Prüfbericht-Nr.: *Test report No.:*	**50074440 001**	**Auftrags-Nr.:** *Order No.:*	164084981	Seite 1 von 27 *Page 1 of 27*
Kunden-Referenz-Nr.: *Client reference No.:*	N/A	**Auftragsdatum:** *Order date.:*	06.02.2017	
Auftraggeber: *Client:*	**Binatone Electronics International Ltd.** Floor 23A, 9 Des Voeux Road West, Sheung Wan, Hong Kong			
Prüfgegenstand: *Test item:*	Digital Video Baby Monitor (Parent Unit)			
Bezeichnung / Typ-Nr.: *Identification / Type No.:*	MBP33SPU, MBP35SPU (Trademark: motorola)			
Auftrags-Inhalt: *Order content:*	FCC and IC approval			
Prüfgrundlage: *Test specification:*	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 CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 CFR47 FCC Part 2: Section 2.1091		RSS-247 Issue 2 February 2017 RSS-Gen Issue 4 November 2014 ICES-003 Issue 6 January 2016 RSS-102 Issue 5 March 2015	

Wareneingangsdatum: *Date of receipt:*	06.02.2017	Please refer to photo documents
Prüfmuster-Nr.: *Test sample No.:*	A000491418-001 A000491418-002	
Prüfzeitraum: *Testing period:*	06.02.2017 - 13.03.2017	
Ort der Prüfung: *Place of testing:*	EMTEK(Shenzhen) Co., Ltd.	
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (Shenzhen) Co., Ltd.	
Prüfergebnis*: *Test result*:*	Pass	

geprüft von / *tested by:*

Datum *Date*	**Name/Stellung** *Name/Position*	**Unterschrift** *Signature*
26.04.2017	Ryan Yang / Senior Project Engineer	

kontrolliert von / *reviewed by:*

Datum *Date*	**Name/Stellung** *Name/Position*	**Unterschrift** *Signature*
26.04.2017	Winnie Hou / Technical Certifier	

Sonstiges / *Other:*

This report is for Parent Unit of digital video baby monitor system only.
FCC ID: VLJ-MBP33SCPU
IC: 4522A-MBP33SCPU HVIN: MBP33SPU, MBP35SPU

Zustand des Prüfgegenstandes bei Anlieferung: Prüfmuster vollständig und unbeschädigt
Condition of the test item at delivery: *Test item complete and undamaged:*

* Legende:	1 = sehr gut	2 = gut	3 = befriedigend	4 = ausreichend	5 = mangelhalt
	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

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

5.1.11 RADIATED EMISSION
RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS
RESULT: Pass

Contents

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: Photographs of the Test Set-up

Appendix B: Test Results of General 2.4GHz Wireless of Conducted Testing

Appendix C: Test Results of General 2.4GHz Wireless of Radiated Testing

2 Test Sites

2.1 Test Facilities

EMTEK(Shenzhen) Co., Ltd.

Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China

FCC Registration No.: 406365

Test site Industry Canada No.: 4480A-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

EMTEK(Shenzhen) Co., Ltd.

Radio Spectrum Testing				
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Until**
EMI Test Receiver	R&S	ESU	1302.6005.26	28.05.2017
Signal Analyzer	Agilent	N9010A	My53470879	28.05.2017
Power Analyzer	Agilent	PS-X10-200	N/A	28.05.2017
Test Accessories	Agilent	PS-X10-100	N/A	28.05.2017
Spurious Emission & Radiated Emission				
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Until**
EMI Test Receiver	R&S	ESU	1302.6005.26	28.05.2017
Pre-Amplifier	HP	8447D	2944A07999	28.05.2017
Bilog Antenna	Schwarzbeck	VULB9163	142	28.05.2017
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170399	28.05.2017
Horn Antenna	Schwarzbeck	BBHA 9120	D143	28.05.2017
Cable	Schwarzbeck	AK9513	ACRX1	28.05.2017
Cable	Rosenberger	N/A	FP2RX2	28.05.2017
Cable	Schwarzbeck	AK9513	CRPX1	28.05.2017
Cable	Schwarzbeck	AK9513	CRRX2	28.05.2017
Pre-Amplifier	LUNAR-EM	LNA30M3G-25	J10100000070	28.05.2017
Conducted Emission on AC Mains				
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Cal. Until**
Test Receiver	R&S	ESCI	26115-010-0027	28.05.2017
L.I.S.N.	R&S	ENV216	101161	28.05.2017
50Ω Coaxial Switch	Anritsu	MP59B	6100175589	28.05.2017

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 basics 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

Parameter	Uncertainty
RF Output Power	±1.0%
Accumulated Transmit Time, Frequency Occupation and Hopping Sequence	±1.3%
Occupied Channel Bandwidth	±2.3%
Transmitter Unwanted Emission in the Out-of Band	±1.2%
Transmitter Unwanted Emissions in the Spurious Domain	±2.7%
Conducted Emission, 9k~150kHz	3.16dB
Conducted Emission, 150k-30MHz	2.90dB
Radiated Emission, below 1GHz	4.27dB
Radiated Emission, above 1GHz	4.46dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B & C 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 EMTEK(Shenzhen) Co., Ltd. Test facility located at Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 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 Digital Video Baby Monitor (Parent Unit) device, it supports general 2.4GHz wireless technology.

According to the declaration of the applicant, the electrical circuit design, PCB layout and components used are identical for all models, only the model number is different.

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	Digital Video Baby Monitor (Parent Unit)
Type Designation	MBP33SPU, MBP35SPU
Trademark	motorola
FCC ID	VLJ-MBP33SCPU
IC	4522A-MBP33SCPU
HVIN	MBP33SPU, MBP35SPU
Operating Temperature Range	5 °C ~ +45 °C
Operating Voltage	DC 6.0V 500mA input via AC/DC adapter DC 3.6V 800mA input via Ni-MH battery
Testing Voltage	AC 120V, 60Hz
AC/DC Adapter	Model: S003GU0600050 (TenPao) Input: AC 100-240V~50/60Hz, 150mA Output: DC 6.0V~500mA
Ni-MH Battery #1	Model: GP80AAAHC3BMXZ (GPI) DC 3.6V 800mAh, Ni-MH Battery
Ni-MH Battery #2	Model: JHAAA800P3H (JUSTHIGH) DC 3.6V 800mAh, Ni-MH Battery
Technical Specification of General 2.4GHz Wireless	
Operating Frequency	2405 - 2475 MHz
Type of Modulation	FSK
Channel Number	32 channels
Antenna Type	Integral Antenna
Antenna Gain	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	**2405**	12	2428	23	2454
02	2407	13	2430	24	2456
03	2409	14	2433	25	2458.5
04	2411	15	2435	26	2460.5
05	2413	16	2437	27	2462.5
06	2415	17	2439	28	2467
07	2418	**18**	**2441**	29	2469
08	2420	19	2444	30	2471
09	2422	20	2446	31	2473
10	2424	21	2450	**32**	**2475**
11	2426	22	2452	/	/

Table 4: Frequency Hopping Information

Technical Specification	Description
Hopping Sequence	Describe how the hopping sequence is generated. Provide an example of the hopping sequence channels, in order to demonstrate that the sequence meets the requirement specified in the definition of a frequency hopping spread spectrum system, found in Section 2.1.This system is controlled by microchip to generate Pseudorandom Frequency Hopping Sequence base on CCITT16 and distributed it over 32 hopping channels. The sequential hops are randomly distributed in both direction and magnitude of change in the hop set which meet the requirement specified in the definition of FCC part 2 section.1. Describe how each individual EUT meets the requirement that each of its hopping channels is used equally on average (e.g., that each new transmission event begins on the next channel in the hopping sequence after the final channel used in the previous transmission event). A single data frame is transmitted on each frequency location before skipping to the next hopping frequency in the list. So each hopping channels is used equally on average in long term.
Receiver input bandwidth	Describe how the associated receiver(s) complies with the requirement that its input bandwidth (either RF or IF) matches the bandwidth of the transmitted signal. Both receiver and transmitter are set to same bandwidth of 2MHz. Describe how the associated receiver(s) has the ability to shift frequencies in synchronization with the transmitted signals. Both transmitter and receiver will share the same device ID so the same sequence is generated for the communication. Moreover, the microchip has a clock recovery mechanism to synchronize the timing between the transmitter and receiver. With the same hopping sequence and timing, the receiver can shift frequencies in synchronization with the transmitted signals.

3.3 Independent Operation Modes

The basic operation modes are:

A. On, General 2.4GHz wireless transmitting (with adapter + battery #1)
    1. Low channel
    2. Middle channel
    3. High channel
B. On, General 2.4GHz wireless on hopping channel (with adapter + battery #1)
C. On, Normal operation with general 2.4GHz wireless transmitting (with adapter + battery #1)
D. On, Charging mode (with adapter + battery #1, adapter + battery #2)
E. 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
- Photo Document
- Schematics
- User Manual

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 and ANSI C63.4: 2014.
According to clause 3.2, Radio Spectrum and Radiated Spurious Emission tests were performed on model MBP33SPU(with adapter + Battery #1), and Conducted Emission and Radiated Emission tests were performed on model MBP33SPU with all operation mode in this report.

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Notebook	HP	Compaq 6515b	SS05538914	N/A
Digital Video Baby Monitor (Baby Unit)	VTech (Dongguan) Telecommunications Ltd.	MBP33SBU	N/A	N/A

4.4 Countermeasures to Achieve EMC Compliance

Additional countermeasures to the submitted test sample(s) for Radiated Spurious Emission were employed to achieve compliance.

4.5 Test Setup Diagram

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

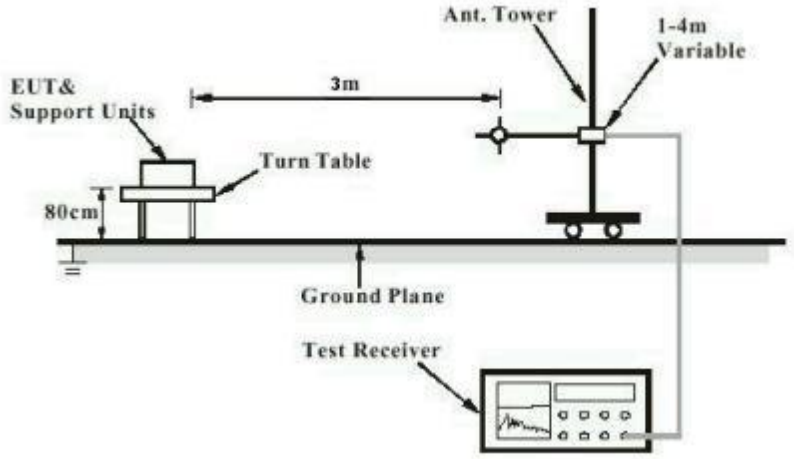


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

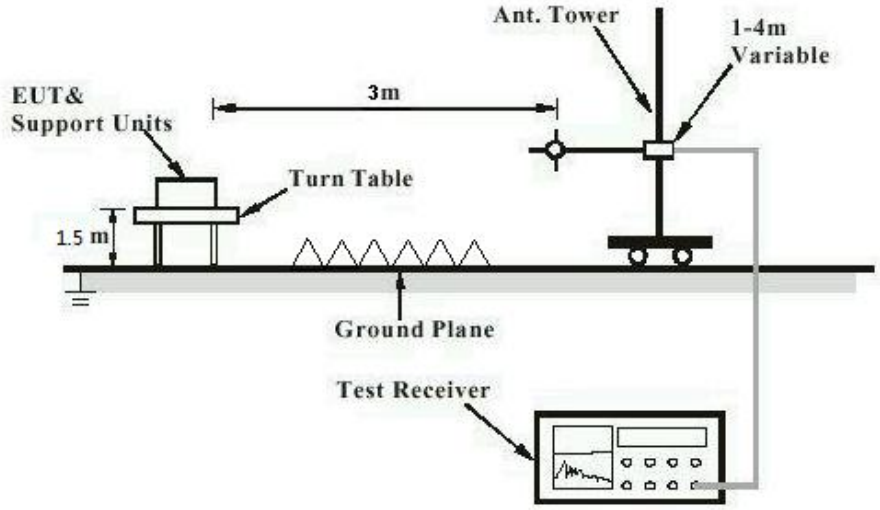


Diagram of Measurement Configuration for Mains Conduction Measurement

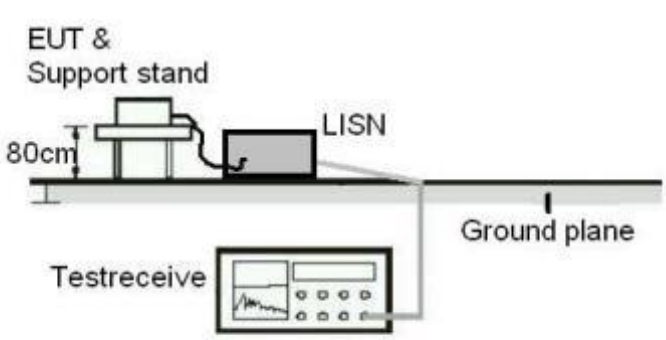
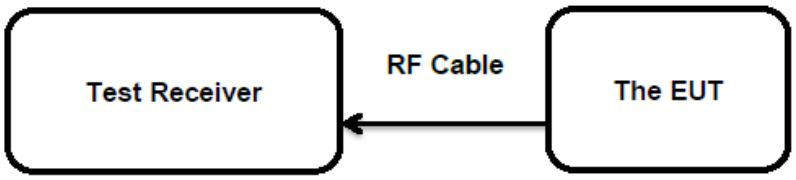


Diagram of Measurement Configuration for Conducted Transmitter Measurement



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	:	17.02.2017
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 6: Test Result of Maximum Peak Conducted Output Power

Test EUT	Frequency (MHz)	Measured Power		Limit (W)
		(dBm)	(W)	
Parent Unit	2405.0	17.704	0.05894	< 0.125
	2441.0	17.454	0.05564	
	2475.0	16.909	0.04908	
Maximum Measured Value		17.704	0.05894	

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

For the measurement records, refer to the appendix B.

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	:	17.02.2017
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 7: Test Result of 99% Bandwidth

Test EUT	Frequency (MHz)	99% Bandwidth (MHz)	Limit (kHz)
Parent Unit	2405.0	2.124	/
	2441.0	2.121	
	2475.0	2.114	
Maximum Measured Value		2.124	

For the measurement records, refer to the appendix B.

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	:	17.02.2017
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

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

For the measurement records, refer to the appendix B.

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	:	Refer to test result
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

Remark:
Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix C.

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	:	17.02.2017
Input voltage	:	AC 120V, 60Hz
Operation mode	:	A
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 8: Test Result of 20dB Bandwidth

Test EUT	Frequency (MHz)	20dB Bandwidth (kHz)	2/3 of 20dB Bandwidth (kHz)	Limit (MHz)
Parent Unit	2405.0	2093.0	1395.3	/
	2441.0	2093.0	1395.3	
	2475.0	2093.0	1395.3	
Maximum Measured Value		2093.0	1395.3	/

For the measurement records, refer to the appendix B.

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	:	≥ 25kHz or 2/3 of 20dB bandwidth, whichever is greater
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	17.02.2017
Input voltage	:	AC 120V, 60Hz
Operation mode	:	B
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 9: Test Result of Carrier Frequency Separation

Test EUT	Test Channel	Frequency (MHz)	Measured Channel Separation (KHz)	Limit (kHz)
Parent Unit	Low Channel	2405.0	2000.0	≥ 25kHz or 2/3 of 20dB bandwidth
	Adjacency Channel	2407.0		
	Middle Channel	2441.0	3000.0	
	Adjacency Channel	2444.0		
	High Channel	2475.0	2008.0	
	Adjacency Channel	2473.0		

Note: The limit is maximum 2/3 of the 20 dB bandwidth: 1395.3 KHz.

For the measurement records, refer to the appendix B.

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	:	17.02.2017
Input voltage	:	AC 120V, 60Hz
Operation mode	:	B
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 10: Test Result of Number of Hopping Frequency

Test EUT	Frequency Range	Measured Quantity of Hopping Channel	Limit
Parent Unit	2405 - 2475 MHz	32	≥15

For the measurement records, refer to the appendix B.

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	:	17.02.2017
Input voltage	:	AC 120V, 60Hz
Operation mode	:	B
Test channel	:	Low / Middle / High
Ambient temperature	:	25 ℃
Relative humidity	:	56 %
Atmospheric pressure	:	101 kPa

For details refer to following test result.

Table 11: Test Result of Time of Occupancy

Test EUT	Frequency (MHz)	Pulse width (ms)	Number of Channels	Measured Dwell time (s)	Limit (s)
Parent Unit	2405.0	0.812	70	0.057	0.4s
	2441.0	0.812	70	0.057	
	2475.0	0.841	70	0.059	

Note:

Dwell time = Pulse width x Number of channels in Period

Period = 0.4 (seconds/ channel) x 32 (channel) = 12.8 seconds

For the measurement records, refer to the appendix B.

5.1.10 Conducted Emission on AC Mains

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.207(a) & FCC Part 15.107(a)
		RSS-Gen Clause 8.8 & ICES-003
Basic standard	:	ANSI C63.10: 2013 & ANSI C63.4: 2014
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a) & FCC Part 15.107(a)
		RSS-Gen Table 3 & ICES-003 Table 2
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	11.02.2017
Input voltage	:	AC 120V, 60Hz
Operation mode	:	C, D
Earthing	:	Not connected
Ambient temperature	:	22 ℃
Relative humidity	:	55 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix C.

5.1.11 Radiated Emission

RESULT: **Pass**

Test Specification

Test standard	:	FCC Part 15.109(a)
		ICES-003
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	30 - 6000MHz
Classification	:	Class B
Limits	:	FCC Part 15.109(a)
		ICES-003 Table 5 & Table 7
Kind of test site	:	3m Semi-anechoic Chamber

Test Setup

Date of testing	:	Refer to test result
Input voltage	:	AC 120V, 60Hz
Operation mode	:	C
Earthing	:	Not connected
Ambient temperature	:	24 ℃
Relative humidity	:	48 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix C.

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT: **Pass**

Test Specification

Test standard	:	CFR47 FCC Part 2: Section 2.1091
		CFR47 FCC Part 1: Section 1.1310
		FCC KDB Publication 447498 v06
		FCC KDB Publication 865664 D02 v01r02
		OET Bulletin 65 (Edition 97-01)
		RSS-102 Issue 5 March 2015

➢ **FCC requirements**

FCC requirement: Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 20cm normally can be maintained between the user and the device.

MPE Calculation Method according to OET Bulletin 65

Power Density: $S_{(mW/cm^2)}= PG/4\pi R^2$ or $EIRP/4\pi R^2$

Where:

S = power density (mW/cm^2)

P = power input to the antenna (mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna (cm)

The nominal maximum conducted output power specified:

2.4GHz FHSS: 20.00 dBm

From the peak RF output power, the minimum mobile separation distance, d=20 cm, as well as the antenna gain (Max. 0.0 dBi for 2.4GHz FHSS), the RF power density can be calculated as below:

For 2.4GHz FHSS: $\mathbf{S_{(mW/cm^2)}= PG/4\pi R^2 =}$ 0.020 mW/cm^2

Limits for Maximum Permissible Exposure (MPE) according to FCC Part 1.1310:

1.0 mW/cm^2

➢ **IC requirements:** The EUT shall comply with the requirement of RSS-102 section 2.5.2.

Exemption from Routine Evaluation Limits – RF Exposure Evaluation

RF exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm, except when the device operates as follows:

at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than $1.31 \times 10^{-2}\ f^{0.6834}$ W (adjusted for tune-up tolerance), where f is in MHz;

- RF exposure evaluation exempted power for 2.4GHz FHSS: 2.679 W

The nominal maximum conducted output power specified:

2.4GHz FHSS: 20.00 dBm

Antenna Gain: 0.0 dBi for 2.4GHz FHSS

The Max. e.i.r.p. for 2.4GHz FHSS = 20.00 dBm ≈ 0.100 W is less than the RF exposure evaluation exempted power. So RF exposure evaluation is not required.

"RF Radiation Exposure Statement Caution: This Transmitter must be installed to provide a separation distance of at least 20 cm from all persons."

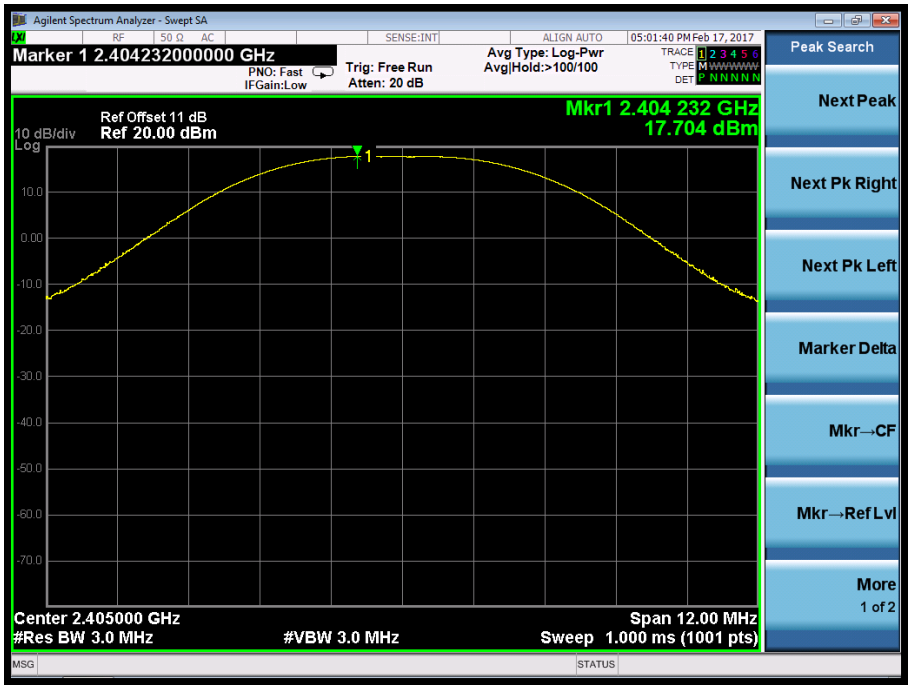
7 Photographs of the Test Set-Up

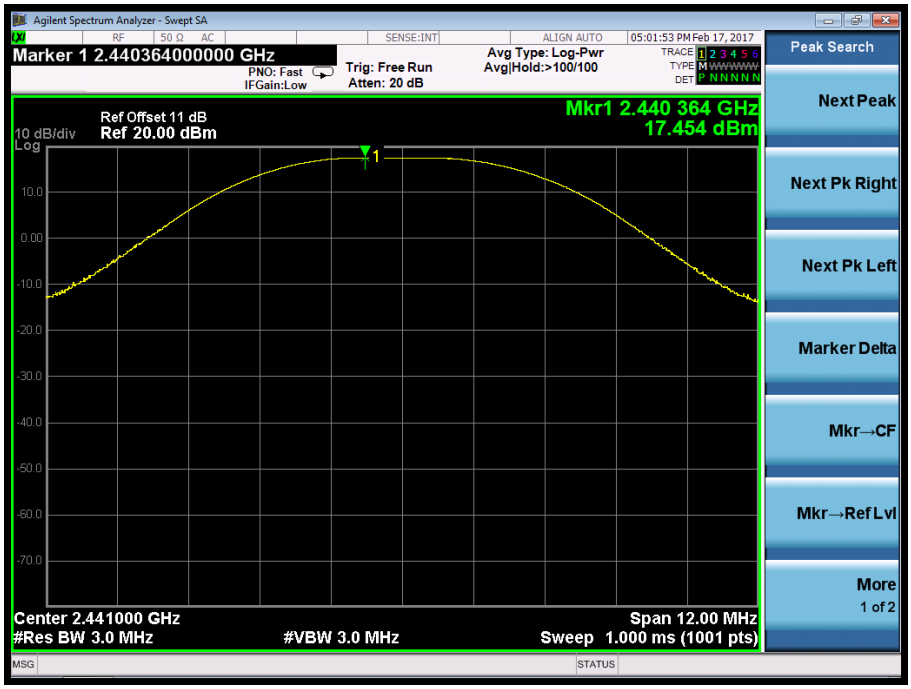
For photographs of the test set-up, refer to the appendix A.

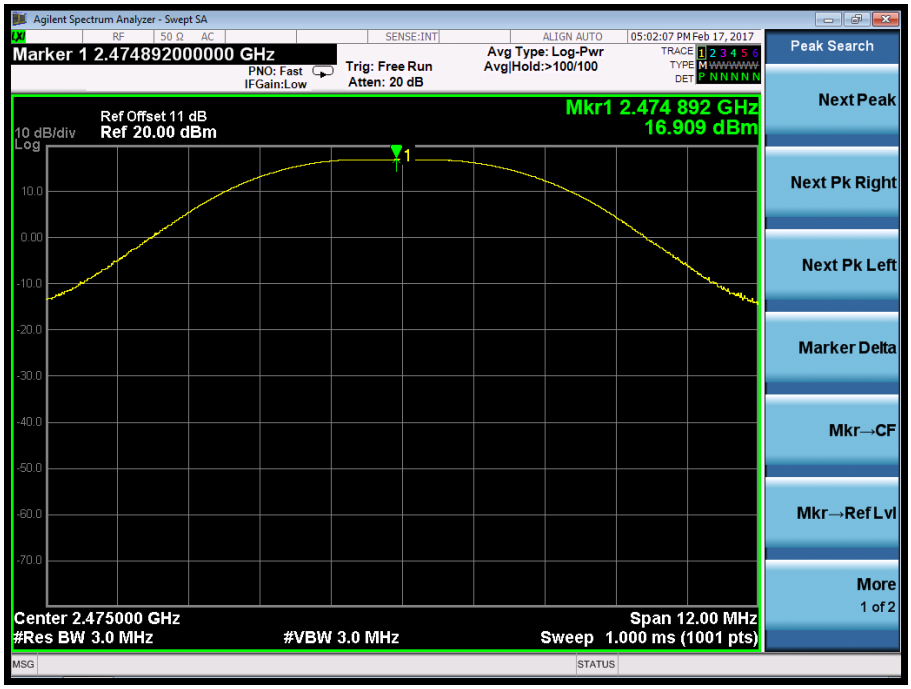
8 List of Tables

Appendix B: Test Results of Conducted Testing

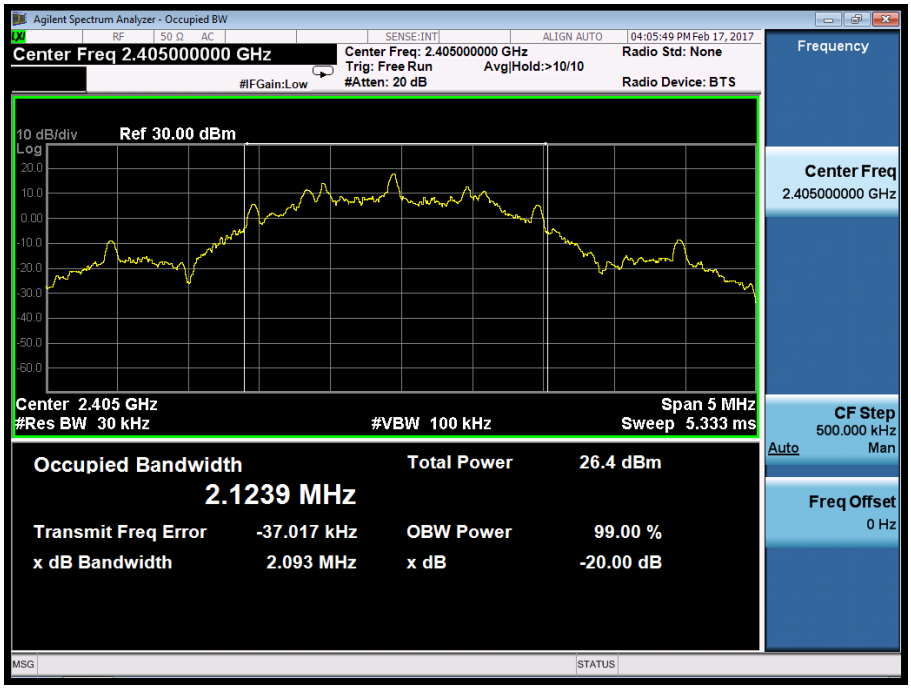
Appendix B.1: Test Results of Maximum Peak Conducted Output Power

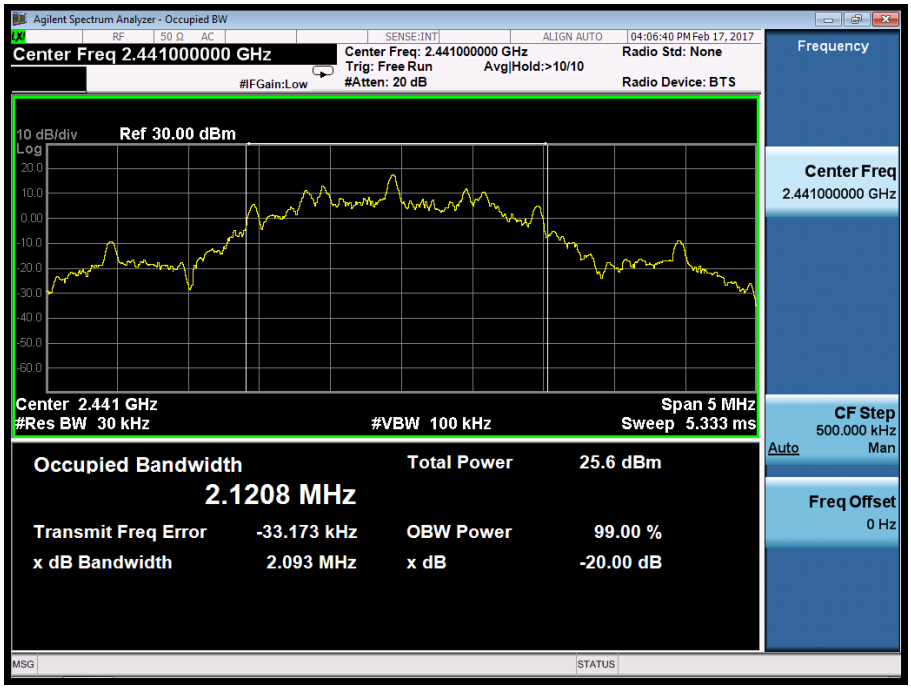


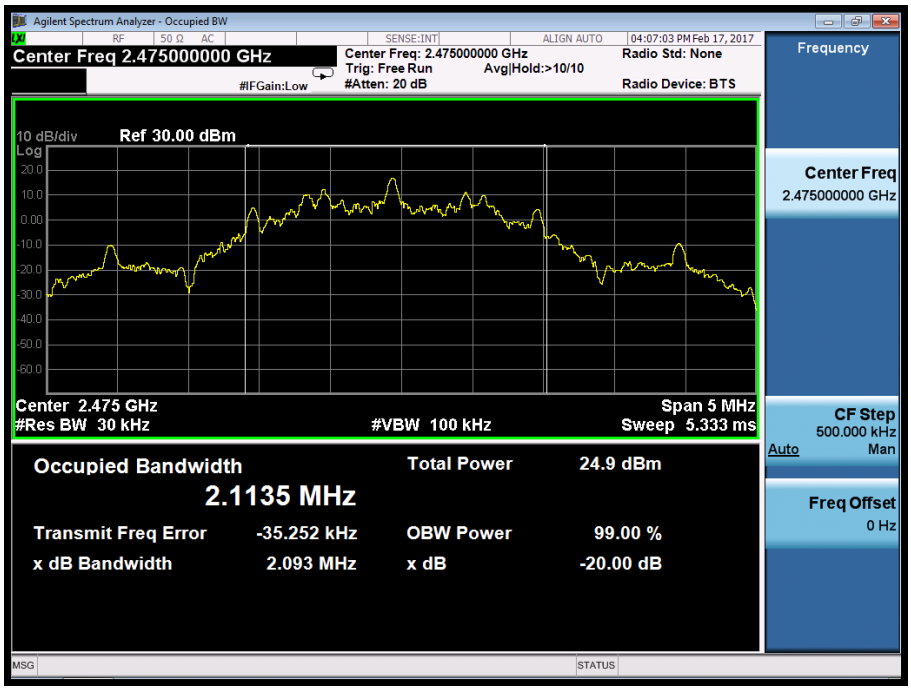




Appendix B.2: Test Results of 99% Bandwidth and 20dB Bandwidth



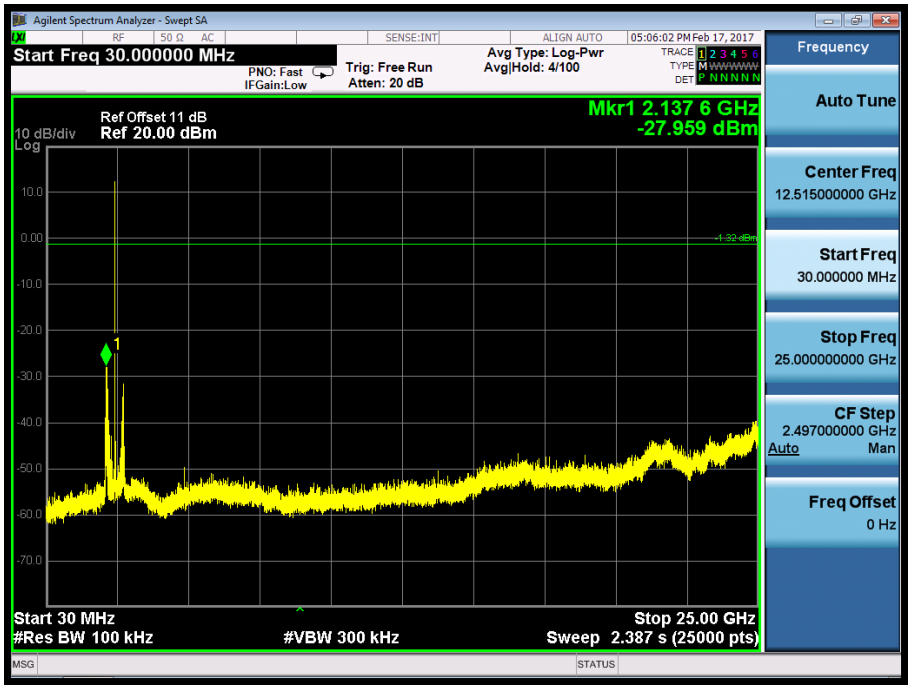

Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.441000000 GHz
Center Freq: 2.441000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 20 dB
Radio Std: None
Radio Device: BTS
#IFGain:Low
04:06:40 PM Feb 17, 2017
Frequency
10 dB/div
Log
Ref 30.00 dBm
Center 2.441 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 5 MHz
Sweep 5.333 ms
Occupied Bandwidth
2.1208 MHz
Total Power
25.6 dBm
Transmit Freq Error
-33.173 kHz
OBW Power
99.00 %
x dB Bandwidth
2.093 MHz
x dB
-20.00 dB
Center Freq
2.441000000 GHz
CF Step
500.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS


Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.475000000 GHz
Center Freq: 2.475000000 GHz
Trig: Free Run
Avg|Hold:>10/10
#Atten: 20 dB
Radio Std: None
Radio Device: BTS
#IFGain:Low
04:07:03 PM Feb 17, 2017
Frequency
10 dB/div
Log
Ref 30.00 dBm
Center 2.475 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 5 MHz
Sweep 5.333 ms
Occupied Bandwidth
2.1135 MHz
Total Power
24.9 dBm
Transmit Freq Error
-35.252 kHz
OBW Power
99.00 %
x dB Bandwidth
2.093 MHz
x dB
-20.00 dB
Center Freq
2.475000000 GHz
CF Step
500.000 kHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

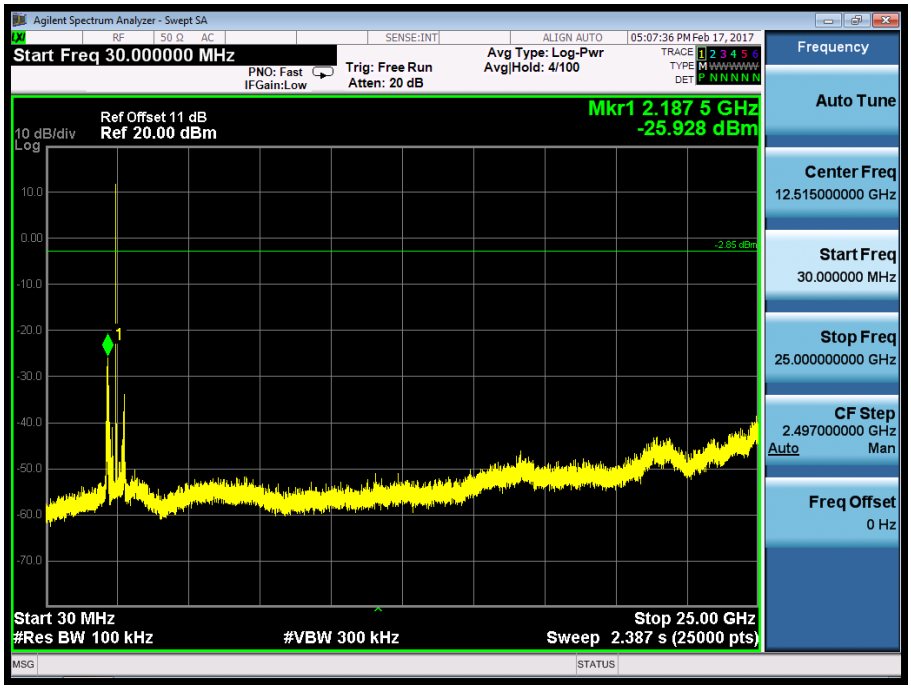
Appendix B.3: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Low Channel

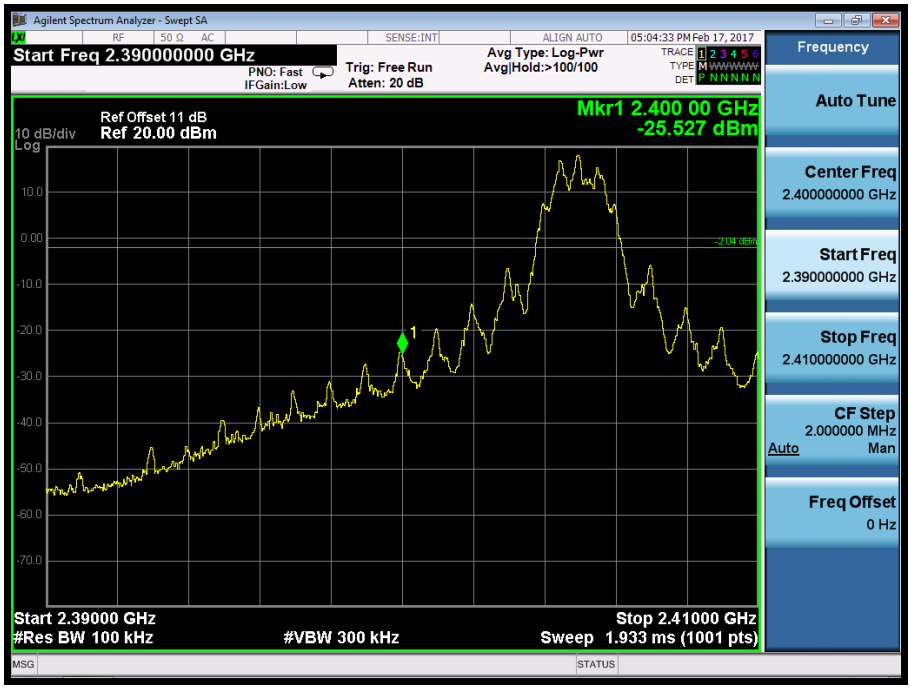
Middle Channel



High Channel

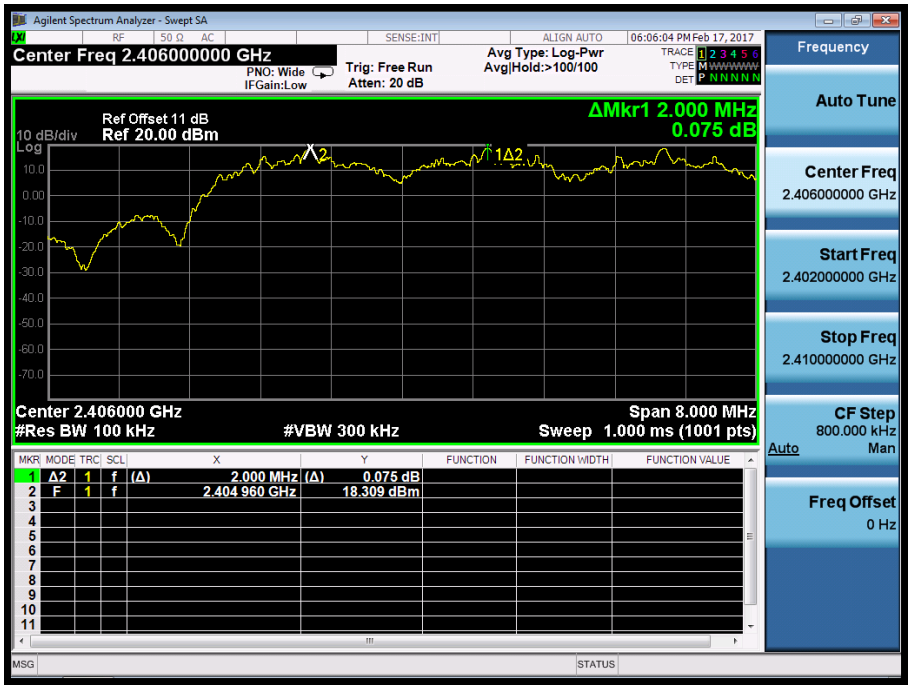


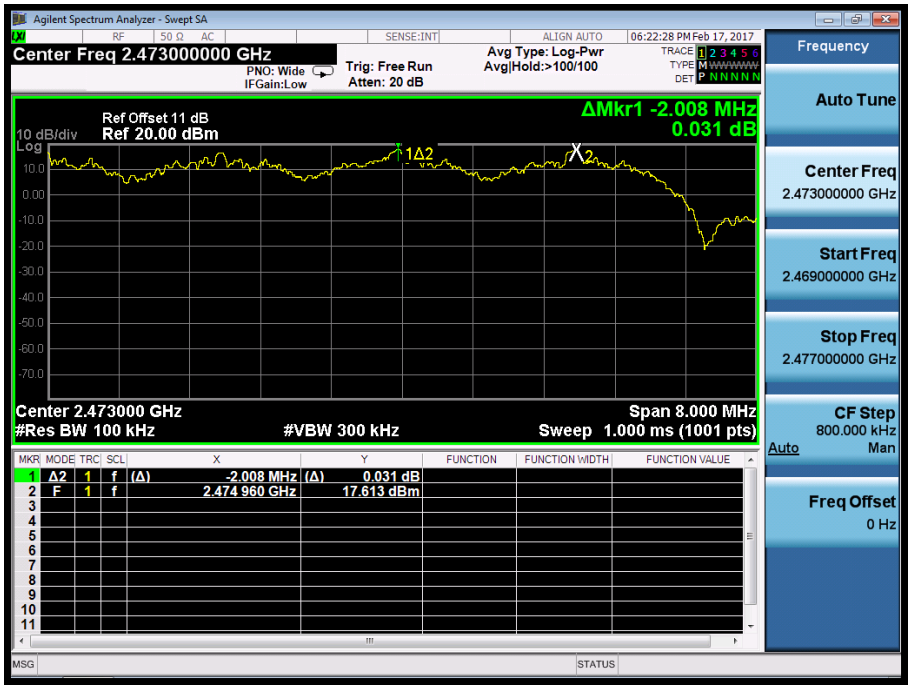
Band Edge, Low Channel



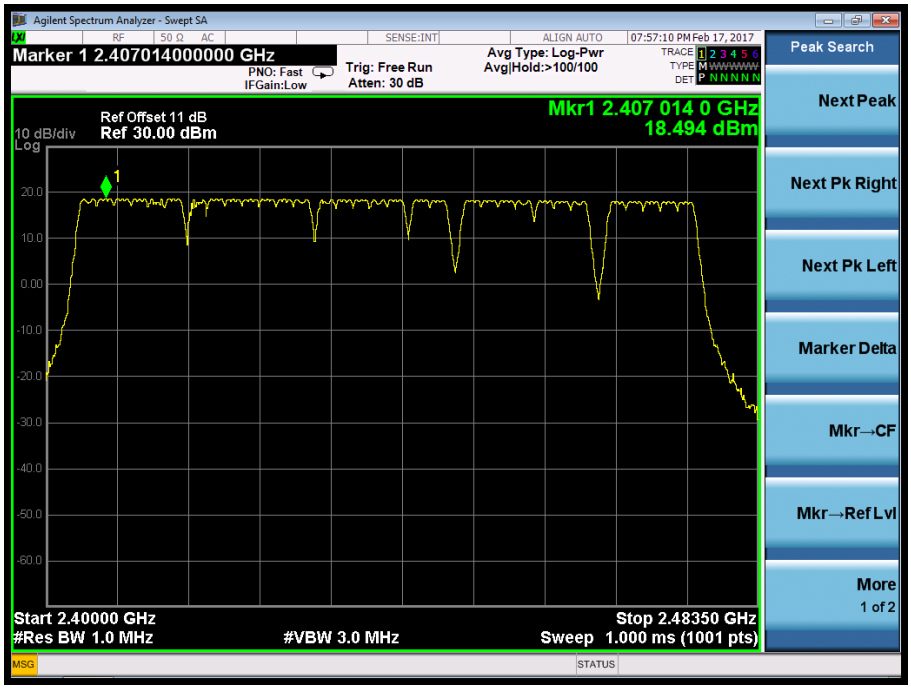
Band Edge, High Channel

Appendix B.4: Test Results of Carrier Frequency Separation



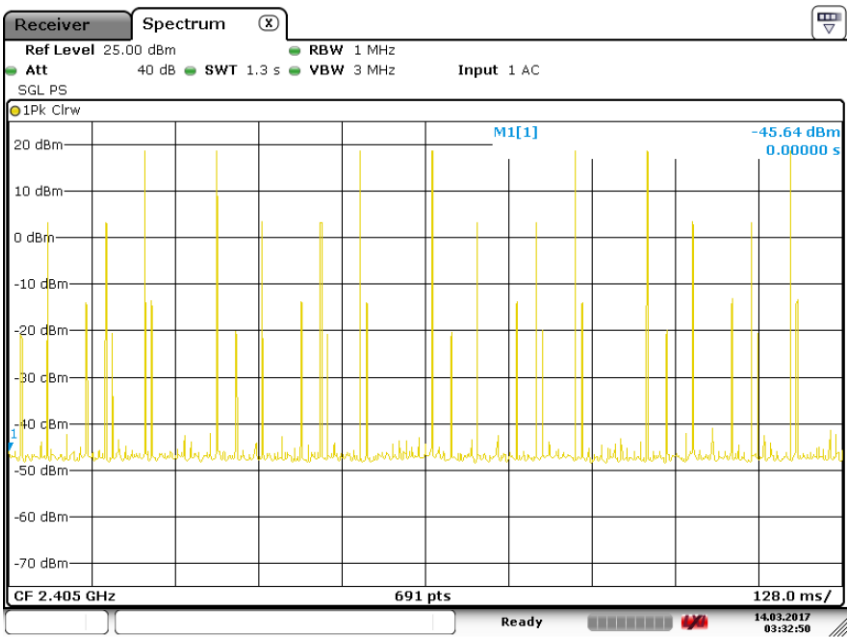


Appendix B.5: Test Results of Number of Hopping Frequency

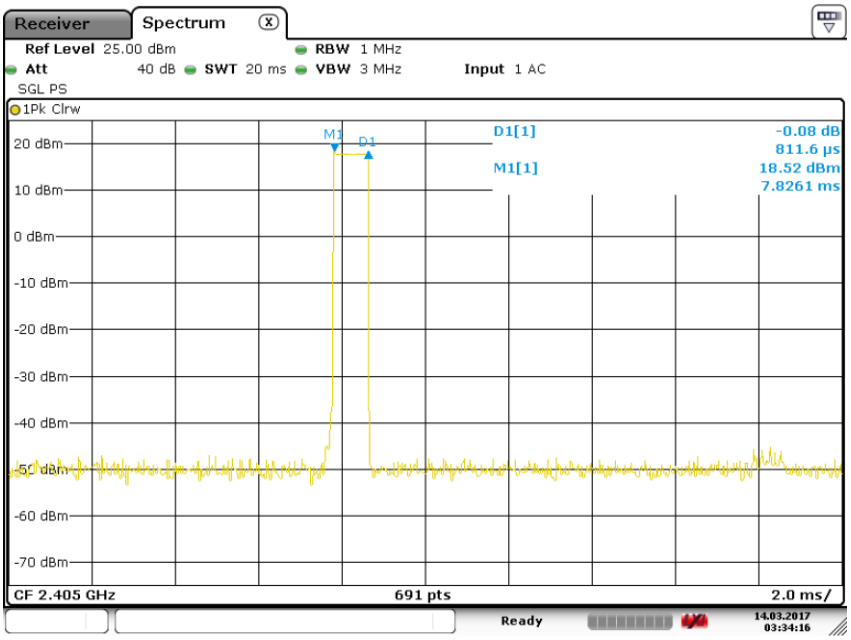


Appendix B.6: Test Results of Time of Occupancy

Low Channel

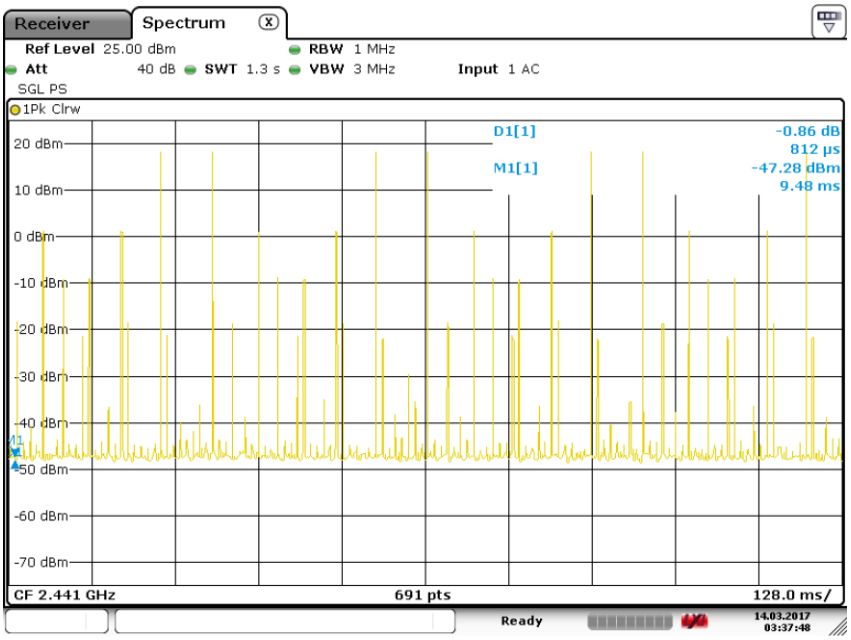


Date: 14.MAR.2017 03:32:50

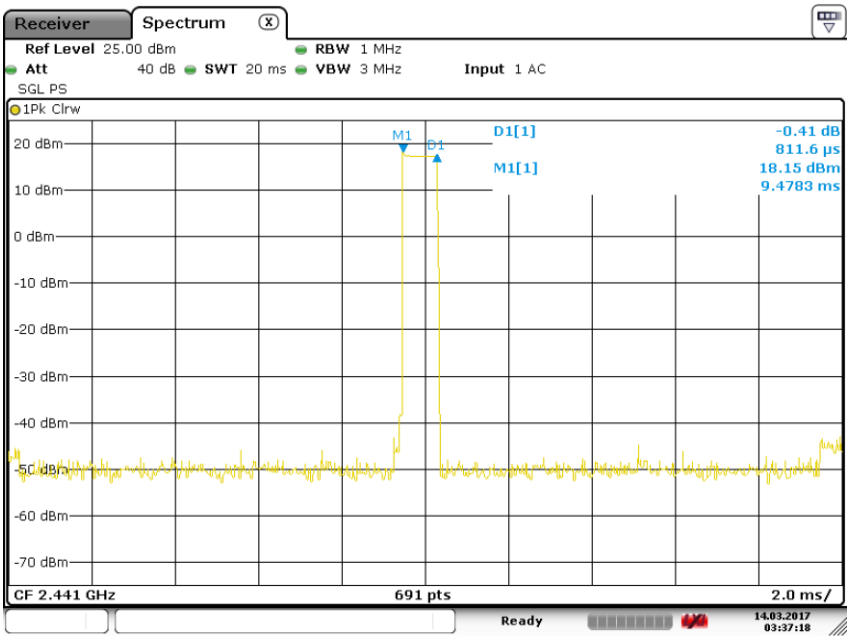


Date: 14.MAR.2017 03:34:16

Middle Channel

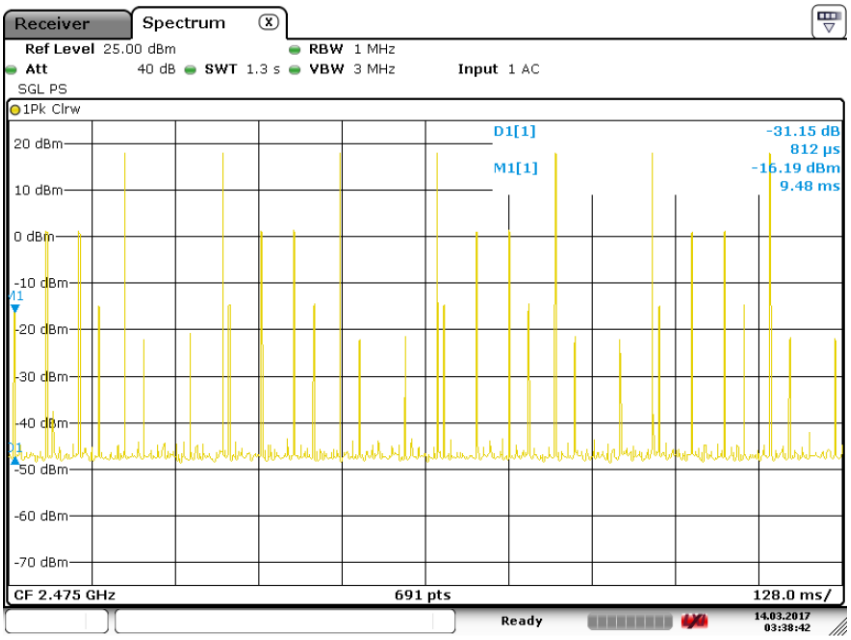


Date: 14.MAR.2017 03:37:48

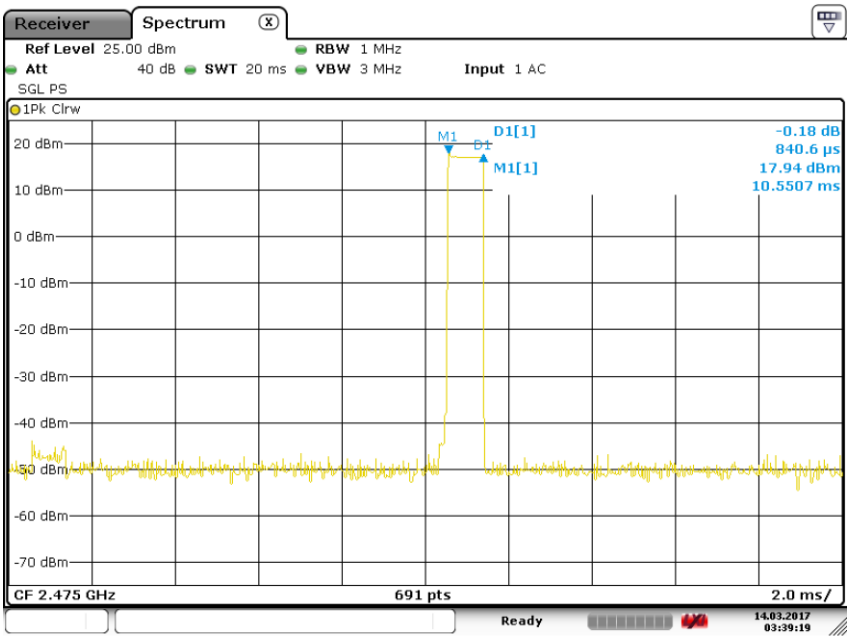


Date: 14.MAR.2017 03:37:19

High Channel



Date: 14.MAR.2017 03:38:41



Date: 14.MAR.2017 03:39:19

Appendix C: Test Results of Radiated Testing

Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 26.5GHz were reported.

Appendix C.1: Test Results of Radiated Spurious Emissions

30MHz - 1GHz

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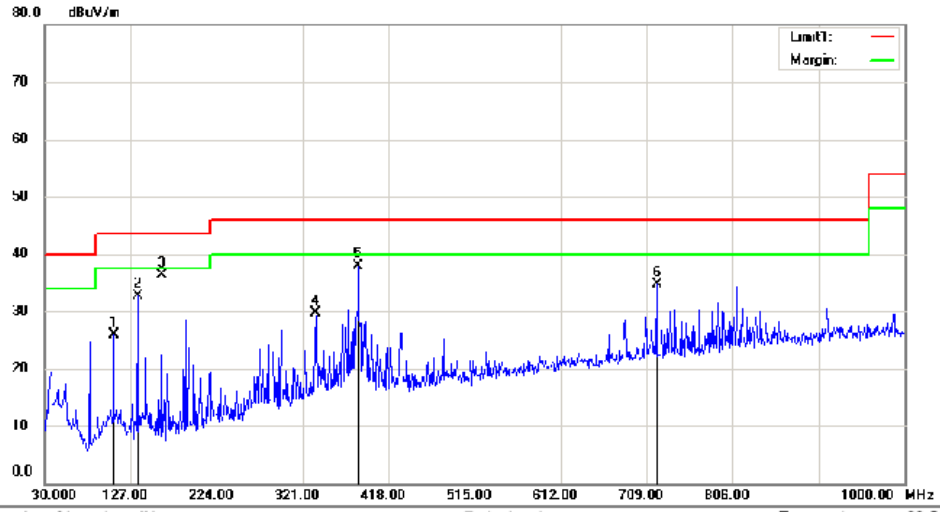
Radiated Emission Measurement

File :TUV Data :#1401 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(LOW CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		107.6000	40.82	-14.90	25.92	43.50	-17.58	QP			
2		134.7600	50.75	-18.10	32.65	43.50	-10.85	QP			
3	*	161.9200	53.71	-17.49	36.22	43.50	-7.28	QP			
4		335.5500	39.52	-9.90	29.62	46.00	-16.38	QP			
5		384.0500	46.70	-8.74	37.96	46.00	-8.04	QP			
6		720.6400	37.16	-2.53	34.63	46.00	-11.37	QP			

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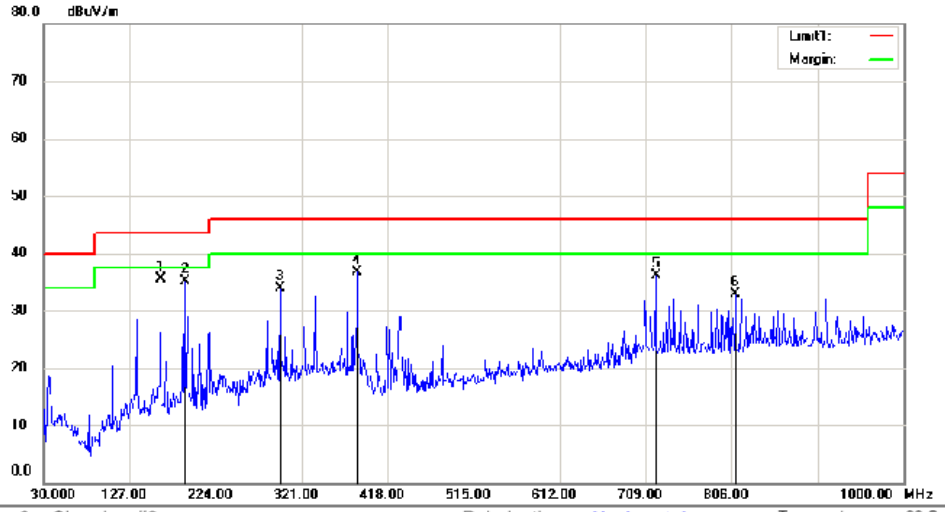
Radiated Emission Measurement

File :TUV Data :#1402 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Horizontal* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(LOW CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	161.9200	53.05	-17.49	35.56	43.50	-7.94	QP			
2		189.0800	51.07	-15.98	35.09	43.50	-8.41	QP			
3		296.7500	45.25	-11.35	33.90	46.00	-12.10	QP			
4		384.0500	45.51	-8.74	36.77	46.00	-9.23	QP			
5		720.6400	38.56	-2.53	36.03	46.00	-9.97	QP			
6		810.8500	33.86	-0.95	32.91	46.00	-13.09	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1402 *Page: 1*

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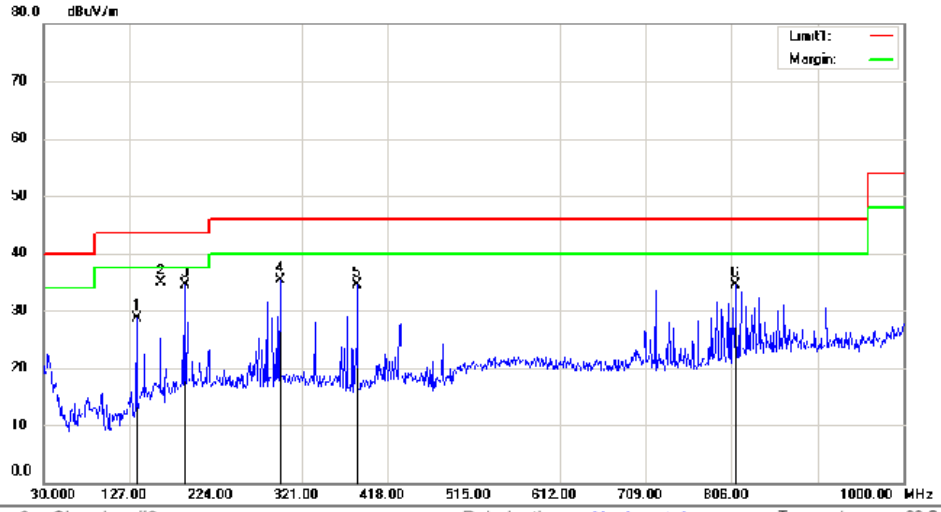
Radiated Emission Measurement

File :TUV Data :#1403 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Horizontal* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(MID CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		134.7600	46.75	-18.10	28.65	43.50	-14.85	QP			
2	*	161.9200	52.40	-17.49	34.91	43.50	-8.59	QP			
3		189.0800	50.42	-15.98	34.44	43.50	-9.06	QP			
4		296.7500	46.73	-11.35	35.38	46.00	-10.62	QP			
5		384.0500	43.32	-8.74	34.58	46.00	-11.42	QP			
6		810.8500	35.41	-0.95	34.46	46.00	-11.54	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1403 *Page: 1*

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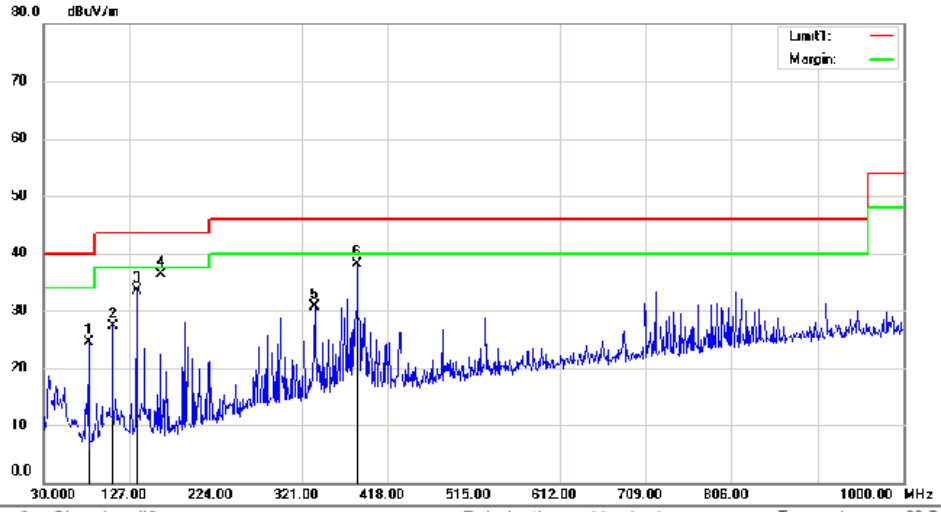
Radiated Emission Measurement

File :TUV Data :#1404 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(MID CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		80.4400	43.87	-19.40	24.47	40.00	-15.53	QP			
2		107.6000	42.18	-14.90	27.28	43.50	-16.22	QP			
3		134.7600	51.60	-18.10	33.50	43.50	-10.00	QP			
4	*	161.9200	53.87	-17.49	36.38	43.50	-7.12	QP			
5		335.5500	40.64	-9.90	30.74	46.00	-15.26	QP			
6		384.0500	46.92	-8.74	38.18	46.00	-7.82	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1404 *Page: 1*

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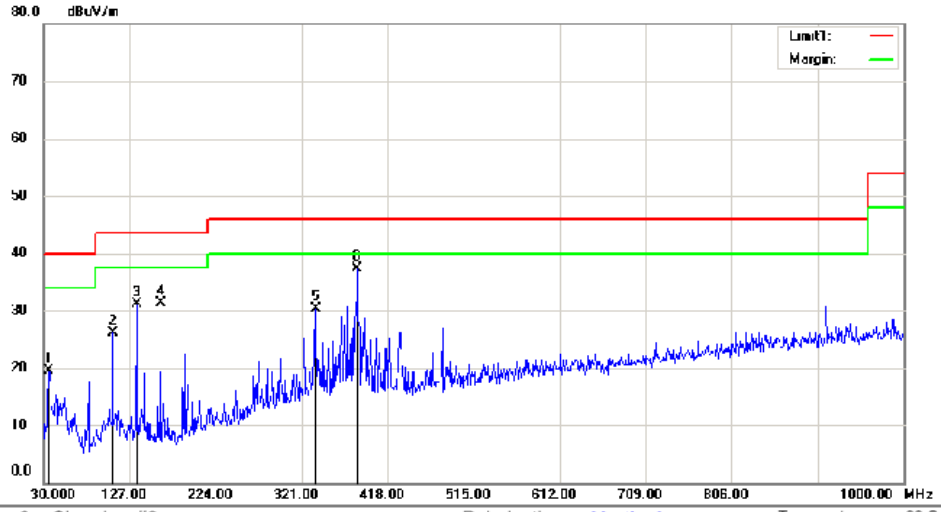
Radiated Emission Measurement

File :TUV Data :#1405 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(HIGH CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		35.8200	35.93	-16.45	19.48	40.00	-20.52	QP			
2		107.6000	41.04	-14.90	26.14	43.50	-17.36	QP			
3		134.7600	49.26	-18.10	31.16	43.50	-12.34	QP			
4		161.9200	48.73	-17.49	31.24	43.50	-12.26	QP			
5		336.5200	40.12	-9.87	30.25	46.00	-15.75	QP			
6	*	384.0500	46.08	-8.74	37.34	46.00	-8.66	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1405 *Page: 1*

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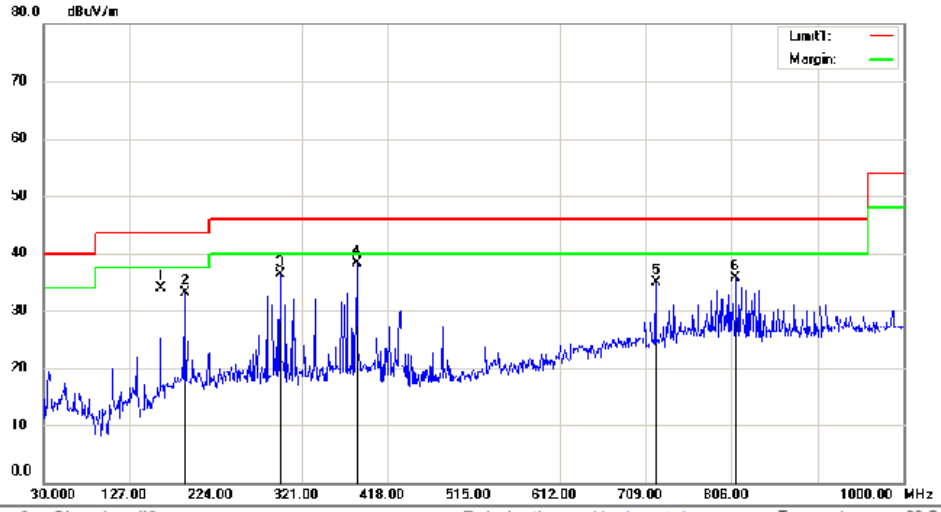
Radiated Emission Measurement

File :TUV Data :#1406 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Horizontal* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(HIGH CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		161.9200	51.44	-17.49	33.95	43.50	-9.55	QP			
2		189.0800	49.10	-15.98	33.12	43.50	-10.38	QP			
3		296.7500	47.73	-11.35	36.38	46.00	-9.62	QP			
4	*	384.0500	47.02	-8.74	38.28	46.00	-7.72	QP			
5		720.6400	37.42	-2.53	34.89	46.00	-11.11	QP			
6		810.8500	36.58	-0.95	35.63	46.00	-10.37	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1406 *Page: 1*

1GHz - 18GHz

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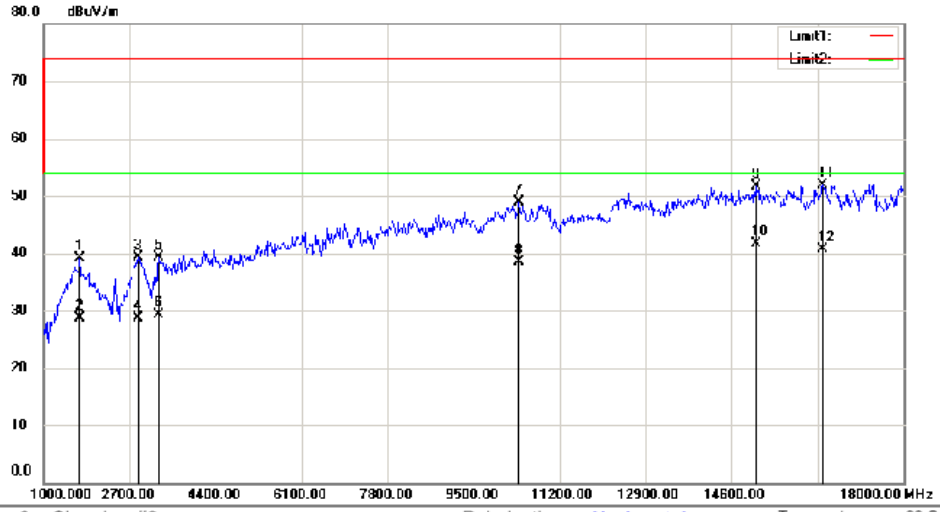
Radiated Emission Measurement

File :TUV Data :#1445 Date: 2017-2-14



Site 3m Chamber #2 Polarization: ***Horizontal*** Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(LOW CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1714.000	53.32	-14.27	39.05	74.00	-34.95	peak			
2		1714.000	42.92	-14.27	28.65	54.00	-25.35	AVG			
3		2870.000	48.75	-9.49	39.26	74.00	-34.74	peak			
4		2870.000	38.14	-9.49	28.65	54.00	-25.35	AVG			
5		3278.000	47.57	-8.19	39.38	74.00	-34.62	peak			
6		3278.000	37.43	-8.19	29.24	54.00	-24.76	AVG			
7		10401.00	39.48	9.49	48.97	74.00	-25.03	peak			
8		10401.00	28.98	9.49	38.47	54.00	-15.53	AVG			
9		15076.00	39.44	12.29	51.73	74.00	-22.27	peak			
10	*	15076.00	29.34	12.29	41.63	54.00	-12.37	AVG			
11		16402.00	39.02	12.82	51.84	74.00	-22.16	peak			
12		16402.00	27.80	12.82	40.62	54.00	-13.38	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1445 *Page: 1*

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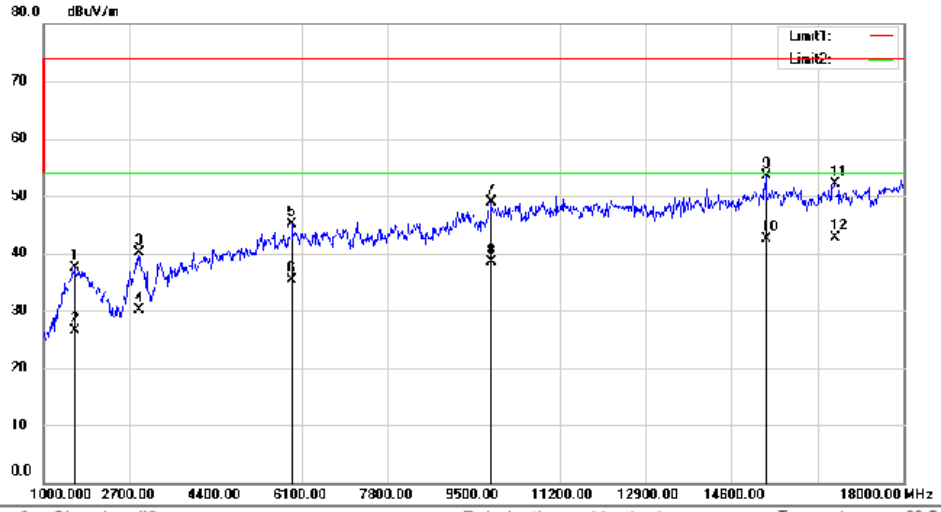
Radiated Emission Measurement

File :TUV Data :#1446 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(LOW CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1612.000	51.91	-14.32	37.59	74.00	-36.41	peak			
2		1612.000	40.90	-14.32	26.58	54.00	-27.42	AVG			
3		2887.000	49.46	-9.40	40.06	74.00	-33.94	peak			
4		2887.000	39.54	-9.40	30.14	54.00	-23.86	AVG			
5		5913.000	45.70	-0.55	45.15	74.00	-28.85	peak			
6		5913.000	35.78	-0.55	35.23	54.00	-18.77	AVG			
7		9857.000	40.57	8.36	48.93	74.00	-25.07	peak			
8		9857.000	30.05	8.36	38.41	54.00	-15.59	AVG			
9		15280.00	41.70	11.78	53.48	74.00	-20.52	peak			
10		15280.00	30.74	11.78	42.52	54.00	-11.48	AVG			
11		16640.00	37.68	14.48	52.16	74.00	-21.84	peak			
12	*	16640.00	28.27	14.48	42.75	54.00	-11.25	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1446 *Page: 1*

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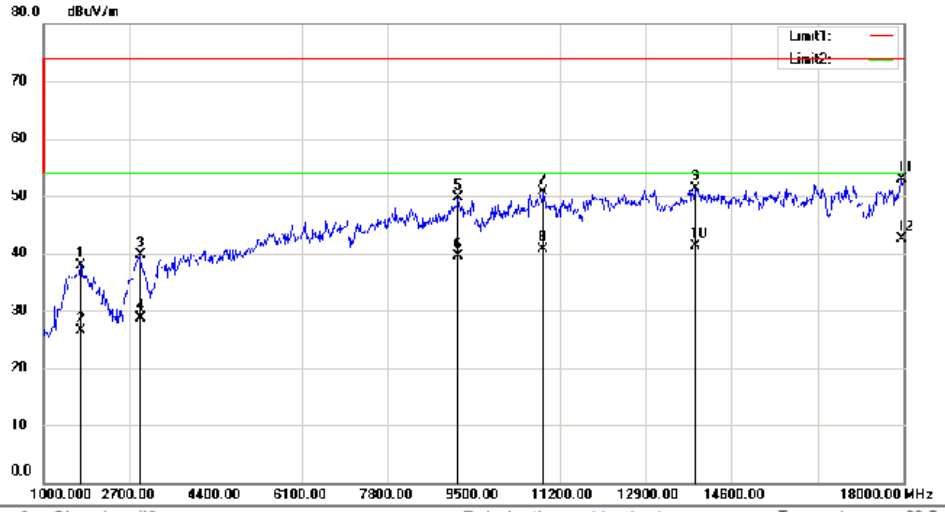
Radiated Emission Measurement

File :TUV Data :#1447 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(MID CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1731.000	52.21	-14.27	37.94	74.00	-36.06	peak			
2		1731.000	40.85	-14.27	26.58	54.00	-27.42	AVG			
3		2904.000	48.93	-9.31	39.62	74.00	-34.38	peak			
4		2904.000	37.95	-9.31	28.64	54.00	-25.36	AVG			
5		9194.000	42.53	7.09	49.62	74.00	-24.38	peak			
6		9194.000	32.38	7.09	39.47	54.00	-14.53	AVG			
7		10877.00	40.23	10.53	50.76	74.00	-23.24	peak			
8		10877.00	30.09	10.53	40.62	54.00	-13.38	AVG			
9		13886.00	37.49	13.85	51.34	74.00	-22.66	peak			
10		13886.00	27.47	13.85	41.32	54.00	-12.68	AVG			
11		17966.00	34.66	18.34	53.00	74.00	-21.00	peak			
12	*	17966.00	24.24	18.34	42.58	54.00	-11.42	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1447 *Page: 1*

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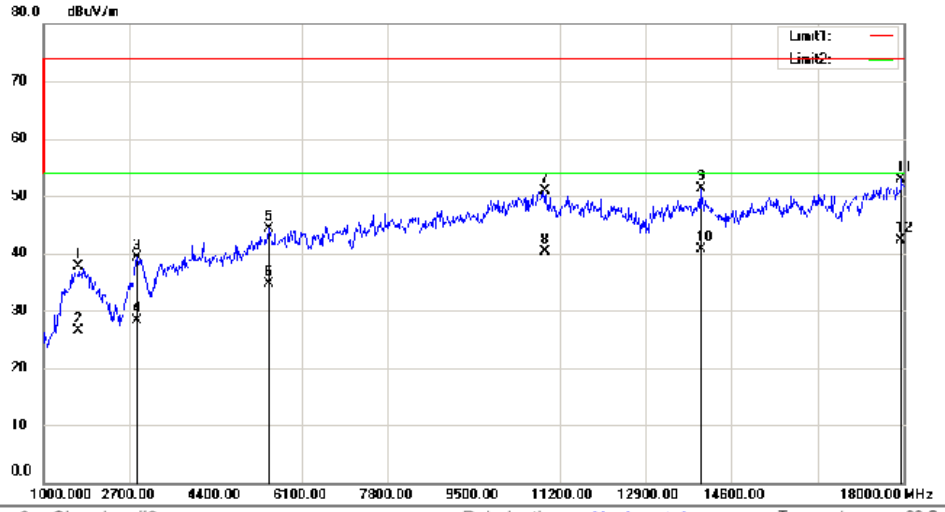
Radiated Emission Measurement

File :TUV Data :#1448 Date: 2017-2-14



Site 3m Chamber #2 Polarization: ***Horizontal*** Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(MID CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1697.000	51.99	-14.28	37.71	74.00	-36.29	peak			
2		1697.000	40.86	-14.28	26.58	54.00	-27.42	AVG			
3		2853.000	48.99	-9.59	39.40	74.00	-34.60	peak			
4		2853.000	37.95	-9.59	28.36	54.00	-25.64	AVG			
5		5454.000	46.47	-2.25	44.22	74.00	-29.78	peak			
6		5454.000	36.97	-2.25	34.72	54.00	-19.28	AVG			
7		10911.00	40.32	10.60	50.92	74.00	-23.08	peak			
8		10911.00	29.63	10.60	40.23	54.00	-13.77	AVG			
9		13988.00	37.05	14.16	51.21	74.00	-22.79	peak			
10		13988.00	26.52	14.16	40.68	54.00	-13.32	AVG			
11		17949.00	34.64	18.32	52.96	74.00	-21.04	peak			
12	*	17949.00	24.04	18.32	42.36	54.00	-11.64	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1448 *Page: 1*

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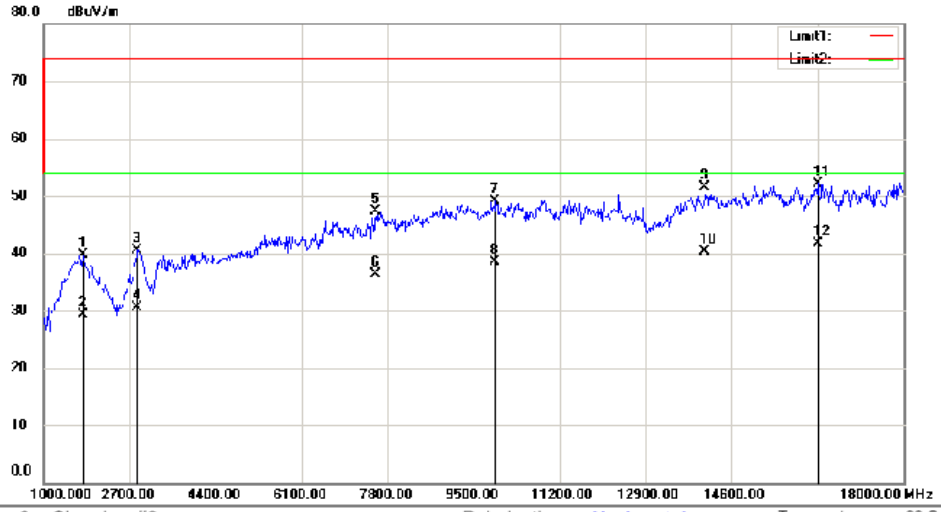
Radiated Emission Measurement

File :TUV Data :#1449 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Horizontal* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(HIGH CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1782.000	53.90	-14.25	39.65	74.00	-34.35	peak			
2		1782.000	43.50	-14.25	29.25	54.00	-24.75	AVG			
3		2853.000	50.16	-9.59	40.57	74.00	-33.43	peak			
4		2853.000	40.06	-9.59	30.47	54.00	-23.53	AVG			
5		7562.000	43.49	3.81	47.30	74.00	-26.70	peak			
6		7562.000	32.44	3.81	36.25	54.00	-17.75	AVG			
7		9925.000	40.68	8.48	49.16	74.00	-24.84	peak			
8		9925.000	29.99	8.48	38.47	54.00	-15.53	AVG			
9		14073.00	37.35	14.07	51.42	74.00	-22.58	peak			
10		14073.00	26.28	14.07	40.35	54.00	-13.65	AVG			
11		16300.00	40.09	12.11	52.20	74.00	-21.80	peak			
12	*	16300.00	29.52	12.11	41.63	54.00	-12.37	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1449 *Page: 1*

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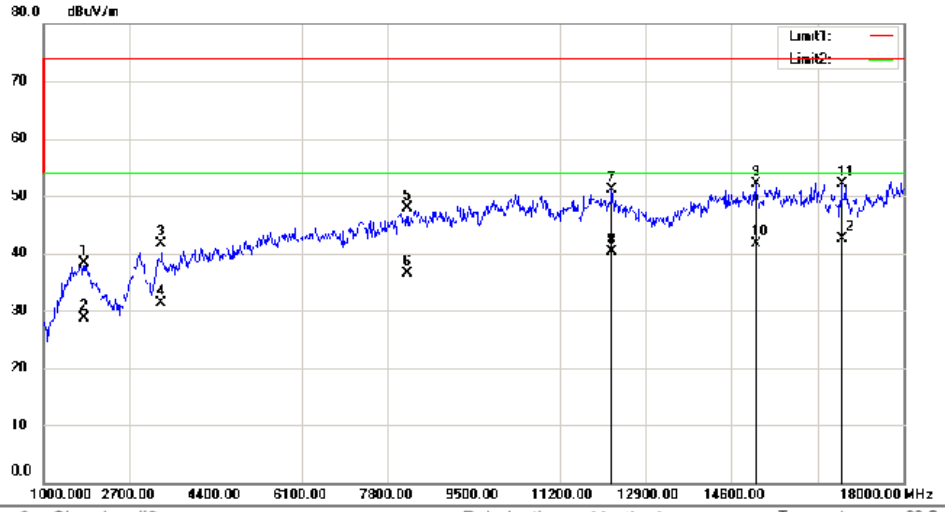
Radiated Emission Measurement

File :TUV Data :#1450 Date: 2017-2-14



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(HIGH CHANNEL)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1799.000	52.59	-14.25	38.34	74.00	-35.66	peak			
2		1799.000	42.90	-14.25	28.65	54.00	-25.35	AVG			
3		3329.000	49.71	-8.09	41.62	74.00	-32.38	peak			
4		3329.000	39.34	-8.09	31.25	54.00	-22.75	AVG			
5		8191.000	42.37	5.45	47.82	74.00	-26.18	peak			
6		8191.000	30.97	5.45	36.42	54.00	-17.58	AVG			
7		12237.00	39.80	11.40	51.20	74.00	-22.80	peak			
8		12237.00	28.86	11.40	40.26	54.00	-13.74	AVG			
9		15076.00	39.85	12.29	52.14	74.00	-21.86	peak			
10		15076.00	29.33	12.29	41.62	54.00	-12.38	AVG			
11		16776.00	36.64	15.42	52.06	74.00	-21.94	peak			
12	*	16776.00	27.16	15.42	42.58	54.00	-11.42	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1450 *Page: 1*

18GHz - 26.5GHz

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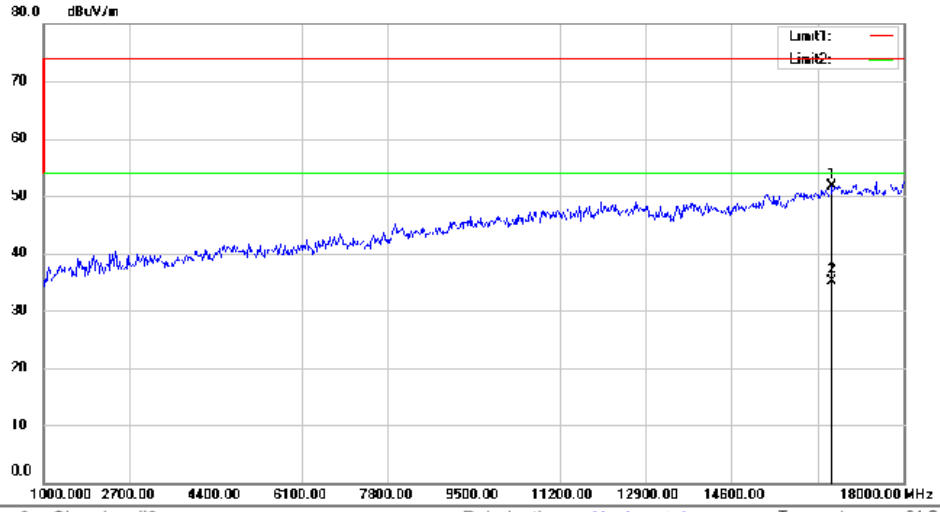
Radiated Emission Measurement

File :TUV Data :#141 Date: 2017/02/14



Site 3m Chamber #3 Polarization: ***Horizontal*** Temperature: 24 C
Limit: (RE)FCC Part 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(LOW Channel)
Note:PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		16589.00	49.12	2.67	51.79	74.00	-22.21	peak			
2	*	16589.00	32.53	2.67	35.20	54.00	-18.80	AVG			

*:Maximum data x:Over limit !:over margin Operator: KK

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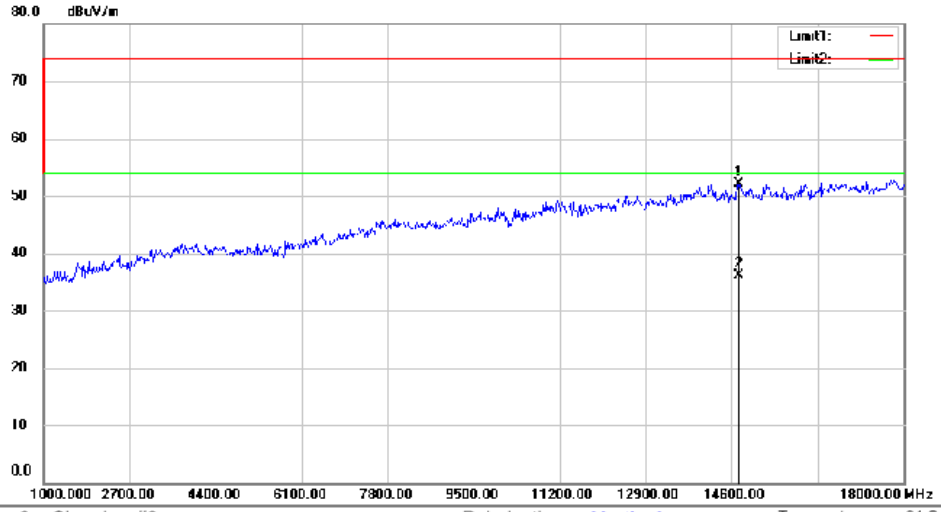
Radiated Emission Measurement

File :TUV Data :#142 Date: 2017/02/14



Site 3m Chamber #3 Polarization: *Vertical* Temperature: 24 C
Limit: (RE)FCC Part 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(LOW Channel)
Note:PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		14736.00	48.08	4.09	52.17	74.00	-21.83	peak			
2	*	14736.00	32.11	4.09	36.20	54.00	-17.80	AVG			

*:Maximum data x:Over limit !:over margin Operator: KK

File :TUV\Data :#142 *Page: 1*

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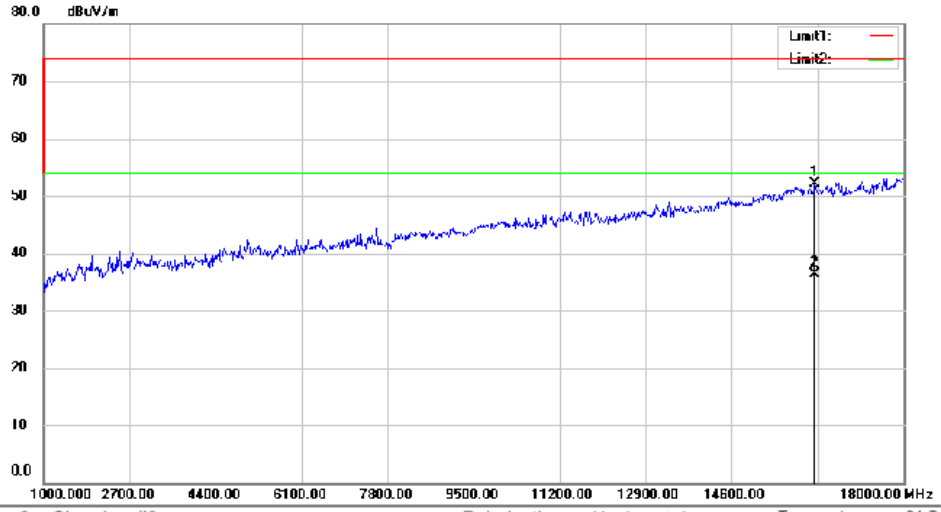
Radiated Emission Measurement

File :TUV Data :#143 Date: 2017/02/14



Site 3m Chamber #3 Polarization: ***Horizontal*** Temperature: 24 C
Limit: (RE)FCC Part 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(MID Channel)
Note:PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		16232.00	51.06	1.13	52.19	74.00	-21.81	peak			
2	*	16232.00	35.27	1.13	36.40	54.00	-17.60	AVG			

*:Maximum data x:Over limit !:over margin Operator: KK

File :TUV\Data :#143 *Page: 1*

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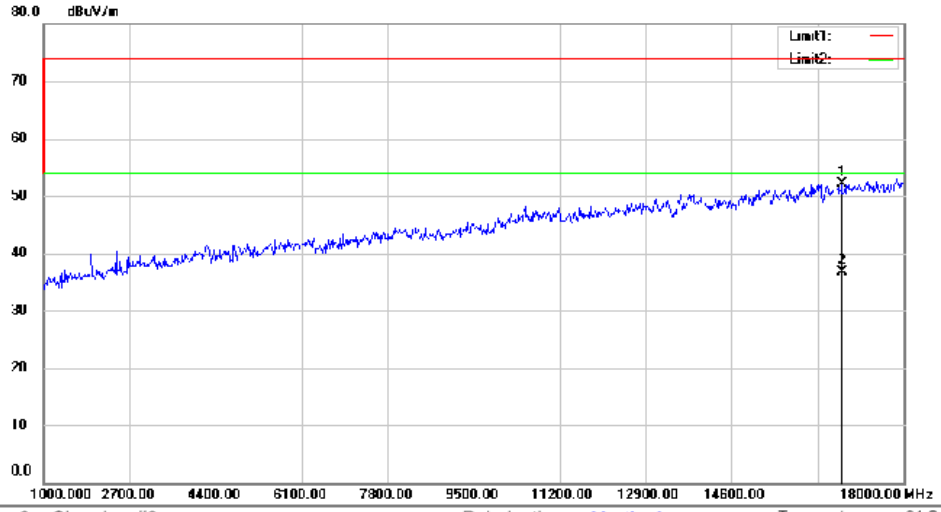
Radiated Emission Measurement

File :TUV Data :#144 Date: 2017/02/14



Site 3m Chamber #3 Polarization: *Vertical* Temperature: 24 C
Limit: (RE)FCC Part 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(MID Channel)
Note:PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		16776.00	48.58	3.46	52.04	74.00	-21.96	peak			
2	*	16776.00	33.24	3.46	36.70	54.00	-17.30	AVG			

*:Maximum data x:Over limit !:over margin Operator: KK

File :TUV\Data :#144 *Page: 1*

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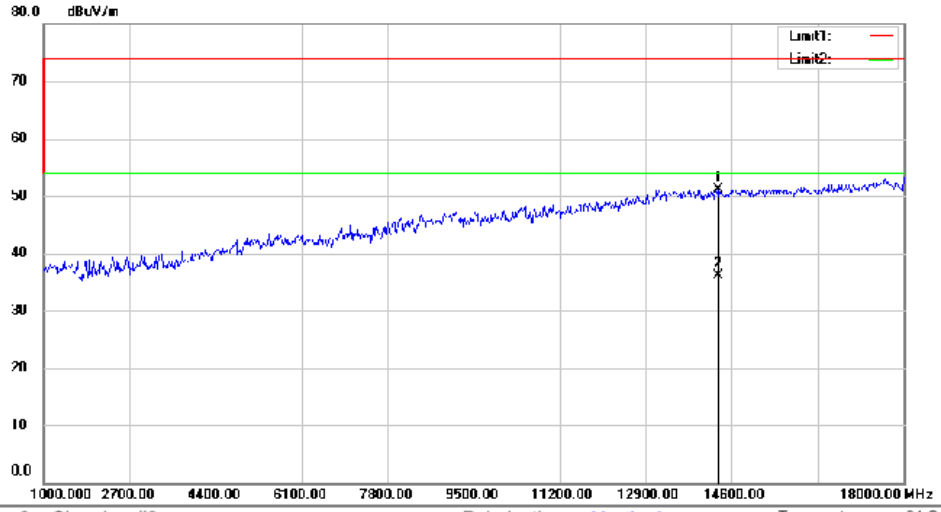
Radiated Emission Measurement

File :TUV Data :#145 Date: 2017/02/14



Site 3m Chamber #3 Polarization: *Vertical* Temperature: 24 C
Limit: (RE)FCC Part 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(HIGH Channel)
Note:PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		14328.00	47.78	3.40	51.18	74.00	-22.82	peak			
2	*	14328.00	32.80	3.40	36.20	54.00	-17.80	AVG			

*:Maximum data x:Over limit !:over margin Operator: KK

File :TUV\Data :#145 *Page: 1*

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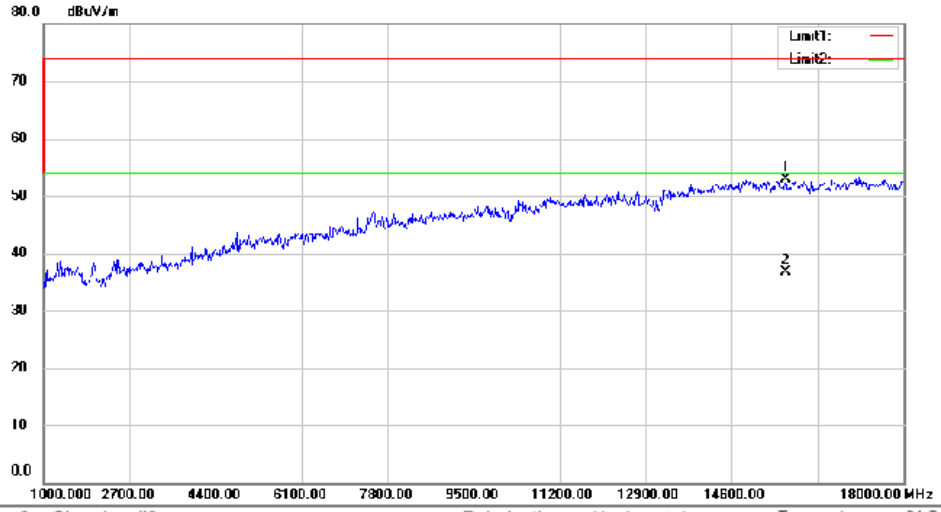
Radiated Emission Measurement

File :TUV Data :#146 Date: 2017/02/14



Site 3m Chamber #3 Polarization: ***Horizontal*** Temperature: 24 C
Limit: (RE)FCC Part 15 C Power: AC 120V/60Hz Humidity: 53 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX(HIGH Channel)
Note:PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		15671.00	53.06	-0.07	52.99	74.00	-21.01	peak			
2	*	15671.00	36.77	-0.07	36.70	54.00	-17.30	AVG			

*:Maximum data x:Over limit !:over margin Operator: KK

File :TUV\Data :#146 *Page: 1*

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

Low Channel

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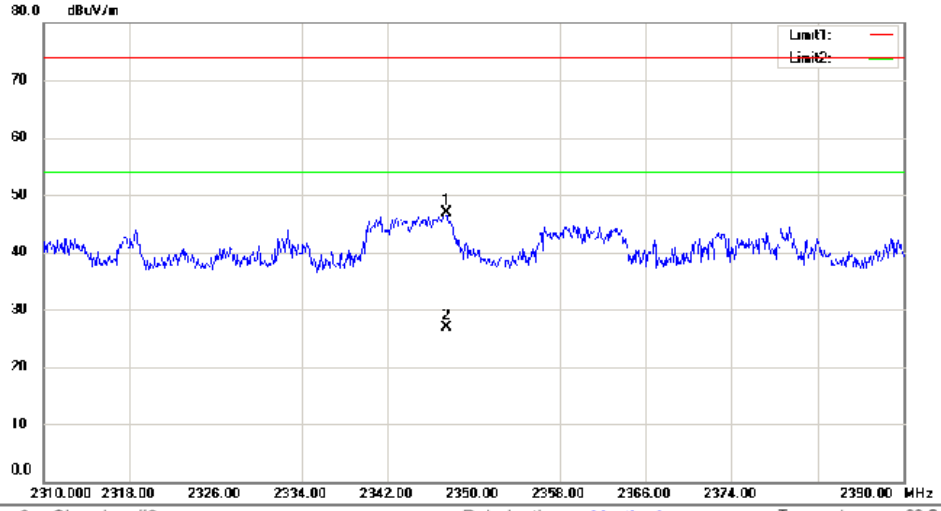
Radiated Emission Measurement

File :tuv Data :#160 Date: 2017-2-22



Site 3m Chamber #2
Limit: (RE)FCC PART 15 C
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX (LOW Channel)
Note: PU(Tenpao Adapter)

Polarization: *Vertical*
Power: AC 120V/60Hz

Temperature: 22 C
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2347.520	59.20	-12.30	46.90	74.00	-27.10	peak			
2		2347.520	39.16	-12.30	26.86	54.00	-27.14	AVG			

*:Maximum data x:Over limit !:over margin

Operator: CSL

File :tuv\Data :#160 *Page: 1*

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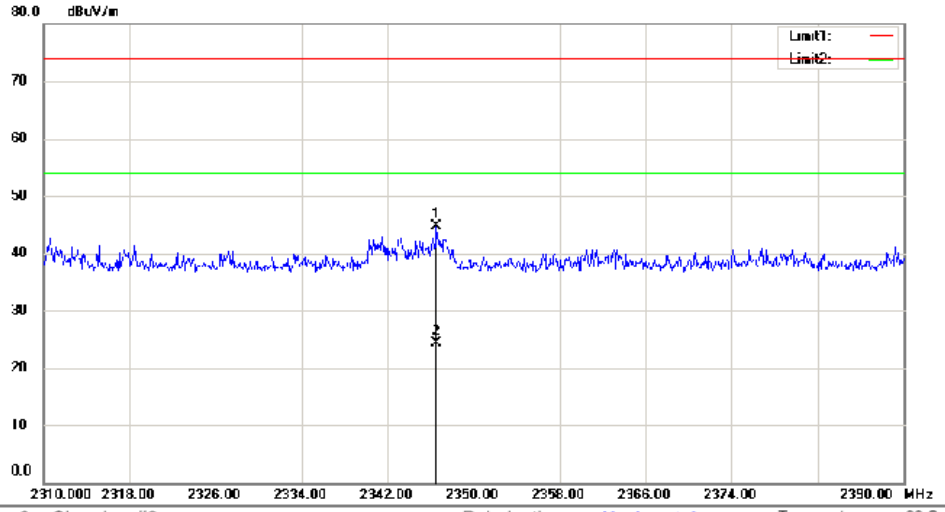
Radiated Emission Measurement

File :tuv Data :#161 Date: 2017-2-22



Site 3m Chamber #2 Polarization: ***Horizontal*** Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX (LOW Channel)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2346.560	57.02	-12.31	44.71	74.00	-29.29	peak			
2		2346.560	36.67	-12.31	24.36	54.00	-29.64	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :tuv\Data :#161 *Page: 1*

High Channel

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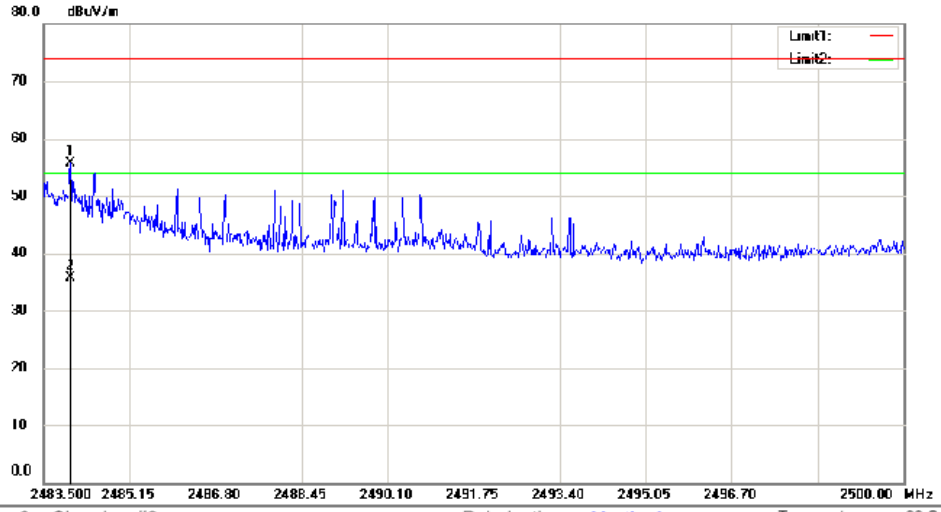
Radiated Emission Measurement

File :tuv Data :#162 Date: 2017-2-22



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX (HIGH Channel)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2484.012	67.33	-11.56	55.77	74.00	-18.23	peak			
2		2484.012	47.28	-11.56	35.72	54.00	-18.28	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :tuv\Data :#162 *Page: 1*

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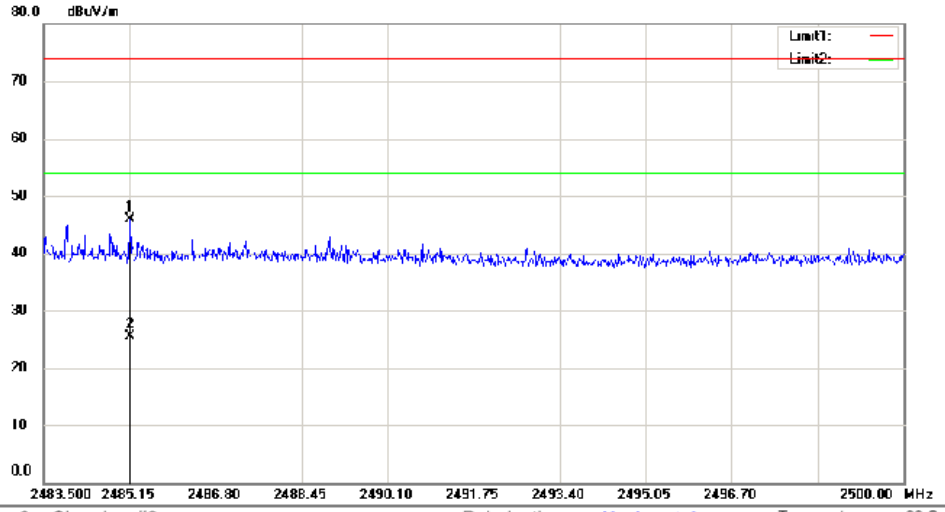
Radiated Emission Measurement

File :tuv Data :#163 Date: 2017-2-22



Site 3m Chamber #2 Polarization: ***Horizontal*** Temperature: 22 C
Limit: (RE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode:TX (HIGH Channel)
Note: PU(Tenpao Adapter)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2485.166	57.54	-11.56	45.98	74.00	-28.02	peak			
2		2485.166	36.99	-11.56	25.43	54.00	-28.57	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :tuv\Data :#163 *Page: 1*

Appendix C.3: Test Results of Conducted Emission on AC Mains

C mode with adapter + battery #1

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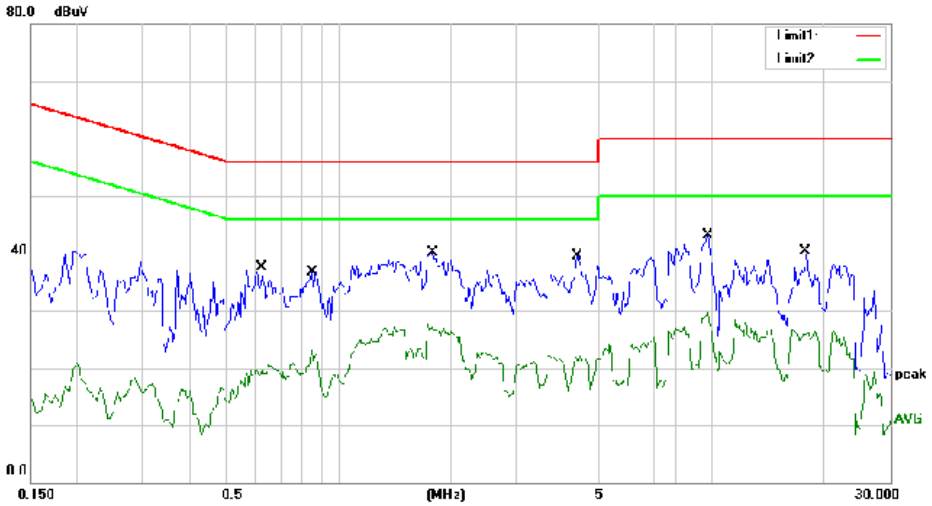
File :TUV-RH Data :#332 Date: 17/02/11/



Site Conduction #1 Phase: N Temperature: 22 C
Limit: (CE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging + 2.4G Wireless connecting
Note: PU(TenPao Adapter+GP)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.6250	37.57	0.00	37.57	56.00	-18.43	QP	
2		0.6250	20.55	0.00	20.55	46.00	-25.45	AVG	
3		0.8500	36.78	0.00	36.78	56.00	-19.22	QP	
4		0.8500	23.04	0.00	23.04	46.00	-22.96	AVG	
5	*	1.7850	40.18	0.00	40.18	56.00	-15.82	QP	
6		1.7850	28.03	0.00	28.03	46.00	-17.97	AVG	
7		4.3600	39.55	0.00	39.55	56.00	-16.45	QP	
8		4.3600	24.14	0.00	24.14	46.00	-21.86	AVG	
9		9.7200	43.11	0.00	43.11	60.00	-16.89	QP	
10		9.7200	29.77	0.00	29.77	50.00	-20.23	AVG	
11		17.8250	40.26	0.00	40.26	60.00	-19.74	QP	
12		17.8250	26.72	0.00	26.72	50.00	-23.28	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File :TUV-RH\Data :#332 *Page: 1*

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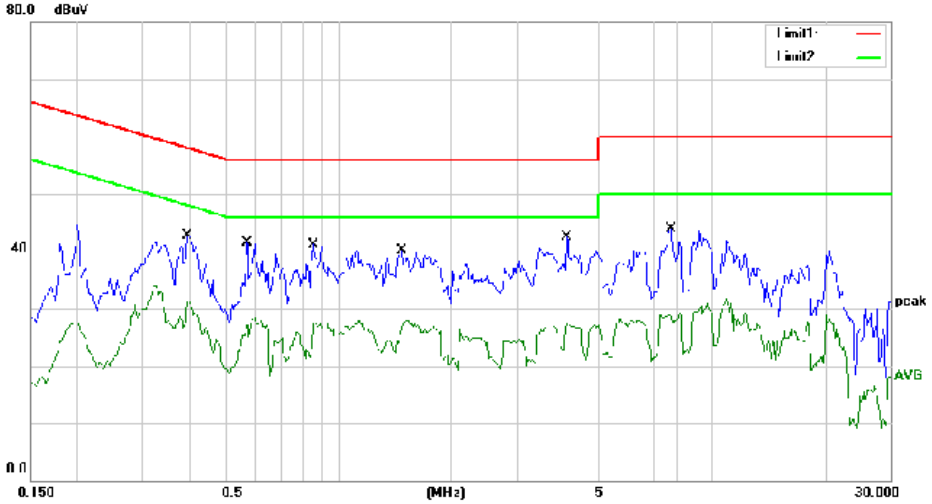
File :TUV-RH Data :#333 Date: 17/02/11/



Site Conduction #1 Phase: *L1* Temperature: 22 C
Limit: (CE)FCC PART 15 C Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging + 2.4G Wireless connecting
Note: PU(TenPao Adapter+GP)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3950	42.71	0.00	42.71	57.96	-15.25	QP	
2		0.3950	31.32	0.00	31.32	47.96	-16.64	AVG	
3		0.5700	41.43	0.00	41.43	56.00	-14.57	QP	
4		0.5700	28.51	0.00	28.51	46.00	-17.49	AVG	
5		0.8550	41.20	0.00	41.20	56.00	-14.80	QP	
6		0.8550	27.44	0.00	27.44	46.00	-18.56	AVG	
7		1.4750	40.13	0.00	40.13	56.00	-15.87	QP	
8		1.4750	27.96	0.00	27.96	46.00	-18.04	AVG	
9	*	4.0850	42.43	0.00	42.43	56.00	-13.57	QP	
10		4.0850	27.53	0.00	27.53	46.00	-18.47	AVG	
11		7.7600	43.90	0.00	43.90	60.00	-16.10	QP	
12		7.7600	29.49	0.00	29.49	50.00	-20.51	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File :TUV-RH\Data :#333 *Page: 1*

D mode with adapter + battery #1

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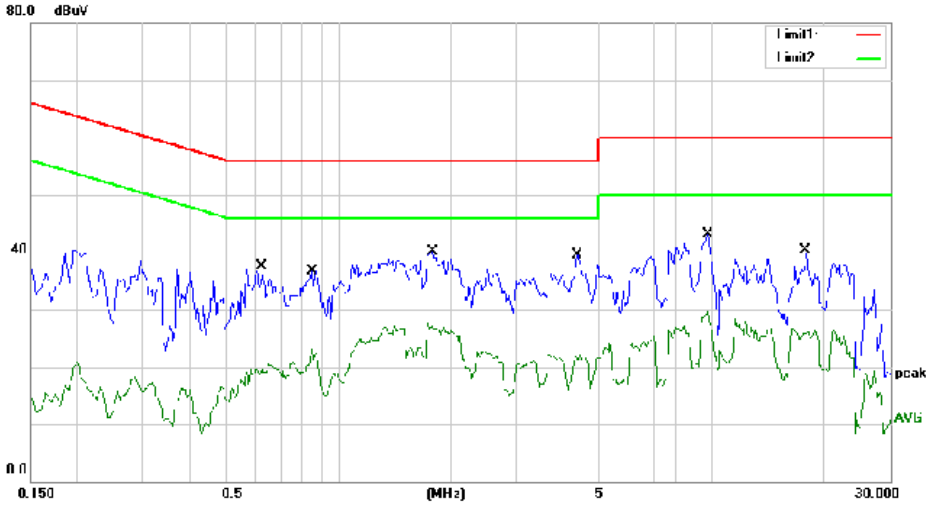
Conducted Emission Measurement

File :TUV-RH Data :#332 Date: 17/02/11/



Site Conduction #1 Phase: N Temperature: 22 C
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging + 2.4G Wireless connecting
Note: PU(TenPao Adapter+GP)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.6250	37.57	0.00	37.57	56.00	-18.43	QP	
2		0.6250	20.55	0.00	20.55	46.00	-25.45	AVG	
3		0.8500	36.78	0.00	36.78	56.00	-19.22	QP	
4		0.8500	23.04	0.00	23.04	46.00	-22.96	AVG	
5	*	1.7850	40.18	0.00	40.18	56.00	-15.82	QP	
6		1.7850	28.03	0.00	28.03	46.00	-17.97	AVG	
7		4.3600	39.55	0.00	39.55	56.00	-16.45	QP	
8		4.3600	24.14	0.00	24.14	46.00	-21.86	AVG	
9		9.7200	43.11	0.00	43.11	60.00	-16.89	QP	
10		9.7200	29.77	0.00	29.77	50.00	-20.23	AVG	
11		17.8250	40.26	0.00	40.26	60.00	-19.74	QP	
12		17.8250	26.72	0.00	26.72	50.00	-23.28	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File :TUV-RH\Data :#332 *Page: 1*

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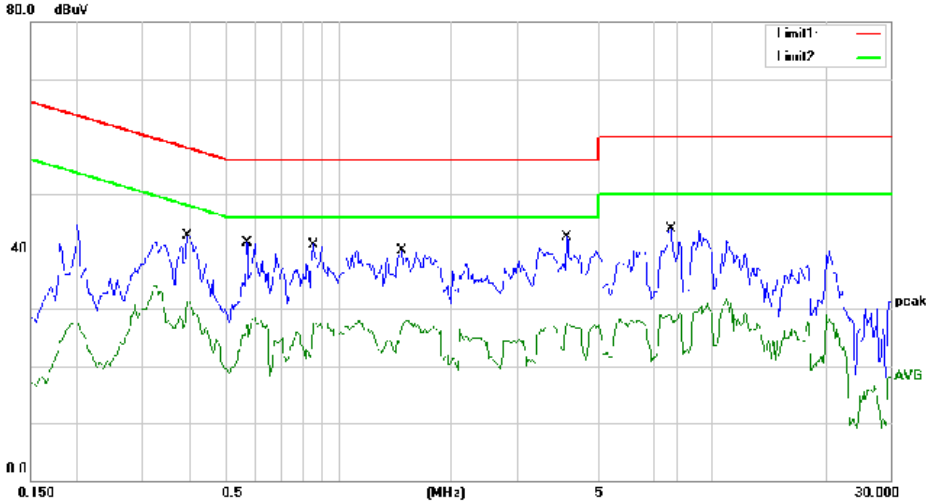
File :TUV-RH Data :#333 Date: 17/02/11/



Site Conduction #1 Phase: *L1* Temperature: 22 C
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging + 2.4G Wireless connecting
Note: PU(TenPao Adapter+GP)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3950	42.71	0.00	42.71	57.96	-15.25	QP	
2		0.3950	31.32	0.00	31.32	47.96	-16.64	AVG	
3		0.5700	41.43	0.00	41.43	56.00	-14.57	QP	
4		0.5700	28.51	0.00	28.51	46.00	-17.49	AVG	
5		0.8550	41.20	0.00	41.20	56.00	-14.80	QP	
6		0.8550	27.44	0.00	27.44	46.00	-18.56	AVG	
7		1.4750	40.13	0.00	40.13	56.00	-15.87	QP	
8		1.4750	27.96	0.00	27.96	46.00	-18.04	AVG	
9	*	4.0850	42.43	0.00	42.43	56.00	-13.57	QP	
10		4.0850	27.53	0.00	27.53	46.00	-18.47	AVG	
11		7.7600	43.90	0.00	43.90	60.00	-16.10	QP	
12		7.7600	29.49	0.00	29.49	50.00	-20.51	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File :TUV-RH\Data :#333 *Page: 1*

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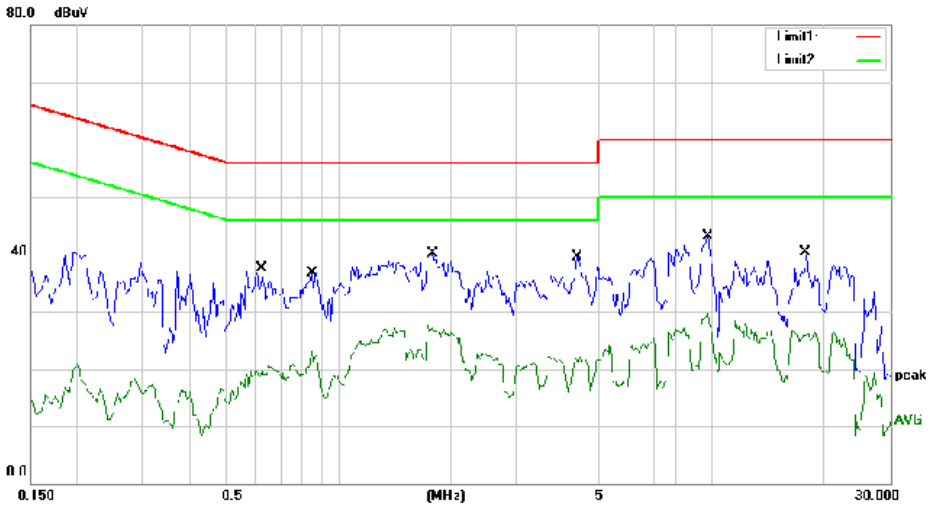
File :TUV-RH Data :#332 Date: 17/02/11/



Site Conduction #1 Phase: N Temperature: 22 C
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging + 2.4G Wireless connecting
Note: PU(TenPao Adapter+GP)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.6250	37.57	0.00	37.57	56.00	-18.43	QP	
2		0.6250	20.55	0.00	20.55	46.00	-25.45	AVG	
3		0.8500	36.78	0.00	36.78	56.00	-19.22	QP	
4		0.8500	23.04	0.00	23.04	46.00	-22.96	AVG	
5	*	1.7850	40.18	0.00	40.18	56.00	-15.82	QP	
6		1.7850	28.03	0.00	28.03	46.00	-17.97	AVG	
7		4.3600	39.55	0.00	39.55	56.00	-16.45	QP	
8		4.3600	24.14	0.00	24.14	46.00	-21.86	AVG	
9		9.7200	43.11	0.00	43.11	60.00	-16.89	QP	
10		9.7200	29.77	0.00	29.77	50.00	-20.23	AVG	
11		17.8250	40.26	0.00	40.26	60.00	-19.74	QP	
12		17.8250	26.72	0.00	26.72	50.00	-23.28	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File :TUV-RH\Data :#332 *Page: 1*

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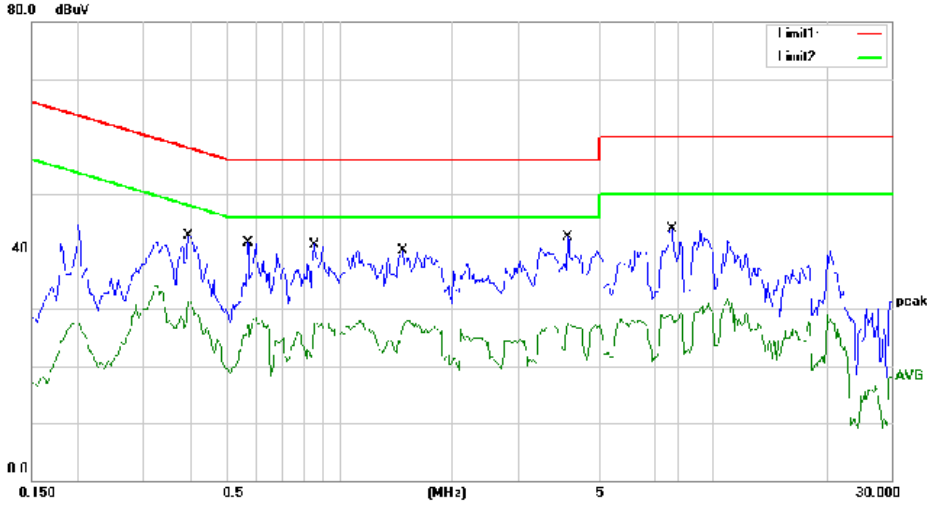
File :TUV-RH Data :#333 Date: 17/02/11/



Site Conduction #1 Phase: *L1* Temperature: 22 C
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging + 2.4G Wireless connecting
Note: PU(TenPao Adapter+GP)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3950	42.71	0.00	42.71	57.96	-15.25	QP	
2		0.3950	31.32	0.00	31.32	47.96	-16.64	AVG	
3		0.5700	41.43	0.00	41.43	56.00	-14.57	QP	
4		0.5700	28.51	0.00	28.51	46.00	-17.49	AVG	
5		0.8550	41.20	0.00	41.20	56.00	-14.80	QP	
6		0.8550	27.44	0.00	27.44	46.00	-18.56	AVG	
7		1.4750	40.13	0.00	40.13	56.00	-15.87	QP	
8		1.4750	27.96	0.00	27.96	46.00	-18.04	AVG	
9	*	4.0850	42.43	0.00	42.43	56.00	-13.57	QP	
10		4.0850	27.53	0.00	27.53	46.00	-18.47	AVG	
11		7.7600	43.90	0.00	43.90	60.00	-16.10	QP	
12		7.7600	29.49	0.00	29.49	50.00	-20.51	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File :TUV-RH\Data :#333 *Page: 1*

D mode with adapter + battery #2

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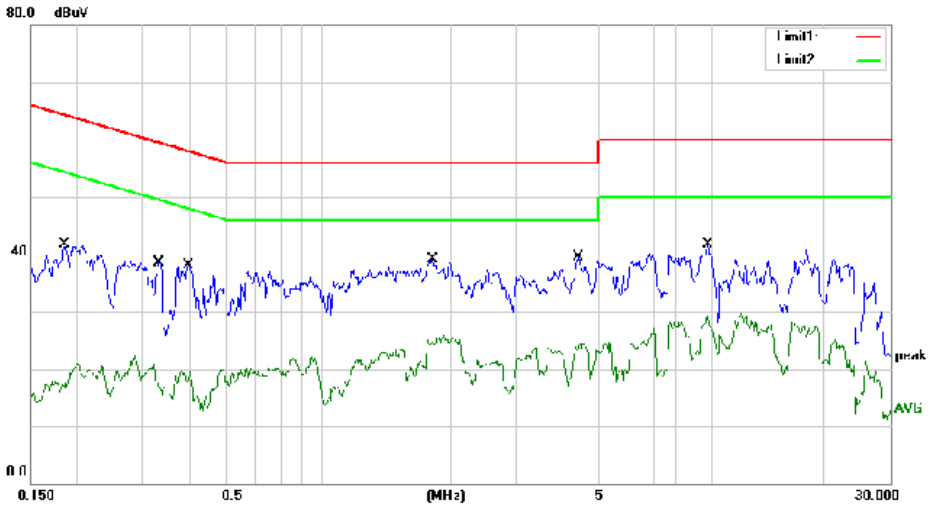
File :TUV-RH Data :#373 Date: 17/02/11/



Site Conduction #1 Phase: N Temperature: 22
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging mode
Note: PU(TenPao Adapter+JUST Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1850	41.80	0.00	41.80	64.26	-22.46	QP	
2		0.1850	17.12	0.00	17.12	54.26	-37.14	AVG	
3		0.3300	38.56	0.00	38.56	59.45	-20.89	QP	
4		0.3300	17.31	0.00	17.31	49.45	-32.14	AVG	
5		0.3955	38.03	0.00	38.03	57.95	-19.92	QP	
6		0.3955	19.60	0.00	19.60	47.95	-28.35	AVG	
7		1.7850	39.18	0.00	39.18	56.00	-16.82	QP	
8		1.7850	24.53	0.00	24.53	46.00	-21.47	AVG	
9	*	4.3837	39.42	0.00	39.42	56.00	-16.58	QP	
10		4.3837	24.09	0.00	24.09	46.00	-21.91	AVG	
11		9.7200	41.61	0.00	41.61	60.00	-18.39	QP	
12		9.7200	27.69	0.00	27.69	50.00	-22.31	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File :TUV-RH\Data :#373 *Page: 1*

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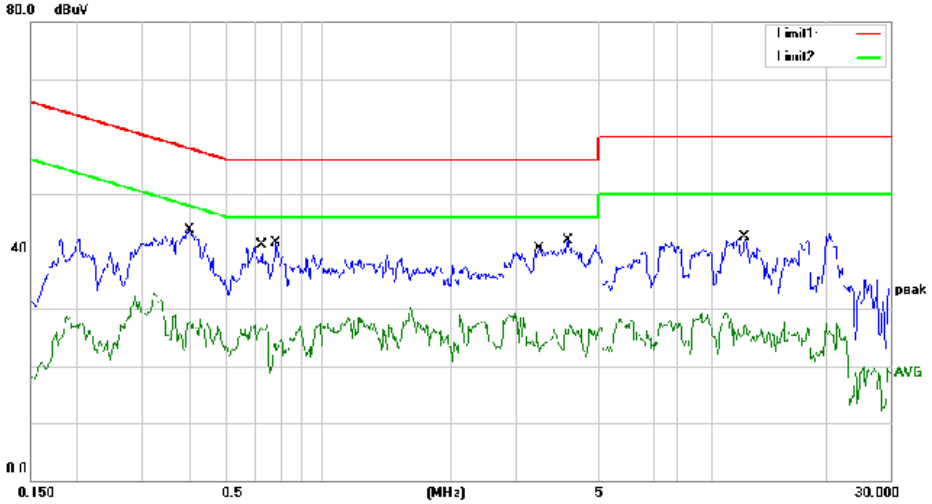
File :TUV-RH Data :#374 Date: 17/02/11/



Site Conduction #1 Phase: *L1* Temperature: 22
Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging mode
Note: PU(TenPao Adapter+JUST Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3976	43.68	0.00	43.68	57.90	-14.22	QP	
2		0.3976	27.65	0.00	27.65	47.90	-20.25	AVG	
3		0.6250	41.02	0.00	41.02	56.00	-14.98	QP	
4		0.6250	27.46	0.00	27.46	46.00	-18.54	AVG	
5		0.6800	41.47	0.00	41.47	56.00	-14.53	QP	
6		0.6800	24.60	0.00	24.60	46.00	-21.40	AVG	
7		3.4450	40.43	0.00	40.43	56.00	-15.57	QP	
8		3.4450	25.88	0.00	25.88	46.00	-20.12	AVG	
9	*	4.0920	41.85	0.00	41.85	56.00	-14.15	QP	
10		4.0920	27.14	0.00	27.14	46.00	-18.86	AVG	
11		12.2250	42.41	0.00	42.41	60.00	-17.59	QP	
12		12.2250	27.61	0.00	27.61	50.00	-22.39	AVG	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Jason

File :TUV-RH\Data :#374 *Page: 1*

Appendix C.4: Test Results of Radiated Emission

Below 1GHz, D mode with adapter + battery #1

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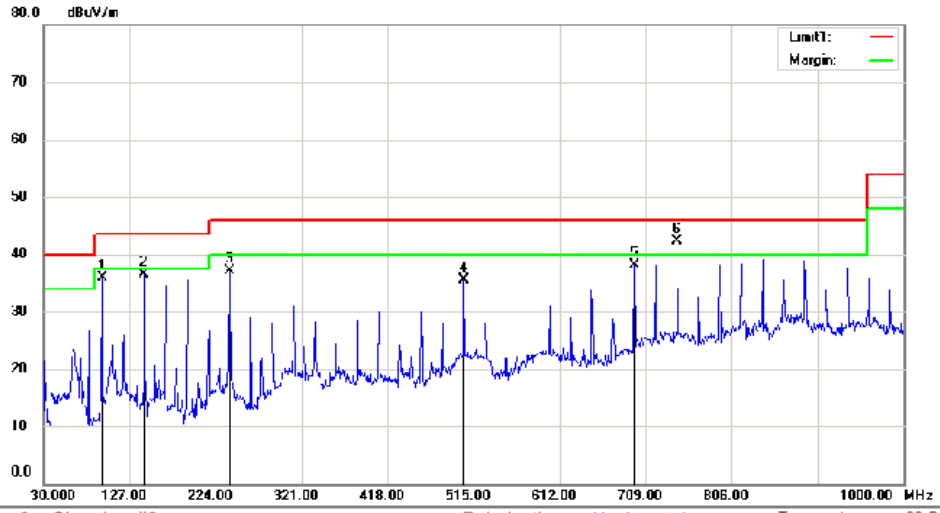
File :TUV Data :#1741 Date: 17/03/08/



Site 3m Chamber #2 Polarization: *Horizontal* Temperature: 22 C
Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging+2.4G wireless connecting
Note: PU(Tenpao Adapter+GP Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		95.9600	51.28	-15.45	35.83	43.50	-7.67	QP			
2		143.4900	54.72	-18.24	36.48	43.50	-7.02	QP			
3		239.5200	50.37	-13.32	37.05	46.00	-8.95	QP			
4		504.3300	42.06	-6.64	35.42	46.00	-10.58	QP			
5		696.3900	41.08	-2.97	38.11	46.00	-7.89	QP			
6	*	744.8900	44.40	-2.09	42.31	46.00	-3.69	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1741 *Page: 1*

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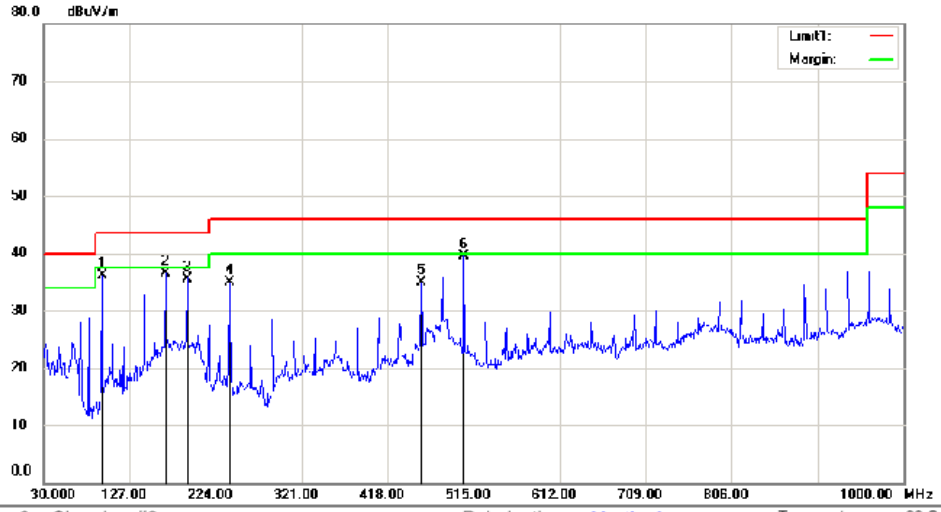
Radiated Emission Measurement

File :TUV Data :#1742 Date: 17/03/08/



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging+2.4G wireless connecting
Note: PU(Tenpao Adapter+GP Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		95.9600	51.48	-15.45	36.03	43.50	-7.47	QP			
2		167.7400	53.16	-16.75	36.41	43.50	-7.09	QP			
3		191.9900	51.39	-15.79	35.60	43.50	-7.90	QP			
4		239.5200	48.22	-13.32	34.90	46.00	-11.10	QP			
5		455.8300	42.73	-7.81	34.92	46.00	-11.08	QP			
6	*	504.3300	46.09	-6.64	39.45	46.00	-6.55	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1742 *Page: 1*

Below 1GHz, D mode with adapter + battery #2

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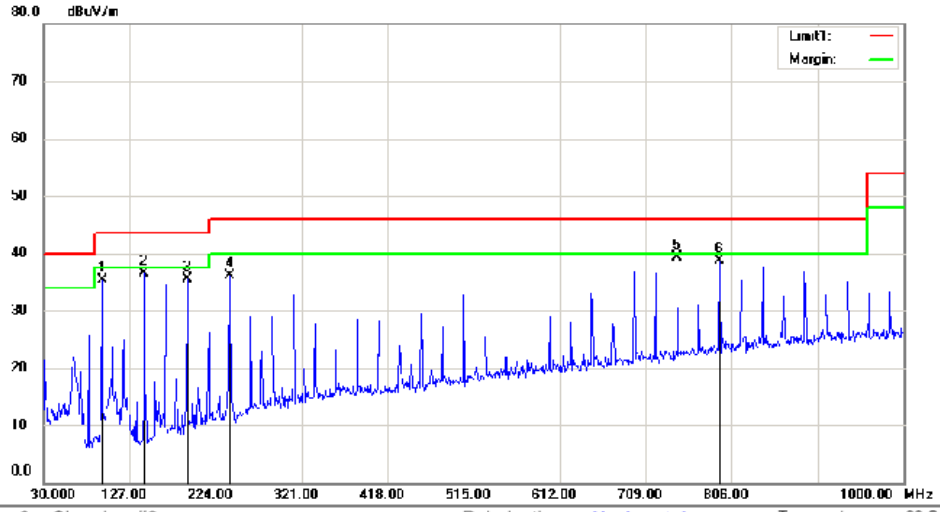
Radiated Emission Measurement

File :TUV Data :#1743 Date: 17/03/08/



Site 3m Chamber #2 Polarization: *Horizontal* Temperature: 22 C
Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging mdoe
Note: PU(Tenpao Adapter+JUST Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		95.9600	50.78	-15.45	35.33	43.50	-8.17	QP			
2		143.4900	54.72	-18.24	36.48	43.50	-7.02	QP			
3		191.9900	51.36	-15.79	35.57	43.50	-7.93	QP			
4		239.5200	49.37	-13.32	36.05	46.00	-9.95	QP			
5	*	744.8900	41.40	-2.09	39.31	46.00	-6.69	QP			
6		792.4200	39.87	-1.23	38.64	46.00	-7.36	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1743 *Page: 1*

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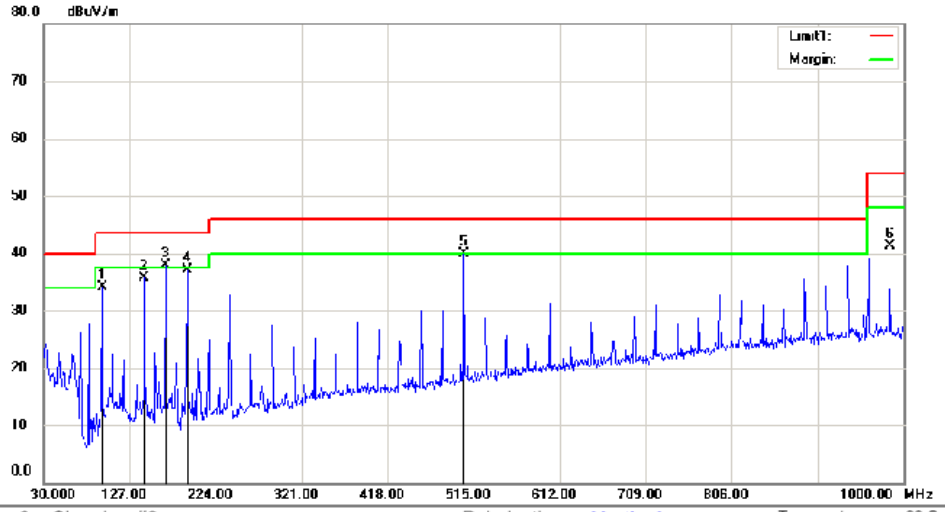
Radiated Emission Measurement

File :TUV Data :#1744 Date: 17/03/08/



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging mode
Note: PU(Tenpao Adapter+JUST Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		95.9600	49.48	-15.45	34.03	43.50	-9.47	QP			
2		143.4900	53.96	-18.24	35.72	43.50	-7.78	QP			
3	*	167.7400	54.66	-16.75	37.91	43.50	-5.59	QP			
4		191.9900	52.89	-15.79	37.10	43.50	-6.40	QP			
5		504.3300	46.59	-6.64	39.95	46.00	-6.05	QP			
6		984.4800	40.18	1.08	41.26	54.00	-12.74	QP			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1744 *Page: 1*

Above 1GHz, D mode with adapter + battery #1

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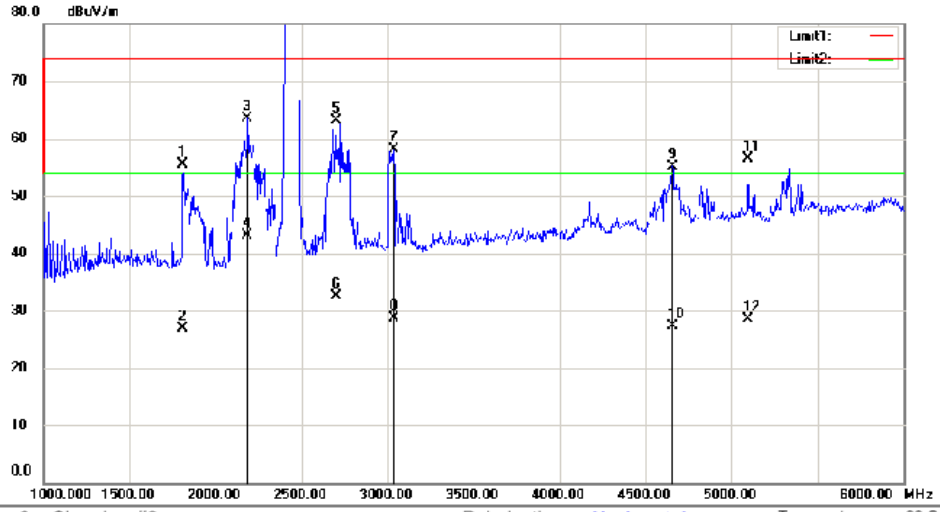
Radiated Emission Measurement

File :TUV Data :#1339 Date: 2017-2-13



Site 3m Chamber #2 Polarization: *Horizontal* Temperature: 22 C
Limit: (RE)FCC PART 15 CLASS B Power: AC 230V/50Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging + 2.4G Wireless connecting
Note: PU(Tenpao Adapter+GP Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1810.000	69.80	-14.25	55.55	74.00	-18.45	peak			
2		1810.000	41.11	-14.25	26.86	54.00	-27.14	AVG			
3	*	2185.000	76.79	-13.19	63.60	74.00	-10.40	peak			
4		2185.000	56.33	-13.19	43.14	54.00	-10.86	AVG			
5		2700.000	73.50	-10.41	63.09	74.00	-10.91	peak			
6		2700.000	42.88	-10.41	32.47	54.00	-21.53	AVG			
7		3035.000	66.85	-8.71	58.14	74.00	-15.86	peak			
8		3035.000	37.39	-8.71	28.68	54.00	-25.32	AVG			
9		4655.000	60.08	-4.88	55.20	74.00	-18.80	peak			
10		4655.000	32.23	-4.88	27.35	54.00	-26.65	AVG			
11		5095.000	60.02	-3.59	56.43	74.00	-17.57	peak			
12		5095.000	32.11	-3.59	28.52	54.00	-25.48	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1339 *Page: 1*

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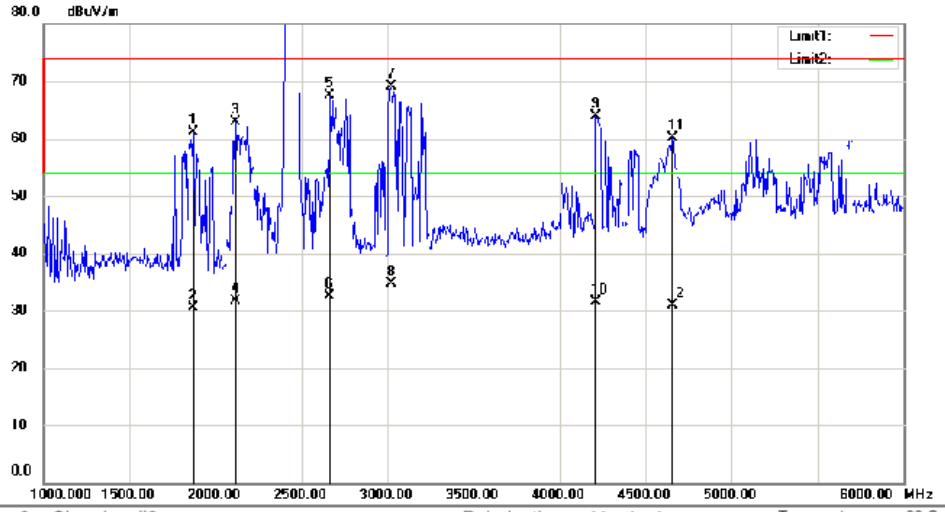
Radiated Emission Measurement

File :TUV Data :#1340 Date: 2017-2-13



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 CLASS B Power: AC 230V/50Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging + 2.4G Wireless connecting
Note: PU(Tenpao Adapter+GP Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1870.000	75.31	-14.23	61.08	74.00	-12.92	peak			
2		1870.000	44.70	-14.23	30.47	54.00	-23.53	AVG			
3		2115.000	76.37	-13.56	62.81	74.00	-11.19	peak			
4		2115.000	45.25	-13.56	31.69	54.00	-22.31	AVG			
5		2665.000	78.18	-10.60	67.58	74.00	-6.42	peak			
6		2665.000	43.17	-10.60	32.57	54.00	-21.43	AVG			
7	*	3020.000	77.84	-8.75	69.09	74.00	-4.91	peak			
8		3020.000	43.43	-8.75	34.68	54.00	-19.32	AVG			
9		4210.000	69.95	-6.08	63.87	74.00	-10.13	peak			
10		4210.000	37.68	-6.08	31.60	54.00	-22.40	AVG			
11		4655.000	64.90	-4.88	60.02	74.00	-13.98	peak			
12		4655.000	35.73	-4.88	30.85	54.00	-23.15	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1340 *Page: 1*

Above 1GHz, D mode with adapter + battery #2

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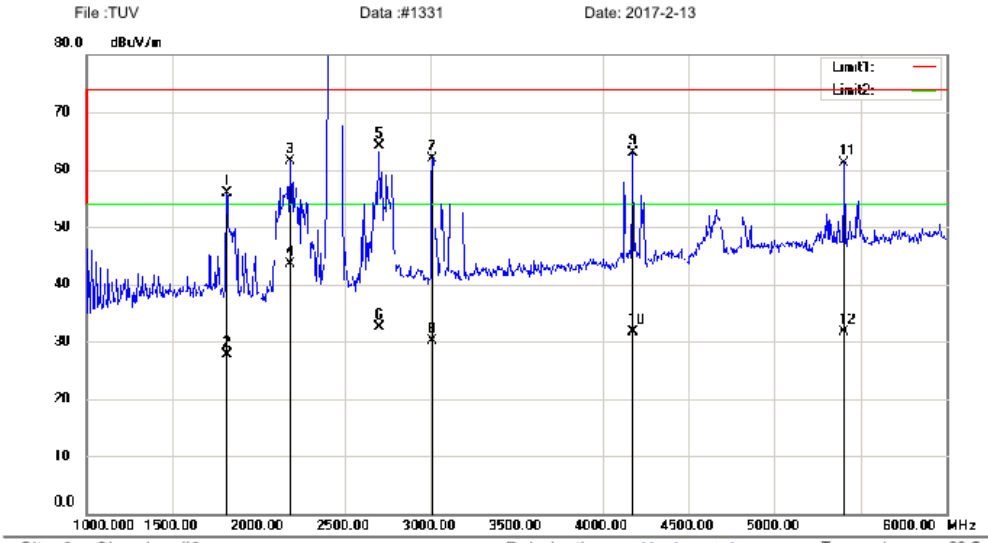
Radiated Emission Measurement



Site 3m Chamber #2 Polarization: *Horizontal* Temperature: 22 C
Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging mode
Note: PU(Tenpao Adapter+Justin Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1815.000	70.20	-14.24	55.96	74.00	-18.04	peak			
2		1815.000	41.92	-14.24	27.68	54.00	-26.32	AVG			
3		2180.000	74.62	-13.20	61.42	74.00	-12.58	peak			
4		2180.000	56.78	-13.20	43.58	54.00	-10.42	AVG			
5	*	2700.000	74.50	-10.41	64.09	74.00	-9.91	peak			
6		2700.000	42.99	-10.41	32.58	54.00	-21.42	AVG			
7		3010.000	70.73	-8.77	61.96	74.00	-12.04	peak			
8		3010.000	38.91	-8.77	30.14	54.00	-23.86	AVG			
9		4175.000	69.07	-6.19	62.88	74.00	-11.12	peak			
10		4175.000	37.88	-6.19	31.69	54.00	-22.31	AVG			
11		5405.000	63.63	-2.43	61.20	74.00	-12.80	peak			
12		5405.000	34.19	-2.43	31.76	54.00	-22.24	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1331 *Page: 1*

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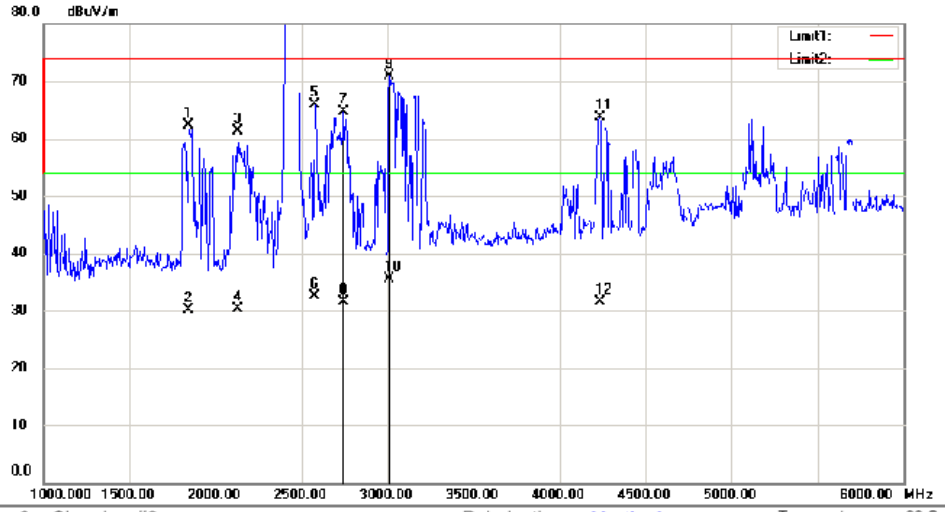
Radiated Emission Measurement

File :TUV Data :#1332 Date: 2017-2-13



Site 3m Chamber #2 Polarization: *Vertical* Temperature: 22 C
Limit: (RE)FCC PART 15 CLASS B Power: AC 120V/60Hz Humidity: 55 %
EUT: Digital Video Baby Monitor
M/N: MBP33SC
Mode: Charging mode
Note: PU(Tenpao Adapter+Justin Battery)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1845.000	76.59	-14.24	62.35	74.00	-11.65	peak			
2		1845.000	44.38	-14.24	30.14	54.00	-23.86	AVG			
3		2130.000	74.71	-13.48	61.23	74.00	-12.77	peak			
4		2130.000	43.70	-13.48	30.22	54.00	-23.78	AVG			
5		2575.000	77.03	-11.08	65.95	74.00	-8.05	peak			
6		2575.000	43.62	-11.08	32.54	54.00	-21.46	AVG			
7		2745.000	74.86	-10.16	64.70	74.00	-9.30	peak			
8		2745.000	41.72	-10.16	31.56	54.00	-22.44	AVG			
9	*	3010.000	79.60	-8.77	70.83	74.00	-3.17	peak			
10		3010.000	44.24	-8.77	35.47	54.00	-18.53	AVG			
11		4235.000	69.71	-6.02	63.69	74.00	-10.31	peak			
12		4235.000	37.58	-6.02	31.56	54.00	-22.44	AVG			

*:Maximum data x:Over limit !:over margin Operator: CSL

File :TUV\Data :#1332 *Page: 1*