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Test Report

Report No.: CQASZ20240801569E-03
Applicant: SHENZHEN XINWU TECHNOLOGY LIMITED
Address of Applicant: Floor 6, Building 2, Chungu Science park, Meisheng Huigu Science Park, 83 Dabao Road, Baoan District, Shenzhen
Equipment Under Test (EUT):
EUT Name: WIFI Visualizable Smart DoorBell
Model No.: XW160-X8, XW160-X9, XW160-WIFI-X10, XW160-D8, XW160-D9, XW160-D10, XW160-U8, XW160-U9, XW160-U10
Test Model No.: XW160-WIFI-X10
Brand Name: N/A
FCC ID: 2AW97-X10
Standards: 47 CFR Part 15, Subpart C
Date of Receipt: 2024-08-01
Date of Test: 2024-08-01 to 2024-08-08
Date of Issue: 2024-08-27
Test Result : **PASS***

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

Tested By: Lewis Zhou
(Lewis Zhou)

Reviewed By: Timo Lei
(Timo Lei)

Approved By: Alex
(Alex Wang)



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
CQASZ20240801569E-03	Rev.01	Initial report	2024-08-27

2 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15, Subpart C Section 15.203	ANSI C63.10 (2013)	PASS
Conducted Emission (150KHz to 30MHz)	47 CFR Part 15, Subpart C Section 15.207	ANSI C63.10 2013	PASS
Field Strength of the Fundamental Signal	47 CFR Part 15, Subpart C Section 15.231 (b)	ANSI C63.10 (2013)	N/A
Spurious Emissions	47 CFR Part 15, Subpart C Section 15.231 (b)/15.209	ANSI C63.10 (2013)	PASS
20dB Bandwidth	47 CFR Part 15, Subpart C Section 15.231 (c)	ANSI C63.10 (2013)	N/A
Dwell Time	47 CFR Part 15, Subpart C Section 15.231 (a)	ANSI C63.10 (2013)	N/A

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4 General Information

4.1 Client Information

Applicant:	SHENZHEN XINWU TECHNOLOGY LIMITED
Address of Applicant:	Floor 6, Building 2, Chungu Science park, Meisheng Huigu Science Park, 83 Dabao Road, Baoan District, Shenzhen
Manufacturer:	SHENZHEN XINWU TECHNOLOGY LIMITED
Address of Manufacturer:	Floor 6, Building 2, Chungu Science park, Meisheng Huigu Science Park, 83 Dabao Road, Baoan District, Shenzhen
Factory:	SHENZHEN XINWU TECHNOLOGY LIMITED
Address of Factory:	Floor 6, Building 2, Chungu Science park, Meisheng Huigu Science Park, 83 Dabao Road, Baoan District, Shenzhen

4.2 General Description of EUT

Product Name:	WIFI Visualizable Smart DoorBell
Model No.:	XW160-X8, XW160-X9, XW160-WIFI-X10, XW160-D8, XW160-D9, XW160-D10, XW160-U8, XW160-U9, XW160-U10
Test Model No.:	XW160-WIFI-X10
Trade Mark:	N/A
Software Version:	XW160-WIFI-X10-P0_X1.1
Hardware Version:	XW160-WIFI-X10-P0_V1.1
Test sample No:	CQASZ20201001281E#1
Sample Type:	☒ Mobile ☐ Portable ☐ Fix Location
Operation Frequency:	433.92MHz
Channel Numbers:	1
Modulation Type:	FSK
Antenna Type:	Internal antenna
Antenna Gain:	3dBi
Power Supply:	Li-ion battery: DC 3.7V 4000mAh(2*2000mAh Li-ion battery), Charge by DC 5V for adapter Li-ion battery: DC 3.7V 3600mAh(2*1800mAh Li-ion battery), Charge by DC 5V for adapter

4.3 Test Environment and Mode

Operating Environment:	
Radiated Emissions:	
Temperature:	25.4 °C
Humidity:	54 % RH
Atmospheric Pressure:	1009 mbar
Radio conducted item test (RF Conducted test room):	
Temperature:	25.5 °C
Humidity:	55 % RH
Atmospheric Pressure:	1009 mbar
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with modulation.

4.4 Description of Support Units

The EUT has been tested independently.

1) Support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
/	/	/	/	/

2) Cable

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

4.5 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 New District,
Shenzhen, Guangdong, China

4.6 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

4.7 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.

Hereafter the best measurement capability for CQA laboratory is reported:

Test	Range	Uncertainty	Notes
Radiated Emission	Below 1GHz	5.12dB	(1)
Radiated Emission	Above 1GHz	4.60dB	(1)
Conducted Disturbance	0.15~30MHz	3.34dB	(1)

(1)This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.8 Deviation from Standards

None.

4.9 Abnormalities from Standard Conditions

None.

4.10 Other Information Requested by the Customer

None.

4.11 Equipment List

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

Test software:

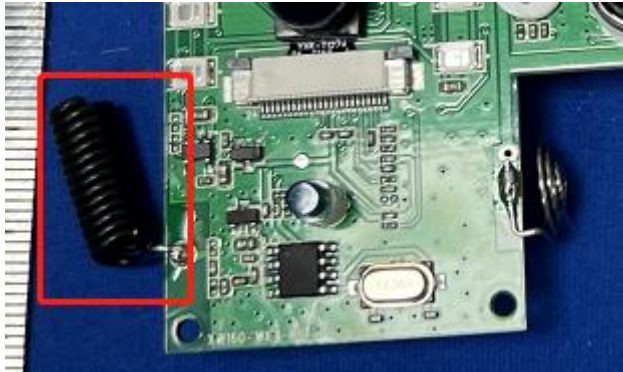
	Manufacturer	Software brand
Radiated Emissions test software	Tonscend	JS1120-3
Conducted Emissions test software	Audix	e3
RF Conducted test software	Audix	e3

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.

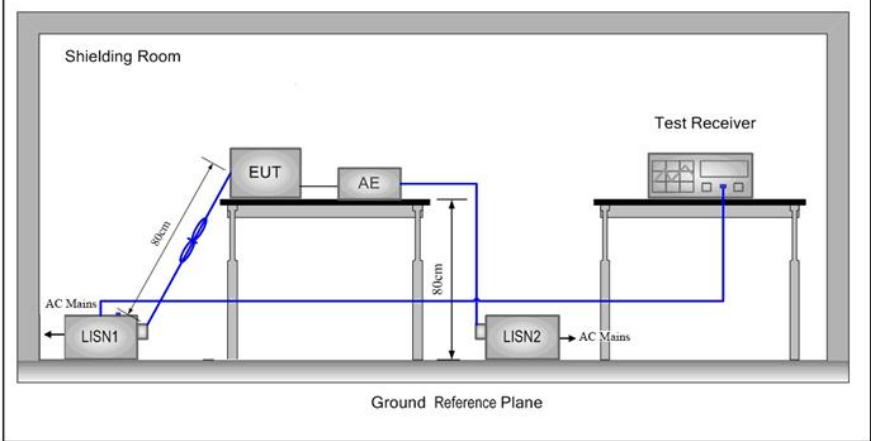
5 Test results and Measurement Data

5.1 Antenna Requirement

Standard requirement:	47 CFR Part 15C Section 15.203
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.	
EUT Antenna:	
The antenna is internal antenna. The best case gain of the antenna is 3dBi.	

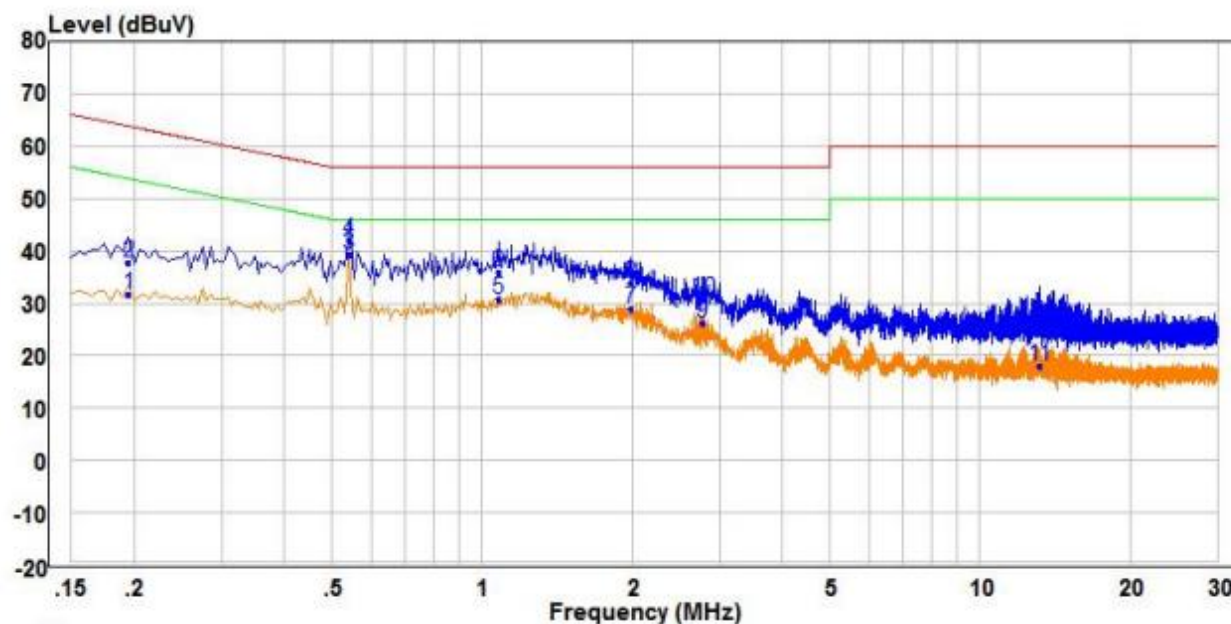
5.2 Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207		
Test Method:	ANSI C63.10: 2013		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		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 of the frequency.			
Test Procedure:	1) The mains terminal disturbance voltage test was conducted in a shielded room. 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 exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.		

Test Setup:	
Test Mode:	Charging mode
Test Voltage:	AC 120V/60Hz
Test Results:	Pass

Measurement Data

Live line:

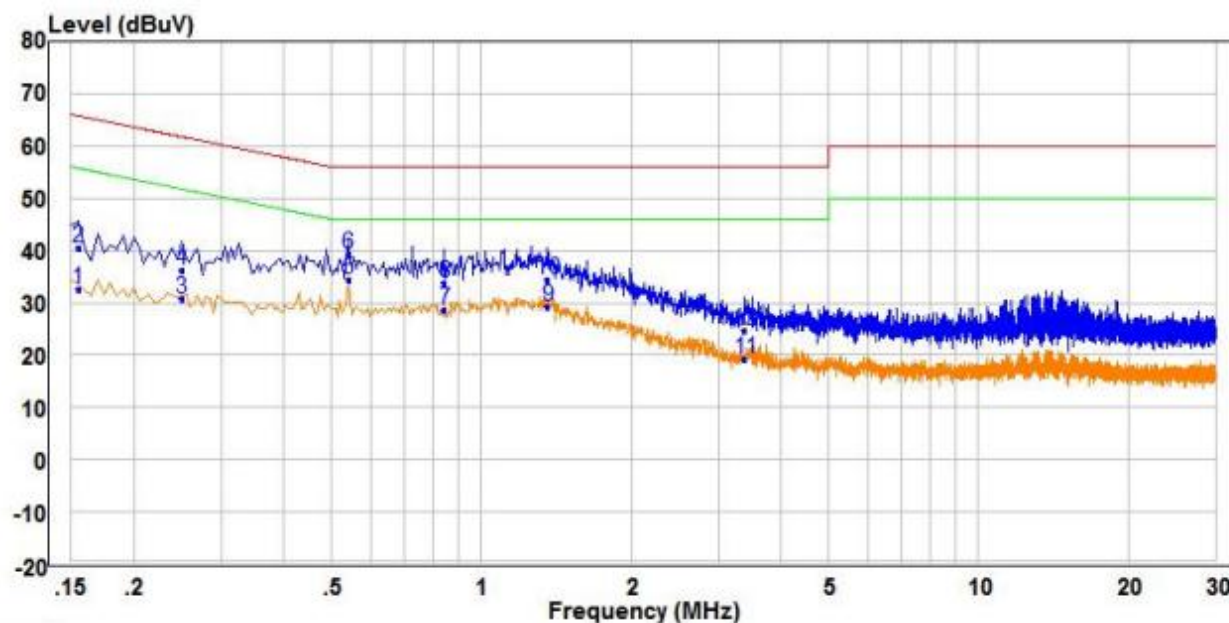


	Freq	Read	Factor	Level	Limit	Over	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.195	22.13	9.62	31.75	53.82	-22.07	Average	Line
2	0.195	28.03	9.62	37.65	63.82	-26.17	QP	Line
3 PP	0.540	29.69	9.74	39.43	46.00	-6.57	Average	Line
4 QP	0.540	32.26	9.74	42.00	56.00	-14.00	QP	Line
5	1.080	20.99	9.91	30.90	46.00	-15.10	Average	Line
6	1.080	26.06	9.91	35.97	56.00	-20.03	QP	Line
7	1.985	17.36	11.63	28.99	46.00	-17.01	Average	Line
8	1.985	22.10	11.63	33.73	56.00	-22.27	QP	Line
9	2.765	15.16	10.96	26.12	46.00	-19.88	Average	Line
10	2.765	19.96	10.96	30.92	56.00	-25.08	QP	Line
11	13.175	8.20	9.79	17.99	50.00	-32.01	Average	Line
12	13.175	15.89	9.79	25.68	60.00	-34.32	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:



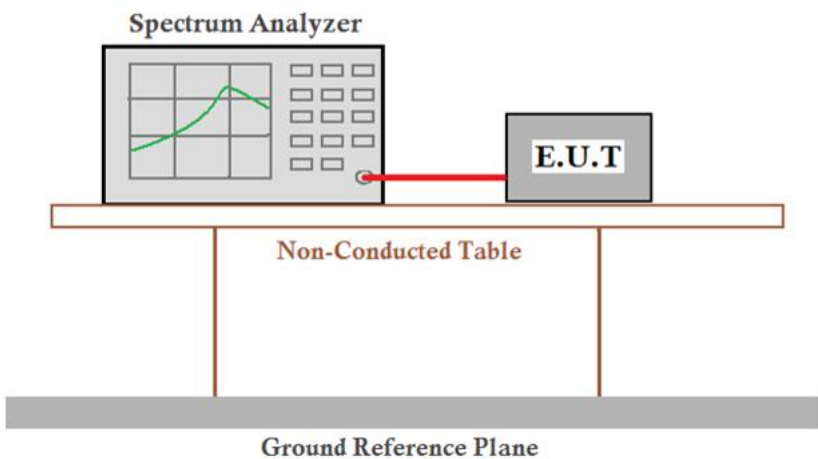
	Freq	Read		Limit	Over		
	MHz	Level	Factor	Level	Line	Limit	Remark
		dBuV	dB	dBuV	dBuV	dB	Pol/Phase
1	0.155	22.97	9.69	32.66	55.73	-23.07	Average
2	0.155	30.90	9.69	40.59	65.73	-25.14	QP
3	0.250	21.30	9.54	30.84	51.76	-20.92	Average
4	0.250	26.78	9.54	36.32	61.76	-25.44	QP
5 PP	0.540	24.78	9.74	34.52	46.00	-11.48	Average
6 QP	0.540	29.67	9.74	39.41	56.00	-16.59	QP
7	0.845	18.88	9.80	28.68	46.00	-17.32	Average
8	0.845	23.91	9.80	33.71	56.00	-22.29	QP
9	1.360	19.62	9.72	29.34	46.00	-16.66	Average
10	1.360	24.63	9.72	34.35	56.00	-21.65	QP
11	3.385	9.59	9.77	19.36	46.00	-26.64	Average
12	3.385	14.85	9.77	24.62	56.00	-31.38	QP

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 Spurious Emissions

5.3.1 Duty Cycle

Test Requirement:	47 CFR Part 15C Section 15.35 (c)
Test Method:	ANSI C63.10:2013
Test Setup:	
Limit:	N/A
Test Mode:	Transmitting mode
Test Results:	Pass

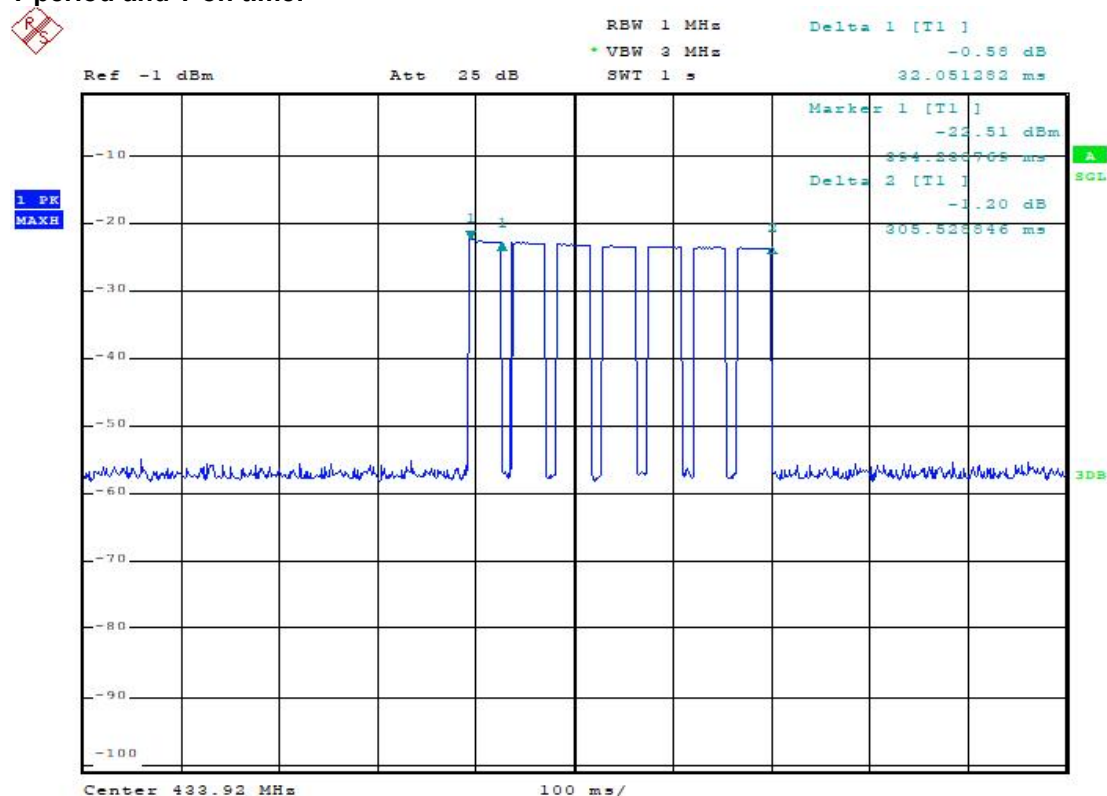
T period (ms)	T on time (ms)	Duty cycle
305.53	224.35	73.43%

Note: $T \text{ on time} = 32.05 \times 7 = 224.35$

Duty cycle = $T \text{ on time} / T \text{ period} = 0.7343$

Test plot as follows:

T period and T on time:



5.3.2 Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.231(b) and 15.209				
Test Method:	ANSI C63.10: 2013				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	100 kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
Peak		1MHz	10Hz	Average	
Limit: (Spurious Emissions)	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/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	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.					
Limit: (Field strength of the fundamental signal)	Frequency	Limit (dBuV/m @3m)		Remark	
	433.92MHz	80.8		Average Value	
		100.8		Peak Value	
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 chamber. 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.
- 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.
- g. The radiation measurements are performed in X, Y, Z axis positioning. And found the Z axis positioning which it is worse case, Only the test worst case mode is recorded in the report.

Test Setup:

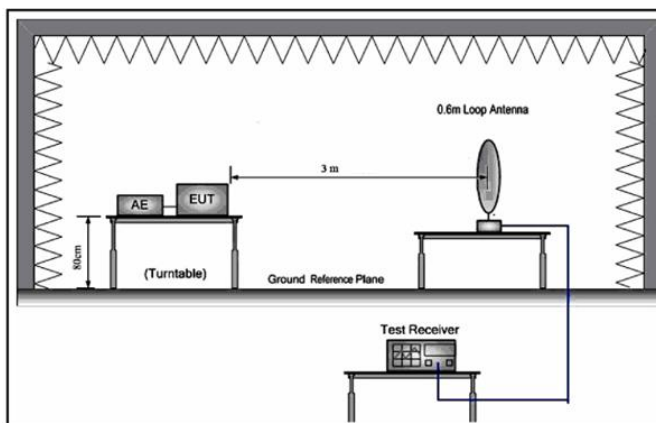


Figure 1. Below 30MHz

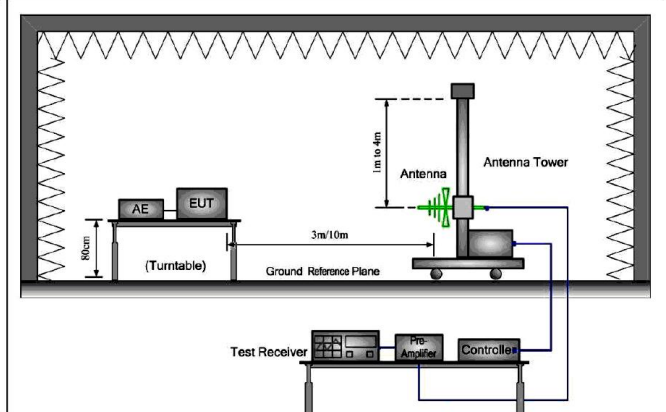


Figure 2. 30MHz to 1GHz

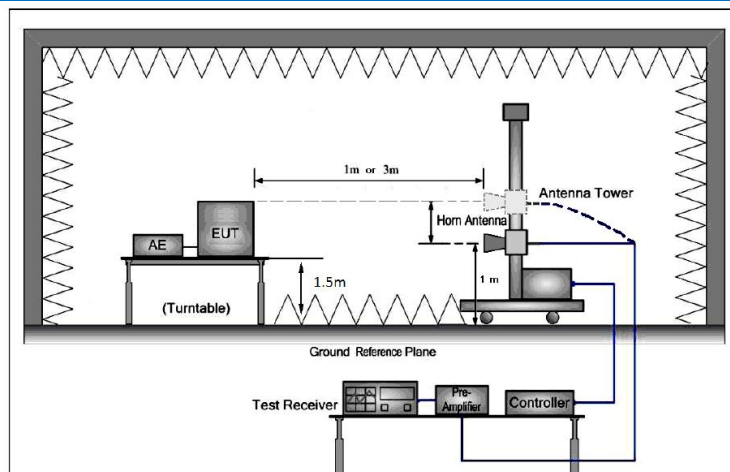


Figure 3. Above 1 GHz

Test Mode:	Transmitting mode
Test Results:	Pass

Measurement Data

5.3.2.1 Field Strength Of The Fundamental Signal

Average value:	
Calculate Formula:	Average value=Peak value + PDCF
	PDCF=20 log(Duty cycle)
	Duty cycle= T on time / T period
Test data:	T on time =224.35ms
	T period =305.53ms
	PDCF=-2.68

Antenna polarization: Horizontal						
Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
433.92	53.3	16.23	69.53	100.8	-31.27	Peak
433.92	-	-	66.85	80.8	-13.95	Average

Antenna polarization: Vertical						
Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
433.92	52.42	16.23	68.65	100.8	-32.15	Peak
433.92	-	-	65.97	80.8	-14.83	Average

Remark:

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

5.3.2.2 Spurious Emissions

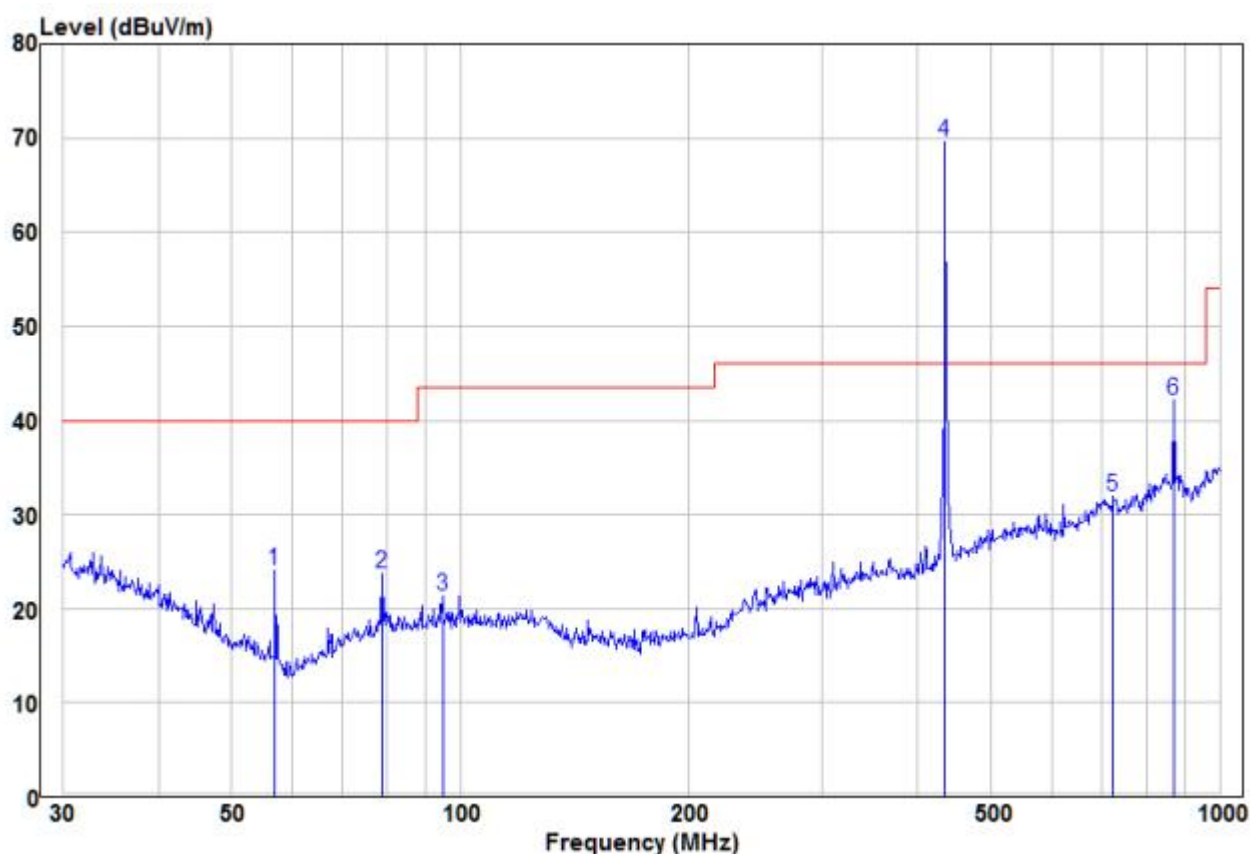
9KHz-30MHz

9 kHz~30 MHz Field Strength of Unwanted Emissions. Quasi-Peak Measurement

The measurements with active loop antenna were greater than 20dB below the limit, so the test data were not recorded in the test report.

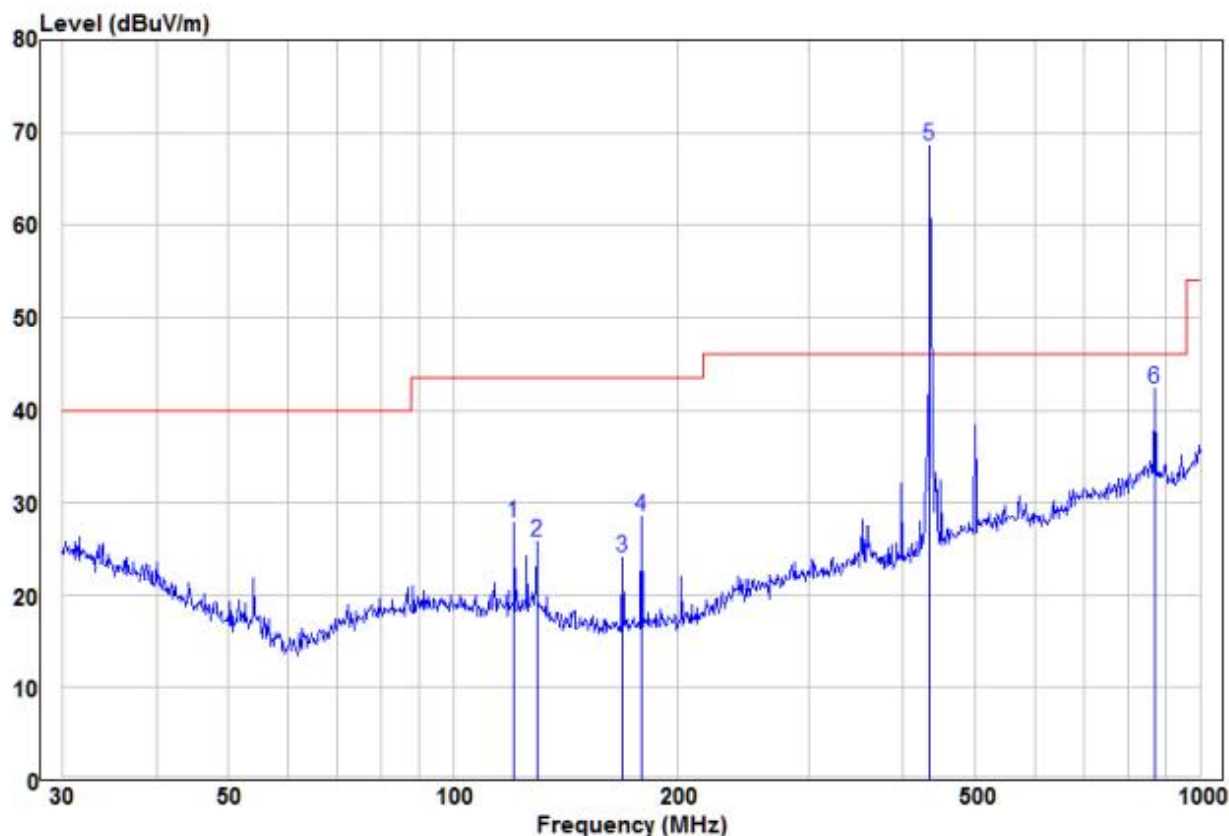
Below 1GHz (30MHz-1GHz)

Horizontal



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	56.99	17.77	6.24	24.01	40.00	-15.99	Peak	HORIZONTAL
2	78.97	14.12	9.61	23.73	40.00	-16.27	Peak	HORIZONTAL
3	94.76	11.07	10.32	21.39	43.50	-22.11	Peak	HORIZONTAL
4 pp	434.07	53.30	16.23	69.53	46.00	23.53	Peak	HORIZONTAL
5	724.26	10.61	21.25	31.86	46.00	-14.14	Peak	HORIZONTAL
6	869.13	18.21	23.97	42.18	46.00	-3.82	Peak	HORIZONTAL

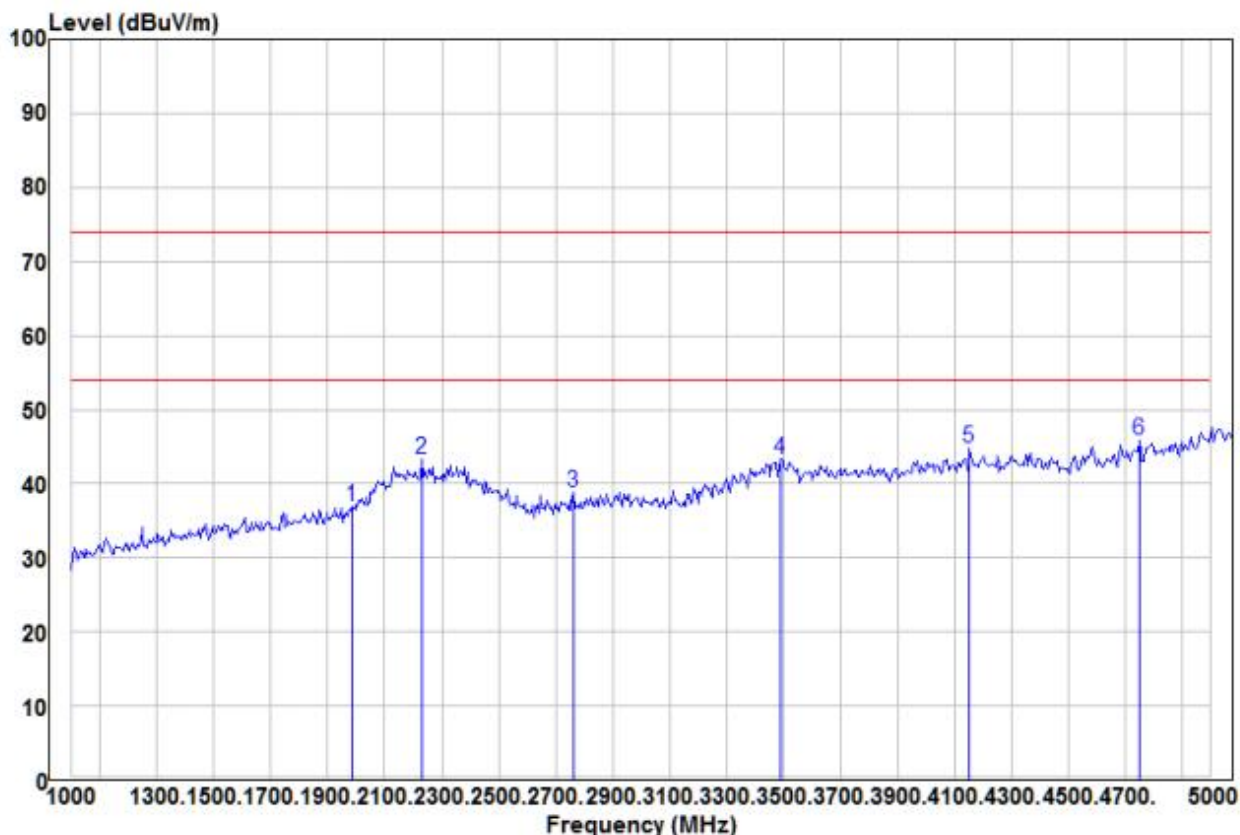
Vertical



	Freq	Read		Limit	Over		
	MHz	Level	Factor	Level	Line	Limit	Remark
		dBuV	dB/m	dBuV/m	dBuV/m	dB	Pol/Phase
1	120.70	17.22	10.67	27.89	43.50	-15.61	Peak
2	129.47	15.48	10.34	25.82	43.50	-17.68	Peak
3	168.41	16.45	7.64	24.09	43.50	-19.41	Peak
4	178.76	20.19	8.25	28.44	43.50	-15.06	Peak
5 pp	434.07	52.42	16.23	68.65	46.00	22.65	Peak
6	869.13	18.31	23.97	42.28	46.00	-3.72	Peak

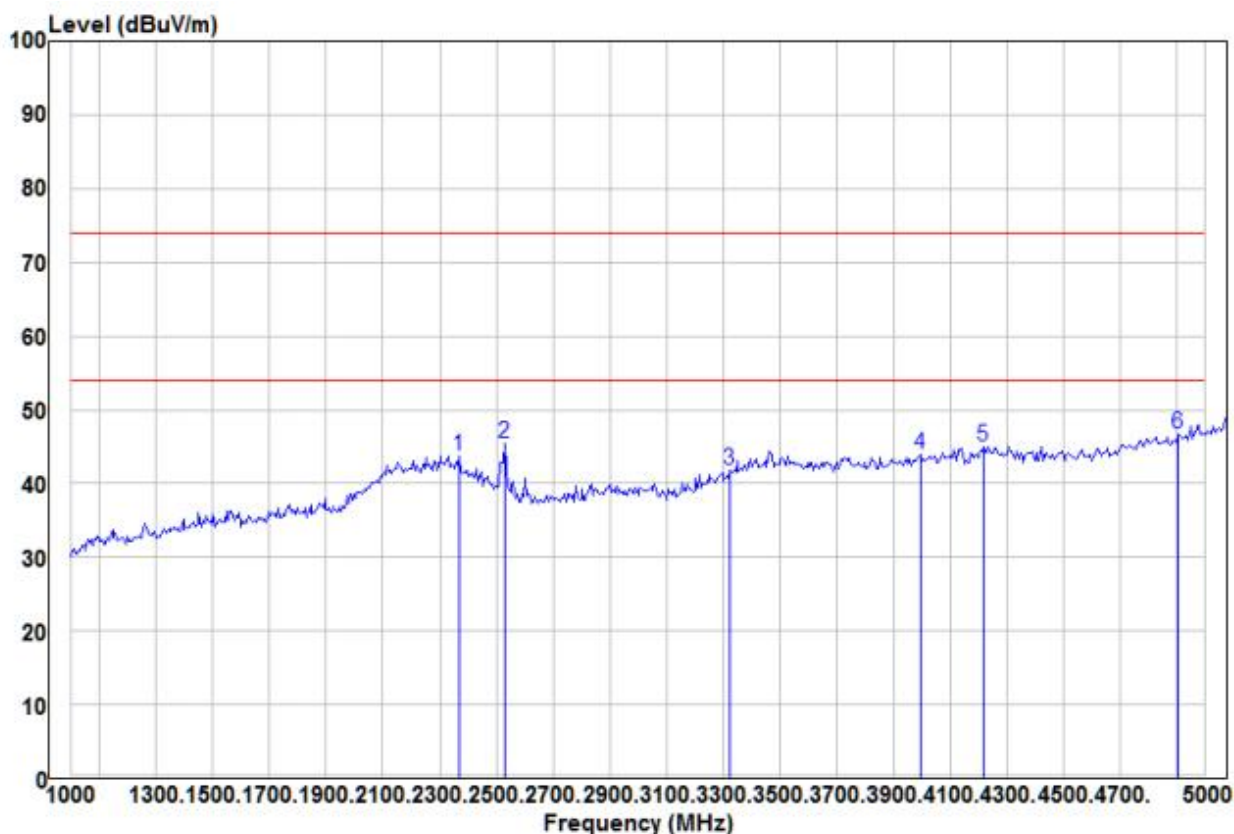
Above 1GHz(1GHz-5GHz)

Horizontal



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	1985.00	33.12	3.73	36.85	74.00	-37.15	Peak	HORIZONTAL
2	2230.00	35.10	8.26	43.36	74.00	-30.64	Peak	HORIZONTAL
3	2765.00	34.98	3.93	38.91	74.00	-35.09	Peak	HORIZONTAL
4	3490.00	36.02	7.34	43.36	74.00	-30.64	Peak	HORIZONTAL
5	4155.00	37.78	6.99	44.77	74.00	-29.23	Peak	HORIZONTAL
6 pp	4750.00	36.92	8.84	45.76	74.00	-28.24	Peak	HORIZONTAL

Vertical:



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		
1	2370.00	35.37	8.44	43.81	74.00	-30.19	Peak	VERTICAL
2	2530.00	40.60	4.80	45.40	74.00	-28.60	Peak	VERTICAL
3	3325.00	36.05	5.77	41.82	74.00	-32.18	Peak	VERTICAL
4	3995.00	37.01	6.84	43.85	74.00	-30.15	Peak	VERTICAL
5	4220.00	37.99	7.09	45.08	74.00	-28.92	Peak	VERTICAL
6 pp	4905.00	36.77	9.93	46.70	74.00	-27.30	Peak	VERTICAL

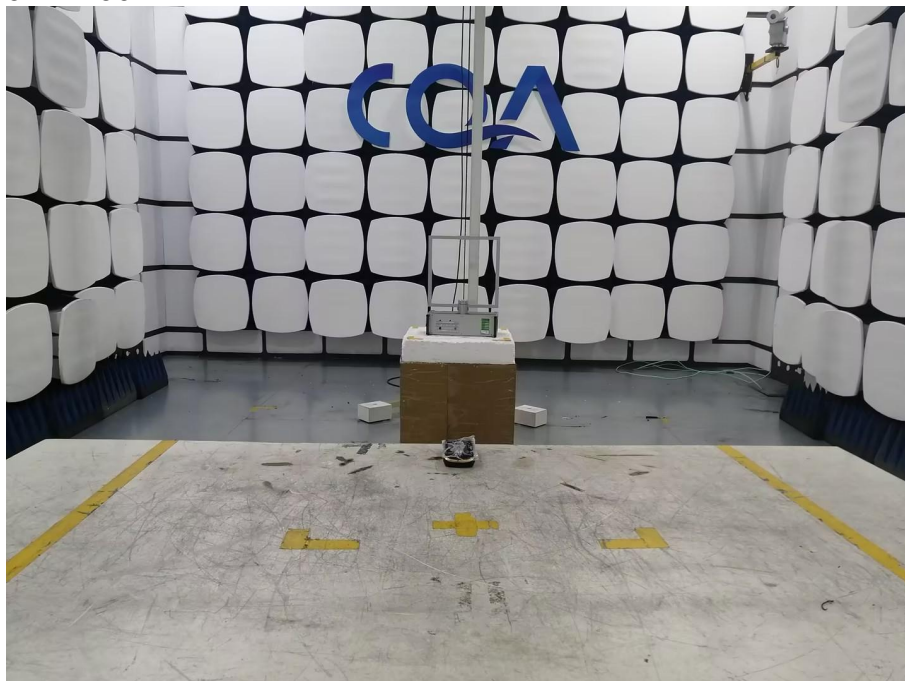
Remark:

- 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) The disturbance above 5GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 3) As shown in this section, for frequencies above 1GHz, the field the strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted aver average limits. Specified above by more than 20dB under any condition of modulation. So, only the peak measurements were show in the report.

6 Photographs - EUT Test Setup

6.1 Radiated Spurious Emission

9kHz~30MHz:



30MHz~1GHz:



Above 1GHz:



6.2 Conducted Emission



7 Photographs - EUT Constructional Details

Refer to Photographs - EUT Constructional Details OF EUT for CQASZ20240801569E-01.

*** END OF REPORT ***