TEST REPORT

Report Number: HK11010739-1

Application
for
Original Grant of 47 CFR Part 15 Certification
Single New of RSS-210 Issue 8 Equipment Certification

2.4GHz Frequency Hopping Spread Spectrum
Baby Monitor-Baby Unit

FCC ID: BMWTFY7294C

IC: 6195A-TFY7294C

Prepared and Checked by:	Approved by:
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February 16, 2011	February 16, 2011

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GENERAL INFORMATION

Applicant Name:	Learning Curve Brands, Inc.
Applicant Address:	1111 W. 22nd Street, Suite 320 Oak Brook, Illinois 60523 United States
FCC Specification Standard:	FCC Part 15, October 1, 2009 Edition
FCC ID:	BMWTFY7294C
FCC Model(s):	Y7294C, Y7400C
IC Specification Standard:	RSS-210 Issue 8, December 2010 RSS-Gen Issue 3, December 2010 RSS-102 Issue 4, March 2010 RSS-310 Issue 3, December 2010
IC:	6195A-TFY7294C
IC Model(s):	Y7294C
Type of EUT:	Transceiver
Description of EUT:	2.4GHz Frequency Hopping Spread Spectrum Baby Monitor-Baby Unit
Serial Number:	N/A
Sample Receipt Date:	December 13, 2010
Date of Test:	December 13-20, 2010
Report Date:	February 16, 2011
Environmental Conditions:	Temperature: +10 to 40°C Humidity: 10 to 90%

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EXHIBIT 1
TEST RESULTS SUMMARY & STATEMENT OF COMPLIANCE

1.0 Test Results Summary & Statement of Compliance

1.1 Summary of Test Results

Test Items	FCC Part 15 Section	RSS-210/ RSS-Gen# / RSS-310^ Section	Results	Details see section
Antenna Requirement	15.203	7.1.2#	Pass	2.1
Radiated Emission Radiated Emission on the Bandedge	15.249(a), 209, & 109 15.249(d)	A2.9(a) A2.9(b)	Pass Pass	4.2 4.4
Radiated Emission in Restricted Bands	15.205	2.2	Pass	4.2
Radiated Emission from Receiver	N/A	3.1^	Pass	4.3
AC Power Line Conducted Emission	15.207 & 15.107	7.2.4#	Pass	4.5
Radio Frequency Exposure Compliance	N/A	RSS-102	Pass	4.6

Note: Pursuant to FCC Part 15 Section 15.215(c), the 20dB bandwidth of the emission was contained within the frequency band designated (mentioned as above) which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over expected variations in temperature and supply voltage were considered.

1.2 Statement of Compliance

The equipment under test is found to be complying with the following standards:

FCC Part 15, October 1, 2009 Edition
RSS-210 Issue 8, December 2010
RSS-Gen Issue 3, December 2010
RSS-102 Issue 4, March 2010
RSS-310 Issue 3, December 2010

EXHIBIT 2
GENERAL DESCRIPTION

2.0 **General Description**

2.1 Product Description

The Equipment Under Test (EUT) is a 2.4GHz Frequency Hopping Spread Spectrum Baby Monitor-Baby Unit. It operates at frequency range of 2407.500 MHz to 2475.000MHz, and there are total 21 channels, and 21 channels are used for the communication environment. The EUT is powered by a 100-240VAC to 6VDC 500mA switching AC adaptor and/or a 3 x 1.5V “AA” size battery.

The antenna used in baby unit is integral, and the test sample is a prototype.

The circuit description is attached in the Appendix and saved with filename: descri.pdf.

2.2 Test Methodology

Both AC power line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.4 (2003). Preliminary radiated scans and all radiated measurements were performed in Open Area Test Sites. All Radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the "**Justification Section**" of this Application.

2.3 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data and conducted data are at Roof Top and 2nd Floor respectively of Intertek Testing Services Hong Kong Ltd., which is located at Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong. This test facility and site measurement data have been fully placed on file with the FCC and the Industry Canada.

EXHIBIT 3
SYSTEM TEST CONFIGURATION

3.0 **System Test Configuration**

3.1 Justification

For radiated emissions testing, the equipment under test (EUT) was setup to transmit / receive continuously to simplify the measurement methodology. Care was taken to ensure proper power supply voltages during testing. During testing, all cables (if any) were manipulated to produce worst case emissions.

The EUT was powered by a 100-240VAC to 6VDC 500mA switching AC adaptor and/or a 3 x 1.5V “AA” Size battery.

For the measurements, the EUT was attached to a plastic stand if necessary and placed on the wooden turntable. If the EUT attached to peripherals, they were connected and operational to simulate typical use.

The signal was maximized through rotation and placement in the three orthogonal axes. The antenna height and polarization were varied during the search for maximum signal level. The antenna height was varied from 1 to 4 meters. Radiated emissions were taken at three meters unless the signal level was too low for measurement at that distance. If necessary, a pre-amplifier was used and/or the test was conducted at a closer distance.

For any intentional radiator powered by AC power line, measurements of the radiated signal level of the fundamental frequency component of the emission was performed with the supply voltage varied between 85% and 115% of the nominal rated supply voltage.

For transmitter radiated measurement, the spectrum analyzer resolution bandwidth was 100 kHz for frequencies below 1000 MHz. The resolution bandwidth was 1 MHz for frequencies above 1000 MHz.

For receiver radiated measurement, the spectrum analyzer resolution bandwidth was 1MHz for measurement above 1GHz while 100kHz for measurement from 30MHz to 1GHz.

Radiated emission measurement for transmitter was performed from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower. Receiver was performed from 30MHz to the fifth harmonic of the highest frequency or 40GHz, whichever is lower.

Emission that are directly caused by digital circuits in the transmit path and transmitter portion were measured, and the limit are according to FCC Part 15 Section 15.109.

3.1 Justification - Cont'd

Detector function for radiated emissions is in peak mode. Average readings, when required, are taken by measuring the duty cycle of the equipment under test and subtracting the corresponding amount in dB from the measured peak readings. A detailed description for the calculation of the average factor can be found in Exhibit 4.2.3.

Determination of pulse desensitization was made according to *Hewlett Packard Application Note 150-2, Spectrum Analysis... Pulsed RF.* The effective period (Teff) was referred to Exhibit 4.2.3. With the resolution bandwidth 1MHz and spectrum analyzer IF bandwidth 3dB, the pulse desensitization factor was 0dB.

For AC line conducted emission test, the EUT along with its peripherals were placed on a 1.0m(W)x1.5m(L) and 0.8m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane. The EUT was connected to power mains through a line impedance stabilization network (LISN), which provided 50ohm coupling impedance for measuring instrument. The LISN housing, measuring instrument case, reference ground plane, and vertical ground plane were bounded together. The excess power cable between the EUT and the LISN was bundled.

All connecting cables of EUT and peripherals were manipulated to find the maximum emission.

All relevant operation modes have been tested, and the worst case data is included in this report.

3.2 EUT Exercising Software

The EUT exercise program used during radiated and conducted testing was designed to exercise the various system components in a manner similar to a typical use.

3.3 Details of EUT and Description of Accessories

Details of EUT:

An AC adaptor and/or a battery (provided with the unit) were used to power the device. Their description are listed below.

(1) An AC adaptor (100-240VAC to 6VDC 500mA, Model: S004LU0600050) (Supplied by Client)
(2) Backup battery (3 x "AA" size 1.5VDC battery) (Supplied by Client)

Description of Accessories:

There are no special accessories necessary for compliance of this product.

3.4 Measurement Uncertainty

When determining of the test conclusion, the Measurement Uncertainty of test has been considered.

Uncertainty and Compliance - Unless the standard specifically states that measured values are to be extended by the measurement uncertainty in determining compliance, all compliance determinations are based on the actual measured value.

EXHIBIT 4
TEST RESULTS

4.0 **Test Results**

Data is included of the worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included.

4.1 Field Strength Calculation

The field strength is calculated by adding the reading on the Spectrum Analyzer to the factors associated with preamplifiers (if any), antennas, cables, pulse desensitization and average factors (when specified limit is in average and measurements are made with peak detectors). A sample calculation is included below.

FS = RA + AF + CF - AG + PD + AV

where FS = Field Strength in dBμV/m
RA = Receiver Amplitude (including preamplifier) in dBμV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB
AG = Amplifier Gain in dB
PD = Pulse Desensitization in dB
AV = Average Factor in -dB

In the radiated emission table which follows, the reading shown on the data table may reflects the preamplifier gain. An example of the calculations, where the reading does not reflect the preamplifier gain, follows:

FS = RA + AF + CF - AG + PD +AV

Example
Assume a receiver reading of 62.0 dBμV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted. The pulse desensitization factor of the spectrum analyzer was 0 dB, and the resultant average factor was -10 dB. The net field strength for comparison to the appropriate emission limit is 32 dBμV/m. This value in dBμV/m was converted to its corresponding level in μV/m.

RA = 62.0 dBμV
AF = 7.4 dB
CF = 1.6 dB
AG = 29 dB
PD = 0 dB
AV = -10 dB
FS = 62 + 7.4 +1.6 -29 +0 + (-10) = 32 dBμV/m

Level in μV/m = Common Antilogarithm [(32 dBμV/m)/20] = 39.8 μV/m

4.2 Radiated Emissions

4.2.1 Radiated Emission Configuration Photograph

Worst Case Radiated Emission
at

2400.000 MHz

The worst case radiated emission configuration photographs are attached in the Appendix and saved with filename: config photos.pdf

4.2.2 Radiated Emission Data

The data in tables 1-4 list the significant emission frequencies, the limit and the margin of compliance.

Judgement -

Passed by 2.78 dB margin compare with peak limit

4.2.3 Transmitter Duty Cycle Calculation

Duty Cycle (DC) = Maximum On time in 100ms/100ms
= 5.588ms/100ms
= 0.05588

Average Factor (AF) = 20 log(DC)
= 20* log (0.05588)
=-25 dB

The sample plot shows the bit timing is attached in the Appendix and saved with filename: timing.pdf

Mode: TX-Channel 01

Table 1

Radiated Emission Data

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Average Factor (dB)	Calculated at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
V	2407.500	113.2	33	29.4	25	84.6	94.0	-9.4
V	***4815.000***	***58.1***	***33***	***34.9***	***25***	***35.0***	***54.0***	***-19.0***
V	7222.500	58.5	33	37.9	25	38.4	54.0	-15.6
V	9630.000	53.8	33	40.4	25	36.2	54.0	-17.8
H	***12037.500***	***51.9***	***33***	***40.5***	***25***	***34.4***	***54.0***	***-19.6***
H	14445.000	52.2	33	40.0	25	34.2	54.0	-19.8

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
V	2407.500	113.2	33	29.4	109.6	114.0	-4.4
V	***4815.000***	***58.1***	***33***	***34.9***	***60.0***	***74.0***	***-14.0***
V	7222.500	58.5	33	37.9	63.4	74.0	-10.6
V	9630.000	53.8	33	40.4	61.2	74.0	-12.8
H	***12037.500***	***51.9***	***33***	***40.5***	***59.4***	***74.0***	***-14.6***
H	14445.000	52.2	33	40.0	59.2	74.0	-14.8

NOTES:
1. Peak detector is used for the emission measurement.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna is used for the emission over 1000MHz.
5. Emission (the row indicated by ***bold italic***) within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-210 Section 2.2.

Mode: TX-Channel 11

Table 2

Radiated Emission Data

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Average Factor (dB)	Calculated at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
V	2441.250	113.4	33	29.4	25	84.8	94.0	-9.2
V	***4882.500***	***58.2***	***33***	***34.9***	***25***	***35.1***	***54.0***	***-18.9***
V	***7323.750***	***58.6***	***33***	***37.9***	***25***	***38.5***	***54.0***	***-15.5***
V	9765.000	53.8	33	40.4	25	36.2	54.0	-17.8
H	***12206.250***	***52.1***	***33***	***40.5***	***25***	***34.6***	***54.0***	***-19.4***
H	14647.500	54.0	33	38.4	25	34.4	54.0	-19.6

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
V	2441.250	113.4	33	29.4	109.8	114.0	-4.2
V	***4882.500***	***58.2***	***33***	***34.9***	***60.1***	***74.0***	***-13.9***
V	***7323.750***	***58.6***	***33***	***37.9***	***63.5***	***74.0***	***-10.5***
V	9765.000	53.8	33	40.4	61.2	74.0	-12.8
H	***12206.250***	***52.1***	***33***	***40.5***	***59.6***	***74.0***	***-14.4***
H	14647.500	54.0	33	38.4	59.4	74.0	-14.6

NOTES:
1. Peak detector is used for the emission measurement.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna is used for the emission over 1000MHz.
5. Emission (the row indicated by ***bold italic***) within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-210 Section 2.2.

Mode: TX-Channel 21

Table 3

Radiated Emission Data

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Average Factor (dB)	Calculated at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
V	2475.000	113.1	33	29.4	25	84.5	94.0	-9.5
V	***4950.000***	***58.1***	***33***	***34.9***	***25***	***35.0***	***54.0***	***-19.0***
V	***7425.000***	***58.3***	***33***	***37.9***	***25***	***38.2***	***54.0***	***-15.8***
V	9900.000	53.6	33	40.4	25	36.0	54.0	-18.0
H	***12375.000***	***52.0***	***33***	***40.5***	***25***	***34.5***	***54.0***	***-19.5***
H	14850.000	53.8	33	38.4	25	34.2	54.0	-19.8

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
V	2475.000	113.1	33	29.4	109.5	114.0	-4.5
V	***4950.000***	***58.1***	***33***	***34.9***	***60.0***	***74.0***	***-14.0***
V	***7425.000***	***58.3***	***33***	***37.9***	***63.2***	***74.0***	***-10.8***
V	9900.000	53.6	33	40.4	61.0	74.0	-13.0
H	***12375.000***	***52.0***	***33***	***40.5***	***59.5***	***74.0***	***-14.5***
H	14850.000	53.8	33	38.4	59.2	74.0	-14.8

NOTES:
1. Peak detector is used for the emission measurement.
2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.
3. Negative value in the margin column shows emission below limit.
4. Horn antenna is used for the emission over 1000MHz.
5. Emission (the row indicated by ***bold italic***) within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-210 Section 2.2.

Mode: Talk

Table 4

Radiated Emission Data

Polarization	Frequency (MHz)	Reading (dBµV)	Pre-amp (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
V	36.000	39.6	16	10.0	33.6	40.0	-6.4
V	72.000	42.5	16	7.0	33.5	40.0	-6.5
H	***108.000***	***36.1***	***16***	***14.0***	***34.1***	***43.5***	***-9.4***
H	144.000	36.5	16	14.0	34.5	43.5	-9.0
H	216.000	32.2	16	17.0	33.2	43.5	-10.3
H	288.000	27.0	16	22.0	33.0	46.0	-13.0
H	***324.000***	***24.6***	***16***	***24.0***	***32.6***	***46.0***	***-13.4***
H	360.000	24.3	16	24.0	32.3	46.0	-13.7

NOTES: 1. Peak detector is used for the emission measurement.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative value in the margin column shows emission below limit.

4. Emission (the row indicated by ***bold italic***) within the restricted band meets the requirement of FCC Part 15 Section 15.205 / RSS-210 Section 2.2.

4.3 Radiated Emissions from Receiver

4.3.1 Radiated Emission Configuration Photograph

Worst Case Radiated Emission
at

2436.750 MHz

The worst case radiated emission configuration photographs are attached in the Appendix and saved with filename: config photos.pdf

4.3.2 Radiated Emission Data

The data in tables 5 list the significant emission frequencies, the limit and the margin of compliance.

Judgement -

Passed by 13.6 dB margin

Mode: Receiving – Middle Channel

Table 5

Radiated Emissions Data

Polari-zation	Frequency (MHz)	Reading (dBµV)	Pre-amp (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Limit at 3m (dBµV/m)	Margin (dB)
V	2436.750	44.0	33	29.4	40.4	54.0	-13.6
V	4873.500	38.4	33	34.9	40.3	54.0	-13.7
V	7310.250	35.3	33	37.9	40.2	54.0	-13.8
V	9747.000	32.0	33	40.4	39.4	54.0	-14.6
V	12183.750	31.7	33	40.5	39.2	54.0	-14.8

NOTES:

1. Peak detector is used for the emission measurement.

2. All measurements were made at 3 meters. Radiated emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other radiated emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative value in the margin column shows emission below limit.

4. Horn antenna is used for the emission over 1000MHz.

4.4 Radiated Emission on the Bandedge

From the following plots, they show that the fundamental emissions are confined in the specified band (2400MHz and 2483.5MHz). In case of emissions up to two standard bandwidths away from the bandedge, the delta measurement technique is used for determining bandedge compliance. Standard bandwidth is the bandwidth specified by ANSI C63.4 (2003) for frequency being measured.

Emissions radiated outside of the specified frequency bands, except harmonics, are attenuated by 50 dB below the level of the fundamental or to the general radiated emission limits in FCC Part 15 Section 15.209 / Table 5 of RSS-Gen, whichever is the lesser attenuation, which meet the requirement of FCC Part 15 Section 15.249(d) / RSS-210 A2.9(b).

Radiated Emission on bandedge plots are attached in the Appendix and saved with filename: be.pdf

Bandedge compliance is determined by applying marker-delta method, i.e.

Resultant Field Strength = Fundamental Emissions - Delta from the plot

Resultant field strength for the lowest and/or highest channel(s), with corresponding average values are calculated as follows:

	Channel	Fundamental Emission (dBµV/m)	Delta from the Plot (dB)	Resultant Field Strength (dBµV/m)	Average Limit (dBµV/m)	Margin (dB)
Baby Unit	Lowest	84.6	38.38	46.22	54	-7.78
	Highest	84.5	45.84	38.66	54	-15.34

	Channel	Fundamental Emission (dBµV/m)	Delta from the Plot (dB)	Resultant Field Strength (dBµV/m)	Peak Limit (dBµV/m)	Margin (dB)
Baby Unit	Lowest	109.6	38.38	71.22	74	-2.78
	Highest	109.5	45.84	63.66	74	-10.34

4.5 AC Power Line Conducted Emission

[ ] Not applicable – EUT is only powered by battery for operation.

[×] EUT connects to AC power line. Emission Data is listed in following pages.

[ ] Base Unit connects to AC power line and has transmission. Handset connects to AC power line but has no transmission. Emission Data of Base Unit is listed in following pages.

4.5.1 AC Power Line Conducted Emission Configuration Photograph

Worst Case Line-Conducted Configuration
at

0.474 MHz

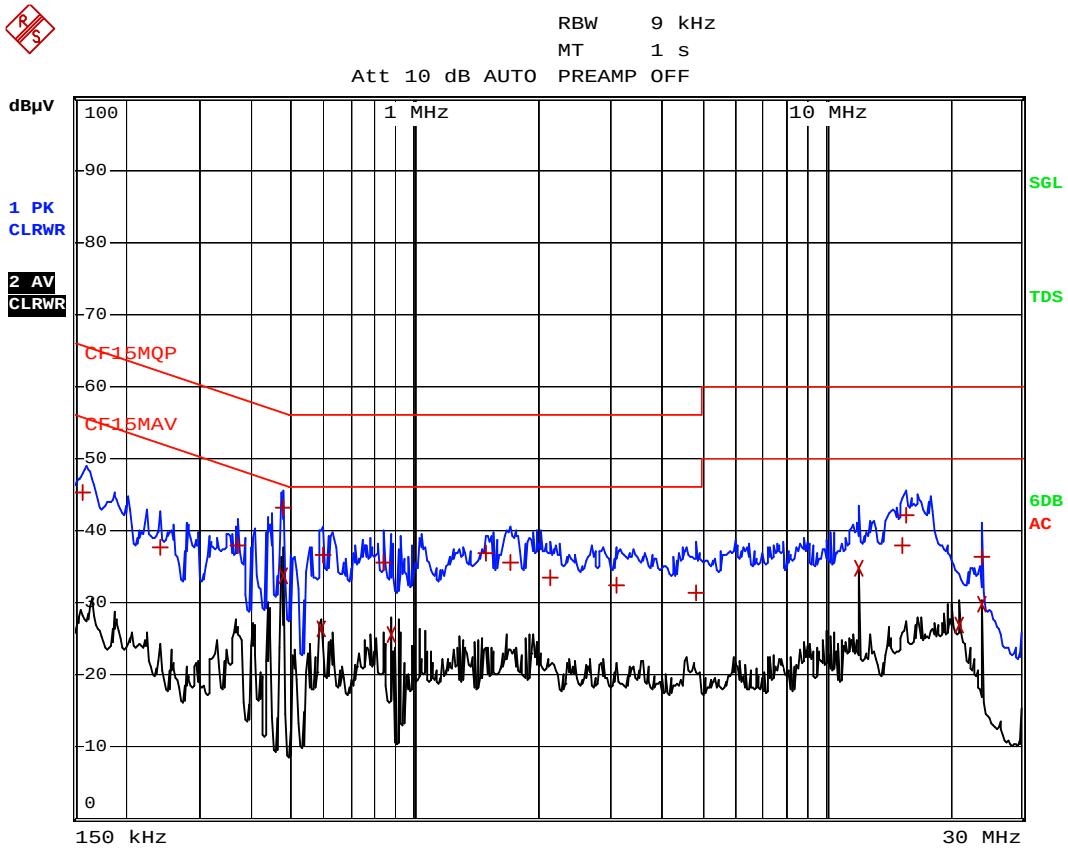
The worst case line conducted configuration photographs are attached in the Appendix and saved with filename: config photos.pdf

4.5.2 AC Power Line Conducted Emission Data

The plot(s) and data in the following pages list the significant emission frequencies, the limit and the margin of compliance.

Passed by 11.61 dB margin compare with average limit

Worst Case: Tx with Nightlight Mode



Date: 14.DEC.2010 18:25:34

Worst Case: Tx with Nightlight Mode

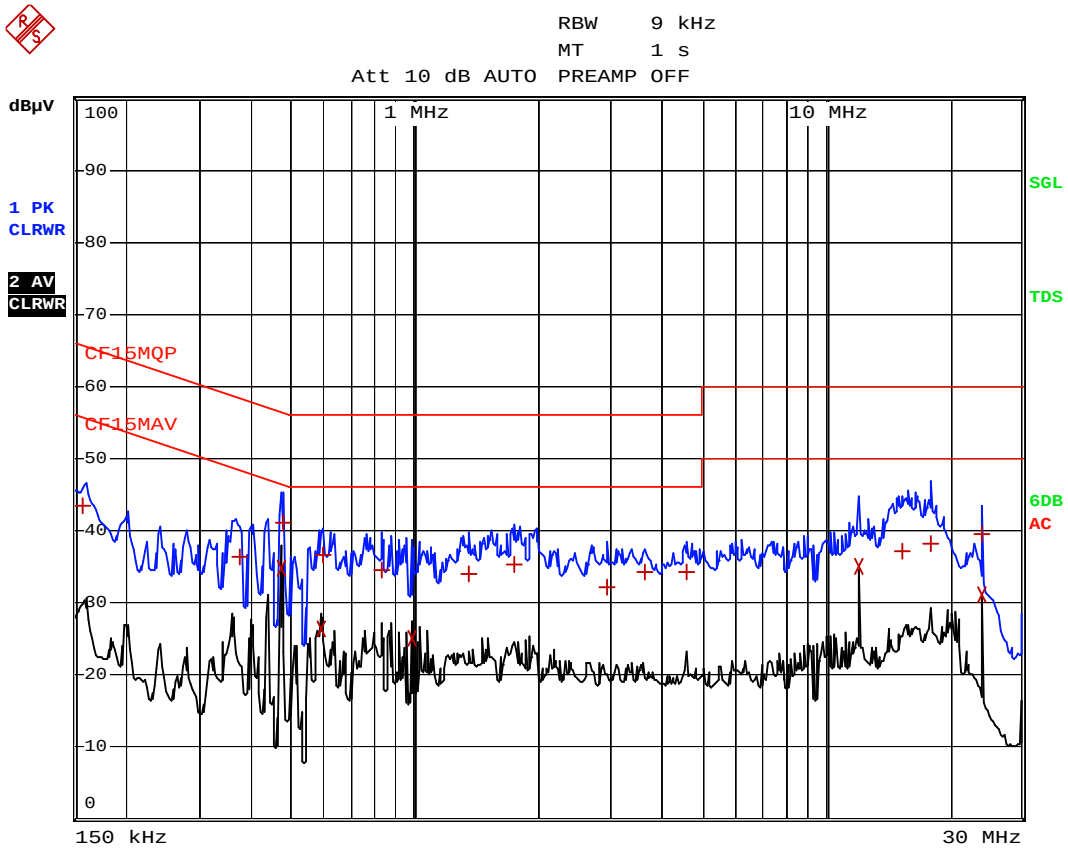
EDIT PEAK LIST (Final Measurement Results)

Trace1: CF15MQP
Trace2: CF15MAV
Trace3: ---

	TRACE	FREQUENCY	LEVEL dBµV		DELTA LIMIT dB
1	Quasi Peak	159 kHz	45.17	N	-20.34
1	Quasi Peak	240 kHz	37.74	L1	-24.34
1	Quasi Peak	370.5 kHz	37.79	L1	-20.69
2	CISPR Average	478.5 kHz	33.75	L1	-12.60
1	Quasi Peak	478.5 kHz	43.27	L1	-13.08
2	CISPR Average	591 kHz	26.25	L1	-19.74
1	Quasi Peak	595.5 kHz	36.70	N	-19.29
1	Quasi Peak	838.5 kHz	35.53	N	-20.46
2	CISPR Average	879 kHz	25.48	L1	-20.51
1	Quasi Peak	1.4955 MHz	36.80	L1	-19.19
1	Quasi Peak	1.707 MHz	35.54	L1	-20.45
1	Quasi Peak	2.148 MHz	33.33	L1	-22.66
1	Quasi Peak	3.111 MHz	32.53	L1	-23.46
1	Quasi Peak	4.8255 MHz	31.44	L1	-24.56
2	CISPR Average	11.9985 MHz	34.71	L1	-15.28
1	Quasi Peak	15.369 MHz	37.97	L1	-22.02
1	Quasi Peak	15.7155 MHz	42.10	L1	-17.89
2	CISPR Average	21.2235 MHz	26.84	L1	-23.15
2	CISPR Average	24 MHz	29.77	L1	-20.22
1	Quasi Peak	24 MHz	36.44	L1	-23.55

Date: 14.DEC.2010 18:25:25

Worst Case: Rx with Nightlight Mode



Date: 14.DEC.2010 18:33:08

Worst Case: Rx with Nightlight Mode

EDIT PEAK LIST (Final Measurement Results)

Trace1: CF15MQP
Trace2: CF15MAV
Trace3: ---

	TRACE	FREQUENCY	LEVEL dBµV		DELTA LIMIT dB
1	Quasi Peak	159 kHz	43.45	N	-22.06
1	Quasi Peak	375 kHz	36.46	L1	-21.92
2	CISPR Average	474 kHz	34.82	L1	-11.61
1	Quasi Peak	478.5 kHz	41.11	L1	-15.25
2	CISPR Average	591 kHz	26.35	L1	-19.64
1	Quasi Peak	595.5 kHz	36.49	L1	-19.50
1	Quasi Peak	834 kHz	34.52	L1	-21.47
2	CISPR Average	987 kHz	25.06	L1	-20.94
1	Quasi Peak	1.3515 MHz	34.08	L1	-21.91
1	Quasi Peak	1.743 MHz	35.24	L1	-20.75
1	Quasi Peak	2.94 MHz	32.09	L1	-23.90
1	Quasi Peak	3.6555 MHz	34.18	L1	-21.81
1	Quasi Peak	4.6095 MHz	34.36	L1	-21.63
2	CISPR Average	11.9985 MHz	35.00	L1	-14.99
1	Quasi Peak	15.4365 MHz	37.13	L1	-22.86
1	Quasi Peak	18.006 MHz	38.17	L1	-21.82
2	CISPR Average	24 MHz	31.13	L1	-18.87
1	Quasi Peak	24 MHz	39.45	L1	-20.54

Date: 14.DEC.2010 18:33:00

4.6 Radio Frequency Exposure Compliance

The Routine RF Exposure Evaluation, Routine SAR Evaluation and Declaration of RF Exposure Compliance are saved as filename: RF exposure.pdf

EXHIBIT 5
EQUIPMENT LIST

5.0 **Equipment List**

1) Radiated Emissions Test

Equipment	Biconical Antenna	Log Periodic Antenna	Double Ridged Guide Antenna
Registration No.	EW-0954	EW-0446	EW-1015
Manufacturer	EMCO	EMCO	EMCO
Model No.	3104C	3146	3115
Calibration Date	Apr. 14, 2010	Apr. 26, 2010	Feb. 09, 2010
Calibration Due Date	Oct. 14, 2011	Oct. 26, 2011	Aug. 09, 2011

Equipment	EMI Test Receiver	Spectrum Analyzer	Spectrum Analyzer
Registration No.	EW-2251	EW-2188	EW-2466
Manufacturer	R&S	AGILENTTECH	R&S
Model No.	ESCI	E4407B	FSP30
Calibration Date	Oct. 22, 2009	Dec. 25, 2009	Nov. 11, 2009
Calibration Due Date	Jan. 22, 2011	Dec. 31, 2010	Feb. 11, 2011

Equipment	Broad-Band Horn Antenna with frequency range 14G - 40GHz	Digital Multimeter
Registration No.	EW-1679	EW-1237
Manufacturer	SCHWARZBECK	FLUKE
Model No.	BBHA9170	179
Calibration Date	Feb. 17, 2010	Sep. 01, 2010
Calibration Due Date	Feb. 17, 2011	Oct. 01, 2011

2) Conducted Emissions Test

Equipment	Pulse Limiter	Artificial Mains	EMI Test Receiver
Registration No.	EW-0699	EW-0090	EW-2500
Manufacturer	R&S	R&S	R&S
Model No.	ESH3-Z2	ESH3-Z5	ESCI
Calibration Date	Dec. 24, 2009	Feb. 05, 2010	Sep. 20, 2009
Calibration Due Date	Jun. 24, 2011	Feb. 05, 2011	Dec. 20, 2010

END OF TEST REPORT