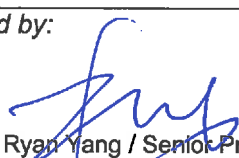


Prüfbericht-Nr.: <i>Test report No.:</i>	50049979 001	Auftrags-Nr.: <i>Order No.:</i>	164063836	Seite 1 von 25 <i>Page 1 of 25</i>
Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date.:</i>	17.05.2016	
Auftraggeber: <i>Client:</i>	Binatone Electronics International Ltd. 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 FCC 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 Yang / Senior Project Engineer		 05.08.2016 Owen Tian / Technical Certifier		
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>
Sonstiges / Other:				
Only evaluate the general 2.4GHz wireless 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(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specifications(s) F(ail) = 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>				

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

RESULT: Pass

5.1.3 99% BANDWIDTH

RESULT: Pass

5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH

RESULT: Pass

5.1.5 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.6 20dB BANDWIDTH

RESULT: Pass

5.1.7 CARRIER FREQUENCY SEPARATION

RESULT: Pass

5.1.8 NUMBER OF HOPPING FREQUENCY

RESULT: Pass

5.1.9 TIME OF OCCUPANCY

RESULT: Pass

5.1.10 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 A: Test Results of General 2.4GHz wireless of Conducted Testing

Appendix B: Test Results of General 2.4GHz wireless 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.

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
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		± 2.0 dB
Radiated Emission (9kHz-30MHz)	Field strength (dB μ V/m)	U=3.08dB, k=2, σ =95%
Radiated Emission (30-1000MHz)	Field strength (dB μ V/m)	U=4.42dB, k=2, σ =95%
Radiated Emission (above 1000MHz)	Field strength (dB μ V/m)	U=4.06dB, k=2, σ =95%
Radio Spectrum		± 0.60 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B 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	Value
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

Table 3: RF Channel and Frequency of general 2.4GHz wireless

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
01	2402	09	2430	17	2467
02	2404	10	2435	18	2469
03	2406	11	2440	19	2471
04	2408	12	2445	20	2473
05	2410	13	2450	21	2475
06	2415	14	2455	22	2477
07	2420	15	2460	/	/
08	2425	16	2465	/	/

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, General 2.4GHz wireless transmitting
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. On, Transmitting on hopping channel
- C. On, General 2.4GHz wireless transmitting with AD/DC adapter
- D. 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)

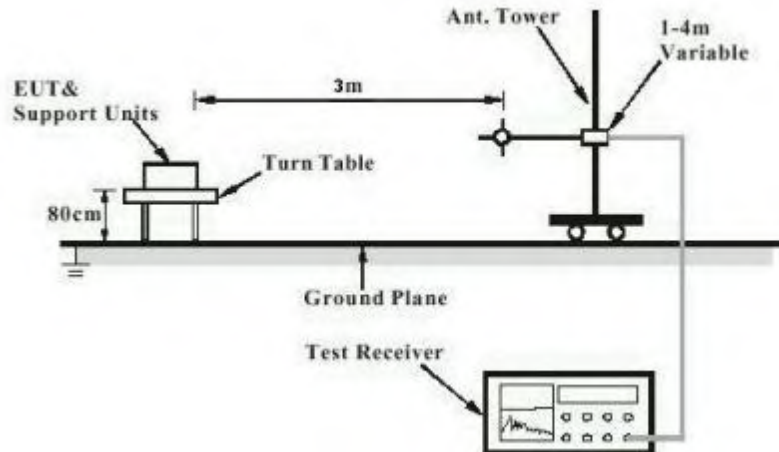


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

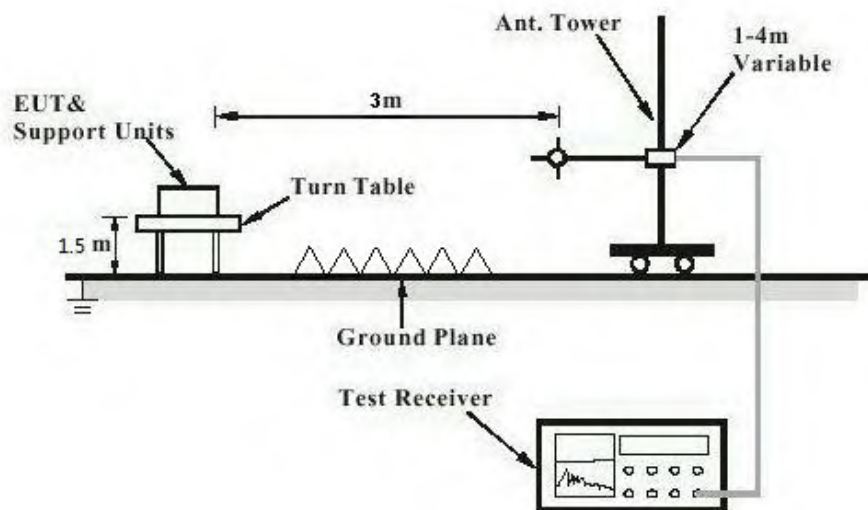


Diagram of Measurement Configuration for Mains Conduction Measurement

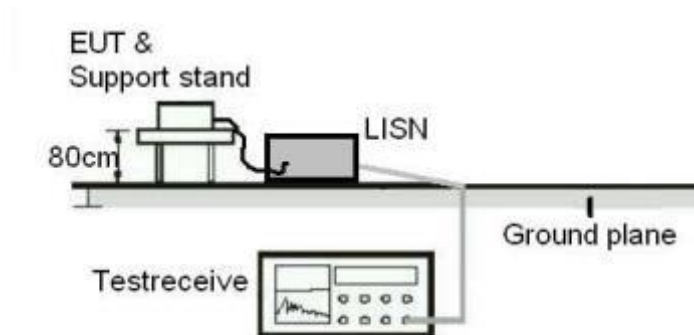
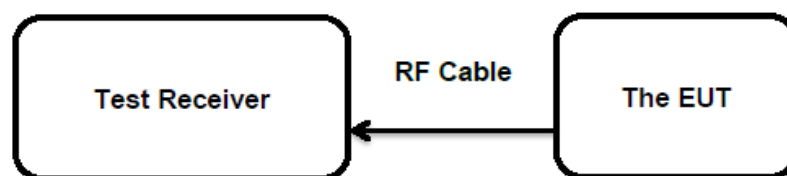


Diagram of Measurement Configuration for Conducted Transmitter Measurement



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.

5.1.2 Maximum Peak Conducted Output Power

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(b)(1)
RSS-247 Clause 5.4(2)

Basic standard : ANSI C63.10: 2013

Limits : 0.125 Watts

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

Table 5: Test Result of Maximum Peak Conducted Output Power

Test EUT	Channel Frequency (MHz)	Measured Peak Output Power		Limit (W)
		(dBm)	(W)	
PU	2402	18.23	0.06653	< 0.125
	2440	18.47	0.07031	
	2477	18.46	0.07015	
Maximum Measured Value		18.47	0.07031	

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

For the measurement records, refer to the appendix A.

5.1.3 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 : 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

Table 6: Test Result of 99% Bandwidth

Test EUT	Test Channel (MHz)	99% Bandwidth (MHz)	Limit (kHz)
PU	2402	1.628	/
	2440	1.611	
	2477	1.667	
Minimum Measured Value		1.611	

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

For the measurement records, refer to the appendix A.

5.1.4 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	: 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

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 A.

5.1.5 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 Issue 4 Table 4
Kind of test site	: 3m Semi-anechoic Chamber

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

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.

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

For the measurement records, refer to the appendix B.

5.1.6 20dB Bandwidth

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.247(a)(1)
RSS-247 Clause 5.1(1)

Basic standard : ANSI C63.10: 2013

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

Table 7: Test Result of 20dB Bandwidth

Test EUT	Channel Frequency (MHz)	20dB Bandwidth (kHz)	2/3 of 20dB Bandwidth (kHz)	Limit (MHz)
PU	2402	1398.00	960.867	/
	2440	1399.30	960.933	
	2477	1358.90	966.733	
Maximum Measured Value		1450.10	966.733	/

For the measurement records, refer to the appendix A.

5.1.7 Carrier Frequency Separation

RESULT:
Pass
Test Specification

Test standard	: FCC Part 15.247(a)(1) RSS-247 Clause 5.1(2)
Basic standard	: ANSI C63.10: 2013
Limits	: $\geq 25\text{kHz}$ or $2/3$ of 20dB bandwidth, whichever is greater
Kind of test site	: Shielded Room

Test Setup

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

Table 8: Test Result of Carrier Frequency Separation

Test EUT	Test Channel	Channel Frequency (MHz)	Measured Channel Separation (KHz)	Limit (kHz)
PU	Low Channel	2402	2005.8	≥ 25kHz or 2/3 of 20dB bandwidth
	Adjacency Channel	2404		
	Middle Channel	2440	5001.0	
	Adjacency Channel	2445		
	High Channel	2475	2005.8	
	Adjacency Channel	2477		

Note: The limit is maximum $2/3$ of the 20 dB bandwidth: 966.733 KHz.

For the measurement records, refer to the appendix A.

5.1.8 Number of Hopping Frequency

RESULT:**Pass****Test Specification**

Test standard : FCC part 15.247(a)(1)(iii)
RSS-247 Clause 5.1(4)

Basic standard : ANSI C63.10: 2013

Limits : ≥ 15 non-overlapping channels

Kind of test site : Shielded Room

Test Setup

Date of testing : 30.06.2016

Input voltage : AC 120V, 60Hz

Operation mode : B

Ambient temperature : 25 °C

Relative humidity : 56 %

Atmospheric pressure : 101 kPa

Table 9: Test Result of Number of Hopping Frequency

Test EUT	Frequency Range	Measured Quantity of Hopping Channel	Limit
PU	2402 to 2477 MHz	22	≥ 15

For the measurement records, refer to the appendix A.

5.1.9 Time of Occupancy

RESULT:**Pass****Test Specification**

Test standard : FCC part 15.247(a)(1)(iii)
RSS-247 Clause 5.1(4)

Basic standard : ANSI C63.10: 2013

Limits : < 0.4s

Kind of test site : Shielded Room

Test Setup

Date of testing : 30.06.2016

Input voltage : AC 120V, 60Hz

Operation mode : B

Test channel : Low / Middle / High

Ambient temperature : 25 °C

Relative humidity : 56 %

Atmospheric pressure : 101 kPa

Table 10: Test Result of Time of Occupancy

Test EUT	Test Channel (MHz)	Pulse width (ms)	Number of Channels	Measured Dwell time (s)	Limit (s)
PU	2402	0.275	340	0.093	0.4s
	2440	0.275	342	0.094	
	2477	0.283	349	0.099	

Note:

Dwell time = Pulse width x Number of channels in Period

Period = 0.4 (seconds/ channel) x 22 (channel) = 8.8 seconds

For the measurement records, refer to the appendix A.

5.1.10 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

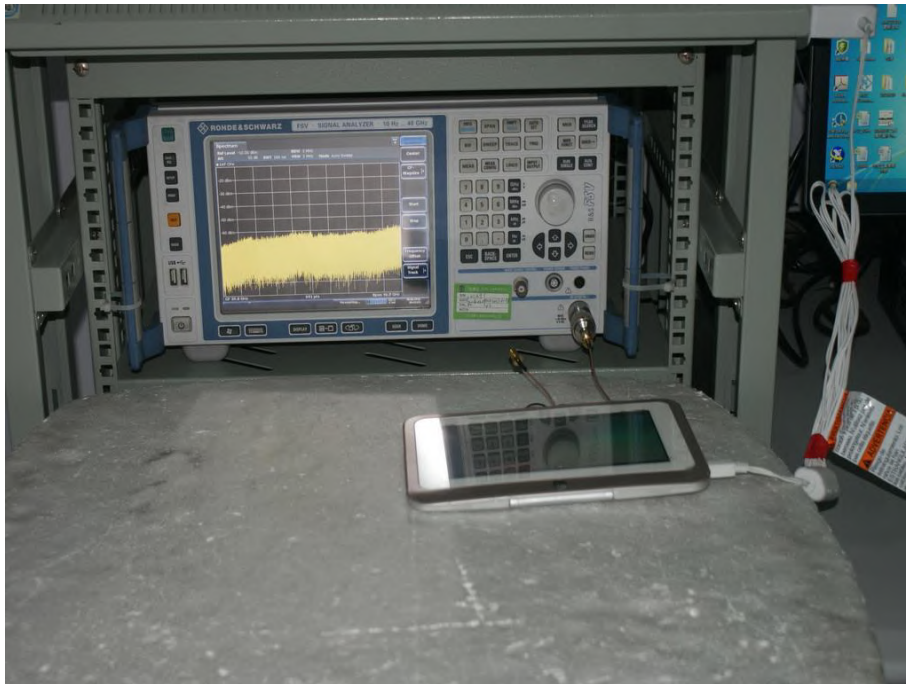
Test Setup

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

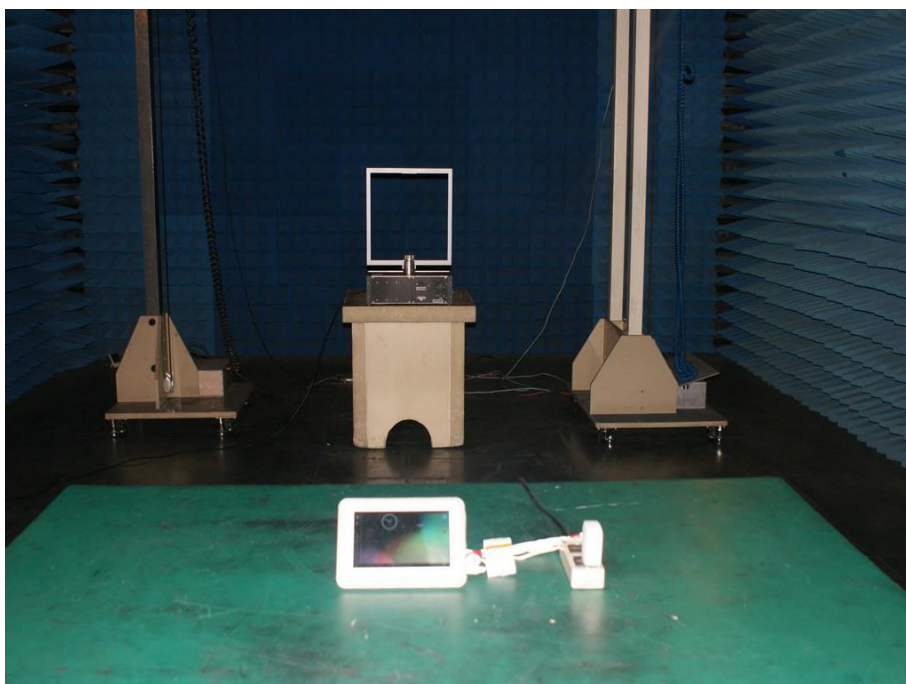
For the measurement records, refer to the appendix B.

6 Photographs of the Test Set-Up

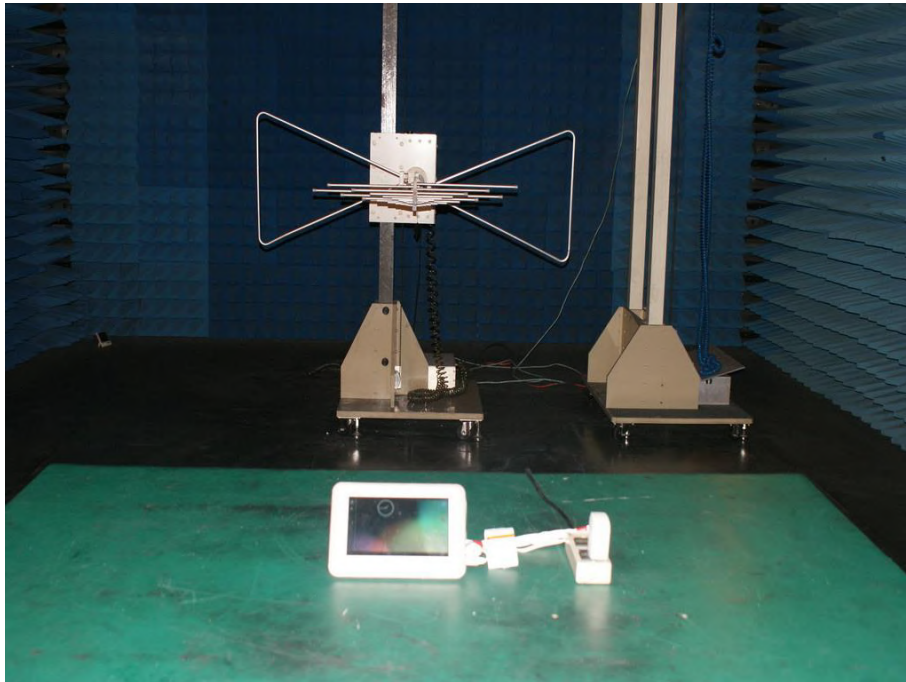
Photograph 1: Set-up for Radio Spectrum Test



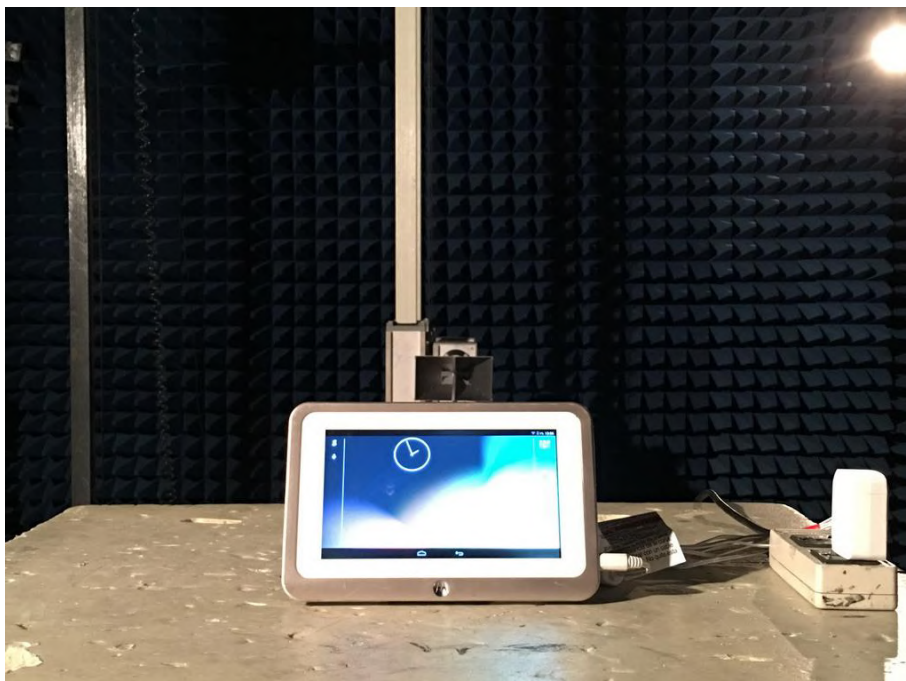
Photograph 2: Set-up for Radiated Spurious Emission (9kHz ~ 30MHz)



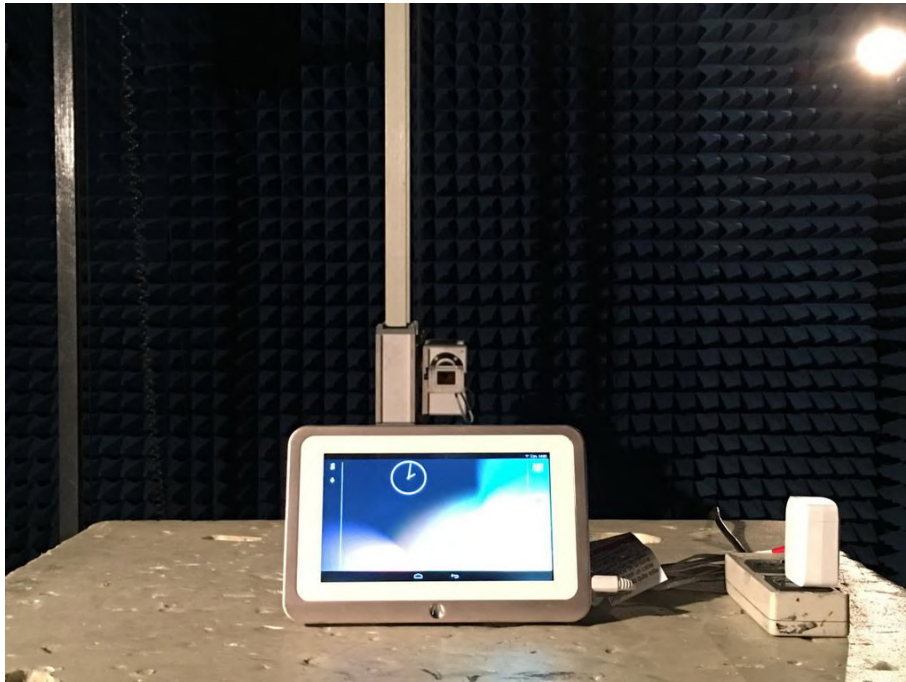
Photograph 3: Set-up for Radiated Spurious Emission (30MHz~1GHz)



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



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



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



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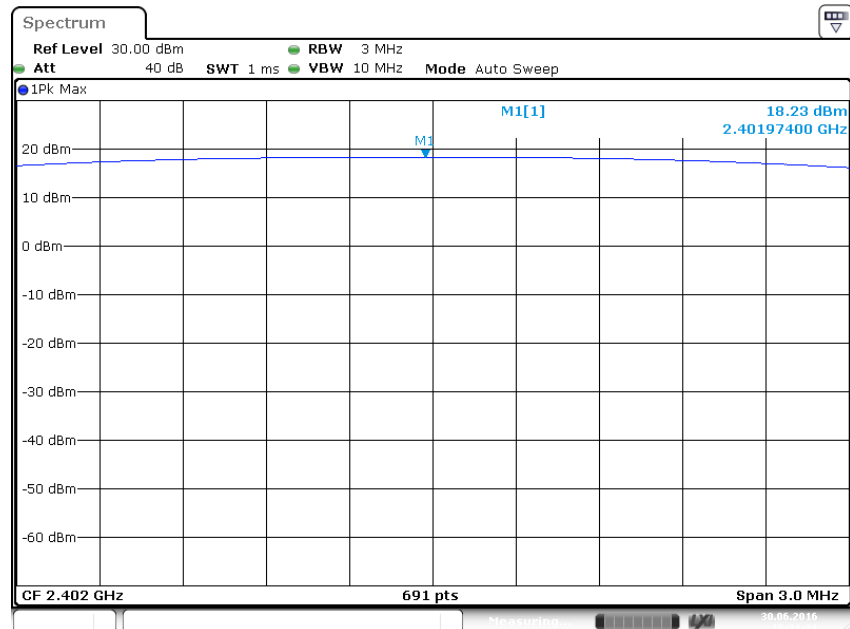
Appendix A

Test Results of General 2.4GHz wireless of Conducted Testing

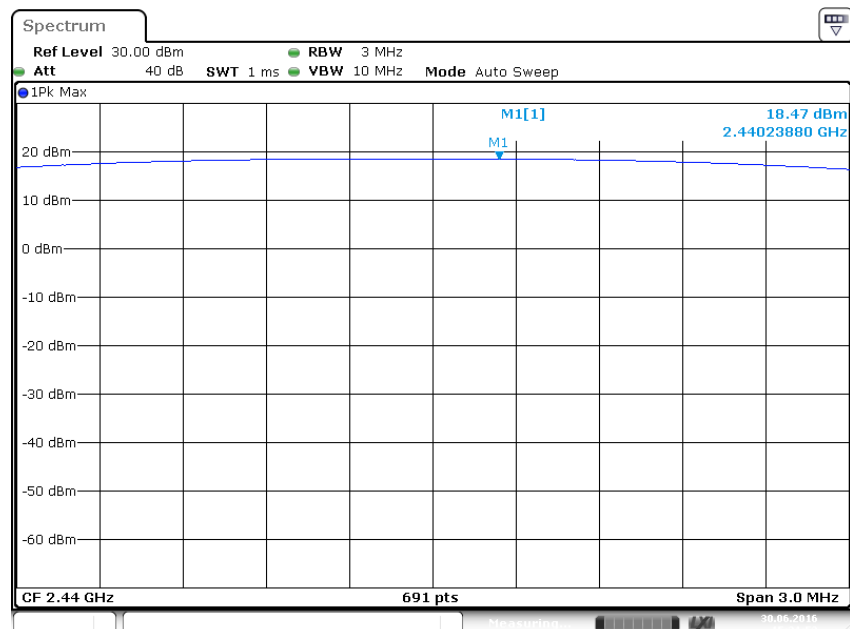
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Appendix A.1: Maximum Peak Conducted Output Power

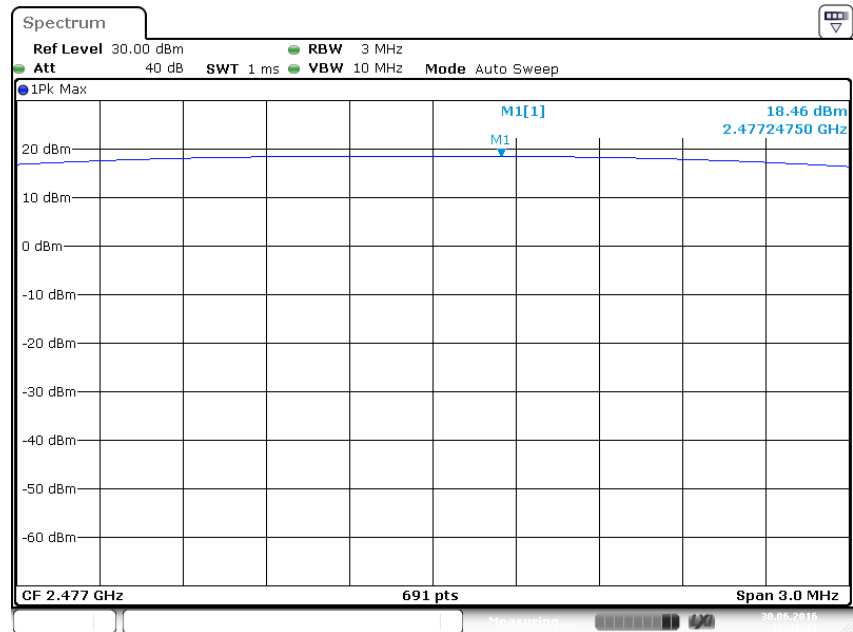
PU Unit



Date: 30.JUN.2016 15:31:31



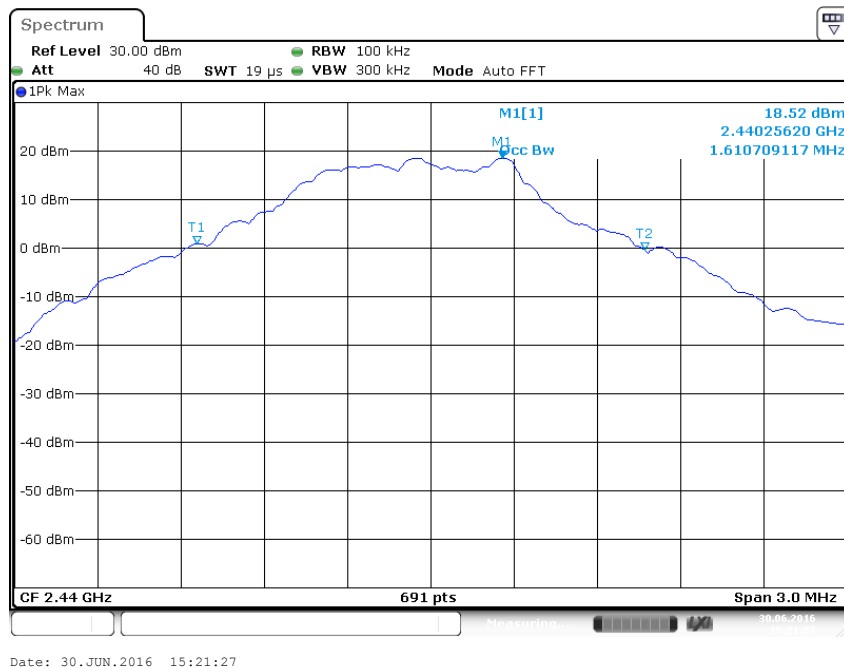
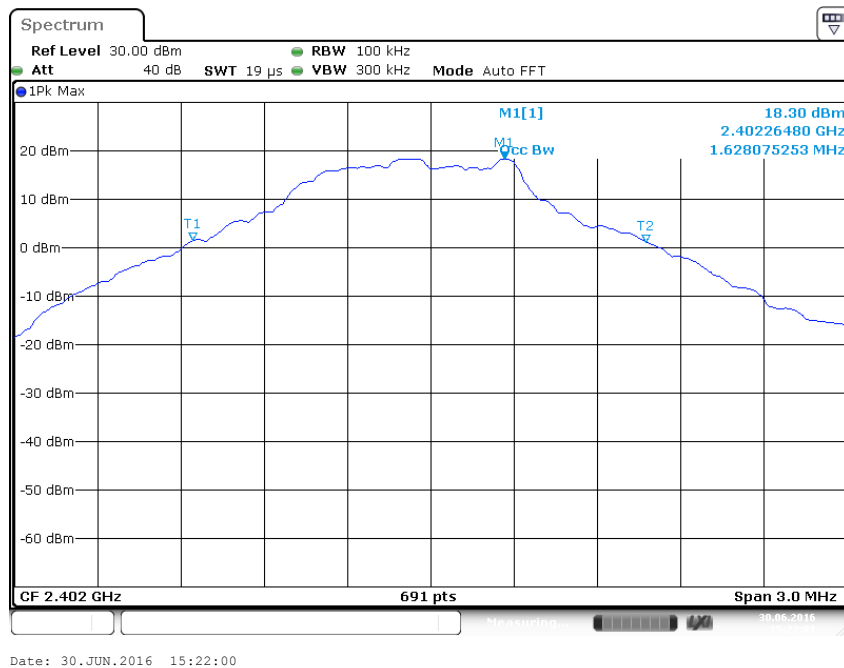
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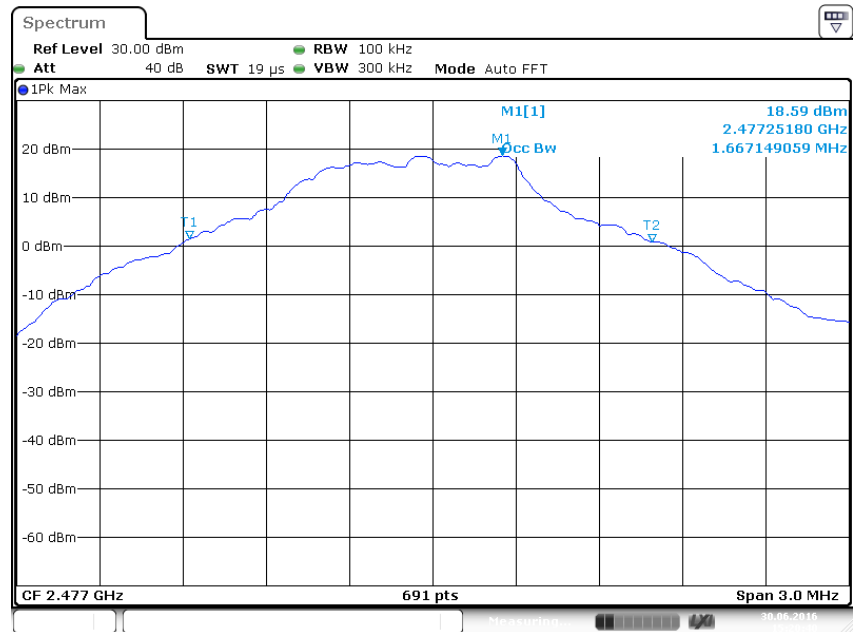


Date: 30.JUN.2016 15:32:11

Appendix A.2: 99% Bandwidth

PU Unit

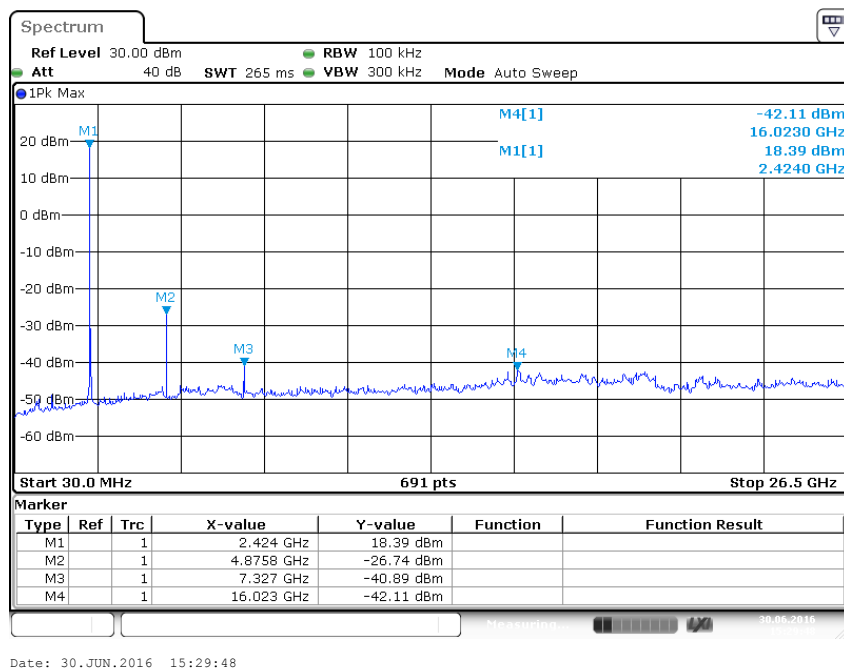
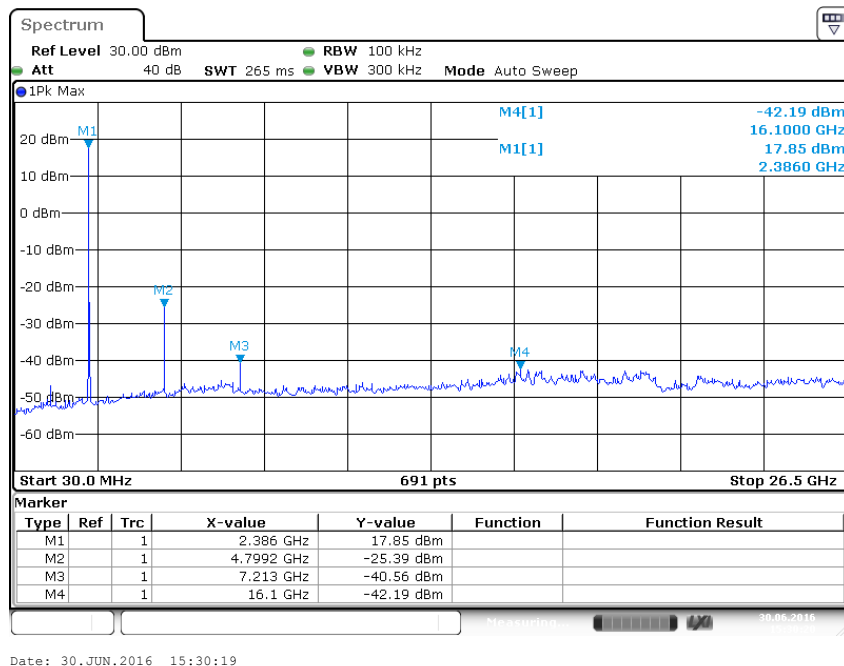


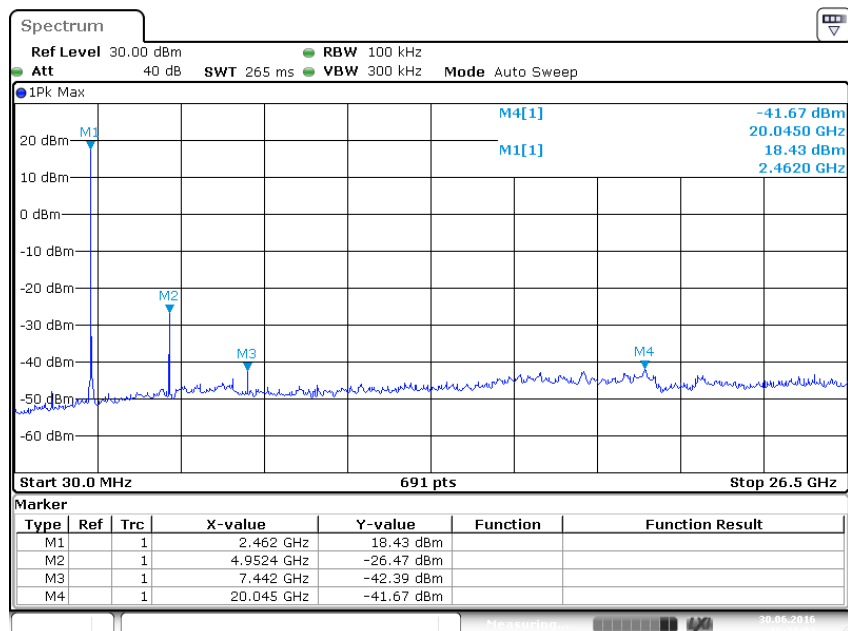


Date: 30.JUN.2016 15:20:40

Appendix A.3: Conducted Spurious Emissions Measured in 100 kHz Bandwidth

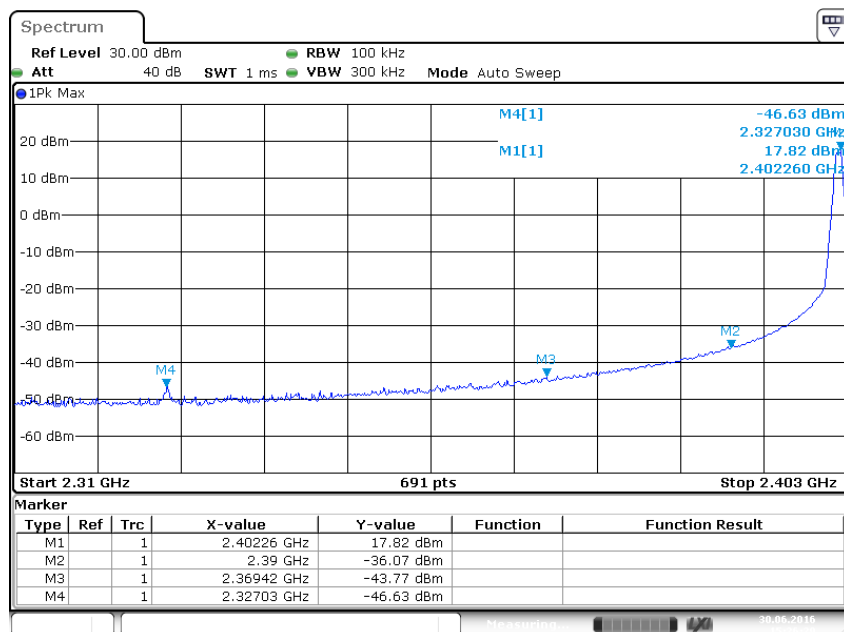
PU Unit



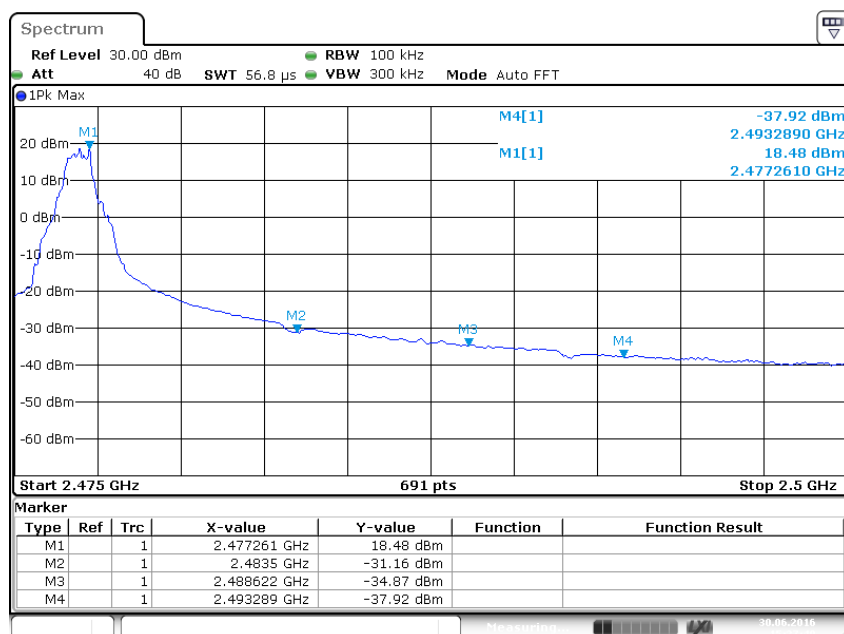


Date: 30.JUN.2016 15:29:02

PU Unit, Band Edge



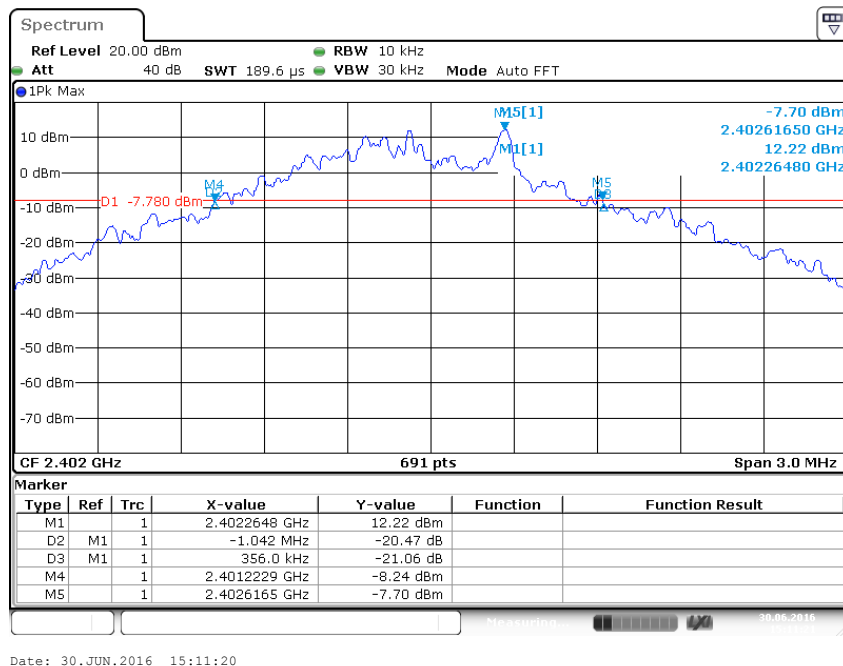
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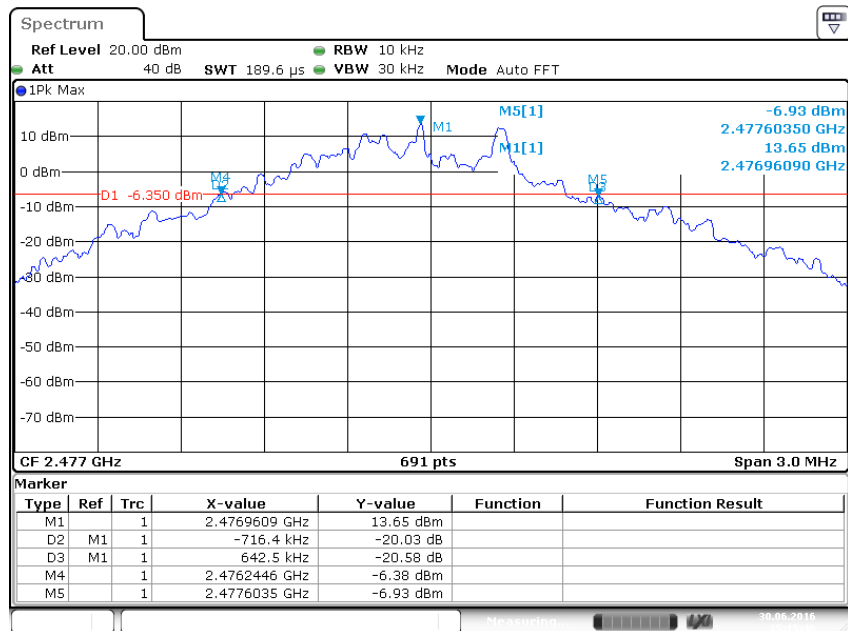


Date: 30.JUN.2016 15:27:49

Appendix A.4: 20dB Bandwidth

PU Unit

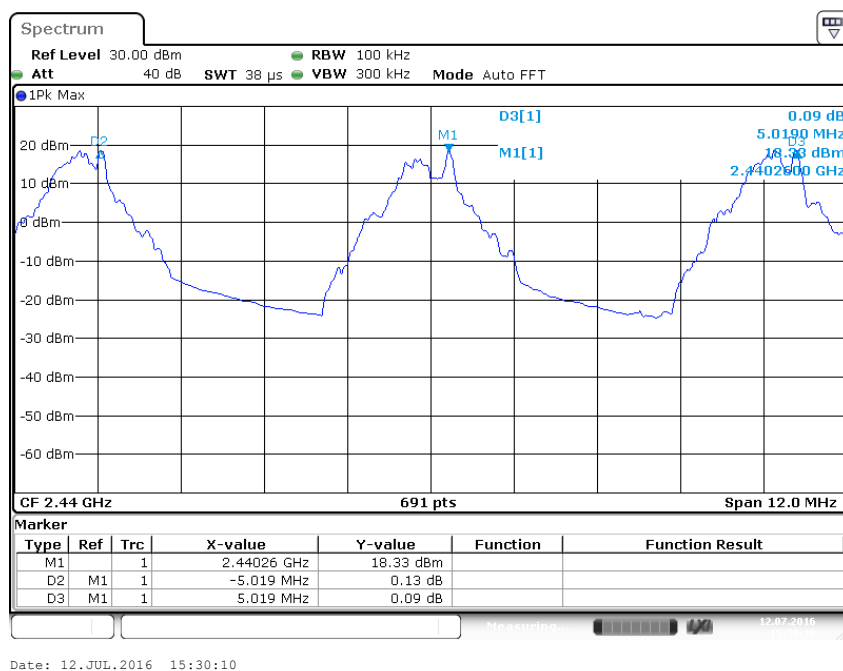
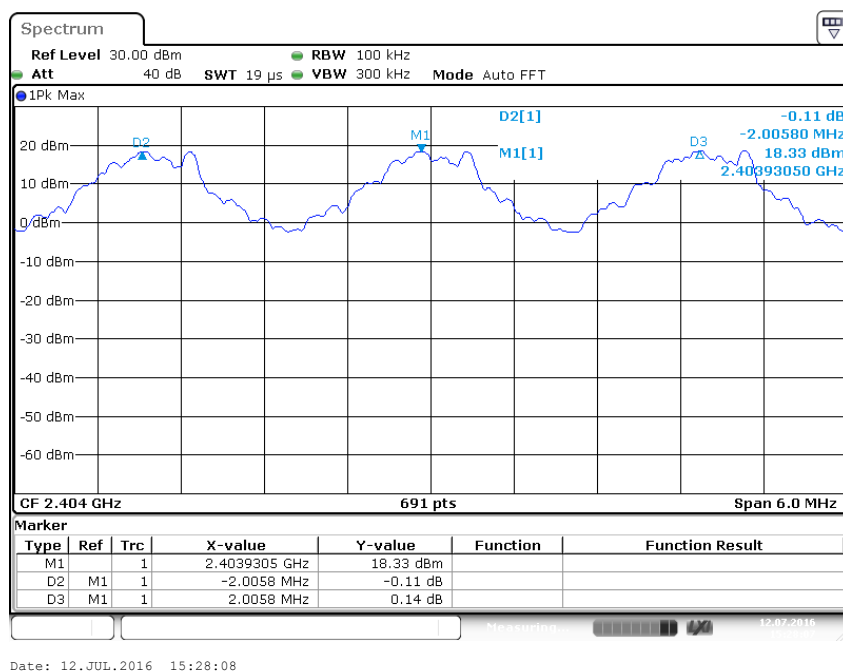


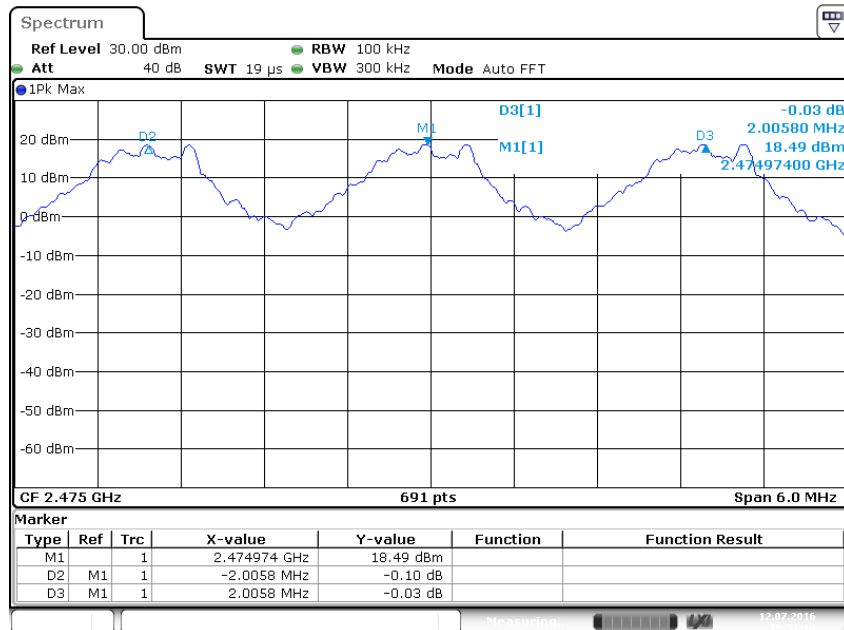


Date: 30.JUN.2016 15:15:46

Appendix A.5: Carrier Frequency Separation

PU Unit

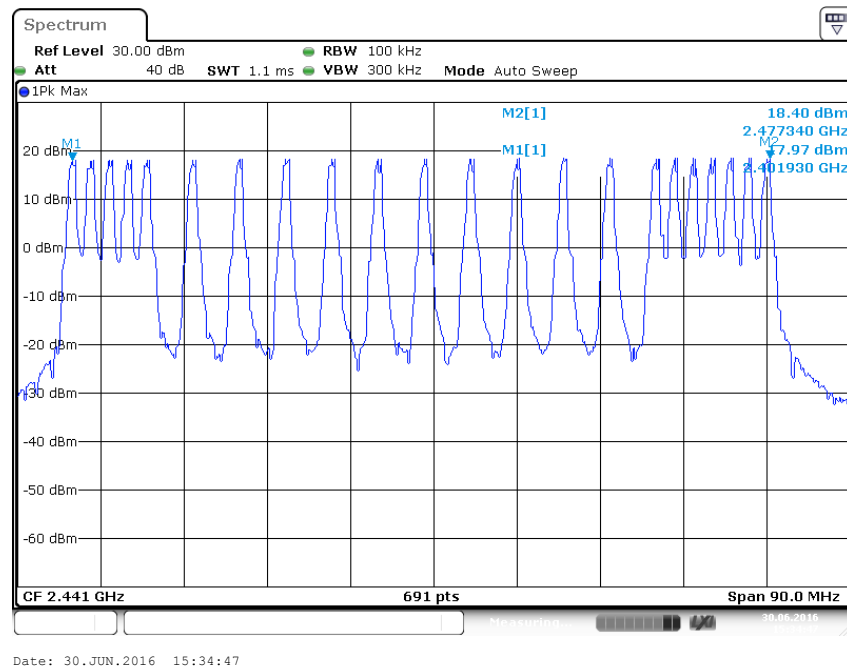




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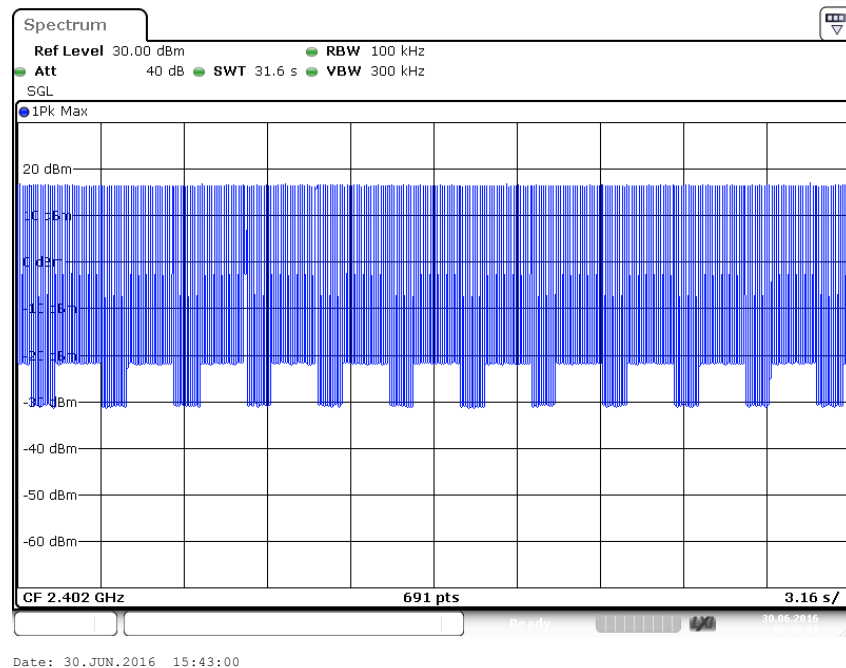
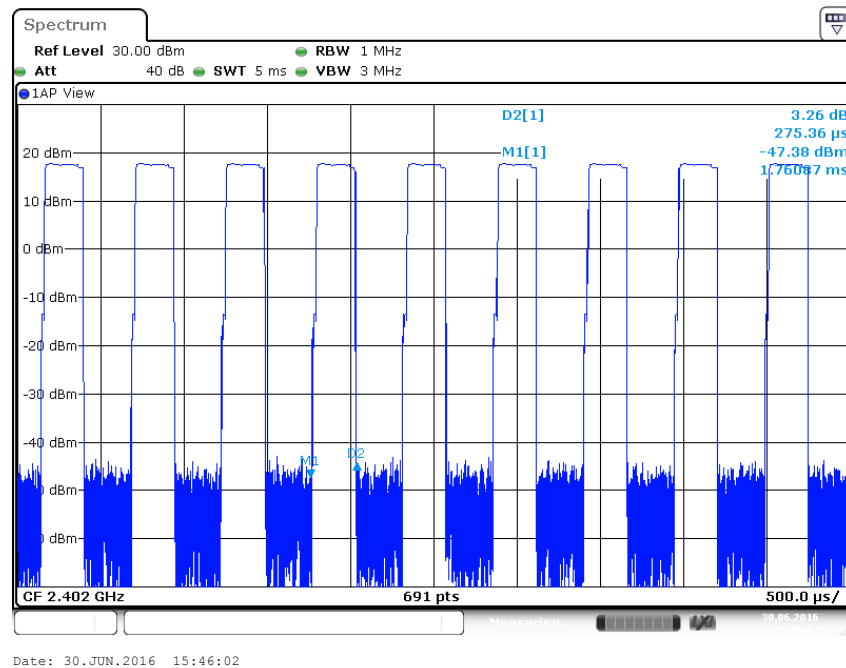
Appendix A.6: Number of Hopping Frequency

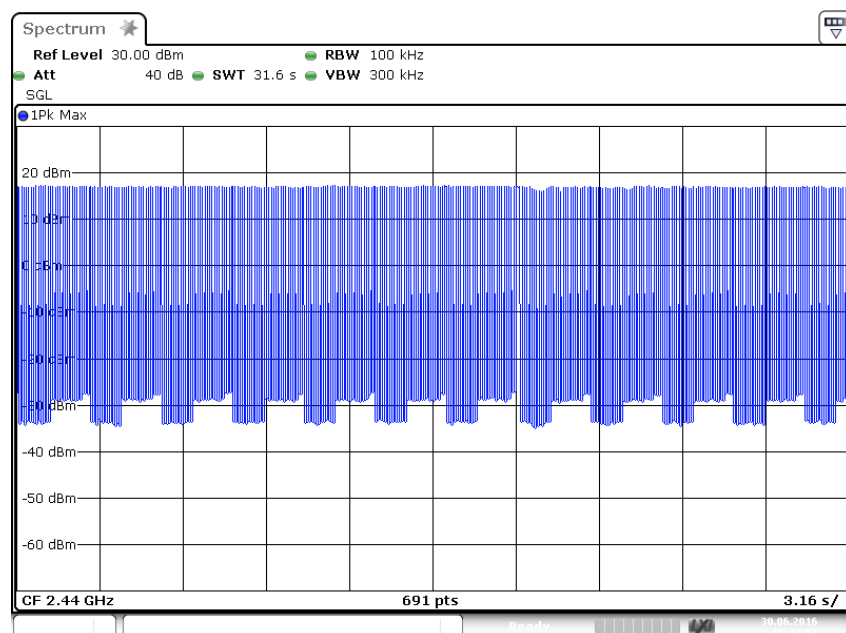
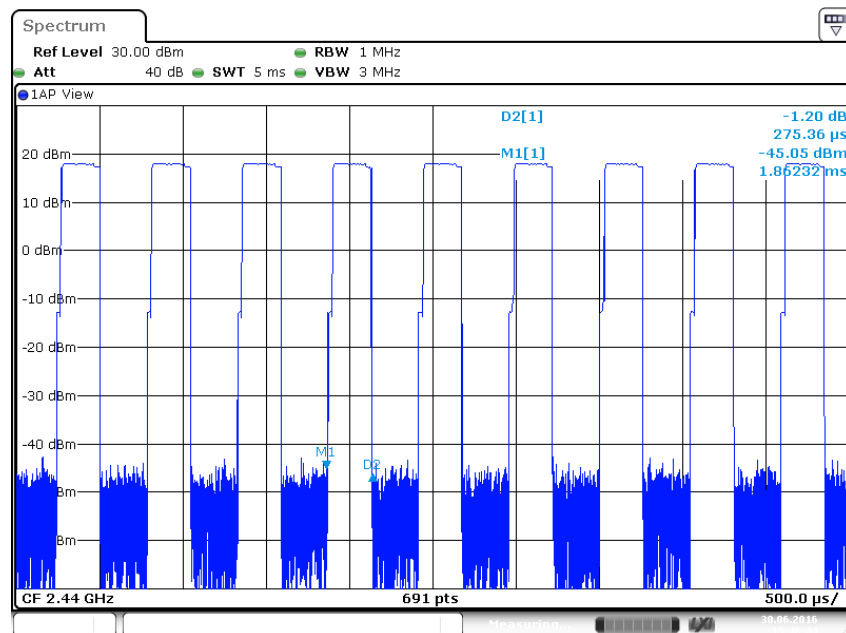
PU Unit

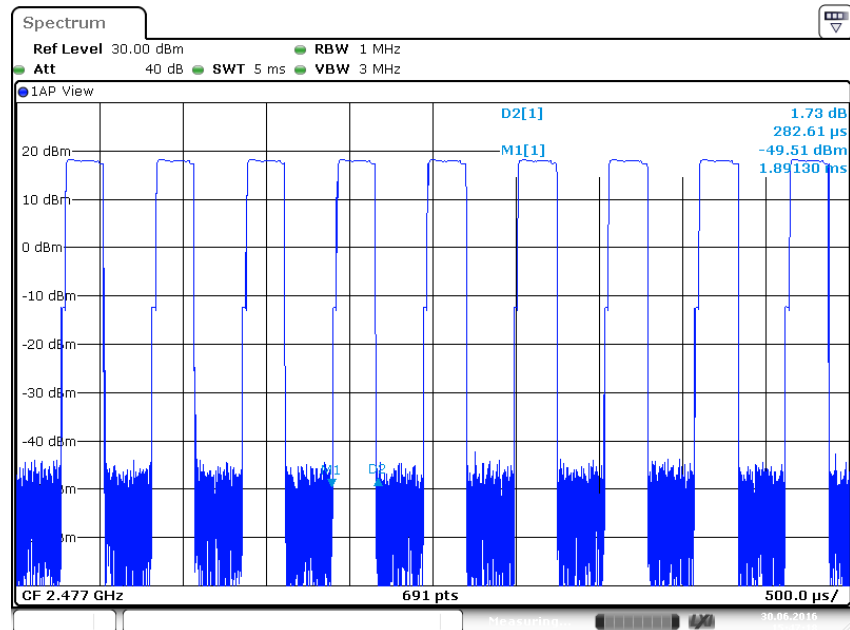


Appendix A.7: Time of Occupancy

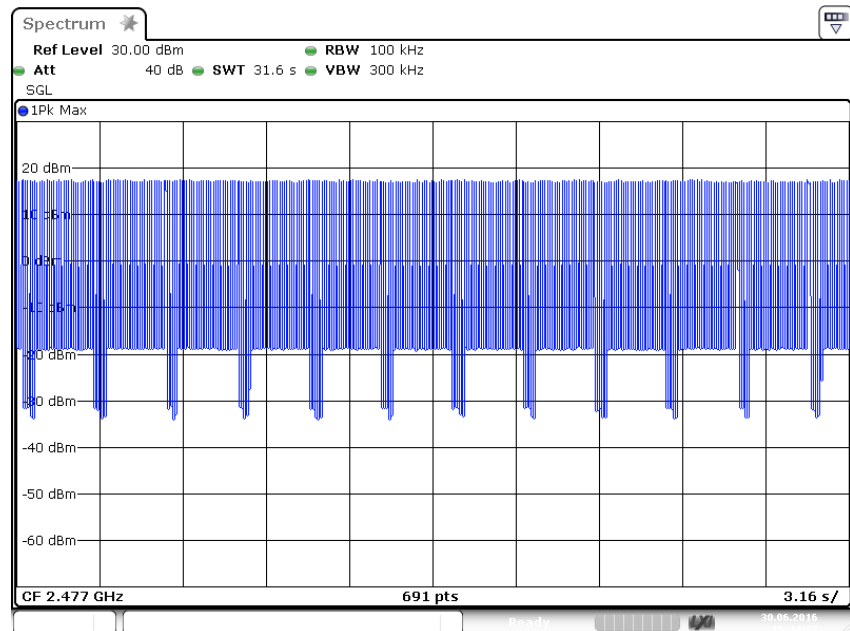
PU Unit







Date: 30.JUN.2016 15:47:18



Date: 30.JUN.2016 15:44:37

Appendix B

Test Results of General 2.4GHz wireless of Radiated Testing

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Appendix B.1: Test Plots of Radiated Spurious Emission

PU Unit, 9KHz - 30MHz

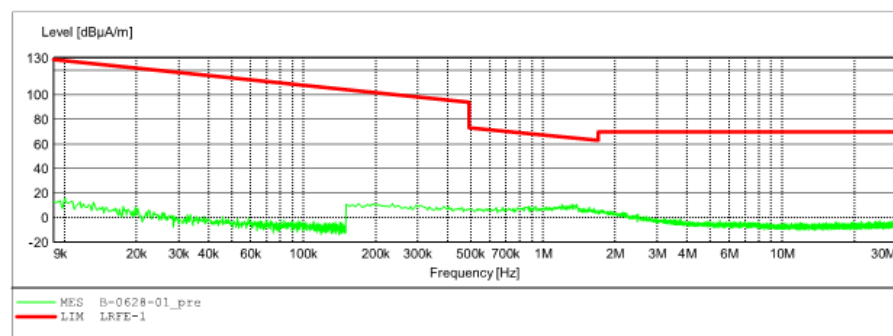
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: TX 2402MHz
Test Site: 2# Chamber
Operator: LGWADE
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2016-6-28 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	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



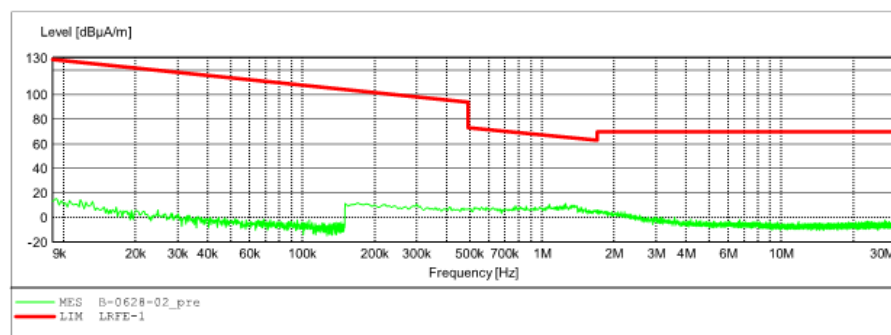
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
 Manufacturer: Binatone Electronics International Limited
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-6-28 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	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



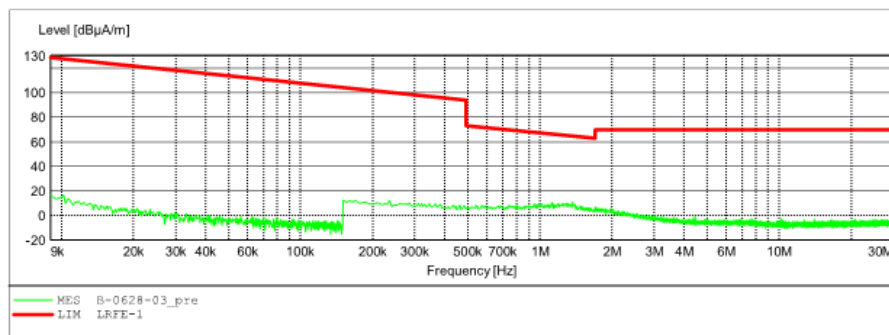
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
 Manufacturer: Binatone Electronics International Limited
 Operating Condition: TX 2477MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-6-28 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	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



PU Unit, 30MHz - 1GHz



ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2796

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Wifi Baby monitor system

Mode: TX 2402MHz

Model: BabyNursery7 PU

Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal

Power Source: AC 120V/60Hz

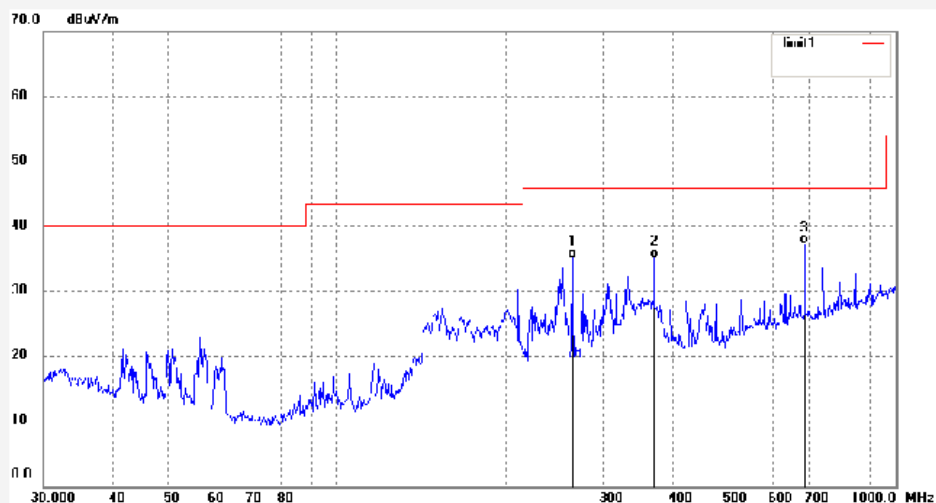
Date: 16/06/27/

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	263.8190	45.51	-10.50	35.01	46.00	-10.99	QP			
2	369.4045	42.54	-7.51	35.03	46.00	-10.97	QP			
3	687.1507	39.12	-1.96	37.16	46.00	-8.84	QP			



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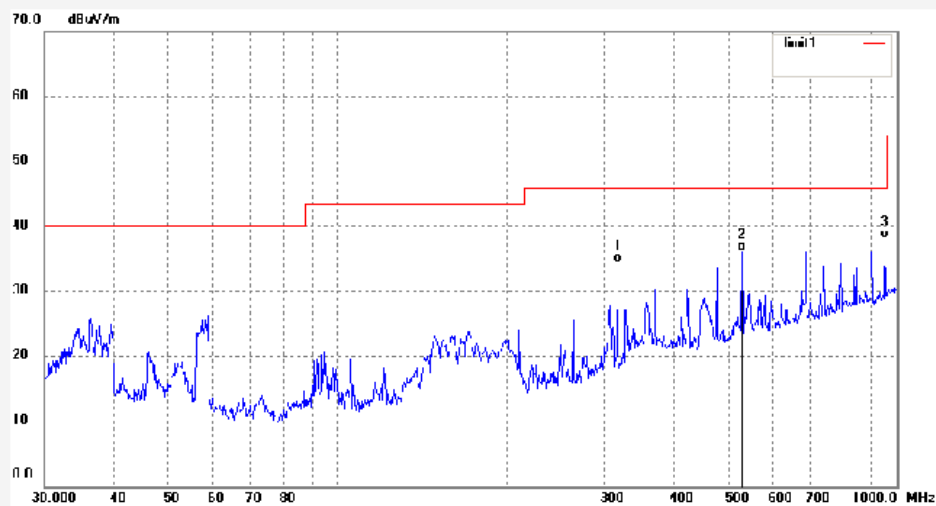
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2797
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2402MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	316.5889	43.26	-8.85	34.41	46.00	-11.59	QP			
2	528.2458	40.34	-4.22	36.12	46.00	-9.88	QP			
3	952.0937	35.78	2.21	37.99	46.00	-8.01	QP			



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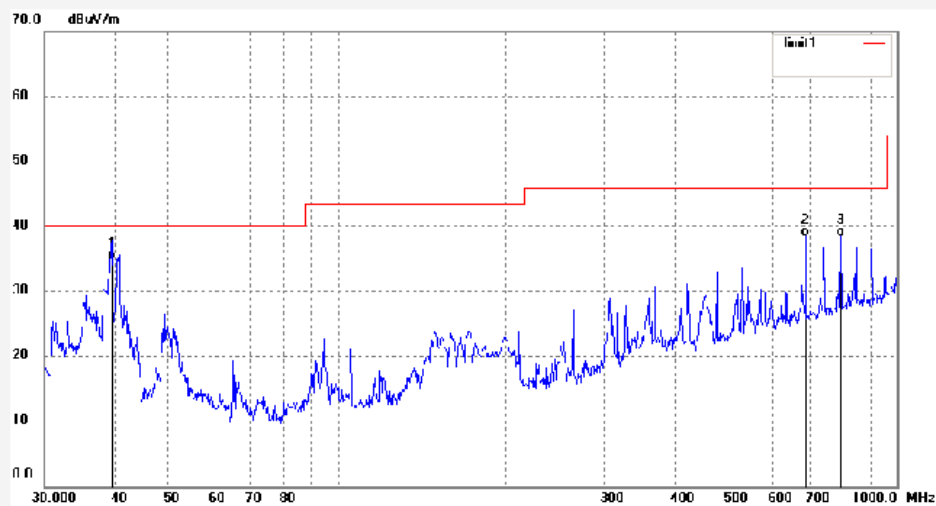
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2798
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2440MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	39.5756	46.27	-11.45	34.82	40.00	-5.18	QP			
2	687.1507	40.33	-1.96	38.37	46.00	-7.63	QP			
3	793.3958	38.62	-0.12	38.50	46.00	-7.50	QP			



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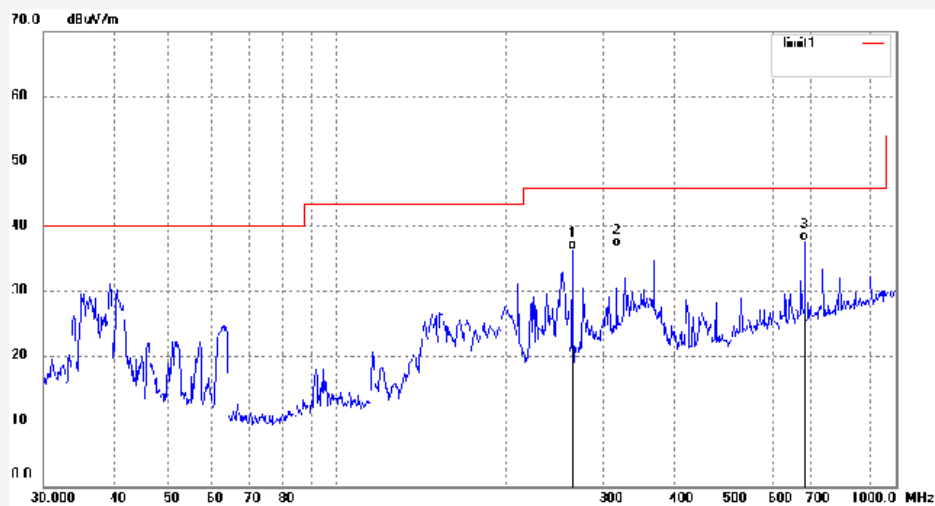
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2799
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2440MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	263.8190	46.78	-10.50	36.28	46.00	-9.72	QP			
2	316.5889	45.65	-8.85	36.80	46.00	-9.20	QP			
3	687.1507	39.60	-1.96	37.64	46.00	-8.36	QP			



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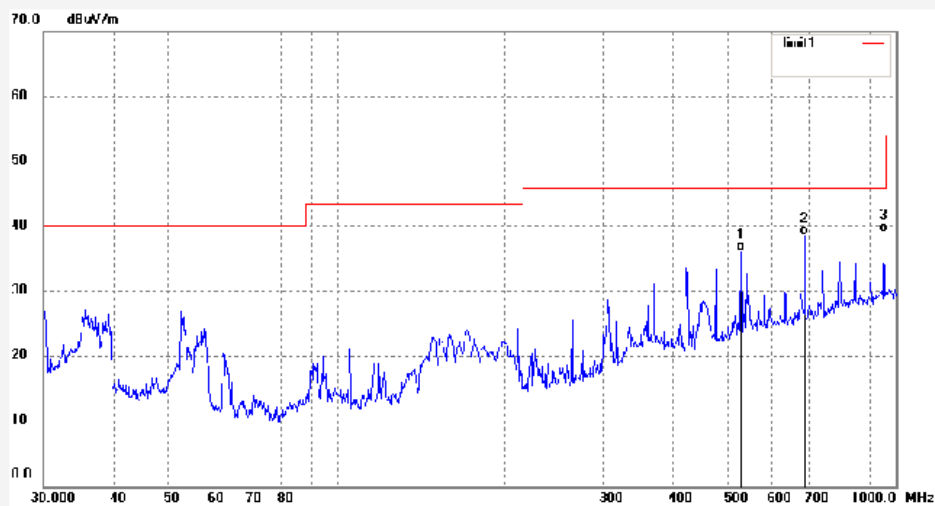
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2800
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2477MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	528.2458	40.42	-4.22	36.20	46.00	-9.80	QP			
2	687.1507	40.58	-1.96	38.62	46.00	-7.38	QP			
3	952.0937	36.90	2.21	39.11	46.00	-6.89	QP			



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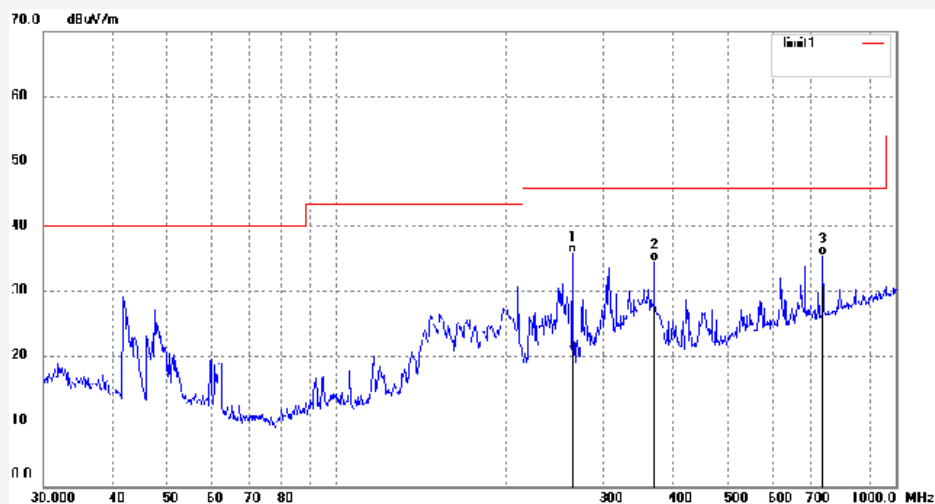
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2801
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2477MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	263.8190	46.37	-10.50	35.87	46.00	-10.13	QP			
2	369.4045	42.11	-7.51	34.60	46.00	-11.40	QP			
3	739.6604	36.72	-1.21	35.51	46.00	-10.49	QP			

PU Unit, 1GHz - 18GHz



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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 #2802

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Wifi Baby monitor system

Mode: TX 2402MHz

Model: BabyNursery7 PU

Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal

Power Source: AC 120V/60Hz

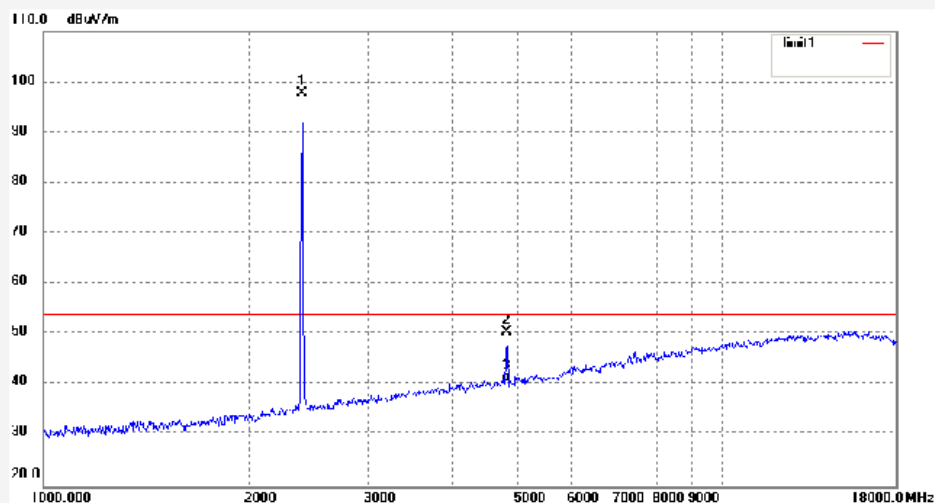
Date: 16/06/27/

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	105.20	-7.45	97.75	/	/	peak			
2	4804.026	50.69	-0.30	50.39	74.00	-23.61	peak			
3	4804.026	40.82	-0.30	40.52	54.00	-13.48	AVG			



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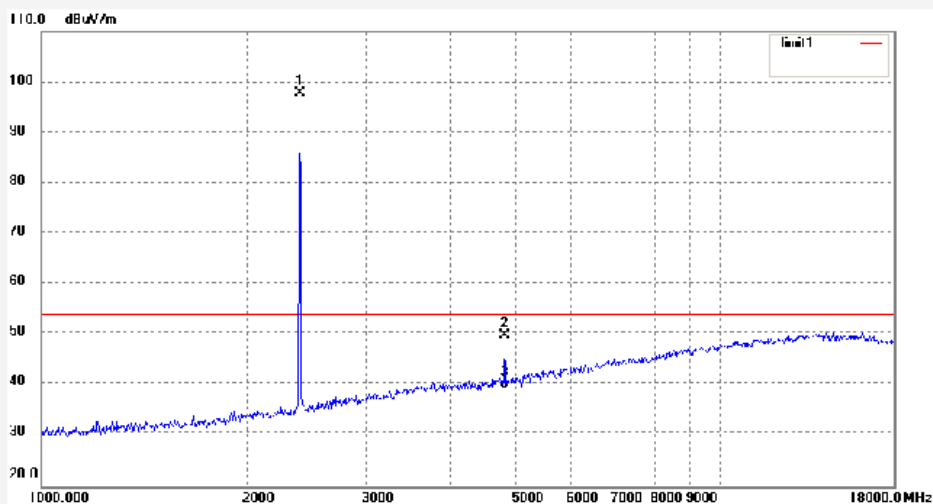
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2803
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2402MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	105.20	-7.45	97.75	/	/	peak			
2	4804.024	50.17	-0.30	49.87	74.00	-24.13	peak			
3	4804.024	39.55	-0.30	39.25	54.00	-14.75	AVG			



ACCURATE TECHNOLOGY CO., LTD.

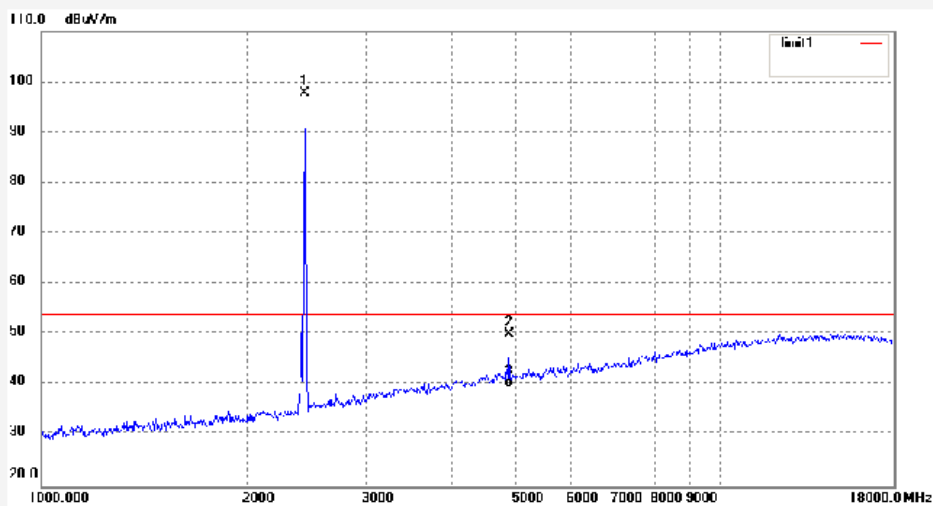
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2806
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2440MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	105.19	-7.36	97.83	/	/	peak			
2	4880.023	49.86	0.13	49.99	74.00	-24.01	peak			
3	4880.023	39.43	0.13	39.56	54.00	-14.44	AVG			



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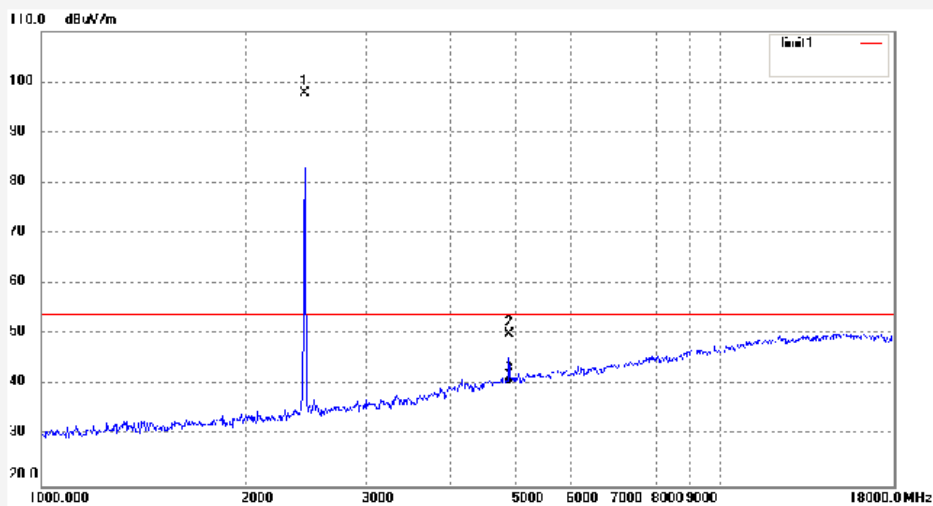
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2807
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2440MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	105.19	-7.36	97.83	/	/	peak			
2	4880.020	49.91	0.13	50.04	74.00	-23.96	peak			
3	4880.020	40.08	0.13	40.21	54.00	-13.79	AVG			



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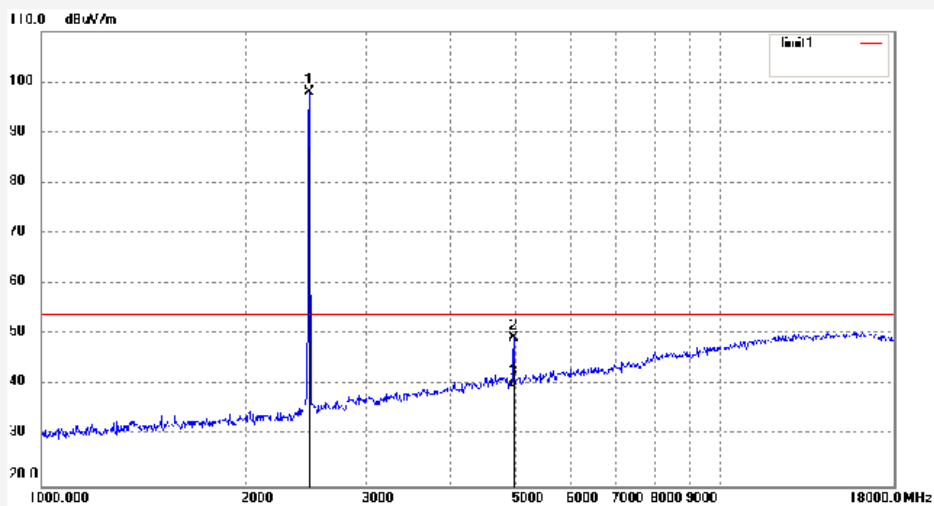
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2808
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2477MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2477.000	105.24	-7.37	97.87	/	/	peak			
2	4954.025	48.82	0.48	49.30	74.00	-24.70	peak			
3	4954.025	39.08	0.48	39.56	54.00	-14.44	AVG			



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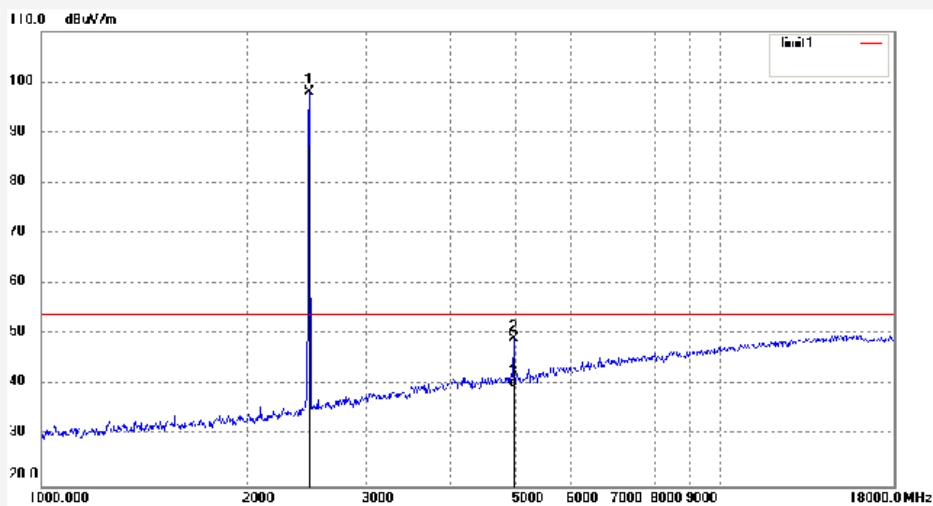
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2809
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2477MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2477.000	105.24	-7.37	97.87	/	/	peak			
2	4954.027	48.59	0.48	49.07	74.00	-24.93	peak			
3	4954.027	39.08	0.48	39.56	54.00	-14.44	AVG			

PU Unit, 18GHz - 26.5GHz



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Fax:+86-0755-26503396

Job No.: LGW2015 #2812

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Wifi Baby monitor system

Mode: TX 2402MHz

Model: BabyNursery7 PU

Manufacturer: Binatone Electronics International Limited

Polarization: Vertical

Power Source: AC 120V/60Hz

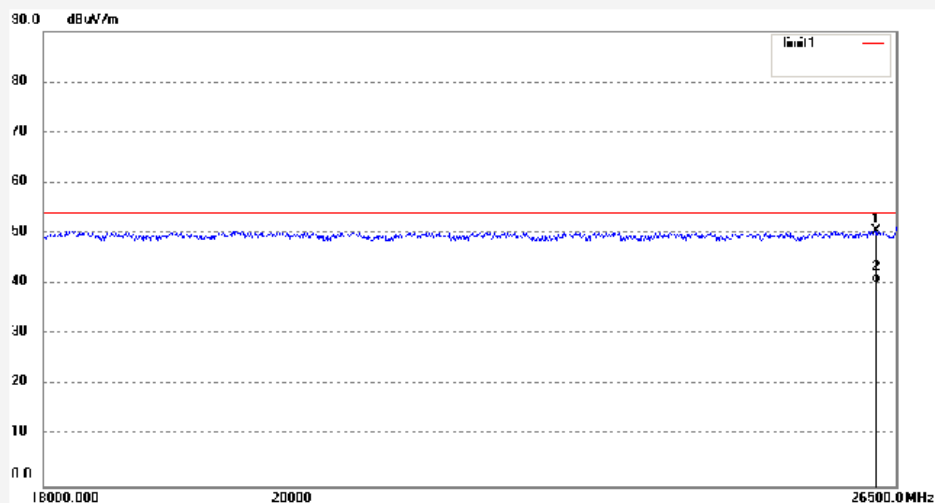
Date: 16/06/27/

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26255.151	33.44	17.06	50.50	74.00	-23.50	peak			
2	26255.151	23.18	17.06	40.24	54.00	-13.76	AVG			



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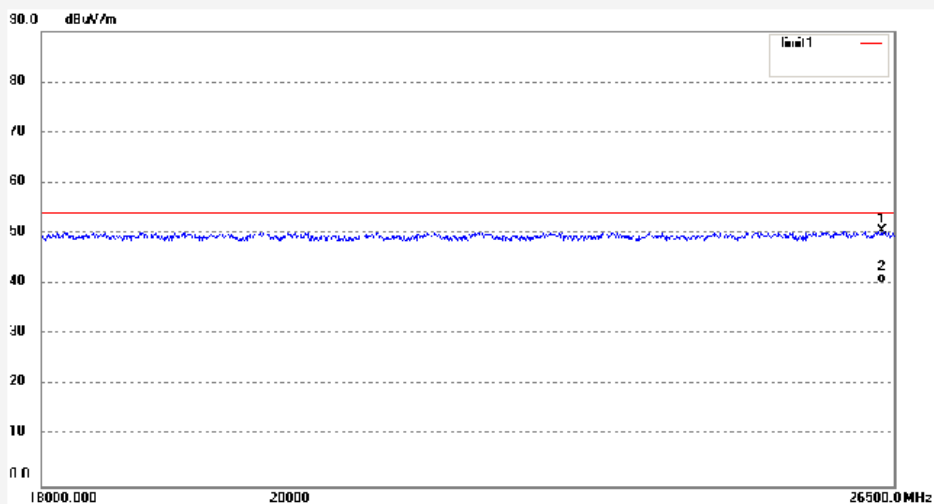
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2813
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2402MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26356.895	34.01	16.50	50.51	74.00	-23.49	peak			
2	26356.895	23.74	16.50	40.24	54.00	-13.76	AVG			



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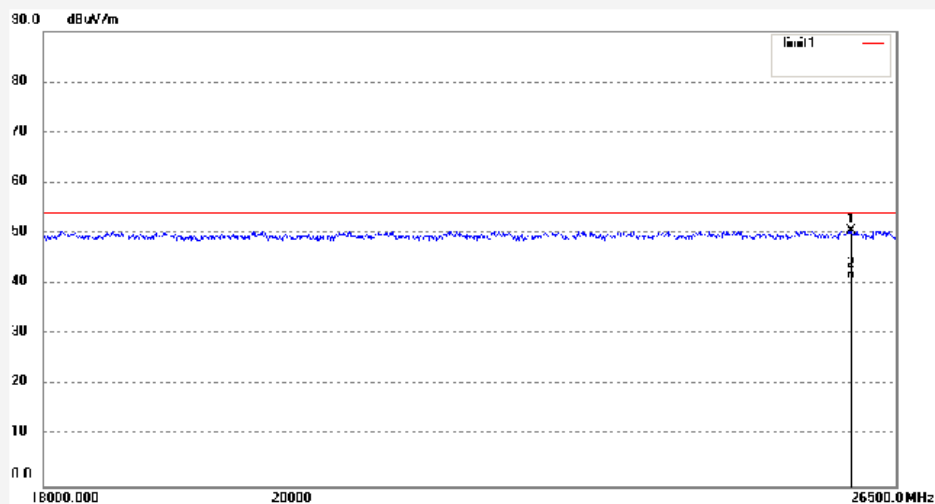
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2814
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2440MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25962.307	33.91	16.50	50.41	74.00	-23.59	peak			
2	25962.307	24.34	16.50	40.84	54.00	-13.16	AVG			



ACCURATE TECHNOLOGY CO., LTD.

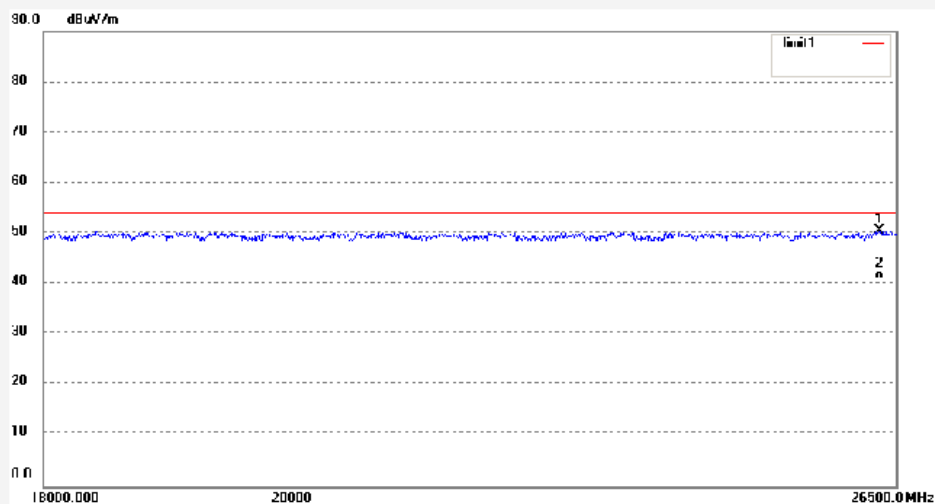
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2815
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2440MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26305.974	33.48	17.03	50.51	74.00	-23.49	peak			
2	26305.974	23.81	17.03	40.84	54.00	-13.16	AVG			



ACCURATE TECHNOLOGY CO., LTD.

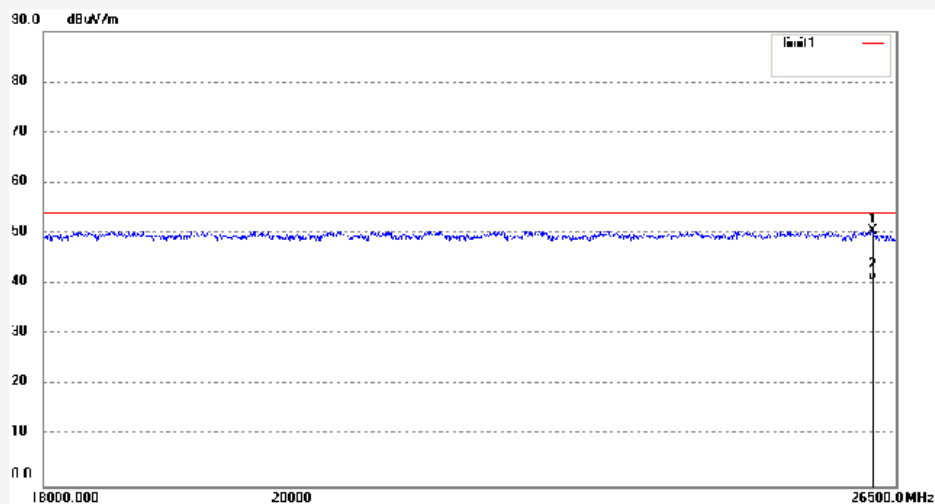
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2816
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2477MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26214.563	33.35	17.09	50.44	74.00	-23.56	peak			
2	26214.563	23.45	17.09	40.54	54.00	-13.46	AVG			



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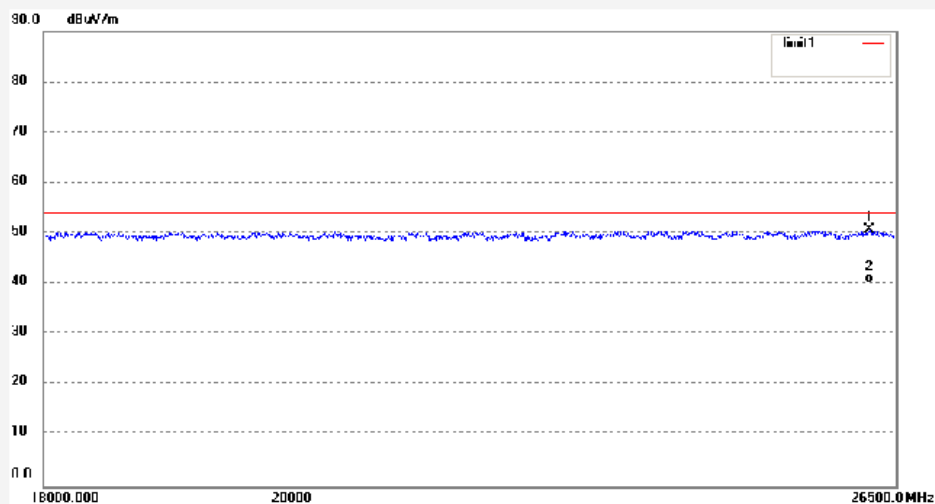
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: LGW2015 #2817
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Wifi Baby monitor system
Mode: TX 2477MHz
Model: BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/06/27/
Time:
Engineer Signature: LGWADE
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26184.163	34.18	16.50	50.68	74.00	-23.32	peak			
2	26184.163	23.72	16.50	40.22	54.00	-13.78	AVG			

Appendix B.2: Test Plots of Band Edge (Radiated)

PU Unit, Low Channel



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Fax:+86-0755-26503396

Job No.: LGW2015 #2804

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Wifi Baby monitor system

Mode: TX 2402MHz

Model: BabyNursery7 PU

Manufacturer: Binatone Electronics International Limited

Polarization: Vertical

Power Source: AC 120V/60Hz

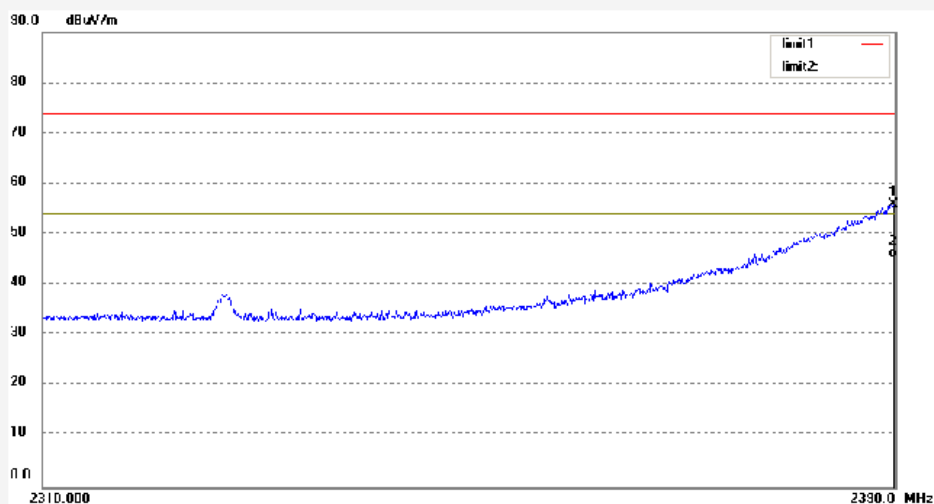
Date: 16/06/27/

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.840	63.45	-7.53	55.92	74.00	-18.08	peak			
2	2389.840	52.78	-7.53	45.25	54.00	-8.75	AVG			



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2805

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Wifi Baby monitor system

Mode: TX 2402MHz

Model: BabyNursery7 PU

Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal

Power Source: AC 120V/60Hz

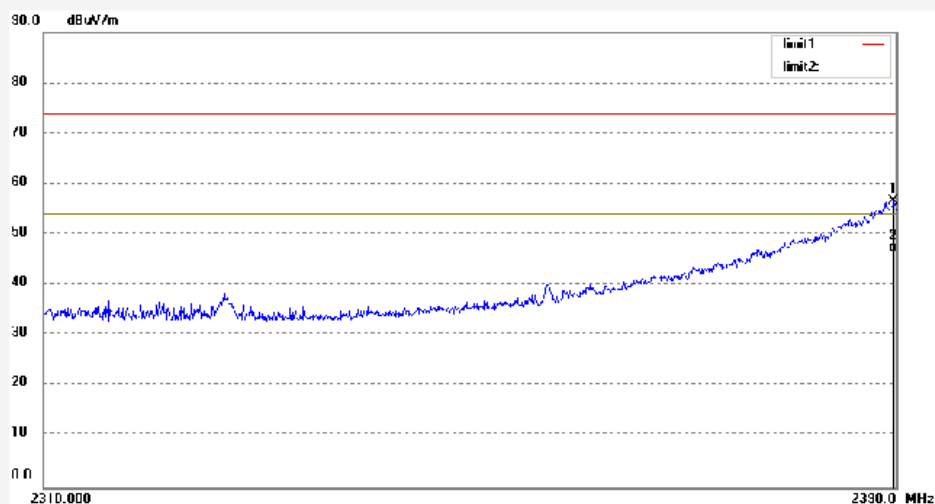
Date: 16/06/27/

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2389.760	64.03	-7.53	56.50	74.00	-17.50	peak			
2	2389.760	53.91	-7.53	46.38	54.00	-7.62	AVG			

PU Unit, High Channel



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LGW2015 #2810

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Wifi Baby monitor system

Mode: TX 2477MHz

Model: BabyNursery7 PU

Manufacturer: Binatone Electronics International Limited

Polarization: Horizontal

Power Source: AC 120V/60Hz

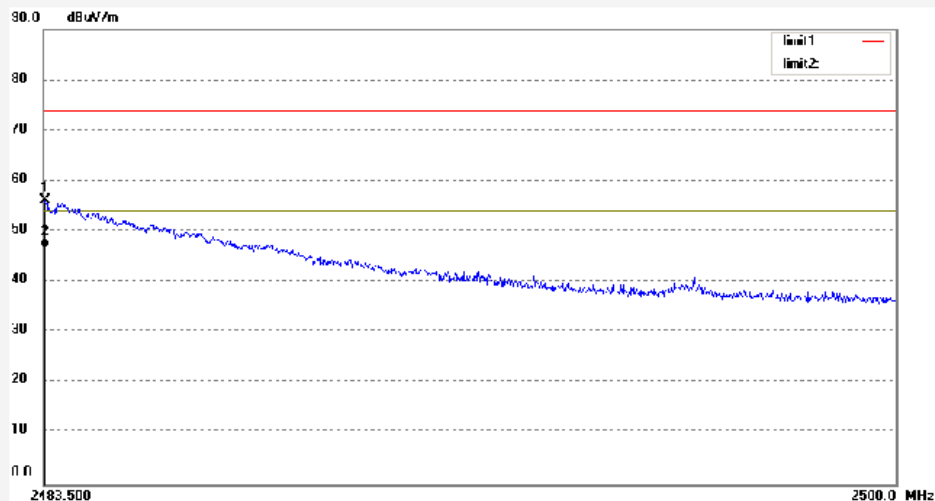
Date: 16/06/27/

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.533	63.56	-7.37	56.19	74.00	-17.81	peak			
2	2483.533	53.96	-7.37	46.59	54.00	-7.41	AVG			



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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: LGW2015 #2811

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Wifi Baby monitor system

Mode: TX 2477MHz

Model: BabyNursery7 PU

Manufacturer: Binatone Electronics International Limited

Polarization: Vertical

Power Source: AC 120V/60Hz

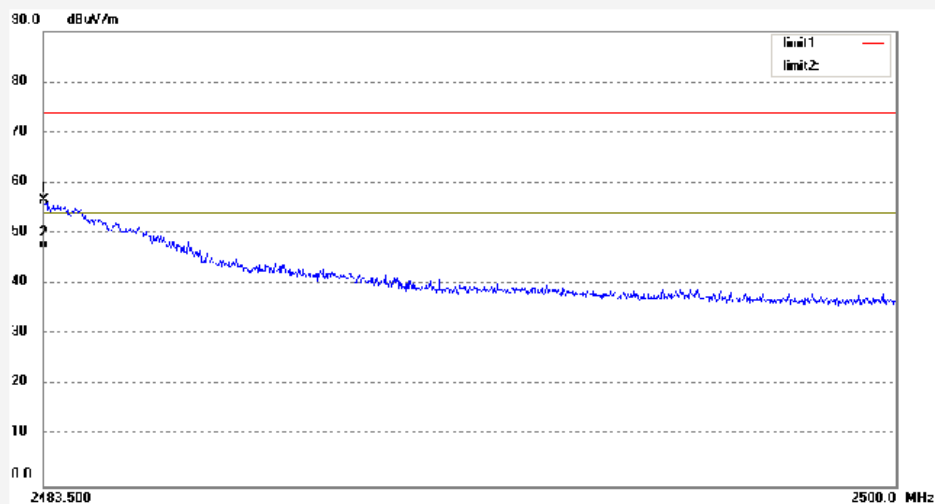
Date: 16/06/27/

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.517	63.88	-7.37	56.51	74.00	-17.49	peak			
2	2483.517	54.23	-7.37	46.86	54.00	-7.14	AVG			

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

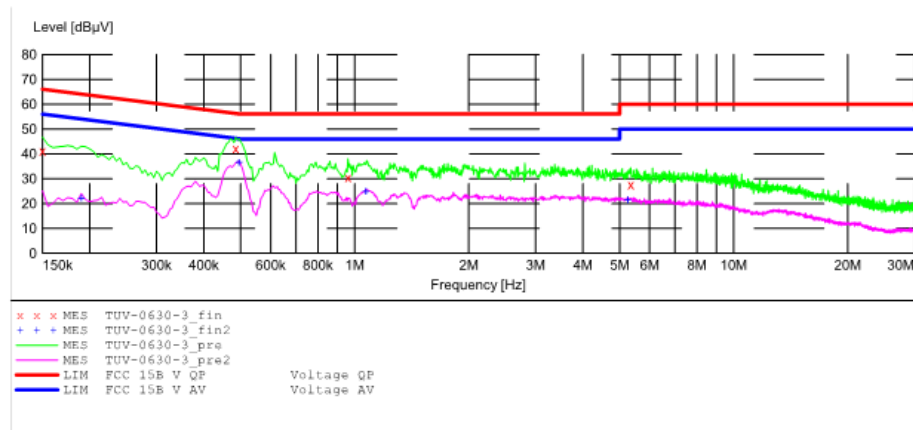
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 C

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
Manufacturer: Binatone Electronics International Limited
Operating Condition: C
Test Site: 1#Shielding Room
Operator: LGWADE
Test Specification: N 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-0630-3_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.150000	41.20	10.5	66	24.8	QP	N	GND
0.485000	42.10	10.7	56	14.2	QP	N	GND
0.960000	30.50	10.8	56	25.5	QP	N	GND
5.350000	27.60	11.2	60	32.4	QP	N	GND

MEASUREMENT RESULT: "TUV-0630-3_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.190000	22.10	10.5	54	31.9	AV	N	GND
0.495000	36.50	10.7	46	9.6	AV	N	GND
1.070000	24.80	10.9	46	21.2	AV	N	GND
5.250000	21.40	11.2	50	28.6	AV	N	GND

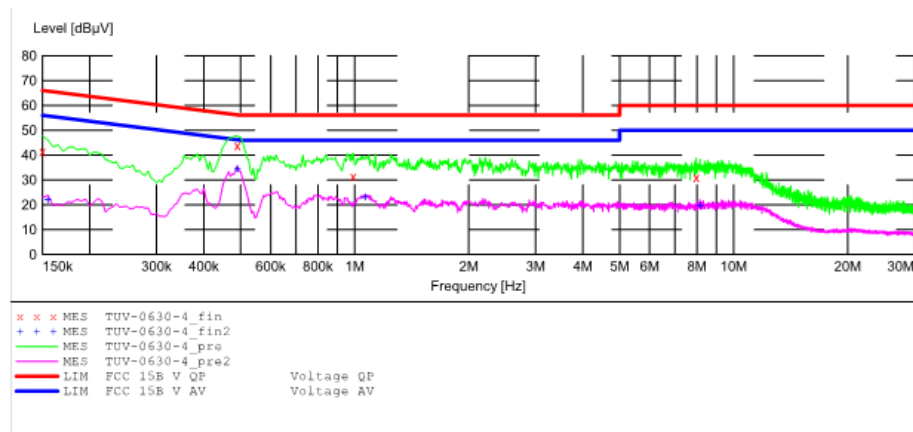
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 C

EUT: Wifi Baby monitor system M/N:BabyNursery7 PU
 Manufacturer: Binatone Electronics International Limited
 Operating Condition: C
 Test Site: 1#Shielding Room
 Operator: LGWADE
 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
 150.0 kHz 30.0 MHz 5.0 kHz Average QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "TUV-0630-4_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.150000	41.50	10.5	66	24.5	QP	L1	GND
0.490000	43.80	10.7	56	12.4	QP	L1	GND
0.990000	31.40	10.8	56	24.6	QP	L1	GND
7.960000	31.00	11.2	60	29.0	QP	L1	GND

MEASUREMENT RESULT: "TUV-0630-4_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.155000	21.90	10.5	56	33.8	AV	L1	GND
0.490000	34.30	10.7	46	11.9	AV	L1	GND
1.065000	23.00	10.9	46	23.0	AV	L1	GND
8.150000	19.70	11.2	50	30.3	AV	L1	GND