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1. TEST SUMMARY

1.1. Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.247: Operation within the bands of 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz.

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.

1.2. Report version

Revised No.	Date of issue	Description
01	Jul. 13, 2020	Original



1.3. Test Description

FCC Part 15 Subpart C(15.247)				
Total House	Standard Section	D !	To al Formito a co	
Test Item	FCC	Result	Test Engineer	
Antenna Requirement	15.203	Pass	Rory Huang	
Conducted Emission	15.207	Pass	Rory Huang	
Restricted Bands	15.205	Pass	Rory Huang	
Peak Output Power	15.247(b)	Pass	Rory Huang	
Band Edge Emissions	15.247(d)	Pass	Rory Huang	
Power Spectral Density	15.247(e)	Pass	Rory Huang	
Radiated Emission	15.205&15.209	Pass	Rory Huang	
6dB Bandwidth &99% Occupied Bandwidth	15.247(a)(1)(i)	Pass	Rory Huang	
Spurious RF Conducted Emission	15.247(d)	Pass	Rory Huang	

Note: The measurement uncertainty is not included in the test result.



1.4. Test Facility

Address of the report laboratory

KSIGN(Guangdong) Testing Co., Ltd.

West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, People's Republic of China

Laboratory accreditation

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

CNAS-Lab Code: L13261

KSIGN(Guangdong) Testing Co., Ltd. has been assessed and proved to be in Compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No.: 5457.01

KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

IC Registration No.: CN0096

The 3m alternate test site of KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration NO.: CN0096

FCC-Registration No.: CN1272

KSIGN(Guangdong) Testing Co., Ltd. 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.



1.5. Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01" Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 2 " and is documented in the KSIGN(Guangdong) Testing Co., Ltd. system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device. Below is the best measurement capability for KSIGN(Guangdong) Testing Co., Ltd.

Test Items	Measurement Uncertainty	Notes	
Transmitter power conducted	0.42 dB	(1)	
Transmitter power Radiated	2.14 dB	_{//} (1)	
Conducted spurious emissions 9kHz~40GHz	1.60 dB	(1)	
Radiated spurious emissions 9kHz~40GHz	2.20 dB	(1)	
Conducted Emissions 9kHz~30MHz	3.20 dB	(1)	
Radiated Emissions 30~1000MHz	4.70 dB	(1)	
Radiated Emissions 1~18GHz	5.00 dB	(1)	
Radiated Emissions 18~40GHz	5.54 dB	(1)	
Occupied Bandwidth	2.80 dB	(1)	

Note (1): This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

1.6. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15~35°C
Relative Humidity:	30~60 %
Air Pressure:	950~1050mba



2. GENERAL INFORMATION

2.1. Client Information

OMA FITNESS EQUIPMENT CO., LTD.		
No.93 Tai An Road South, Yang'e Village, Lunjiao Town, Shunde, Foshan City, Guangdong, China		
OMA FITNESS EQUIPMENT CO., LTD.		
No.93 Tai An Road South, Yang'e Village, Lunjiao Town, Shunde, Foshan City, Guangdong, China		
OMA FITNESS EQUIPMENT CO., LTD.		
No.93 Tai An Road South, Yang'e Village, Lunjiao Town, Shunde, Foshan City, Guangdong, China		

Report No.: KS2007S00246E

2.2. General Description of EUT

SW-BLE03	N
SW-BLE03	/No
OMA	20
1 (1/2)	
DC 3.3V	8/9
1	
1	
GFSK	J.
2402MHz~2480MHz	
-7.51 dBm	
40	2289
2MHz	MAY /
PCB Antenna	No.
0 dBi	
	SW-BLE03 OMA / / DC 3.3V / / GFSK 2402MHz~2480MHz -7.51 dBm 40 2MHz PCB Antenna



2.3. Operation state

Operation Frequency List: The EUT has been tested under typical operating condition. The Applicant provides communication tools software to control the EUT for staying in continuous transmitting and receiving mode for testing. BT BLE, 40 channels are provided to the EUT. Channels 00/19/39 were selected for testing.

Operation Frequency List:

Channel	Frequency (MHz)
00	2402
01	2404
	P
19	2440
20	2442
21	2444
38	2478
39	2480

Note: The display in grey were the channel selected for testing.

Test mode

For RF test items:

The engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions:

The EUT was set to connect with the Bluetooth instrument under large package sizes transmission.

For Radiated spurious emissions test item:

The engineering test program was provided and enabled to make EUT continuous transmit. The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.



2.4. Measurement Instruments List

	Tonscend JS0806-2 Test system				
Item Test Equipment		Manufacturer	Model No.	Serial No.	Cal. Until
1	Spectrum Analyzer	R&S	FSV40-N	101798	04/07/2021
2	Vector Signal Generator	Agilent	N5182A	MY50142520	04/07/2021
3	Analog Signal Generator	HP 📉	83752A	3344A00337	04/07/2021
4	4 Power Sensor	Agilent	E9304A	MY50390009	04/07/2021
5	Power Sensor	Agilent	E9300A	MY41498315	04/07/2021
6	Wideband Radio Communication Tester	R&S	CMW500	157282	04/07/2021
7	Climate Chamber	Angul	AGNH80L	1903042120	04/07/2021
8	Dual Output DC Power Supply	Agilent	E3646A	MY40009992	04/07/2021
9	RF Control Unit	Tonscend	JS0806-2	1	04/07/2021

	Transmitter spurious emissions & Receiver spurious emissions				
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
1	EMI Test Receiver	R&S	ESR	102525	04/07/2021
2	High Pass Filter	Chengdu E-Microwave	OHF-3-18-S	0E01901038	03/27/2021
3	High Pass Filter	Chengdu E-Microwave	OHF-6.5-18-S	0E01901039	03/27/2021
4	Spectrum Analyzer	HP	8593E	3831U02087	04/07/2021
5	Ultra-Broadband logarithmic period Antenna	Schwarzbeck	VULB 9163	01230	03/29/2023
6	Loop Antenna	Beijin ZHINAN	ZN30900C	18050	03/25/2021
7	Spectrum Analyzer	R&S	FSV40-N	101798	04/07/2021
8	Horn Antenna	Schwarzbeck	BBHA 9120 D	2023	03/29/2023
9	Pre-Amplifier	Schwarzbeck	BBV 9745	9745#129	04/07/2021
10	Pre-Amplifier	EMCI	EMC051835SE	980662	04/07/2021

) I	tem	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
	1	LISN	R&S	ENV432	1326.6105.02	03/27/2021
	2	EMI Test Receiver	R&S	ESR	102524	04/07/2021
	3	Manual RF Switch	JS TOYO		MSW-01/002	04/07/2021

Note:

2.5. Test Software

Software name	Model	Version
Conducted emission Measurement Software	EZ-EMC	EMC-Con 3A1.1
Radiated emission Measurement Software	EZ-EMC	FA-03A.2.RE
Bluetooth and WIFI Test System	JS1120-3	2.5.77.0418

¹⁾The Cal. Interval was one year.2)The cable loss has calculated in test result which connection between each test instruments.



3. TEST ITEM AND RESULTS

3.1. Antenna requirement

Requirement

FCC CFR Title 47 Part 15 Subpart C 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. The use of a permanently attached antenna or of anantenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(i) Systems operating in the 2400~2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Test Result

The directional gain of the antenna less than 6dBi, please refer to the EUT internal photographs antenna photo.

Note: The antenna is permanently fixed to the EUT



3.2. Conducted Emission

Limit

Conducted Emission Test Limit

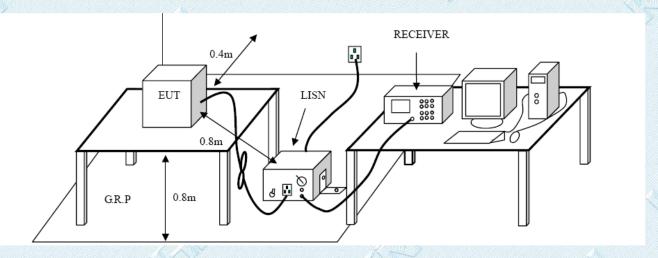
Francis	Maximum RF Line Voltage (dBμV)		
Frequency	Quasi-peak Level	Average Level	
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *	
500kHz~5MHz	56	46	
5MHz~30MHz	60	50	

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Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Configuration



Test Procedure

- 1. The EUT was setup according to ANSI C63.10:2013 requirements.
- 2. The EUT was placed on a platform of nominal size, 0.8 m by 1.6 m, raised 0.8 m above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
- 3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50ohm /50uH coupling impedance for the measuring equipment.
 The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 4. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
- 5. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- 6. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 7. During the above scans, the emissions were maximized by cable manipulation.

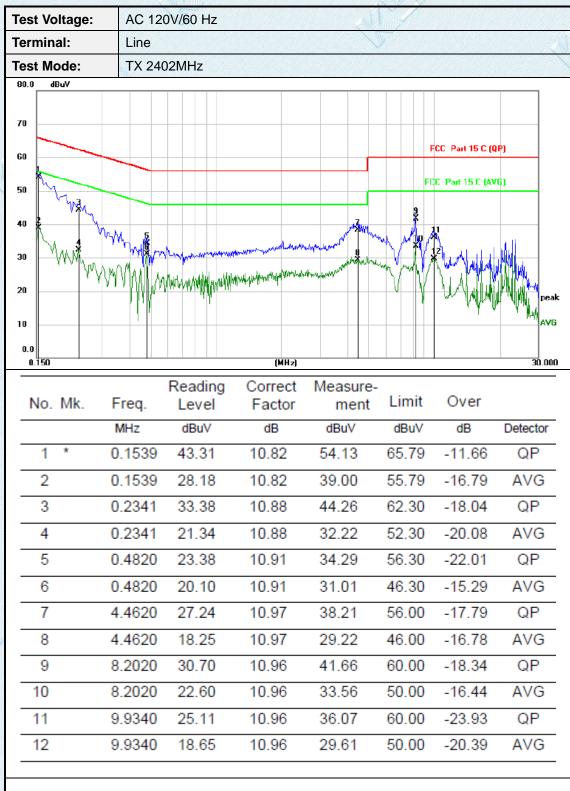
Test Mode:

Please refer to the clause 2.3.

Test Results

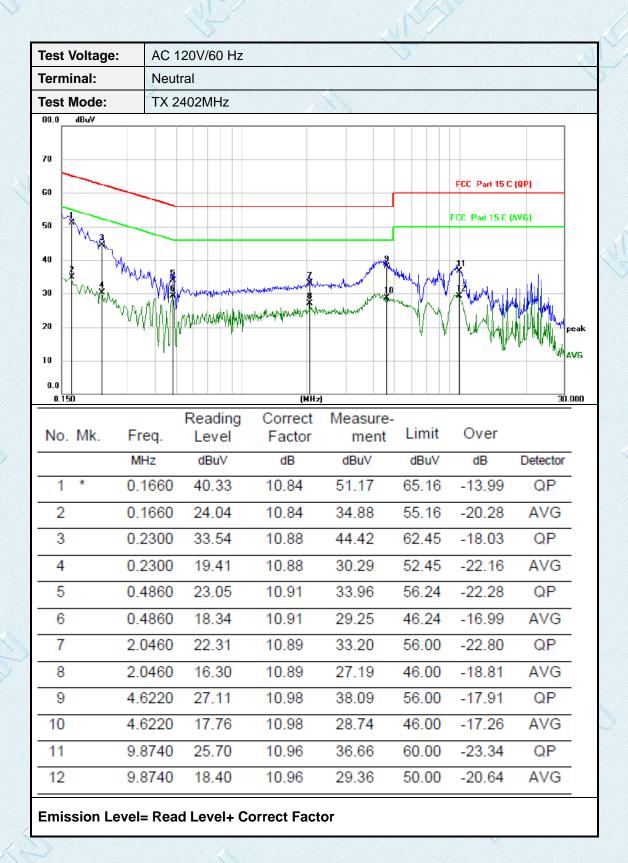
Pre-scan CH00, CH19 and CH39 channel, and found CH00 channel which it is worse case, so only show the test data for worse case.





Emission Level= Read Level+ Correct Factor







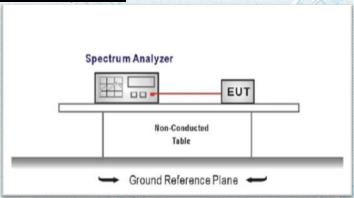
3.3. Band edge and Spurious Emission (Conducted)

Limit

FCC CFR Title 47 Part 15 Subpart C Section15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.

Test Configuration



Test Procedure

- Connect the antenna port(s) to the spectrum analyzer input.
- Establish a reference level by using the following procedure

Center frequency=DTS channel center frequency

The span = 1.5 times the DTS bandwidth.

RBW = 100 kHz, VBW \geq 3 x RBW

Detector = peak, Sweep time = auto couple, Trace mode = max hold

Allow trace to fully stabilize

Use the peak marker function to determine the maximum PSD level

Note: the channel found to contain the maximum PSD level can be used to establish the reference level.

Emission level measurement

Set the center frequency and span to encompass frequency range to be measured RBW = 100 kHz, VBW \geq 3 x RBW

Detector = peak, Sweep time = auto couple, Trace mode = max hold Allow trace to fully stabilize

Use the peak marker function to determine the maximum amplitude level.

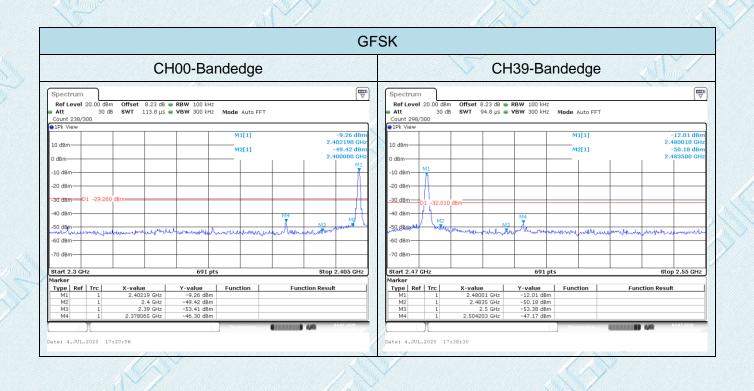
- 4. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
- 5. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band excluding restricted frequency bands) are attenuated by at least the minimum requirements specified (at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz). Report the three highest emissions relative to the limit.

Test Mode

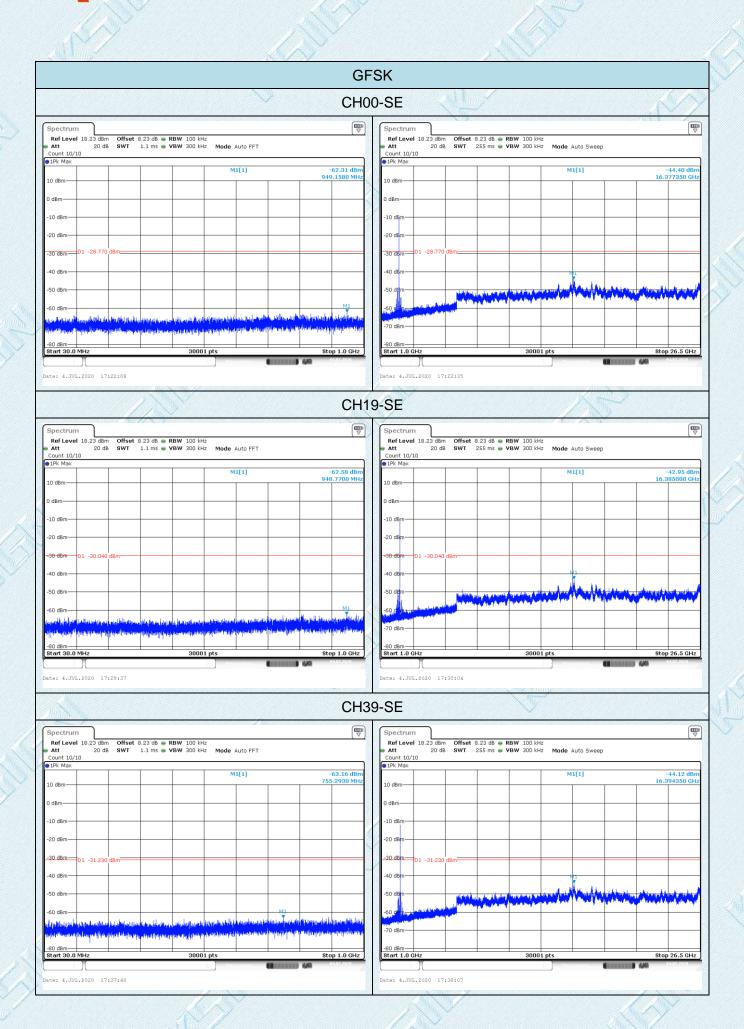
Please refer to the clause 2.3.

Test Results









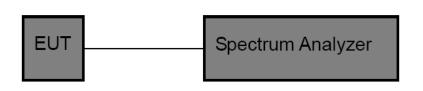


3.4. 6dB Bandwidth & 99%Occupied Bandwidth

Limit

Test Item	Limit	Frequency Range(MHz)	
Bandwidth	>=500 KHz (6dB bandwidth)	2400~2483.5	

Test Configuration



Test Procedure

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- 2. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.
- 3. The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.
- 4. Spectrum Setting:

6dB bandwidth:

- (1) Set RBW = 100 kHz.
- (2) Set the video bandwidth (VBW) ≥ 3 RBW.
- (3) Detector = Peak.
- (4) Trace mode = Max hold.
- (5) Sweep = Auto couple.
- (6) Allow the trace to stabilize.
- (7) 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.

99% Occupied Bandwidth:

- (1) RBW=1% to 5% of the OBW
- (2) VBW=approximately 3 X RBW
- (3) Detector=Peak
- (4) Trace Mode: Max Hold
- (5) Use the 99% power bandwidth function of the instrument to measure the Occupied Bandwidth and recorded.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

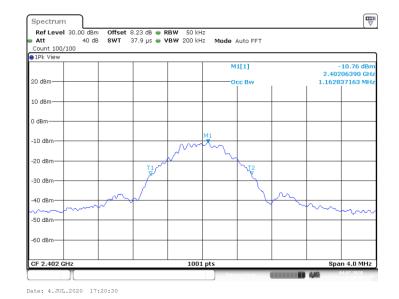
Test Mode

Please refer to the clause 2.3.

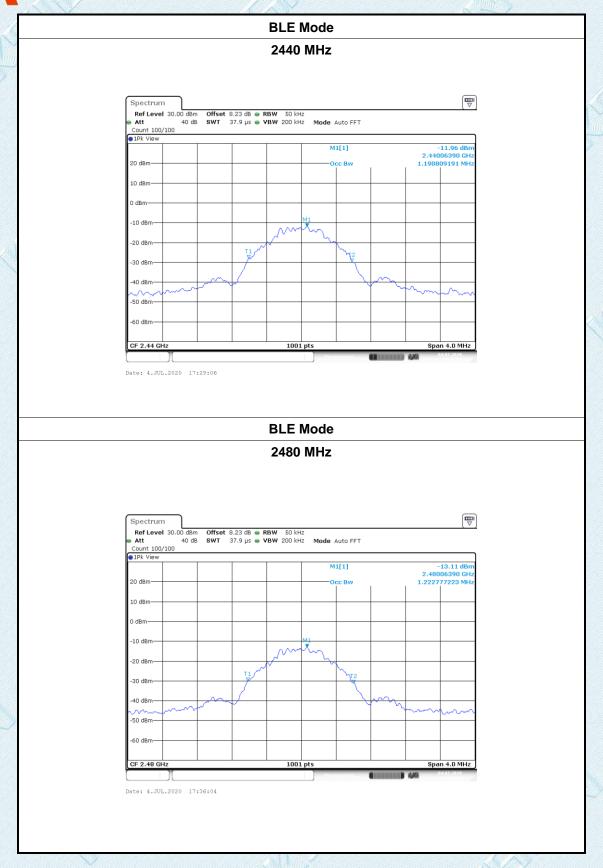
Test Results



Test Mode:	BLE Mode			
Channel fre	quency (MHz)	99% OBW (MHz)		
2	402	1.163		
2440		1.191		
2480		1.223		
		BLE Mode		
2402 MHz				





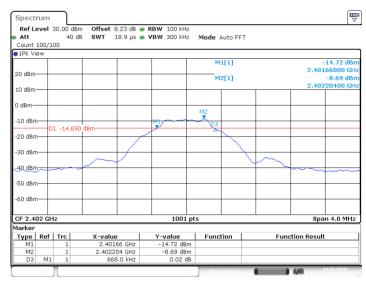




Test Mode: BLE Mode			///
Channel frequency (MHz)		6dB Bandwidth (kHz)	Limit (kHz)
2402		668	
2440		660	≥500
2480)	672	

BLE Mode

2402 MHz











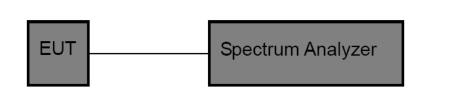
3.5. Peak Output Power

Limit

Test Item	Limit	Frequency Range(MHz)	
Peak Output Power	1 Watt or 30 dBm	2400~2483.5	

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Test Configuration



Test Procedure

- 1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- 2. Spectrum Setting:

Peak Detector: RBW≥DTS Bandwidth, VBW≥3*RBW.

Sweep time=Auto.

Detector= Peak.

Trace mode= Maxhold.

Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

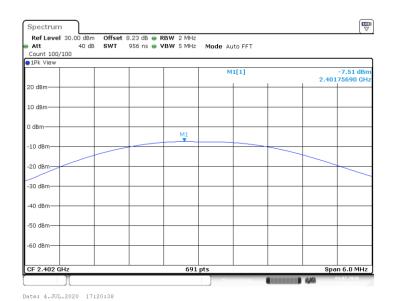
Test Mode

Please refer to the clause 2.3.

Test Result

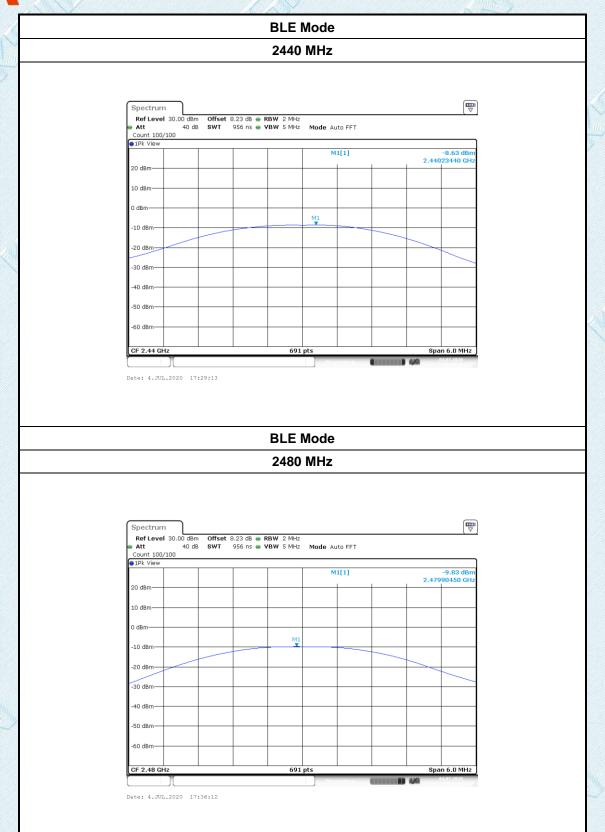


Test Mode:	BLE Mode	f all	
Channel freque	ncy (MHz)	Test Result (dBm)	Limit (dBm)
2402 2440 2480		-7.51	
		-8.63	30
		-9.83	
		BLE Mode	
-		2402 MHz	











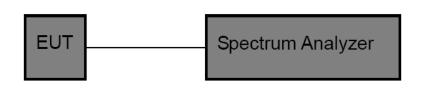
3.6. Power Spectral Density

Limit

FCC Part 15 Subpart C(15.247)				
Test Item	Limit	Frequency Range(MHz)		
Power Spectral Density	8dBm(in any 3 kHz)	2400~2483.5		

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Test Configuration



Test Procedure

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- 2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05.
- 3. Spectrum Setting:

Set analyser center frequency to DTS channel center frequency.

Set the span to 1.5 times the DTS bandwidth.

Set the RBW to: 10 kHz Set the VBW to: 30 kHz

Detector: peak
Sweep time: auto

Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

Test Mode

Please refer to the clause 2.3.

Test Result

Note:

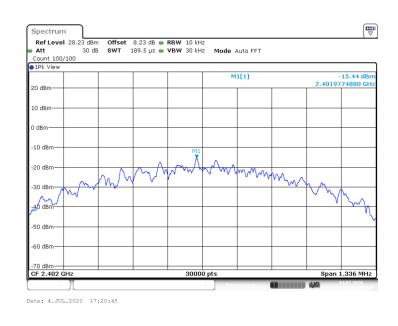
Power Density(dBm/3kHz)=Power Density(dBm/10kHz)-10*Log(10/3)



Test Mode:	BLE Mode	е	No.	(A)
Channel Fr (MH	•	Power Density (dBm/10kHz)	Power Density (dBm/3kHz)	Limit (dBm)
240	2	-15.44	-20.67	
244	0	-16.79	-22.02	8dBm/3kHz
2480		-17.91	-23.14	
				1

BLE Mode

2402 MHz









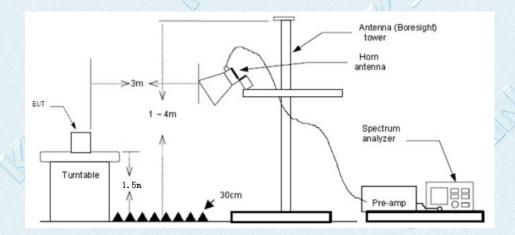
3.7. Band Edge Emissions(Radiated)

Limit

Restricted Frequency Band	(dBuV/	m)(at 3m)
(MHz)	Peak	Average
2310 ~2390	74	54
2483.5 ~2500	74	54

Note: All restriction bands have been tested, only the worst case is reported.

Test Configuration



Test Procedure

- 1. The EUT was setup and tested according to ANSI C63.10:2013 requirements.
- 2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
- 4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
- The receiver set as follow:
 RBW=1MHz, VBW=3MHz PEAK detector for Peak value.
 RBW=1MHz, VBW=10Hz with PEAK Detector for Average Value.

Test Mode

Please refer to the clause 2.3.

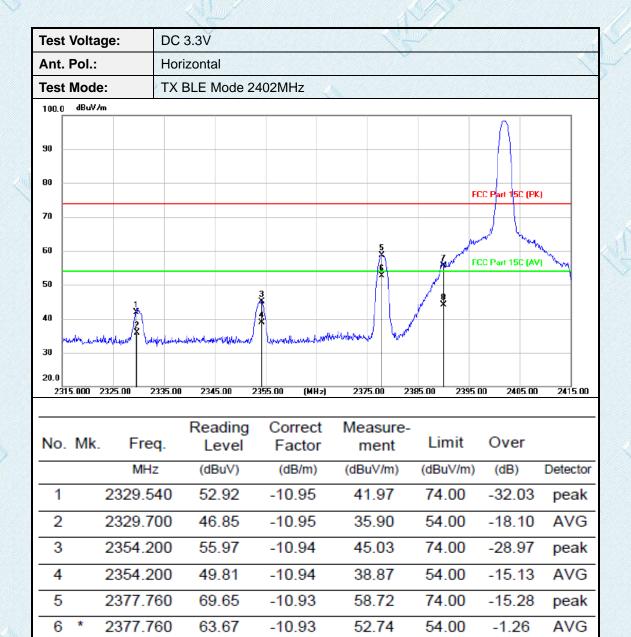
Test Results

Note:

Measurement = Reading level + Correct Factor

Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor





Emission Level= Read Level+ Correct Factor

66.60

54.95

-10.92

-10.92

55.68

44.03

74.00

54.00

-18.32

-9.97

peak

AVG

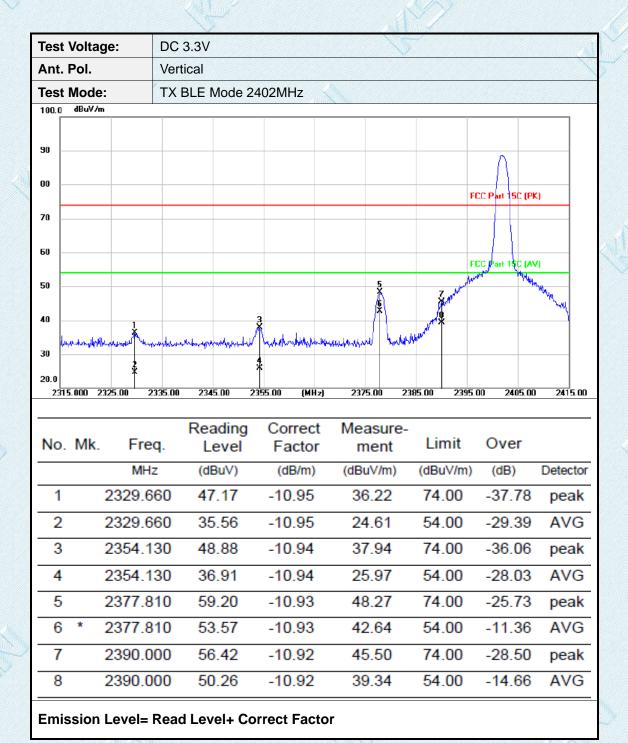
2390.000

2390.000

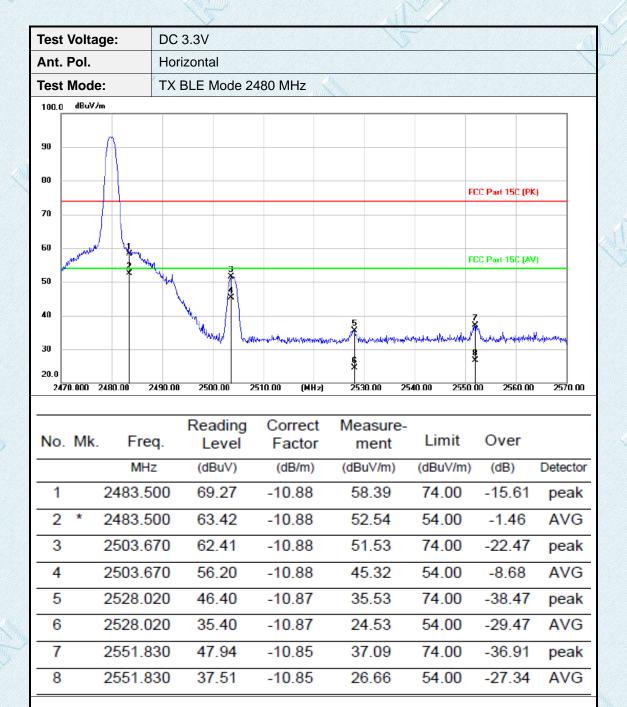
7

8

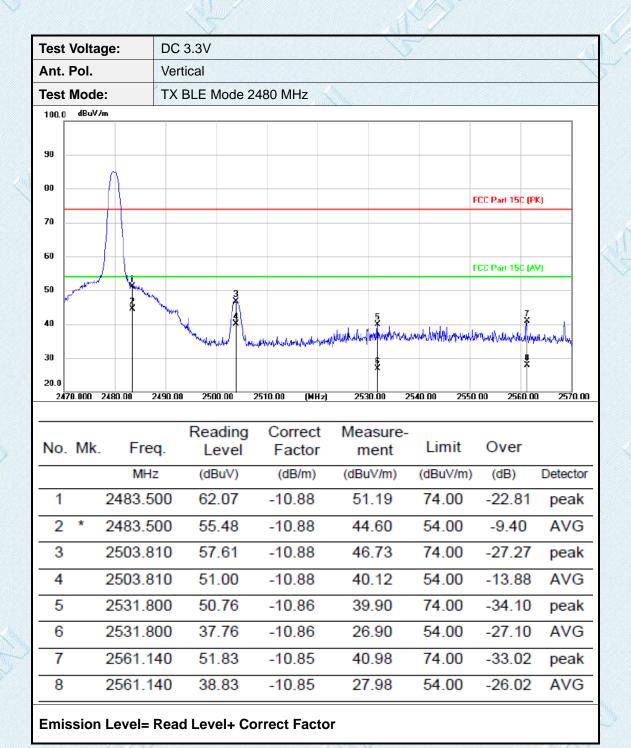














3.8. Spurious Emission (Radiated)

Limit

Radiated Emission Limits (9 kHz~1000 MHz)

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

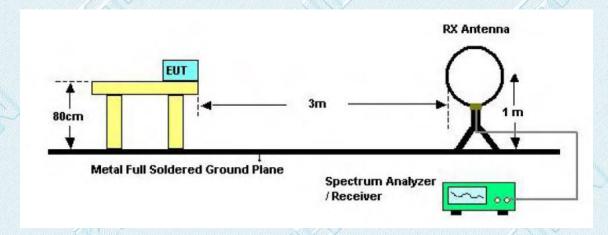
Radiated Emission Limit (Above 1000MHz)

Frequency	Distance Meters(at 3m)		
(MHz)	Peak	Average	
Above 1000	74	54	

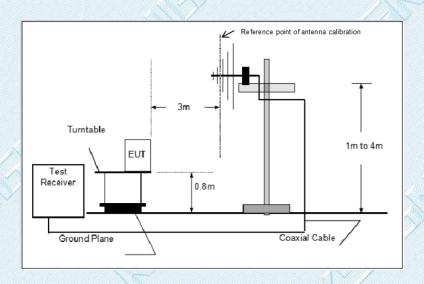
Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level (dBuV/m)=20log Emission Level (uV/m).

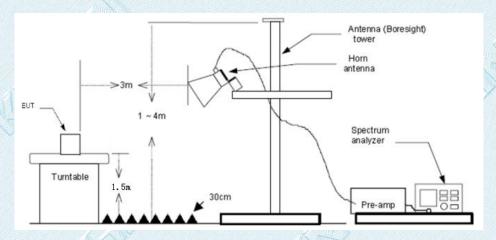
Test Configuration



Below 30MHz Test Setup



Below 1000MHz Test Setup



Above 1GHz Test Setup

Test Procedure

- 1. The EUT was setup and tested according to ANSI C63.10:2013
- 2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
- 5. Set to the maximum power setting and enable the EUT transmit continuously.
- 6. Use the following spectrum analyzer settings
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Below 1 GHz:

RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;

If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

(3) From 1 GHz to 10th harmonic:

RBW=1MHz, VBW=3MHz Peak detector for Peak value.

RBW=1MHz, VBW=10Hz RMS detector for Average value.



Test Mode

Please refer to the clause 2.3.

Test Result

9 KHz~30 MHz and 18GHz~25GHz

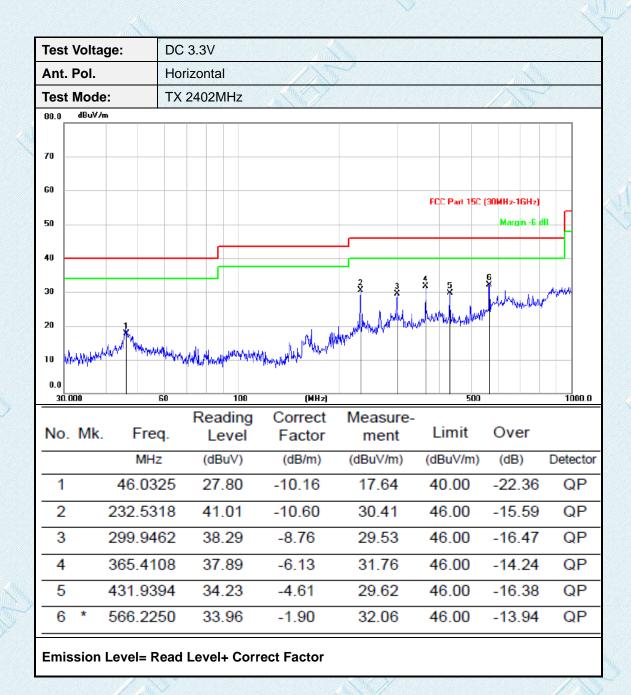
From 9 KHz~30 MHz and 18GHz~25GHz: Conclusion: PASS

Note:

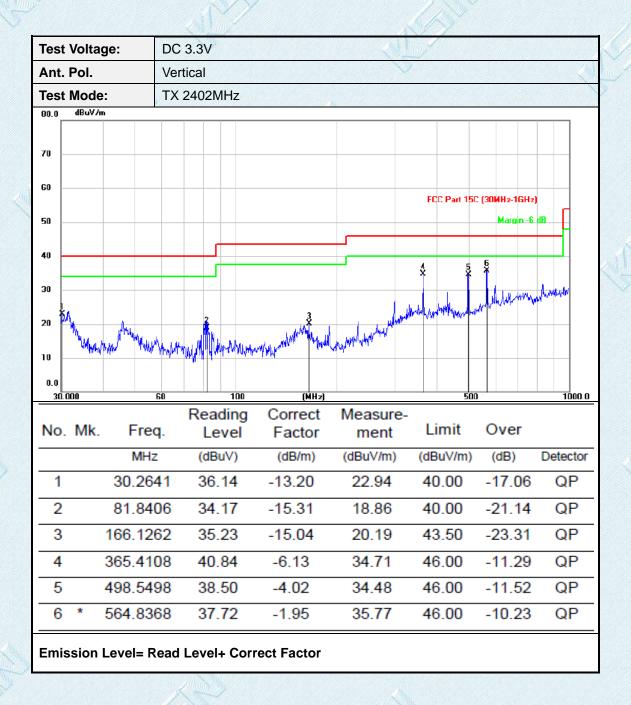
- Measurement = Reading level + Correct Factor
 Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor
- 2) The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- 3) The emission levels of other frequencies are very lower than the limit and not show in test report.
- 4) The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 5) Pre-scan CH00, CH19 and CH39 modulation, and found the CH00 which it is worse case for 30MHz-1GHz, so only show the test data for worse case.



30MHz-1GHz

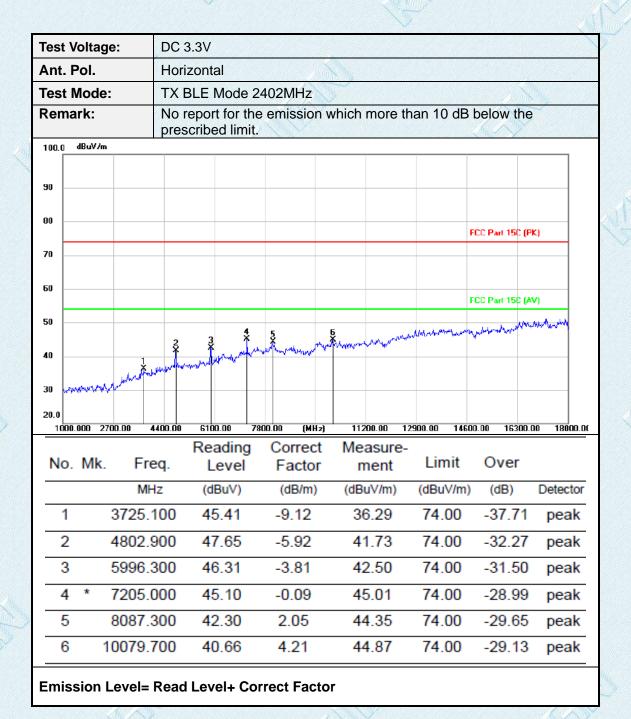








Adobe 1GHz

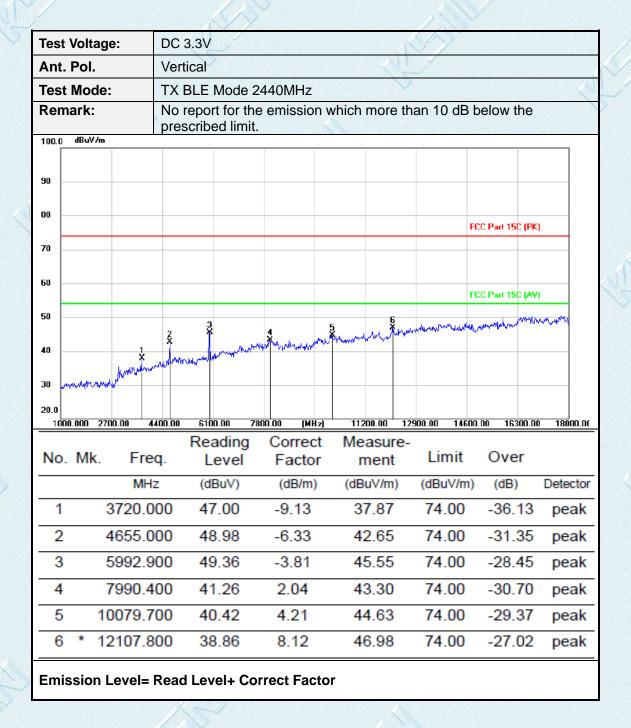




Test Vo	oltage:	DC 3	3.3V	39			7	
Ant. Po	ol.	Vert	ical					
Test M		TX E	BLE Mode	2402MHz		Y//		
Remar	k:		eport for the		which more th	nan 10 dB l	pelow the	
100.0 dE	BuV/m	pico	CIDCO IIIII	.				
90								
80							20.0	
70						FI	CC Part 15C (PK	.1
60						FC	CC Part 15C (AV	<u> </u>
50			3 4	5	Mary John Mary Mark			WHIN SHOWN
40		2	part of the state	ad Vanyanapan Mar	Many to the party of the second			
30 www	nterment of the state of the							
1000.00	0 2700.00	4400.00		7800.00 (MHz)		900.00 14600	.00 16300.00	0 18000.00
No. N	Иk. Fr	eq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
	M	Hz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	3730.	200	45.33	-9.10	36.23	74.00	-37.77	peak
2	4763.	800	44.91	-6.04	38.87	74.00	-35.13	peak
3	5984.	400	48.13	-3.84	44.29	74.00	-29.71	peak
4	7205.	000	43.57	-0.09	43.48	74.00	-30.52	peak
5	9680.	200	40.52	3.37	43.89	74.00	-30.11	peak
6 '	10921.	200	40.16	5.57	45.73	74.00	-28.27	peak
Emiss	ion Level=	Read	Level+ Co	orrect Facto	or			

Test Voltage:			DC:	DC 3.3V											
Ant. Pol.			Hori	Horizontal											
Test Mode:				TXI	TX BLE Mode 2440MHz										
Rem	ark:				report for t scribed lim		ission v	which r	more t	han 10) dB	below	the		
100.0	dBu∀	/m													1
90															
80												CC Part	15C (P	K)	
70															
60	0										CC Part	15C (A	v)		
50						3	-marine		5 X. mul	Mary Mark	h-yayin	Contracted the win	or the state of	/Vyddyjjy.jovodest	
30	مكام أقطيم بيرم	ryryry [/]	1 * المراسم الاصر	in the party	Mary and Laboratory and the	MAK, WALLY	-tundpapet 1 1 Sal	luncov/orum/	The state of the s						
20.0 100	10.000	2700.	.00	4400.00	6100.00	7800.00	(MHz)	1120	00.00 1	2900.00	1460	0.00	16300.0)o 180	 00.0
No.	Mk	ί.	Fre	eq.	Reading Level	,	rrect actor		sure- ent	Lin	nit	Ov	er		
			MH	łz	(dBuV)	(d	IB/m)	(dBu	V/m)	(dBu	V/m)	(dE	3)	Detec	tor
1		37	723.4	400	47.07	-9	.12	37	.95	74.	00	-36	.05	pea	ak
2		59	98.0	000	45.17	-3	.81	41	.36	74.	00	-32	.64	pea	ak
3		73	320.6	600	42.73	0.	27	43	.00	74.	00	-31	.00	pea	ak
4		97	775.4	400	40.29	3.	58	43	.87	74.	00	-30	.13	pea	ak
5		114	197.	500	38.37	6.	86	45	.23	74.	00	-28	.77	pea	ak
6	*	138	304.4	400	37.53	10	QQ	48	.51	74.	00	-25	.49	pea	ak







Test Voltage:	DC 3.3V									
Ant. Pol.	Horizontal	Horizontal								
Test Mode:		TX BLE Mode 2480MHz								
Remark:		No report for the emission which more than 10 dB below the prescribed limit.								
100.0 dBuV/m	prescribed iiiri	16	779							
90										
80				FI	CC Part 150 (PK					
70					at an ist (i k	<u>'</u>				
60				F	CC Part 15C (AV)				
50		3	5 5 10 10 - 10 - 10 - 10 - 10 - 10 - 10	Wall was held to be the second	April Market Speech	KAWAWAA				
40	A state of the sta	Tan Mayor would the Ho	And the state of t							
30 January Mary Market										
20.0 1000.000 2700.00	4400.00 6100.00	7800.00 (MHz)	11200.00 12	2900.00 14600	.00 16300.00	18000.00				
No. Mk. Fr	Reading eq. Level	Correct Factor	Measure- ment	Limit	Over					
M	Hz (dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector				
1 4959.	300 44.44	-5.51	38.93	74.00	-35.07	peak				
2 5986.	100 45.36	-3.84	41.52	74.00	-32.48	peak				
3 7439.	600 43.11	0.64	43.75	74.00	-30.25	peak				
4 9629.	200 40.85	3.26	44.11	74.00	-29.89	peak				
5 11400.	600 38.42	6.63	45.05	74.00	-28.95	peak				
6 * 13000.	300 38.09	9.93	48.02	74.00	-25.98	peak				
Emission Level= Read Level+ Correct Factor										



Test Voltage:	DC 3.3V	DC 3.3V								
Ant. Pol.	Vertical	Vertical								
Test Mode:	TX BLE Mode	TX BLE Mode 2480MHz								
Remark:		No report for the emission which more than 10 dB below the prescribed limit.								
100.0 dBuV/m										
90										
80				FCC	: Part 150 (PK)					
70										
60				FCC	Part 150 (AV)					
50			المراجعة الم		malada o programa de la composição de la c	man Man				
30 20.0 1000.000 2700.00	4400.00 6100.00	7800.00 (MHz)	·	900.00 14600.0	00 16300.00	18000.00				
No Mis Es	Reading	•	Measure-	Limit	Over					
	eq. Level		ment	Limit	Over					
	Hz (dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	,,	Detector .				
1 3330.		-9.98	37.83	74.00	-36.17	peak				
2 3726.		-9.12	39.90	74.00	-34.10	peak				
3 4656.	.700 47.08	-6.33	40.75	74.00	-33.25	peak				
4 5596.	800 45.23	-4.72	40.51	74.00	-33.49	peak				
5 * 5998.	.000 48.46	-3.81	44.65	74.00	-29.35	peak				
6 8036.	300 41.50	2.06	43.56	74.00	-30.44	peak				
Emission Levels	= Read Level+ C	Correct Factor	r							





5.PHOTOGRAPHS OF EUT CONSTRUCTIONAL

Reference to the document No.: External Photos and Internal Photos.

*****THE END*****