



RADIO TEST REPORT

Report No: STS1509037F01

Issued for

SHENZHEN IQI TECHNOLOGY CO.,LTD.

No. Rm602, A Bldg., Smart Valley Technology Park, Yintian Street, Xixiang, Bao'an District, Shenzhen, China

Product Name:	band
Brand Name:	N/A
Model No.:	T261
Series Model:	N/A
FCC ID:	2AFW6-T261
Test Standard:	FCC Part 15.249

APPROVA

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TEST RESULT CERTIFICATION

Applicant's name SHENZHEN IQI TECHNOLOGY CO.,LTD.

Xixiang, Bao'an District, Shenzhen, China

Manufacture's Name SHENZHEN IQI TECHNOLOGY CO.,LTD.

Address No. Rm602, A Bldg., Smart Valley Technology Park, Yintian Street,

Xixiang, Bao'an District, Shenzhen, China

Product description

Product name..... band

Model and/or type reference : T261

Serial Model N/A

Standards FCC Part15.249

Test procedure ANSI C63.10: 2013

This device described above has been tested by STS, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test:

Date (s) of performance of tests...... 10 Sep. 2015 ~17 Sep. 2015

Date of Issue...... 18 Sep. 2015

Test Result..... Pass

Testing Engineer :

(Jin Ming)

Technical Manager:

(Vita Li)

Authorized Signatory:

(Bovey Yang)

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1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.249) , Subpart C					
Standard Section	Test Item	Judgment	Remark		
15.207	Conducted Emission	N/A			
15.249 (a)	Fundamental and Harmonics Radiated Emission	PASS			
15.249 (d)	Radiated Spurious Emission	PASS			
15.249 (d)	Conducted Spurious and Band Edge Emission	PASS			
15.203	Antenna Requirement PASS				

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report

1.1 TEST FACTORY

Shenzhen STS Test Services Co., Ltd.

Add.: 1/F., Building B, Zhuoke Science Park, No.190, Chongqing Road,

Fuyong Street, Bao'an District, Shenzhen, Guangdong, China

CNAS Registration No.: L7649;

FCC Registration No.: 842334; IC Registration No.: 12108A-1

1.2 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	Conducted Emission (9KHz-150KHz)	±2.88dB
2	Conducted Emission (150KHz-30MHz)	±2.67dB
3	RF power,conducted	±0.70dB
4	Spurious emissions,conducted	±1.19dB
5	All emissions,radiated(<1G) 30MHz-200MHz	±2.83dB
6	All emissions,radiated(<1G) 200MHz-1000MHz	±2.94dB
7	All emissions,radiated(>1G)	±3.03dB
8	Temperature	±0.5°C
9	Humidity	±2%





2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	band		
Trade Name	N/A		
Model Name	T261		
Serial Model	N/A		
Model Difference	N/A		
	The EUT is a band		
	Operation Frequency:	2433~2445 MHz	
	Modulation Type:	GFSK	
Product Description	Number Of Channel 4		
	Antenna Designation:	Please see Note 3.	
	Antenna Gain (dBi)	1 dbi	
Channel List	Please refer to the N	lote 2.	
5	Rated Voltage: 3.0V		
Battery	capacity :275mAh		
Hardware version number	V1.3		
Software versioning number	V1.0		
Connecting I/O Port(s)	Please refer to the U	Iser's Manual	

Note

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

2.

Channel List							
Channel	Frequenc y (MHz)	Channel	Frequenc y (MHz)	Channel	Frequenc y (MHz)	Channel	Frequency (MHz)
01	2433	02	2437	03	2441	04	2445

3.

Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
А	N/A	N/A	PCB Antenna	N/A	1	ANT

1/F., Building B, Zhuoke Science Park, No.190,Chongqing Road, Fuyong Street, Bao'an District, Shenzhen, Guangdong,Chi Tel: 0755-36886288 Fax: 0755-36886277 Http://www.stsapp.com E-mail: sts@stsapp.com



2.2 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 CH1/CH02/CH04
Mode 2	Link Mode

For Radiated Emission			
Final Test Mode	Description		
Mode 1	TX CH1/CH02/CH04		

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported



2.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

E-1 EUT





2.4 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

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.	Series No.	Note
E-1	band	N/A	T261	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in <code>"Length_"</code> column.



2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Spectrum Analyzer	Agilent	E4407B	MY50140340	2014.10.25	2015.10.24
Test Receiver	R&S	ESCI	101427	2014.10.25	2015.10.24
Bilog Antenna	TESEQ	CBL6111D	34678	2014.11.25	2015.11.24
Horn Antenna	Schwarzbeck	BBHA 9120D(1201)	9120D-1343	2015.03.06	2016.03.05
50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2015.06.06	2016.06.05
PreAmplifier	Agilent	8449B	60538	2014.10.25	2015.10.24
Loop Antenna	ARA	PLA-1030/B	1029	2015.06.08	2016.06.07
USB RF power sensor	DARE	RPR3006W	15I00041SNO03	2014.10.25	2015.10.24

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESPI	102086	2014.11.20	2015.11.19
LISN	R&S	ENV216	101242	2014.10.25	2015.10.24
LISN	EMCO	3810/2NM	000-23625	2014.10.25	2015.10.24



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

operating frequency band. In case the emission fall within the restricted band specified on Part 15.249&207(a) limit in the table below has to be followed.

Class B (dBuV)		Ctandard
Quasi-peak	Average	Standard
66 - 56 *	56 - 46 *	CISPR
56.00	46.00	CISPR
60.00	50.00	CISPR
	Quasi-peak 66 - 56 * 56.00	Quasi-peak Average 66 - 56 * 56 - 46 * 56.00 46.00

0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	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.

The following table is the setting of the receiver

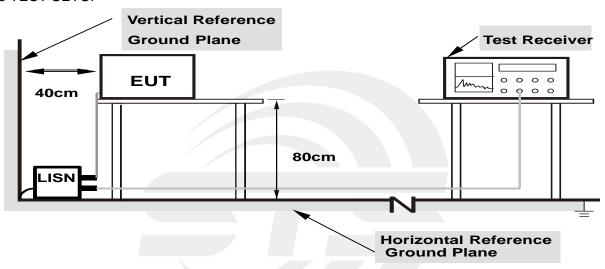
Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz



3.2 TEST PROCEDURE

- a. The EUT was placed 0.4 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.

3.3 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

3.4 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.



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3.5 TEST RESULTS

Temperature :	26 ℃	Relative Humidity:	54%
Pressure :	1010hPa	Phase :	L/N
Test Voltage :	DC 3.0V	Test Mode:	N/A

Not: Do not apply.





4. RADIATED EMISSION MEASUREMENT

4.1 RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on Part 15.249&205(d), then the Part15.249&209(d) limit in the table below has to be followed.

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

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)	Class B (dBuV/m) (at 3M)		
FREQUENCY (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).

Spectrum Parameter	Setting	
Attenuation	Auto	
Detector	Peak	
Start Frequency	1000 MHz(Peak/AV)	
Stop Frequency	10th carrier harmonic(Peak/AV)	
RB / VB (emission in restricted	4 NALI— / 4 NALI— AV/ 4 NALI— / 2 NALI—	
band)	1 MHz / 1 MHz, AV=1 MHz / 3 MHz	

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP





4.2 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters(above 1GHz is 1.5 m) above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m(above 1GHz is 1.5 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. Note:

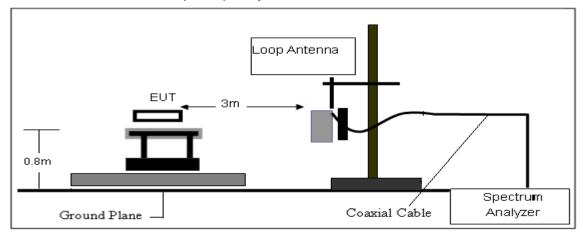
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported



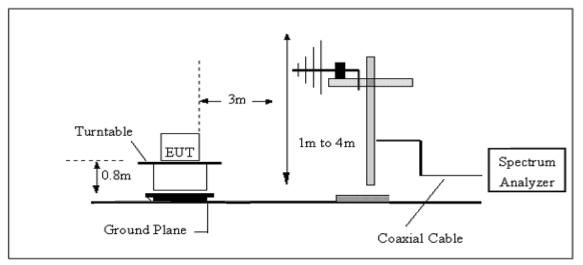


4.3 TEST SETUP

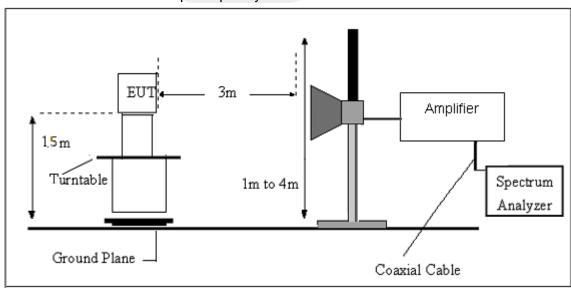
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



4.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



4.5 TEST RESULTS

(Between 9KHz - 30 MHz)

Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage:	DC 3.0V
Test Mode:	Mode 1	Polarization:	

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
				PASS
				PASS

NOTE:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor =40 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.



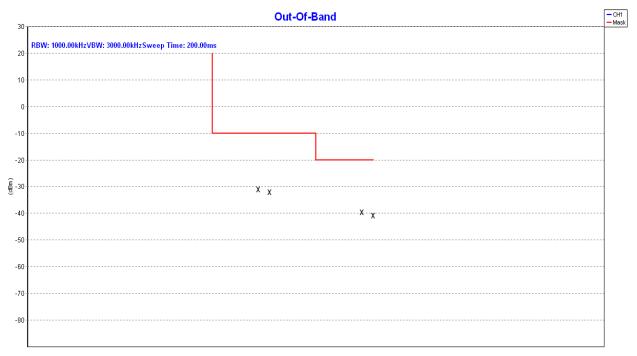
Between 30-1000MHz

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase:	Horizontal
Test Voltage:	DC 3.0V	Test Mode:	Mode 1

Frequency	Reading	Correct	Result	Limit	Margin	Remark
(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
30.7455	4.43	18.32	22.75	40.00	-17.25	QP
73.1025	5.00	6.84	11.84	40.00	-28.16	QP
135.0320	4.94	11.97	16.91	43.50	-26.59	QP
264.7457	4.49	14.97	19.46	46.00	-26.54	QP
459.1143	5.66	19.30	24.96	46.00	-21.04	QP
689.5643	7.81	23.36	31.17	46.00	-14.83	QP

Remark:

1. Factor = Antenna Factor + Cable Loss - Pre-amplifier.





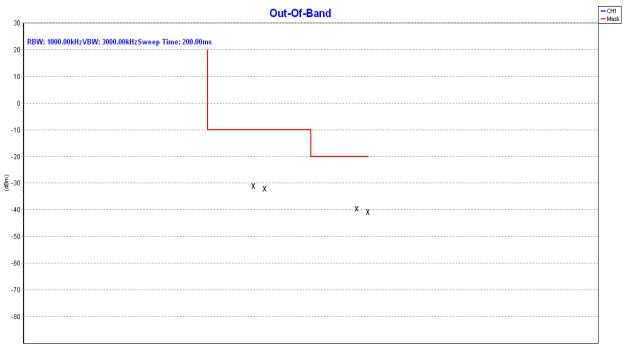
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Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	1010hPa	Phase:	Vertical
Test Voltage:	DC 3.0V	Test Mode:	Mode 1

Frequency	Reading	Correct	Result	Limit	Margin	Remark
(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
30.6380	4.25	18.37	22.62	40.00	-17.38	QP
68.8721	6.27	6.10	12.37	40.00	-27.63	QP
110.9571	6.09	11.84	17.93	43.50	-25.57	QP
135.9822	5.76	12.54	18.30	43.50	-25.20	QP
262.8955	4.74	14.97	19.71	46.00	-26.29	QP
545.1826	4.68	22.01	26.69	46.00	-19.31	QP

Remark:

1. Factor = Antenna Factor + Cable Loss - Pre-amplifier.



(MHz)



Above 1000 MHz

Temperature :	20 ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.0V

Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission Level (dBµV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
		I	Low Channel (2433 MHz)			
7299.00	58.16	-0.9	57.26	74	-16.74	PK	Vertical
7299.05	37.99	-0.9	37.09	54	-16.91	AV	Vertical
4866.01	59.03	-3.65	55.38	74	-18.62	PK	Horizontal
4865.99	40.73	-3.65	37.08	54	-16.92	AV	Horizontal
Mid Channel (2437 MHz)							
7311.02	59.87	-0.84	59.03	74	-14.97	PK	Vertical
7311.00	42.73	-0.84	41.89	54	-12.11	AV	Vertical
4874.05	59.98	-3.68	56.3	74	-17.7	PK	Horizontal
4874.01	43.52	-3.68	39.84	54	-14.16	AV	Horizontal
		ı	High Channel (2445 MHz)			
7334.97	60.01	-0.83	59.18	74	-14.82	PK	Vertical
7335.03	43.90	-0.83	43.07	54	-10.93	AV	Vertical
4890.03	59.80	-3.59	56.21	74	-17.79	PK	Horizontal
4890.04	44.28	-3.59	40.69	54	-13.31	AV	Horizontal

Remark:

^{1.} Factor = Antenna Factor + Cable Loss - Pre-amplifier.



4.6 TEST RESULTS (RESTRICTED BANDS REQUIREMENTS)

EUT:	band	Model Name :	T261
Temperature :	20 ℃	Relative Humidity:	48%
Pressure :	1010 hPa	Test Voltage :	DC 3.0V

Frequency (MHz)	Reading (dBuV)	Factor (dB)	Emission Level (dBµV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Comment
			GFSI	<			
2399.9	65.93	-12.99	52.94	74	-21.06	peak	Horizontal
2399.9	51.80	-12.99	38.81	54	-15.19	AVG	Horizontal
2483.6	66.09	-12.78	53.31	74	-20.69	peak	Vertical
2483.6	51.73	-12.78	38.95	54	-15.05	AVG	Vertical

Remark:

Low measurement frequencies is range from 2310 to 2400 MHz, high measurement frequencies is range from 2483.5 to 2500 MHz.

Only show the worst point data of the emissions in the frequency 2310-2400 MHz and 2483.5-2500 MHz.

^{1.} Factor = Antenna Factor + Cable Loss - Pre-amplifier.



5. CONDUCTED SPURIOUS AND BAND EDGE EMISSION

5.1 REQUIREMENT

According to FCC section 15.249(d), 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.

5.2 TEST PROCEDURE

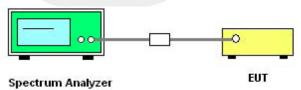
According to FCC section 15.249(d), modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 50dB below that in the bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

Spectrum Parameter	Setting	
Detector	Peak	
Start/Stop Frequency	30 MHz to 10th carrier harmonic	
RB / VB (emission in restricted band)	100 KHz/300 KHz	
Trace-Mode:	Max hold	

For Band edge

Spectrum Parameter	Setting	
Detector	Peak	
Start/Stan Eraguanay	Lower Band Edge: 2310 – 2440 MHz	
Start/Stop Frequency	Upper Band Edge: 2440 – 2500 MHz	
RB / VB (emission in restricted band)	100 KHz/300 KHz	
Trace-Mode:	Max hold	

5.3 TEST SETUP



The EUT which is powered by the Battery, is coupled to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 500hm; the path loss as the factor is calibrated to correct the reading. Make the measurement with the spectrum analyzer's resolution bandwidth(RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

5.4 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

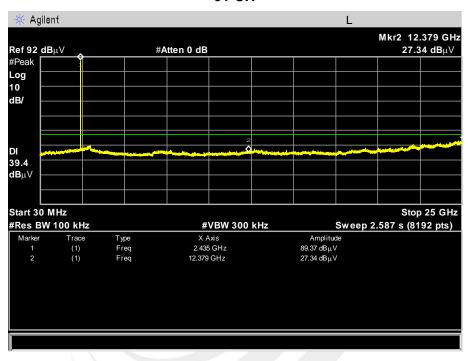


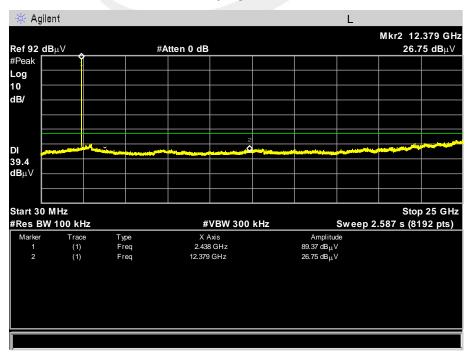


5.5 TEST RESULTS

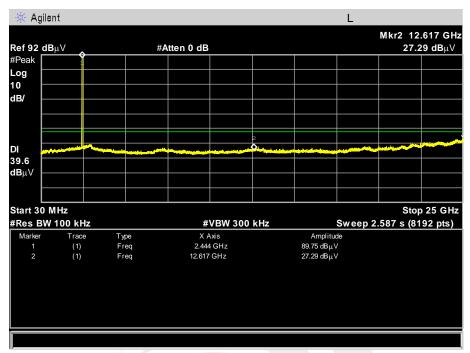
Temperature :	25 ℃	Relative Humidity:	50%
Pressure :	1012 hPa	Test Voltage :	DC 3.0V
Test Mode :	TX Mode /CH01, CH04		

01 CH





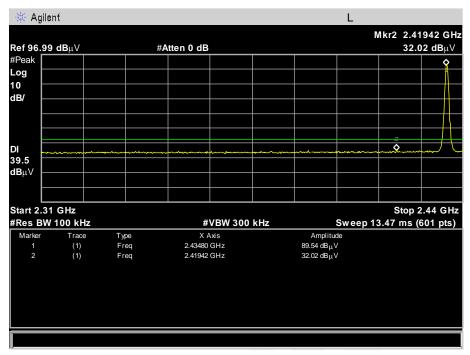


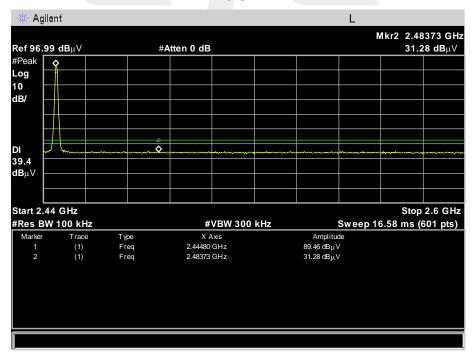






01 CH







6. FUNDAMENTAL AND HARMONICS RADIATED EMISSION

6.1 APPLIED PROCEDURES / LIMIT

For intentional radiators, according to section 15.249(a), operation within the frequency band of 2.4 to 2.4835GHz, the fundamental field strength shall not exceed 94 dBV/m and the harmonics shall not exceed 54 dBV/m.

Fundamental Frequency	Field Strength of Fundamental	Field Strength of harmonics
	(millivolts/meter)	(microvolts/meter)
902-928MHz	50	500
2400-2483.5MHz	50	500
5725-5875MHz	50	500
24.0-24.25GHz	250	2500

According to section 15.249(e), as shown in section 15.35(b), the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

6.2 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters(above 1GHz is 1.5 m) above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m(above 1GHz is 1.5 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.

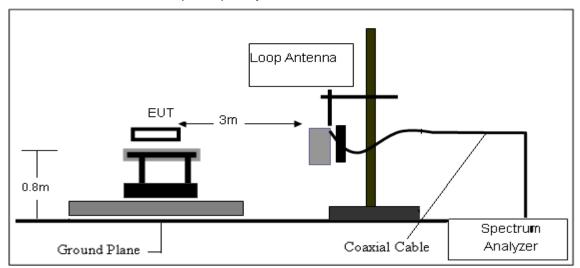
Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

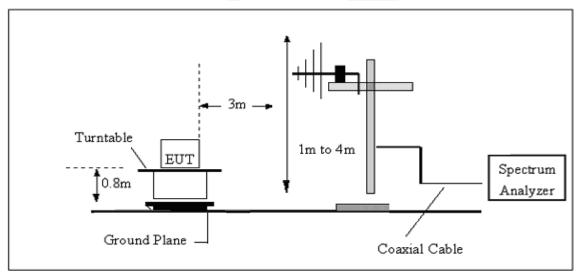


6.3 TEST SETUP

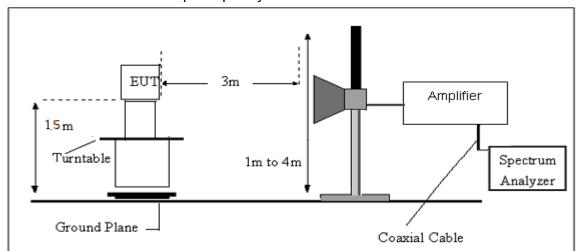
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz





6.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.

6.5 TEST RESULTS

Temperature :	25 ℃	Relative Humidity:	60%	
Pressure :	1012 hPa	Test Voltage :	DC 3.0V	
Test Mode :	TX Mode /CH01, CH02, CH04			

CH01

Frequency	Reading (dBµV/m)		Factor(dB)	Result(dBµV/m)		Limit(dBµV/m)		Margin(dB)		
(MHz)	AV	PK	Corr.	AV	PK	AV	PK	AV	PK	Polarization
2433	76.44	95.44	-7.46	68.98	87.98	94	114	-25.02	-26.02	Vertical
2433	74.67	93.68	-7.46	67.21	86.22	94	114	-26.79	-27.78	Horizontal
4866	53.66	75.19	-5.83	47.83	69.36	74	94	-26.17	-24.64	Vertical
4866	52.32	74.57	-5.83	46.49	68.74	74	94	-27.51	-25.26	Horizontal

CH02

Frequency	Reading (dBµV/m)		Factor(dB)	Result(dBµV/m)		Limit(dBµV/m)		Margin(dB)		
(MHz)	AV	PK	Corr.	AV	PK	AV	PK	AV	PK	Polarization
2437	77.57	95.51	-7.43	70.14	88.08	94	114	-23.86	-25.92	Vertical
2437	75.35	93.74	-7.43	67.92	86.31	94	114	-26.08	-27.69	Horizontal
4874	54.07	77.77	-5.79	48.28	71.98	74	94	-25.72	-22.02	Vertical
4874	52.61	75.62	-5.79	46.82	69.83	74	94	-27.18	-24.17	Horizontal

Frequency	Reading (dBµV/m)		Factor(dB)	Result(dBµV/m)		Limit(dBµV/m)		Margin(dB)		
(MHz)	AV	PK	Corr.	AV	PK	AV	PK	AV	PK	Polarization
2445	77.88	95.66	-7.38	70.50	88.28	94	114	-23.50	-25.72	Vertical
2445	77.15	93.64	-7.38	69.77	86.26	94	114	-24.23	-27.74	Horizontal
4890	53.68	74.60	-5.66	48.02	68.94	74	94	-25.98	-25.06	Vertical
4890	51.91	71.38	-5.66	46.25	65.72	74	94	-27.75	-28.28	Horizontal



7. ANTENNA REQUIREMENT

7.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: 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.

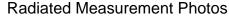
7.2 EUT ANTENNA

The EUT antenna is PCB Antenna. It comply with the standard requirement.

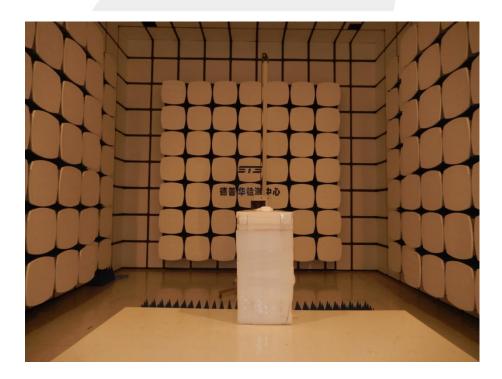




8. EUT TEST PHOTO







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