

FCC Radio Test Report

FCC ID: TW5GD7101

This report concerns (check one): Original Grant Class II Change

Issued Date : Jul. 24, 2013

Project No. : 1306C255
Equipment : 2.4GHZ Digital Wireless RearView monitor

Model Name: GD7101

: ShenZhen Gospell Smarthome Electronic Applicant

Co., Ltd.

Address : East of 01st-04st Floor, Block A,No.1

> Industrial park, Fenghuanggang, South of No.1 Baotian Road, Xixiang street, Bao'an

District, Shenzhen City, Guangdong

Province 518126, P.R. China.

Tested by: Neutron Engineering Inc. EMC Laboratory

Date of Receipt: Jul. 01, 2013

Date of Test: Jul. 01, 2013~ Jul. 23, 2013

Testing Engineer

Technical Manager

Authorized Signatory:

(Steven Lu)

Neutron Engineering Inc.

No.3, Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.

TEL: (0769) 8318-3000 FAX: (0769) 8319-6000

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Declaration

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1. CERTIFICATION

Equipment : 2.4GHZ Digital Wireless RearView monitor

Brand Name: N/A Model Name: GD7101

Applicant : ShenZhen Gospell Smarthome Electronic Co., Ltd. Manufacturer : ShenZhen Gospell Smarthome Electronic Co., Ltd.

Address East of 01st-04st Floor, Block A,No.1 Industrial park, Fenghuanggang, South of

: No.1 Baotian Road, Xixiang street, Bao'an District, Shenzhen City, Guangdong

Province 518126, P.R. China.

Factory : ShenZhen Gospell Smarthome Electronic Co., Ltd.

Address : East of 01st-04st Floor, Block A,No.1 Industrial park, Fenghuanggang, South of

No.1 Baotian Road, Xixiang street, Bao'an District, Shenzhen City, Guangdong

Province 518126, P.R. China.

Date of Test : Jul. 01, 2013~ Jul. 23, 2013 Test Item : ENGINEERING SAMPLE

Standard(s) : FCC Part15, Subpart C(15.247) / ANSI C63.4 : 2009

FCC Public Notice DA 00-705, March 30, 2000.

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-1-1306C255) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

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2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

APPLIED STANDARD: 47 CFR Part 15, Subpart C			
Standard(s) Section 47 CFR Part 15	Test Item	Judgment	Remark
15.207	Conducted Emission	N/A	NOTE (1)
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247 (a)(1)	Hopping Channel Separation	PASS	
15.247 (b)(1)	Peak Output Power	PASS	
15.247(d) 15.209	Radiated Spurious Emission	PASS	
15.247 (a)(1)(iii)	Number of Hopping Frequency	PASS	
15.247 (a)(1)(iii)	Dwell Time	PASS	
15.205	Restricted Bands	PASS	
15.203	Antenna Requirement	PASS	

NOTE:

- (1)" N/A" denotes test is not applicable in this test report.
- (2) According to FCC Public Notice DA 00-705, March 30, 2000.

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2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-CB03** at the location of No.3, Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.523792 Neutron's test firm number for FCC 319330

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$, where expended uncertainty \mathbf{U} is based on a standard uncertainty multiplied by a coverage factor of $\mathbf{k=2}$, providing a level of confidence of approximately 95 %.

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)	NOTE
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)	NOTE
		9K~30MHz	V	3.79	
		9K~30MHz	Н	3.57	
		30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	Н	3.60	
DG-CB03	CISPR	200MHz ~ 1,000MHz	V	3.86	
DO-0000	CIGITY	200MHz ~ 1,000MHz	Н	3.94	
		1GHz~18GHz	V	3.12	
		1GHz~18GHz	Н	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	Н	4.14	

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3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	2.4GHZ Digital Wireless RearView monitor			
Brand Name	N/A			
Model Name	GD7101	GD7101		
Model Difference	N/A			
Product Description	Operation Frequency: 2406~2475MHz Modulation Technology: QPSK,BPSK Bit Rate of Transmitter: 3Mbps Number Of Channel 24 CH, Please see note 2. (Page 9) Antenna Designation: Please see note 3. (Page 9) Output Power: 12.96dBm (Max) More details of EUT technical specification, please refer to the User's Manual.			
Power Source	Supplied from car charge.			
Power Rating	DC 12V			
Connecting I/O Port(s)	Please refer to the User's	s Manual		

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

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Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2406	09	2430	17	2454
02	2409	10	2433	18	2457
03	2412	11	2436	19	2460
04	2415	12	2439	20	2463
05	2418	13	2442	21	2466
06	2421	14	2445	22	2469
07	2424	15	2448	23	2472
08	2427	16	2451	24	2475

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Goscam	P/N:2.4GHZ	Dipole	R-SMA	2.0
'	Goscam	antenna	Antenna	IX-OIVIA	2.0

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3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	TX Mode NOTE (1)

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Emission			
Final Test Mode Description			
N/A" denotes test is not applicable in this test report.			

For Radiated Emission		
Final Test Mode	Description	
Mode 1	TX Mode NOTE (1)	

Note:

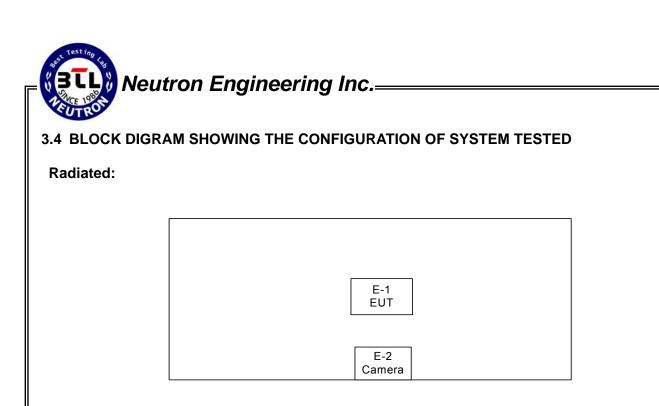
(1) The measurements are performed at the high, middle, low available channels.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of FHSS

Test software version		Tera Term	
Frequency	2406MHz	2442MHz	2475MHz
Parameters-1Mbps	9.5	9.5	9.5

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3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	2.4GHZ Digital Wireless RearView monitor	N/A	GD7101	TW5GD7101	N/A	EUT
E-2	2.4GHZ Digital Wireless RearView Camera	N/A	GD9901	TW5GD9901	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

Note:

(1) For detachable type I/O cable should be specified the length in m in \lceil Length \rfloor column.

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4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A	(dBuV)	Class B	(dBuV)	Standard
TREQUENCT (MITZ)	Quasi-peak	Average	Quasi-peak	Average	Stanuaru
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 MEASUREMENT INSTRUMENTS LIST AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Apr. 25, 2014
2	LISN	R&S	ENV216	100087	Nov.16.2013
3	Test Cable	N/A	C_17	N/A	Mar.15.2014
4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	Apr. 25, 2014
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Apr. 25, 2014

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

The following table is the setting of the receiver

Receiver Parameters	Setting	
Attenuation	10 dB	
Start Frequency	0.15 MHz	
Stop Frequency	30 MHz	
IF Bandwidth	9 kHz	

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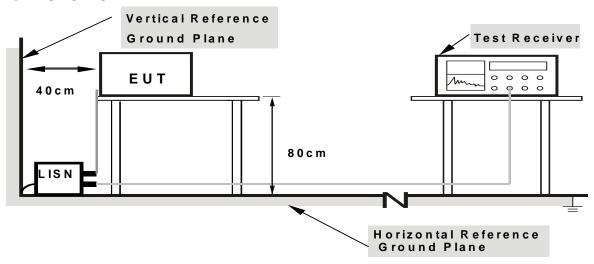
4.1.3 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

4.1.6 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

The EUT is continued Transmitter/Receive data or Hopping on mode.

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4.1.7 TEST RESULTS

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- (1) All readings are QP Mode value unless otherwise stated AVG in column of Note. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a " * " marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150KHz to 30MHz.

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101			
Temperature:	-	Relative Humidity:	-			
Test Voltage:	-	Polarization:	-			
Test Mode :	N/A" denotes test is not applicable in this test report.					

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4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	(dBuV/m) (at 3M)		
TREQUENCT (MITZ)	PEAK	AVERAGE	
Above 1000	74	54	

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

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4.2.2 MEASUREMENT INSTRUMENTS LIST ANS SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Apr. 25, 2014
2	Amplifier	HP	8447D	2944A09673	Apr. 25, 2014
3	Test Receiver	R&S	ESCI	100382	Apr. 25, 2014
4	Test Cable	N/A	C-01_CB03	N/A	Jun.30.2014
5	Antenna	ETS	3115	00075789	Apr. 25, 2014
6	Amplifier	Agilent	8449B	3008A02274	Apr. 25, 2014
7	Spectrum	Agilent	E4408B	US39240143	Nov. 16.2013
8	Test Cable	HUBER+SUH NER	C-45	N/A	Apr. 30, 2014
9	Controller	СТ	SC100	N/A	N/A
10	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Apr. 25, 2014
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Oct.12.2013
12	Horn Antenna	EMCO	3115	9605-4803	Apr. 25, 2014

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic

Receiver Parameter	Setting				
Attenuation	Auto				
Start ~ Stop Frequency	9kHz~90kHz for PK/AVG detector				
Start ~ Stop Frequency	90kHz~110kHz for QP detector				
Start ~ Stop Frequency	110kHz~490kHz for PK/AVG detector				
Start ~ Stop Frequency	490kHz~30MHz for QP detector				
Start ~ Stop Frequency	30MHz~1000MHz for QP detector				

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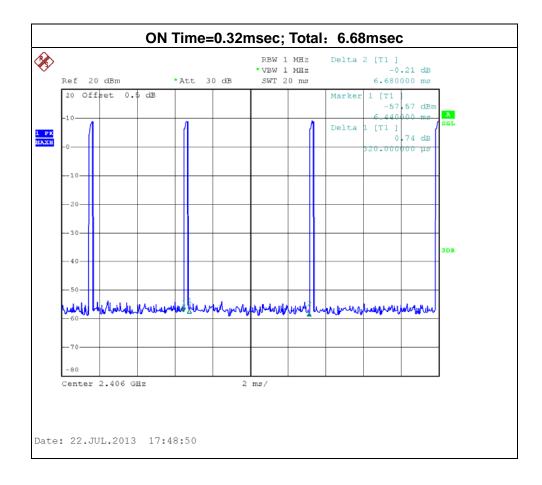
Channel: TX 2406MHz

Duty Cycle=ON/(ON+OFF)

Duty Cycle=0.32/6.68

Average = Peak value +20log (Duty cycle)

Final AV=PK-26.39



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4.2.3 TEST PROCEDURE

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.4 DEVIATION FROM TEST STANDARD

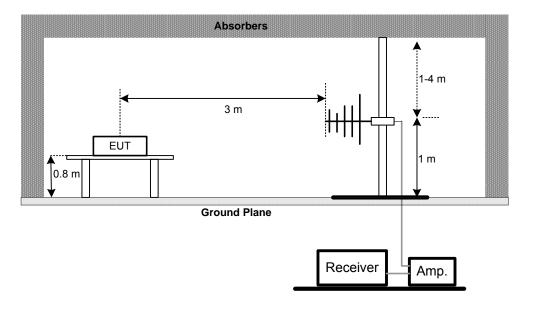
No deviation

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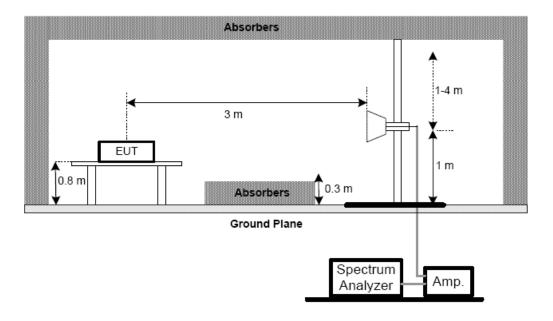


4.2.5 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



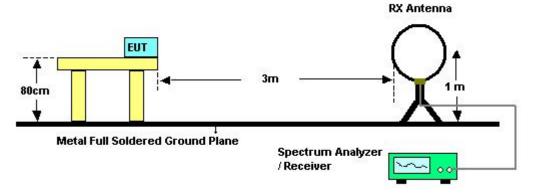
(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



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(C) For radiated emissions below 30MHz



4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

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4.2.7 TEST RESULTS (BETWEEN30 - 1000 MHZ)

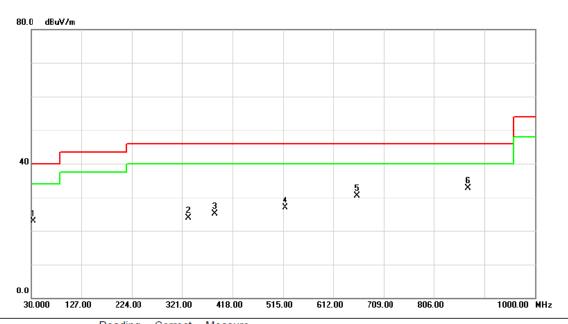
Remark:

- (1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz.
- (2) All readings are Peak unless otherwise stated QP in column of <code>『Note』</code>. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (3) Measuring frequency range from 30MHz to 1000MHz.
- (4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table.

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX Mode 2406MHz	Polarization:	Vertical

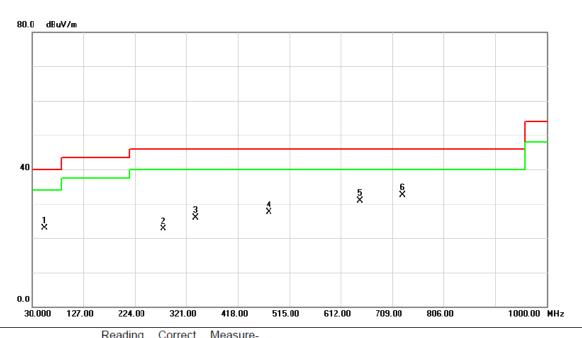


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		34.8500	39.84	-16.90	22.94	40.00	-17.06	peak	
2	,	333.1250	35.17	-11.26	23.91	46.00	-22.09	peak	
3	,	384.0500	34.79	-9.60	25.19	46.00	-20.81	peak	
4		519.8500	33.52	-6.62	26.90	46.00	-19.10	peak	
5		658.0750	33.77	-3.30	30.47	46.00	-15.53	peak	
6	*	871.4750	33.18	-0.53	32.65	46.00	-13.35	peak	

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— () (2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX Mode 2406MHz	Polarization:	Horizontal

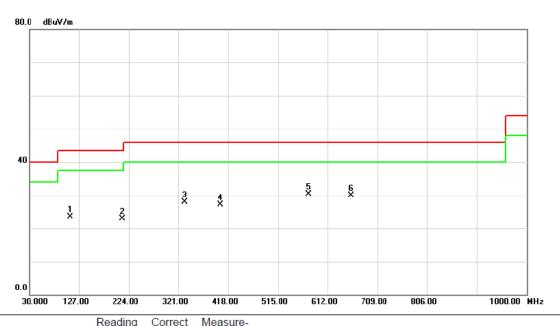


No.	Mk	Freq.	Level	Factor	ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		54.2500	40.43	-17.52	22.91	40.00	-17.09	peak	
2		277.3500	35.54	-12.81	22.73	46.00	-23.27	peak	
3		337.9750	37.02	-11.14	25.88	46.00	-20.12	peak	
4		476.2000	35.29	-7.72	27.57	46.00	-18.43	peak	
5		648.3750	34.32	-3.37	30.95	46.00	-15.05	peak	
6	*	728.4000	35.35	-2.83	32.52	46.00	-13.48	peak	

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX Mode 2442MHz	Polarization:	Vertical

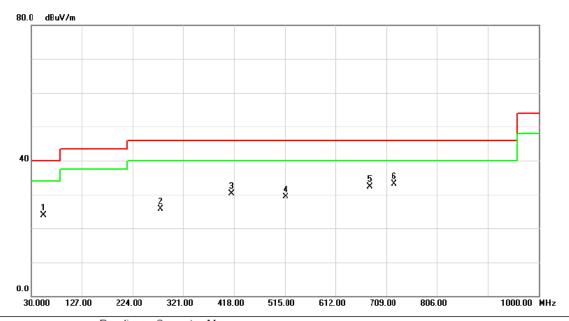


	No.	Mk.	Freq.	Level	Factor	ment	Limit	Over		
-			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
_	1		110.0250	41.86	-18.36	23.50	43.50	-20.00	peak	
_	2		211.8750	39.15	-16.22	22.93	43.50	-20.57	peak	
_	3		333.1250	39.17	-11.26	27.91	46.00	-18.09	peak	
_	4		403.4500	36.09	-8.96	27.13	46.00	-18.87	peak	
_	5	*	575.6250	35.14	-4.87	30.27	46.00	-15.73	peak	
_	6		658.0750	33.27	-3.30	29.97	46.00	-16.03	peak	
_										

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX Mode 2442MHz	Polarization:	Horizontal

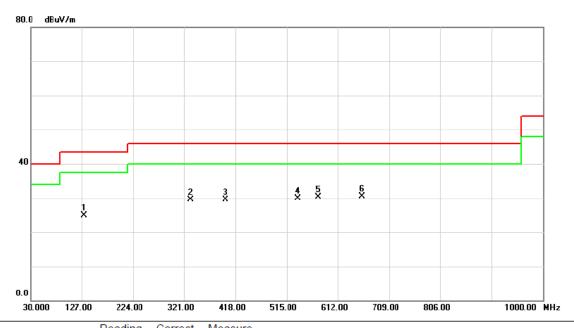


	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
-			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
_	1		54.2500	41.43	-17.52	23.91	40.00	-16.09	peak	
_	2	2	277.3500	38.54	-12.81	25.73	46.00	-20.27	peak	
_	3	4	113.1500	39.16	-8.79	30.37	46.00	-15.63	peak	
_	4	į	517.4250	36.11	-6.71	29.40	46.00	-16.60	peak	
_	5	(677.4750	35.55	-3.25	32.30	46.00	-13.70	peak	
_	6	*	723.5500	36.07	-2.88	33.19	46.00	-12.81	peak	
_										

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX Mode 2475MHz	Polarization:	Vertical

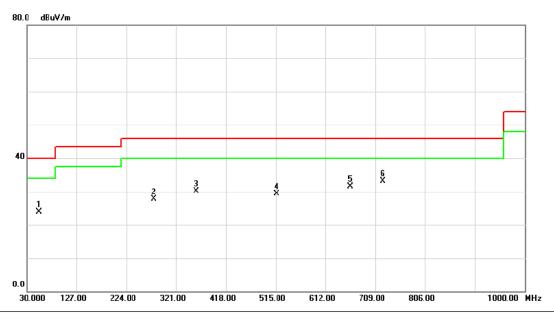


No.	Mk.	Freq.	Level	Factor	ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		131.8500	42.92	-18.03	24.89	43.50	-18.61	peak	
2		333.1250	40.67	-11.26	29.41	46.00	-16.59	peak	
3		398.6000	38.48	-9.07	29.41	46.00	-16.59	peak	
4		536.8250	35.87	-5.98	29.89	46.00	-16.11	peak	
5		575.6250	35.14	-4.87	30.27	46.00	-15.73	peak	
6	*	658.0750	33.77	-3.30	30.47	46.00	-15.53	peak	

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX Mode 2475MHz	Polarization:	Horizontal



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		54.2500	41.43	-17.52	23.91	40.00	-16.09	peak	
2		277.3500	40.54	-12.81	27.73	46.00	-18.27	peak	
3		359.8000	40.65	-10.49	30.16	46.00	-15.84	peak	
4		517.4250	36.11	-6.71	29.40	46.00	-16.60	peak	
5		660.5000	34.83	-3.30	31.53	46.00	-14.47	peak	
6	*	723.5500	36.07	-2.88	33.19	46.00	-12.81	peak	

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4.2.8 TEST RESULTS (ABOVE 1000 MHZ)

	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX 2406MHz		

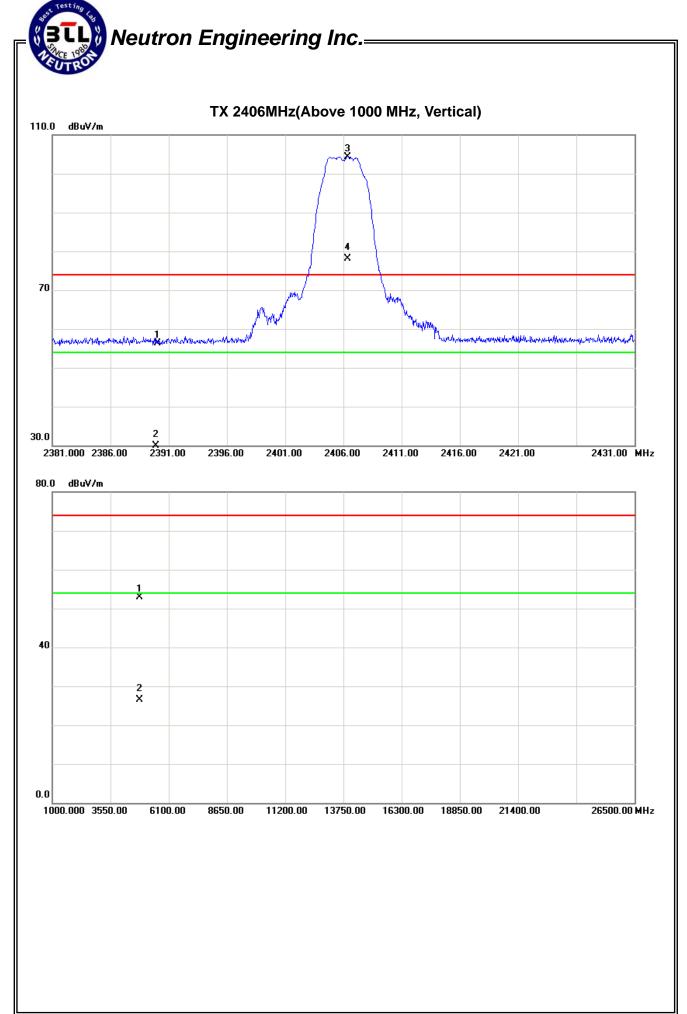
Freq.	Ant.Pol.	Rea	ding	Ant./CF	Act.		Limit		Margin		
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	V	22.28	-4.11	34.09	56.37	29.98	74.00	54.00	-17.63	-24.02	X/E
2406.35	V	70.26	43.87	34.14	104.40	78.01					X/F
4812.10	V	46.55	20.16	6.41	52.96	26.57	74.00	54.00	-21.04	-27.43	X/H

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (8) The average value of fundamental frequency is:

 Average = Peak value + 20log(Duty cycle) , Final AV=PK-26.39

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010hPa	Test Voltage :	DC 12V
Test Mode :	TX 2406MHz		

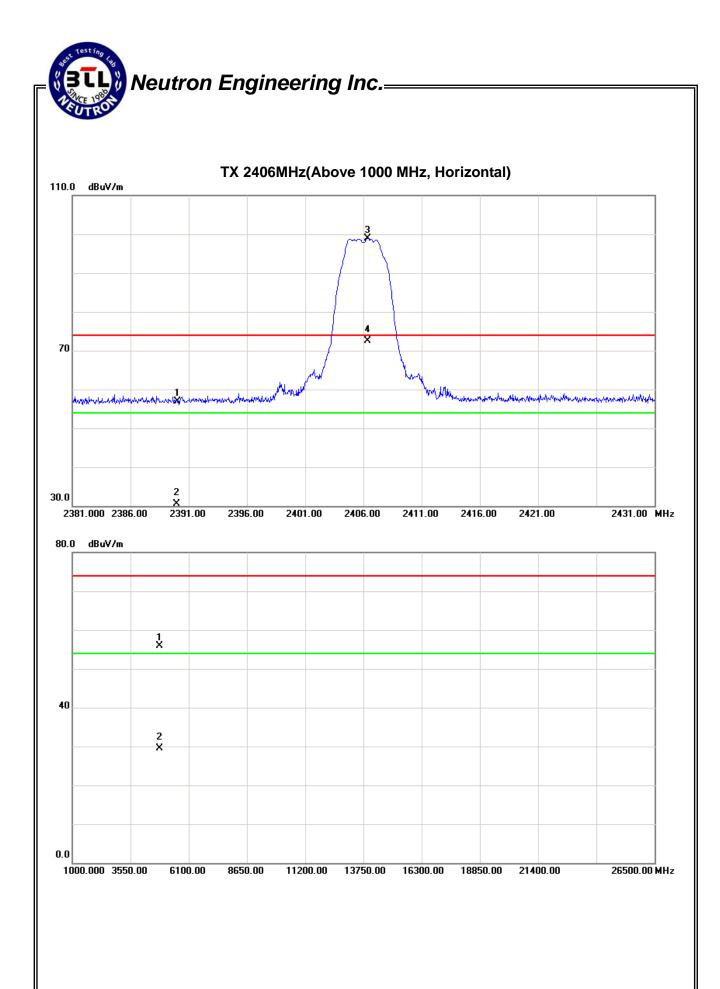
Freq.	Ant.Pol.	Rea	ding	Ant./CF	Act.		Limit		Margin		
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2390.00	Н	22.77	-3.62	34.09	56.86	30.47	74.00	54.00	-17.14	-23.53	X/E
2406.35	Н	64.75	38.36	34.14	98.89	72.50					X/F
4812.01	Н	49.57	23.18	6.41	55.98	29.59	74.00	54.00	-18.02	-24.41	X/H

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (8) The average value of fundamental frequency is:

 Average = Peak value + 20log(Duty cycle) , Final AV=PK-26.39

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX 2442MHz		

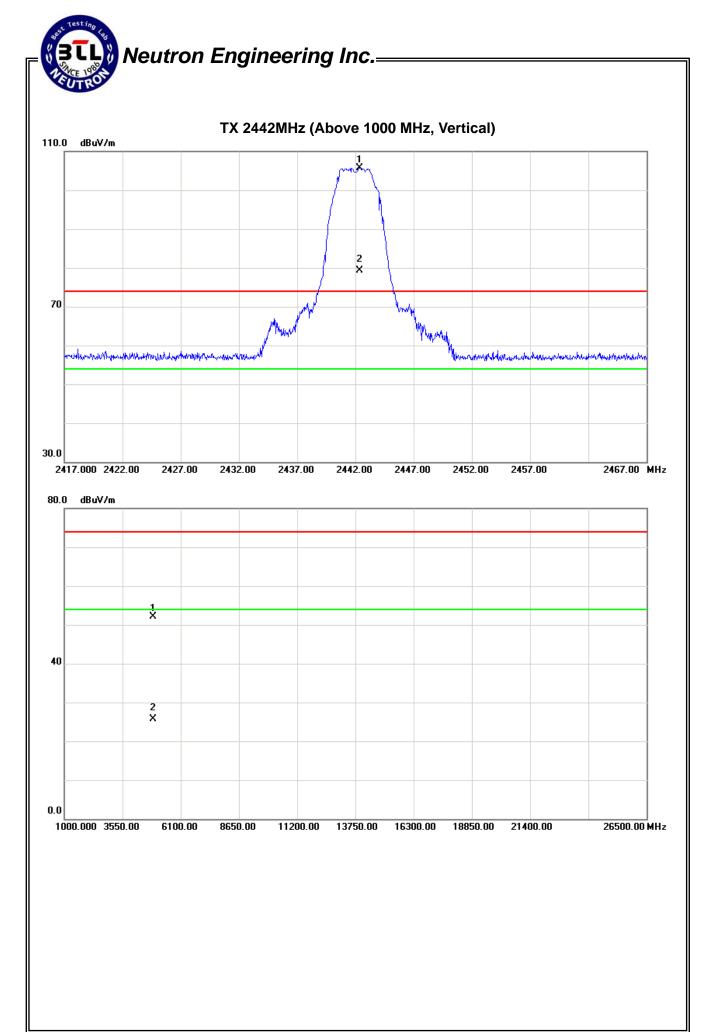
Freq.	Ant.Pol.	Rea	ding	Ant./CF	Ac	t.	Lir	nit	Ma	rgin	
1164.	Ant.r or.	Peak	AV		Peak	AV	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2442.35	V	71.49	45.10	34.25	105.74	79.35					X/F
4884.23	V	45.46	19.07	6.62	52.08	25.69	74.00	54.00	-21.92	-28.31	X/H

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (8) The average value of fundamental frequency is:

 Average = Peak value + 20log(Duty cycle) , Final AV=PK-26.39

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX 2442MHz		

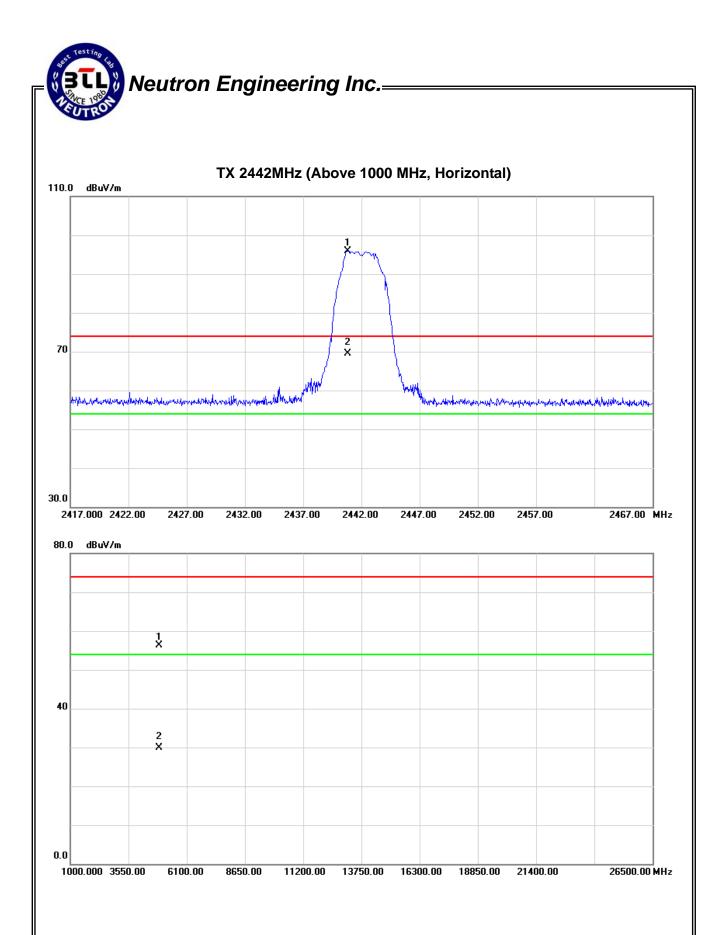
Freq.	Ant.Pol.	Rea	ding	Ant./CF	Ac	t.	Lir	nit	Ма	rgin	
r req.	Ant.i oi.	Peak	AV		Peak	AV	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	dBuV/m	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2440.85	Н	61.67	35.28	34.25	95.92	69.53					X/F
4884.01	Н	49.50	23.36	6.61	56.11	29.97	74.00	54.00	-17.89	-24.03	X/H

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (8) The average value of fundamental frequency is:

 Average = Peak value + 20log(Duty cycle) , Final AV=PK-26.39

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EUT:	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010hPa	Test Voltage :	DC 12V
Test Mode :	TX 2475MHz		

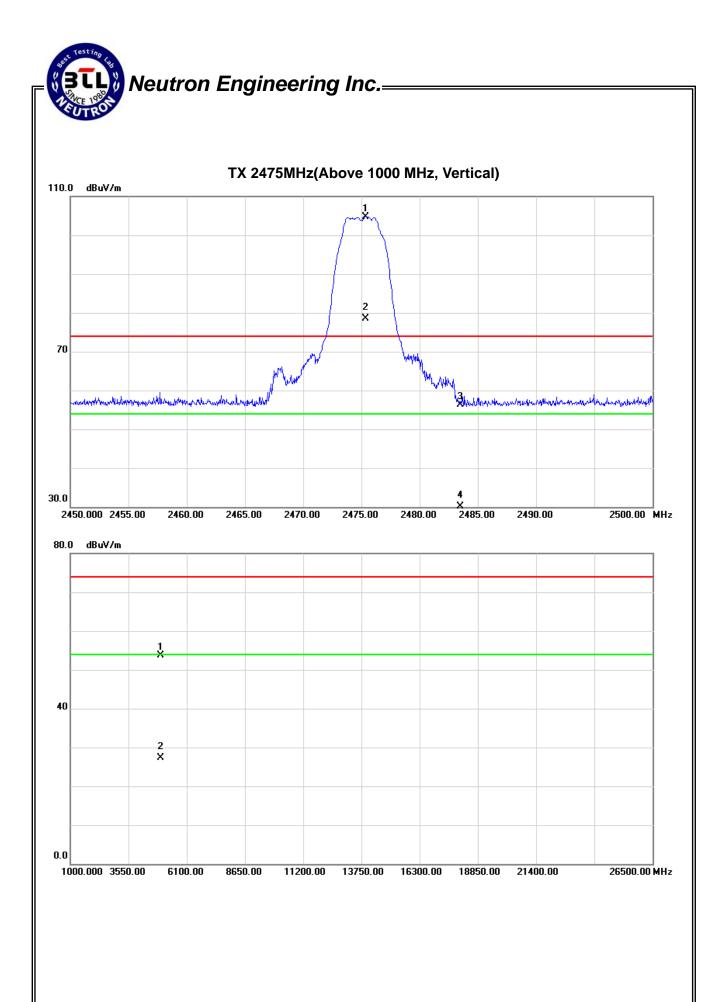
Freq.	Ant.Pol.	Rea	ding	Ant./CF	A	ct.	Lin	nit	Mai	rgin	
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2475.35	٧	70.45	44.06	34.35	104.80	78.41					X/F
2483.50	V	22.03	-4.36	34.37	56.40	30.01	74.00	54.00	-17.60	-23.99	X/E
4950.10	V	46.84	20.45	6.81	53.65	27.26	74.00	54.00	-20.35	-26.74	X/H

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (8) The average value of fundamental frequency is:

 Average = Peak value + 20log(Duty cycle) , Final AV=PK-26.39

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	DC 12V
Test Mode :	TX 2475MHz		

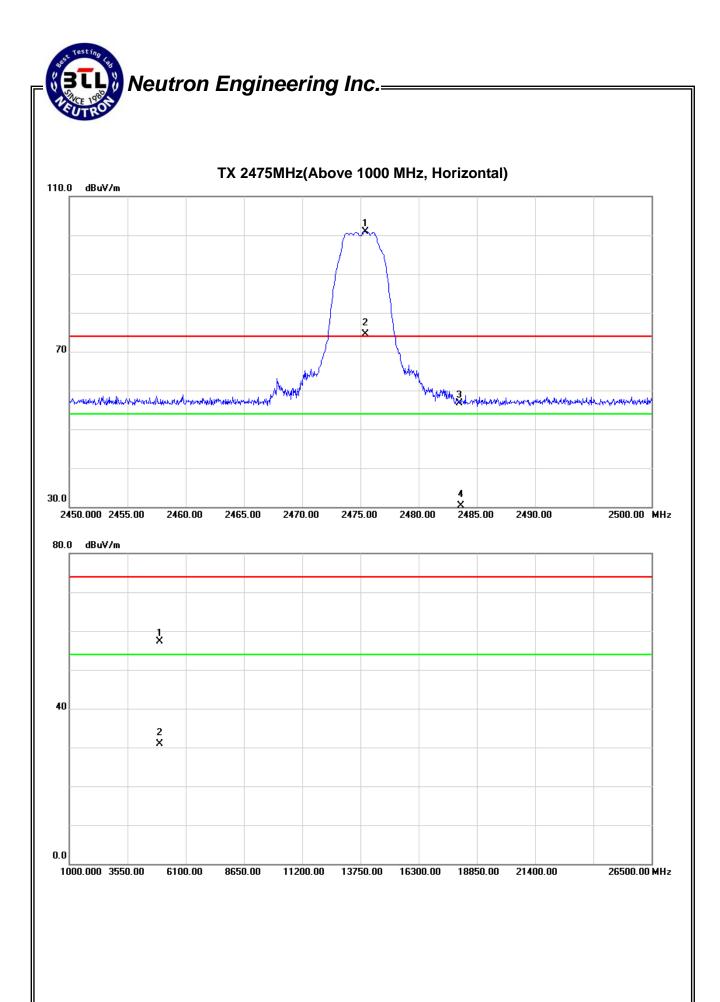
Freq.	Ant.Pol.	Rea	ding	Ant./CF	A	ct.	Lir	nit	Mai	rgin	
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Note
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2475.40	Н	66.59	40.20	34.35	100.94	74.55					X/F
2483.50	Н	22.41	-3.98	34.37	56.78	30.39	74.00	54.00	-17.22	-23.61	X/E
4949.97	Н	50.42	24.03	6.80	57.22	30.83	74.00	54.00	-16.78	-23.17	X/H

Remark:

- (1) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- (2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axis:
 - "X" denotes Laid on Table; "Y" denotes Vertical Stand; "Z" denotes Side Stand
- (7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna
- (8) The average value of fundamental frequency is:

 Average = Peak value + 20log(Duty cycle) , Final AV=PK-26.39

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5. NUMBER OF HOPPING CHANNEL

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C					
Section	Test Item	Frequency Range (MHz)	Result		
15.247 (a)(1)(iii)	Number of Hopping Channel	2400-2483.5	PASS		

5.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov.25.2013

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> Operating Frequency Range
RB	100 kHz
VB	100 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=100KHz, Sweep time = Auto.

5.1.3 DEVIATION FROM STANDARD

No deviation.

5.1.4 TEST SETUP

EUT	SPECTRUM
	ANALYZER

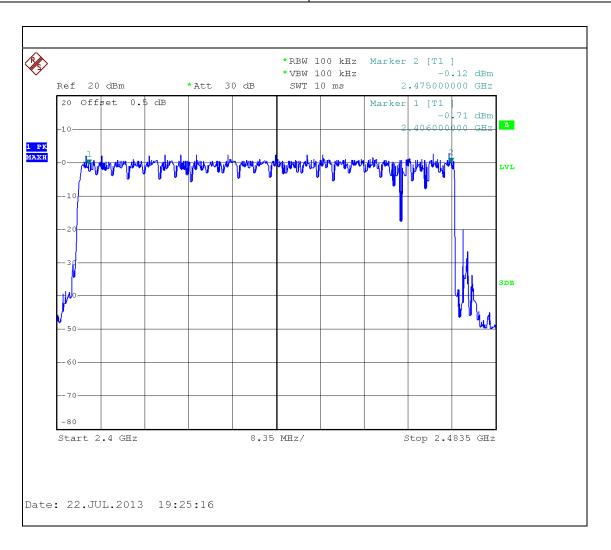
5.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	DC 12V
Test Mode :	Hopping Mode		



6. AVERAGE TIME OF OCCUPANCY

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C					
Section	Test Item	Limit	Frequency Range (MHz)	Result	
15.247 (a)(1)(iii)	Average Time of Occupancy	0.4sec	2400-2483.5	PASS	

6.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov.25.2013

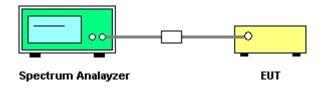
Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

6.1.2 TEST PROCEDURE

- a. The transmitter output (antenna port) was connected to the spectrum analyzer
- b. Set RBW of spectrum analyzer to 1MHz and VBW to 1MHz.
- c. Use a video trigger with the trigger level set to enable triggering only on full pulses.
- d. Sweep Time is more than once pulse time.
- e. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
- f. Measure the maximum time duration of one single pulse.
- q. Set the EUT for packet transmitting.
- h. Measure the maximum time duration of one single pulse.
- i. Dwell time = [spreading rate/16] x duty-cycle x 0.4 seconds

6.1.3. TEST SETUP LAYOUT



6.1.4. TEST DEVIATION

There is no deviation with the original standard.

6.1.5. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting/Hopping mode.

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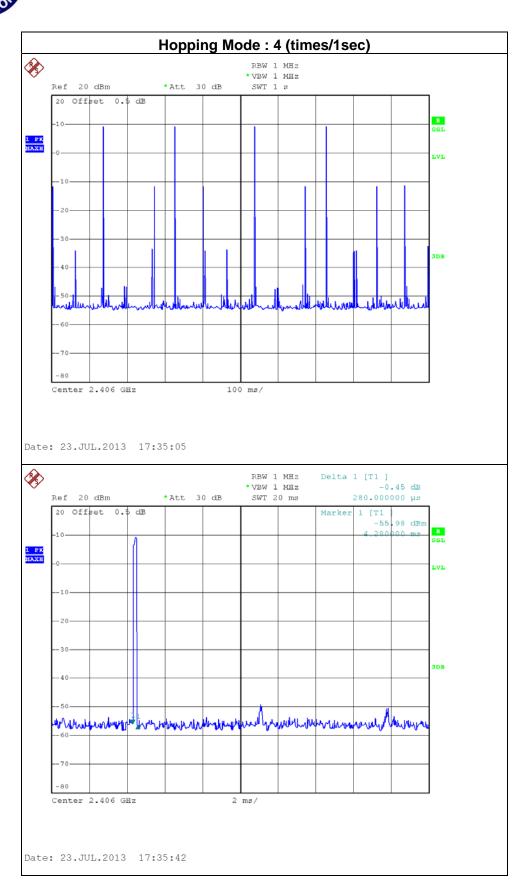
	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	DC 12V
Test Mode :	Hopping Mode		

Mode	Number of transmission in a 9.6 (24Hopping*0.4)	Length of transmission time (msec)	Result (msec)	Limit (msec)
2475 MHz	(4/1) *9.6=46 times Note1	0.28	10.752	400

Note1: 4 times of occupied channels per 1 second.

	Results
Measured cycle (sec)	24 CH*0.4=9.6
The total number of frequency-hopping per second	((4/1)*9.6)=38.4
The number of occupied channels per second	38.4/9.6=4(number/sec)
occupied time for each channel(1)	0.28ms
The total number of channels occupied within one	(4/1) *9.6=38.4 times
cycle (2)	
The average time of occupancy within one cycle(1)*(2)	10.752msec
LIMIT (msec)	400msec

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7. HOPPING CHANNEL SEPARATION MEASUREMENT

7.1 APPLIED PROCEDURES / LIMIT

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

7.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov.25.2013

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> Measurement Bandwidth or Channel Separation
RB	30 kHz
VB	100 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

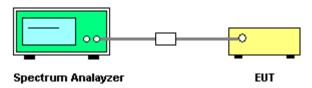
7.1.2 TEST PROCEDURE

- a. The EUT must have its hopping function enabled
- b. Span = wide enough to capture the peaks of two adjacent channels Resolution (or IF) Bandwidth (RBW) ≥ 1% of the span Video (or Average) Bandwidth (VBW) ≥ RBW Sweep = auto Detector function = peak Trace = max hold

7.1.3 DEVIATION FROM STANDARD

No deviation.

7.1.4 TEST SETUP



7.1.5 EUT OPERATION CONDITIONS

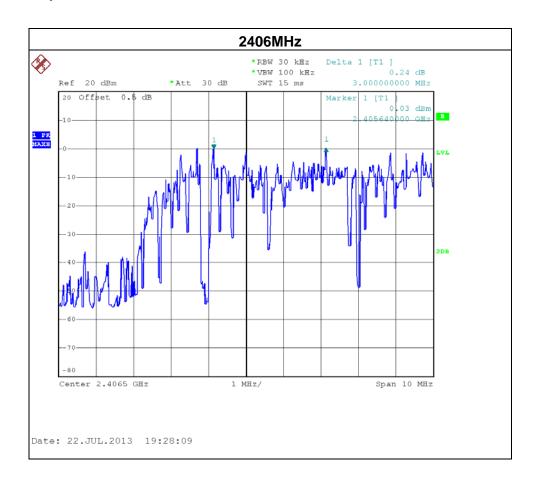
The EUT was programmed to be in hopping mode.

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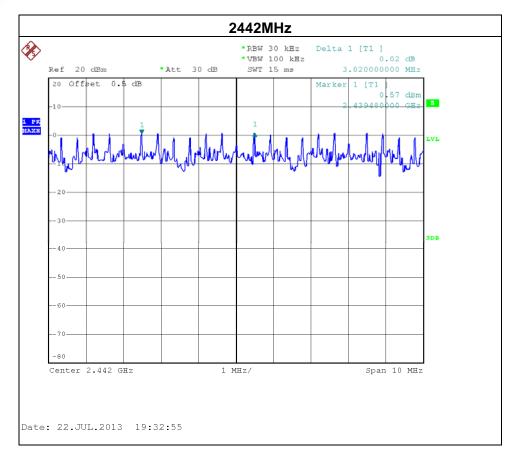
	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	DC 12V
Test Mode :	CH01/CH13/CH24		

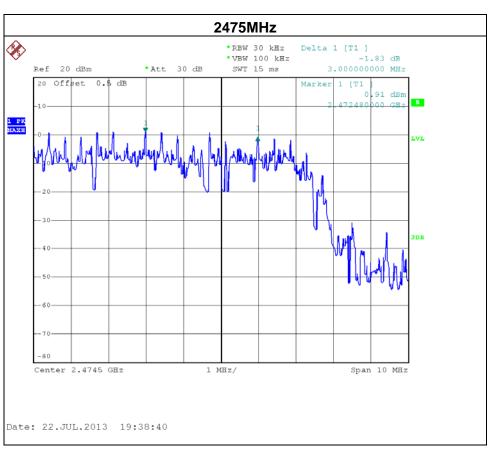
Frequency (MHz)	Ch. Separation (MHz)	20dB Bandwidth (MHz)	Result
2406	3.000	4.340	Complies
2442	3.020	4.360	Complies
2475	3.000	4.360	Complies

Ch. Separation Limits: >20dB bandwidth or >2/3 of 20dB bandwidth



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8. BANDWIDTH TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Frequency Range (MHz)	Result	
15.247 (a)(1)	Bandwidth	2400-2483.5	PASS	

8.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov.25.2013

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> Measurement Bandwidth or Channel Separation
RB	30 kHz (20dB Bandwidth) / 30 kHz (Channel Separation)
VB	100 kHz (20dB Bandwidth) / 100 kHz (Channel Separation)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

8.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 30KHz, VBW=100KHz, Sweep time = Auto.

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP

EUT	SPECTRUM
	ANALYZER

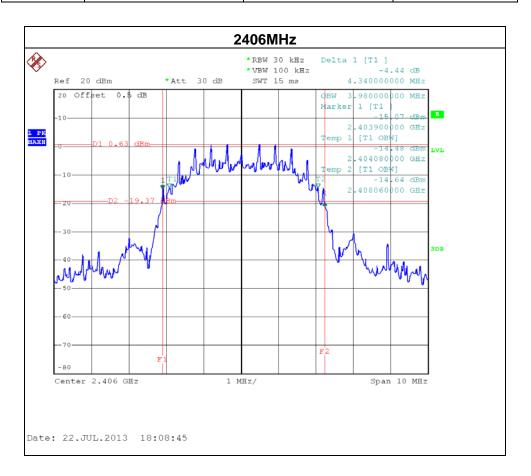
8.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

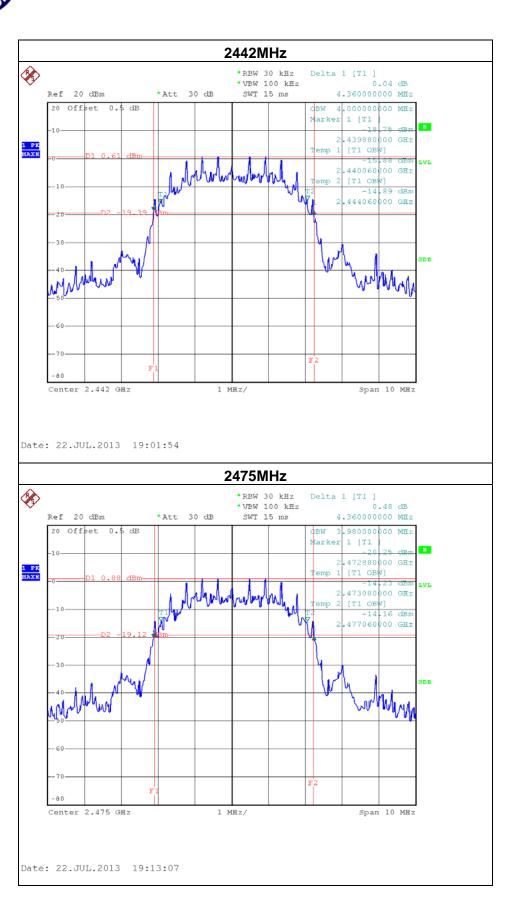
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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	DC 12V
Test Mode :	CH01/CH13/CH24		

Frequency (MHz)	20dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Result
2406	4.340	3.980	PASS
2442	4.360	4.000	PASS
2475	4.360	3.980	PASS



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9. PEAK OUTPUT POWER TEST

9.1 APPLIED PROCEDURES / LIMIT

	FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result	
15.247 (b)(1)	Peak Output Power	0.125 watt or 21dBm	2400-2483.5	PASS	

9.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

Ite	m Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov.25.2013

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

9.1.2 TEST PROCEDURE

a. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram below,

9.1.3 DEVIATION FROM STANDARD

No deviation.

9.1.4 TEST SETUP

EUT	SPECTRUM
	ANALYZER

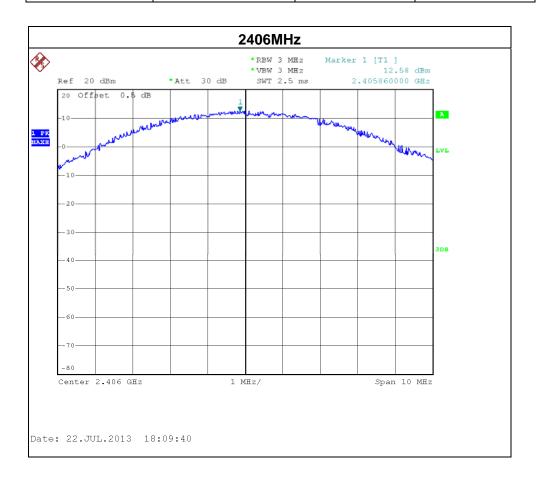
9.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

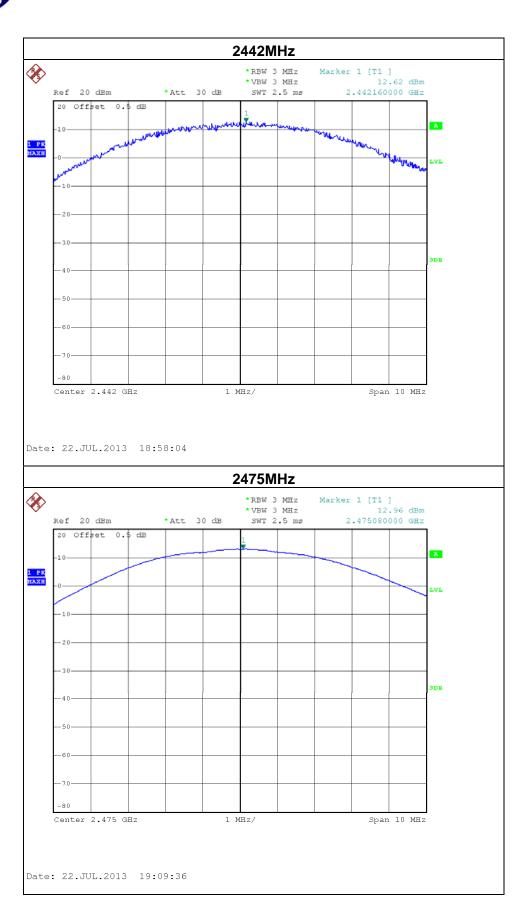
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	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	DC 12V
Test Mode :	CH01/CH13/CH24		

Frequency	Peak Output Power	LIMIT	LIMIT
(MHz)	(dBm)	(dBm)	(W)
2406	12.58	21	0.125
2442	12.62	21	0.125
2475	12.96	21	0.125



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10. ANTENNA CONDUCTED SPURIOUS EMISSION

10.1 APPLIED PROCEDURES / LIMIT

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

10.1.1 MEASUREMENT INSTRUMENTS LIST AND SETTING

ĺ	Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
	1	Spectrum Analyzer	R&S	FSP 40	100185	Nov.25.2013

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

10.1.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=100KHz, Sweep time = Auto.

10.1.3 DEVIATION FROM STANDARD

No deviation.

10.1.4 TEST SETUP



10.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

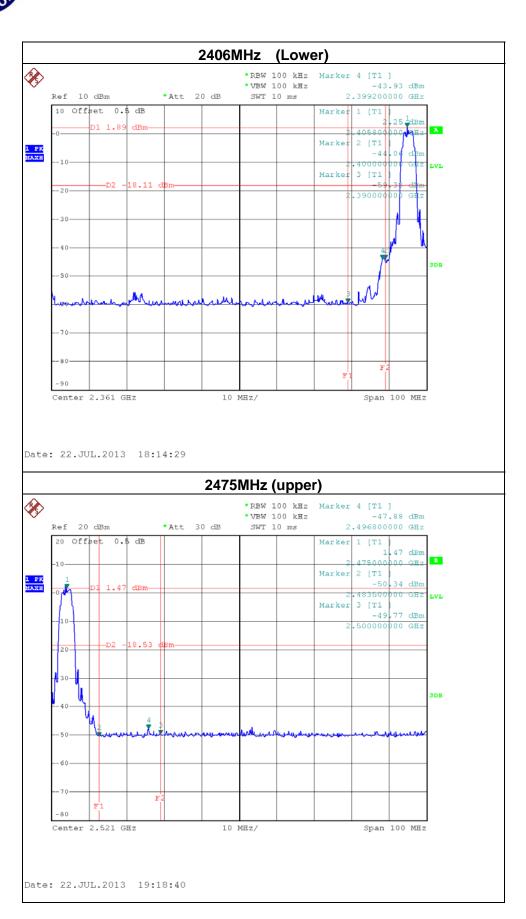
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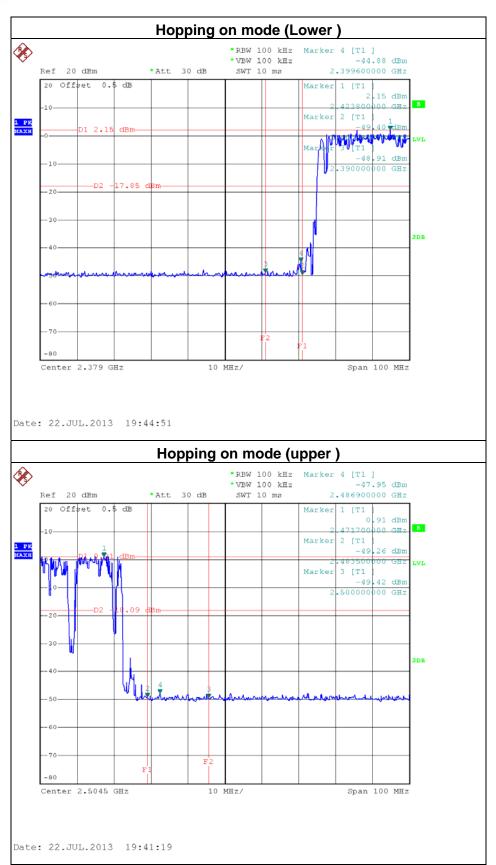
	2.4GHZ Digital Wireless RearView monitor	Model Name :	GD7101
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1009 hPa	Test Voltage :	DC 12V
Test Mode :	CH01/CH13/CH24 & Hopping on mode		

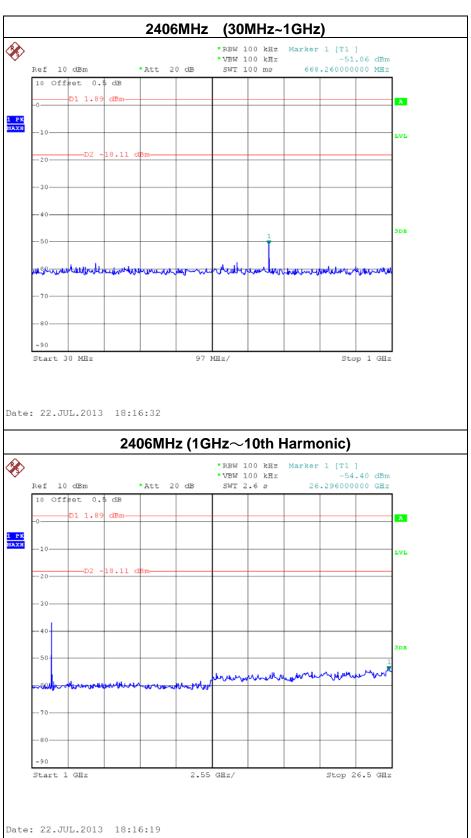
The max. radio frequency power in any 100kHz bandwidth outside the frequency band		The max. radio frequency power in any 100 kHz bandwidth within the frequency band.		
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)	
2392.00	-43.93	2496.80	-47.88	
Result				

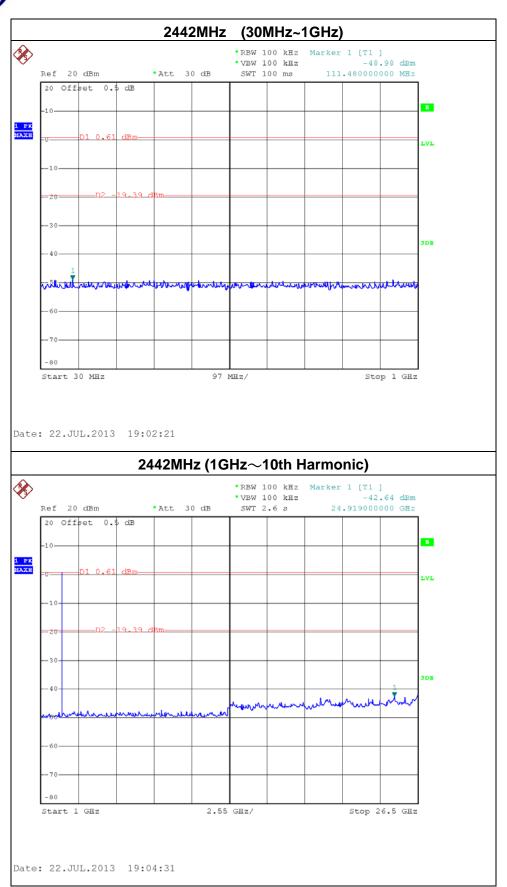
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.

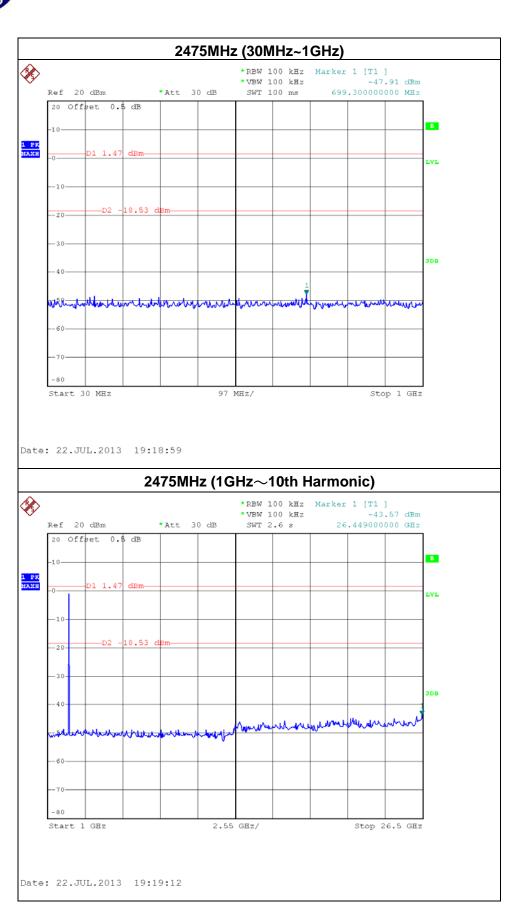
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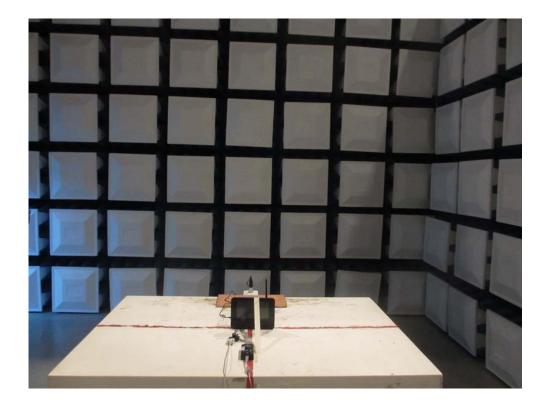


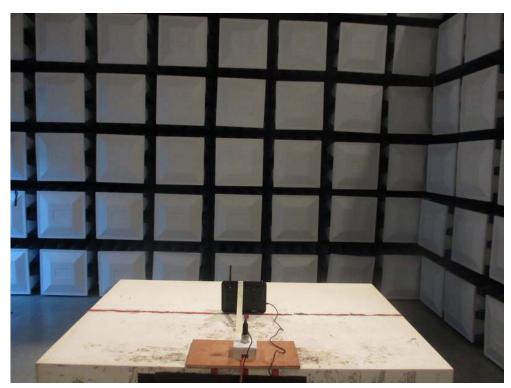




11. EUT PHOTOS

Radiated Measurement Photos





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