

### Shenzhen Huaxia Testing Technology Co., Ltd.

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China

Telephone: Fax: Website:

+86-755-26648640 +86-755-26648637 www.cqa-cert.com

Report Template Version: V05 Report Template Revision Date: 2021-11-03

# **Test Report**

Report No.: Applicant: Address of Applicant:	CQASZ20231001851E-02 Shenzhen Buzz Tech CO., LTD 10th Floor, Guang Chang Bldg, 74#,BaoMin 1st Rd, Bao An Shenzhen, Guangdong, China
Equipment Under Test (E	UT):
Product:	SMART WATCH
Model No.:	P101, P103, P106, P107, P109, P110, P112, S67, S68, S69, S70
Test Model No.:	P101
Brand Name:	BYM
FCC ID:	2AGFWP101
Standards:	47 CFR Part 15, Subpart C
Date of Receipt:	2023-10-12
Date of Test:	2023-10-12 to 2023-10-19
Date of Issue:	2023-10-23
Test Result:	PASS*

\*In the configuration tested, the EUT complied with the standards specified above.

Tested By: \_\_\_\_\_ (Lewis ZhOU Timo Lei Reviewed By: ( Timo Lei ) Approved By: (Jack Ai)



The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.



# 1 Version

## **Revision History Of Report**

Report No.	Version	Description	Issue Date
CQASZ20231001851E-02	Rev.01	Initial report	2023-10-23



# 2 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15, Subpart C Section 15.203/15.247 (c)	ANSI C63.10 2013	PASS
AC Power Line Conducted Emission	47 CFR Part 15, Subpart C Section 15.207	ANSI C63.10 2013	PASS
Conducted Peak Output Power	47 CFR Part 15, Subpart C Section 15.247 (b)(1)	ANSI C63.10 2013	PASS
6dB Occupied Bandwidth	47 CFR Part 15, Subpart C Section 15.247 (a)(2)	ANSI C63.10 2013	PASS
Power Spectral Density	47 CFR Part 15, Subpart C Section 15.247 (e)	ANSI C63.10 2013	PASS
Band-edge for RF Conducted Emissions	47 CFR Part 15, Subpart C Section 15.247(d)	ANSI C63.10 2013	PASS
RF Conducted Spurious Emissions	47 CFR Part 15, Subpart C Section 15.247(d)	ANSI C63.10 2013	PASS
Radiated Spurious Emissions	47 CFR Part 15, Subpart C Section 15.205/15.209	ANSI C63.10 2013	PASS
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15, Subpart C Section 15.205/15.209	ANSI C63.10 2013	PASS



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## 4 General Information

## 4.1 Client Information

Applicant:	Shenzhen Buzz Tech CO., LTD
Address of Applicant:	10th Floor, Guang Chang Bldg, 74#,BaoMin 1st Rd, Bao An Shenzhen, Guangdong, China
Manufacturer:	Shenzhen Buzz Tech CO., LTD
Address of Manufacturer:	10th Floor, Guang Chang Bldg, 74#,BaoMin 1st Rd, Bao An Shenzhen, Guangdong, China
Factory:	Shenzhen Buzz Tech CO., LTD
Address of Factory:	10th Floor, Guang Chang Bldg, 74#,BaoMin 1st Rd, Bao An Shenzhen, Guangdong, China

## 4.2 General Description of EUT

Product Name:	SMART WATCH
Model No.:	P101, P103, P106, P107, P109, P110, P112, S67, S68, S69, S70
Test Model No.:	P101
Trade Mark:	ВҮМ
Software Version:	V1.01
Hardware Version:	T5170-V2.1
Operation Frequency:	2402MHz~2480MHz
Bluetooth Version:	V5.2
Modulation Type:	GFSK
Transfer Rate:	1Mbps
Number of Channel:	40
Product Type:	□ Mobile ⊠ Portable
Test Software of EUT:	RTLBTAPP
Antenna Type:	FPC antenna
Antenna Gain:	-0.48dBi
EUT Power Supply:	Li-ion battery: DC 3.7V 260mAh, Charge by DC 5V for adapter
Simultaneous Transmission	□ Simultaneous TX is supported and evaluated in this report.
	⊠ Simultaneous TX is not supported.



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

#### Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel (CH0)	2402MHz
The middle channel (CH19)	2440MHz
The highest channel (CH39)	2480MHz



## 4.3 Additional Instructions

EUT Test Software Settings:						
Mode:	$\boxtimes$ Special software is used.	Special software is used.				
	5 5 5	☐ Through engineering command into the engineering mode. engineering command: *#*#3646633#*#*				
EUT Power level:	Class2 (Power level is built-in set pa selected)	Class2 (Power level is built-in set parameters and cannot be changed and selected)				
Use test software to set the	Use test software to set the lowest frequency, the middle frequency and the highest frequency keep					
transmitting of the EUT.						
Mode	Channel Frequency(MHz)					
	CH0 2402					
GFSK	GFSK CH19 2440					
	CH39 2480					

#### Run Software:

COM U	e IART 💌 Port 💈 💌 Ba	udrate=115200 💌 🛛 🖋 🛄	pen 🛛 👬 R	EALTEK	
No Key	Word 👻 Delay 1000ms 👻				Hot Key
					HCI Reset
Link Mode   H	lopping LE Test				Test Mode
E PKT TX (for N	MP)	BLE Single Tone Channel 0		Stop	Read BD Address
hannel		10		//	
)ata Len					
ayload Type	Pseudo-Random bit sequence 9	•			
ΉY	1	-			
Iodulation Index	K stable modulation	¥			
e PKT Count(0:	continue Max:254)				
e Tx Gain Index	× 6	•			
Start	Stop LE Rx Count 0	_			
Start	Stup				
age					]
d RtlBluetoothM	/P.dll Success!!			~	
					✓ Patch Code



### 4.4 Test Environment

Operating Environment	Operating Environment:				
Temperature:	24.5°C				
Humidity:	59% RH				
Atmospheric Pressure:	1009mbar				
Test Mode:	Use test software to set the lowest frequency, the middle frequency and the highest frequency keep transmitting of the EUT.				

## 4.5 Description of Support Units

The EUT has been tested with associated equipment below.

1) Support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
Adapter	1	/	1	CQA
2) Cable				

Cable No.	Description	Manufacturer	Cable Type/Length	Supplied by	
/	/	/	1	/	



### 4.6 Statement of the 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 CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the **Shenzhen Huaxia Testing Technology Co., Ltd.** quality 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.

No.	Item	Uncertainty
1	Radiated Emission (Below 1GHz)	5.12dB
2	Radiated Emission (Above 1GHz)	4.60dB
3	Conducted Disturbance (0.15~30MHz)	3.34dB
4	Radio Frequency	3×10 <sup>-8</sup>
5	Duty cycle	0.6 %
6	Occupied Bandwidth	1.1%
7	RF conducted power	0.86dB
8	RF power density	0.74
9	Conducted Spurious emissions	0.86dB
10	Temperature test	0.8°C
11	Humidity test	2.0%
12	Supply voltages	0.5 %
13	Frequency Error	5.5 Hz

Hereafter the best measurement capability for CQA laboratory is reported:



### 4.7 Test Location

All tests were performed at:

Shenzhen Huaxia Testing Technology Co., Ltd.

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China

### 4.8 Test Facility

#### • A2LA (Certificate No. 4742.01)

Shenzhen Huaxia Testing Technology Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4742.01.

#### • FCC Registration No.: 522263

Shenzhen Huaxia Testing Technology Co., Ltd., Shenzhen 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. Registration No.:522263

### 4.9 Deviation from Standards

None.

### 4.10Other Information Requested by the Customer

None.



## 4.11Equipment List

			1		
Test Equipment	Manufacturer	Model No.	Instrument No.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR7	CQA-005	2023/09/08	2024/09/07
Spectrum analyzer	R&S	FSU26	CQA-038	2023/09/08	2024/09/07
Spectrum analyzer	R&S	FSU40	CQA-075	2023/09/08	2024/09/07
Preamplifier	MITEQ	AFS4-00010300-18- 10P-4	CQA-035	2023/09/08	2024/09/07
Preamplifier	MITEQ	AMF-6D-02001800- 29-20P	CQA-036	2023/09/08	2024/09/07
Preamplifier	EMCI	EMC184055SE	CQA-089	2023/09/08	2024/09/07
Loop antenna	Schwarzbeck	FMZB1516	CQA-060	2021/09/16	2024/09/15
Bilog Antenna	R&S	HL562	CQA-011	2021/09/16	2024/09/15
Horn Antenna	R&S	HF906	CQA-012	2021/09/16	2024/09/15
Horn Antenna	Schwarzbeck	BBHA 9170	CQA-088	2021/09/16	2024/09/15
Coaxial Cable (Above 1GHz)	CQA	N/A	C007	2023/09/08	2024/09/07
Coaxial Cable (Below 1GHz)	CQA	N/A	C013	2023/09/08	2024/09/07
RF cable(9KHz~40GHz)	CQA	RF-01	CQA-079	2023/09/08	2024/09/07
Antenna Connector	CQA	RFC-01	CQA-080	2023/09/08	2024/09/07
Power Sensor	KEYSIGHT	U2021XA	CQA-30	2023/09/08	2024/09/07
N1918A Power Analysis Manager Power Panel	Agilent	N1918A	CQA-074	2023/09/08	2024/09/07
Power meter	R&S	NRVD	CQA-029	2023/09/08	2024/09/07
Power divider	MIDWEST	PWD-2533-02-SMA- 79	CQA-067	2023/09/08	2024/09/07
EMI Test Receiver	R&S	ESR7	CQA-005	2023/09/08	2024/09/07
LISN	R&S	ENV216	CQA-003	2023/09/08	2024/09/07
Coaxial cable	CQA	N/A	CQA-C009	2023/09/08	2024/09/07
DC power	KEYSIGHT	E3631A	CQA-028	2023/09/08	2024/09/07

Note:

The temporary antenna connector is soldered on the pcb board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.





## 5 Test results and Measurement Data

### 5.1 Antenna Requirement

Standard requirement: 47 CFR Part 15C Section 15.203 /247(c)

#### 15.203 requirement:

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, 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.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### EUT Antenna:



The antenna is FPC antenna.

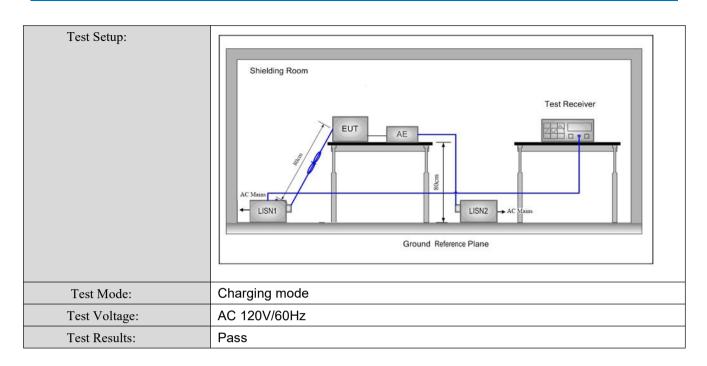
The connection/connection type between the antenna to the EUT's antenna port is: permanently attachment

This is either permanently attachment or a unique coupling that satisfies the requirement.



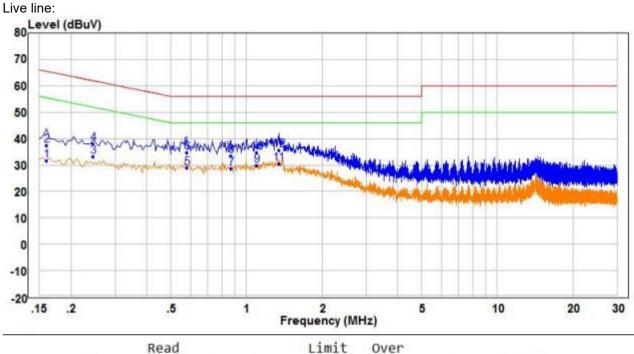
Test Requirement:	47 CFR Part 15C Section 15.207				
Test Method:	ANSI C63.10: 2013				
Test Frequency Range:	150kHz to 30MHz				
Limit:		Limit (d	lBuV)		
	Frequency range (MHz)	Quasi-peak	Average		
	0.15-0.5	66 to 56*	56 to 46*		
	0.5-5	56	46		
	5-30	60	50		
	* Decreases with the logarithm o	f the frequency.			
Test Procedure:	1) The mains terminal disturt room.	bance voltage test was	s conducted in a shielded		
	<ul> <li>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50µH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not</li> </ul>				
	<ul> <li>exceeded.</li> <li>3) The tabletop EUT was placed upon a non-metallic table 0. ground reference plane. And for floor-standing arrangeme placed on the horizontal ground reference plane,</li> <li>4) The test was performed with a vertical ground reference p of the EUT shall be 0.4 m from the vertical ground reference plane was bonded to the horizor reference plane. The LISN 1 was placed 0.8 m from the be unit under test and bonded to a ground reference plane for mounted on top of the ground reference plane. This distart between the closest points of the LISN 1 and the EUT. All the EUT and associated equipment was at least 0.8 m from 5) In order to find the maximum emission, the relative positio equipment and all of the interface cables must be changed ANSI C63.10: 2013 on conducted measurement.</li> </ul>				







#### **Measurement Data**



		Freq	Read Level	Factor	Level	Limit	Over Limit	Remark	Pol/Phase
	-	MHz	dBuV	dB	dBuV	dBuV	dB		- 0
1		0.160	21.98	9.68	31.66	55.46	-23.80	Average	Line
23		0.160	27.84	9.68	37.52	65.46	-27.94	QP	Line
3		0.245	23.69	9.55	33.24	51.92	-18.68	Average	Line
4		0.245	28.44	9.55	37.99	61.92	-23.93	QP	Line
5		0.580	19.28	9.78	29.06	46.00	-16.94	Average	Line
6		0.580	24.97	9.78	34.75	56.00	-21.25	QP	Line
7		0.870	18.93	9.79	28.72	46.00	-17.28	Average	Line
8 9		0.870	23.82	9.79	33.61	56.00	-22.39	QP	Line
9		1.100	19.92	9.97	29.89	46.00	-16.11	Average	Line
10		1.100	24.68	9.97	34.65	56.00	-21.35	QP	Line
11	PP	1.345	20.04	10.53	30.57	46.00	-15.43	Average	Line
12	QP	1.345	24.98	10.53	35.51	56.00	-20.49	QP	Line

Remark:

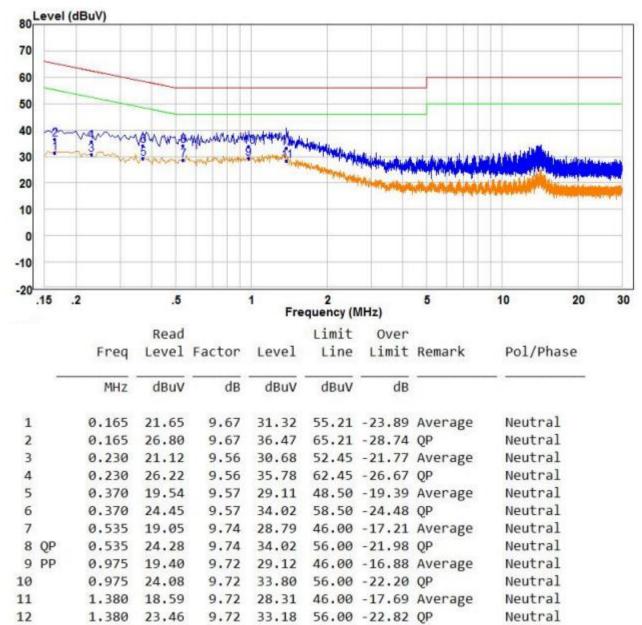
1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

3. If the Peak value under Average limit, the Average value is not recorded in the report.



Neutral line:



Remark:

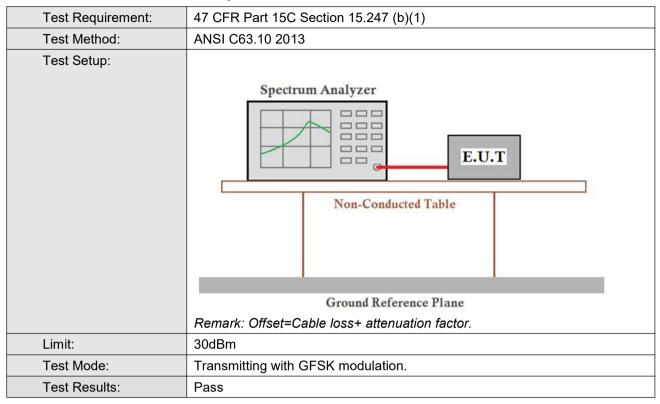
1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

3. If the Peak value under Average limit, the Average value is not recorded in the report.



### 5.3 Conducted Peak Output Power



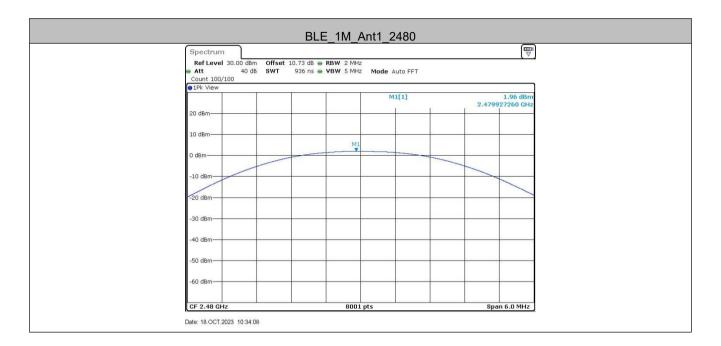
#### Measurement Data

	GFSK mode (1Mbps)				
Test channel	Peak Output Power (dBm) Limit (dBm) Result				
Lowest	1.11	30.00	Pass		
Middle	2.01	30.00	Pass		
Highest	1.96	30.00	Pass		



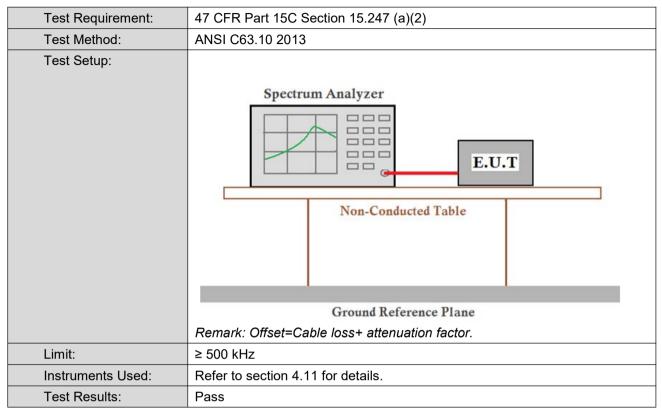








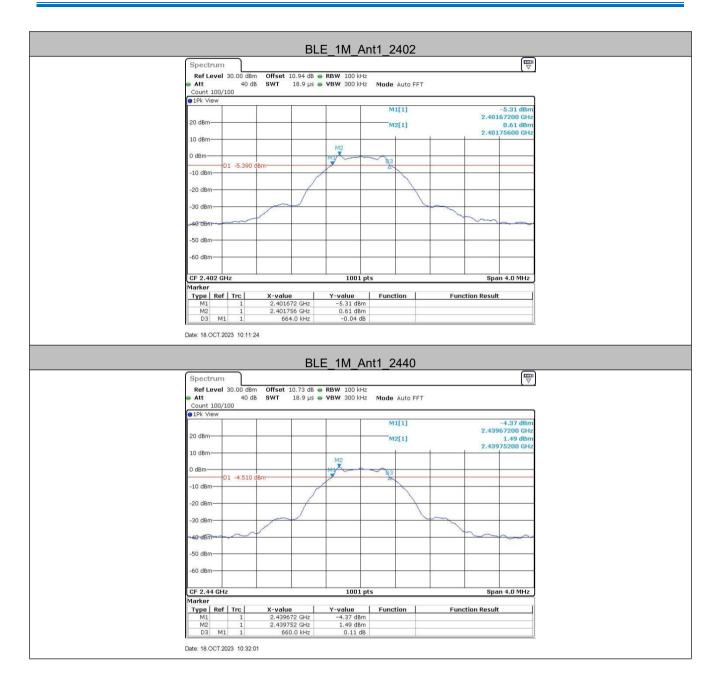
## 5.4 6dB Occupy Bandwidth



#### **Measurement Data**

	GFSK mode (1Mbps)					
Test channel	6dB Occupy Bandwidth (MHz)	Limit (kHz)	Result			
Lowest	0.66	≥500	Pass			
Middle	0.66	≥500	Pass			
Highest	0.66	≥500	Pass			



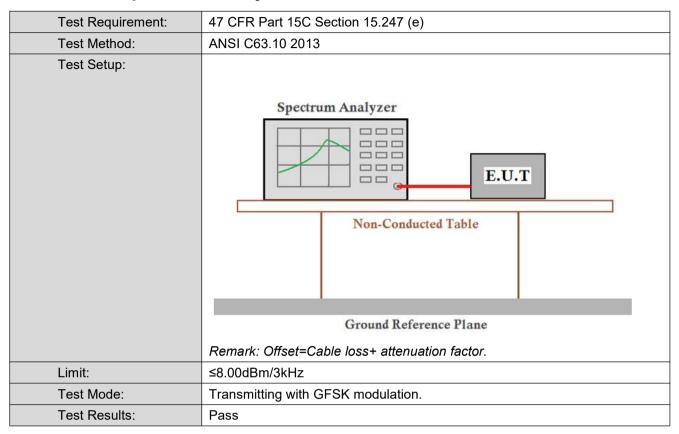








## 5.5 Power Spectral Density

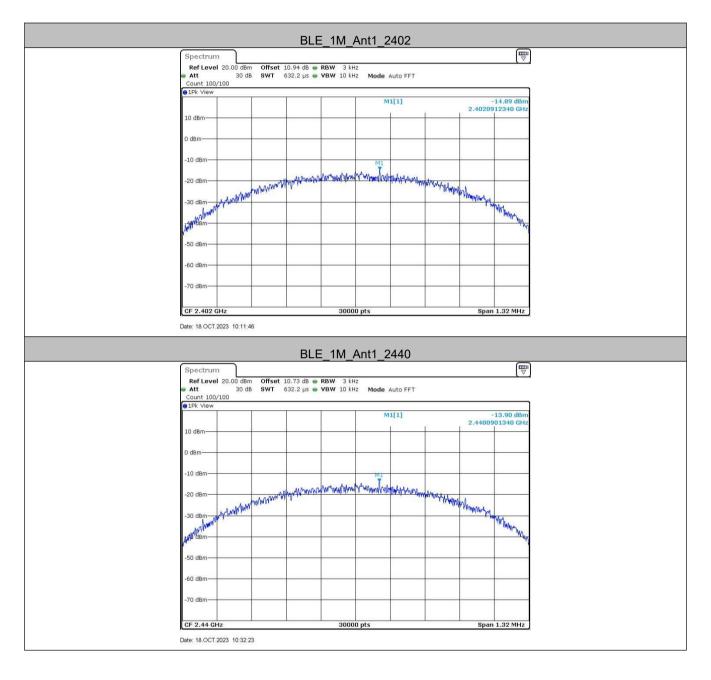


#### Measurement Data

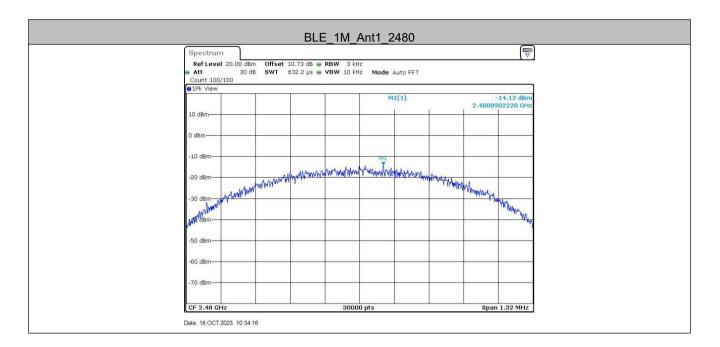
	GFSK mode (1Mbps)		
Test channel	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Lowest	-14.89	≤8.00	Pass
Middle	-13.90	≤8.00	Pass
Highest	-14.12	≤8.00	Pass



#### Test plot as follows:

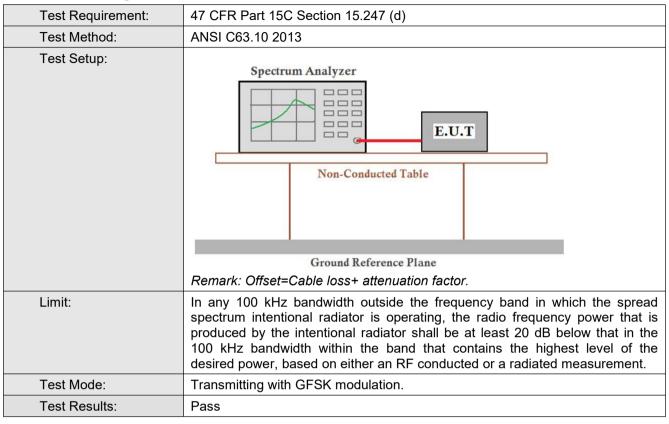








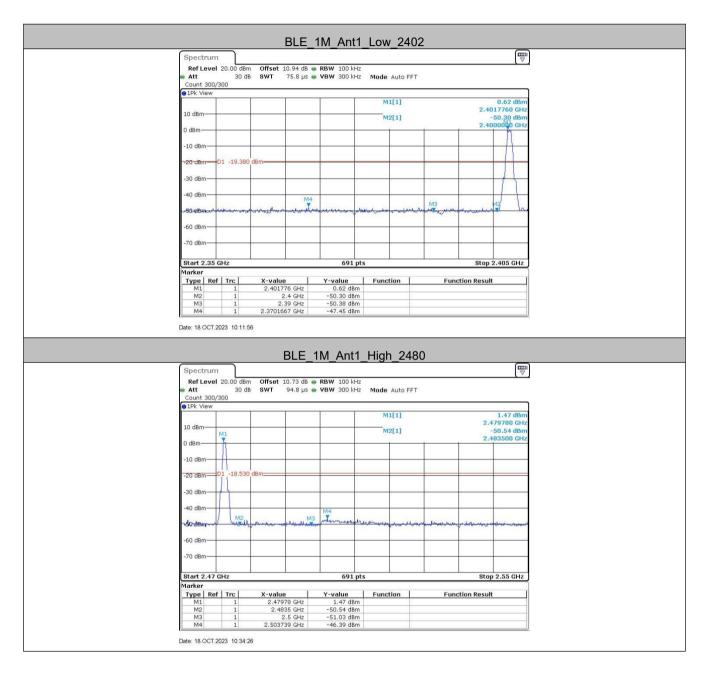
### 5.6 Band-edge for RF Conducted Emissions



TestMode	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
	Low	2402	0.62	-47.45	≤-19.38	PASS
BLE_1M	High	2480	1.47	-46.39	≤-18.53	PASS

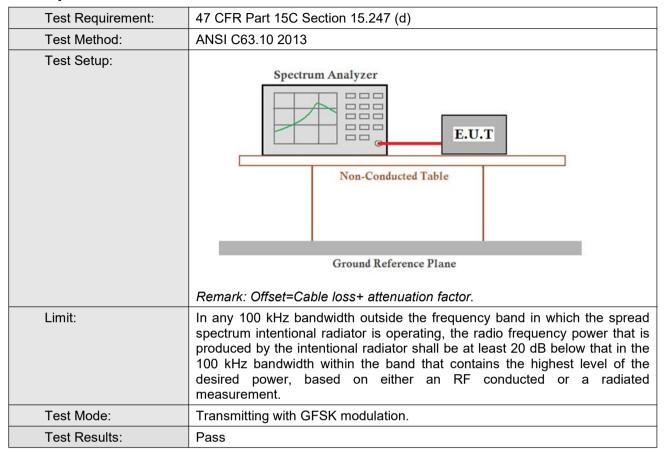


#### Test plot as follows:



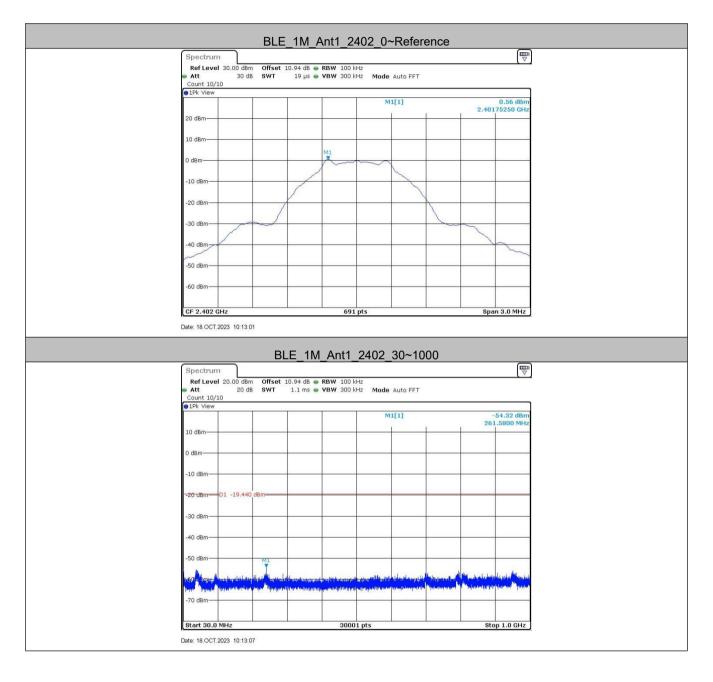


## 5.7 Spurious RF Conducted Emissions

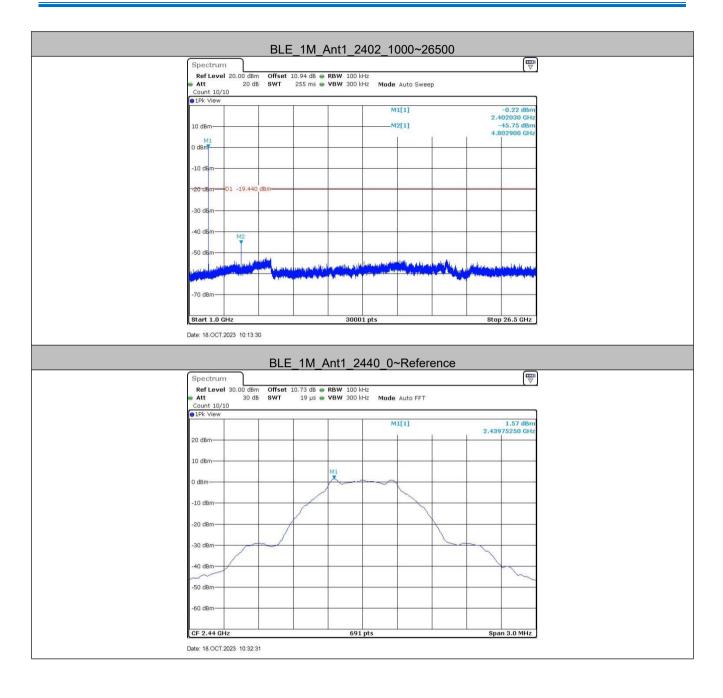




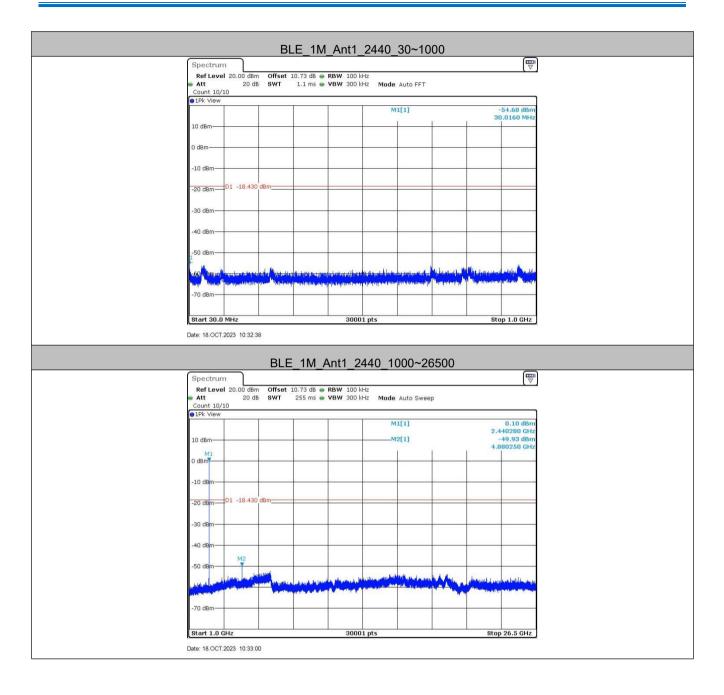
#### Test plot as follows:



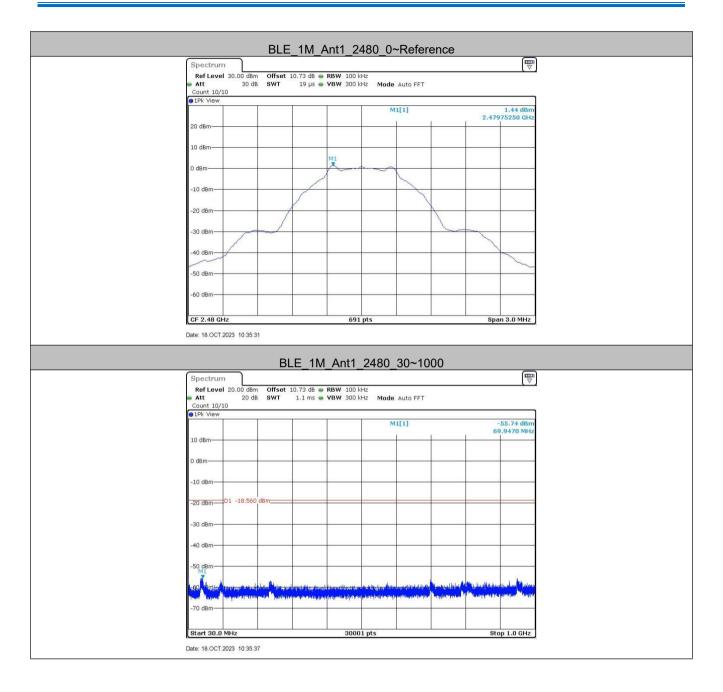




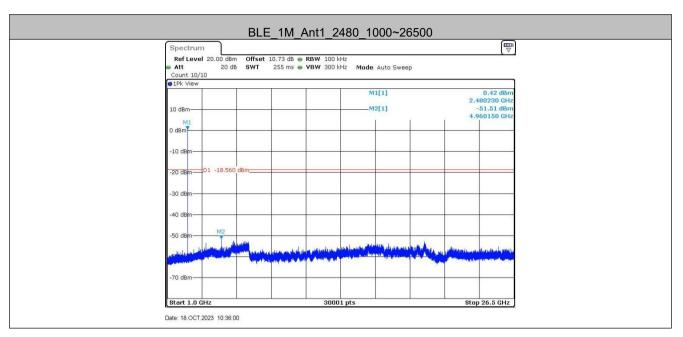












#### Remark:

Pretest 9kHz to 25GHz, find the highest point when testing, so only the worst data were shown in the test report. Per FCC Part 15.33 (a) and 15.31 (o) ,The amplitude of spurious emissions from intentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this part.



Г

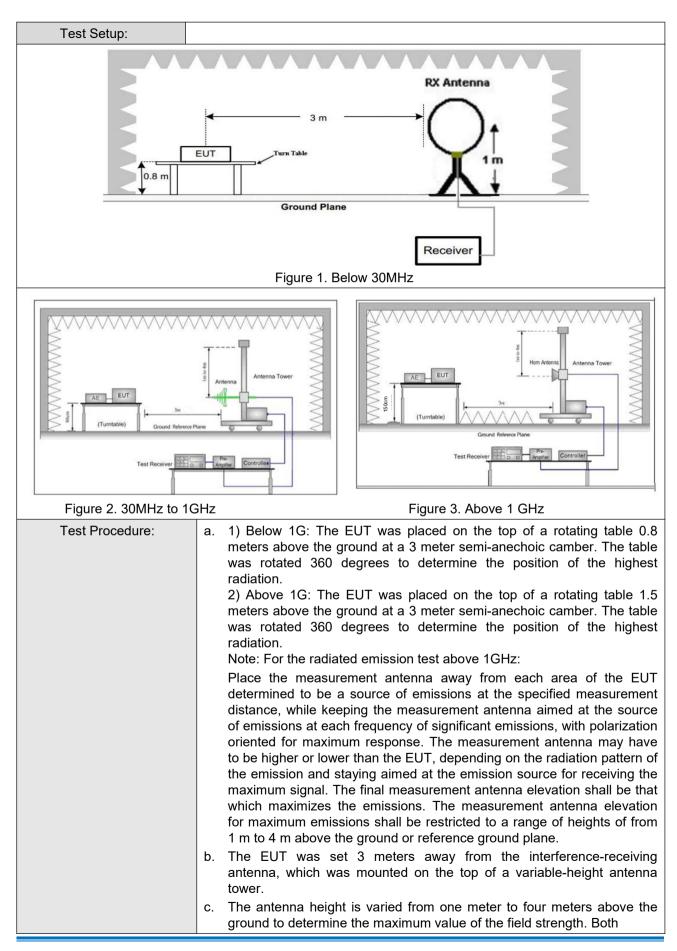
Report No.: CQASZ20231001851E-02

## 5.8 Radiated Spurious Emission & Restricted bands

Test Requirement:	47 CFR Part 15C Section	on 1	5.209 and 15	.205		
Test Method:	ANSI C63.10 2013					
Test Site:	Measurement Distance	: 3m	n (Semi-Anecł	noic Cham	ber)	
Receiver Setup:	Frequency		Detector	RBW	VBW	Remark
	0.009MHz-0.090MH	z	Peak	10kHz	z 30kHz	Peak
	0.009MHz-0.090MH	z	Average	10kHz	z 30kHz	Average
	0.090MHz-0.110MH	z	Quasi-peak	10kHz	z 30kHz	Quasi-peak
	0.110MHz-0.490MH	z	Peak	10kHz	z 30kHz	Peak
	0.110MHz-0.490MH	z	Average	10kHz	z 30kHz	Average
	0.490MHz -30MHz		Quasi-peak	10kHz	z 30kHz	Quasi-peak
	30MHz-1GHz		Quasi-peak	100 kH	z 300kHz	Quasi-peak
	Above 1GHz		Peak	1MHz	3MHz	Peak
			Peak	1MHz	10Hz	Average
Limit:	Frequency		eld strength crovolt/meter)	Limit (dBuV/m)	Remark	Measureme distance (r
	0.009MHz-0.490MHz	2	400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24	000/F(kHz)	-	-	30
	1.705MHz-30MHz		30	-	-	30
	30MHz-88MHz		100	40.0	Quasi-peak	3
	88MHz-216MHz		150	43.5	Quasi-peak	3
	216MHz-960MHz	216MHz-960MHz 200		46.0	Quasi-peak	3
	960MHz-1GHz 500		500	54.0	Quasi-peak	3
	Above 1GHz 500		500	54.0	Average	3
	Note: 15.35(b), frequency emissions is limit applicable to the e peak emission level rac	20c quip	IB above the oment under t	maximum est. This p	permitted ave	erage emissio

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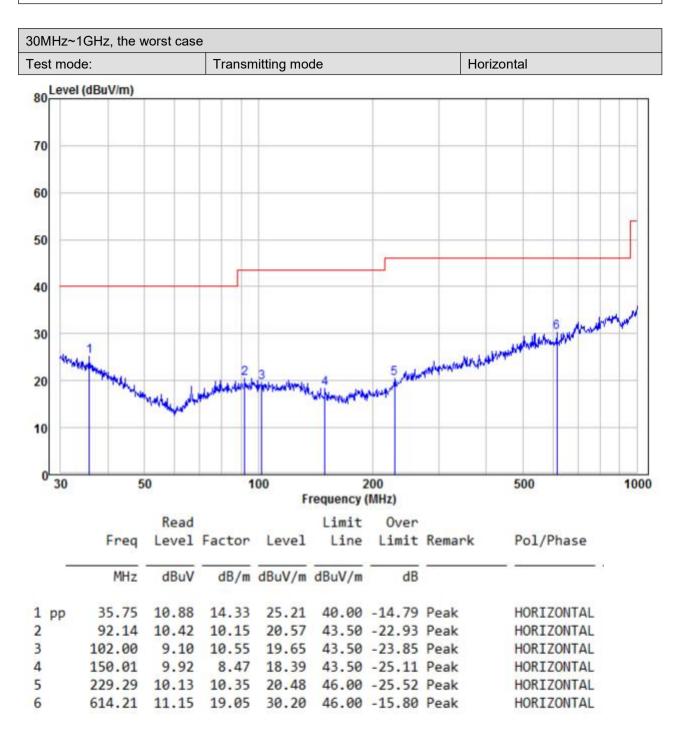




	horizontal and vertical polarizations of the antenna are set to make the measurement.
	d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
	e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
	f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
	<ul> <li>g. Test the EUT in the lowest channel (2402MHz), the middle channel (2440MHz), the Highest channel (2480MHz)</li> </ul>
	h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
	i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with GFSK modulation. Transmitting mode.
Final Test Mode:	Through Pre-scan, find the 1Mbps of data type and GFSK modulation is the worst case.
	For below 1GHz part, through pre-scan, the worst case is the highest channel.
	Only the worst case is recorded in the report.
Test Results:	Pass



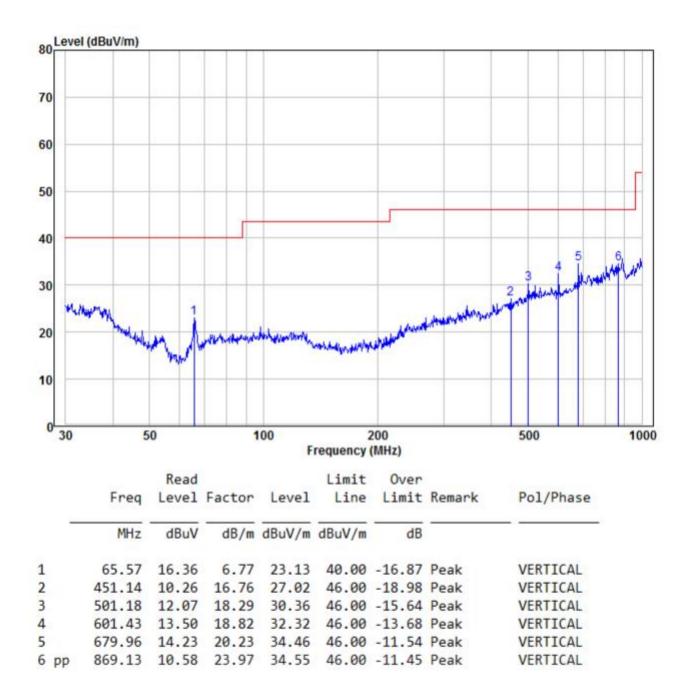
#### Radiated Emission below 1GHz





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30MHz~1GHz, the worst case						
Test mode:	Transmitting mode	Vertical				





#### Transmitter Emission above 1GHz

Worse case m	ode:	GFSK(1Mbp	s)	Test chann	el:	Lowest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
2390	55.30	-9.2	46.10	74	-27.90	Peak	н
2400	55.35	-9.39	45.96	74	-28.04	Peak	Н
4804	53.56	-4.33	49.23	74	-24.77	Peak	Н
7206	48.50	1.01	49.51	74	-24.49	Peak	Н
2390	53.37	-9.2	44.17	74	-29.83	Peak	V
2400	52.09	-9.39	42.70	74	-31.30	Peak	V
4804	53.63	-4.33	49.30	74	-24.70	Peak	V
7206	49.70	1.01	50.71	74	-23.29	Peak	V

Worse case m	ode:	GFSK(1Mbp	s)	Test chann	el:	Middle	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
4880	51.83	-4.11	47.72	74	-26.28	peak	Н
7320	49.61	1.51	51.12	74	-22.88	peak	Н
4880	53.02	-4.11	48.91	74	-25.09	peak	V
7320	49.92	1.51	51.43	74	-22.57	peak	V

Worse case m	ode:	GFSK(1Mbp	s)	Test chann	el:	Highest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
2483.5	57.21	-9.29	47.92	74	-26.08	Peak	Н
4960	50.99	-4.04	46.95	74	-27.05	Peak	Н
7440	48.32	1.57	49.89	74	-24.11	Peak	Н
2483.5	57.98	-9.29	48.69	74	-25.31	Peak	v
4960	51.09	-4.04	47.05	74	-26.95	Peak	V
7440	48.52	1.57	50.09	74	-23.91	Peak	V

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

2) Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.



## 6 Photographs - EUT Test Setup

## 6.1 Radiated Spurious Emission

9kHz~30MHz:



30MHz~1GHz:







# 6.2 Conducted Emissions Test Setup





## 7 Photographs - EUT Constructional Details

Refer to Photographs - EUT Constructional Details OF EUT for CQASZ20231001851E-01.

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