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Report No.: UNIA19032115FR-01



FCC RADIO TEST REPORT

FCC ID: 2ASXW-K10

Product: bluetooth selfie stick with tripod

Trade Name: N/A

Model Name: K10

Serial Model: L01, K05, K06, K07, K08

Report No.: UNIA19032115FR-01

Prepared for

SHENZHEN YUANSU CHUANGDA TECHNOLOGY CO., LTD

Room 526, Huamei Building, Zhenxing Road, Futian District, Shenzhen, China

Prepared by

Shenzhen United Testing Technology Co., Ltd.

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TEST RESULT CERTIFICATION

Applicant's name:	SHENZHEN YUANSU CHUANGDA TECHNOLOGY CO., LTD			
Address:	Room 526, Huamei Building, Zhenxing Road, Futian District, Shenzhen, China			
Manufacture's Name:	SHENZHEN YUANSU CHUANGDA TECHNOLOGY CO.,LTD			
Address:	Room 526, Huamei Building, Zhenxing Road, Futian District, Shenzhen, China			
Product description				
Product name:	bluetooth selfie stick with tripod			
Trade Mark:	N/A			
Model and/or type reference :	K10, L01, K05, K06, K07, K08			
Standards FCC Rules and Regulations Part 15 Subpart C Section 15.24 ANSI C63.10: 2013				
Co., Ltd., and the test results with the FCC requirements. A report. This report shall not be reproducument may be altered or results.	has been tested by Shenzhen United Testing Technology show that the equipment under test (EUT) is in compliance and it is applicable only to the tested sample identified in the duced except in full, without the written approval of UNI, this revised by Shenzhen United Testing Technology Co., Ltd., noted in the revision of the document.			
Date of Issue				
Test Result				
Prepared by:	Kahn Yang Kahn yang/Editor			
Reviewer:	Jerun occor			
	Sherwin Qian/Supervisor			
Approved & Authorized Signe				
	Liuze/Manager			





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1. TEST SUMMARY

1.1 TEST PROCEDURES AND RESULTS

DESCRIPTION OF TEST
CONDUCTED EMISSIONS TEST
RADIATED EMISSION TEST
COMPLIANT
BAND EDGE
COMPLIANT
OCCUPIED BANDWIDTH MEASUREMENT
COMPLIANT
ANTENNA REQUIREMENT
COMPLIANT

1.2 TEST FACILITY

Test Firm : Shenzhen United Testing Technology Co., Ltd.

Address : 2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd, Tiegang

Community, Xixiang Str, Bao'an District, Shenzhen, China

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19. The testing quality system of our laboratory meets with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of API AC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L6494

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of testing Laboratories.

Designation Number: CN1227

Test Firm Registration Number: 674885

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files.

1.3 MEASUREMENT UNCERTAINTY

Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2 Radiated emission expanded uncertainty(9kHz-30MHz) = 3.08dB, k=2 Radiated emission expanded uncertainty(30MHz-1000MHz) = 4.42dB, k=2 Radiated emission expanded uncertainty(Above 1GHz) = 4.06dB, k=2 Page 5 of 22

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2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	bluetooth selfie stick with tripod			
Trade Mark	N/A			
Model Name	K10			
Serial No.	L01, K05, K06, K07, K08			
Model Difference	All model's the function, software and electric circuit a the same, only with a product color and model named different. Test sample model: K10.			
FCC ID	2ASXW-K10			
Antenna Type	PCB Antenna			
Antenna Gain	-3dBi			
Frequency Range	2402~2480MHz			
Number of Channels	40CH			
Modulation Type	GFSK			
Battery	DC 3V			
Adapter Model	N/A			





2.2 Carrier Frequency of Channels

- 3	Channel List							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	
01	2402	11	2422	21	2442	31	2462	
02	2404	12	2424	22	2444	32	2464	
03	2406	13	2426	23	2446	33	2466	
04	2408	14	2428	24	2448	34	2468	
05	2410	15	2430	25	2450	35	2470	
06	2412	16	2432	26	2452	36	2472	
07	2414	17	2434	27	2454	37	2474	
08	2416	18	2436	28	2456	38	2476	
09	2418	19	2438	29	2458	39	2478	
10	2420	20	2440	30	2460	40	2480	

2.3 Operation of EUT during testing

Operating Mode

The mode is used: Transmitting mode

Low Channel: 2402MHz Middle Channel: 2440MHz High Channel: 2480MHz

2.4 DESCRIPTION OF TEST SETUP

Operation of EUT during Radiation testing:

EUT

Table for auxiliary equipment:

Equipment Description	Manufacturer	Model	Calibration Due Date
N/A	N/A	N/A	N/A



2.5 MEASUREMENT INSTRUMENTS LIST

Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
		CONDUCTED	EMISSIONS TEST		
1	AMN	Schwarzbeck	NNLK8121	8121370	2019.9.9
2	AMN	ETS	3810/2	00020199	2019.9.9
3	EMI TEST RECEIVER	Rohde&Schwarz	ESCI	101210	2019.9.9
4	AAN	TESEQ	T8-Cat6	38888	2019.9.9
	, 17	RADIATED	EMISSION TEST	<i>y</i> .	
1	Horn Antenna	Sunol	DRH-118	A101415	2019.9.29
2	BicoNlLog Antenna	Sunol	JB1 Antenna	A090215	2019.9.29
3	PREAMP	HP	8449B	3008A00160	2019.9.9
4	PREAMP	HP	8447D	2944A07999	2019.9.9
5	EMI TEST RECEIVER	Rohde&Schwarz	ESR3	101891	2019.9.9
6	VECTOR Signal Generator	Rohde&Schwarz	SMU200A	101521	2019.9.28
7	Signal Generator	Agilent	E4421B	MY4335105	2019.9.28
8	MXA Signal Analyzer	Agilent	N9020A	MY50510140	2019.9.28
9	MXA Signal Analyzer	Agilent	N9020A	MY51110104	2019.9.9
10	ANT Tower&Turn table Controller	Champro	EM 1000	60764	2019.9.28
11	Anechoic Chamber	Taihe Maorui	9m*6m*6m	966A0001	2019.9.9
12	Shielding Room	Taihe Maorui	6.4m*4m*3m	643A0001	2019.9.9
13	RF Power sensor	DARE	RPR3006W	15l00041SNO88	2020.3.14
14	RF Power sensor	DARE	RPR3006W	15l00041SNO89	2020.3.14
15	RF power divider	Anritsu	K241B	992289	2019.9.28
16	Wideband radio communication tester	Rohde&Schwarz	CMW500	154987	2019.9.28
17	Biconical antenna	Schwarzbeck	VHA 9103	91032360	2019.9.8
18	Biconical antenna	Schwarzbeck	VHA 9103	91032361	2019.9.8
19	Broadband Hybrid Antennas	Schwarzbeck	VULB9163	VULB9163#958	2019.9.8
20	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1680	2020.1.12
21	Active Receive Loop Antenna	Schwarzbeck	FMZB 1919B	00023	2019.11.02
22	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170651	2020.03.14
23	Microwave Broadband Preamplifier	Schwarzbeck	BBV 9721	100472	2019.10.24
24	Active Loop Antenna	Com-Power	AL-130R	10160009	2019.05.10
25	Power Meter	KEYSIGHT	N1911A	MY50520168	2019.05.10
26	Frequency Meter	VICTOR	VC2000	997406086	2019.05.10
27	DC Power Source	HYELEC	HY5020E	055161818	2019.05.10



CONDUCTED EMISSIONS TEST

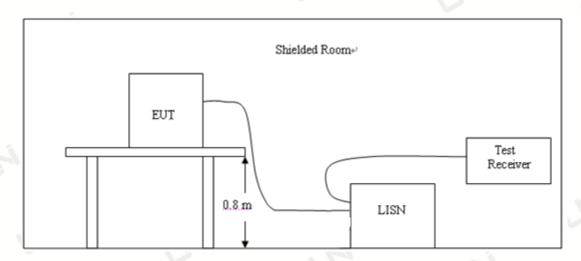
3.1 Conducted Power Line Emission Limit

For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following

	Maximum RF Line Voltage(dBμV)					
Frequency	CLASS A		CLASS B			
(MHz)	Q.P.	Ave.	Q.P.	Ave.		
0.15~0.50	79	66	66~56*	56~46*		
0.50~5.00	73	60	56	46		
5.00~30.0	73	60	60	50		

^{*} Decreasing linearly with the logarithm of the frequency For intentional device, according to §15.207(a) Line Conducted Emission Limit is same as above table.

3.2 Test Setup



3.3 Test Procedure

- 1, The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10.
- 2, Support equipment, if needed, was placed as per ANSI C63.10.
- 3, All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4, If a EUT received DC power from the USB Port of Notebook PC, the PC's adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
- 5, All support equipments received AC power from a second LISN, if any.
- 6, The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7, Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.

3.4 Test Result

N/A

Remark: The EUT is powered by DC 3V of a CR1632 battery.

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4 RADIATED EMISSION TEST

4.1 Radiation Limit

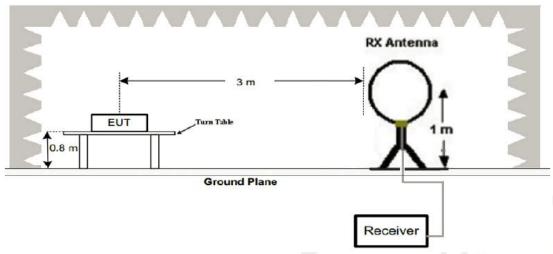
For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

_	D: /	D 11 4 1	5 5 1
Frequency	Distance	Radiated	Radiated
(MHz)	(Meters)	(dBµV/m)	(µV/m)
30-88	3	40	100
88-216	3	43.5	150
216-960	3	46	200
Above 960	3	54	500

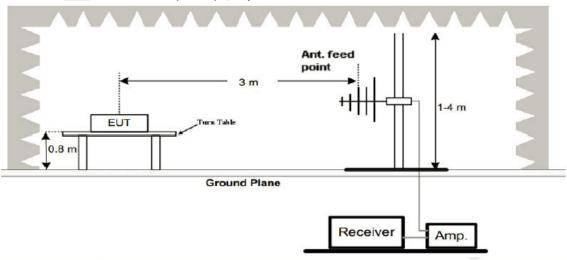
For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

4.2 Test Setup

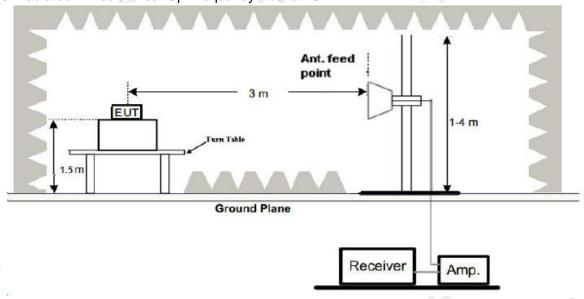
1. Radiated Emission Test-Up Frequency Below 30MHz



2. Radiated Emission Test-Up Frequency 30MHz~1GHz



3. Radiated Emission Test-Up Frequency Above 1GHz



4.3 Test Procedure

- 1. Below 1GHz measurement the EUT is placed on turntable which is 0.8m above ground plane. And above 1GHz measurement EUT was placed on low permittivity and low tangent turn table which is 1.5m above ground plane.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 6. Repeat above procedures until the measurements for all frequencies are complete.
- 7. The test frequency range from 9KHz to 25GHz per FCC PART 15.33(a).

Note

For battery operated equipment, the equipment tests shall be performed using a new battery.

4.4 Test Result

PASS

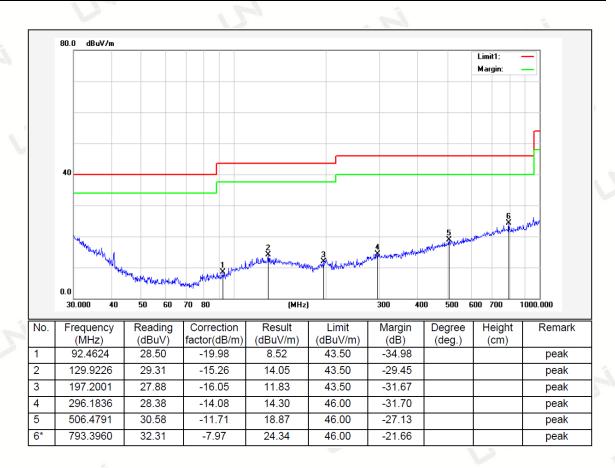
Remark:

- 1. All the test modes completed for test. The worst case of Radiated Emission is Middle channel, the test data of this mode was reported.
- 2. By preliminary testing and verifying three axis (X, Y and Z) position of EUT transmitted status, it was found that "Z axis" position was the worst, and test data recorded in this report.
- 3. Radiated emission test from 9KHz to 10th harmonic of fundamental was verified, and no emission found except system noise floor in 9KHz to 30MHz and not recorded in this report.



Below 1GHz Test Results:

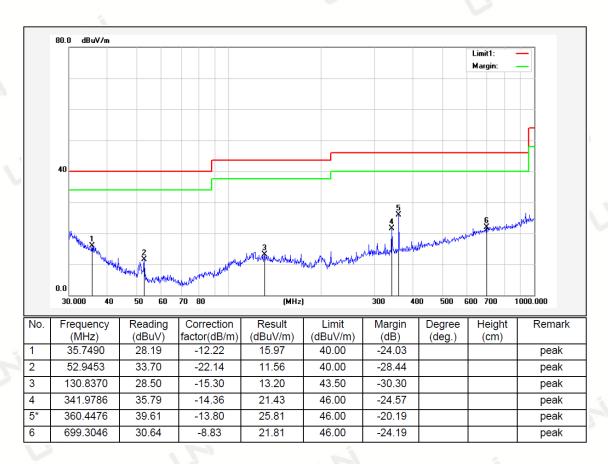
Temperature:	22°C	Relative Humidity:	48%		
Test Date:	Mar. 22, 2019	Pressure:	1010hPa		
Test Voltage:	DC 3V	Polarization:	Horizontal		
Test Mode:	Transmitting mode of GFSK 2402MHz				



Remark: Absolute Level = Reading Level + Factor, Margin = Absolute Level - Limit Factor = Ant. Factor + Cable Loss - Pre-amplifier



Temperature:	22°C	Relative Humidity:	48%		
Test Date:	Mar. 22, 2019	Pressure:	1010hPa		
Test Voltage:	DC 3V	Polarization:	Vertical		
Test Mode:	Transmitting mode of GFSK 2402MHz				



Remark: Absolute Level = Reading Level + Factor, Margin = Absolute Level – Limit Factor = Ant. Factor + Cable Loss – Pre-amplifier

Remark:

- (1) Measuring frequencies from 9 KHz to the 1 GHz, Radiated emission test from 9KHz to 30MHz was verified, and no any emission was found except system noise floor.
- (2) * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (3) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.





Above 1 GHz Test Results: CH Low (2402MHz)

Horizontal:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2402	111.27	-5.84	105.43	114	-8.57	PK
2402	83.65	-5.84	77.81	94	-16.19	AV
4804	60.66	-3.64	57.02	74	-16.98	PK
4804	50.13	-3.64	46.49	54	-7.51	AV
7206	57.64	-0.95	56.69	74	-17.31	PK
7206	47.23	-0.95	46.28	54	-7.72	AV

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier. Margin = Absolute Level - Limit

Vertical:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2402	111.12	-5.84	105.28	114	-8.72	PK
2402	83.45	-5.84	77.61	94	-16.39	AV
4804	60.42	-3.64	56.78	74	-17.22	PK
4804	49.79	-3.64	46.15	54	-7.85	AV
7206	56.86	-0.95	55.91	74	-18.09	PK
7206	46.92	-0.95	45.97	54	-8.03	AV

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier. Margin = Absolute Level - Limit





CH Middle (2440MHz)

Horizontal:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Type
2440	110.84	-5.71	105.13	114	-8.87	PK
2440	83.25	-5.71	77.54	94	-16.46	AV
4880	60.15	-3.51	56.64	74	-17.36	PK
4880	49.77	-3.51	46.26	54	-7.74	AV
7320	56.94	-0.82	56.12	74	-17.88	PK
7320	46.85	-0.82	46.03	54	-7.97	AV

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier. Margin = Absolute Level - Limit

Vertical:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2440	110.95	-5.71	105.24	114	-8.76	PK
2440	82.72	-5.71	77.01	94	-16.99	AV
4880	59.84	-3.51	56.33	74	-17.67	PK
4880	50.12	-3.51	46.61	54	-7.39	AV
7320	55.76	-0.82	54.94	74	-19.06	PK
7320	46.82	-0.82	46.00	54	-8.00	AV

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier. Margin = Absolute Level - Limit



Reading Result	Factor	Emission Level	Limits	Margin	Detector
(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
110.79	-5.65	105.14	114	-8.86	PK
83.10	-5.65	77.45	94	-16.55	AV
60.42	-3.43	56.99	74	-17.01	PK
50.16	-3.43	46.73	54	-7.27	AV
56.24	-0.75	55.49	74	-18.51	PK
47.13	-0.75	46.38	54	-7.62	AV
	Result (dB µV) 110.79 83.10 60.42 50.16 56.24	Result Factor (dBμV) (dB) 110.79 -5.65 83.10 -5.65 60.42 -3.43 50.16 -3.43 56.24 -0.75	Result Factor Emission Level (dB μV) (dB) (dB μV/m) 110.79 -5.65 105.14 83.10 -5.65 77.45 60.42 -3.43 56.99 50.16 -3.43 46.73 56.24 -0.75 55.49	Result Factor Emission Level Limits (dB μV) (dB) (dB μV/m) (dB μV/m) 110.79 -5.65 105.14 114 83.10 -5.65 77.45 94 60.42 -3.43 56.99 74 50.16 -3.43 46.73 54 56.24 -0.75 55.49 74	Result Factor Emission Level Limits Margin (dB μV) (dB) (dB μV/m) (dB μV/m) (dB) 110.79 -5.65 105.14 114 -8.86 83.10 -5.65 77.45 94 -16.55 60.42 -3.43 56.99 74 -17.01 50.16 -3.43 46.73 54 -7.27 56.24 -0.75 55.49 74 -18.51

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier. Margin = Absolute Level - Limit

Vertical:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2480	110.81	-5.65	105.16	114	-8.84	PK
2480	82.48	-5.65	76.83	94	-17.17	AV
4960	59.94	-3.43	56.51	74	-17.49	PK
4960	49.87	-3.43	46.44	54	-7.56	AV
7440	55.82	-0.75	55.07	74	-18.93	PK
7440	46.77	-0.75	46.02	54	-7.98	AV

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier. Margin = Absolute Level - Limit

Remark

- (1) Measuring frequencies from 1 GHz to the 25 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) * denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (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) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for peak measurement with peak detector at frequency above 1GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average measurement with peak detection at frequency above 1GHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dBuV/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dBuV/m(PK Value) <54 dBuV/m(AV Limit), the Average Detected not need to completed.
- (7)All modes of operation were investigated and the worst-case emissions are reported.

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5 BAND EDGE

5.1 Limits

FCC PART 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

The band edge compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW to 100KHz and VBM to 300KHz to measure the peak field strength and set RBW to 1MHz and VBW to 10Hz to measure the average radiated field strength. The conducted RF band edge was measured by using a spectrum analyzer. Set span wide enough to capture the highest in-band emission and the emission at the band edge. Set RBW to 100 KHz and VBW to 300 KHz, to measure the conducted peak band edge.

5.3 Test Result

PASS

Radiated Band Edge Test:

Operation Mode: TX CH Low (2402MHz)

Horizontal:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Type
2310	56.16	-5.81	50.35	74	-23.65	PK
2310	1	-5.81	1	54	/	AV
2390	56.82	-5.84	50.98	74	-23.02	PK
2390	/	-5.84	1	54	/	AV
2400	57.44	-5.84	51.60	74	-22.40	PK
2400	1	-5.84	/	54	/	AV
Remark: Fac	tor = Antenna Facto	or + Cable Lo	ss – Pre-amplifier	H		i

Vertical:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Type
2310	55.89	-5.81	50.08	74	-23.92	PK
2310	/	-5.81	1	54	1	AV
2390	56.06	-5.84	50.22	74	-23.78	PK
2390	/	-5.84	1	54		AV
2400	57.18	-5.84	51.34	74	-22.66	PK
2400	/	-5.84	/	54	/	AV

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier.





Operation Mode: TX CH High (2480MHz)

Horizontal:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2483.5	56.80	-5.65	51.15	74	-22.85	PK
2483.5	1	-5.65	/	54	/	AV
2500	57.28	-5.72	51.56	74	-22.44	PK
2500	1	-5.72	1	54	/	AV
Remark: Fact	Remark: Factor = Antenna Factor + Cable Loss – Pre-amplifier.					

Vertical:

Frequency	Reading Result	Factor	Emission Level	Limits	Margin	Detector
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2483.5	57.12	-5.65	51.47	74	-22.53	PK
2483.5	151	-5.65	/	54	/	AV
2500	57.64	-5.72	51.92	74	-22.08	PK
2500	1	-5.72	1	54	1	AV
Later Control	4 1					

Remark: Factor = Antenna Factor + Cable Loss - Pre-amplifier.

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6 OCCUPIED BANDWIDTH MEASUREMENT

6.1 Test Setup

Same as Radiated Emission Measurement

6.2 Test Procedure

- 1. The EUT was placed on a turn table which is 0.8m above ground plane.
- 2. Set EUT as normal operation.
- 3. Based on ANSI C63.10 section 6.9.2: RBW=30KHz, VBW=100KHz, Span=3MHz.
- 4. The useful radiated emission from the EUT was detected by the spectrum analyzer with peak detector.

6.3 Measurement Equipment Used

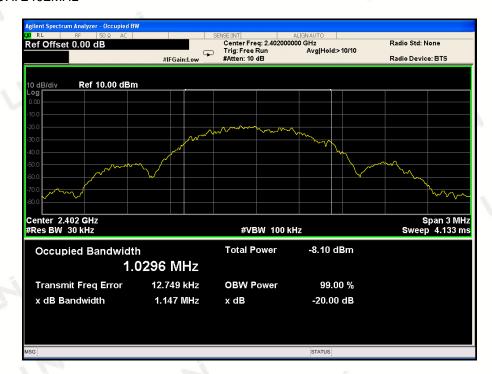
Same as Radiated Emission Measurement

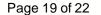
6.4 Test Result

PASS

Frequency (MHz)	20dB Bandwidth (MHz)	Result
2402	1.147	PASS
2440	1.135	PASS
2480	1.102	PASS

CH: 2402MHz







CH: 2440MHz



CH: 2480MHz



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7 ANTENNA REQUIREMENT

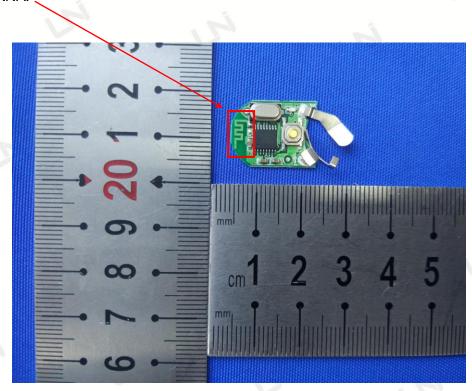
Standard Applicable:

For intentional device, according to FCC 47 CFR Section 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.

Antenna Connected Construction

The antenna used in this product is a PCB Antenna, The directional gains of antenna used for transmitting is -3dBi.

ANTENNA:



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8 PHOTOGRAPH OF TEST

8.1 Radiated Emission









8.2 Conducted Emission

N/A

End of Report