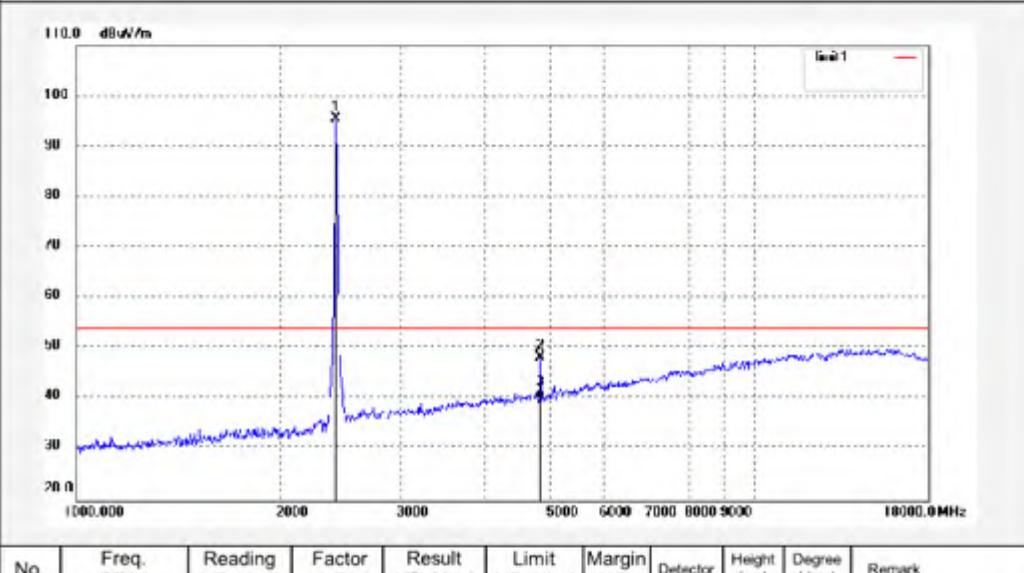
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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.:	LGW2015 #2818	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	16/06/27/
Temp.(C) /Hum.(%)	23 C / 48 %	Time:	
EUT:	Wifi Baby monitor system	Engineer Signature:	LGWADE
Mode:	TX 2412MHz	Distance:	3m
Model:	BabyNursery7 PU		
Manufacturer:	Binatone Electronics International Limited		
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	102.85	-7.43	95.42	/	/	peak			
2	4824.000	48.35	-0.19	48.16	74.00	-25.84	peak			
3	4824.000	40.44	-0.19	40.25	54.00	-13.75	AVG			

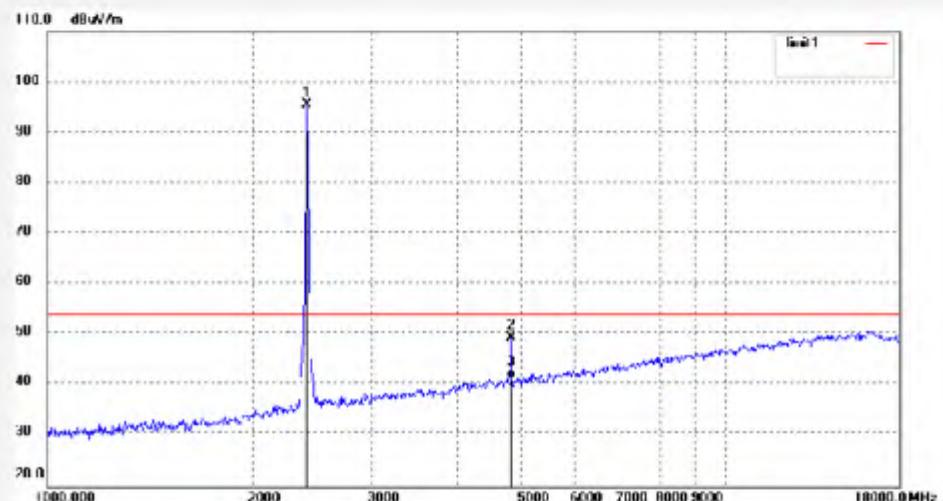


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Job No.: LGW2015 #2819
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2412MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Note: 802.11b



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	102.81	-7.43	95.38	/	/	peak			
2	4824.000	49.63	-0.19	49.44	74.00	-24.56	peak			
3	4824.000	41.46	-0.19	41.27	54.00	-12.73	AVG			

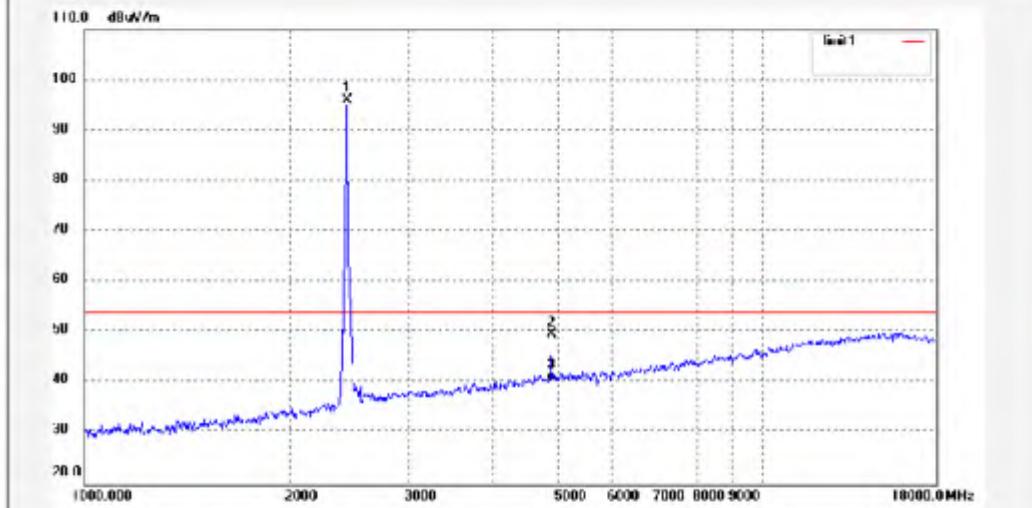


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Job No.: LGW2015 #2822	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	103.22	-7.36	95.86	/	/	peak			
2	4874.000	49.59	0.09	49.68	74.00	-24.32	peak			
3	4874.000	40.36	0.09	40.45	54.00	-13.55	AVG			



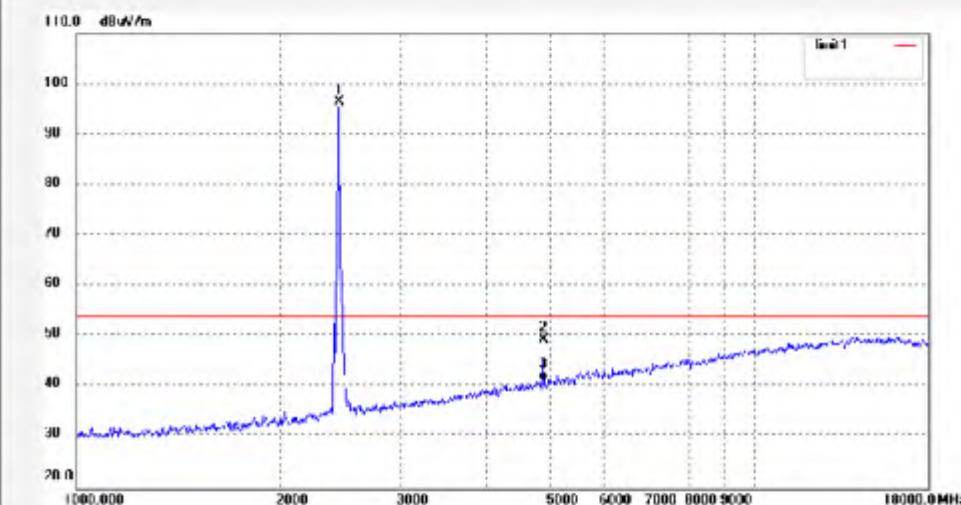
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Job No.: LGW2015 #2823 Polarization: Vertical
Standard: FCC Class B 3M Radiated Power Source: AC 120V/60Hz
Test item: Radiation Test Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 % Time:
EUT: Wifi Baby monitor system Engineer Signature: LGWADE
Mode: TX 2437MHz Distance: 3m
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

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	103.71	-7.36	96.35	/	/	peak			
2	4874.000	49.38	0.09	49.47	74.00	-24.53	peak			
3	4874.000	41.26	0.09	41.35	54.00	-12.65	AVG			

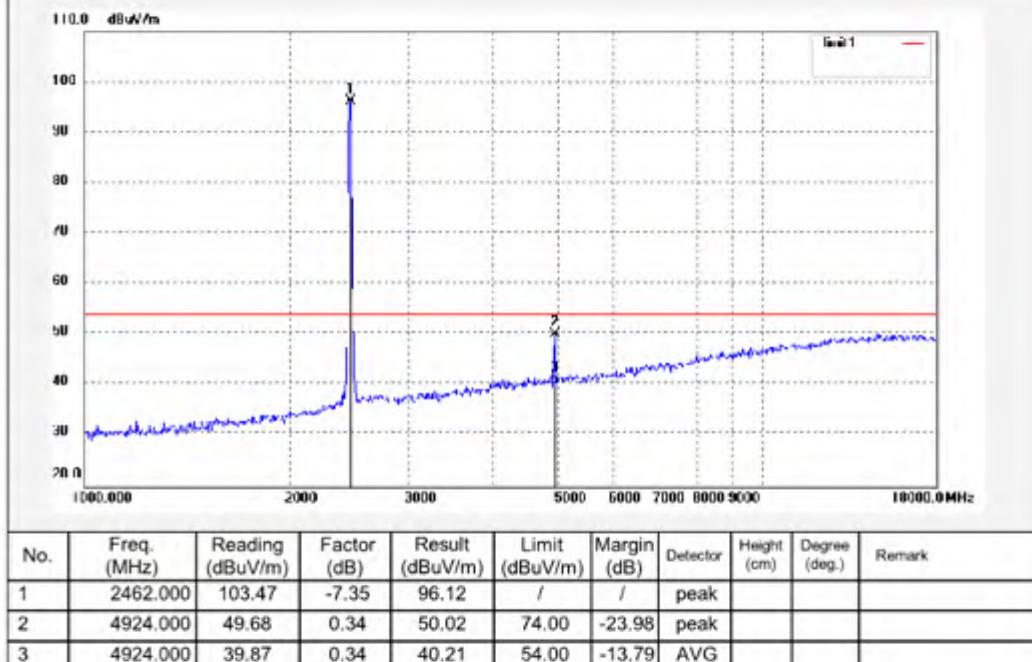


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Job No.: LGW2015 #2824	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11b	



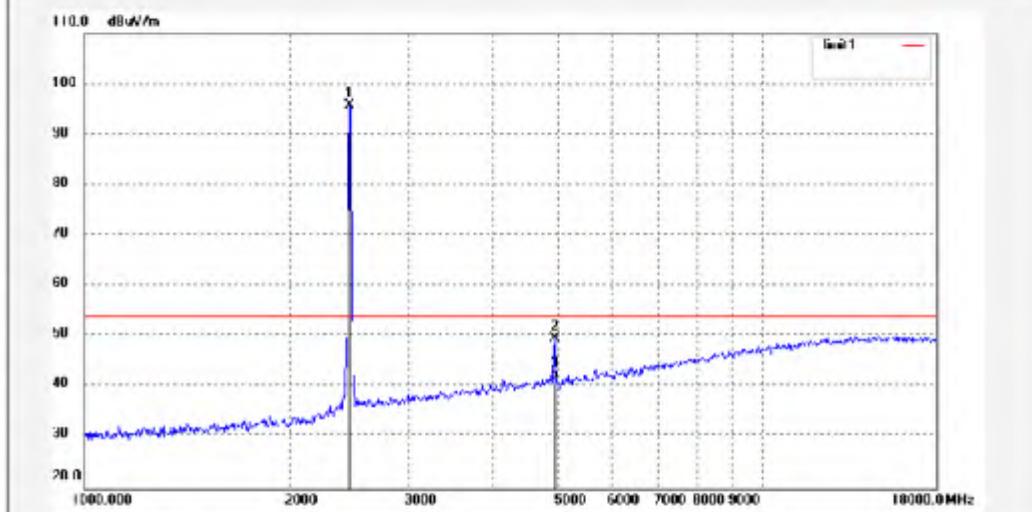


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Site: 2# Chamber
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Job No.: LGW2015 #2825	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	103.10	-7.35	95.75	/	/	peak			
2	4924.000	49.29	0.34	49.63	74.00	-24.37	peak			
3	4924.000	41.05	0.34	41.39	54.00	-12.61	AVG			

18GHz - 26GHz

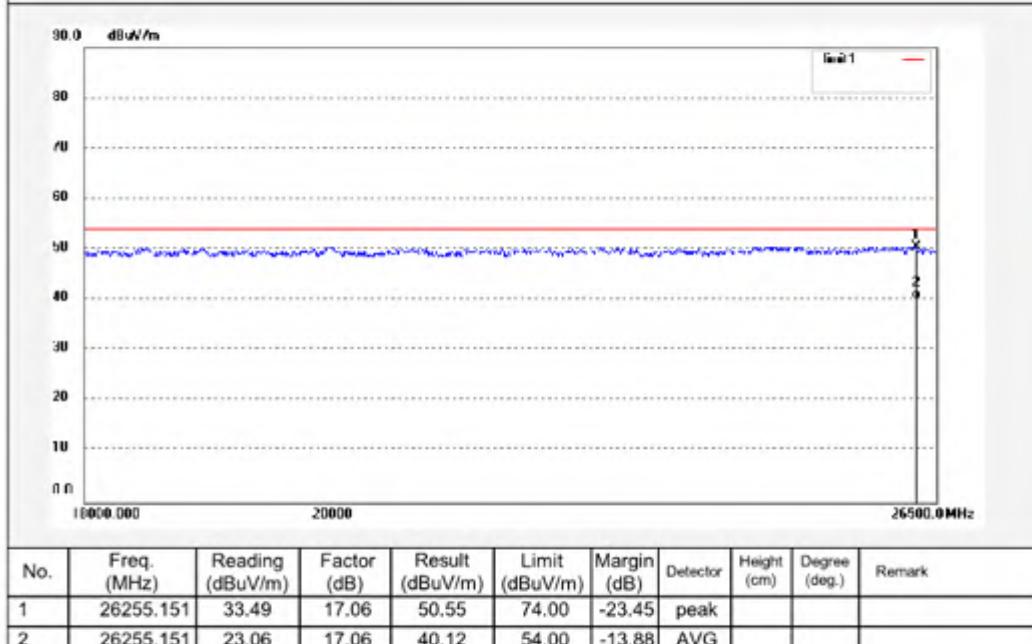


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Job No.: LGW2015 #2828	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C) / Hum. (%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11b	



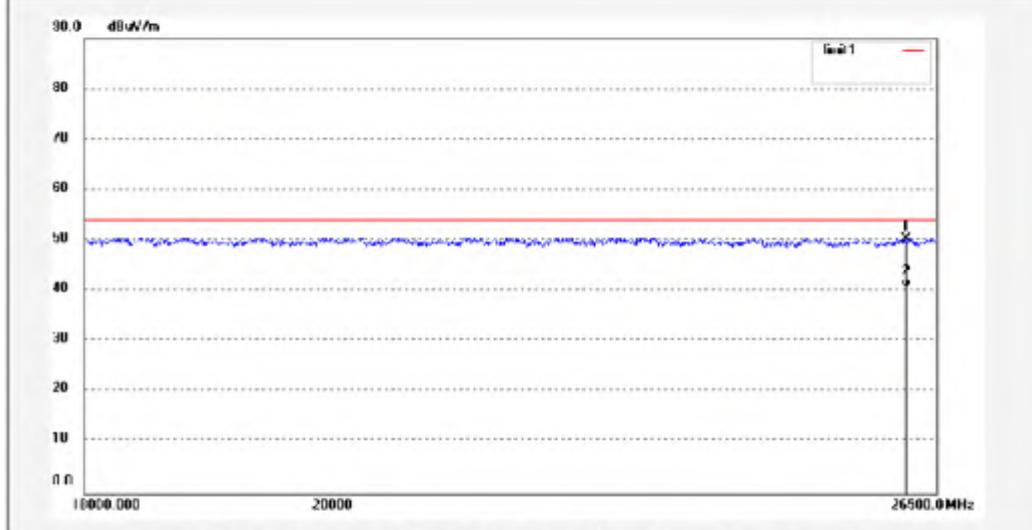


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Job No.: LGW2015 #2829	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	26143.685	33.75	16.50	50.25	74.00	-23.75	peak			
2	26143.685	24.18	16.50	40.68	54.00	-13.32	AVG			

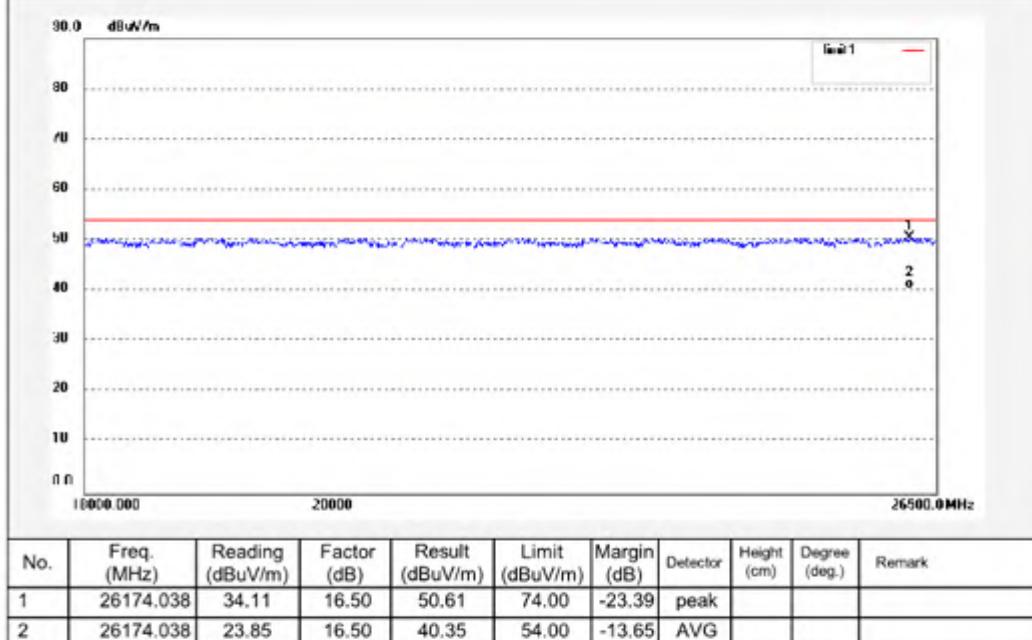


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Job No.: LGW2015 #2830	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11b	





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Job No.: LGW2015 #2831

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 16/06/27/

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

Time:

EUT: Wifi Baby monitor system

Engineer Signature: LGWADE

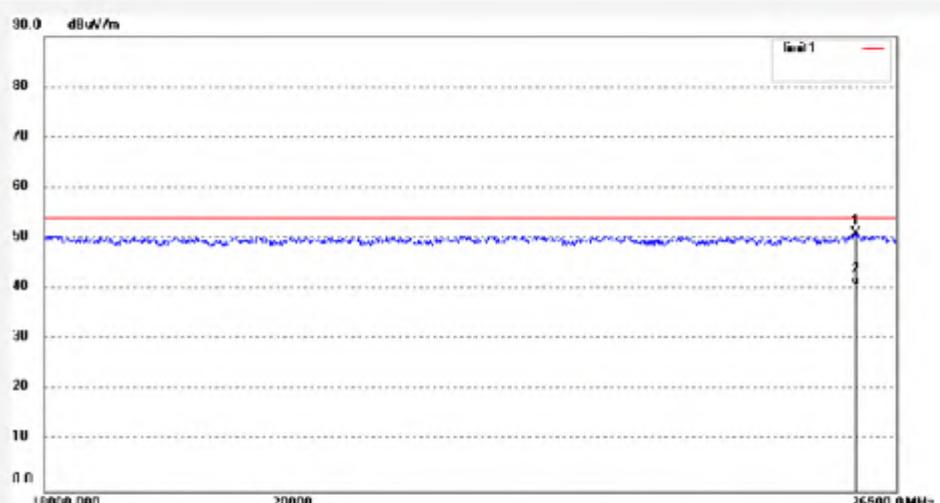
Mode: TX 2437MHz

Distance: 3m

Model: BabyNursery7 PU

Manufacturer: Binatone Electronics International Limited

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	26022.626	33.75	17.22	50.97	74.00	-23.03	peak			
2	26022.626	23.44	17.22	40.66	54.00	-13.34	AVG			

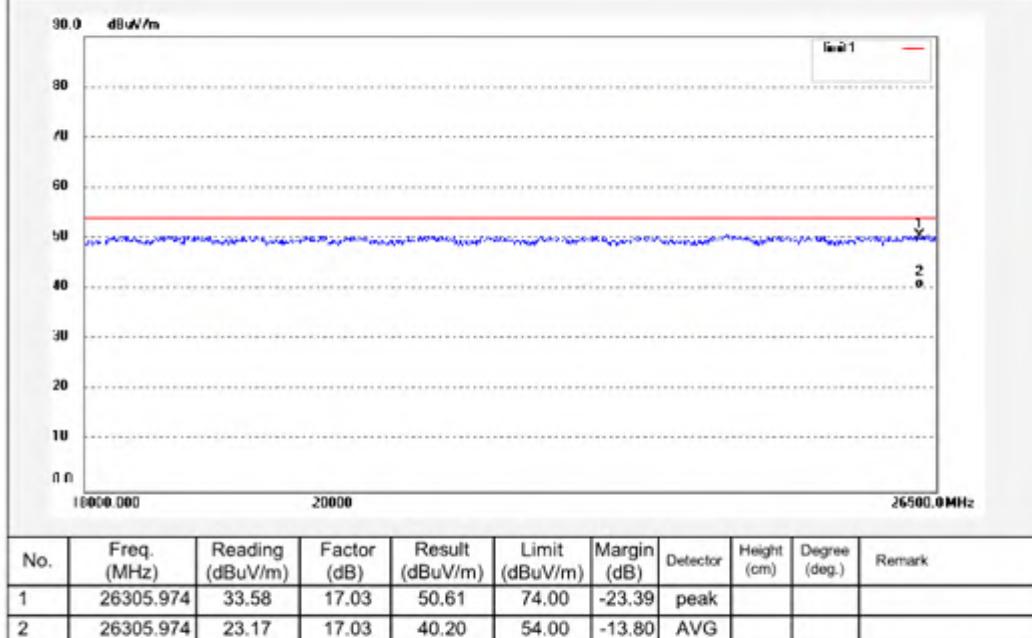


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Site: 2# Chamber
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Job No.: LGW2015 #2832	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11b	



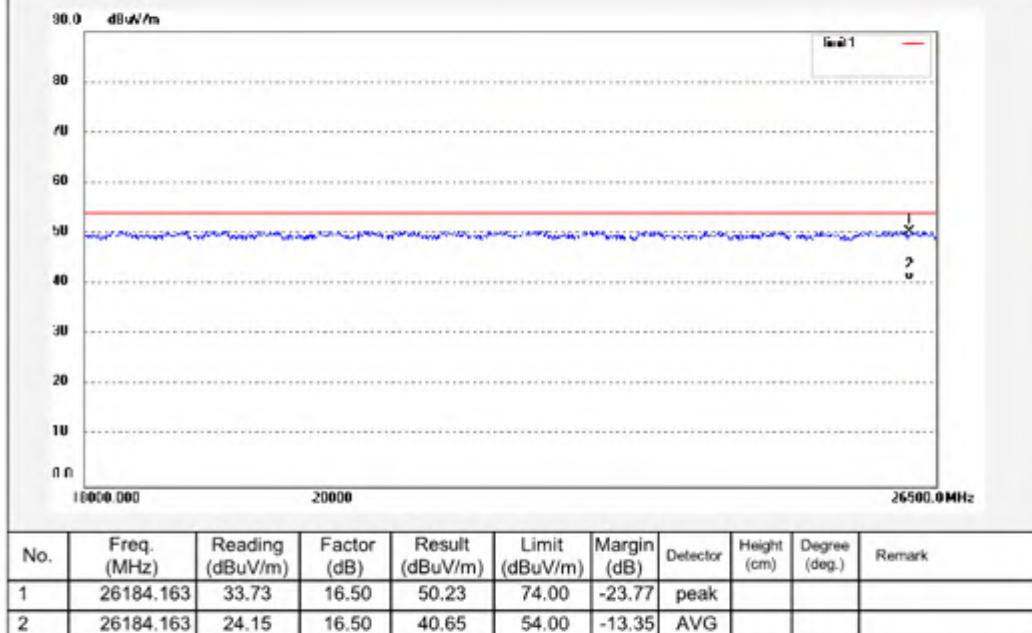


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Site: 2# Chamber
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Job No.: LGW2015 #2833	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	26184.163	33.73	16.50	50.23	74.00	-23.77	peak			
2	26184.163	24.15	16.50	40.65	54.00	-13.35	AVG			

**PU Unit, Wi-Fi 802.11 g mode, 6 Mbps
9KHz - 30MHz**

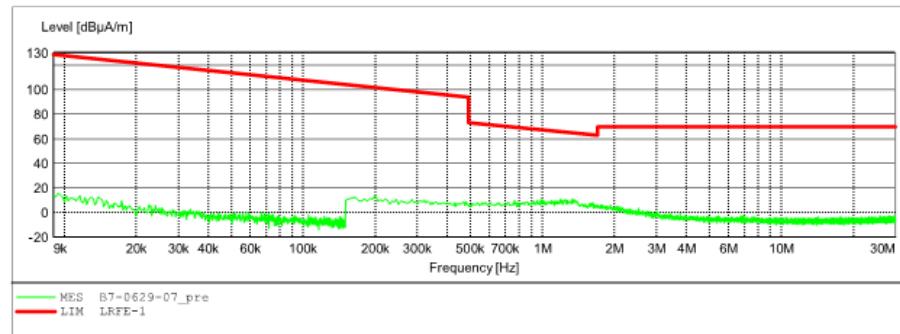
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2412MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



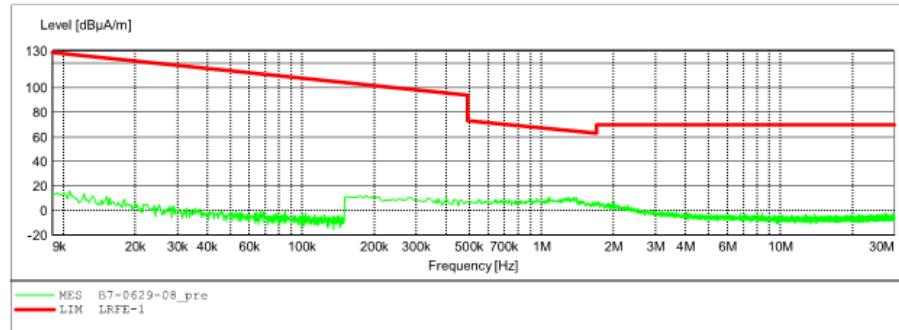
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2437MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



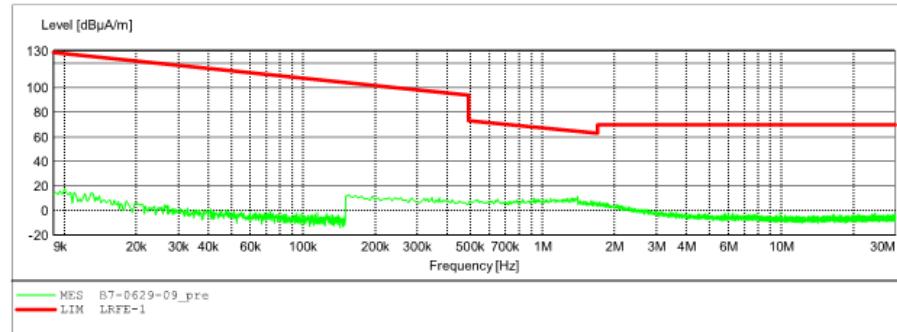
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2462MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Bandw.	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



30MHz - 1GHz

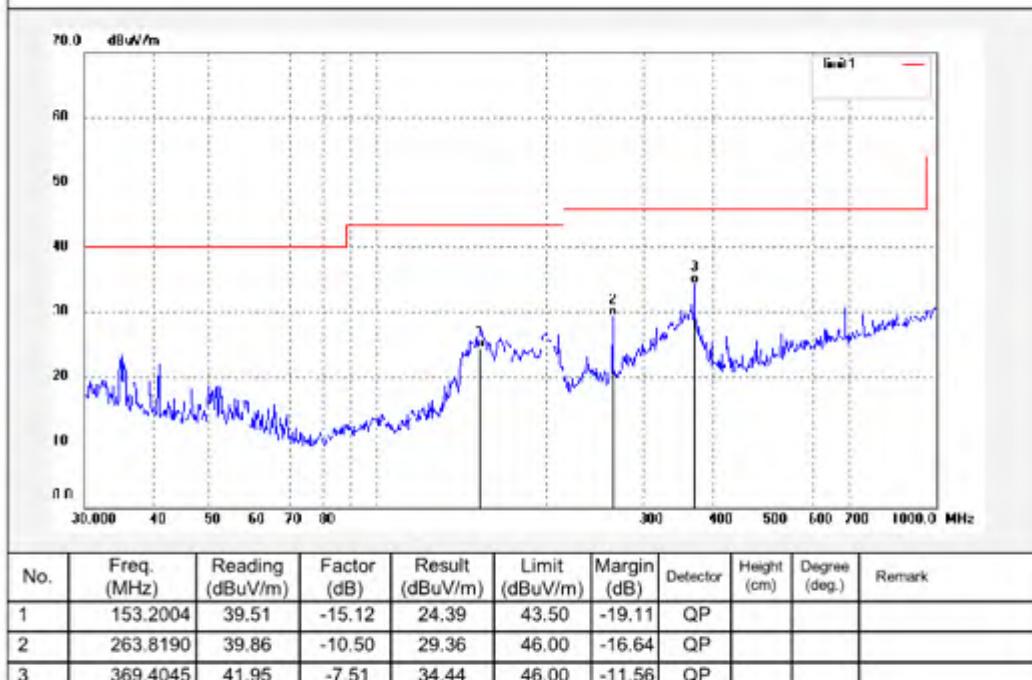


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Job No.: LGW2015 #2784	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C) /Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11g	



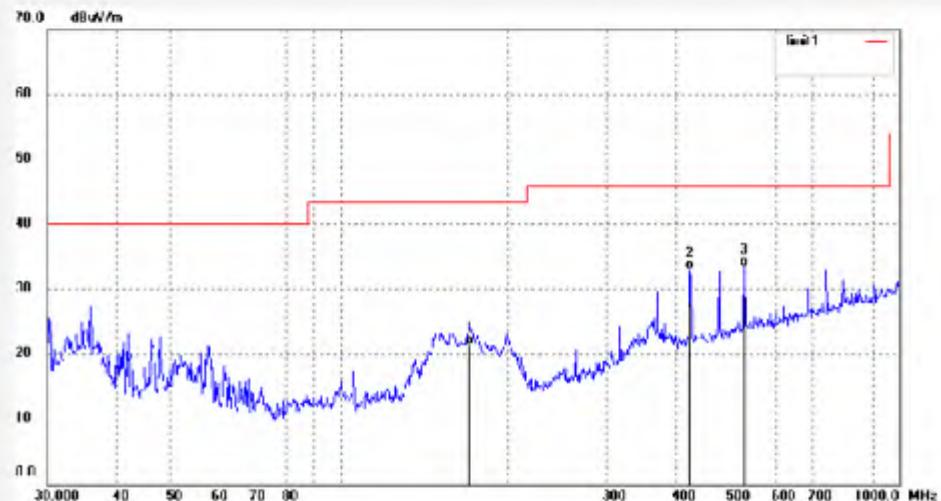


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Job No.: LGW2015 #2785	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	170.1947	35.10	-13.68	21.42	43.50	-22.08	QP			
2	422.0577	39.11	-6.16	32.95	46.00	-13.05	QP			
3	528.2458	37.81	-4.22	33.59	46.00	-12.41	QP			

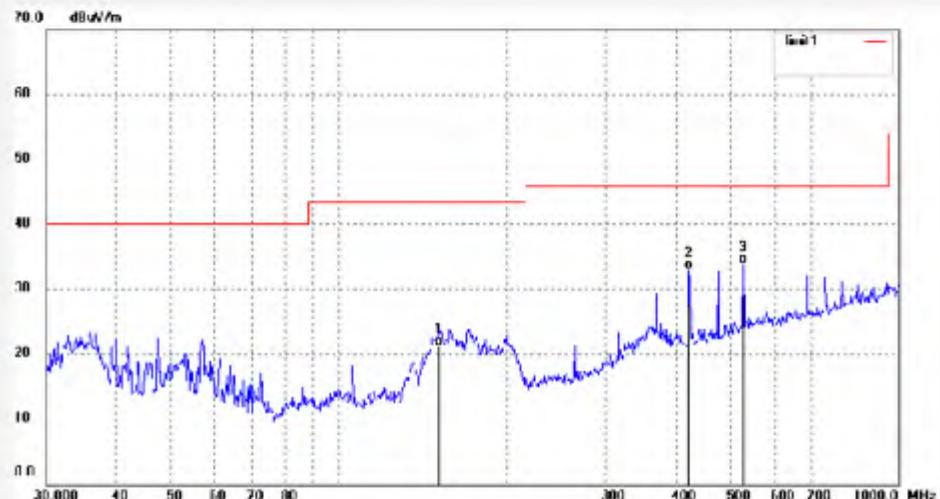


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Site: 2# Chamber
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Job No.: LGW2015 #2786	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	151.0665	36.39	-15.14	21.25	43.50	-22.25	QP			
2	422.0577	39.08	-6.16	32.92	46.00	-13.08	QP			
3	528.2458	38.00	-4.22	33.78	46.00	-12.22	QP			

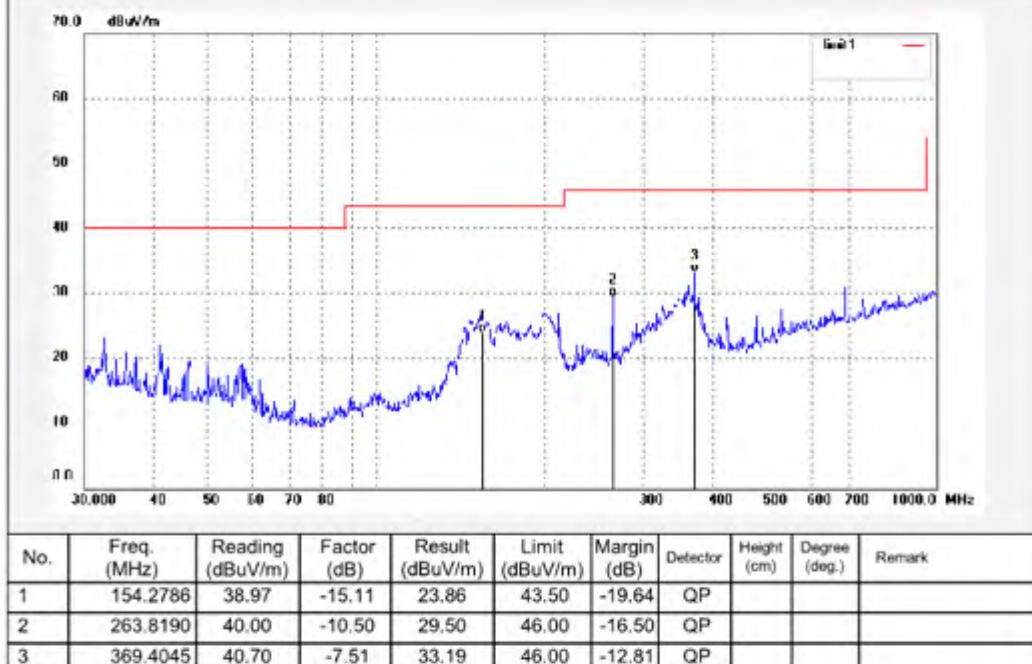


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Job No.: LGW2015 #2787	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11g	



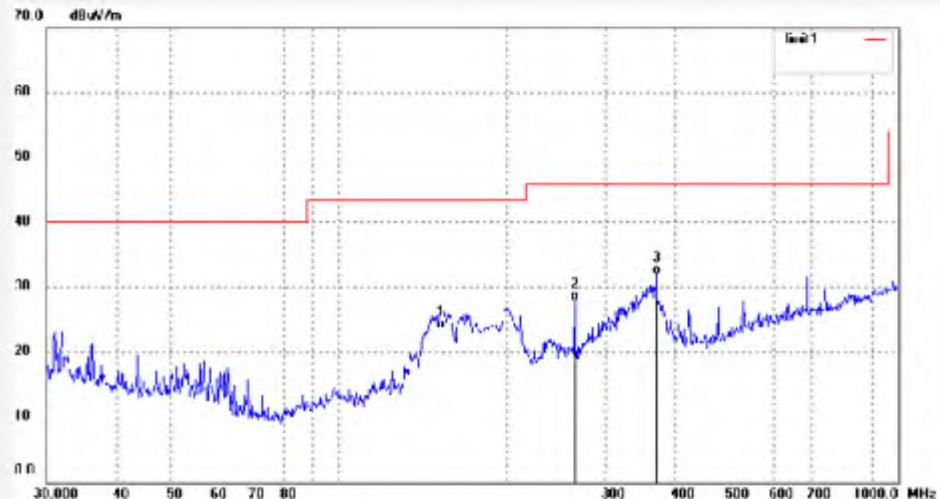


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2015 #2788	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	152.1297	38.71	-15.14	23.57	43.50	-19.93	QP			
2	263.8190	38.50	-10.50	28.00	46.00	-18.00	QP			
3	369.4045	39.48	-7.51	31.97	46.00	-14.03	QP			

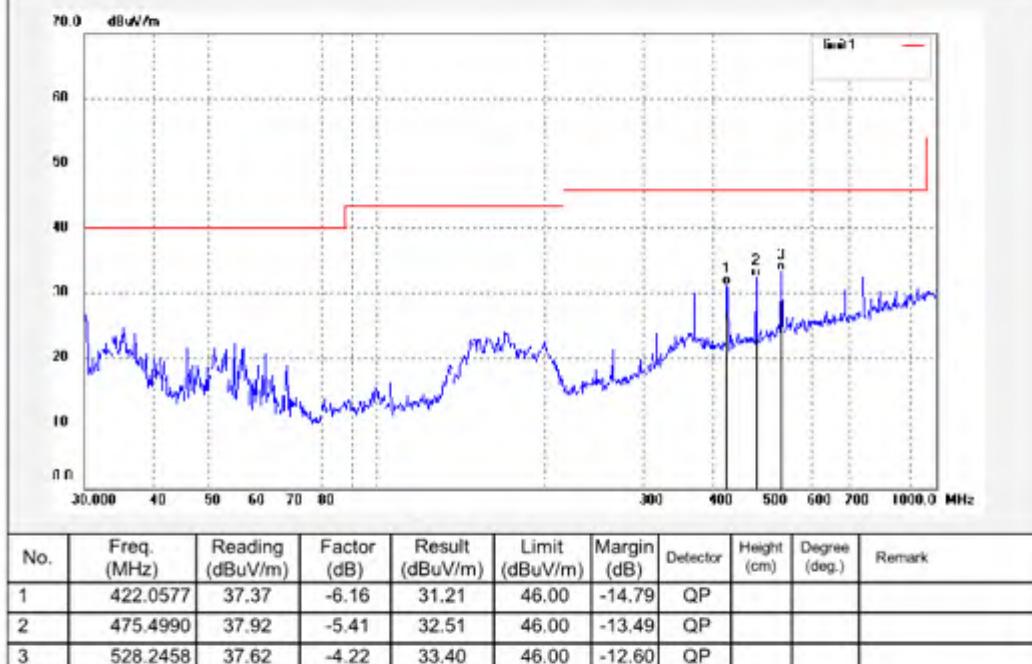


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Fax:+86-0755-26503396

Job No.: LGW2015 #2789	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11g	



1GHz - 18GHz

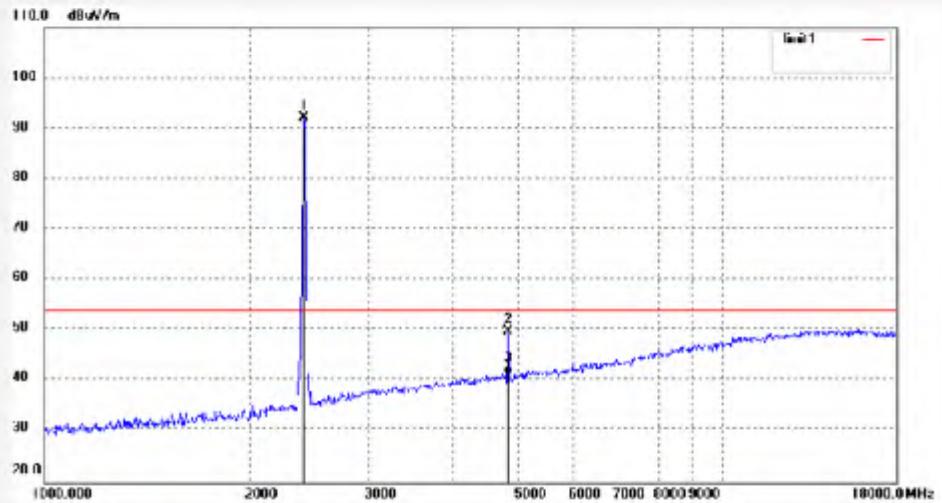


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2015 #2834	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C) / Hum. (%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	99.54	-7.43	92.11	/	/	peak			
2	4824.000	49.95	-0.19	49.76	74.00	-24.24	peak			
3	4824.000	41.54	-0.19	41.35	54.00	-12.65	AVG			



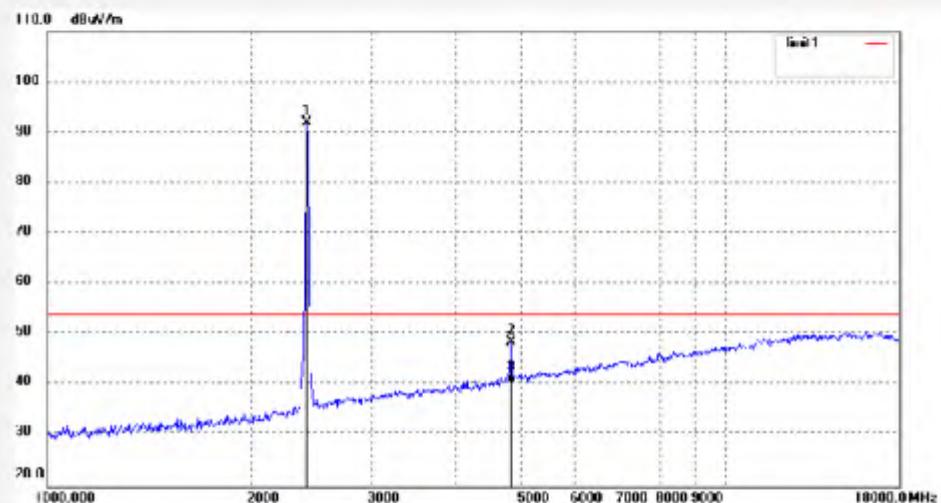
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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2015 #2835 Polarization: Vertical
Standard: FCC Class B 3M Radiated Power Source: AC 120V/60Hz
Test item: Radiation Test Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 % Time:
EUT: Wifi Baby monitor system Engineer Signature: LGWADE
Mode: TX 2412MHz Distance: 3m
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

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	99.41	-7.43	91.98	/	/	peak			
2	4824.000	48.63	-0.19	48.44	74.00	-25.56	peak			
3	4824.000	40.51	-0.19	40.32	54.00	-13.68	AVG			

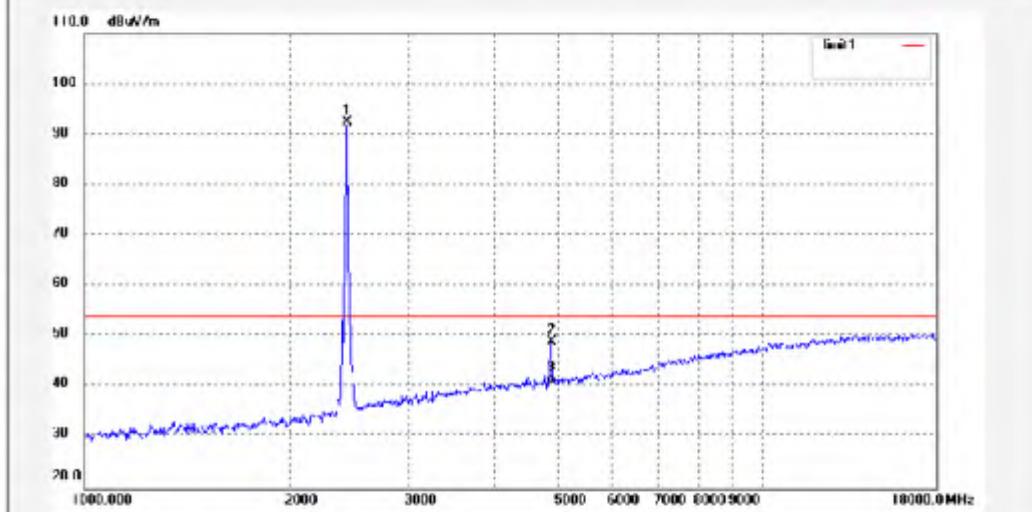


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: LGW2015 #2838	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	99.59	-7.36	92.23	/	/	peak			
2	4874.000	48.83	0.09	48.92	74.00	-25.08	peak			
3	4874.000	40.49	0.09	40.58	54.00	-13.42	AVG			

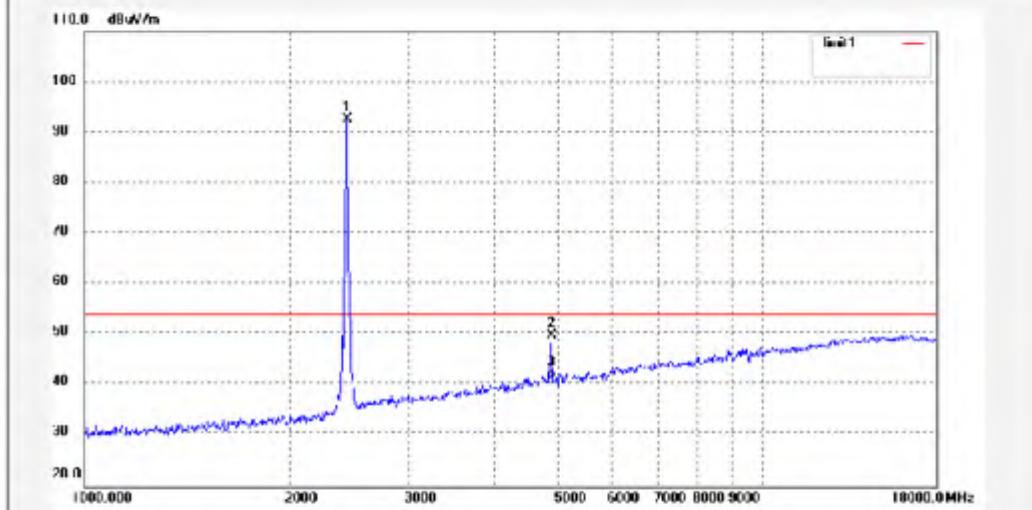


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Site: 2# Chamber
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Job No.: LGW2015 #2839	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	99.92	-7.36	92.56	/	/	peak			
2	4874.000	49.70	0.09	49.79	74.00	-24.21	peak			
3	4874.000	41.26	0.09	41.35	54.00	-12.65	AVG			

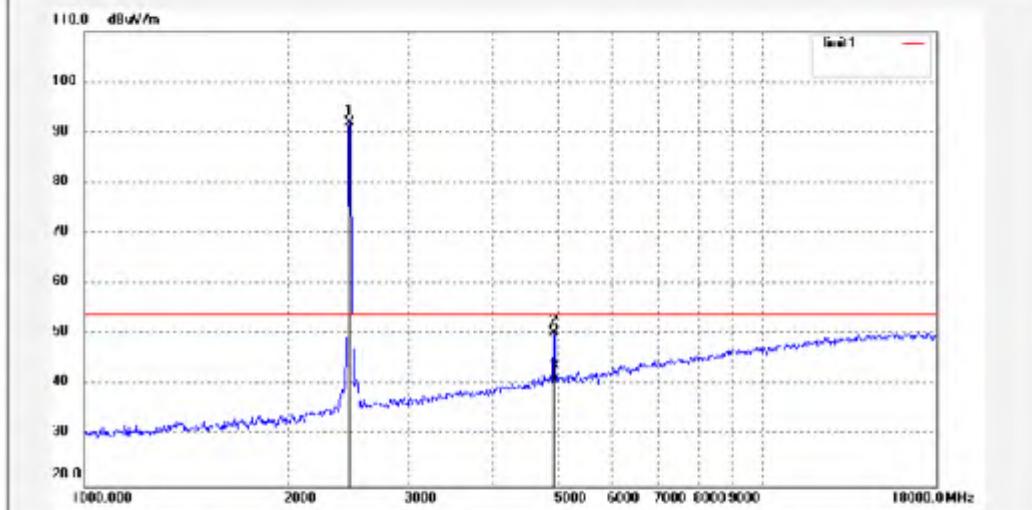


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Site: 2# Chamber
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Job No.: LGW2015 #2840	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	99.35	-7.35	92.00	/	/	peak			
2	4924.000	49.93	0.34	50.27	74.00	-23.73	peak			
3	4924.000	40.34	0.34	40.68	54.00	-13.32	AVG			

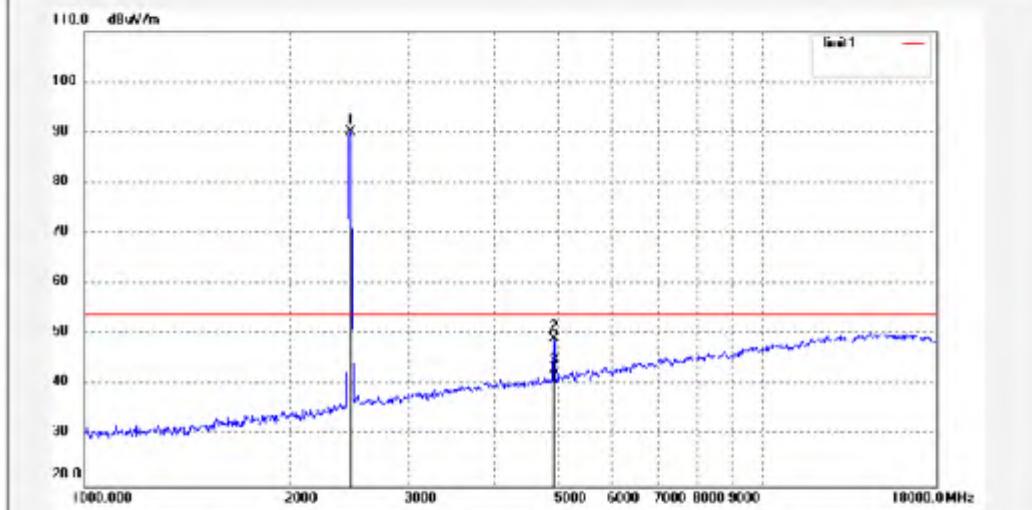


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Site: 2# Chamber
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Job No.: LGW2015 #2841	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	97.37	-7.35	90.02	/	/	peak			
2	4924.000	48.88	0.34	49.22	74.00	-24.78	peak			
3	4924.000	41.41	0.34	41.75	54.00	-12.25	AVG			

18GHz - 26GHz

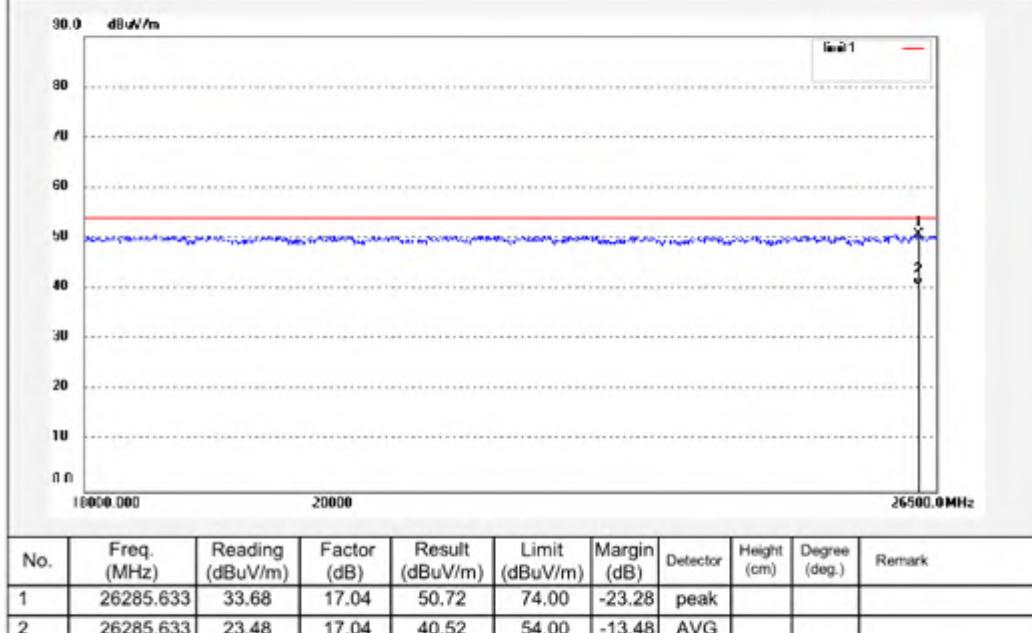


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Job No.: LGW2015 #2844	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11g	



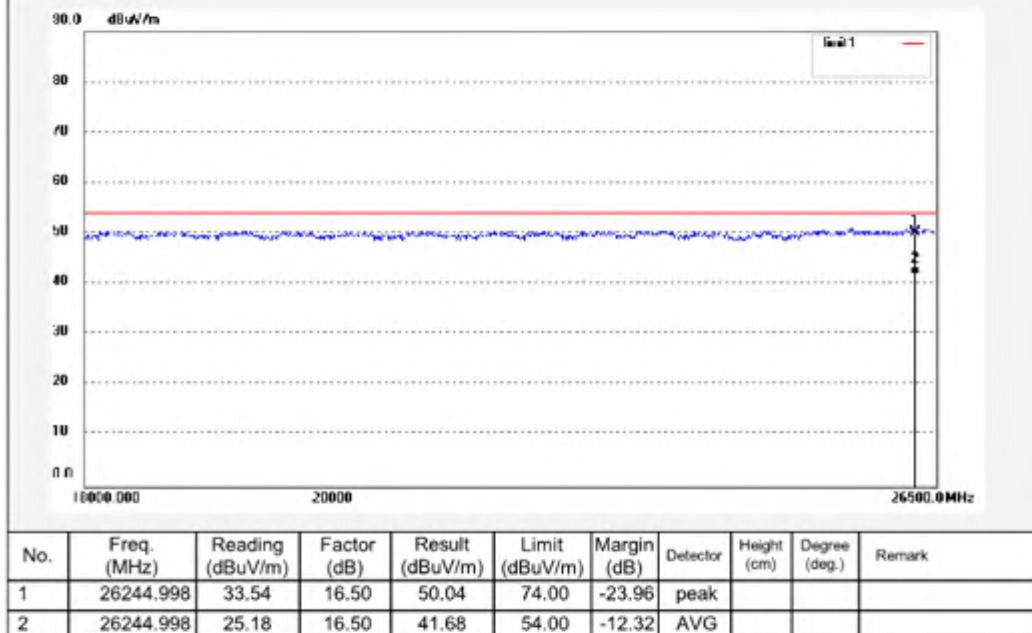


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Fax:+86-0755-26503396

Job No.: LGW2015 #2845	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11g	



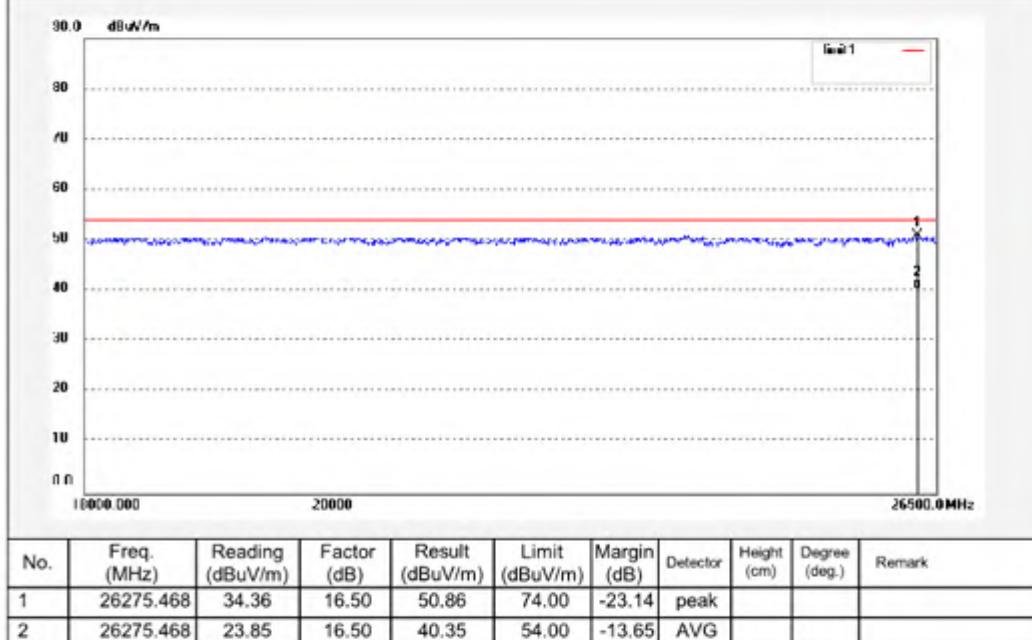


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2015 #2846	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11g	



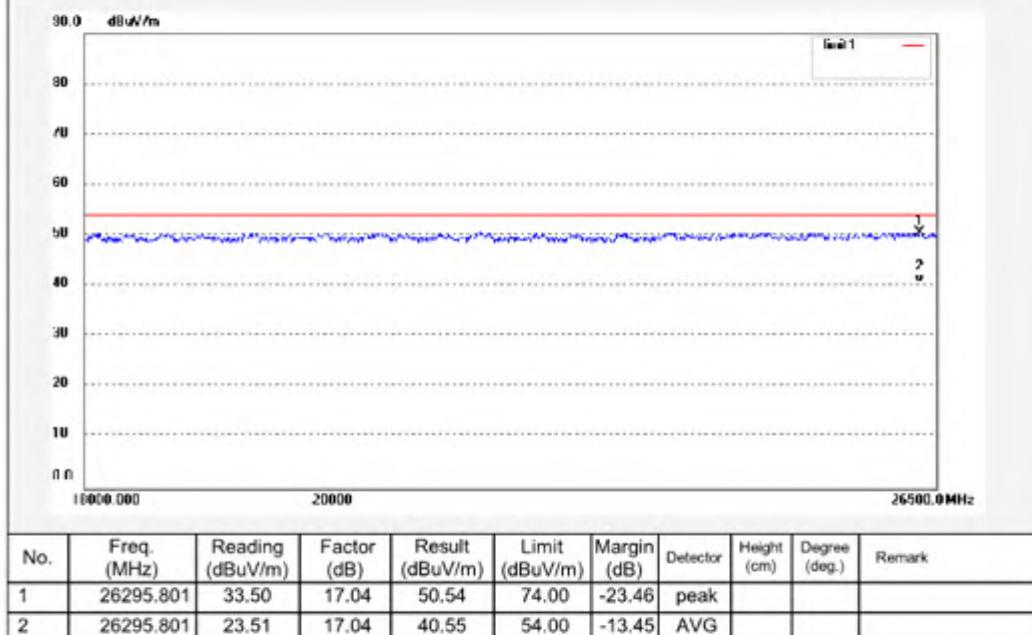


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Site: 2# Chamber
Tel:+86-0755-26503290
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Job No.: LGW2015 #2847	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	26295.801	33.50	17.04	50.54	74.00	-23.46	peak			
2	26295.801	23.51	17.04	40.55	54.00	-13.45	AVG			

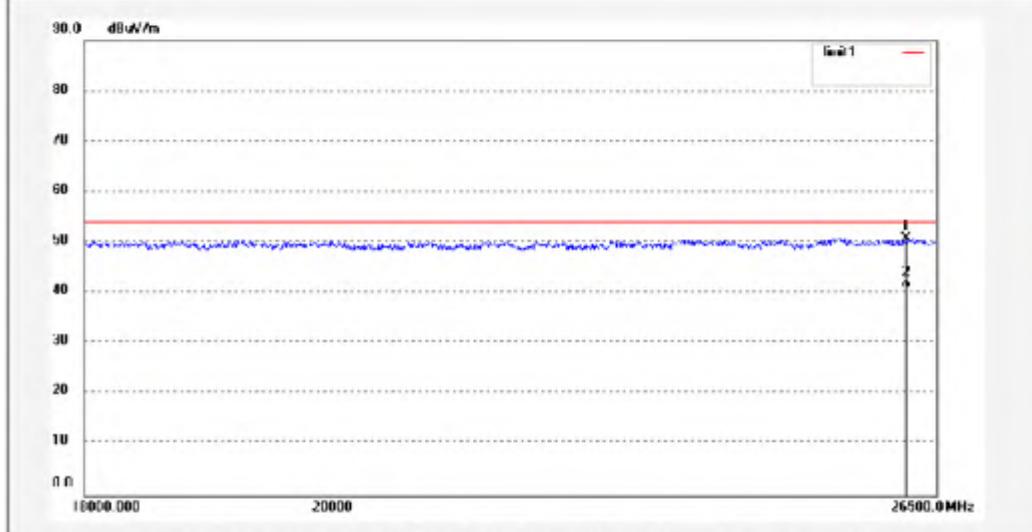


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: LGW2015 #2848	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	26143.685	33.53	17.14	50.67	74.00	-23.33	peak			
2	26143.685	23.75	17.14	40.89	54.00	-13.11	AVG			

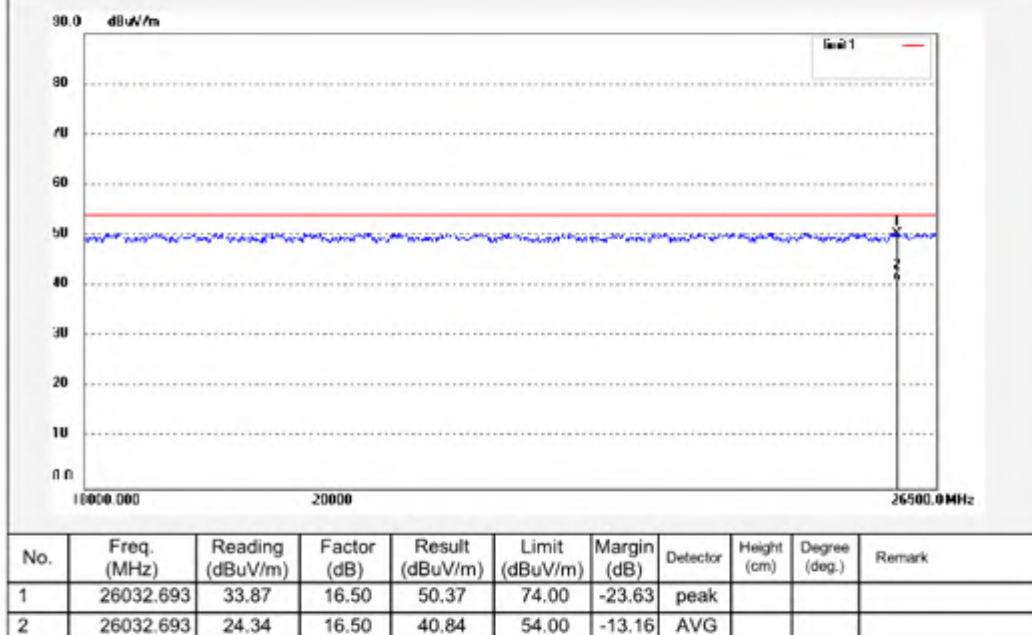


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: LGW2015 #2849	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11g	



**PU Unit, Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps
9KHz - 30MHz**

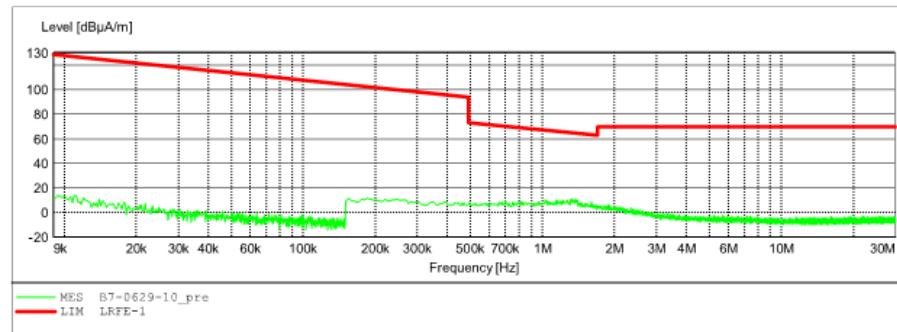
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2412MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Short Description: SUB STD VTERM2 1.70
Start Stop Step Detector Meas. IF Transducer
Frequency Frequency Width Time Bandw.
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz 1516M
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz 1516M



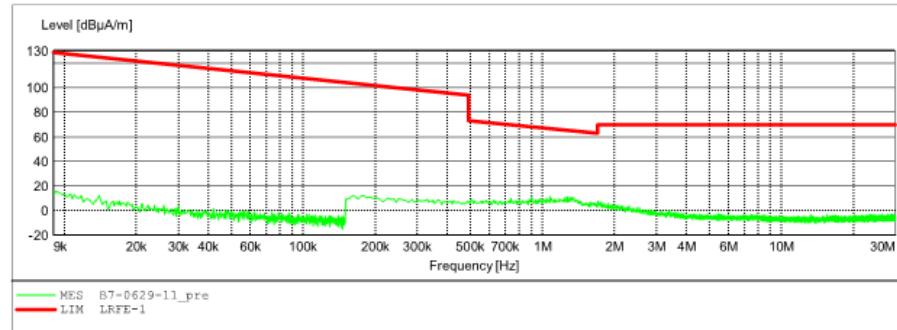
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2437MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



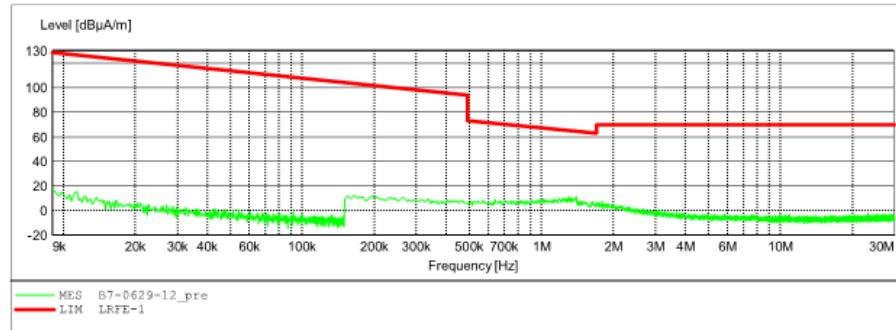
ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2462MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-29 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas.	IF	Transducer
Frequency	Frequency	Width			Time	Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



30MHz - 1GHz

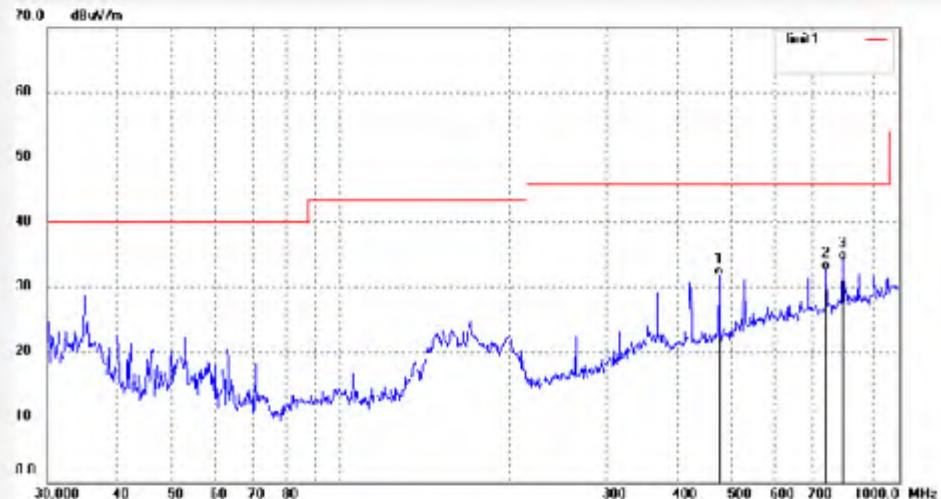


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Site: 2# Chamber
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Job No.: LGW2015 #2790	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	475.4990	37.12	-5.41	31.71	46.00	-14.29	QP			
2	739.6604	33.83	-1.21	32.62	46.00	-13.38	QP			
3	793.3958	34.27	-0.12	34.15	46.00	-11.85	QP			

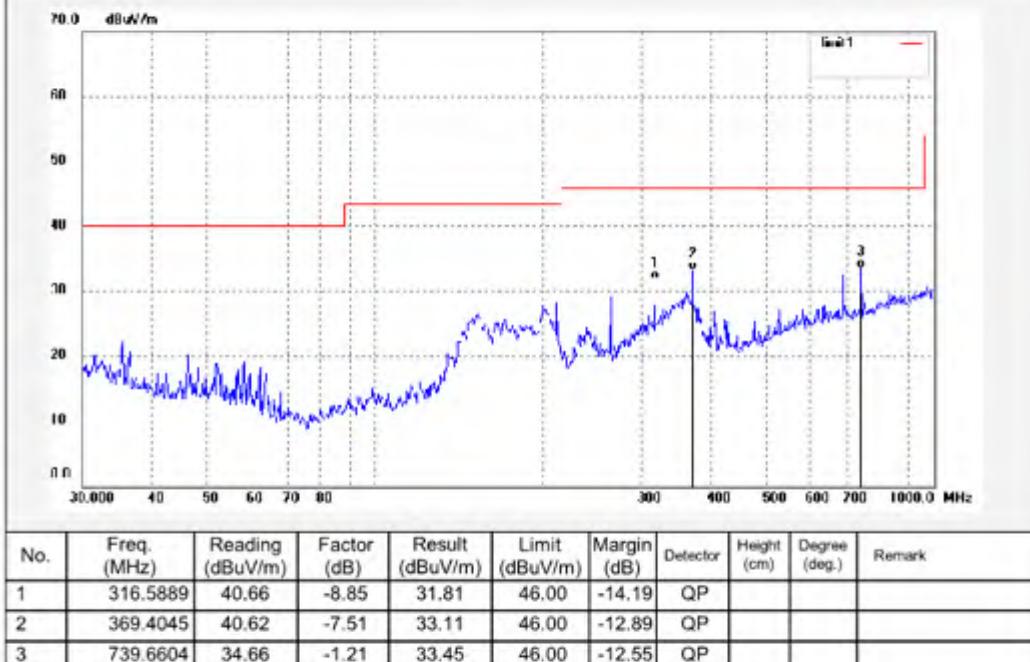


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Site: 2# Chamber
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Job No.: LGW2015 #2791	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



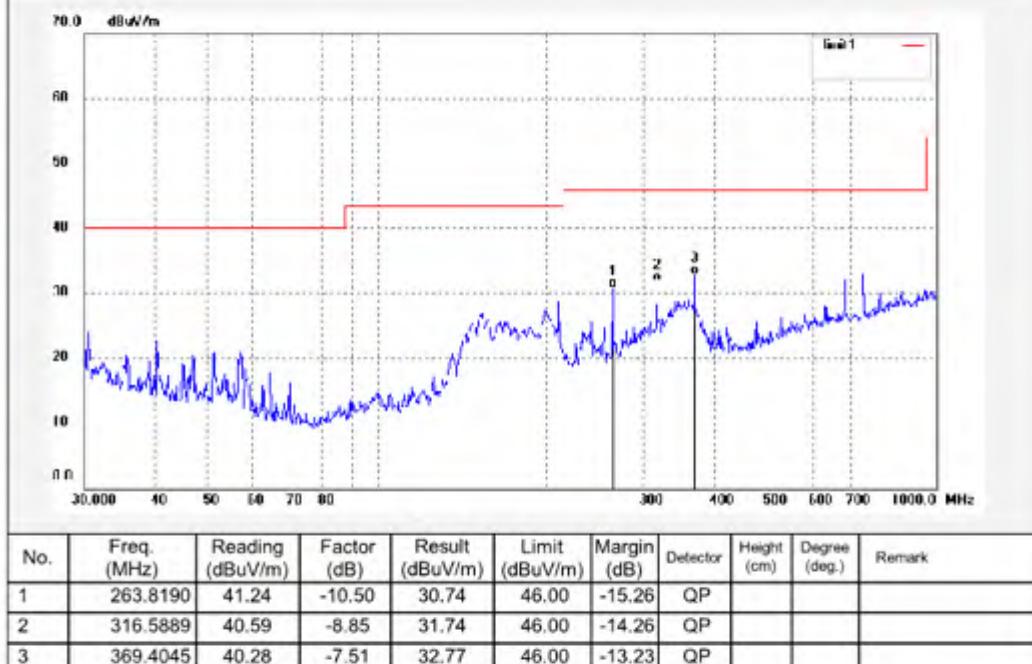


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: LGW2015 #2792	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



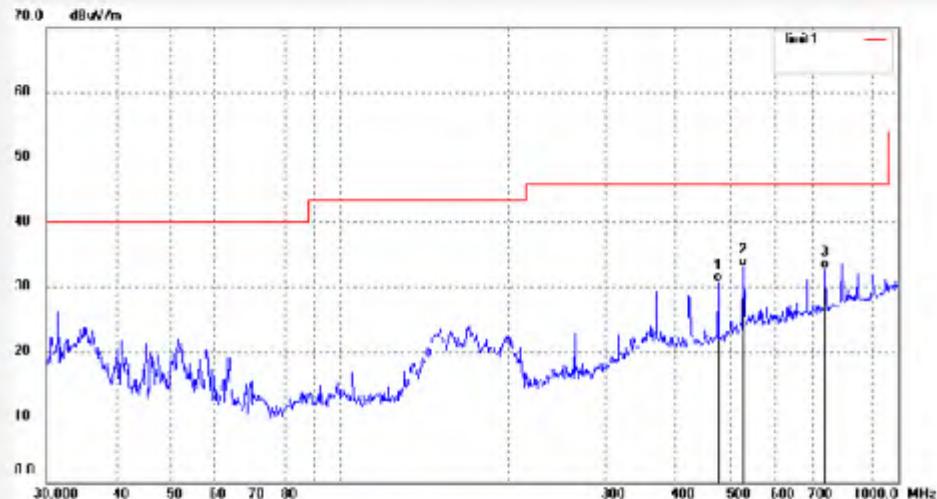


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Site: 2# Chamber
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Job No.: LGW2015 #2793	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	475.4990	36.05	-5.41	30.64	46.00	-15.36	QP			
2	528.2458	37.30	-4.22	33.08	46.00	-12.92	QP			
3	739.6604	34.10	-1.21	32.89	46.00	-13.11	QP			

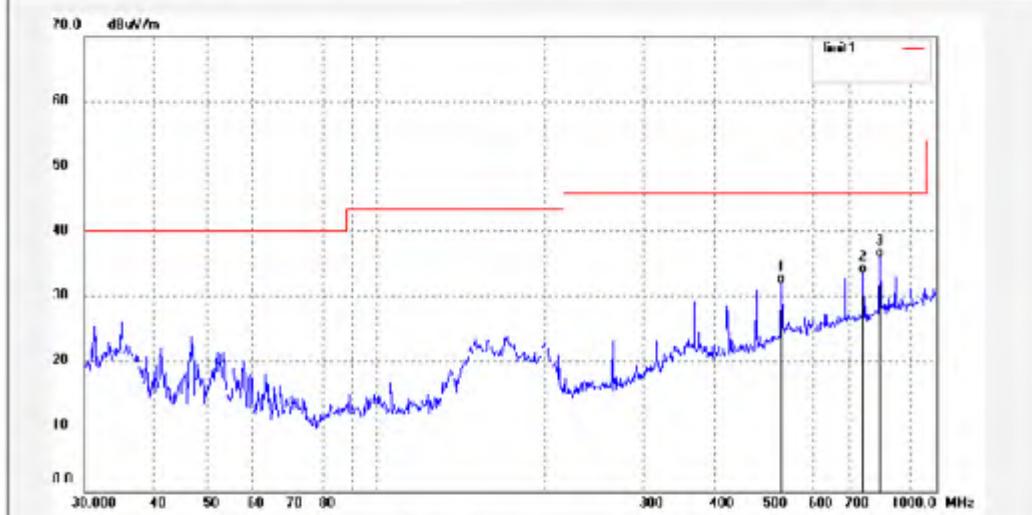


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Fax:+86-0755-26503396

Job No.: LGW2015 #2794	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	528.2458	36.18	-4.22	31.96	46.00	-14.04	QP			
2	739.6604	34.65	-1.21	33.44	46.00	-12.56	QP			
3	793.3958	36.07	-0.12	35.95	46.00	-10.05	QP			

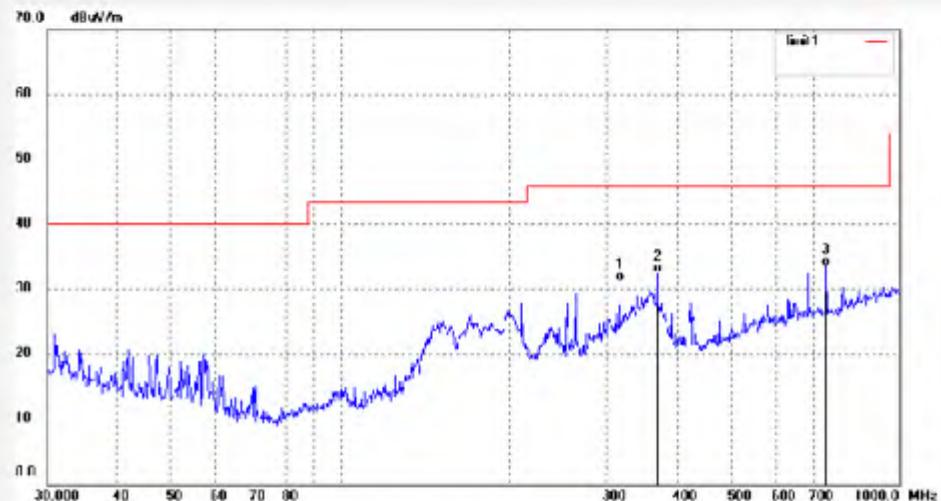


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Job No.: LGW2015 #2795	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	316.5889	40.05	-8.85	31.20	46.00	-14.80	QP			
2	369.4045	39.91	-7.51	32.40	46.00	-13.60	QP			
3	739.6604	34.68	-1.21	33.47	46.00	-12.53	QP			

1GHz - 18GHz

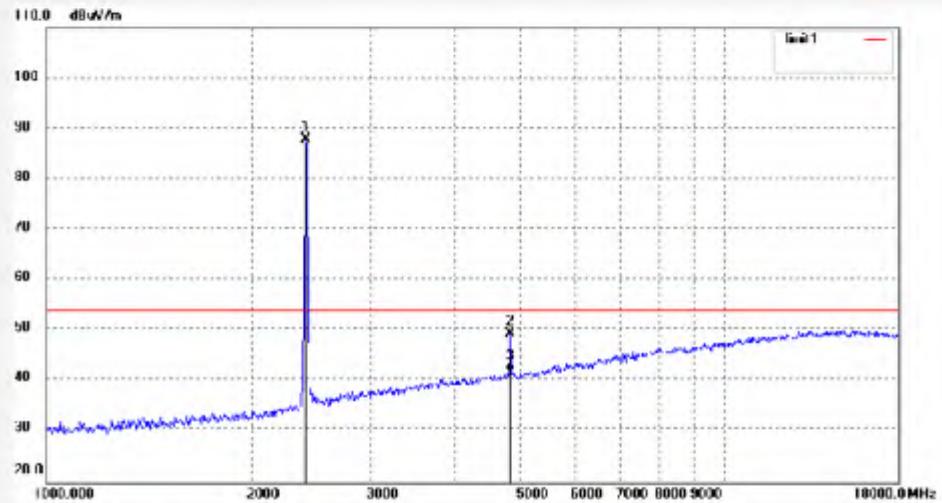


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Job No.: LGW2015 #2850	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C) / Hum. (%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



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	95.18	-7.43	87.75	/	/	peak			
2	4824.227	49.66	-0.19	49.47	74.00	-24.53	peak			
3	4824.227	41.84	-0.19	41.65	54.00	-12.35	AVG			

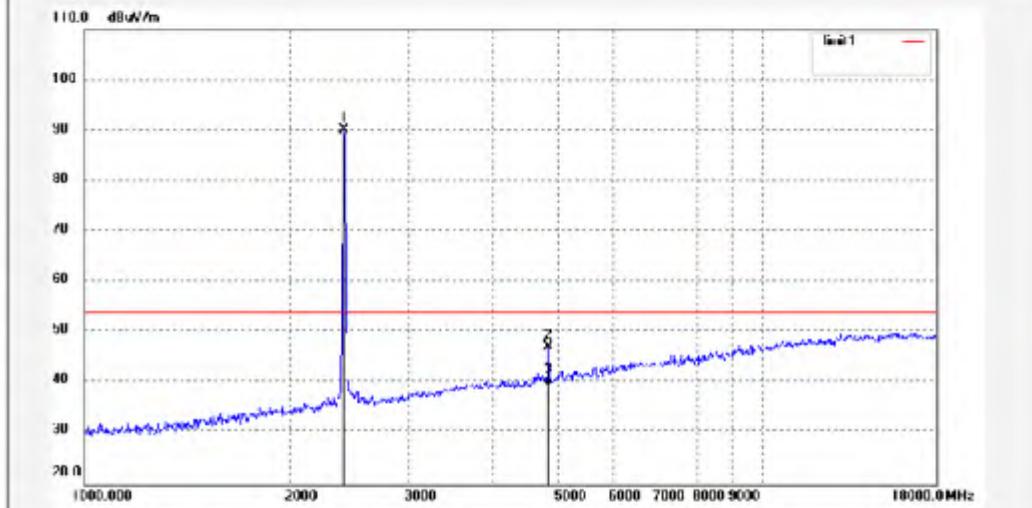


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Job No.: LGW2015 #2851	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	97.61	-7.43	90.18	/	/	peak			
2	4824.258	47.29	-0.19	47.10	74.00	-26.90	peak			
3	4824.258	39.70	-0.19	39.51	54.00	-14.49	AVG			

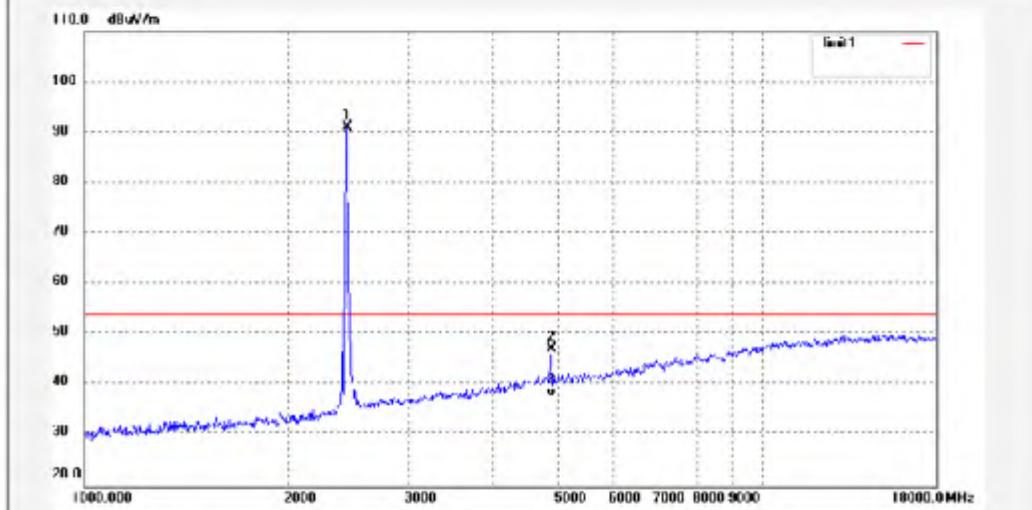


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Job No.: LGW2015 #2854	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



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	98.30	-7.36	90.94	/	/	peak			
2	4874.270	47.00	0.09	47.09	74.00	-26.91	peak			
3	4874.270	37.47	0.09	37.56	54.00	-16.44	AVG			

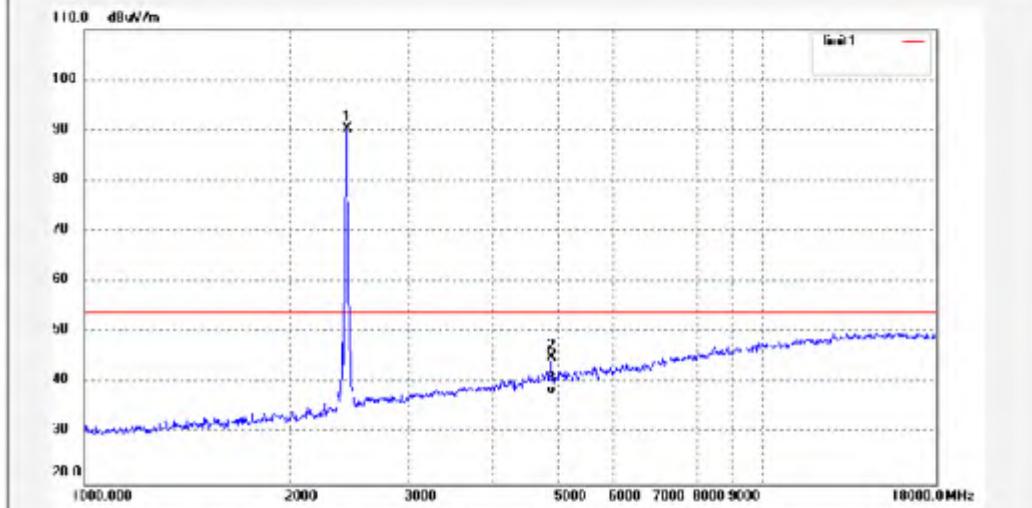


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Job No.: LGW2015 #2855	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



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	97.66	-7.36	90.30	/	/	peak			
2	4874.300	45.07	0.09	45.16	74.00	-28.84	peak			
3	4874.300	37.53	0.09	37.62	54.00	-16.38	AVG			

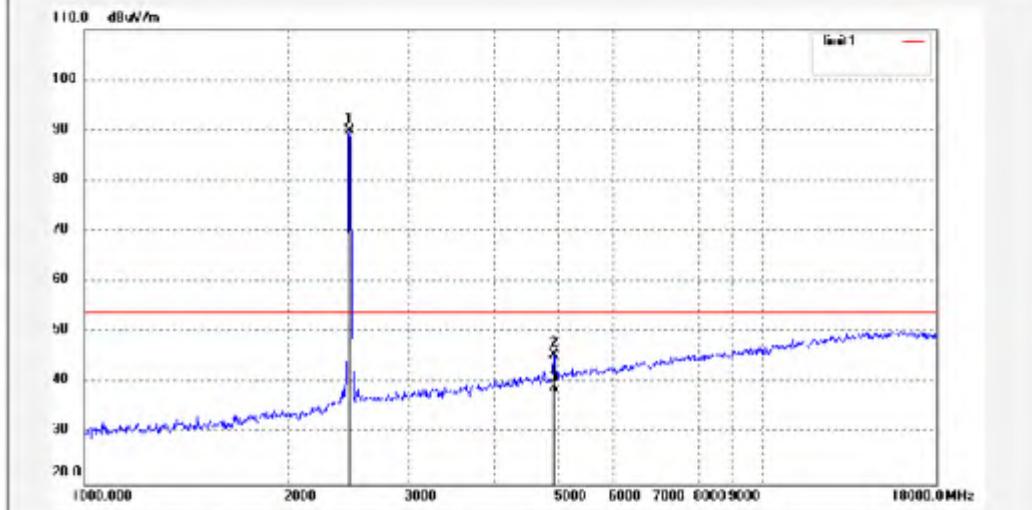


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Job No.: LGW2015 #2856	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



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	97.13	-7.35	89.78	/	/	peak			
2	4924.265	45.19	0.34	45.53	74.00	-28.47	peak			
3	4924.265	37.61	0.34	37.95	54.00	-16.05	AVG			

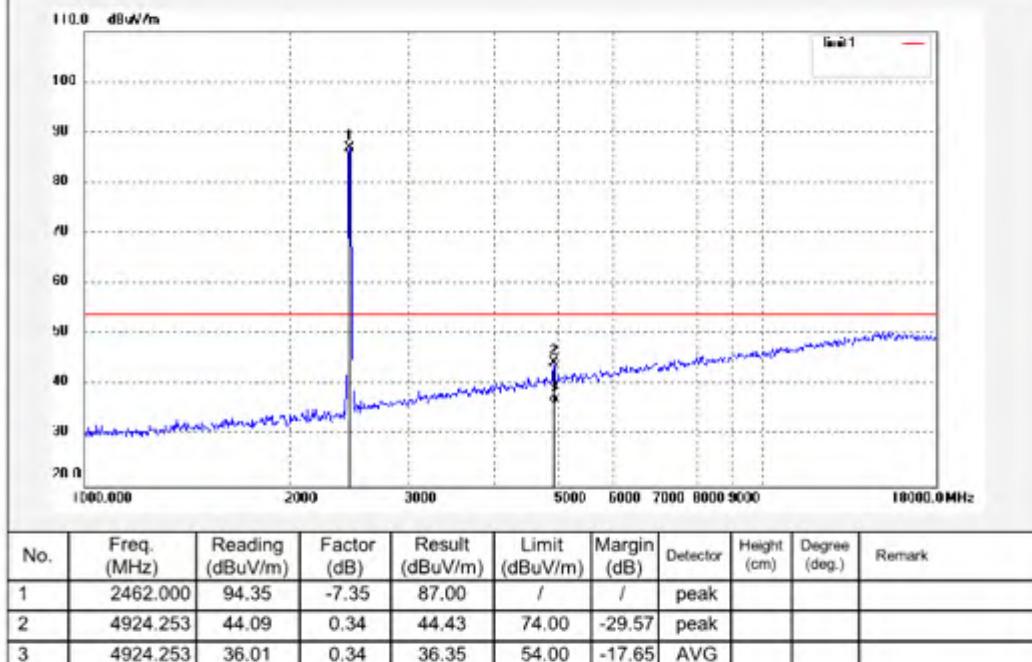


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Job No.: LGW2015 #2857	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



18GHz - 26GHz

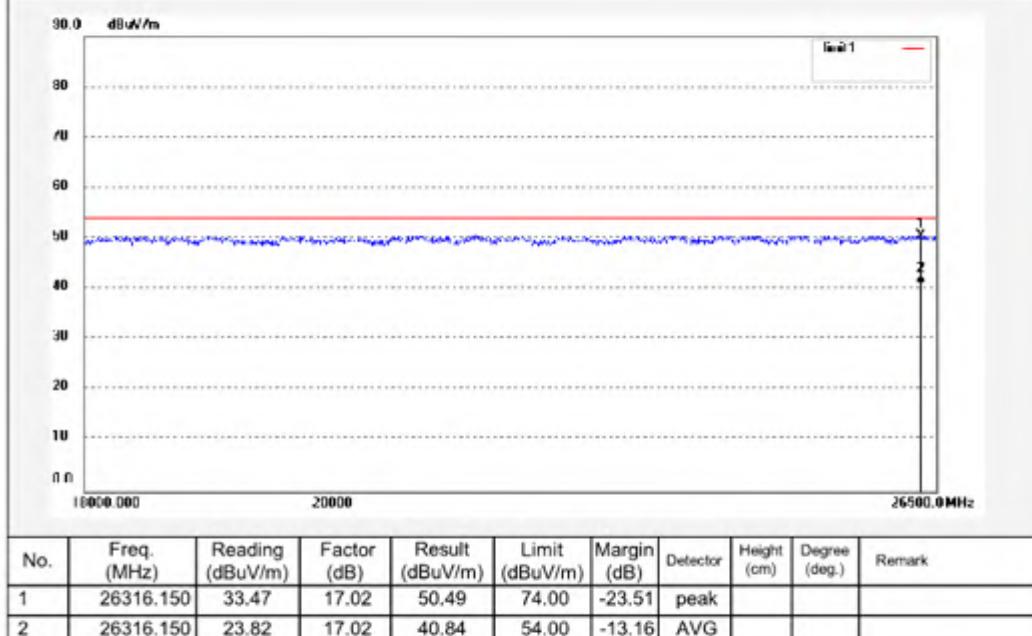


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Job No.: LGW2015 #2860	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



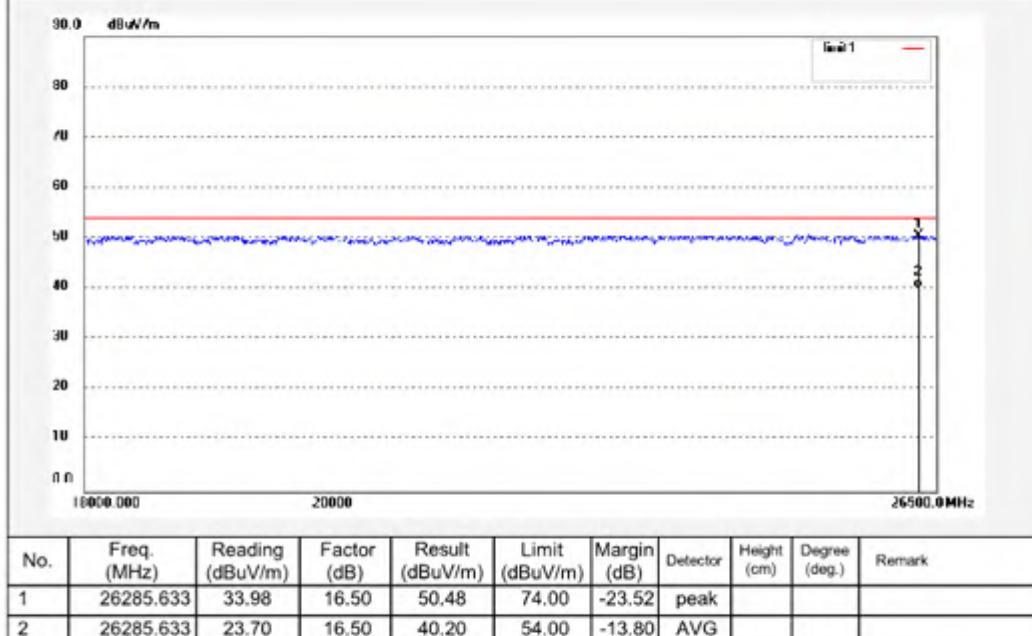


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Job No.: LGW2015 #2861	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



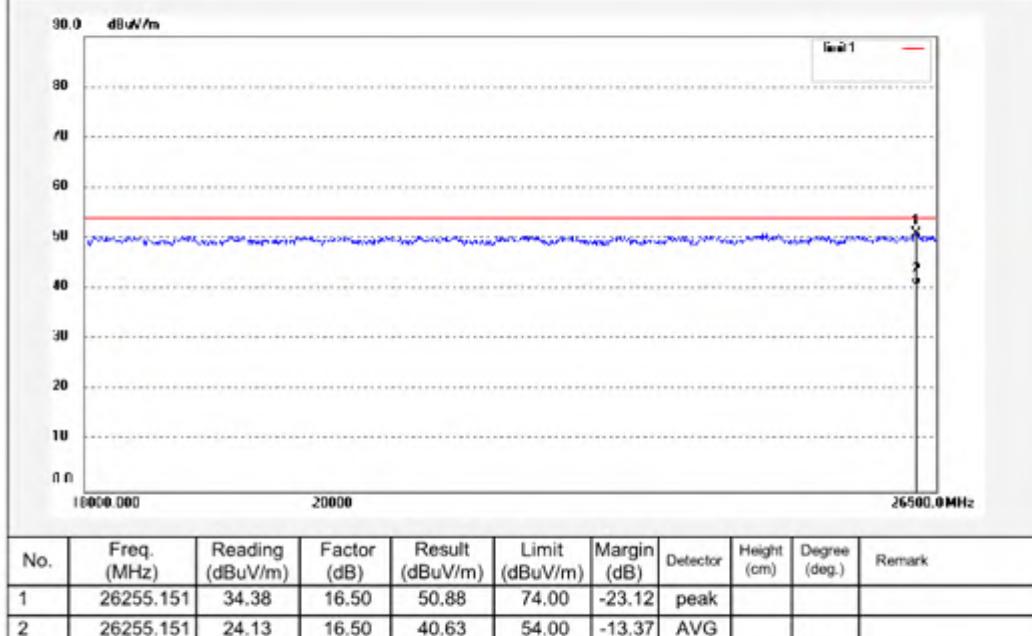


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Job No.: LGW2015 #2862	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



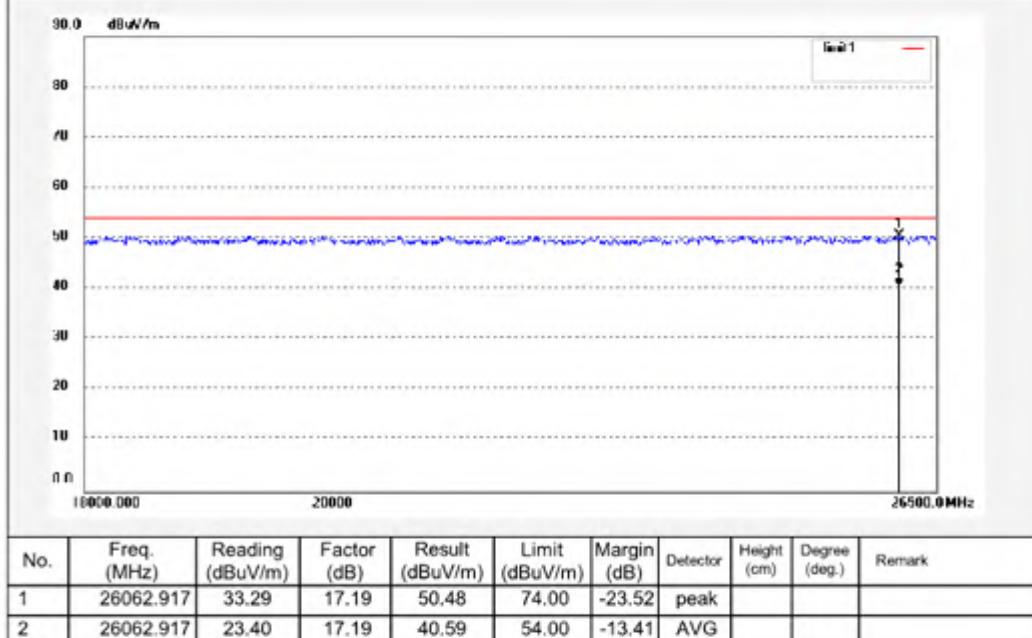


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Job No.: LGW2015 #2863	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2437MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



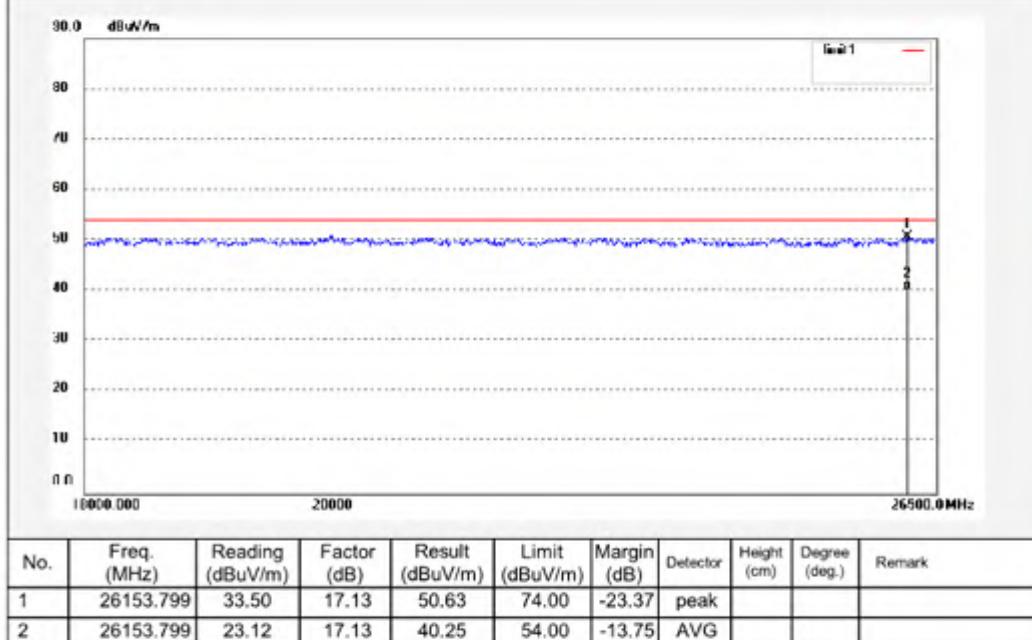


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Job No.: LGW2015 #2864	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26153.799	33.50	17.13	50.63	74.00	-23.37	peak			
2	26153.799	23.12	17.13	40.25	54.00	-13.75	AVG			

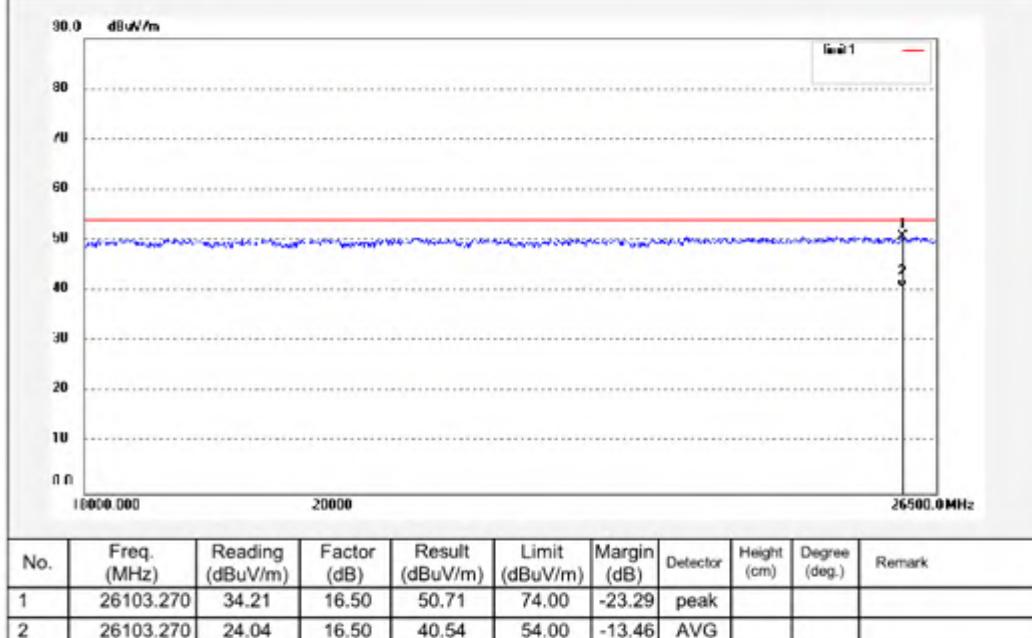


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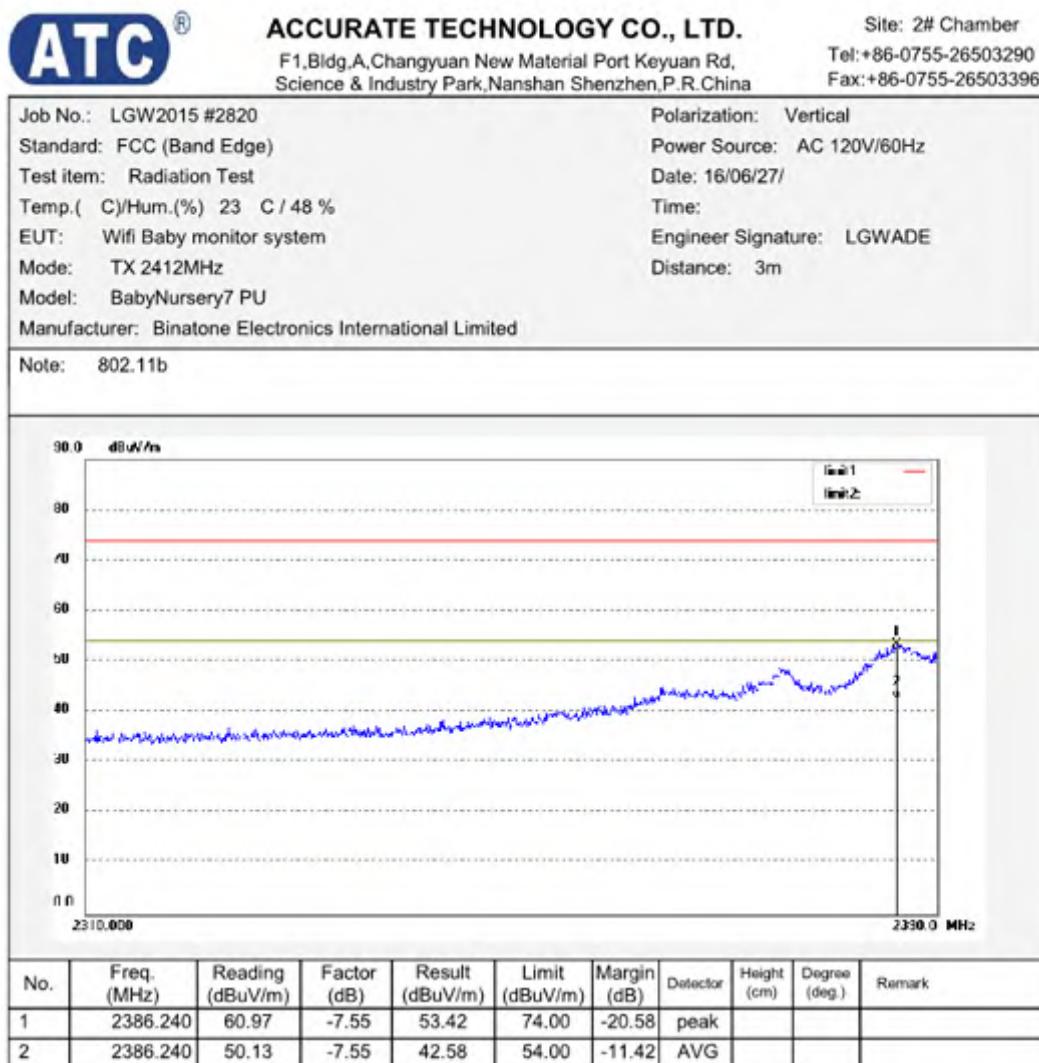
Site: 2# Chamber
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Job No.: LGW2015 #2865	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



Appendix D.2: Test Results of Radiated Emissions in Restricted Bands

PU Unit, Wi-Fi 802.11 b mode, 1 Mbps
Low channel



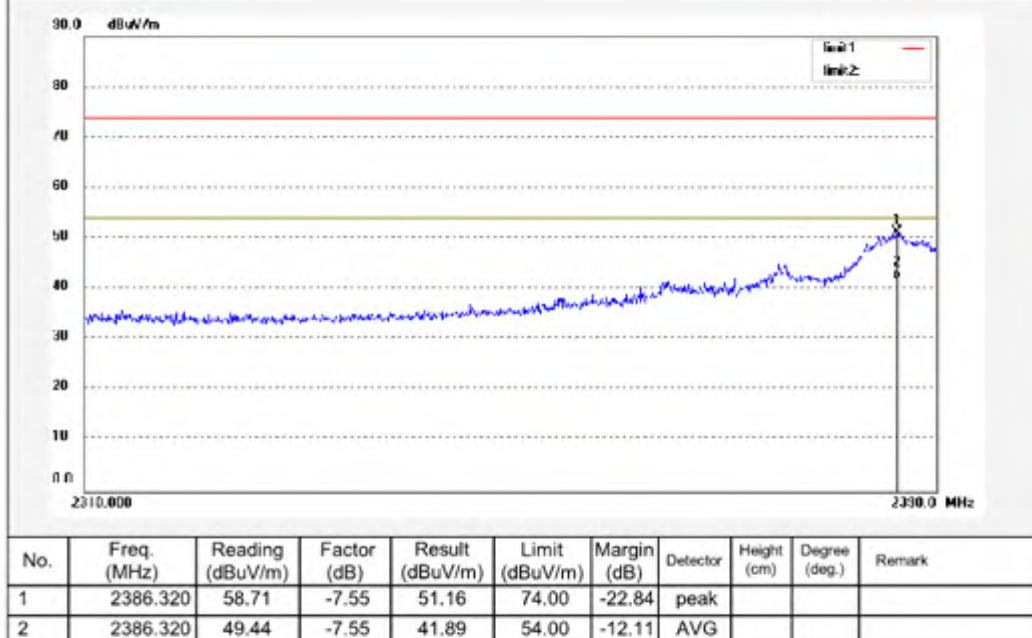


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Job No.: LGW2015 #2821	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11b	



High channel

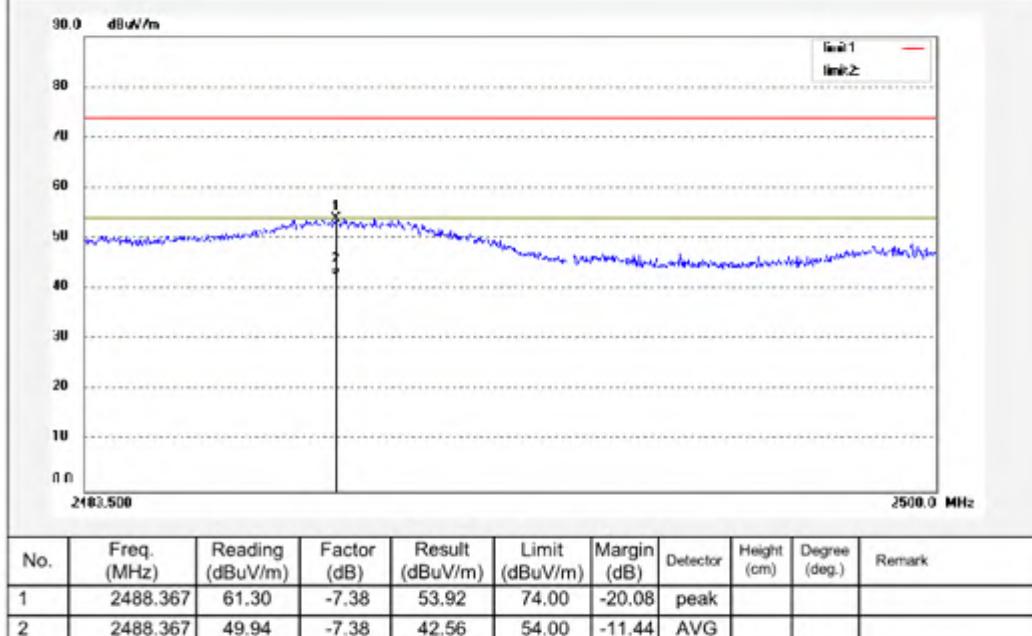


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Job No.: LGW2015 #2826	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11b	



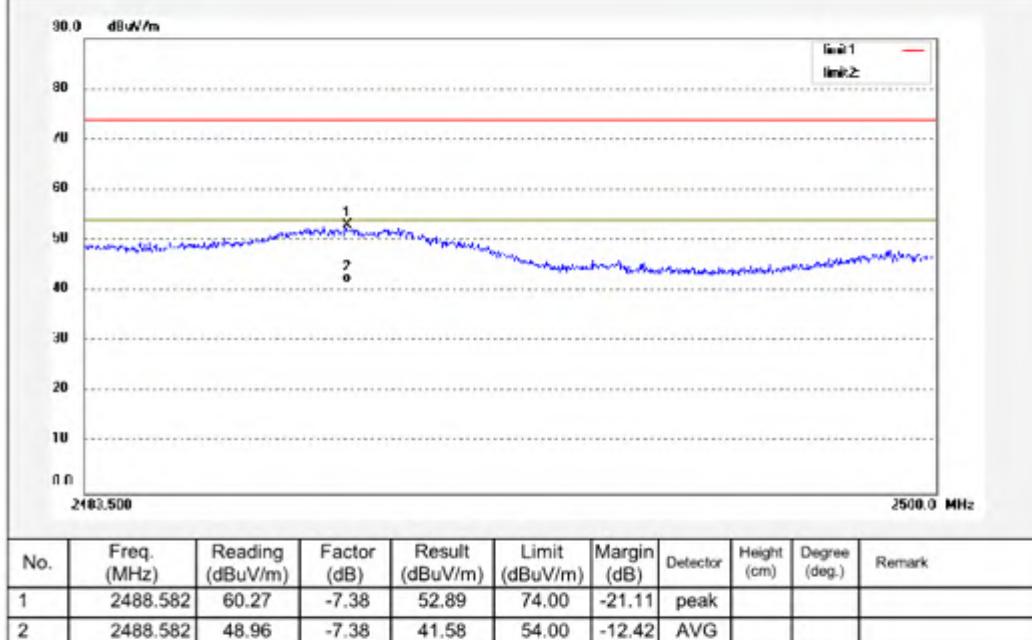


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Job No.: LGW2015 #2827	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11b	



**PU Unit, Wi-Fi 802.11 g mode, 6 Mbps
Low channel**



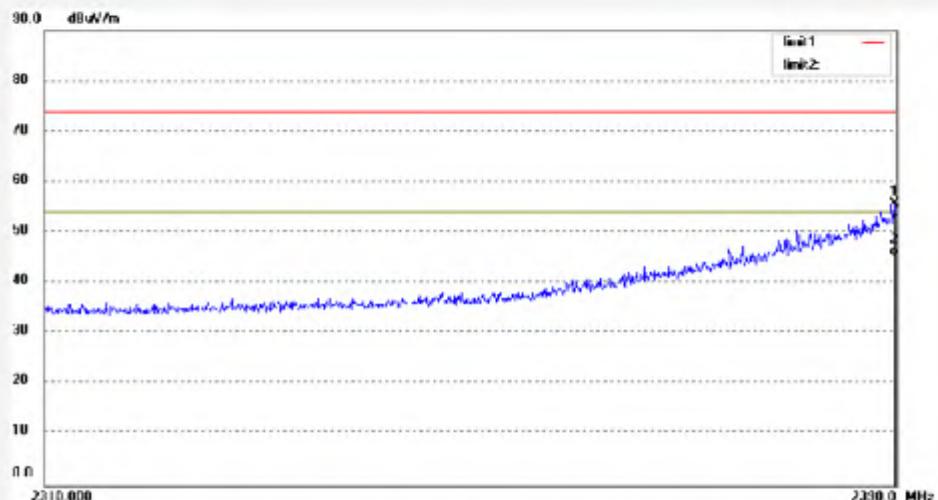
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Job No.:	LGW2015 #2836	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	16/06/27/
Temp.(C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Wifi Baby monitor system	Engineer Signature:	LGWADE
Mode:	TX 2412MHz	Distance:	3m
Model:	BabyNursery7 PU		
Manufacturer:	Binatone Electronics International Limited		

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	2389.840	63.15	-7.53	55.62	74.00	-18.38	peak			
2	2389.840	52.78	-7.53	45.25	54.00	-8.75	AVG			

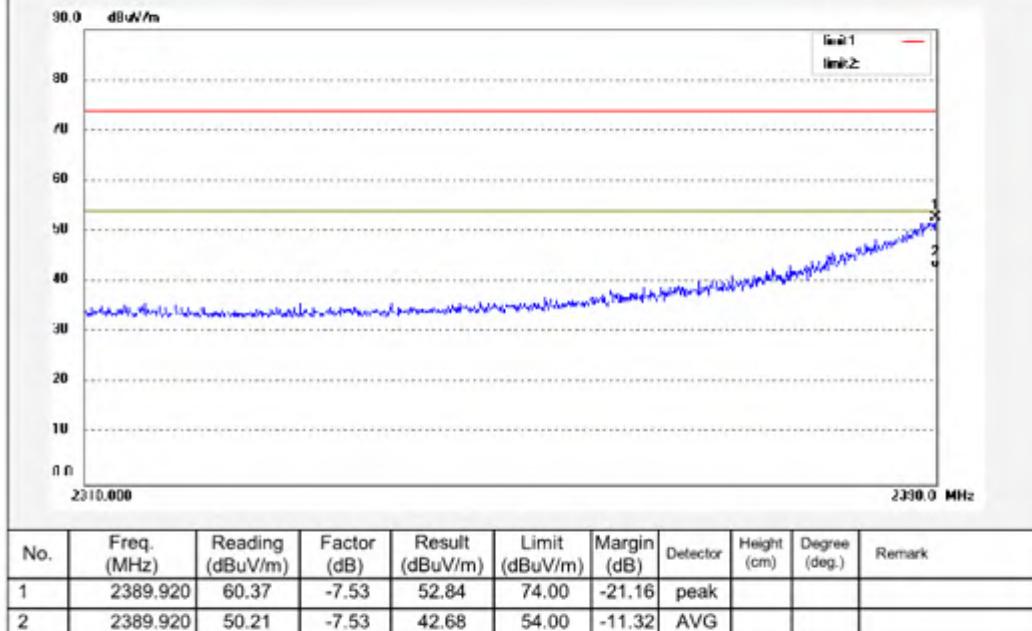


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Job No.: LGW2015 #2837	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	2389.920	60.37	-7.53	52.84	74.00	-21.16	peak			
2	2389.920	50.21	-7.53	42.68	54.00	-11.32	AVG			

High channel

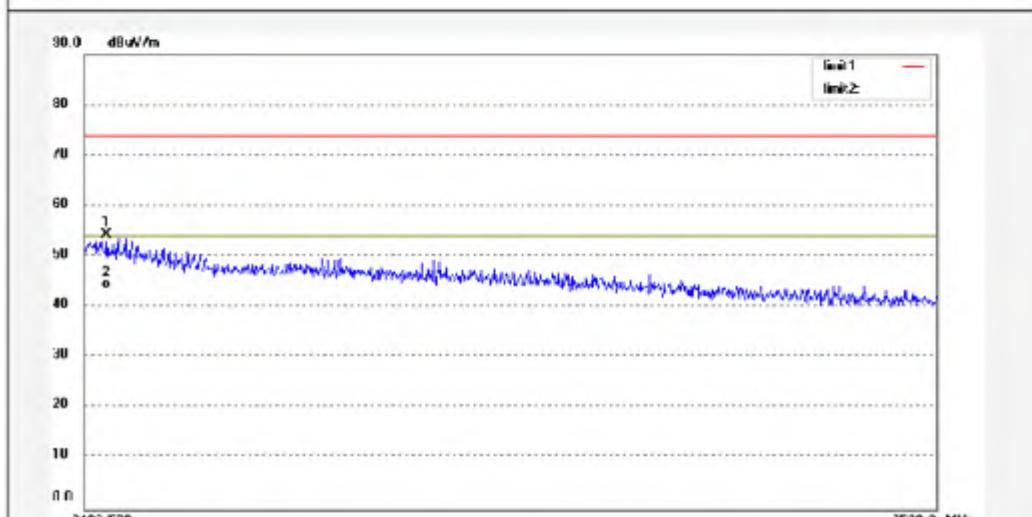


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Job No.: LGW2015 #2842	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	2483.929	61.76	-7.38	54.38	74.00	-19.62	peak			
2	2483.929	50.93	-7.38	43.55	54.00	-10.45	AVG			

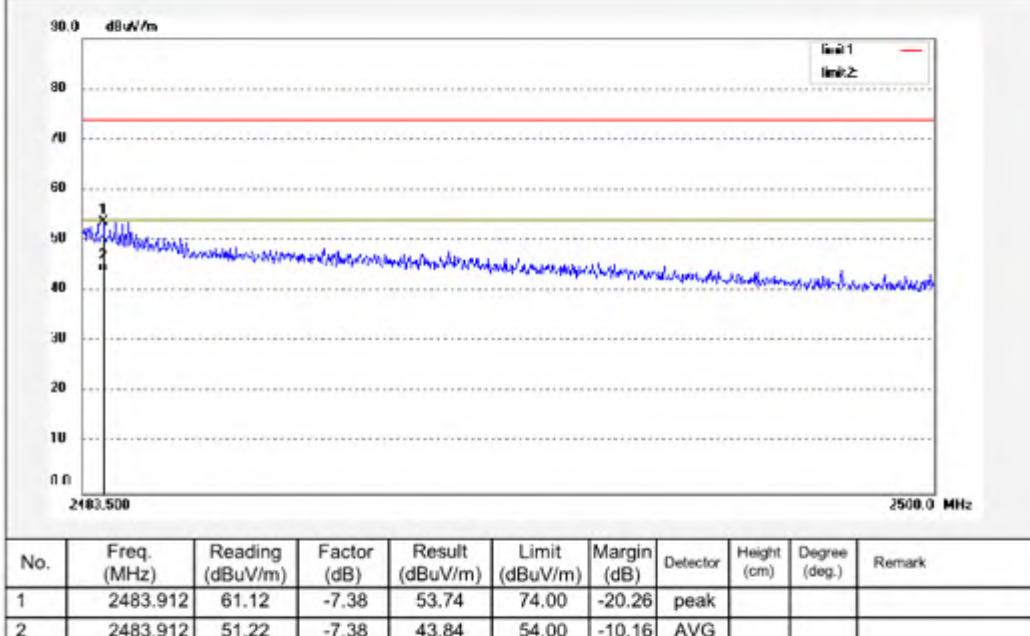


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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2843	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
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	2483.912	61.12	-7.38	53.74	74.00	-20.26	peak			
2	2483.912	51.22	-7.38	43.84	54.00	-10.16	AVG			

PU Unit, Wi-Fi 802.11 n(HT20) mode, MCS0 Mbps
Low channel



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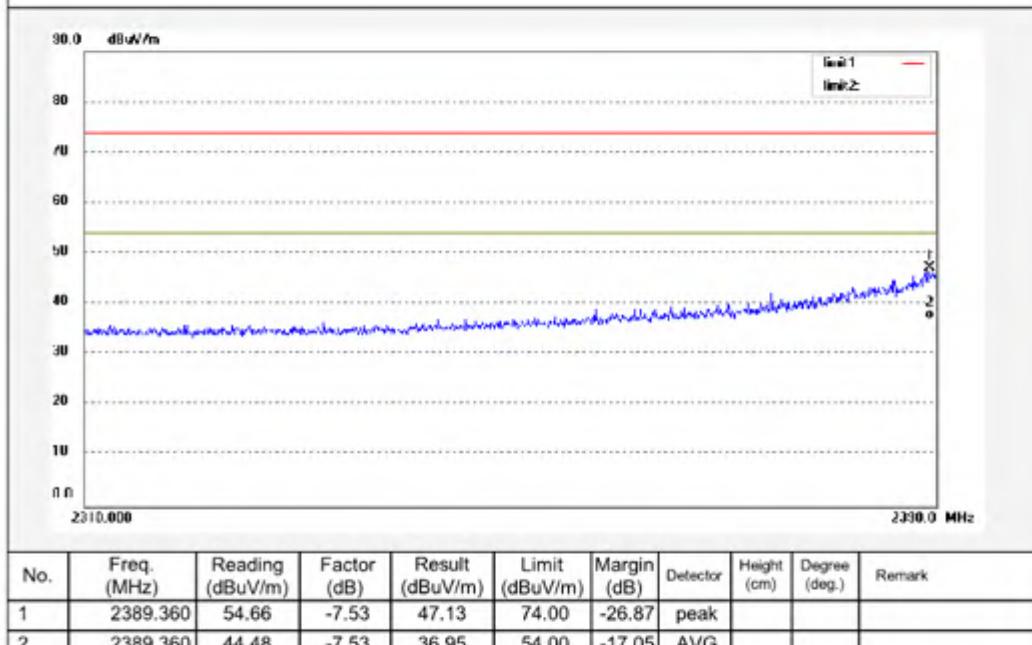
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.:	LGW2015 #2852	Polarization:	Vertical
Standard:	FCC (Band Edge)	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	16/06/27/
Temp.(C) /Hum.(%)	23 C / 48 %	Time:	
EUT:	Wifi Baby monitor system	Engineer Signature:	LGWADE
Mode:	TX 2412MHz	Distance:	3m
Model:	BabyNursery7 PU		
Manufacturer:	Binatone Electronics International Limited		
Note:	802.11n HT20		



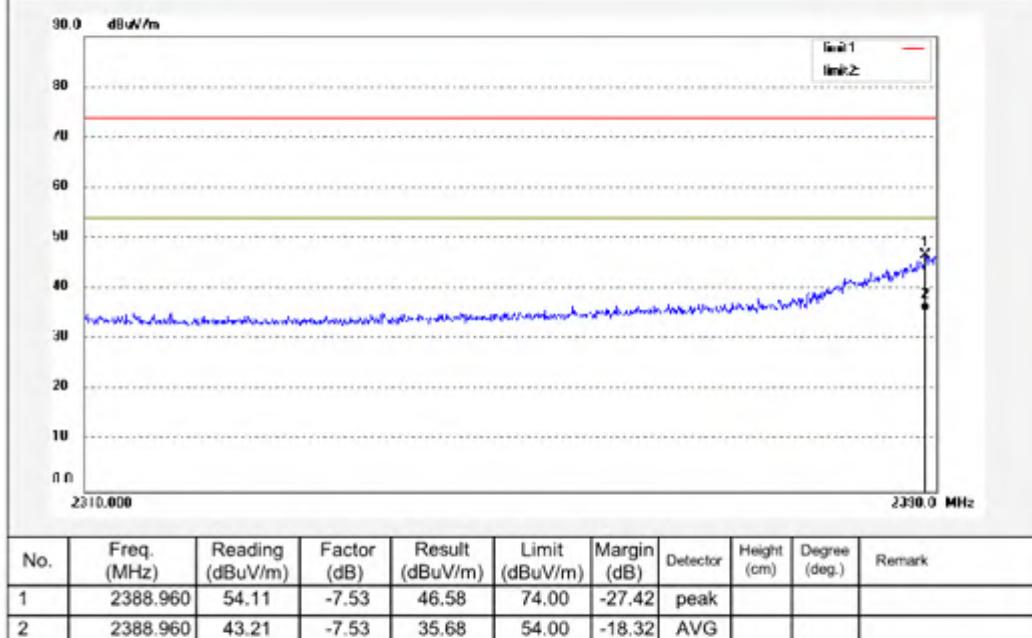


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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2015 #2853	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2412MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2388.960	54.11	-7.53	46.58	74.00	-27.42	peak			
2	2388.960	43.21	-7.53	35.68	54.00	-18.32	AVG			

High channel

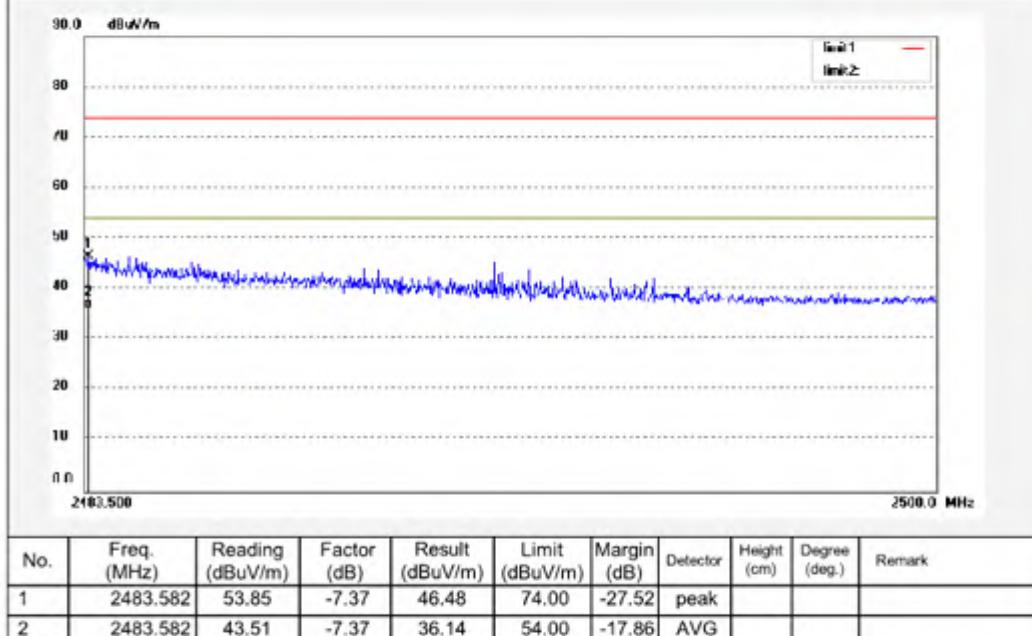


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Site: 2# Chamber
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Job No.: LGW2015 #2858	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp. (C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



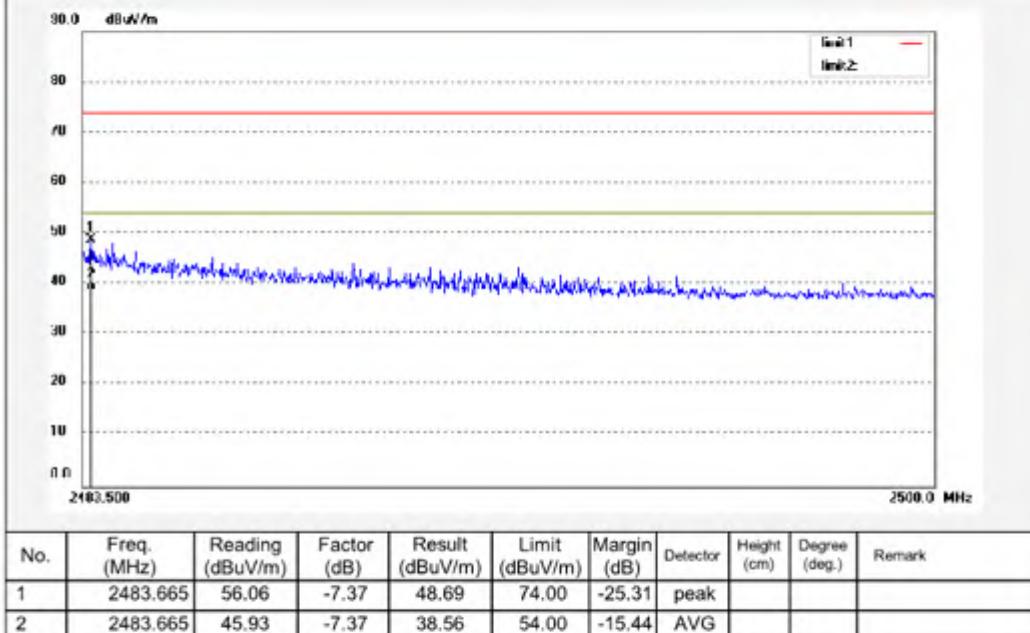


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Site: 2# Chamber
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Fax:+86-0755-26503396

Job No.: LGW2015 #2859	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 16/06/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Wifi Baby monitor system	Engineer Signature: LGWADE
Mode: TX 2462MHz	Distance: 3m
Model: BabyNursery7 PU	
Manufacturer: Binatone Electronics International Limited	
Note: 802.11n HT20	



Appendix D.3: Test Results of Conducted Emission on AC Mains PU Unit, B mode

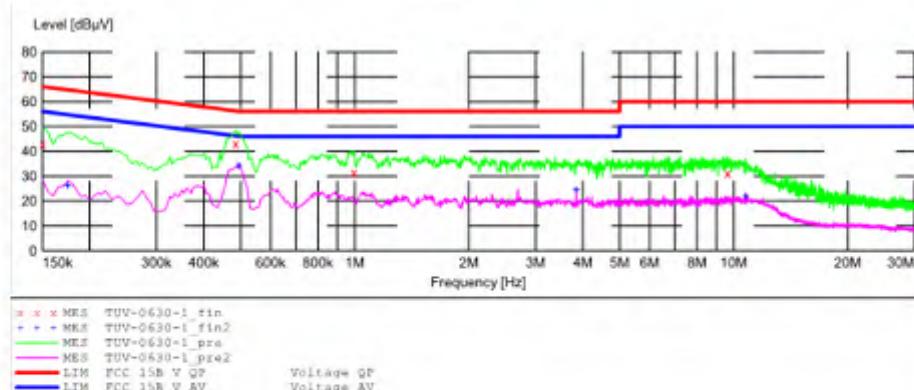
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CONDUCTED EMISSION STANDARD FCC PART 15 C

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: B
Test Site: 1#Shielding Room
Operator: LGNADE
Test Specification: L 120V/60Hz
Comment: Mains Port
Start of Test: 6/30/2016 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB_STD_VTERM2 1.70
Start Stop Step Detector Meas. IF Transducer
Frequency Frequency Width Time Bandw.
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
Average
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
Average



MEASUREMENT RESULT: "TUV-0630-1_fin"

6/30/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB μ V	dB	dB μ V	dB			
	0.150000	43.00	10.5	66	23.0	QP	L1	GND
	0.485000	43.10	10.7	56	13.2	QP	L1	GND
	0.995000	31.50	10.8	56	24.5	QP	L1	GND
	9.630000	31.20	11.3	60	28.8	QP	L1	GND

MEASUREMENT RESULT: "TUV-0630-1_fin2"

6/30/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB μ V	dB	dB μ V	dB			
	0.175000	26.20	10.5	55	28.5	AV	L1	GND
	0.495000	34.10	10.7	46	12.0	AV	L1	GND
	3.840000	24.50	11.1	46	21.5	AV	L1	GND
	10.750000	21.80	11.3	50	28.2	AV	L1	GND

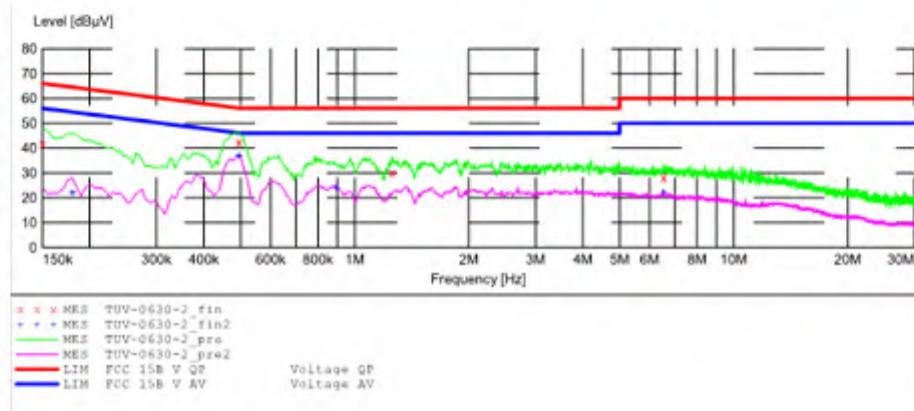
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 C

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: B
Test Site: 1#Shielding Room
Operator: LGMADE
Test Specification: N 120V/60Hz
Comment: Mains Port
Start of Test: 6/30/2016 /

SCAN TABLE: "V 9K-30MHz fin"

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer Bandw.
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
			Average			Average



MEASUREMENT RESULT: "TUV-0630-2_fin"

6/30/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB _μ V	dB	dB _μ V	dB			
	0.150000	41.60	10.5	66	24.4	QP	N	GND
	0.495000	42.30	10.7	56	13.8	QP	N	GND
	1.255000	30.10	10.9	56	25.9	QP	N	GND
	6.530000	28.10	11.2	60	31.9	QP	N	GND

MEASUREMENT RESULT: "TUV-0630-2_fin2"

6/30/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB _μ V	dB	dB _μ V	dB			
	0.180000	22.00	10.5	55	32.5	AV	N	GND
	0.495000	36.90	10.7	46	9.2	AV	N	GND
	0.895000	24.00	10.8	46	22.0	AV	N	GND
	6.530000	22.20	11.2	50	27.8	AV	N	GND