





ISO/IEC17025 Accredited Lab.

Report No: FCC1402032 File reference No: 2014-02-20

Applicant: Grace Wood INC

Product: Sliding Rail Frame

Model No: SRF1

Brand Name: Sliding Rail Frame

Test Standards: FCC Part 15 Subpart C, Paragraph 15.249

Test result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.4&FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of

electromagnetic compatibility

Approved By

Jack Chung

Jack Chung

Manager

Dated: Feb 20, 2014

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

East 5/Block 4, Anhua Industrial Zone, No.8, Tairan Rd. CheGongMiao, FuTian District, Shenzhen, CHINA.

Tel (755) 83448688, Fax (755) 83442996, E-mail: info@timewaytech.com

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Date: 2014-02-20



Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 899988

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 899988.

IC- Registration No.: IC5205A-02

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration IC No.: 5205A-02.

Date: 2014-02-20



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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

Address: 5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd.CheGongMiao,FuTian District,

Shenzhen, CHINA.

Telephone: (755) 83448688 Fax: (755) 83442996

Site on File with the Federal Communications Commission – United Sates

Registration Number: 899988

For 3m & 10 m OATS

Site Listed with Industry Canada of Ottawa, Canada

Registration Number: IC: 5205A-02

For 3m & 10 m OATS

1.2 Applicant Details

Applicant: Grace Wood INC

Address: 2225South 3200West Salt Lake City, UT 84119, USA

Telephone: 801-485-2288 Fax: 801-908-8888

1.3 Description of EUT

Product: Sliding Rail Frame
Manufacturer: Grace Wood INC

Address: 2225South 3200West Salt Lake City, UT 84119, USA

Brand Name: Sliding Rail Frame

Model Number: SRF1
Additional Model Name N/A
Additional Trade Name N/A
Rating: DC12V
Modulation Type: MSK

Operation Frequency 2423MHz-2478MHz

Antenna Designation PCB Antenna with Gain 0dBi

Power Supply: Model: KWT-60W-120200; Input: 100-240V~, 50/60Hz; Output: DC12V, 2A

1.4 Submitted Sample

1 Sample

1.5 Test Duration

2014-02-13 to 2014-02-19

The report refers only to the sample tested and does not apply to the bulk.

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1.6 Test Uncertainty Conducted Emissions Uncertainty =3.6dB Radiated Emissions Uncertainty =4.7dB

1.7 Test Engineer

Date: 2014-02-20

Terry Tang The sample tested by

Print Name: Terry Tang

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2.0	0 Test Equipments					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date	
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2013-08-23	2014-08-22	
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2013-08-23	2014-08-22	
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2013-08-23	2014-08-22	
Ultra Broadband ANT	ROHDE&SCHWARZ	HL562	100157	2013-08-25	2014-08-24	
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2013-08-23	2014-08-22	
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2013-08-24	2014-08-23	
System Controller	CT	SC100	•			
Printer	EPSON	РНОТО ЕХЗ	CFNH234850			
Computer	IBM	8434	1S8434KCE99BLXL O*	-	-	
Loop Antenna	EMCO	6502	00042960	2013-08-23	2014-08-22	
ESPI Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2013-08-23	2014-08-22	
3m OATS			N/A	2013-08-22	2014-08-21	
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170265	2013-08-24	2014-08-23	
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-631	2013-08-24	2014-08-23	
Power meter	Anritsu	ML2487A	6K00003613	2013-08-24	2014-08-23	
Power sensor	Anritsu	MA2491A	32263	2013-08-24	2014-08-23	
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2013-08-24	2014-08-23	
LISN	AFJ	LS16C	10010947251	2013-08-23	2014-08-22	
LISN (Three Phase)	Schwarebeck	NSLK 8126	8126453	2013-08-23	2014-08-22	
9*6*6 Anechoic			N/A	2013-08-22	2014-08-21	
EMI Test Receiver	RS	ESCS30	100139	2013-08-23	2014-08-22	
LISN	AFJ	LS16C	10010947251	2013-08-23	2014-08-22	
LISN (Three Phase)	Schwarebeck	NSLK 8126	8126453	2013-08-23	2014-08-22	

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3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:

Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.207	Conducted Emission Test	PASS	Complies
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	PASS	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	PASS	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	PASS	Complies

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249

4.0 EUT Modification

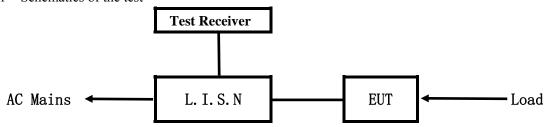
No modification by Shenzhen Timeway Technology Consulting Co.,Ltd

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

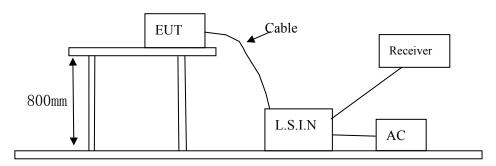


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2003. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 500hm/50uH as specified by section 5.1 of ANSI C63.4 –2003.

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2003. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

One channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
Sliding Rail Frame	Grace Wood INC	SRF1	2ABVT-SRF1

B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

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C. Peripherals

Device	Manufacturer	Model	FCC ID/DOC	Cable
N/A				

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2003

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Eraguanay (MHz)	Class A Lir	nits (dB µ V)	Class B Limits (dB \(\mu \)		
Frequency(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level	
$0.15 \sim 0.50$	79.0	66.0	66.0~56.0*	56.0~46.0*	
$0.50 \sim 5.00$	73.0	60.0	56.0	46.0	
$5.00 \sim 30.00$	73.0	60.0	60.0	50.0	

Notes:

- 1. *Decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

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A: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Keep Transmitting

Equipment Level: Class B

Results: PASS

Please refer to following diagram for individual



Frequency	Line	Reading(dBμV)	Limit(dBμV)
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.176	Live	57.33	30.83	64.63	54.63
0.236	Live	45.69	17.09	62.23	52.23
3.936	Live	39.37	27.17	56.00	46.00
23.025	Live	44.48	36.68	60.00	50.00

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

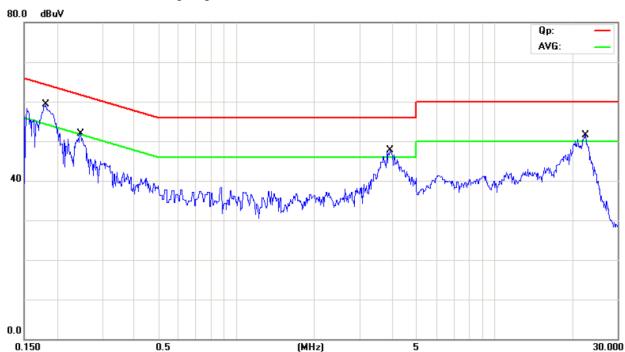
Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Keep Transmitting

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



, ,					
Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.180	Neutral	55.43	38.23	64.46	54.46
0.247	Neutral	47.60	31.80	61.83	51.83
3.903	Neutral	41.26	26.46	56.00	46.00
22.307	Neutral	43.64	35.04	60.00	50.00

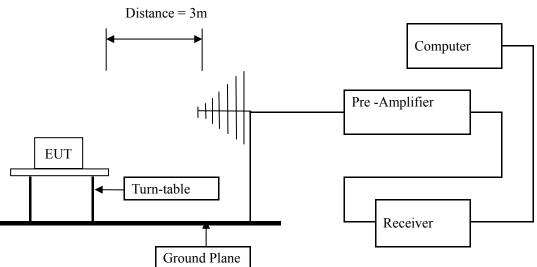
Date: 2014-02-20



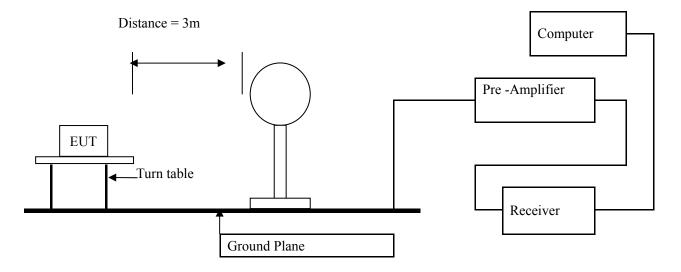
6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.4-2003.
- (3) The frequency spectrum from 30 MHz to 1 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup



Block diagram of Test setup for frequency below 30MHz



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6.2 Configuration of The EUT Same as section 5.3 of this report

6.3 EUT Operating Condition Same as section 5.4 of this report.

6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency	Field Stre	Field Strength of Fundamental (3m)			trength of Harmo	nics (3m)
(MHz)	mV/m	dBuV/m		uV/m	dBu	V/m
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note:

- 1. RF Field Strength (dBuV) = 20 log RF Voltage (uV)
- 2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- 3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

Frequency Range (MHz)	Distance (m)	Field strength (dB µ V/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
- 2. In the Above Table, the tighter limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. New batteries were installed in the equipment under test for radiated emission testing.
- 5. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK and AV detector.
- 6. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

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6.5 Test result

Fundamental & Harmonics Radiated Emission Data \mathbf{A}

Product:	Sliding Rail Frame	Test Mode:	Low Channel- keep transmitting
Test Item:	Fundamental Radiated Emission	Temperature:	25℃
	Data		
Test Voltage:	DC12V	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin	
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)	
2423	81.41(PK)	Н	114/94	-12.59	
2423	83.75(PK)	V	114/94	-10.25	
4846		H/V	74/54		
7269	H/V 74/54		74/54		
9692		H/V 74/54			
12115		H/V	74/54		
14538	538 H/V 74/54		74/54		
16961		H/V	74/54		
19384		H/V	74/54		
21807		H/V	74/54		
24230		H/V	74/54		

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Product:	Sliding Rail Frame	Test Mode:	Middle Channel- keep transmitting
Test Item:	Fundamental Radiated Emission	Temperature:	25℃
	Data		
Test Voltage:	DC12V	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2450	82.42(PK)	Н	114/94	-11.58
2450	83.97 (PK)	V	114/94	-10.03
4900		Н	74/54	
7350		V	74/54	
9800		H/V	74/54	
12250		H/V	74/54	
14700	4700 H/V 7		74/54	
17150		H/V	74/54	
19600		H/V	74/54	
22050		H/V	74/54	
24500		H/V	74/54	

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Product:	Sliding Rail Frame	Test Mode:	High Channel- keep transmitting
Test Item:	Fundamental Radiated Emission	Temperature:	25℃
	Data		
Test Voltage:	DC12V	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2478	82.76(PK)	V	114/94	-11.24
2478	84.08(PK)	Н	114/94	-9.92
4956		H/V	74/54	
7434	H/V 74/54		74/54	
9912		H/V 74/54		
12390		H/V	74/54	
14868		H/V	74/54	
17346		H/V	74/54	
19824		H/V	74/54	
22302		H/V	74/54	
24780		H/V	74/54	

Note:

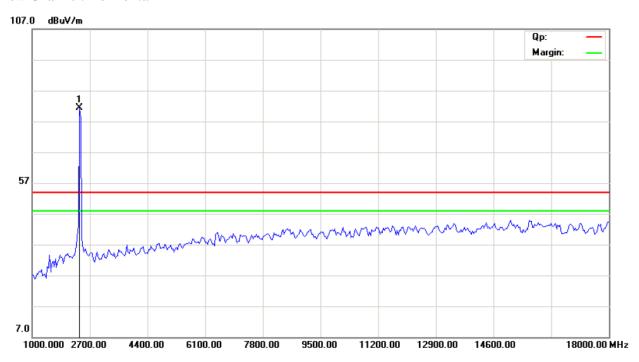
- (1) PK= Peak, AV= Average
- (2) Emission Level = Reading Level + Antenna Factor + Cable Loss.
- (3)Margin=Emission-Limits
- (4)According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) The measured PK value less than the AV limit.

Date: 2014-02-20

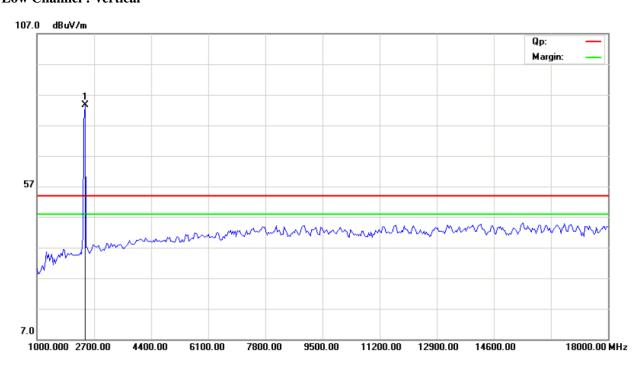


Please refer to the following test plots for details:

Low Channel: Horizontal



Low Channel: Vertical



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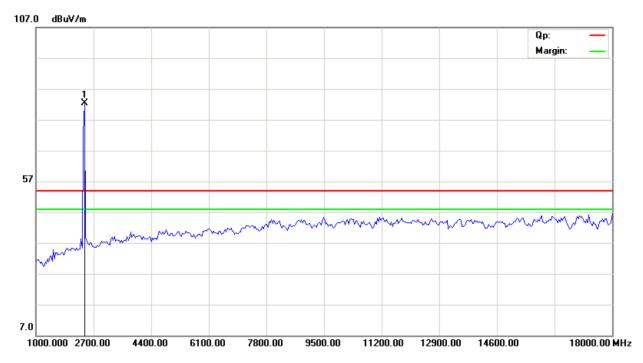
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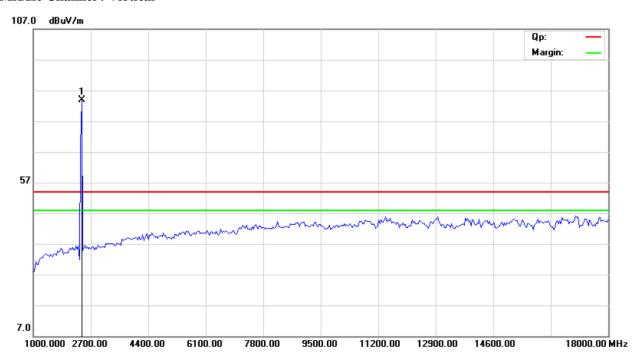
Date: 2014-02-20



Middle Channel: Horizontal



Middle Channel: Vertical



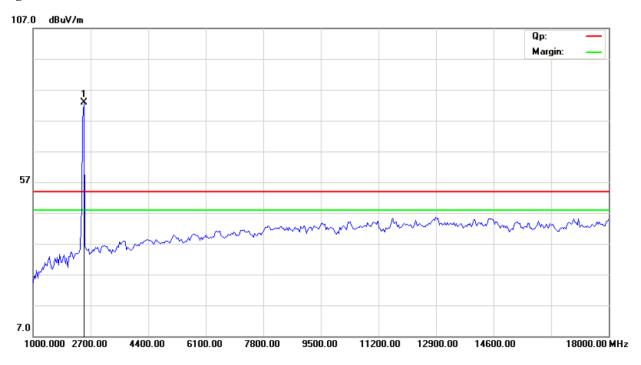
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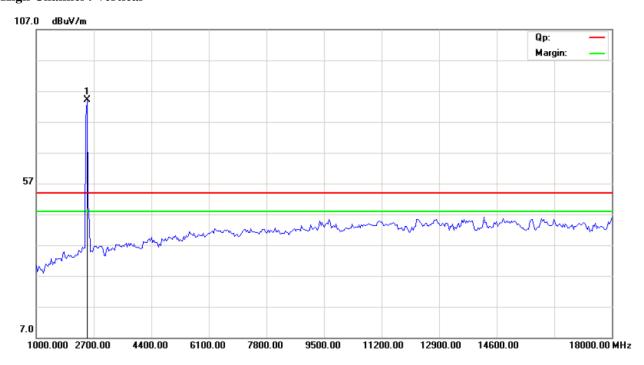
Date: 2014-02-20



High Channel: Horizontal



High Channel: Vertical



Note: for the radiated emissions from 18-25GHz, it was the floor noise.

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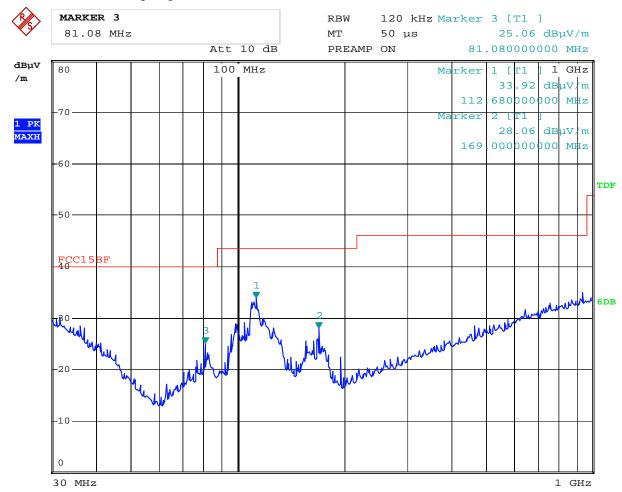


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



Date: 19.FEB.2014 17:46:08

Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB μ V/m)
112.680 33.92		Н	43.50
169.000	28.06	Н	43.50
81.080	25.06	Н	40.00

The report refers only to the sample tested and does not apply to the bulk.

Date: 2014-02-20

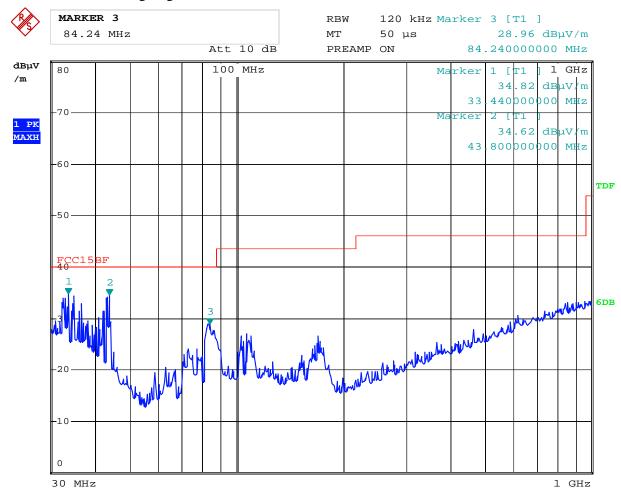


Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

Results: Pass

Please refer to following diagram for individual



Date: 19.FEB.2014 17:43:51

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \u03b4 V/m)
33.440 34.82		V	40.00
43.800	34.62	V	40.00
84.240	28.96	V	40.00

Date: 2014-02-20

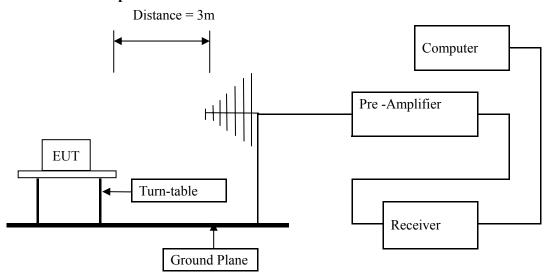


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) Set Spectrum as RBW=VBW=1MHz and Peak detector used
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

7. 2 Radiated Test Setup



For the actual test configuration, please refer to the related items – Photos of Testing

7.3 Configuration of The EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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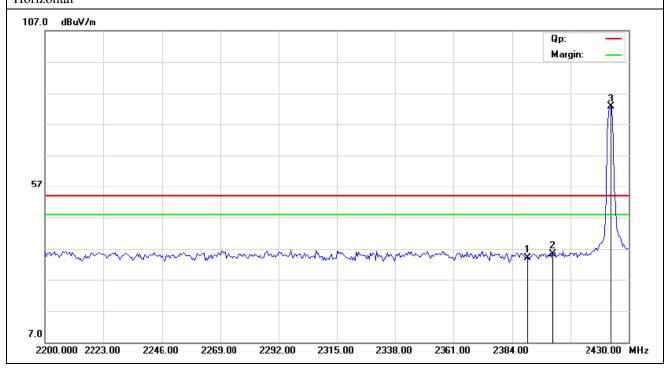
Date: 2014-02-20



7.6 Test Result

Product:	Sliding 1	Rail Frame	Test Mode:	Low Channel- keep transmitting	
Mode	Keeping	Transmitting	Test Voltage	DC12V	
Temperature	24 deg. C,		Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2200MHz	PK (dBμV/m)	34.14	Limit	74(dBμV/m)	
2390MHz	AV(dBμV/m)		Limit	54(dBμV/m)	

Horizontal



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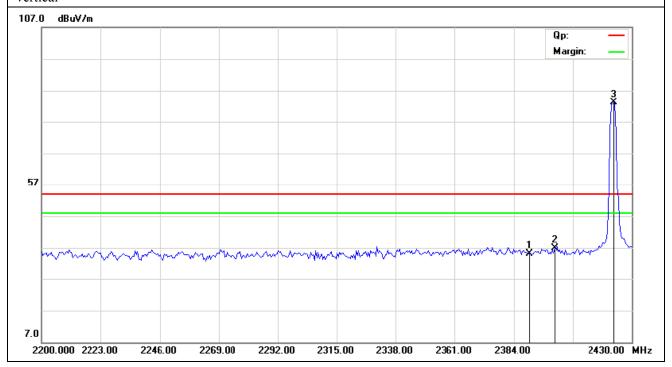
Report No: FCC1402032

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Product:	Sliding	Rail Frame	Test Mode:	Low Channel- keep transmitting
Mode	Keeping	Γransmitting	Test Voltage	DC12V
Temperature	24 0	leg. C,	Humidity	56% RH
Test Result:	Pass		Detector	PK
2200MHz	PK (dBμV/m)	35.16	Limit	$74(dB\mu V/m)$
2390MHz	AV(dBμV/m)		Limit	54(dBμV/m)

Vertical



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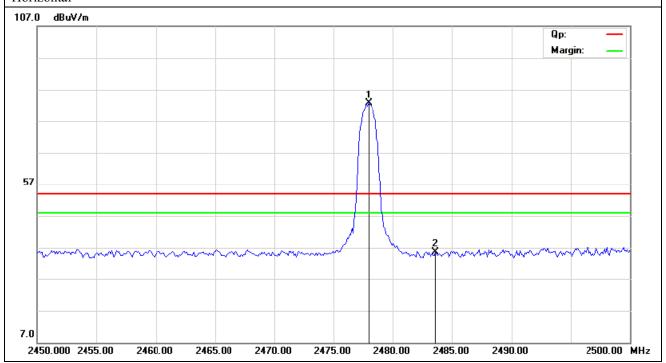
Report No: FCC1402032

Date: 2014-02-20



Product:	Sliding	Rail Frame	Test Mode:	High Channel- keep transmitting	
Mode	Keeping Transmitting		Test Voltage	DC12V	
Temperature	24 0	leg. C,	Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2492 5MH-	PK (dBμV/m)	35.56	Limit	$74(dB\mu V/m)$	
2483.5MHz	$AV(dB\mu V/m)$		Limit	54(dBμV/m)	

Horizontal



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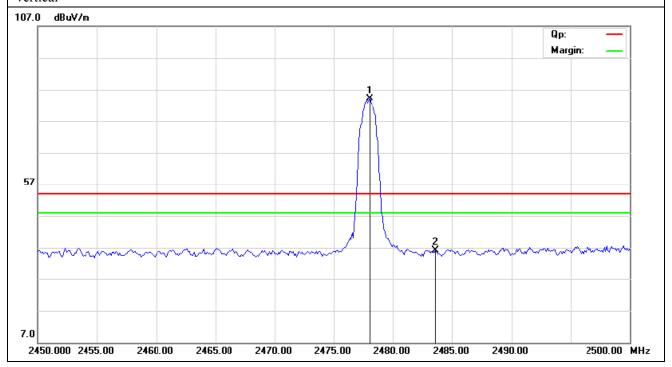
Report No: FCC1402032

Date: 2014-02-20



Product:	Sliding	Rail Frame	Test Mode:	High Channel- keep transmitting
Mode	Keeping	Transmitting	Test Voltage	DC12V
Temperature	24 0	leg. C,	Humidity	56% RH
Test Result:	Pass		Detector	PK
2492 5MH=	PK (dBμV/m)	36.06	Limit	$74(dB\mu V/m)$
2483.5MHz	AV(dBμV/m)		Limit	54(dBμV/m)

Vertical



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8.0 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.

This product has a PCB Antenna. The antenna gain is 0dBi. It fulfills the requirement of this section.

Test Result: Pass

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Produ	ct:		Sliding l	Rail Fram	ne	Te	Test Mode:		Low Channel- keep transmittin		
Mod	le		Keeping T	Fransmitt	ing	Tes	st Voltage		DC12V		
Tempera	ature		24 c	leg. C,		Н	lumidity		56%	6 RH	
Test Re	sult:		P	ass		Ι	Detector		F	ΥK	
0dB Ban	dwidth		75	0kHz							
%	DELTA MARKER 2 750 kHz Ref 0 dBm			*Att 1	0 dB		30 kHz 100 kHz 5 ms		Delta 2 [T1] -0.11 dB 750.000000000 kHz		
1 PK	010							Marker 2 Marker	-47 .425453 3 [T1] .77 dBm 000 GHz	A
МАХН	20				3	Λ.		2	-27 .425771	.99 dBm	
	40	D1 -47.	99 dBm—	1	V	M	2				
	60			√			1 July				3DB
	70 80	Mulm	M					hhan/y	Mh	Mura	
	90										
	-100 Center	r 2.425885 GHz			300	300 kHz/			Span 3 MHz		

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Product:		Sliding Rail Frame					t Mode:	Middle Channel-keep transmittin				
Mode		Keeping Transmitting					Voltage	DC12V				
Temperature		24 deg. C,					ımidity	56% RH				
Test Result:			I	Pass		De	etector	PK				
20dB Bandwidth		750kHz										
	750 k	MARKER Hz dBm		*Att 1	0 dB		30 kHz 100 kHz 5 ms	Delta 2 [T1] 0.68 dB 750.000000000 kHz				
	0							Marker	-44] .75 dBm 000 GHz	A	
1 PK MAXH	20							Marker 2	-24] .53 dBm 000 GHz		
	30)	my						
	40	D1 -44.	53 dBm-	1	$\mathcal{N}_{\mathcal{N}}$		\mathcal{M}^2					
	50			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			 \ \	h Nhy	_		3DB	
	-40 <u>-</u> 40		MM					W	My	<u> </u>		
	80									• • •		
	90											
	-100	2.45076				kHz/	<u> </u>			an 3 MHz	ļ	

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Product: Mode Temperature Test Result:		Sliding Rail Frame					st Mode:	High Channel- keep transmitt				
		Keeping Transmitting 24 deg. C, Pass				Test	Test Voltage Humidity Detector		DC12V 56% RH PK			
						Hun						
						D						
OdB Bandwidth			72	0kHz								
V \$/	DELTA MARKER 2 720 kHz Ref 0 dBm						30 kHz .00 kHz 5 ms	Delta 2 [T1] -1.48 dB 720.000000000 kHz				
1 PK	10				3			Marker 2 Marker	-39 . 477718 3 [T1] .96 dBm <u>000 GHz</u>] .45 dBm		
	30			1/\ 0				2	. 4780061	000 GHz		
	50	D1 -40.	45 dBm		V		W.					
 И	V ₀	MMINION						MM	Month of the second	many pr	3DB	
	90											
<u> </u>	enter	2.47815	6 GHz		300	kHz/				n 3 MHz		

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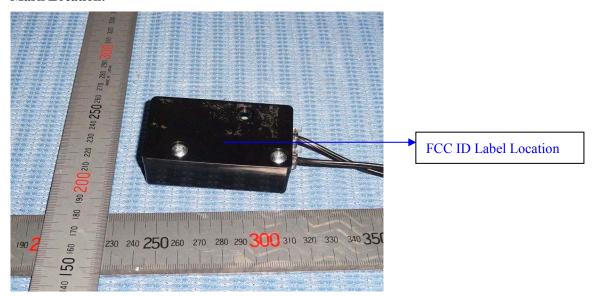
10.0 FCC ID Label

FCC ID: 2ABVT-SRF1

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



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11.0 Photo of testing

11.1 Conducted test View--



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11.2 Radiated emission test view





The report refers only to the sample tested and does not apply to the bulk.

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Photographs - EUT

Outside View





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Outside View





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Outside View





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Outside View





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Interior View





-- End of the report--

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