

FCC PART 15.247 TEST REPORT

For

Shenzhen Excera Technology Co., Ltd.

3rd Floor, Jiada R&D Building, No.5 Songpingshan Road , Hi-Tech Park North, Nanshan District , Shenzhen

FCC ID: 2AE6CEM8100U2

Report Type: Product Type:

Original Report Digital Mobile Radio

Report Number: RSZ170508003-00C

Report Date: 2017-06-14

Oscar Ye

Reviewed By: Engineer

Prepared By:

Bay Area Compliance Laboratories Corp. (Kunshan)

ascar Ye

No.248 Chenghu Road, Kunshan, Jiangsu province,

China

Tel: +86-0512-86175000 Fax: +86-0512-88934268 www.baclcorp.com.cn

Note: This test report is prepared for the customer shown above and for the equipment described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp.

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

The Shenzhen Excera Technology Co., Ltd.'s product, model number: EM8100 U2 (FCC ID: 2AE6CEM8100U2) in this report is a Digital Mobile Radio which was measured approximately: 174 mm (L) * 190 mm (W) * 60 mm (H), rated with input voltage: DC 13.6 V from DC power supply.

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Objective

This report is prepared on behalf of *Shenzhen Excera Technology Co., Ltd.* in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commission's rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.209 and 15.247 rules.

Related Submittal(s)/Grant(s)

Part 15.247 DSS and FCC Part 90 TNB submissions with FCC ID: 2AE6CEM8100U2.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Kunshan). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

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^{*} All measurement and test data in this report was gathered from production sample serial number: 1700928 (Assigned by BACL, Kunshan). The EUT supplied by the applicant was received on 2017-05-08.

Measurement Uncertainty

	Item	Uncertainty
RF conducte	d test with spectrum	±0.9dB
RF Output Power with Power meter		±0.5dB
Radiated emission	30MHz~1GHz	±5.91dB
Radiated emission	Above 1G	±4.92dB
Occupied Bandwidth		±0.5kHz
Temperature		±1.0℃
F	Iumidity	±6%

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Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Kunshan) to collect test data is located on the No.248 Chenghu Road, Kunshan, Jiangsu province, China

Bay Area Compliance Laboratories Corp. (Kunshan) has been accredited to ISO/IEC 17025 by CNAS(Lab code: L9963). And accredited to ISO/IEC 17025 by A2LA(Lab code: 4323.01), the FCC Designation No. CN1185 under the KDB 974614 D01.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 815570. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

Bay Area Compliance Laboratories Corp. (Kunshan) was registered with ISED Canada under ISED Canada Registration Number 3062E.

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SYSTEM TEST CONFIGURATION

Description of Test Configuration

For BLE mode, 40 channels are provided to testing

Channel	Frequency (MHz) Channel		Frequency (MHz)
0	2402	20	2442
1	2404	21	2444
2	2406	22	2446
3	2408	23	2448
4	2410	24	2450
5	2412	25	2452
6	2414	26	2454
7	2416	27	2456
8	2418	28	2458
9	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	39	2480

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EUT was tested with Channel 0, 19 and 39.

Equipment Modifications

No modification was made to the EUT tested.

Equipment Modifications

No modification was made to the EUT tested.

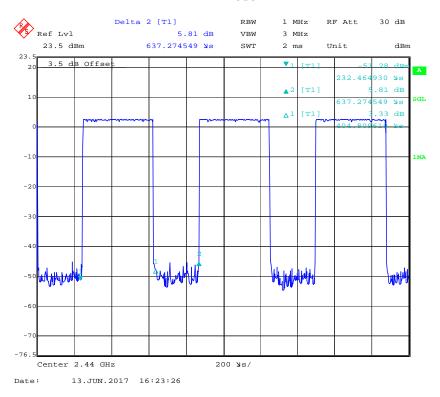
The device was tested with the duty cycle and the worst case was performed as below:

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Duty cycle

BLE Mode

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Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting	10log(1/x)
BLE	63.5	404.8	2.47	3kHz	1.97

EUT Exercise Software

"bluetest3" software was used..

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
/	DC Power Supply	/	/

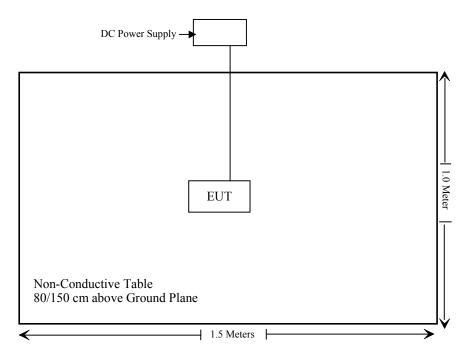
External I/O Cable

Cable Description	Length (m)	From Port	То
Un-shielding Detachable DC Cable	1.5	DC Power supply	EUT

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Block Diagram of Test Setup

For radiated emission



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SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.247 (i) & §1.1307 (b) (1) & §2.1091	MaximuM Permissible exposure (MPE)	Compliance
§15.203	Antenna Requirement	Compliance
§15.207(a)	AC Line Conducted Emissions	Not Applicable
§15.205, §15.209, §15.247(d)	Spurious Emissions	Compliance
§15.247 (a)(2)	6 dB Emission Bandwidth	Compliance
§15.247(b)(3)	Maximum Conducted Output Power	Compliance
§15.247(d)	100 kHz Bandwidth of Frequency Band Edge	Compliance
§15.247(e)	Power Spectral Density	Compliance

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Note: The EUT is powered by DC power.

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TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date			
	Radiation test							
Sonoma Instrunent	Amplifier	330	171377	2016-12-12	2017-12-12			
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2016-11-25	2017-11-25			
Sunol Sciences	Broadband Antenna	JB3	A090314-2	2016-01-09	2019-01-08			
Narda	Pre-amplifier	AFS42- 00101800	2001270	2016-09-08	2017-09-08			
EMCO	Horn Antenna	3116	00084159	2016-10-18	2019-10-17			
Rohde & Schwarz	Signal Analyzer	FSIQ26	100048	2016-11-25	2017-11-25			
ETS	Horn Antenna	3115	6229	2016-01-11	2019-01-10			
R&S	Auto test Software	EMC32	V 09.10.0	NCR	NCR			
haojintech	Coaxial Cable	Cable-1	001	2016-12-12	2017-12-12			
haojintech	Coaxial Cable	Cable-2	002	2016-12-12	2017-12-12			
haojintech	Coaxial Cable	Cable-3	003	2016-12-12	2017-12-12			
MICRO-COAX	Coaxial Cable	Cable-4	004	2016-12-12	2017-12-12			
MICRO-COAX	Coaxial Cable	Cable-5	005	2016-12-12	2017-12-12			
	RF	Conducted test						
BACL	TS 8997 Cable-01	T-KS-EMC086	T-KS- EMC086	2016-12-09	2017-12-08			
BACL	RF cable	KS-LAB-012	KS-LAB-012	2016-12-15	2017-12-15			
WEINSCHEL	10dB Attenuator	5328	N/A	2016-06-18	2017-06-18			
Agilent	Power Meter	N1912A	MY5000492	2016-11-17	2017-11-16			
Agilent	Power Sensor	N1921A	MY54210024	2016-11-17	2017-11-16			
Rohde & Schwarz	Signal Analyzer	FSIQ26	836131/009	2016-09-21	2017-09-21			

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^{*} **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Kunshan) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §15.247 (i) & §1.1307 (b) (1) & §2.1091-**MAXIMUM PERMISSIBLE EXPOSURE (MPE)**

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Applicable Standard

According to subpart 15.247 (i) and subpart 1.1307 (b)(1), 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

Limits for General Population/Uncontrolled Exposure

Limits for General Population/Uncontrolled Exposure						
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (Minutes)		
0.3-1.34	614	1.63	*(100)	30		
1.34-30	824/f	2.19/f	$*(180/f^2)$	30		
30-300	27.5	0.073	0.2	30		
300-1500	/	/	f/1500	30		
1500-100,000	/	/	1.0	30		

f = frequency in MHz

Result

Calculated Formulary:

Predication of MPE limit at a given distance

$$S = \frac{PG}{4\pi R^2}$$

S = power density (in appropriate units, e.g. mW/cm2)

P = power input to the antenna (in appropriate units, e.g., mW).
G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain.

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_{i} \frac{S_{i}}{S_{Limit,i}} \leq 1$$

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^{* =} Plane-wave equivalent power density

Frequency	Antenna Gain		Conducted Power		Evaluation	Power	MPE Limit
(MHz)	(dBi)	(numeric)	(dBm)	(mW)	Distance (cm)	Density (mW/cm ²)	(mW/cm ²)
2402-2480	-0.5	0.89	5.0	3.16	60	0.0001	1

Simultaneous transmitting consideration:

Refer to the part 90 TNB report, the highest MPE for UHF band is 1.13 mW/cm²

$$\sum_{i} \frac{S_{i}}{S_{Limit,i}} = 0.0001/1 + 1.13/1.5 = 0.7534 < 1$$

Note: To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 60cm from nearby persons.

Result: Compliance

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FCC §15.203 - ANTENNA REQUIREMENT

Applicable Standard

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

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- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.

Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has an internal antenna arrangement, which was permanently attached and the antenna gain is - 0.5 dBi, fulfill the requirement of this section. Please refer to the EUT photos.

Result: Compliance.

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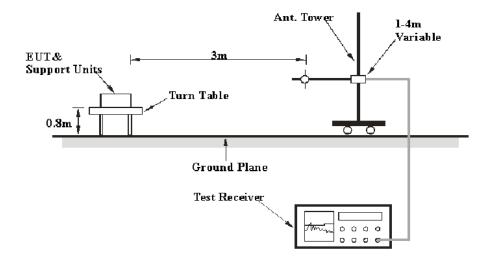
FCC §15.209, §15.205 & §15.247(d) - SPURIOUS EMISSIONS

Applicable Standard

FCC §15.247 (d); §15.209; §15.205;

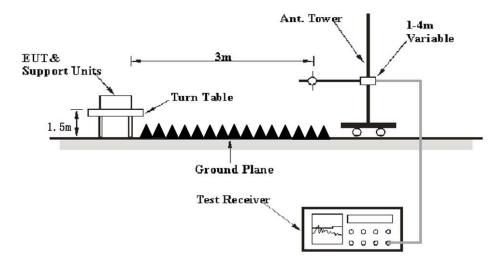
EUT Setup

Below 1 GHz:



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Above 1GHz:



The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 limits.

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EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 30 MHz to 25 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

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Frequency Range	RBW	Video B/W	IF B/W	Detector
30 MHz – 1000 MHz	100 kHz	300 kHz	120 kHz	QP
	1MHz	3 MHz	/	PK
Above 1 GHz	1MHz	10 Hz Note 1	/	Ave.
	1MHz	>1/T Note 2	/	Ave.

Note 1: when duty cycle is no less than 98%

Note 2: when duty cycle is less than 98%

Test Procedure

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

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1 GHz, peak and Average detection modes for frequencies above 1 GHz.

Corrected Amplitude & Margin Calculation

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

Corrected Amplitude = Meter Reading + Antenna Factor + Cable Loss - Amplifier Gain

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

Margin = Limit – Corrected Amplitude

Test Results Summary

According to the recorded data in following table, the EUT complied with the <u>FCC Title 47, Part 15, Subpart C</u>, section 15.205, 15.209 and 15.247.

Refer to CISPR16-4-2:2011 and CISPR 16-4-1:2009, the measured level complies with the limit if

$$L_{\rm m} + U_{(L{\rm m})} \leq L_{\rm lim} + U_{\rm cispr}$$

In BACL, $U_{(Lm)}$ is less than U_{cispr} , if L_m is less than L_{lim} , it implies that the EUT complies with the limit.

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Test Data

Environmental Conditions

Temperature:	22 °C	
Relative Humidity:	48 %	
ATM Pressure:	101.0 kPa	

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The testing was performed by Layne Li on 2017-05-22.

EUT operation mode: Transmitting

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30 MHz-25 GHz:

Frequency	Ro	eceiver	reiver Turntable Rx Antenna		itenna	Corrected Corrected	FCC Part 15.247/205/209		
(MHz)	Reading (dBµV)	Detector (PK/QP/Ave.)		Height (m)	Polar (H/V)		Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
			Low Ch	annel (2	2402 M	Hz)			
477.85	22.5	QP	307	1.4	Н	4.39	26.89	46	19.11
2402.00	85.77	PK	136	1.8	Н	-6.19	79.58	/	/
2402.00	80.52	Ave.	136	1.8	Н	-6.19	74.33	/	/
2402.00	94.87	PK	106	1.3	V	-6.19	88.68	/	/
2402.00	89.65	Ave.	106	1.3	V	-6.19	83.46	/	/
2369.79	67.76	PK	117	1.7	V	-6.19	61.57	74	12.43
2369.79	54.29	Ave.	117	1.7	V	-6.19	48.10	54	5.90
2345.43	68.71	PK	260	2.3	V	-6.42	62.29	74	11.71
2345.43	54.42	Ave.	260	2.3	V	-6.42	48.00	54	6.00
2488.65	68.05	PK	126	1.5	V	-5.97	62.08	74	11.92
2488.65	54	Ave.	126	1.5	V	-5.97	48.03	54	5.97
4804.00	51.36	PK	151	1.3	V	1.6	52.96	74	21.04
4804.00	40.39	Ave.	151	1.3	V	1.6	41.99	54	12.01
			Middle (Channel	(2440M	IHz)			
477.85	22.4	QP	231	1.7	Н	4.39	26.79	46	19.21
2440.00	85.78	PK	273	1.1	Н	-6.19	79.59		
2440.00	80.32	Ave.	273	1.1	Н	-6.19	74.13	/	/
2440.00	95.55	PK	133	1.8	V	-6.19	89.36	/	/
2440.00	90.33	Ave.	133	1.8	V	-6.19	84.14	/	/
2345.43	67.87	PK	45	1.8	V	-6.42	61.45	74	12.55
2345.43	54.4	Ave.	45	1.8	V	-6.42	47.98	54	6.02
2364.50	67.8	PK	149	1.9	V	-6.19	61.61	74	12.39
2364.50	54.29	Ave.	149	1.9	V	-6.19	48.10	54	5.90
2499.43	67.57	PK	203	1.7	V	-5.97	61.60	74	12.40
2499.43	53.99	Ave.	203	1.7	V	-5.97	48.02	54	5.98
4880.00	51.83	PK	243	1.0	V	1.83	53.66	74	20.34
4880.00	39.75	Ave.	243	1.0	V	1.83	41.58	54	12.42

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Frequency	Re	eceiver	Turntable	Rx Ar	itenna		ected Corrected	_	C Part 7/205/209
(MHz)	Reading (dBµV)	Detector (PK/QP/Ave.)	Degree	Height (m)	Polar (H/V)	Factor (dB)	Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
			High Ch	annel (2480 M	Hz)			
477.85	21.93	QP	321	2.1	Н	4.39	26.32	46	19.68
2480.00	84.93	PK	134	1.2	Н	-5.97	78.96		
2480.00	79.73	Ave.	134	1.2	Н	-5.97	73.76	/	/
2480.00	93.65	PK	23	2.3	V	-5.97	87.68	/	/
2480.00	88.76	Ave.	23	2.3	V	-5.97	82.79	/	/
2373.00	67.41	PK	157	2.2	V	-6.19	61.22	74	12.78
2373.00	54.28	Ave.	157	2.2	V	-6.19	48.09	54	5.91
2491.56	67.49	PK	105	2.2	V	-5.97	61.52	74	12.48
2491.56	54.01	Ave.	105	2.2	V	-5.97	48.04	54	5.96
2492.23	67.53	PK	281	1.7	V	-5.97	61.56	74	12.44
2492.23	54	Ave.	281	1.7	V	-5.97	48.03	54	5.97
4960.00	53.36	PK	67	2.0	V	2.06	55.42	74	18.58
4960.00	40.28	Ave.	67	2.0	V	2.06	42.34	54	11.66

Note

 $\label{eq:corrected_factor} \begin{aligned} & \text{Corrected Factor} = \text{Antenna factor} \ (RX) + \text{Cable Loss} - \text{Amplifier Factor} \\ & \text{Corrected Amplitude} = \text{Corrected Factor} + \text{Reading} \end{aligned}$

Margin = Limit - Corrected. Amplitude

The other spurious emission which is 20dB to the limit was not recorded.

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FCC $\S15.247(a)$ (2) – 6 dB EMISSION BANDWIDTH

Applicable Standard

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

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Test Procedure

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- 3. Measure the frequency difference of two frequencies that were attenuated 6 dB from the reference level. Record the frequency difference as the emission bandwidth.
- 4. Repeat above procedures until all frequencies measured were complete.



Test Data

Environmental Conditions

Temperature:	25 °C	
Relative Humidity:	50 %	
ATM Pressure:	101.0 kPa	

The testing was performed by Alisa Gao on 2017-06-01.

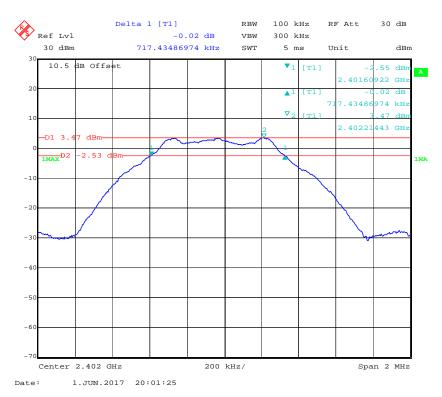
EUT operation mode: Transmitting

Test Result: Compliance. Please refer to following table and plots.

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Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (kHz)
Low	2402	0.72	≥500
Middle	2440	0.72	≥500
High	2480	0.72	≥500

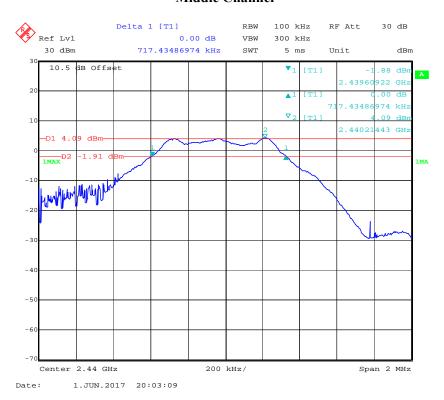
Low Channel



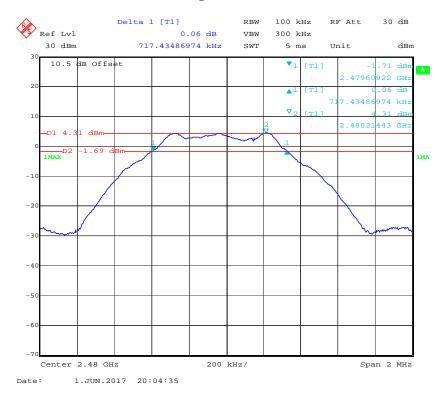
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Middle Channel

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High Channel



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FCC §15.247(b) (3) - MAXIMUM CONDUCTED OUTPUT POWER

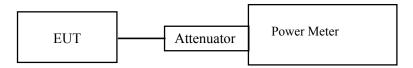
Applicable Standard

According to FCC §15.247(b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

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Test Procedure

- 1. Place the EUT on a bench and set it in transmitting mode.
- 2. Connected EUT to the power sensor with a low loss RF cable, Add a correction factor to the power meter.
- 3. Set power meter detector to peak and record the valure for Peak Output Power, Set power meter detector to Average and record the valure for Average Output Power.
- 4. Repeated 3 until this measurement was finished.



Test Data

Environmental Conditions

Temperature:	25 ℃
Relative Humidity:	50 %
ATM Pressure:	101.0 kPa

The testing was performed by Alisa Gao on 2017-06-01.

Test Result: Compliance. Please refer to following table and plots.

EUT operation mode: Transmitting

Channel	Frequency (MHz)	Max Peak Output Power (dBm)	Limit (dBm)	Result
Low	2402	3.84	30	Pass
Middle	2440	4.27	30	Pass
High	2480	4.61	30	Pass

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FCC §15.247(d) – 100 kHz BANDWIDTH OF FREQUENCY BAND EDGE

Report No.: RSZ170508003-00C

Applicable Standard

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Test Procedure

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- 3. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
- 4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
- 5. Repeat above procedures until all measured frequencies were complete.



Test Data

Environmental Conditions

Temperature:	25 ℃
Relative Humidity:	50 %
ATM Pressure:	101.0 kPa

The testing was performed by Alisa Gao on 2017-06-01.

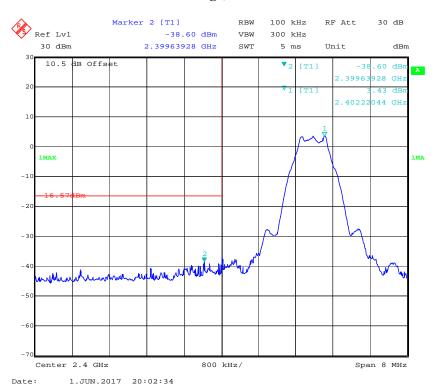
Test Result: Compliance. Please refer to following table and plots.

EUT operation mode: Transmitting

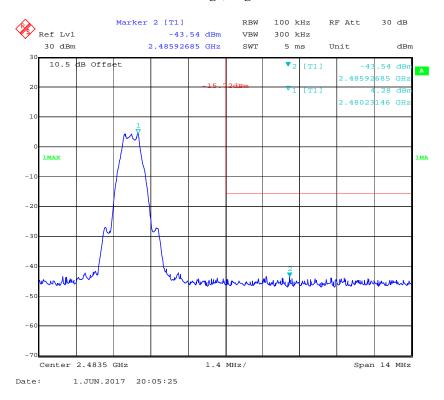
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Band Edge, Left Side

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Band Edge, Right Side



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FCC §15.247(e) - POWER SPECTRAL DENSITY

Applicable Standard

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

Report No.: RSZ170508003-00C

Test Procedure

- 1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
- 2. Set the RBW to: $3kHz \le RBW \le 100 \text{ kHz}$.
- 3. Set the VBW $> 3 \times RBW$.
- 4. Set the span to 1.5 times the DTS bandwidth.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum amplitude level within the RBW.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.



Test Data

Environmental Conditions

Temperature:	25 ℃		
Relative Humidity:	50 %		
ATM Pressure:	101.0 kPa		

The testing was performed by Alisa Gao on 2017-06-01.

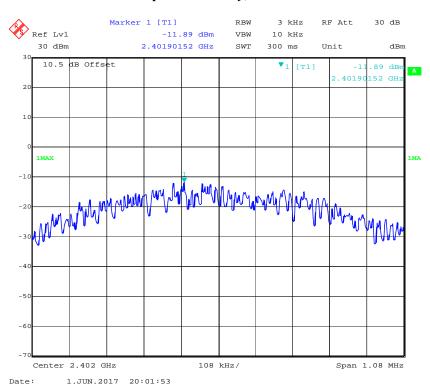
Test Result: Compliance. Please refer to following table and plots.

EUT operation mode: Transmitting

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Channel	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)
Low	2402	-11.89	≤8
Middle	2440	-11.4	≤8
High	2480	-11.11	≤8

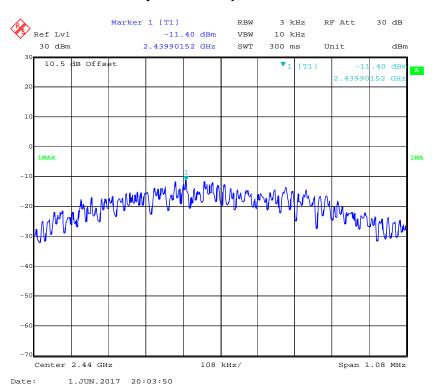
Power Spectral Density, Low Channel



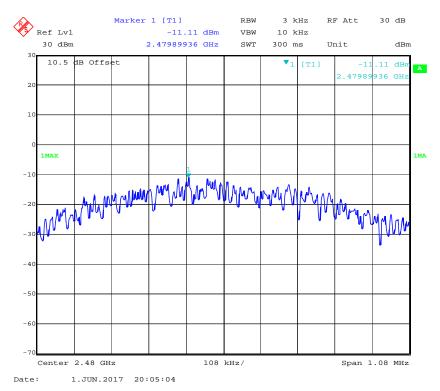
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Power Spectral Density, Middle Channel

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Power Spectral Density, High Channel



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

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