FCC TEST REPORT

according to

FCC Part 15, Subpart C (15.249) / ANSI C63.4: 2009

Applicant Good Way Technology Co., Ltd.

3F, No. 135, Ln. 235, Baociao Rd., Sindian Address

Dist., New Taipei City, Taiwan

Equipment **Power Monitor Switch**

Model No. TD1200Z1

FCC ID SW8TD1200

Trade Name: **Good Way**

The test result refers exclusively to the test presented test model / sample.,

Without written approval of Cerpass Technology Corp. the test report shall not be reproduced except in full.

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: Oct. 03, 2012

Issued Date

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History of this test report

■ ORIGINAL.

 \square Additional attachment as following record:

Attachment No.	Issue Date	Description
TEFI1209111	Oct. 03, 2012	Original.

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CERTIFICATE OF COMPLIANCE

according to

FCC Part 15, Subpart C (15.249) / ANSI C63.4: 2009

Applicant : Good Way Technology Co., Ltd.

Address 3F, No. 135, Ln. 235, Baociao Rd., Sindian

Dist., New Taipei City, Taiwan

Equipment : Power Monitor Switch

Model No. : TD1200Z1

FCC ID : SW8TD1200

I HEREBY CERTIFY THAT:

The measurements shown in this test report were made in accordance with the procedures given in ANSI C63.4. The equipment was *passed* the test performed according to FCC Part 15, Subpart C (15.249) / ANSI C63.4: 2009.

The test was carried out on Sep. 26, 2012 at Cerpass Technology Corp.

Approved by: Tested by:

Hill Chen

EMC/RF B.U. Assistant Manager

Ben Lu

Engineer

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1. Report of Measurements and Examinations

1.1. List of Measurements and Examinations

FCC Rule	Test Type	Result	Remark
15.207	Conducted Emission	Pass	Minimum Passing margin is (AVG) -13.94dB at 1.3060 MHz
15.209 15.249	Radiated Emission	Pass	Minimum Passing margin is -3.17dB at 947.50 MHz

Note: the information of measurement uncertainty is available upon the customer's request.

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2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

- Protect the house automatically via cutting off the power when the appliance overloads. (When Red LED is flashing, it enters "overload protection" mode)
- Users can define the value of overload to decide when it should cut off the power of appliance.
- Using a patent design to reduce the spark when users turn on the appliance and extend appliance's lifetime.
- Show the power consumptions of electronic appliance that plug into this product.
- Calculate the cost of power consumed in time periods of hour, day, week, month and year.
- Display the values of the measurements on the remote site.
- Support electronic appliance with maximum loading of 1600W.

2.2. Test Mode and Test Software

- a. During testing, the interface cables and equipment positions were varied according to ANSI C63 4
- b. The complete test system included EUT for RF test.
- c. The EUT was executed to keep transmitting and receiving data via Wireless.
- d. The following test mode were performed for conduction and radiation test:
 - GFSK 908.42MHz (Transmitting / Receive)

2.3. Description of Test System

No supporting system during the test.

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3. General Information of Test

Test Site :	Cerpass Technology Corp.			
	2F-11, No. 3, Yuan Qu St. (Nankang Software Park),			
	Taipei, Taiwan 115, R.O.C.			
Test Site Location	No. 68-1, Shibachong Si, Shihding Township,			
(OATS2-SD):	Taipei County, Taiwan, R.O.C.			
FCC Registration Number :	TW1049, TW1061, 390316, 488071			
IC Registration Number :	4934B-1, 4934D-1			
	T-1173 for Telecommunication Test			
VOOL De mintrotie a Neverla	C-4139 for Conducted emission test			
VCCI Registration Number :	R-3428 for Radiated emission test			
	G-97 for Radiated emission test above 1GHz			
	Conducted Emission Test: from 150kHz to 30 MHz			
Frequency Range Investigated:	Radiated Emission Test: from 30 MHz to 25000 MHz			
	Nadatod Efficient foot. Holl of Wilz to 20000 Wilz			
Modulation Type:	GFSK			
Test Distance:	The test distance of radiated emission above 1GHz from antenna to EUT is 3 M.			
Laboratory Accreditation:	NVLAP LAB CODE: 200954-0			

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4. Test of Conducted Emission

4.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2009 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB µ V)
0.15 – 0.5	66-56*	56-46*
0.5 - 5.0	56	46
5.0 - 30.0	60	50

^{*}Decreases with the logarithm of the frequency.

4.2. Test Procedures

- a. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- b. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- c. All the support units are connecting to the other LISN.
- d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- e. The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- f. Both sides of AC line were checked for maximum conducted interference.
- g. The frequency range from 150 kHz to 30 MHz was searched.
- h. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

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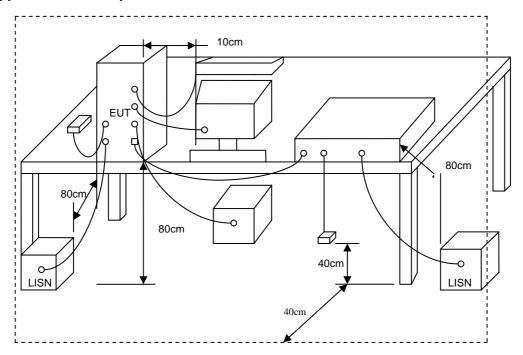
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4.3. Typical Test Setup



4.4. Measurement Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	100443	2012/01/12	2013/01/11
LISN	Schwarzbeck	NSLK 8127	8127-516	2012/03/08	2013/03/07
LISN	Schwarzbeck	NSLK 8127	8127-568	2012/08/22	2013/08/21

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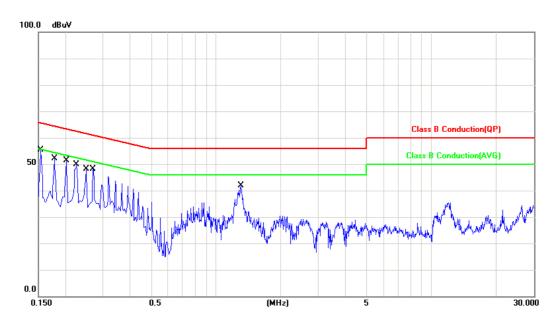
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4.5. Test Result and Data

Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 1	:	Transmitting / Receive	Temperature		24 °C
Test Date	:	Sep. 26, 2012	Humidity		60 %
Memo	:	GFSK 908.42MHz			



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1539	0.22	48.88	49.10	65.78	-16.68	QP	Р
2	0.1539	0.22	34.75	34.97	55.78	-20.81	AVG	Р
3	0.1780	0.22	47.23	47.45	64.57	-17.12	QP	Р
4	0.1780	0.22	34.18	34.40	54.57	-20.17	AVG	Р
5	0.2020	0.22	46.33	46.55	63.52	-16.97	QP	Р
6	0.2020	0.22	32.84	33.06	53.52	-20.46	AVG	Р
7	0.2260	0.22	43.87	44.09	62.59	-18.50	QP	Р
8	0.2260	0.22	31.66	31.88	52.59	-20.71	AVG	Р
9	0.2500	0.22	43.11	43.33	61.75	-18.42	QP	Р
10	0.2500	0.22	30.72	30.94	51.75	-20.81	AVG	Р
11	0.2700	0.22	43.33	43.55	61.12	-17.57	QP	Р
12	0.2700	0.22	31.43	31.65	51.12	-19.47	AVG	Р
13	1.3060	0.32	37.48	37.80	56.00	-18.20	QP	Р
14	1.3060	0.32	31.74	32.06	46.00	-13.94	AVG	Р

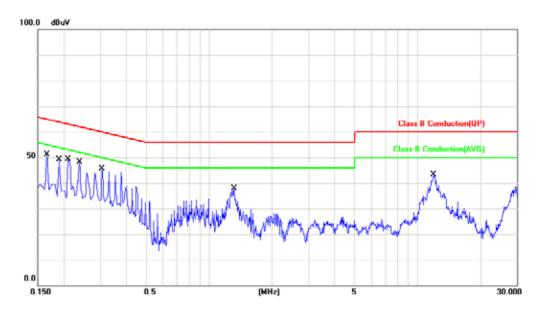
Note: Level = Reading + Factor Margin = Level - Limit

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Power	:	AC 120V	Pol/Phase :	NEUTRAL
Test Mode 1	:	Transmitting / Receive	Temperature :	24 °C
Test Date	:	Sep. 26, 2012	Humidity :	60 %
Memo	:	GFSK 908.42MHz		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1660	0.17	47.41	47.58	65.15	-17.57	QP	Р
2	0.1660	0.17	34.52	34.69	55.15	-20.46	AVG	Р
3	0.1900	0.18	44.31	44.49	64.03	-19.54	QP	Р
4	0.1900	0.18	31.49	31.67	54.03	-22.36	AVG	Р
5	0.2100	0.18	44.57	44.75	63.20	-18.45	QP	Р
6	0.2100	0.18	31.75	31.93	53.20	-21.27	AVG	Р
7	0.2380	0.18	43.53	43.71	62.16	-18.45	QP	Р
8	0.2380	0.18	31.67	31.85	52.16	-20.31	AVG	Р
9	0.3060	0.18	40.52	40.70	60.08	-19.38	QP	Р
10	0.3060	0.18	29.78	29.96	50.08	-20.12	AVG	Р
11	1.3180	0.28	32.81	33.09	56.00	-22.91	QP	Р
12	1.3180	0.28	26.43	26.71	46.00	-19.29	AVG	Р
13	11.9620	0.76	32.75	33.51	60.00	-26.49	QP	Р
14	11.9620	0.76	24.73	25.49	50.00	-24.51	AVG	Р

Note: Level = Reading + Factor Margin = Level - Limit

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5. Test of Radiated Emission

5.1. Test 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 § 15.209, whichever is the lesser attenuation.

	<u> </u>	
Frequency (MHz)	Distance	Limit (µV/ m)
0.09 ~ 0.490	300m	2400/F(kHz)
0.490 ~ 1.705	30m	24000/ F(kHz)
1.705 ~ 30	30m	30
30 ~ 88	3m	100
88 ~ 216	3m	150
216 ~ 960	3m	200
Above 960	3m	500

Fundamental Frequency:

Fundamental Frequency (MHz)	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
2400-2483.5	50	500
5725-5875	50	500
24000-24250	250	2500

5.2. Test Procedures

- The EUT was placed on a rotatable table top 0.8 meter above ground.
- The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The table was rotated 360 degrees to determine the position of the highest radiation.
- d. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.

 e. For each suspected emission the EUT was arranged to its worst case and then tune the
- antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- h. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

 "Cone of radiation" has been considered to be 3dB beamwidth of the measurement
- antenna.

NOTE:

- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for
- Peak detection at frequency above 1GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.

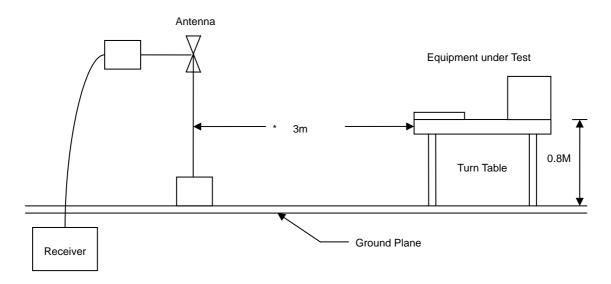
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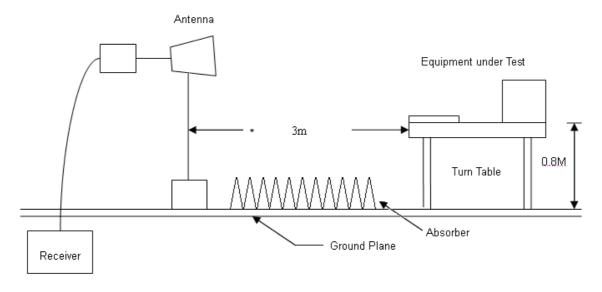


5.3. Typical Test Setup Layout of Radiated Emission

Below 1GHz Test Setup



Above 1GHz Test Setup



5.4. Measurement equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Amplifier	Agilent	8447D	2944A10531	2012/01/13	2013/01/12
Bilog Antenna	Schaffner	CBL6112D	22242	2012/01/12	2013/01/11
EMI Receiver	R&S	ESCI	101200	2012/07/31	2013/07/30
Spectrum Analyzer	R&S	FSP40	100047	2012/03/01	2013/02/28
Horn Antenna	EMCO	3115	31589	2012/03/01	2013/02/28
Preamplifier	Agilent	8449B	3008A01954	2012/02/29	2013/02/28

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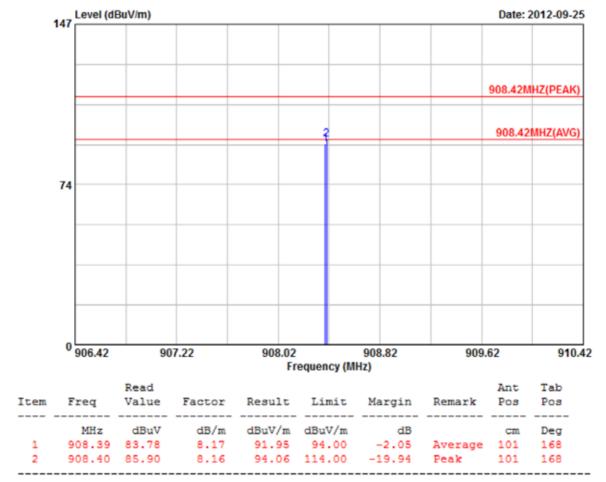
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5.5. Test Result and Data

5.5.1. Test Result of Fundamental Emission

Power :	AC 120V	Pol/Phase :	VERTICAL
Test Mode :	Transmitting / Receive	Temperature :	24 °C
Operation Channel :	908.42MHz	Humidity :	61 %
Modulation Type :	GFSK	Atmospheric Pressure :	1019 hPa



Notes:

- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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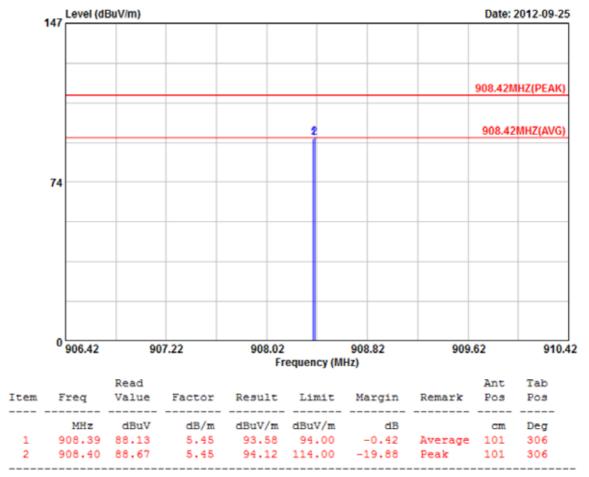
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Power	:	AC 120V	Pol/Phase :	HORIZONTAL
Test Mode	:	Transmitting / Receive	Temperature :	24 °C
Operation Channel	:	908.42MHz	Humidity :	61 %
Modulation Type	:	GFSK	Atmospheric Pressure :	1019 hPa



- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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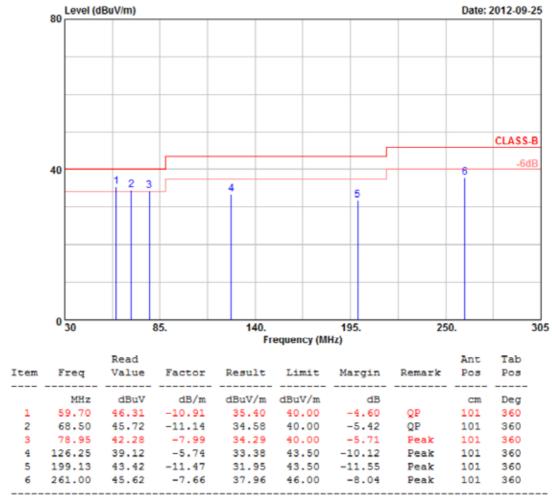
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5.5.2. Test Result of Unwanted Spurious emission

Power :	AC 120V	Pol/Phase	:	VERTICAL
Test Mode :	Transmitting / Receive	Temperature	:	24 °C
Operation Channel :	908.42MHz	Humidity	:	61 %
Modulation Type :	GFSK	Atmospheric Pressure	:	1019 hPa



Notes:

- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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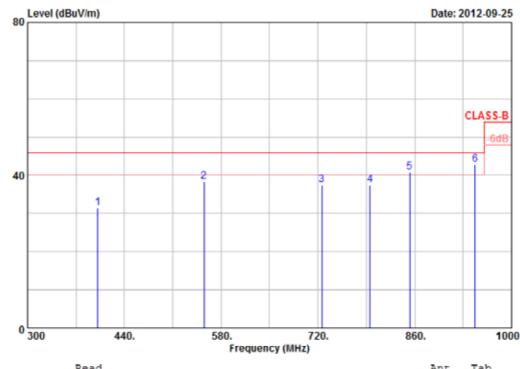
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Power :	AC 120V	Pol/Phase	:	VERTICAL
Test Mode :	Transmitting / Receive	Temperature	:	24 °C
Operation Channel :	908.42MHz	Humidity	:	61 %
Modulation Type :	GFSK	Atmospheric Pressure	:	1019 hPa



		Read						Ant	Tab	
Item	Freq	Value	Factor	Result	Limit	Margin	Remark	Pos	Pos	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg	
1	401.50	37.03	-5.54	31.49	46.00	-14.51	Peak	101	0	
2	555.50	30.73	7.64	38.37	46.00	-7.63	Peak	101	0	
3	725.60	31.35	6.12	37.47	46.00	-8.53	Peak	101	0	
4	795.60	31.33	6.06	37.39	46.00	-8.61	Peak	101	0	
5	853.00	31.18	9.53	40.71	46.00	-5.29	Peak	101	0	
6	947.50	32.43	10.40	42.83	46.00	-3.17	Peak	101	0	

- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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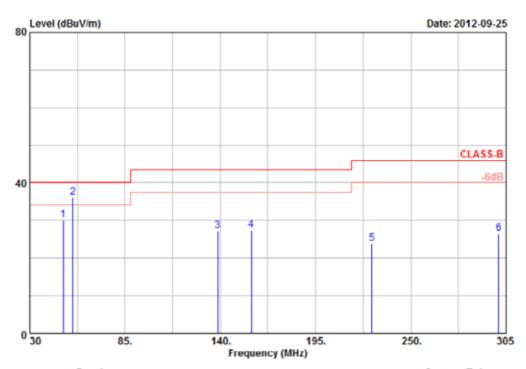
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Test Mode	:	Transmitting / Receive	Temperature :	24 °C
Operation Channel	:	908.42MHz	Humidity :	61 %
Modulation Type	:	GFSK	Atmospheric Pressure :	1019 hPa



		Read						Ant	Tab
Item	Freq	Value	Factor	Result	Limit	Margin	Remark	Pos	Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	49.25	39.11	-8.92	30.19	40.00	-9.81	Peak	101	360
2	54.75	47.81	-11.60	36.21	40.00	-3.79	Peak	101	360
3	138.63	41.80	-14.67	27.13	43.50	-16.37	Peak	101	360
4	157.88	44.02	-16.64	27.38	43.50	-16.12	Peak	101	360
5	227.45	38.81	-14.95	23.86	46.00	-22.14	Peak	101	360
6	300.88	38.57	-12.09	26.48	46.00	-19.52	Peak	101	360

- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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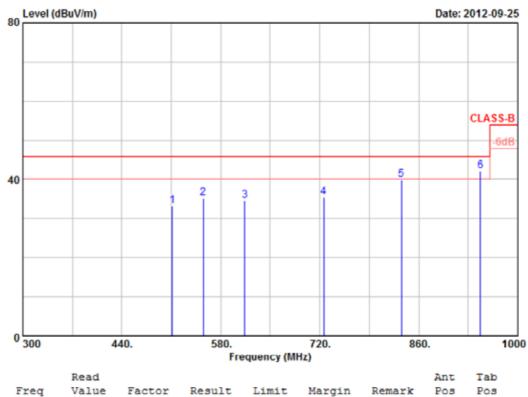
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Power	:	AC 120V	Pol/Phase :	HORIZONTAL
Test Mode	:	Transmitting / Receive	Temperature :	24 °C
Operation Channel	:	908.42MHz	Humidity :	61 %
Modulation Type	:	GFSK	Atmospheric Pressure :	1019 hPa



		Read						Ant	Tab	
Item	Freq	Value	Factor	Result	Limit	Margin	Remark	Pos	Pos	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg	
1	511.40	31.97	1.30	33.27	46.00	-12.73	Peak	101	0	
2	555.50	31.24	3.90	35.14	46.00	-10.86	Peak	101	0	
3	613.60	31.09	3.55	34.64	46.00	-11.36	Peak	101	0	
4	725.60	31.82	3.60	35.42	46.00	-10.58	Peak	101	0	
5	835.50	31.06	8.89	39.95	46.00	-6.05	Peak	101	0	
6	947.50	34.74	7.30	42.04	46.00	-3.96	QP	101	0	

- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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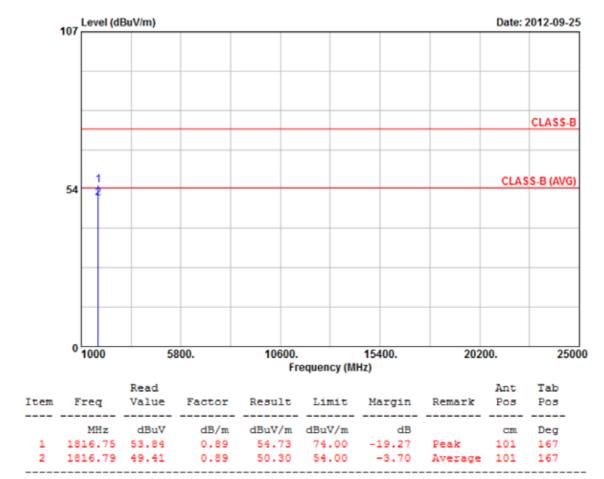
Issued Date : Oct. 03, 2012

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Report No.: TEFI1209111

FCC ID : SW8TD1200

Power :	AC 120V	Pol/Phase	:	VERTICAL
Test Mode :	Transmitting / Receive	Temperature	:	24 °C
Operation Channel :	908.42MHz	Humidity	:	61 %
Modulation Type :	GFSK	Atmospheric Pressure	:	1019 hPa



- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
- The other emissions is too low to be measured. (The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
- 7. The data is worse case.

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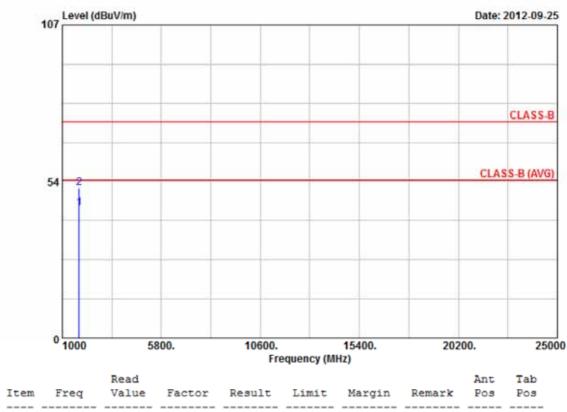
Issued Date : Oct. 03, 2012

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Report No.: TEFI1209111

FCC ID : SW8TD1200

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode	:	Transmitting / Receive	Temperature	:	24 °C
Operation Channel	:	908.42MHz	Humidity	:	61 %
Modulation Type	:	GFSK	Atmospheric Pressure	:	1019 hPa



		Read						Anc	Iab
Item	Freq	Value	Factor	Result	Limit	Margin	Remark	Pos	Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	1816.78	42.97	1.52	44.49	54.00	-9.51	Average	101	263
2	1816.78	49.87	1.52	51.39	74.00	-22.61	Peak	101	263

- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz (detector sample mode) for Average detection at frequency above 1GHz.
- The other emissions is too low to be measured. (The worst case noise floor measurements value is 47.93 dBuV at 16.10GHz)
- 7. The data is worse case.

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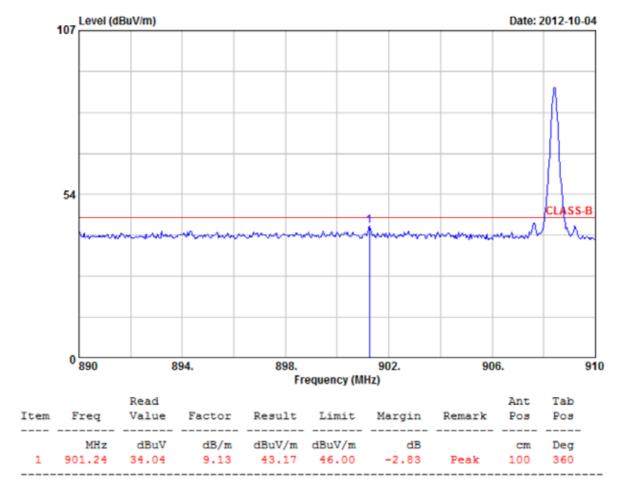
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FCC ID : SW8TD1200

5.5.3. Test Result of Band Edges Measurement

Power	:	AC 120V	Pol/Phase :	VERTICAL
Test Mode	:	Transmitting / Receive	Temperature :	24 °C
Operation Channel	:	908.42MHz	Humidity :	61 %
Modulation Type	:	GFSK	Atmospheric Pressure :	1019 hPa



Notes:

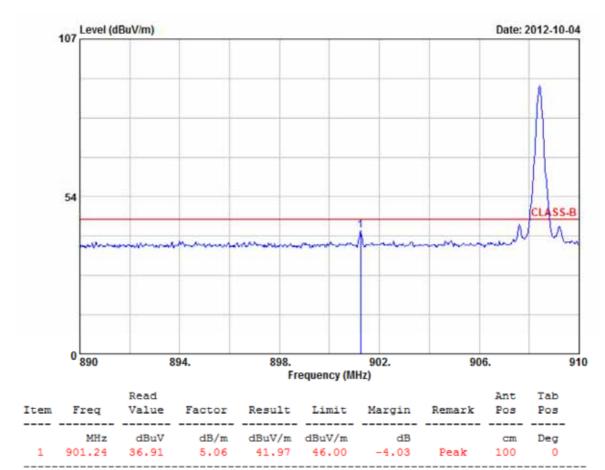
- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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FCC ID : SW8TD1200

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode : T		Transmitting / Receive	Temperature		24 °C
Operation Channel		908.42MHz	Humidity		61 %
Modulation Type		GFSK	Atmospheric Pressure	:	1019 hPa



- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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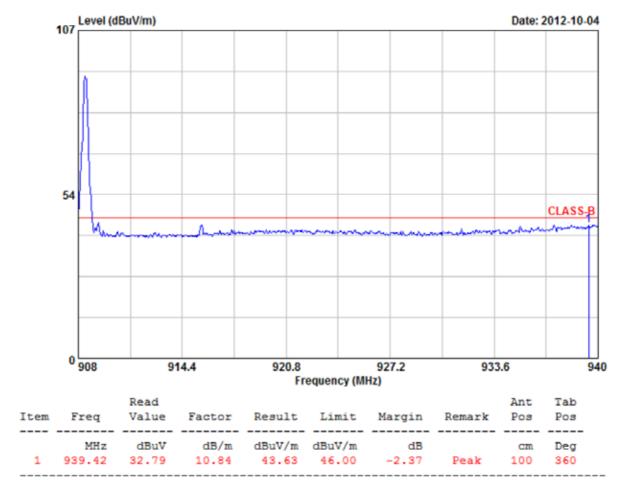
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Power	: AC 120V		Pol/Phase		VERTICAL
Test Mode		Transmitting / Receive	eive Temperature		24 °C
Operation Channel		908.42MHz	Humidity		61 %
Modulation Type		GFSK	Atmospheric Pressure	:	1019 hPa



- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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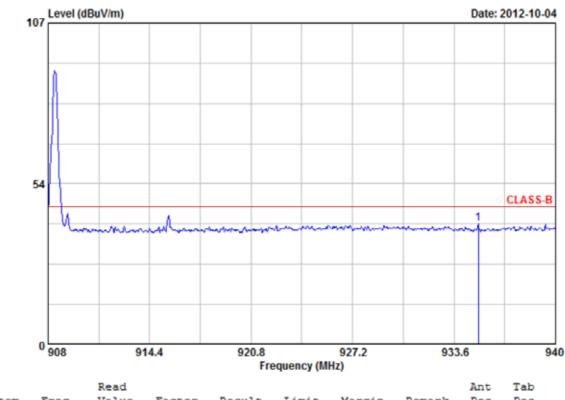
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Power :		AC 120V	Pol/Phase		HORIZONTAL
Test Mode		Transmitting / Receive	ve Temperature		24 °C
Operation Channel		908.42MHz	Humidity		61 %
Modulation Type		GFSK	Atmospheric Pressure	:	1019 hPa



		Read						Ant	Tab	
Item	Freq	Value	Factor	Result	Limit	Margin	Remark	Pos	Pos	
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg	
1	935.14	33.93	6.19	40.12	46.00	-5.88	Peak	100	0	

- 1. Result = Read Value + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
- The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
- 6. The other emissions is too low to be measured.

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