



# FCC PART 15.247

# **TEST REPORT**

For

# Sublue Underwater AI Co.,Ltd.

NO1, QUANZHOURROAD, ZHONGGUANCUNSCIENCE AND TECH. PARK ,BINHAI TIANJIN CHN

# FCC ID: 2ASEE-AP1001

<b>Report Type:</b> Original Report		<b>Product Type:</b> Sublue Underwater S	Scooter	
Report Number:	RBJ19060	3051-00		
Report Date:	2019-07-09	9		
Reviewed By: Test Laboratory:	Bay Area (			
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**Note:** This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan). This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA\* or any agency of the Federal Government. \* This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk "\*".

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## **GENERAL INFORMATION**

#### **Product Description for Equipment under Test (EUT)**

EUT Name:	Sublue Underwater Scooter
EUT Model:	Seabow
<b>Operation Frequency:</b>	2402-2480 MHz
Maximum Output Power (Conducted):	-1.88dBm
Modulation Type:	GFSK
Rated Input Voltage:	DC14.8V from Battery
External Dimension:	490mm(L)*330mm(W)*180mm(H)
Serial Number:	190603051
EUT Received Date:	2019-06-04

#### Objective

This report is prepared on behalf of *Sublue Underwater AI Co.,Ltd.* in accordance with Part 2, Subpart J, Part 15, Subparts A and C of the Federal Communications Commission's rules

The tests were performed in order to determine the compliance of the EUT with FCC Rules Part 15-Subpart C, section 15.203, 15.205, 15.209, 15.247 rules.

### **Related Submittal(s)/Grant(s)**

No related submittal.

#### **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 and KDB 558074 D01 DTS Meas Guidance v05r02.

All emissions measurement was performed and Bay Area Compliance Laboratories Corp. (Dongguan).

## **Measurement Uncertainty**

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.61dB
Power Spectral Density, conducted	±0.61 dB
Unwanted Emissions, radiated	30M~200MHz: 4.55 dB,200M~1GHz: 5.92 dB,1G~6GHz: 4.98 dB, 6G~18GHz: 5.89 dB,18G~26.5G:5.47 dB,26.5G~40G:5.63 dB
Unwanted Emissions, conducted	±1.5 dB
Temperature	$\pm 1$ °C
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	3.12 dB (150 kHz to 30 MHz)

#### **Test Facility**

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218, the FCC Designation No. : CN1220.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier : CN0022.

## SYSTEM TEST CONFIGURATION

#### **Description of Test Configuration**

The system was configured for testing in engineering mode.

For Bluetooth LE mode, 40 channels are provided for testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	20	2442
1	2404		
		38	2478
19	2440	39	2480

EUT was tested with channel 0, 19 and 39.

#### **Equipment Modifications**

No modification was made to the EUT tested.

## **EUT Exercise Software**

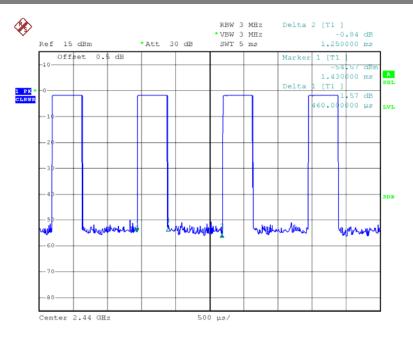
The maximum power was configured by test software 'BlueNRG GUI v3.0.0 ' as below setting, which was provided by manufacture.

Channel	Frequency (MHz)	Power level Setting
Low	2402	4
Middle	2440	5
High	2480	5

The duty cycle as below:

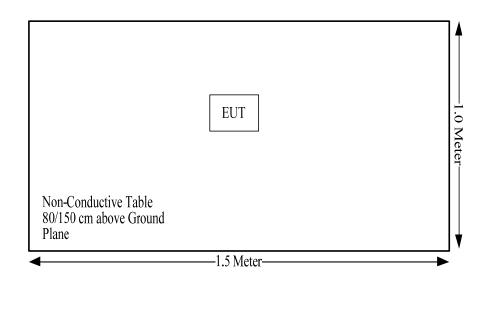
T <sub>on</sub>	T <sub>on+off</sub>	Duty Cycle
(ms)	(ms)	(%)
0.460	1.250	36.8

#### Report No.: RBJ190603051-00



Date: 3.JUL.2019 23:04:02

## **Block Diagram of Test Setup**



# SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
FCC§15.247 (i) & §1.1310 & §2.1093	RF Exposure	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 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

*Note: the device was powered by battery when operating.* 

# FCC §15.247 (i) & §1.1310 & §2.1093- RF EXPOSURE

#### **Applicable Standard**

According to \$15.247(i) and \$1.1310, systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to KDB447498 D01 General RF Exposure Guidance v06:

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq$  50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance,

mm)]  $\cdot [\sqrt{f(GHz)}] \le 3.0$  for 1-g SAR and  $\le 7.5$  for 10-g extremity SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

#### **Measurement Result**

The max conducted power including tune-up tolerance is -1.0 dBm (0.79 mW). [(max. power of channel, mW)/(min. test separation distance, mm)][ $\sqrt{f(GHz)}$ ] = 0.79/5\*( $\sqrt{2.480}$ ) = 0.3< 3.0

#### So the stand-alone SAR evaluation is not necessary.

# 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:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

## **Antenna Information And Connector Construction**

The EUT has one internal antenna arrangement for BT, and the antenna gain is -1.46 dBi, fulfill the requirement of this section. Please refer to the EUT photos.

Result: Compliance.

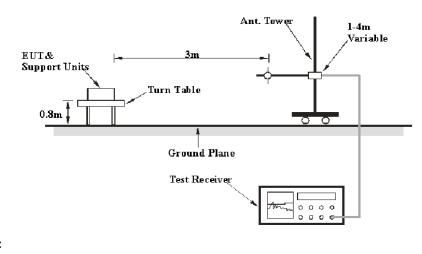
# FCC §15.209, §15.205, §15.247(d) - SPURIOUS EMISSIONS

## **Applicable Standard**

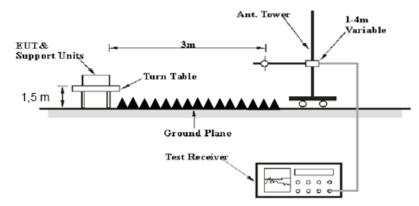
FCC §15.247 (d); §15.209; §15.205

## **EUT Setup**

## Below 1GHz:



#### Above 1GHz:



The radiated emission tests were performed in the 3 meters chamber A test site for the range 30MHz to 1GHz and the 3 meters chamber B test site for above 1GHz, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 limits.

The spacing between the peripherals was 10 cm.

#### 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:

30MHz-1000MHz:

Measurement	RBW	Video B/W	IF B/W
QP	120 kHz	300 kHz	120kHz

1GHz-25GHz:

Measurement	Duty cycle	RBW	Video B/W	
PK	Any	1MHz	3 MHz	
437	>98%	1MHz	10 Hz	
AV	<98%	1MHz	1/T	

Note: T is minimum transmission duration

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

#### **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

#### Report No.: RBJ190603051-00

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2018-12-10	2019-12-10
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A
Sunol Sciences	Antenna	JB3	A060611-1	2017-11-10	2020-11-10
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2018-09-05	2019-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2018-09-05	2019-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2019-05-06	2020-05-06
HP	Amplifier	8447D	2727A05902	2018-09-05	2019-09-05
Agilent	Spectrum Analyzer	E4440A	SG43360054	2019-01-04	2020-01-04
ETS-Lindgren	Horn Antenna	3115	000 527 35	2018-10-12	2021-10-12
MITEQ	Amplifier	AFS42-00101800- 25-S-42	2001271	2018-09-05	2019-09-05
Unknown	Coaxial Cable	C-SJSJ-50	C-0800-01	2018-09-05	2019-09-05
Unknown	Coaxial Cable	C-2.4J2.4J-50	C-0700-02	2019-06-27	2020-06-27
Ducommun Technolagies	Horn Antenna	ARH-4223-02	1007726-01 1304	2016-11-18	2019-11-18
Quinstar	Amplifier	QLW-18405536-JO	15964001001	2019-06-27	2020-06-27
E-Microwave	Band-stop Filters	OBSF-2400-2483.5- S	OE01601525	2019-06-16	2020-06-16
Micro-tronics	High Pass Filter	HPM50111	S/N-G217	2019-06-16	2020-06-16

## **Test Equipment List and Details**

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

## **Test Data**

## **Environmental Conditions**

Test Items	Radiation Below 1GHz	Radiation Above 1GHz
Temperature:	28 °C	28.2 °C
<b>Relative Humidity:</b>	47%	50 %
ATM Pressure:	100.2 kPa	100.1 kPa
Tester:	Tyler Pan	Lucy Lu
Test Date:	2019-06-28	2019-07-01

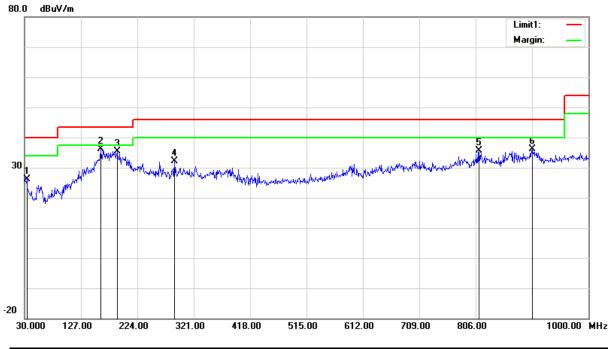
Test Mode: Transmitting

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

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### 1) 30MHz-1GHz (Middle Channel was the worst):

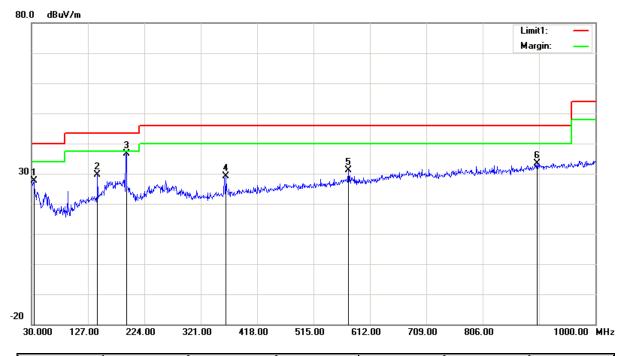
#### Horizontal:



Frequency (MHz)	Receiver Reading (dBuV)	Detector	Correction Factor (dB/m)	Cord. Amp. (dBuV/m)	Limit (dBuV/m)	Margin (dB)
33.8800	27.33	peak	-1.29	26.04	40.00	13.96
160.9500	42.14	peak	-5.96	36.18	43.50	7.32
190.0500	42.59	peak	-7.16	35.43	43.50	8.07
288.0200	36.20	peak	-4.03	32.17	46.00	13.83
811.8200	30.76	peak	4.80	35.56	46.00	10.44
903.9700	36.03	peak	0.16	36.19	46.00	9.81

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## Vertical:



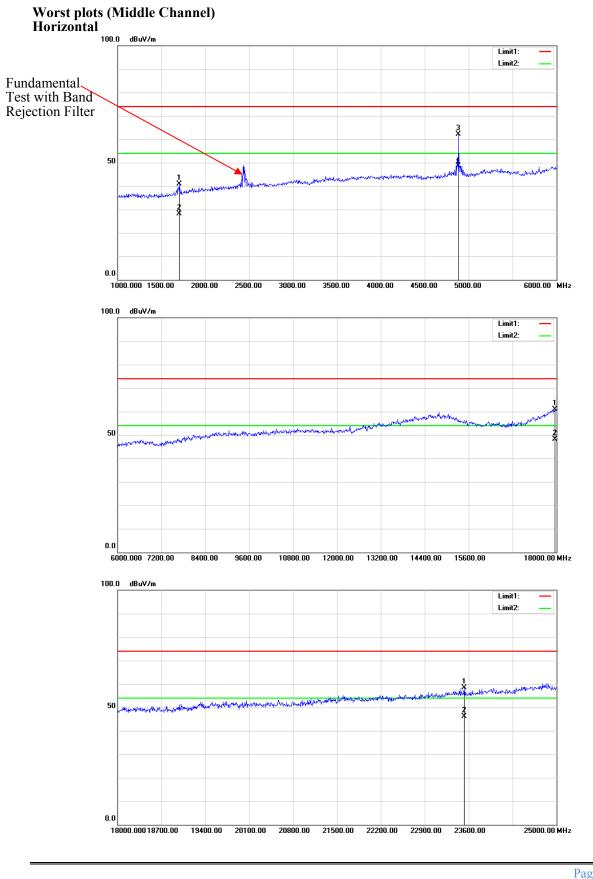
Frequency (MHz)	Receiver Reading (dBuV)	Detector	Correction Factor (dB/m)	Cord. Amp. (dBuV/m)	Limit (dBuV/m)	Margin (dB)
33.8800	28.90	peak	-1.29	27.61	40.00	12.39
143.4900	35.52	peak	-5.95	29.57	43.50	13.93
192.9600	43.42	peak	-6.89	36.53	43.50	6.97
364.6500	31.99	peak	-2.82	29.17	46.00	16.83
575.1400	29.99	peak	1.10	31.09	46.00	14.91
900.0900	33.24	peak	0.12	33.36	46.00	12.64

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#### 2) 1-25GHz:

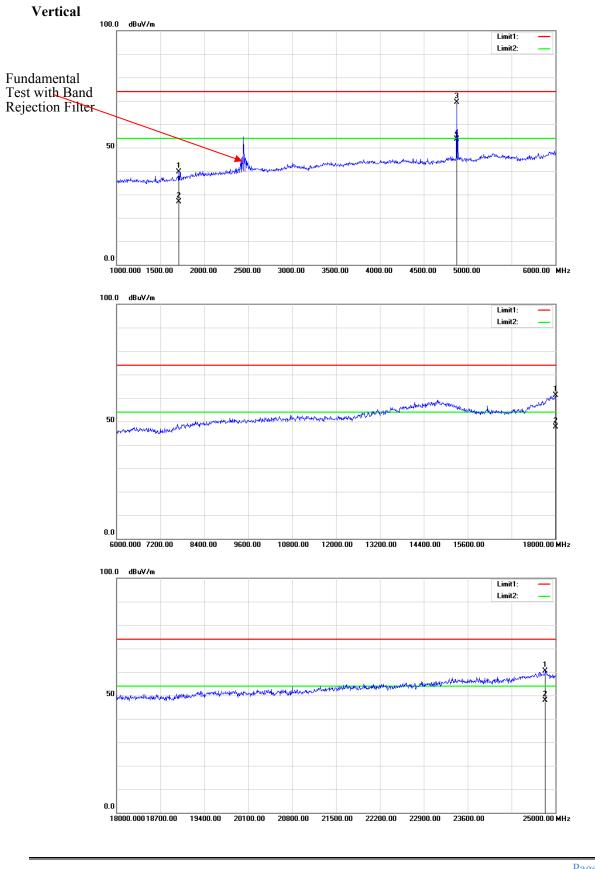
E	Re	eceiver	Rx A	ntenna	Cable	Amplifier	Corrected	T •	Maria
Frequency (MHz)	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB/m)	loss (dB)	Gain (dB)	Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
			Lc	w Channe	l: 2402 M	Hz			
2390.00	26.90	PK	V	28.08	1.80	0.00	56.78	74.00	17.22
2390.00	14.24	AV	V	28.08	1.80	0.00	44.12	54.00	9.88
4804.00	68.42	PK	V	32.91	3.17	37.20	67.30	74.00	6.70
4804.00	52.09	AV	V	32.91	3.17	37.20	50.97	54.00	3.03
7206.00	46.58	PK	V	35.74	4.82	37.23	49.91	74.00	24.09
7206.00	33.56	AV	V	35.74	4.82	37.23	36.89	54.00	17.11
			Mic	ldle Chann	el: 2440 l	MHz			
4880.00	70.36	PK	V	33.06	3.27	37.21	69.48	74.00	4.52
4880.00	54.41	AV	V	33.06	3.27	37.21	53.53	54.00	0.47
7320.00	46.52	PK	V	36.03	4.62	37.37	49.80	74.00	24.20
7320.00	35.26	AV	V	36.03	4.62	37.37	38.54	54.00	15.46
High Channel: 2480 MHz									
2483.50	35.65	PK	V	28.27	1.84	0.00	65.76	74.00	8.24
2483.50	15.88	AV	V	28.27	1.84	0.00	45.99	54.00	8.01
4960.00	68.84	PK	V	33.22	3.23	37.25	68.04	74.00	5.96
4960.00	52.51	AV	V	33.22	3.23	37.25	51.71	54.00	2.29
7440.00	46.35	PK	V	36.34	4.41	37.52	49.58	74.00	24.42
7440.00	35.69	AV	V	36.34	4.41	37.52	38.92	54.00	15.08

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# FCC §15.247(a) (2) –6 dB EMISSION BANDWIDTH

## **Applicable Standard**

According to FCC §15.247(a) (2)

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.

#### **Test Procedure**

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW)  $\ge 3 \times RBW$ .
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.



#### **Test Equipment List and Details**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100478	2019-05-09	2020-05-09
Unknown	Coaxial Cable	C-SJ00-0010	C0006/02	Each time	N/A

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

#### **Test Data**

#### **Environmental Conditions**

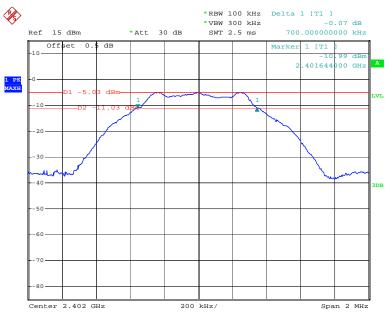
Temperature:	24.2 °C
<b>Relative Humidity:</b>	42 %
ATM Pressure:	100.2 kPa
Tester:	Andy Huang
Test Date:	2019-07-03

*Test Mode: Transmitting Test Result: Compliance. Please refer to the following table and plots.* 

#### Report No.: RBJ190603051-00

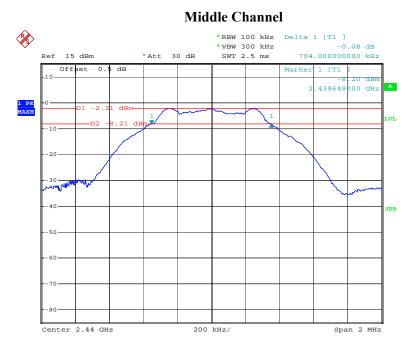
Bay Area	Compliance	Laboratories	Corp.	(Dongguan)
	r · · · ·		<b>F</b> -	( 00000)

Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	Limit (MHz)
Low	2402	0.700	≥0.5
Middle	2440	0.704	≥0.5
High	2480	0.712	≥0.5

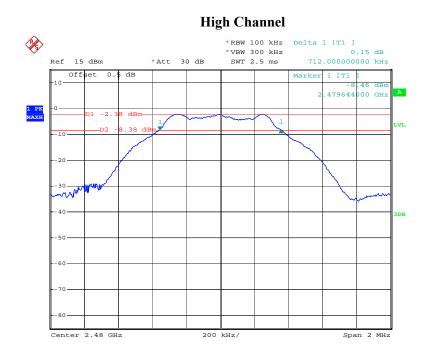


#### Low Channel

Date: 3.JUL.2019 22:57:54



Date: 3.JUL.2019 23:00:06



Date: 3.JUL.2019 23:01:35

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

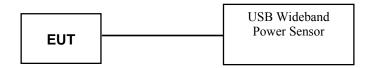
## **Applicable Standard**

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.

#### **Test Procedure**

- 1. Place the EUT on a bench and set it in transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to test equipment.
- 3. Add a correction factor to the display.

4.



## **Test Equipment List and Details**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Unknown	Coaxial Cable	C-SJ00-0010	C0006/02	Each time	N/A
Agilent	USB Wideband Power Sensor	U2022XA	MY5417006	2018-12-10	2019-12-10

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

# Test Data

## **Environmental Conditions**

Temperature:	24.2 °C
<b>Relative Humidity:</b>	42 %
ATM Pressure:	100.2 kPa
Tester:	Andy Huang
Test Date:	2019-07-03

#### Test Mode: Transmitting

Test Result: Compliance. Please refer to the following table.

Channel	Frequency (MHz)	Max Peak Conducted Output Power (dBm)	Limit (dBm)
Low	2402	-4.69	30
Middle	2440	-1.88	30
High	2480	-2.00	30

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

## **Applicable Standard**

According to FCC§15.247(d):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.

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100478	2019-05-09	2020-05-09
Unknown	Coaxial Cable	C-SJ00-0010	C0006/02	Each time	N/A

#### **Test Equipment List and Details**

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

#### Test Data

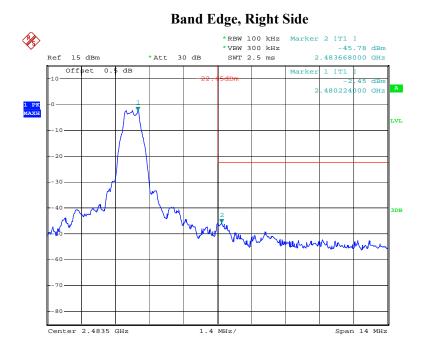
Environmental	Conditions
---------------	------------

Temperature:	24.2 °C	
<b>Relative Humidity:</b> 42 %		
ATM Pressure:	100.2 kPa	
Tester:	Tester: Andy Huang	
Test Date:	2019-07-03	

*Test mode: Transmitting Test Result: Compliance. Please refer to following plots.* 



#### Date: 3.JUL.2019 22:59:12



#### Date: 3.JUL.2019 23:02:52

# FCC §15.247(e) - POWER SPECTRAL DENSITY

### **Applicable Standard**

According to FCC§15.247(e):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.

#### **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 was set 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 the RBW = 3 kHz, VBW = 10 kHz, Set the span to 1.5 times the DTS bandwidth.
- 4. Use the peak marker function to determine the maximum amplitude level.

#### **Test Equipment List and Details**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100478	2019-05-09	2020-05-09
Unknown	Coaxial Cable	C-SJ00-0010	C0006/02	Each time	N/A

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

#### **Test Data**

#### **Environmental Conditions**

Temperature:	24.2 °C	
<b>Relative Humidity:</b>	42 %	
ATM Pressure:	100.2 kPa	
Tester:	Andy Huang	
Test Date:	2019-07-03	

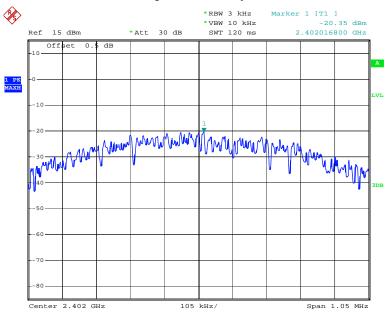
#### Test Mode: Transmitting

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

#### Report No.: RBJ190603051-00

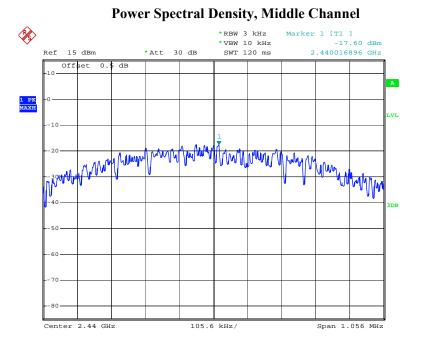
#### Bay Area Compliance Laboratories Corp. (Dongguan)

Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)
Low	2402	-20.35	$\leq 8$
Middle	2440	-17.60	$\leq 8$
High	2480	-17.47	$\leq 8$

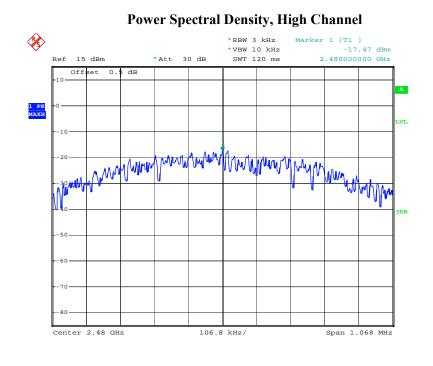


# Power Spectral Density, Low Channel

Date: 3.JUL.2019 22:58:39



Date: 3.JUL.2019 23:00:54



Date: 3.JUL.2019 23:02:23

#### \*\*\*\*\* END OF REPORT \*\*\*\*\*