



FCC PART 15.231

TEST REPORT

For

Hangzhou Gubei Electronics Technology Co., Ltd

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FCC ID: 2ACDZ-E-REMOTE

Report Type: Original Report	Product Type: e-Remote
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Report Number: <u>R2SH140504052-00B</u>	
Report Date: <u>2014-08-26</u>	
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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

The *Hangzhou Gubei Electronics Technology Co., Ltd*'s product, model number: *RM Pro (FCC ID: 2ACDZ-E-REMOTE)* (or the "EUT") in this report was an *e-Remote*, which was measured approximately: 11.5 cm (L) x 11.0 cm (W) x 3.5 cm (H), rated input voltage: DC 5V from adapter.

Adapter information:

Model: JHD-AP006U-050100AB

Input: AC 100-240V, 50/60Hz, 0.3A

Output: DC 5V, 1000mA

Manufacture: Shenzhen Jihongda Power Co., Ltd

Note: The series product, model RM2, RM1, RM Home, RM3, RM Pro are electrically identical, the difference between them is just the model name, we selected RM Pro for fully testing, the details was explained in the attached declaration letter.

All measurement and test data in this report was gathered from production sample serial number: 140504052 (Assigned by BACL, Dongguan). The EUT was received on 2014-05-13.

Objective

This document is a test report based on the Electromagnetic Interference (EMI) tests performed on the EUT. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4-2003.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.209, 15.35(c) and 15.231 rules.

Related Submittal(s)/Grant(s)

FCC Part 15C DTS submissions with FCC ID: 2ACDZ-E-REMOTE for Wi-Fi.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.4 - 2003, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz. All radiated and conducted emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Dongguan). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industrial Zone, Tangxia, Dongguan, Guangdong, China

Test site at Bay Area Compliance Laboratories Corp. (Dongguan) has been fully described in reports submitted to the Federal Communication Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on February 02, 2012. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2003.

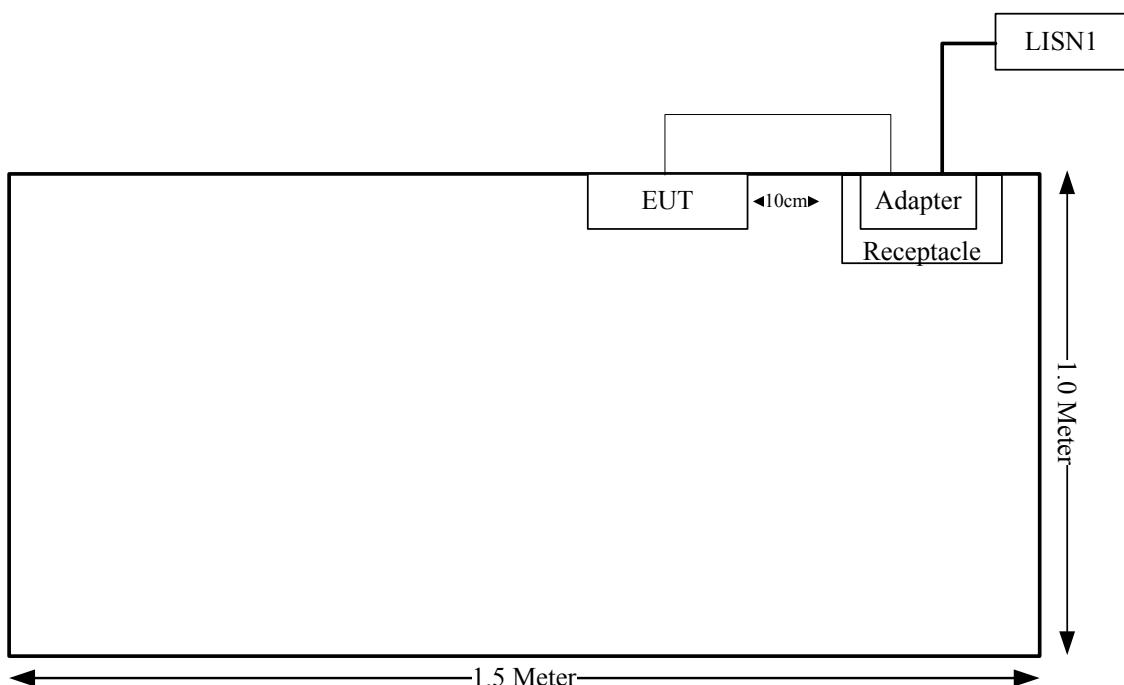
The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 273710. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

SYSTEM TEST CONFIGURATION

Justification

The system was configured in a test mode.

Block Diagram of Test Setup



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.207 (a)	Conducted Emissions	Compliance
§15.205, §15.209, §15.231 (b)	Radiated Emissions	Compliance
§15.231 (c)	20dB Bandwidth Testing	Compliance
§15.231 (a)	Deactivation Testing	Compliance

FCC §15.203 - ANTENNA REQUIREMENT

Applicable Standard

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

Result: Compliant.

The EUT has an internal antenna, which complied with 15.203. Please refer to the EUT Internal photos.

FCC §15.207 (a) – AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC§15.207

Measurement Uncertainty

Compliance or non- compliance with a disturbance limit shall be determined in the following manner:

If U_{lab} is less than or equal to U_{cisp} of Table 1, then:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non - compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

If U_{lab} is greater than U_{cisp} of Table 1, then:

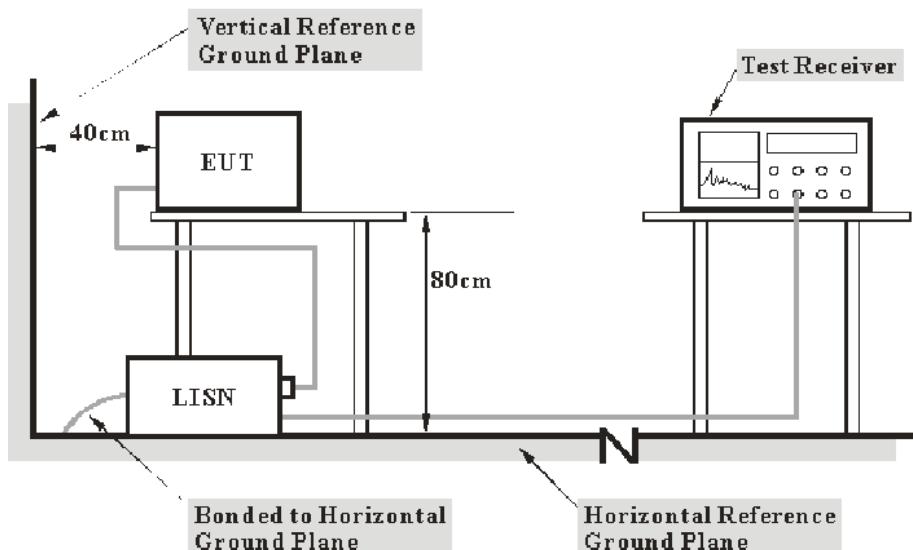
- compliance is deemed to occur if no measured disturbance level, increased by $(U_{\text{lab}} - U_{\text{cisp}})$, exceeds the disturbance limit;
- non - compliance is deemed to occur if any measured disturbance level, increased by $(U_{\text{lab}} - U_{\text{cisp}})$, exceeds the disturbance limit.

Based on CISPR 16-4-2:2011, measurement uncertainty of conducted disturbance at mains port using AMN at Bay Area Compliance Laboratories Corp. (Dongguan) is 3.46 dB (150 kHz to 30 MHz).

Table 1 – Values of U_{cisp}

Measurement	U_{cisp}
Conducted disturbance at mains port using AMN (150 kHz to 30 MHz)	3.4 dB

EUT Setup



Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2003 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

The adapter was connected to a 120 VAC/60 Hz power source

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the first LISN and the other support equipments were connected to the outlet of the second LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

$$V_C = V_R + A_C + VDF$$

$$C_f = A_C + VDF$$

Herein,

V_C (cord. Reading): corrected voltage amplitude

V_R : reading voltage amplitude

A_C : attenuation caused by cable loss

VDF: voltage division factor of AMN

C_f : Correction Factor

The “Margin” column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the maximum limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCS 30	830245/006	2013-11-20	2014-11-19
R&S	Two-line V-network	ENV216	3560.6550.12	2014-01-22	2015-01-21
R&S	L.I.S.N	ESH3-Z5	100113	N/A	N/A
R&S	Test Software	EMC32	Version8.53.0	N/A	N/A

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Part 15.207, with the worst margin reading of:

17.60 dB at 0.375019 MHz in the Neutral conducted mode

Test Data

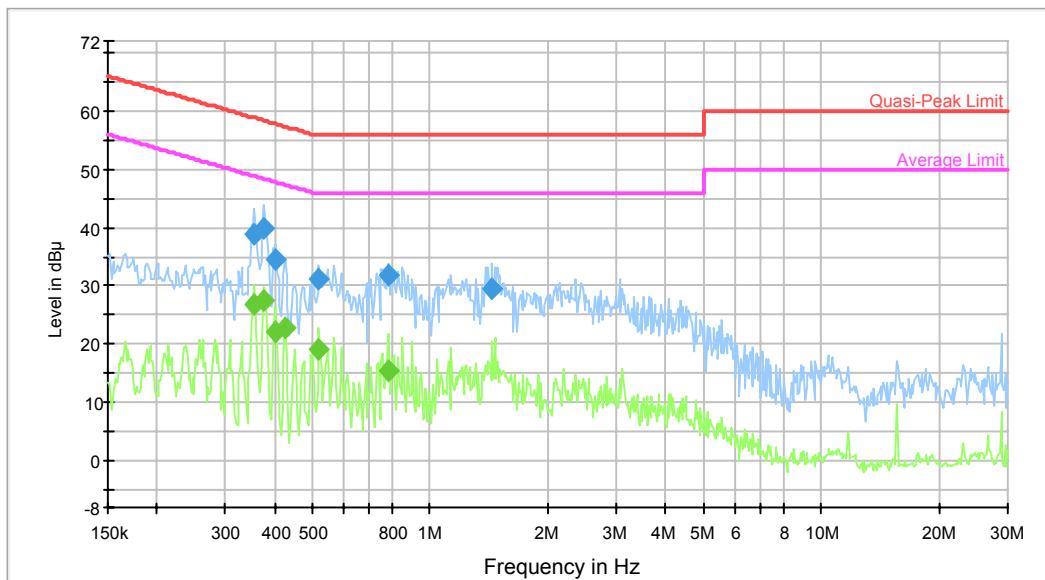
Environmental Conditions

Temperature:	27.2 °C
Relative Humidity:	55 %
ATM Pressure:	100.3 kPa

The testing was performed by Allen Qiao on 2014-07-01.

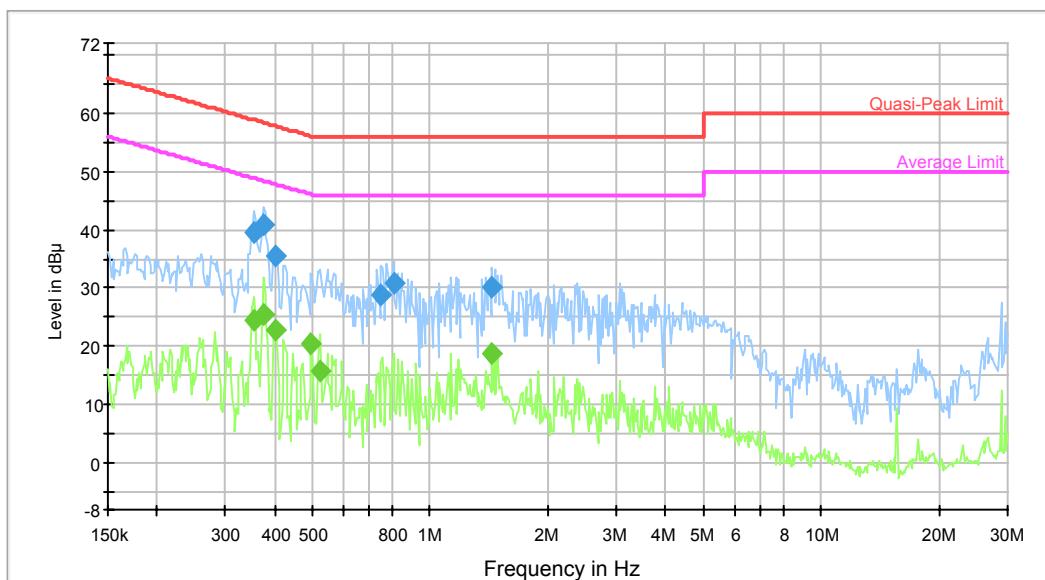
Test Mode: Transmitting

AC120 V, 60 Hz, Line:



Frequency (MHz)	QuasiPeak (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)	Comment
0.354674	38.8	9.000	L1	10.7	20.1	58.9	Compliance
0.375019	40.0	9.000	L1	10.7	18.4	58.4	Compliance
0.402900	34.5	9.000	L1	10.6	23.3	57.8	Compliance
0.519918	31.1	9.000	L1	10.4	24.9	56.0	Compliance
0.780588	31.8	9.000	L1	10.5	24.2	56.0	Compliance
1.441726	29.6	9.000	L1	10.4	26.4	56.0	Compliance

Frequency (MHz)	Average (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)	Comment
0.354674	26.7	9.000	L1	10.7	22.2	48.9	Compliance
0.375019	27.4	9.000	L1	10.7	21.0	48.4	Compliance
0.402900	22.1	9.000	L1	10.6	25.7	47.8	Compliance
0.426011	22.9	9.000	L1	10.6	24.4	47.3	Compliance
0.519918	19.2	9.000	L1	10.4	26.8	46.0	Compliance
0.780588	15.3	9.000	L1	10.5	30.7	46.0	Compliance

AC120 V, 60 Hz, Neutral:

Frequency (MHz)	QuasiPeak (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)	Comment
0.354674	39.5	9.000	N	11.0	19.4	58.9	Compliance
0.375019	40.8	9.000	N	10.9	17.6	58.4	Compliance
0.402900	35.5	9.000	N	10.8	22.3	57.8	Compliance
0.750100	28.7	9.000	N	10.6	27.3	56.0	Compliance
0.805868	30.8	9.000	N	10.5	25.2	56.0	Compliance
1.441726	30.0	9.000	N	10.5	26.0	56.0	Compliance

Frequency (MHz)	Average (dB μ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)	Comment
0.354674	24.6	9.000	N	11.0	24.3	48.9	Compliance
0.375019	25.5	9.000	N	10.9	22.9	48.4	Compliance
0.402900	22.6	9.000	N	10.8	25.2	47.8	Compliance
0.495646	20.4	9.000	N	10.4	25.7	46.1	Compliance
0.524077	15.7	9.000	N	10.4	30.3	46.0	Compliance
1.441726	18.9	9.000	N	10.5	27.1	46.0	Compliance

FCC §15.205, §15.209, §15.231 (b) - RADIATED EMISSIONS

Applicable Standard

FCC §15.205, §15.209, §15.231 (b)

Measurement Uncertainty

Compliance or non- compliance with a disturbance limit shall be determined in the following manner:

If U_{lab} is less than or equal to U_{cispr} of Table 1, then:

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non - compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

If U_{lab} is greater than U_{cispr} of Table 1, then:

- compliance is deemed to occur if no measured disturbance level, increased by $(U_{\text{lab}} - U_{\text{cispr}})$, exceeds the disturbance limit;
- non - compliance is deemed to occur if any measured disturbance level, increased by $(U_{\text{lab}} - U_{\text{cispr}})$, exceeds the disturbance limit.

Based on CISPR 16-4-2: 2011, measurement uncertainty of radiated emission at a distance of 3m at Bay Area Compliance Laboratories Corp. (Dongguan) is:

30M~200MHz: 5.0 dB

200M~1GHz: 6.2 dB

1G~6GHz: 4.45 dB

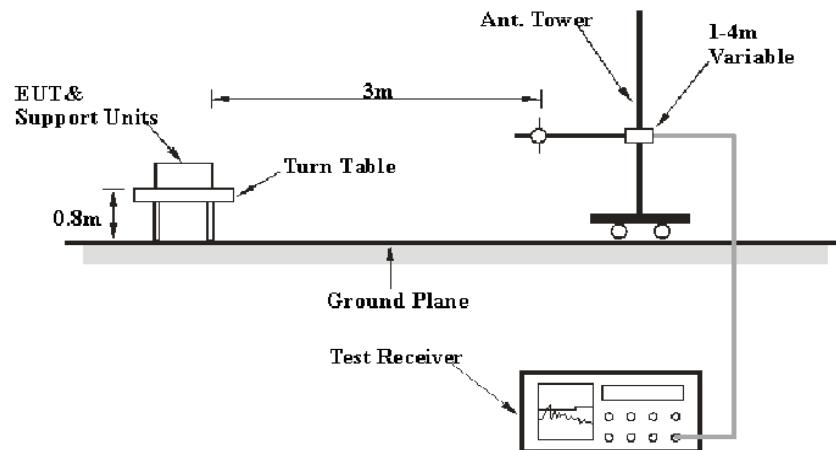
6G~18GHz: 5.23 dB

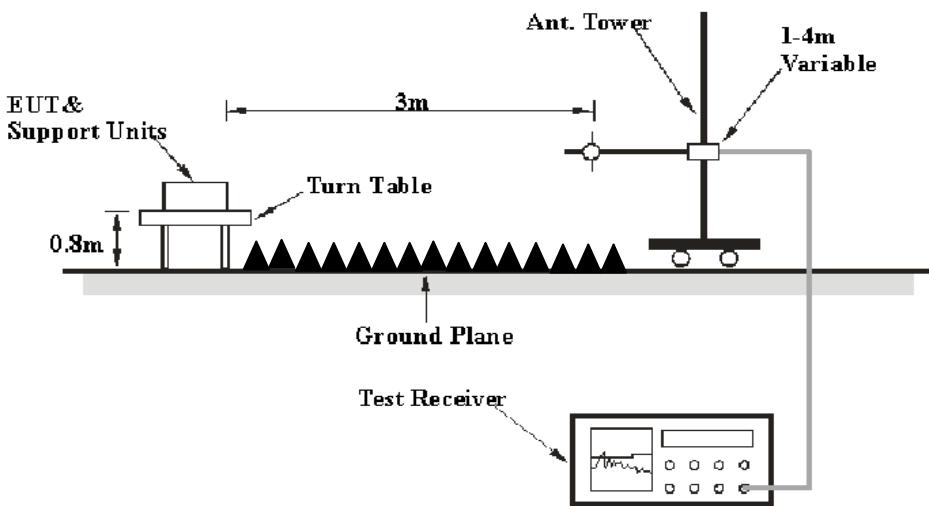
Table 1 – Values of U_{cispr}

Measurement	U_{cispr}
Radiated disturbance (electric field strength at an OATS or in a SAC) (30 MHz to 1000 MHz)	6.3 dB
Radiated disturbance (electric field strength in a FAR) (1 GHz to 6 GHz)	5.2 dB
Radiated disturbance (electric field strength in a FAR) (6 GHz to 18 GHz)	5.5 dB

EUT Setup

Below 1 GHz:



Above 1 GHz:

The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.4 - 2003. The specification used was the FCC 15 § 15.209, 15.205 and 15.231.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

EMI Test Receiver Setup

The system was investigated from 30 MHz to 4 GHz.

During the radiated emission test, the test receiver was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Detector
30MHz – 1000 MHz	100 kHz	300 kHz	100kHz	PK
Above 1 GHz	1MHz	3 MHz	/	PK

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2014-05-09	2015-05-08
Sunol Sciences	Antenna	JB3	A060611-1	2011-09-06	2014-09-05
HP	Amplifier	8447E	2434A02181	2013-09-06	2014-09-05
R&S	Spectrum Analyzer	FSEM	DE31388	2014-05-09	2015-05-08
ETS-Lindgren	Horn Antenna	3115	000 527 35	2012-09-06	2015-09-05
Mini-Circuit	Amplifier	ZVA-213-S+	054201245	2014-02-19	2015-02-18

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

According to §15.231, Intentional radiators operating under the provisions of this Section shall demonstrate compliance with the limits on the field strength of emissions, based on the average value of the measured emissions. As an alternative, compliance with the limits in the above table may be based on the use of measurement instrumentation with a CISPR quasi-peak detector

Applicable Standard

According to §15.231 (b), the field strength of emissions from intentional radiators operated under this section shall not exceed the following:

Fundamental frequency (MHz)	Field Strength of Fundamental (Microvolts /meter)	Field Strength of spurious emissions ((Microvolts /meter)
40.66-40.70	2250	225
70-130	1250	125
130-174	1250 to 3750*	125 to 375*
174-260	3750	375
260-470	3750 to 12500*	375 to 1250*
Above 470	12500	1250

*Linear interpolations.

The above field strength limits are specified at a distance of 3-meters the tighter limits apply at the band edges.

Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Loss and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\text{Corrected Amplitude} = \text{Meter Reading} + \text{Antenna Loss} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

Test Results Summary

According to the data in the following table, the EUT complied with the CFR47 §15.205, §15.209, §15.231 (b), with the worst margin reading of:

8.42 dB at 315 MHz in the Horizontal polarization

Test Data

Environmental Conditions

Temperature:	25.6 °C
Relative Humidity:	56 %
ATM Pressure:	100.5 kPa

The testing was performed by Allen Qiao on 2014-08-24 and 2014-08-26.

Test mode: Transmitting

Field Strength (Peak)

Frequency (MHz)	Receiver	Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB μ V/m)	15.231	
		Reading (dB μ V)	Polar (H/V)				Limit (dB μ V/m)	Margin (dB)
Operating Frequency: 315 MHz								
315	78.46	H	14.42	2.19	21.56	73.51	95.62	22.11
315	78.12	V	14.42	2.19	21.56	73.17	95.62	22.45
630	33.62	H	20.02	3.06	22.28	34.42	75.62	41.21
630	31.82	V	20.02	3.06	22.28	32.62	75.62	43.01
945	35.96	H	23.18	3.72	22.10	40.76	75.62	34.86
945	32.98	V	23.18	3.72	22.10	37.78	75.62	37.84
1260	43.51	H	22.98	2.86	26.87	42.48	75.62	33.14
1260	37.32	V	22.98	2.86	26.87	36.29	75.62	39.33
1575	44.72	H	23.75	3.23	27.71	43.99	74.00	30.01
1575	39.30	V	23.75	3.23	27.71	38.57	74.00	35.43

Frequency (MHz)	Receiver Reading (dB μ V)	Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB μ V/m)	15.231	
		Polar (H/V)	Factor (dB)				Limit (dB μ V/m)	Margin (dB)
Operating Frequency: 433.83 MHz								
433.83	79.74	H	16.85	2.49	21.85	77.23	100.82	23.60
433.83	79.40	V	16.85	2.49	21.85	76.89	100.82	23.94
867.66	32.92	H	22.50	3.59	22.23	36.78	80.82	44.04
867.66	32.83	V	22.50	3.59	22.23	36.69	80.82	44.13
1301.49	47.83	H	23.08	2.91	26.91	46.92	74.00	27.08
1301.49	43.32	V	23.08	2.91	26.91	42.41	74.00	31.59
1735.32	42.55	H	24.07	3.60	27.62	42.60	80.82	38.22
1735.32	40.24	V	24.07	3.60	27.62	40.29	80.82	40.53
2169.15	43.91	H	25.04	4.16	27.32	45.79	80.82	35.03
2169.15	42.37	V	25.04	4.16	27.32	44.25	80.82	36.57

Field Strength (Average)

Frequency (MHz)	Peak Measurement @ 3m (dB μ V/m)	Polar (H/V)	Duty Cycle Correction Factor (dB)	Average Amp. (dB μ V/m)	15.231		
					Limit (dB μ V/m)	Margin (dB)	
Operating Frequency: 315 MHz							
315	73.51	H	-6.31	67.20	75.62	8.42	
315	73.17	V	-6.31	66.86	75.62	8.76	
630	34.42	H	-6.31	28.11	55.62	27.51	
630	32.62	V	-6.31	26.31	55.62	29.31	
945	40.76	H	-6.31	34.46	55.62	21.17	
945	37.78	V	-6.31	31.48	55.62	24.15	
1260	42.48	H	-6.31	36.17	55.62	19.45	
1260	36.29	V	-6.31	29.98	55.62	25.64	
1575	43.99	H	-6.31	37.68	54.00	16.32	
1575	38.57	V	-6.31	32.26	54.00	21.74	

Frequency (MHz)	Peak Measurement @ 3m (dB μ V/m)	Polar (H/V)	Duty Cycle Correction Factor (dB)	Average Amp. (dB μ V/m)	15.231		
					Limit (dB μ V/m)	Margin (dB)	
Operating Frequency: 433.83 MHz							
433.83	77.23	H	-12.93	64.29	80.82	16.53	
433.83	76.89	V	-12.93	63.95	80.82	16.87	
867.66	36.78	H	-12.93	23.85	60.82	36.98	
867.66	36.69	V	-12.93	23.76	60.82	37.07	
1301.49	46.92	H	-12.93	33.99	54.00	20.01	
1301.49	42.41	V	-12.93	29.48	54.00	24.52	
1735.32	42.60	H	-12.93	29.67	60.82	31.15	
1735.32	40.29	V	-12.93	27.36	60.82	33.46	
2169.15	45.79	H	-12.93	32.86	60.82	27.96	
2169.15	44.25	V	-12.93	31.32	60.82	29.50	

Duty Cycle:

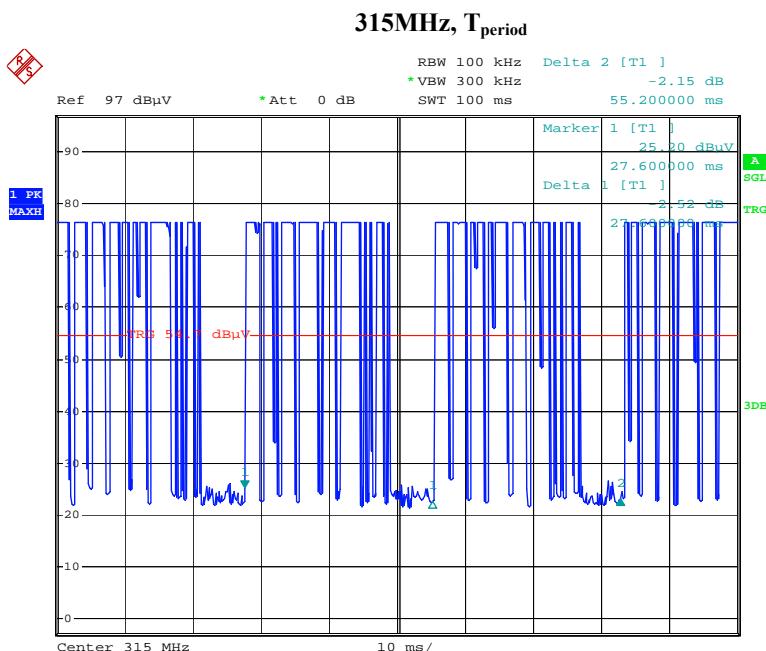
Frequency (MHz)	T _{on} (ms)	T _{period} (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
315	13.35(note1)	27.6	48.37%	-6.31(note3)
433.83	9.3(note2)	41.22	22.56%	-12.93(note3)

note1: $T_{on} = T_{on1} * N_1 + T_{on2} * N_2$ ($N_1=15$, $N_2=10$)

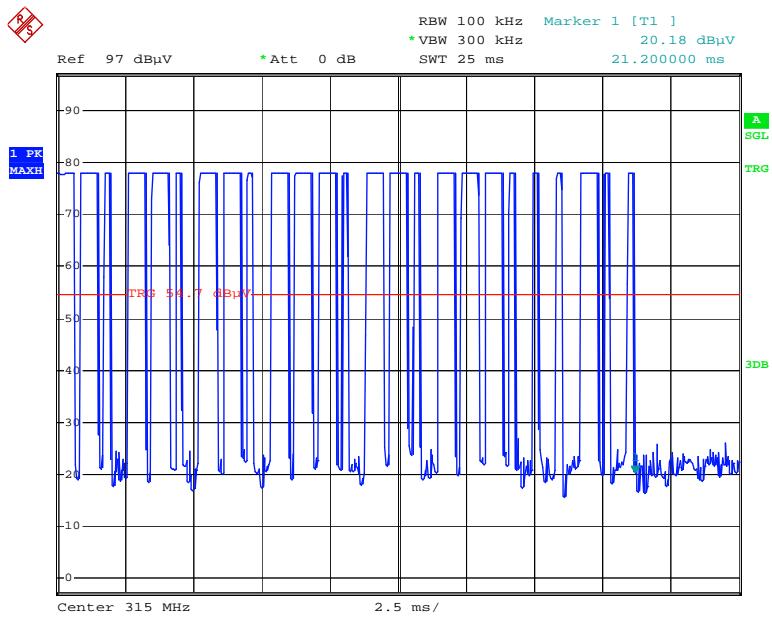
note2: $T_{on} = T_{on1} * N_1$ ($N_1=15$)

note3: Duty cycle correction factor = $20 * \log_{10}$ (duty cycle)

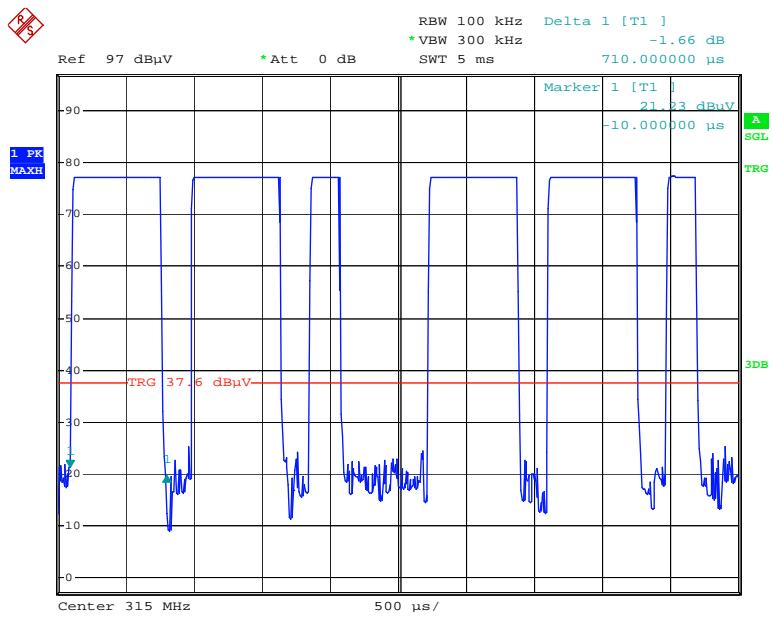
Please refer to following plot.



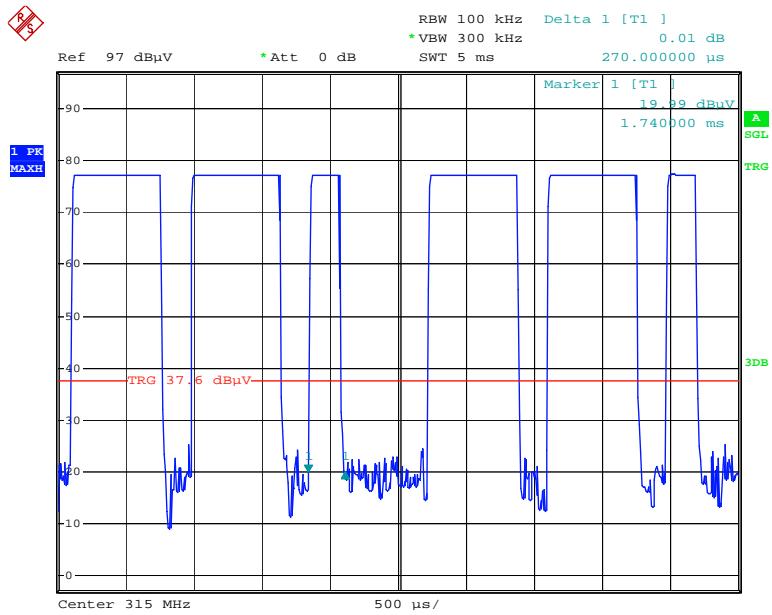
Date: 24.AUG.2014 16:22:15

315MHz, T_{pulse}

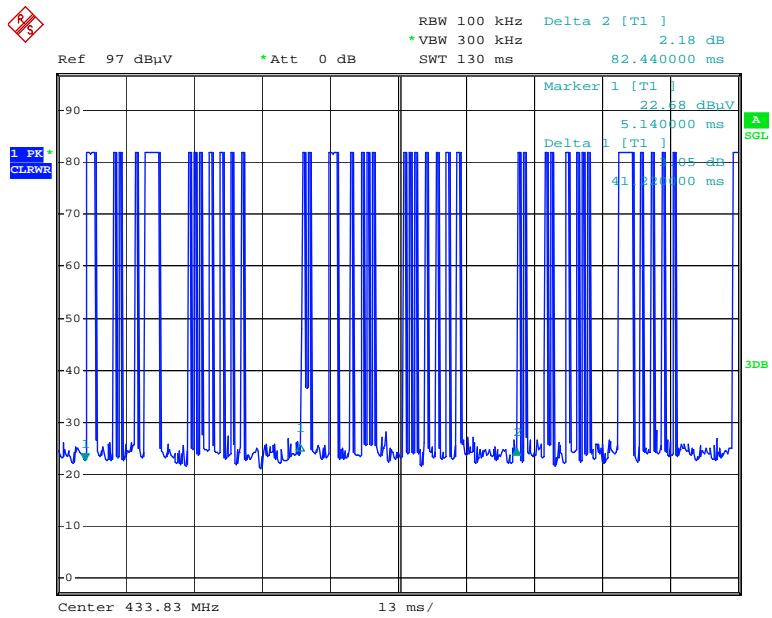
Date: 24.AUG.2014 16:24:53

315MHz, T_{on1}

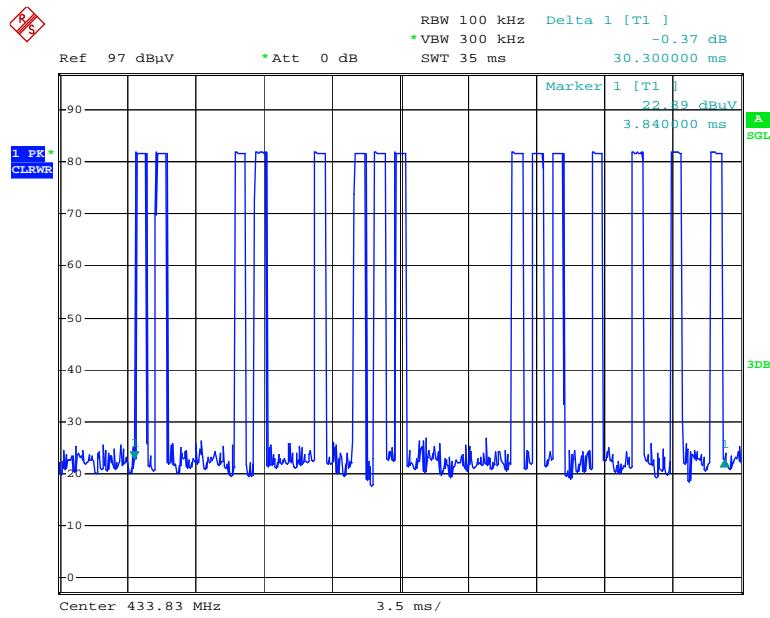
Date: 24.AUG.2014 15:36:06

315MHz, T_{on2}

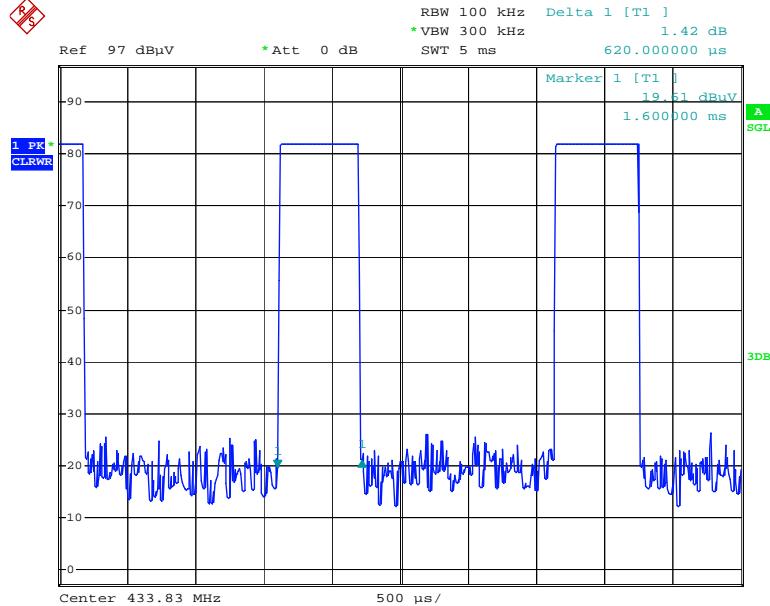
Date: 24.AUG.2014 15:36:30

433.83MHz, T_{period}

Date: 26.AUG.2014 13:32:32

433.83MHz, T_{pulse} 

Date: 26.AUG.2014 13:29:05

433.83MHz, T_{on} 

Date: 26.AUG.2014 13:27:31

FCC §15.231(c) – 20 dB BANDWIDTH TESTING

Requirement

Per 15.231(c), The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. Bandwidth is determined at the points 20 dB down from the modulated carrier.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100478	2014-05-09	2015-05-08

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Procedure

With the EUT's antenna attached, the waveform was received by the test antenna which was connected to the spectrum analyzer, plot the 20 dB bandwidth.

Test Data

Environmental Conditions

Temperature:	29.4 °C
Relative Humidity:	59 %
ATM Pressure:	100.5 kPa

The testing was performed by Allen Qiao on 2014-08-24 and 2014-08-26.

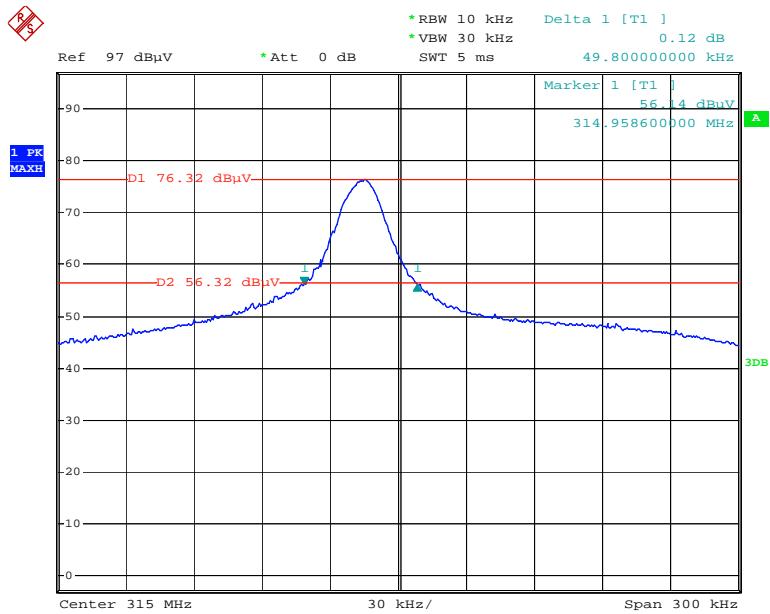
Test Mode: Transmitting

Please refer to following table and plot.

Frequency (MHz)	20 dB Bandwidth (kHz)	Limit (kHz)	Result
315	49.8	<787.5	Pass
433.83	53.4	<1084.575	Pass

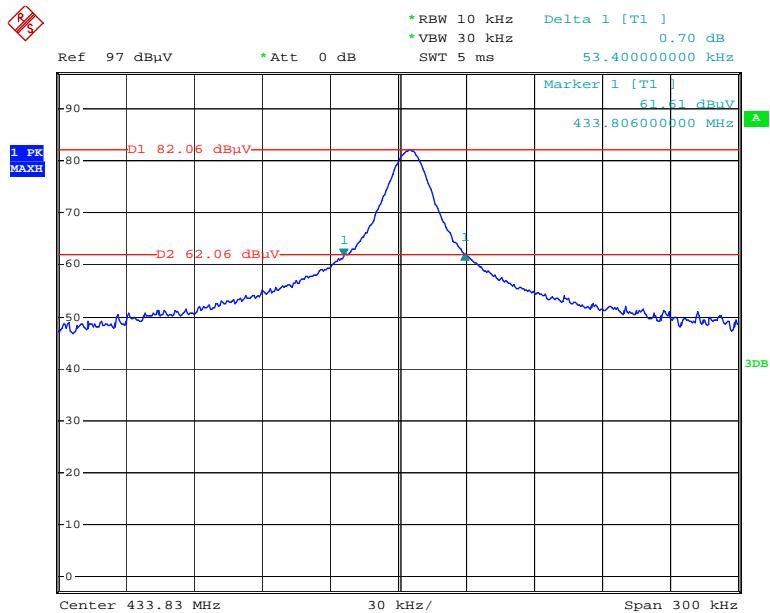
Note: Limit = 0.25% * Center Frequency

20 dB Bandwidth, 315MHz



Date: 24.AUG.2014 15:32:20

20 dB Bandwidth, 433.83MHz



Date: 26.AUG.2014 13:35:39

FCC §15.231(a) - DEACTIVATION TESTING

Applicable Standard

Per 15.231(a)(1), A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2014-05-09	2015-05-08
Sunol Sciences	Antenna	JB3	A060611-1	2011-09-06	2014-09-05
HP	Amplifier	8447E	2434A02181	2013-09-06	2014-09-05

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	28.8 °C
Relative Humidity:	65 %
ATM Pressure:	99.7 kPa

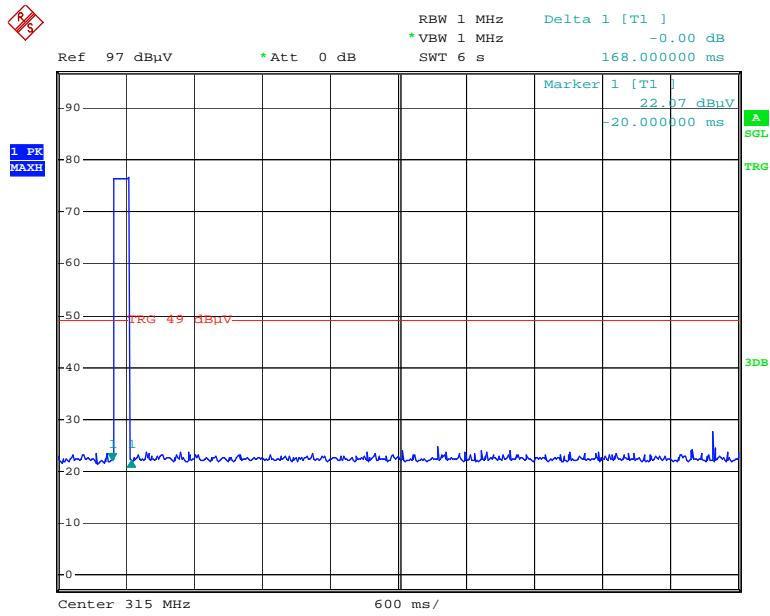
The testing was performed by Allen Qiao on 2014-07-11 and 2014-08-26.

Test Mode: Transmitting

Test Result: Compliance. Please refer to following plot.

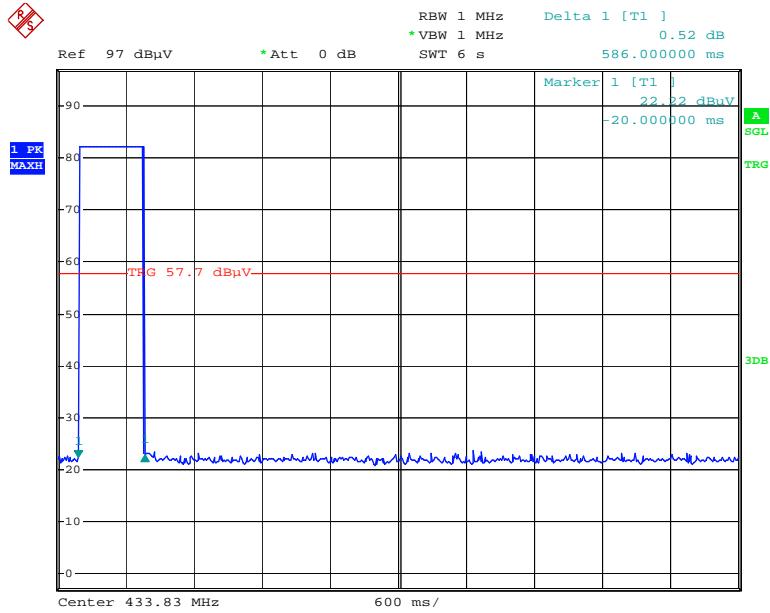
F _c	deactivation time	Limit	Result
315 MHz	0.168s	<5s	Pass
433.83 MHz	0.586s	<5s	Pass

Deactivation time, 315MHz



Date: 11.JUL.2014 11:22:11

Deactivation time, 433.82MHz



Date: 26.AUG.2014 13:41:50

DECLARATION OF SIMILARITY



Hangzhou Gubei Electronics Technology Co.,Ltd

Add: Room106, No.1 Building, No.611 Jianghong Road, Binjiang, Hangzhou, Zhejiang, China

Tel: 0571-86691817

Fax: 0571-86691817

DECLARATION OF SIMILARITY

Date : 2014-05-05

To:

Bay Area Compliance Laboratories Corp. (Dongguan)

No.69 Pulong VillagePuxinhu Industry ZoneTangxia,

Dongguan, China

<http://www.baclcorp.com>

Dear Sir or Madam:

We, Hangzhou Gubei Electronics Technology Co., Ltd, hereby declare that product: E-Remote, model: RM1, RM 3, RM Home and RM2 is electrically identical with the same electromagnetic emissions and electromagnetic compatibility characteristics as model name: RM Pro which was tested by BACL . They are different in model name.

Please contact me should there be need for any additional clarification or information.

Best Regards,

Signature:



Nancy .Shao

Title:Manager

*****END OF REPORT*****