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+86-755-26648637 Report Template Version: V05 www.cga-cert.com Report Template Revision Date: 2021-11-03

# **Test Report**

Report No.: CQASZ20220701153E

Applicant: Sosmart Spa (SoyMomo SA)

Address of Applicant: Ricardo Lyon 1688, Providencia, Santiago, Chile. 7510851

**Equipment Under Test (EUT):** 

**Product:** Baby Monitor Lite

Model No.: SMBM\_LITE, SMBM\_LITE\_BL, SMBM\_LITE\_PR, SMBM\_LITE\_PI,

SMBM\_LITE\_CR

Test Model No.: SMBM\_LITE\_BL

Brand Name: N/A

FCC ID: 2A4WI-SMBM-LITE-PUA

Standards: 47 CFR Part 15, Subpart C

**Date of Receipt:** 2022-07-07

**Date of Test:** 2022-07-07 to 2022-08-17

Date of Issue: 2022-08-22
Test Result: PASS\*

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

Tested By:

( Lewis Zhou )

Reviewed By: \_\_\_\_\_ K. Liao

(K Liao)

Approved By: (Jack Ai)





Report No.: CQASZ20220701153E

# 1 Version

# **Revision History Of Report**

Report No.	Version	Description	Issue Date
CQASZ20220701153E	Rev.01	Initial report	2022-08-22





# 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)(3)	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:	Sosmart Spa (SoyMomo SA)
Address of Applicant:	Ricardo Lyon 1688, Providencia, Santiago, Chile. 7510851
Manufacturer:	Dongguan Anhong Electronic Technology Co., Ltd.
Address of Manufacturer:	Floor 2, No.19, DeZhong Technology Park, Dalingbian Road, Shahu Community, Tangxia Town, Dongguan city, China.
Factory:	Dongguan Anhong Electronic Technology Co., Ltd.
Address of Factory:	Floor 2, No.19, DeZhong Technology Park, Dalingbian Road, Shahu Community, Tangxia Town, Dongguan city, China.

# 4.2 General Description of EUT

Product Name:	Baby Monitor Lite
Model No.:	SMBM_LITE, SMBM_LITE_BL, SMBM_LITE_PR, SMBM_LITE_PI, SMBM_LITE_CR
Test Model No.:	SMBM_LITE_BL
Trade Mark:	N/A
Software Version:	V1.0
Hardware Version:	V1.0
Operation Frequency:	2406MHz~2476MHz
Modulation Type:	GFSK
Number of Channel:	3
Product Type:	☐ Mobile ☐ Portable ☐ Fix Location
Test Software of EUT:	Mechanical keys
Antenna Type:	internal antenna
Antenna Gain:	1.5dBi
EUT Power Supply:	3.7V 2300mAh 8.51Wh, Charge by DC 5V for adapter



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Operation F	requency each	of channel					
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2406MHz	1	2441MHz	2	2476MHz		

#### 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)	2406MHz
The middle channel (CH1)	2441MHz
The highest channel (CH2)	2476MHz



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# 4.3 Additional Instructions

EUT Test Software Settings:					
Mode:	⊠ Special software is used.	⊠ Special software is used.			
	☐ Through engineering command into the engineering mode. engineering command: *#*#3646633#*#*				
EUT Power level:	Class2 (Power level is built-in set para selected)	meters and cannot be changed and			
Use test software to set the lov	Use test software to set the lowest frequency, the middle frequency and the highest frequency keep				
transmitting of the EUT.					
Mode	Mode Channel Frequency(MHz)				
	CH0 2406				
GFSK	CH1 2441				
	CH2	2476			



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## 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
/	1	/	,	
2) Cable				
Cable No.	Description	Manufacturer	Cable Type/Length	Supplied by





### 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.** guality 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.

Hereafter the best measurement capability for CQA laboratory is reported:

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℃
11	Humidity test	2.0%
12	Supply voltages	0.5 %
13	Frequency Error	5.5 Hz



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#### 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.

## 4.10 Other Information Requested by the Customer

None.





# 4.11Equipment List

			Instrument	Calibration	Calibration
Test Equipment	Manufacturer	Model No.	No.	Date	Due Date
EMI Test Receiver	R&S	ESR7	CQA-005	2021/9/10	2022/9/9
Spectrum analyzer	R&S	FSU26	CQA-038	2021/9/10	2022/9/9
		AFS4-00010300-18-10P-			
Preamplifier	MITEQ	4	CQA-035	2021/9/10	2022/9/9
		AMF-6D-02001800-29-			
Preamplifier	MITEQ	20P	CQA-036	2021/9/10	2022/9/9
Loop antenna	Schwarzbeck	FMZB1516	CQA-087	2021/9/16	2024/9/15
Bilog Antenna	R&S	HL562	CQA-011	2021/9/16	2024/9/15
Horn Antenna	R&S	HF906	CQA-012	2021/9/16	2024/9/15
Horn Antenna	Schwarzbeck	BBHA 9170	CQA-088	2021/9/16	2024/9/15
Coaxial Cable					
(Above 1GHz)	CQA	N/A	C019	2021/9/10	2022/9/9
Coaxial Cable					
(Below 1GHz)	CQA	N/A	C020	2021/9/10	2022/9/9
Antenna Connector	CQA	RFC-01	CQA-080	2021/9/10	2022/9/9
RF					
cable(9KHz~40GHz)	CQA	RF-01	CQA-079	2021/9/10	2022/9/9
Power divider	MIDWEST	PWD-2533-02-SMA-79	CQA-067	2021/9/10	2022/9/9
EMI Test Receiver	R&S	ESPI3	CQA-013	2021/9/10	2022/9/9
LISN	R&S	ENV216	CQA-003	2021/9/10	2022/9/9
Coaxial cable	CQA	N/A	CQA-C009	2021/9/10	2022/9/9

#### 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)

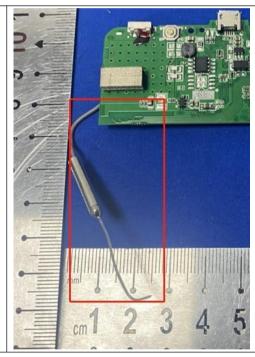
15.203 requirement:

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 internal antenna. The best case gain of the antenna is 1.5 dBi.

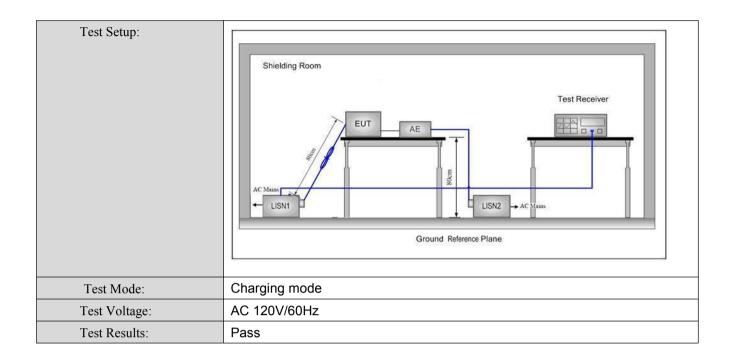


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# 5.2 Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207				
Test Method:	ANSI C63.10: 2013				
Test Frequency Range:	150kHz to 30MHz				
Limit:	E (AUI.)	Limit (d	dBuV)		
	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:	The mains terminal disturble room.	bance voltage test was	s conducted in a shie	elded	
	2) The EUT was connected to	o AC power source thro	ough a LISN 1 (Line		
	Impedance Stabilization N	etwork) which provides	a 50Ω/50μH + 5Ω lir	near	
	impedance. The power cal				
	connected to a second LIS		•		
	reference plane in the sam	•	•		
		cket outlet strip was used to connect multiple			
	power cables to a single L exceeded.	ISN provided the rating	of the LISN was not		
	3) The tabletop EUT was place	ced upon a non-metalli	c table 0.8m above th	ne	
	ground reference plane. A	nd for floor-standing ar	rangement, the EUT	was	
	placed on the horizontal gr				
	4) The test was performed wi	~	·		
	of the EUT shall be 0.4 m	_	•	ie	
	vertical ground reference p		•		
	reference plane. The LISN	•	_	ne	
	unit under test and bonded	•	•		
	mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other unit				
the EUT and associated equipment was at least 0.8 m from					
	5) In order to find the maximu	• •			
	equipment and all of the in		•	to	
	ANSI C63.10: 2013 on cor		5 5		

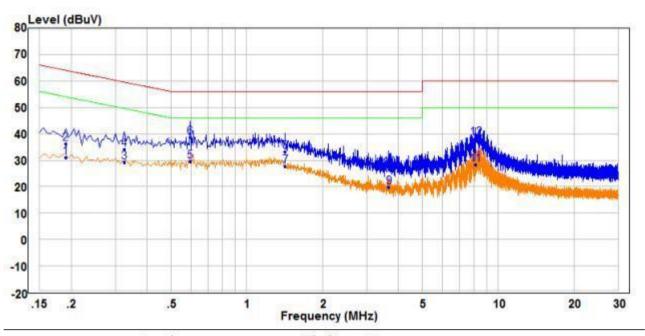






#### **Measurement Data**

Live line:



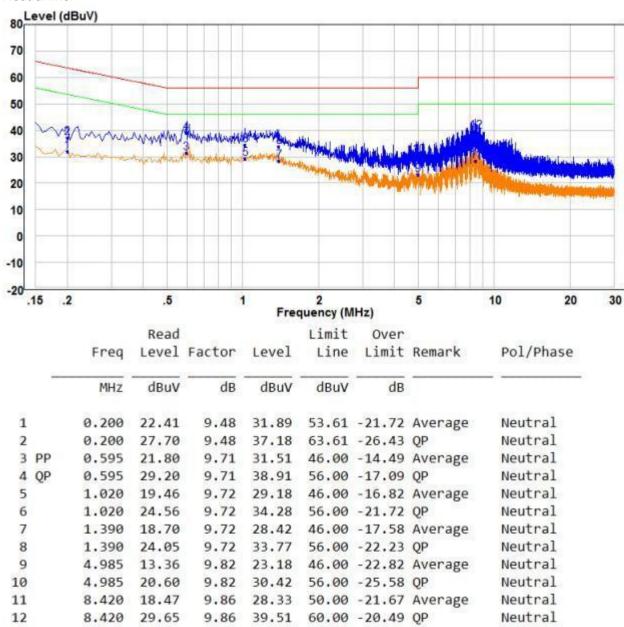
		Freq	Read Level	Factor	Level	Limit Line		Remark	Pol/Phase
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.190	21.50	9.49	30.99	54.04	-23.05	Average	Line
2		0.190	26.78	9.49	36.27	64.04	-27.77	QP	Line
3		0.325	19.80	9.49	29.29	49.58	-20.29	Average	Line
4		0.325	24.66	9.49	34.15	59.58	-25.43	QP	Line
5	PP	0.595	19.97	9.70	29.67	46.00	-16.33	Average	Line
6	QP	0.595	28.97	9.70	38.67	56.00	-17.33	QP	Line
7		1.420	18.34	9.52	27.86	46.00	-18.14	Average	Line
7 8 9		1.420	23.74	9.52	33.26	56.00	-22.74	QP	Line
9		3.670	10.13	9.65	19.78	46.00	-26.22	Average	Line
10		3.670	17.52	9.65	27.17	56.00	-28.83	QP	Line
11		8.095	18.45	9.74	28.19	50.00	-21.81	Average	Line
12		8.095	28.51	9.74	38.25	60.00	-21.75	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:

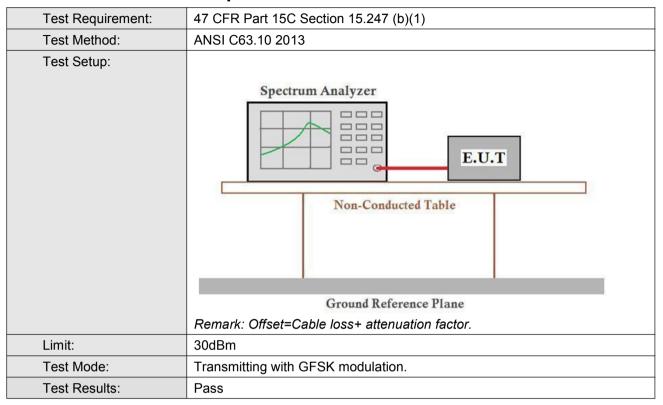


#### Remark:

- 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

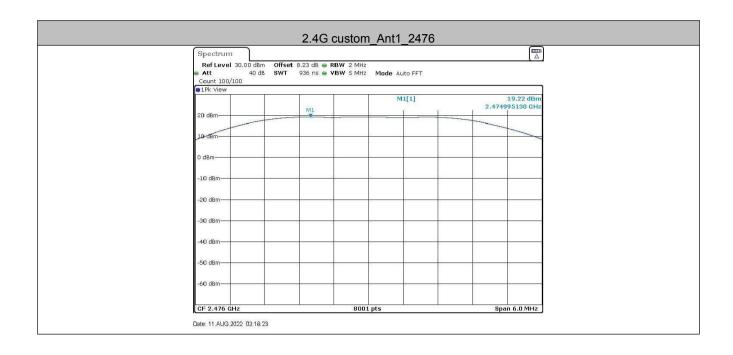


#### **Measurement Data**

GFSK mode									
Test channel	Peak Output Power (dBm)	AV power(dBm)	Limit (dBm)	Result					
Lowest	17.43	15.13	30.00	Pass					
Middle	19.22	16.92	30.00	Pass					
Highest	19.22	16.92	30.00	Pass					

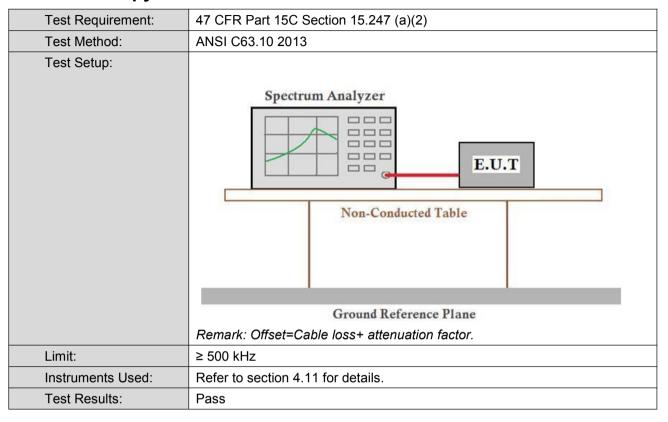








## 5.4 6dB Occupy Bandwidth



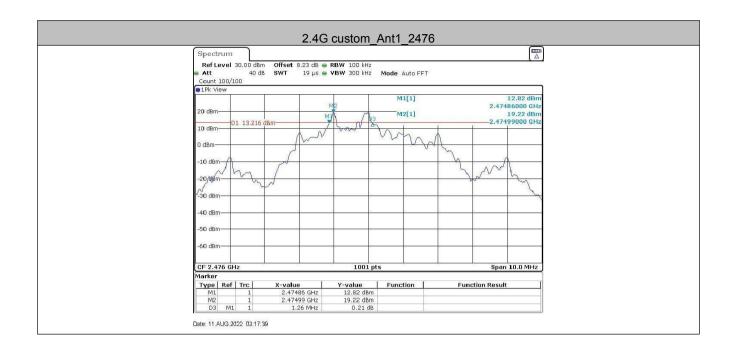
#### **Measurement Data**

GFSK mode							
Test channel	6dB Occupy Bandwidth (MHz)	Limit (kHz)	Result				
Lowest	1.300	≥500	Pass				
Middle	1.300	≥500	Pass				
Highest	1.260	≥500	Pass				



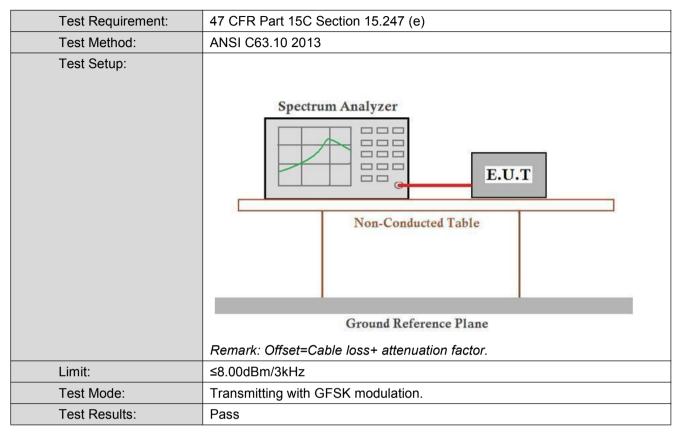








## 5.5 Power Spectral Density

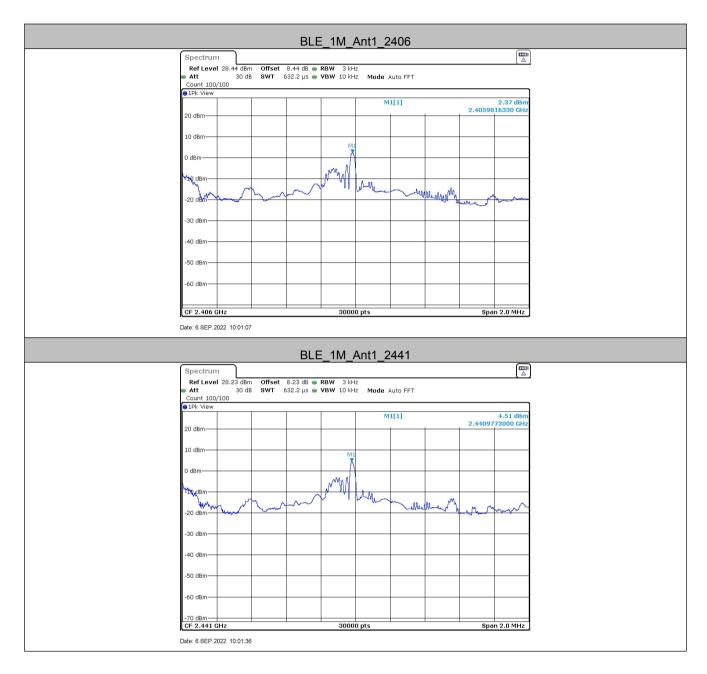


#### **Measurement Data**

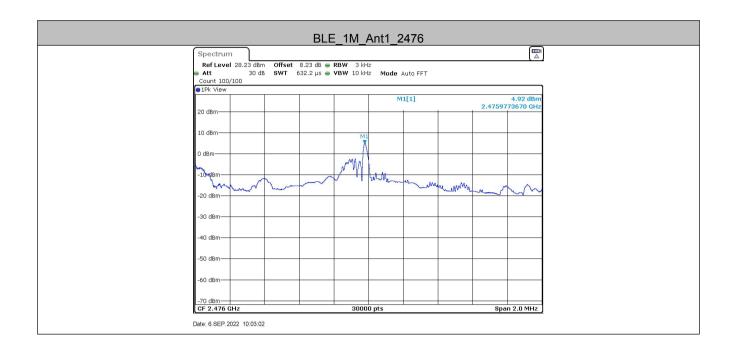
Measurement Data			
	GFSK mode		
Test channel	Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Lowest	2.37	≤8.00	Pass
Middle	4.51	≤8.00	Pass
Highest	4.92	≤8.00	Pass



#### Test plot as follows:



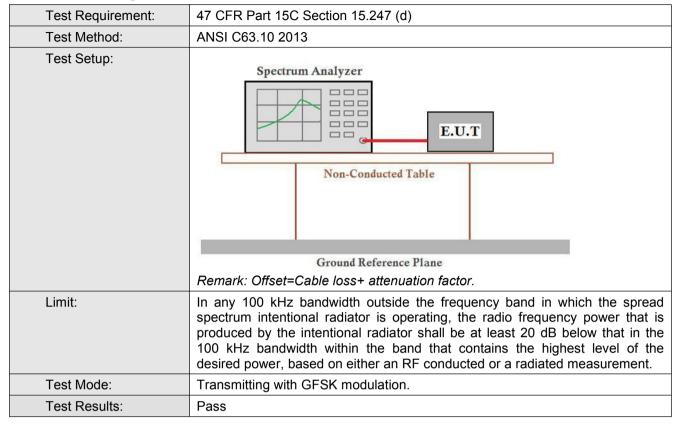






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# 5.6 Band-edge for RF Conducted Emissions

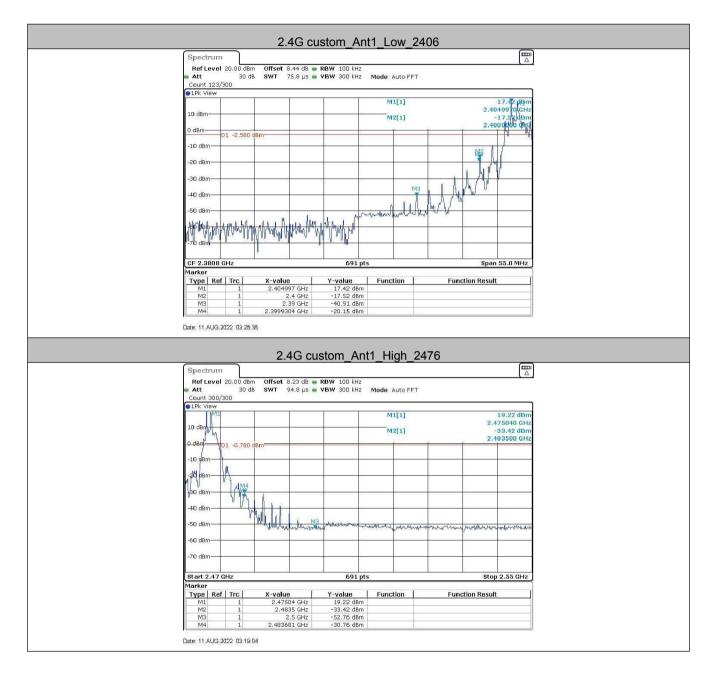


TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G		Low	2406	17.42	-20.15	≤-2.58	PASS
custom	Ant1	High	2476	19.22	-30.76	≤-0.78	PASS



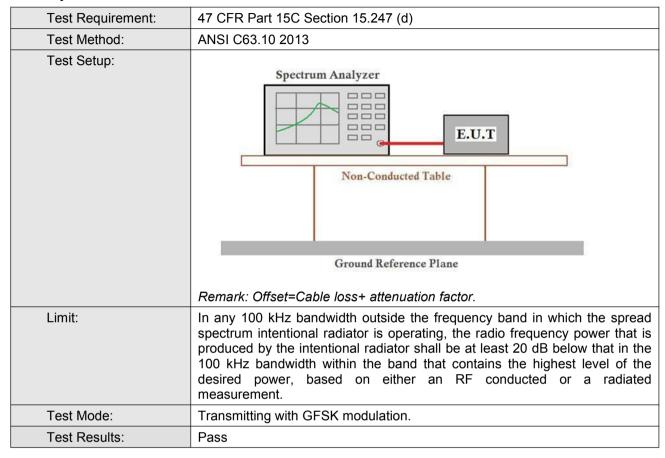


#### Test plot as follows:



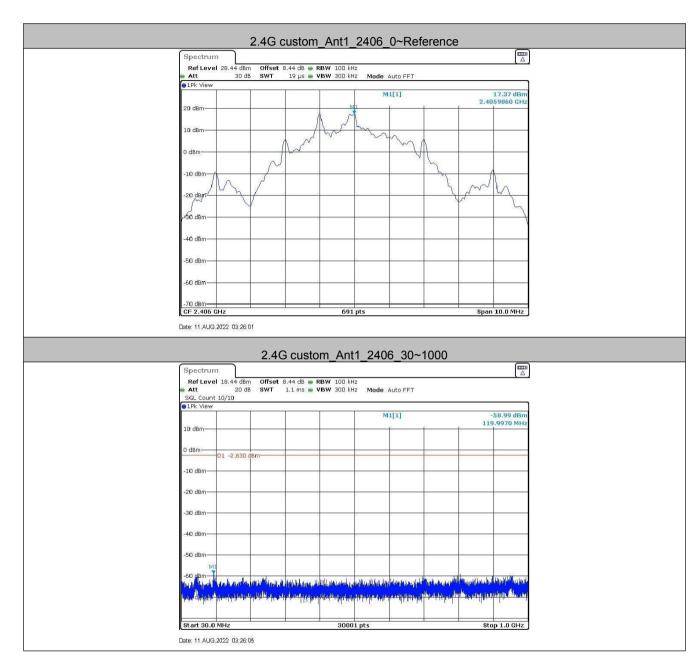


## 5.7 Spurious RF Conducted Emissions

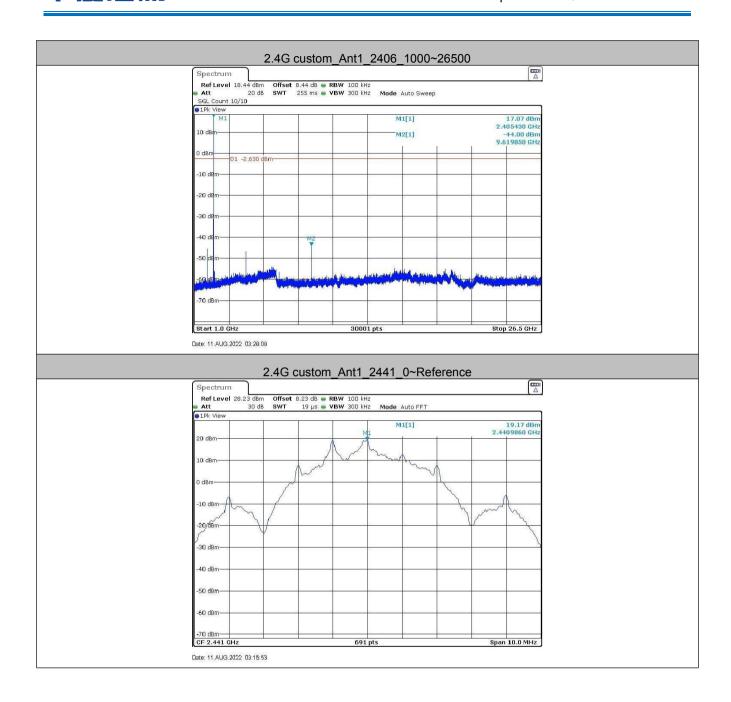




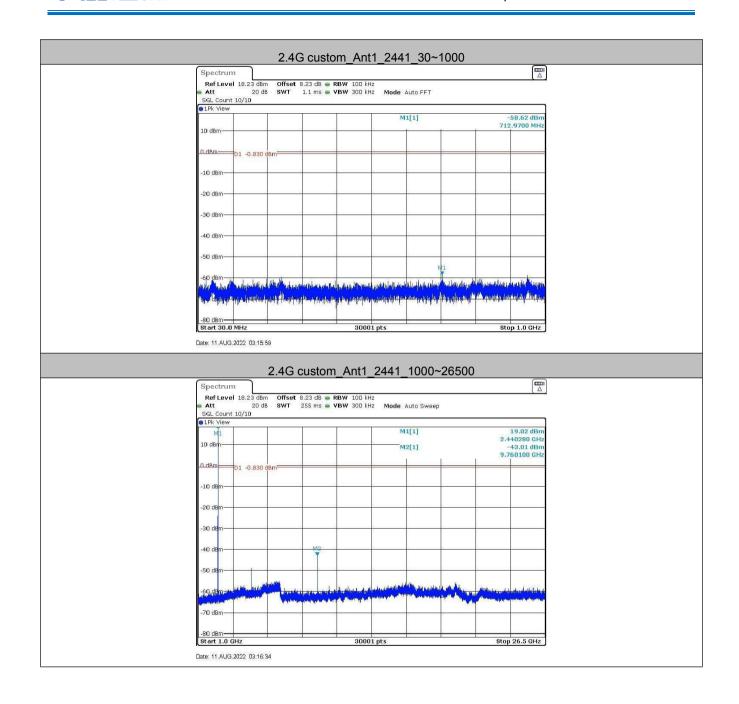
#### Test plot as follows:



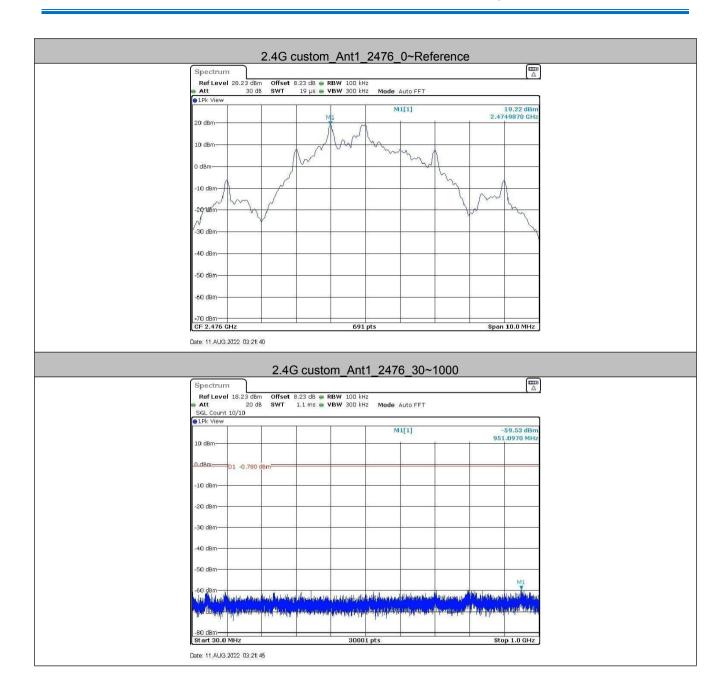






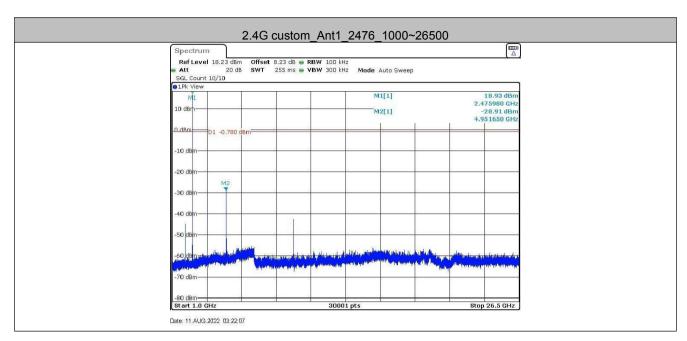








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#### Remark:

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.

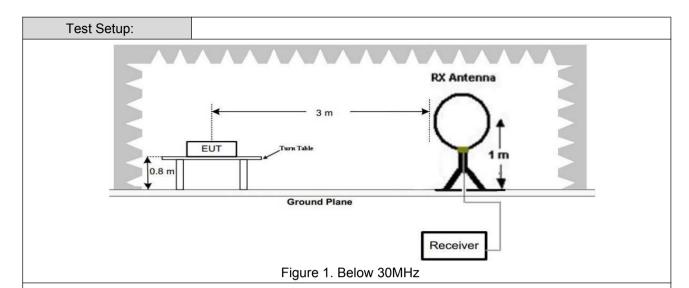


# 5.8 Radiated Spurious Emission & Restricted bands

5.8.1 Spurious Emiss	ions										
Test Requirement:	47 CFR Part 15C Secti	on 1	5.209 and 15	.205				_			
Test Method:	ANSI C63.10 2013										
Test Site:	Measurement Distance	Measurement Distance: 3m (Semi-Anechoic Chamber)									
Receiver Setup:	Frequency		Detector	RBW		VBW	Remark				
	0.009MHz-0.090MH	z	Peak	10kHz	<u>,</u> ;	30kHz	Peak				
	0.009MHz-0.090MH	z	Average	10kHz	<u>z</u> ;	30kHz	Average				
	0.090MHz-0.110MH	z	Quasi-peak	10kHz	<u>z</u> ;	30kHz	Quasi-peak				
	0.110MHz-0.490MH	z	Peak	10kHz	<u> </u>	30kHz	Peak				
	0.110MHz-0.490MH	z	Average	10kHz	<u>z</u> (	30kHz	Average				
	0.490MHz -30MHz		Quasi-peak	10kHz	<u>z</u> (	30kHz	Quasi-peak				
	30MHz-1GHz		Quasi-peak	100 kH	lz 3	800kHz	Quasi-peak				
	Above 1GHz		Peak	1MHz		3MHz	Peak				
	Above 1GHz		Peak	1MHz	:	10Hz	Average				
Limit:	Frequency		eld strength crovolt/meter)	Limit (dBuV/m)	Re	emark	Measureme distance (m				
	0.009MHz-0.490MHz	2	400/F(kHz)	-		-	300				
	0.490MHz-1.705MHz	24	1000/F(kHz)	-		-	30				
	1.705MHz-30MHz		30	-		-	30				
	30MHz-88MHz		100	40.0	Qua	si-peak	3				
	88MHz-216MHz		150	43.5	Qua	si-peak	3				
	216MHz-960MHz		200	46.0	Qua	si-peak	3				
	960MHz-1GHz		500	54.0	Qua	si-peak	3				
	Above 1GHz 500 54.0 Average 3						3				
	Note: 15.35(b), frequency emissions is limit applicable to the epeak emission level race	20c quip	IB above the oment under t	maximum est. This p	perm	itted ave	erage emission	1			







Antenna Tower

Ale EUT

Jie

Ground Reference Plane

Test Receiver

Test Receiver

Test Receiver

Ground Reference Plane

Test Receiver

Test Receiver

Test Receiver

Figure 2. 30MHz to 1GHz

Figure 3. Above 1 GHz

#### Test Procedure:

- a. 1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
  - 2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.

Note: For the radiated emission test above 1GHz:

Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both

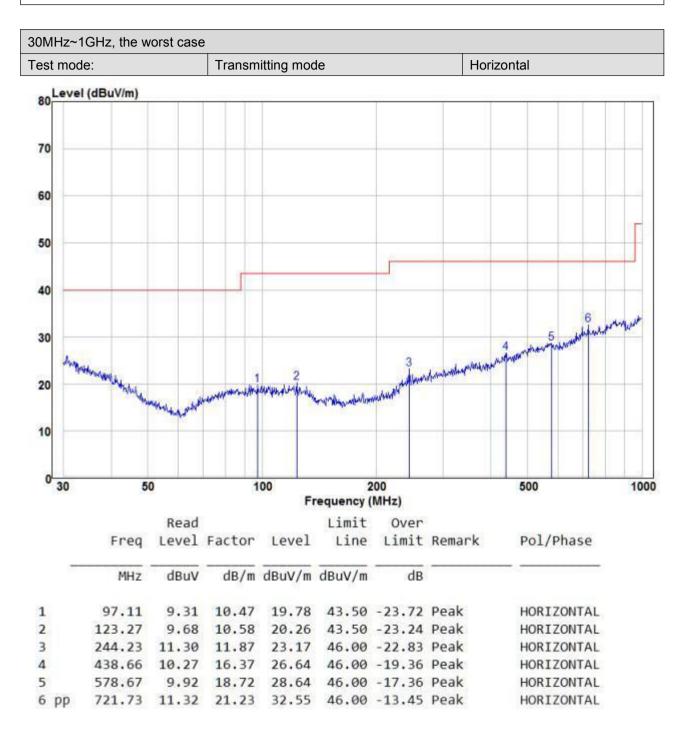


	horizontal and vertical polarizations of the antenna are set to make the measurement.
	d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) 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.
	<ul> <li>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.</li> <li>g. Test the EUT in the lowest channel (2406MHz),the middle channel (2441MHz),the Highest channel (2476MHz)</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.
Took Dooulton	
Test Results:	Pass





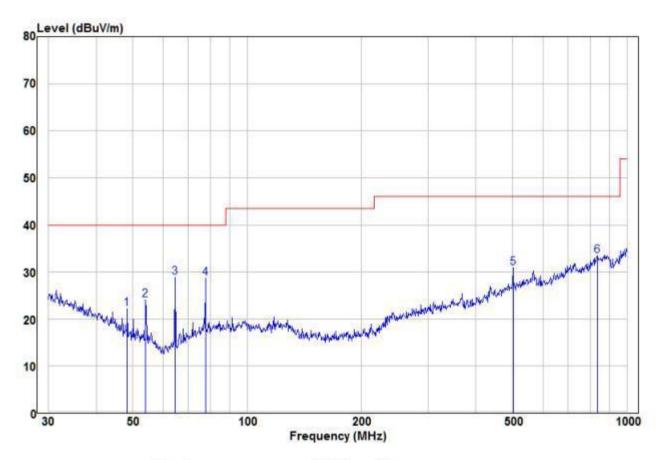
#### Radiated Emission below 1GHz







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



	Freq	Read Level	Factor	Level	Limit Line	0.00	Remark	Pol/Phase
-	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	48.33	13.26	8.87	22.13	40.00	-17.87	Peak	VERTICAL
2	54.07	16.90	7.24	24.14	40.00	-15.86	Peak	VERTICAL
3 рр	64.66	22.42	6.48	28.90	40.00	-11.10	Peak	VERTICAL
4	77.59	19.35	9.39	28.74	40.00	-11.26	Peak	VERTICAL
5	501.18	12.59	18.29	30.88	46.00	-15.12	Peak	VERTICAL
6	836.24	9.33	24.12	33.45	46.00	-12.55	Peak	VERTICAL





#### Transmitter Emission above 1GHz

Worse case mode:		GFSK(1Mbps	s)	Test channel:		Lowest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol. H/V
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		⊓/ V
2390	54.50	-9.2	45.30	74	-28.70	Peak	Н
2400	55.90	-9.39	46.51	74	-27.49	Peak	Н
4812	51.72	-4.33	47.39	74	-26.61	Peak	Н
7218	50.48	1.01	51.49	74	-22.51	Peak	Н
2390	54.88	-9.2	45.68	74	-28.32	Peak	V
2400	54.53	-9.39	45.14	74	-28.86	Peak	V
4812	54.78	-4.33	50.45	74	-23.55	Peak	V
7218	50.37	1.01	51.38	74	-22.62	Peak	V

Worse case m	iode:	GFSK(1Mbps)		Test channel:		Middle	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
4882	51.36	-4.11	47.25	74	-26.75	peak	Н
7323	50.95	1.51	52.46	74	-21.54	peak	Н
4882	52.52	-4.11	48.41	74	-25.59	peak	٧
7323	48.88	1.51	50.39	74	-23.61	peak	V

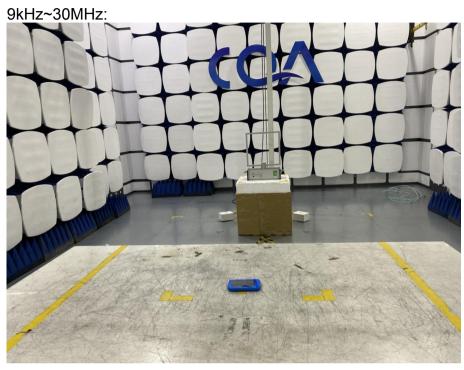
Worse case mode:		GFSK(1Mbps)		Test channel:		Highest	
Frequency	Meter Reading	Factor	Emission Level	Limits	Over	Detector Type	Ant. Pol.
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)		H/V
2483.5	54.96	-9.29	45.67	74	-28.33	Peak	Н
4952	51.05	-4.04	47.01	74	-26.99	Peak	Н
7428	50.06	1.57	51.63	74	-22.37	Peak	Н
2483.5	54.21	-9.29	44.92	74	-29.08	Peak	V
4952	48.91	-4.04	44.87	74	-29.13	Peak	V
7428	48.50	1.57	50.07	74	-23.93	Peak	V

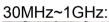
#### Remark:

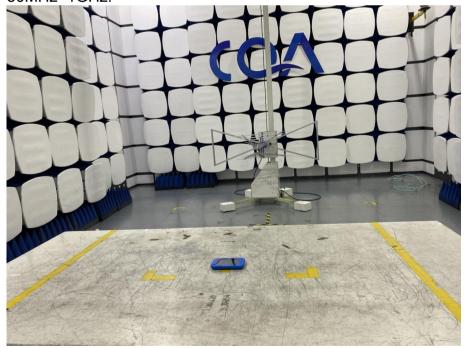
- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
  - Final Test Level =Receiver Reading + Antenna Factor + Cable Factor Preamplifier Factor
- 2) Scan from 9kHz to 25GHz, the disturbance above 10GHz 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







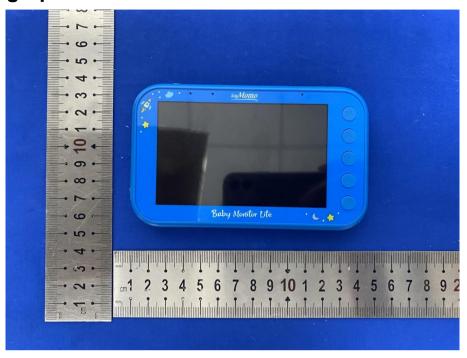


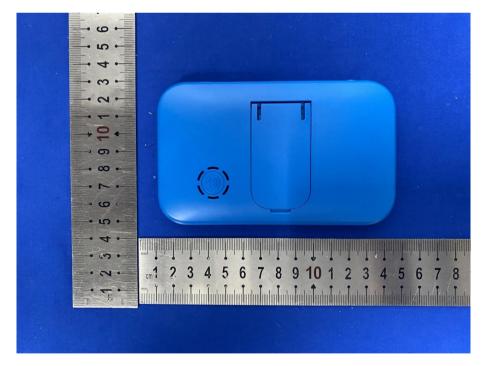
# **6.2 Conducted Emissions Test Setup**





# 7 Photographs - EUT Constructional Details















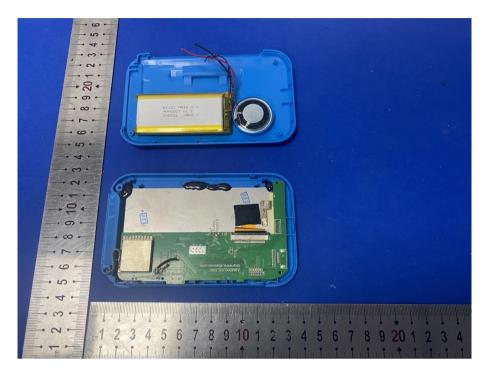


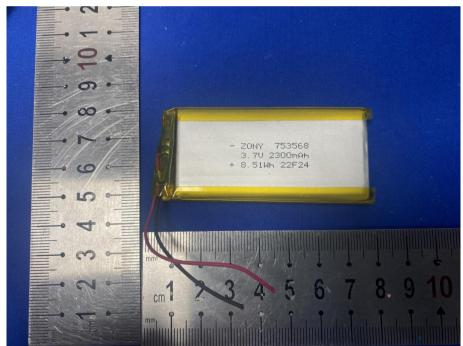






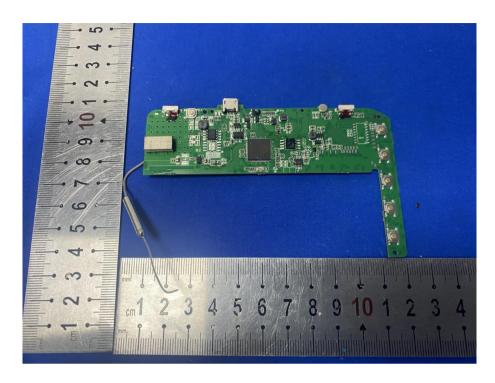


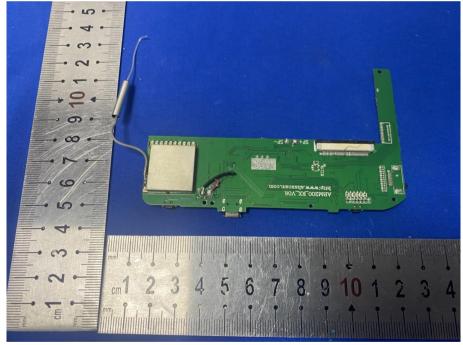


















\*\*\* END OF REPORT \*\*\*