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Report Template Version: V06
Report Template Revision Date: 2026-01-30

Test Report

Report No.:	CQASZ20260100241E-02
Applicant:	Shen Zhen Shi Qing Chun Wu Xian Dian Zi You Xian Gong Si
Address of Applicant:	Building 1, 8J, No. 9 Zhongxin Road, Queshan, Taoyuan Community, Dalang Street, Longhua District, Shenzhen

Equipment Under Test (EUT):

EUT Name:	Wireless Mouse
Model No.:	A9
Test Model No.:	A9
Brand Name:	UINEER
FCC ID:	2BNZG-A9
Standards:	47 CFR Part 15, Subpart C
	KDB558074 D01 15.247 Meas Guidance v05r02
Date of Receipt:	2026-01-27
Date of Test:	2026-01-27 to 2026-02-09
Date of Issue:	2026-03-13
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:

(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
CQASZ20260100241E-02	Rev.01	Initial report	2026-03-13

2 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15, Subpart C Section 15.203	ANSI C63.10 (2020)	PASS
AC Power Line Conducted Emission	47 CFR Part 15, Subpart C Section 15.207	ANSI C63.10 (2020)	PASS
Field Strength of the Fundamental Signal	47 CFR Part 15, Subpart C Section 15.249 (a)	ANSI C63.10 (2020)	PASS
Spurious Emissions	47 CFR Part 15, Subpart C Section 15.249 (a)/15.209	ANSI C63.10 (2020)	PASS
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15, Subpart C Section 15.249(a)/15.205	ANSI C63.10 (2020)	PASS
20dB Occupied Bandwidth	47 CFR Part 15, Subpart C Section 15.215 (c)	ANSI C63.10 (2020)	PASS

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4 General Information

4.1 Client Information

Applicant:	Shen Zhen Shi Qing Chun Wu Xian Dian Zi You Xian Gong Si
Address of Applicant:	Building 1, 8J, No. 9 Zhongxin Road, Queshan, Taoyuan Community, Dalang Street, Longhua District, Shenzhen
Manufacturer:	Shen Zhen Shi Qing Chun Wu Xian Dian Zi You Xian Gong Si
Address of Manufacturer:	Building 1, 8J, No. 9 Zhongxin Road, Queshan, Taoyuan Community, Dalang Street, Longhua District, Shenzhen
Factory:	Shen Zhen Shi Qing Chun Wu Xian Dian Zi You Xian Gong Si
Address of Factory:	Building 1, 8J, No. 9 Zhongxin Road, Queshan, Taoyuan Community, Dalang Street, Longhua District, Shenzhen

4.2 General Description of EUT

EUT Name:	Wireless Mouse
Model No.:	A9
Test Model No.:	A9
Trade Mark:	UINEER
Software Version:	6621F
Hardware Version:	V4
Frequency Range:	2402MHz~2480MHz
Modulation Type:	GFSK
Number of Channels:	40
Sample Type:	☐ Mobile ☒ Portable ☐ Fix Location
Test Software of EUT:	Rev1.0.2.3-Beta
Antenna Type:	PCB antenna
Antenna Gain:	2.48dBi
Power Supply:	Li-ion battery DC 3.7V 500mAh, Charge by DC 5V for adapter

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 Test Environment and Mode

Operating Environment:	
Radiated Emissions:	
Temperature:	27 °C
Humidity:	59 % RH
Atmospheric Pressure:	1009mbar
Temperature:	26 °C
Humidity:	59 % RH
Atmospheric Pressure:	1009mbar
Radio conducted item test (RF Conducted test room):	
Temperature:	25.3 °C
Humidity:	55 % RH
Atmospheric Pressure:	1009mbar
Test mode:	
Transmitting mode:	Use test software (RF test) to set the lowest frequency, the middle frequency and the highest frequency keep transmitting of the EUT.

4.4 Description of Support Units

The EUT has been tested with associated equipment below.

1）Support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
Adapter	MI	/	/	CQA

2) Cable

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

4.5 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.

4.6 Test Location

All tests were performed at:

SHENZHEN HUAXIA TESTING TECHNOLOGY CO., LTD

102A, 102B, Building 2, Shanghenglang New Industrial Zone, Shanghenglang Community, Dalang Street, Longhua District, Shenzhen, Guangdong, People's Republic of China, 518000

4.7 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

4.8 Deviation from Standards

None.

4.9 Abnormalities from Standard Conditions

None.

4.10 Other Information Requested by the Customer

None.

4.11 Equipment List

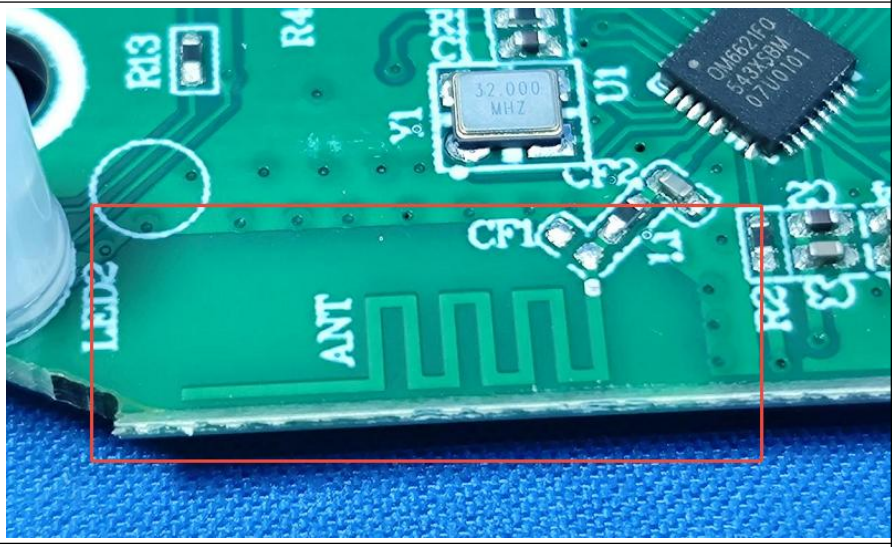
Test Equipment	Manufacturer	Model No.	Instrument No.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR7	CQA-005	2025/9/1	2026/8/31
Spectrum analyzer	R&S	FSU26	CQA-038	2025/9/1	2026/8/31
Preamplifier	MITEQ	AFS4-00010300-18-10P-4	CQA-035	2025/9/1	2026/8/31
Preamplifier	MITEQ	AMF-6D-02001800-29-20P	CQA-036	2025/9/1	2026/8/31
Loop antenna	Schwarzbeck	FMZB1516	CQA-087	2023/9/8	2026/9/7
Bilog Antenna	R&S	HL562	CQA-011	2023/11/01	2026/10/31
Horn Antenna	R&S	HF906	CQA-012	2023/11/01	2026/10/31
Horn Antenna	Schwarzbeck	BBHA 9170	CQA-088	2023/9/7	2026/9/6
Coaxial Cable (Above 1GHz)	CQA	N/A	C019	2025/9/1	2026/8/31
Coaxial Cable (Below 1GHz)	CQA	N/A	C020	2025/9/1	2026/8/31
Antenna Connector	CQA	RFC-01	CQA-080	2025/9/1	2026/8/31
RF cable(9KHz~40GHz)	CQA	RF-01	CQA-079	2025/9/1	2026/8/31
Power divider	MIDWEST	PWD-2533-02-SMA-79	CQA-067	2025/9/1	2026/8/31
EMI Test Receiver	R&S	ESPI3	CQA-013	2025/9/1	2026/8/31
LISN	R&S	ENV216	CQA-003	2025/9/1	2026/8/31
Coaxial cable	CQA	N/A	CQA-C009	2025/9/1	2026/8/31

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 PCB 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.	

5.2 Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207
Test Method:	ANSI C63.10: 2020
Test Frequency Range:	150kHz to 30MHz
Limit:	

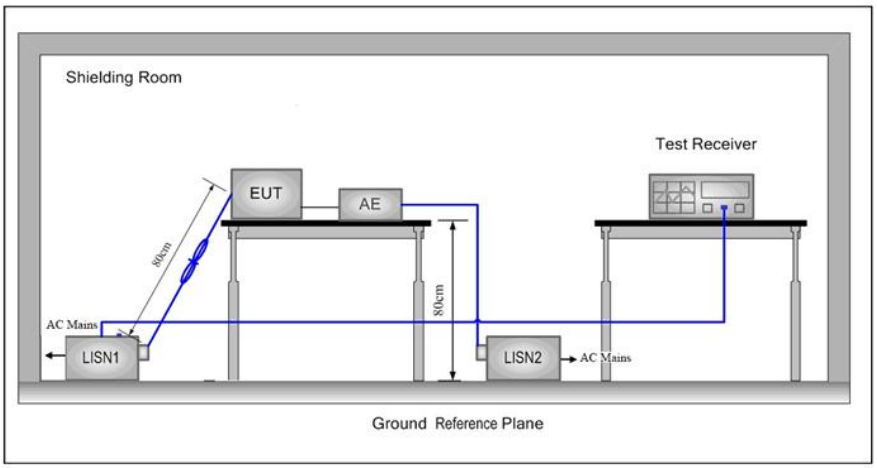
Frequency range (MHz)	Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* 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: 2020 on conducted measurement.

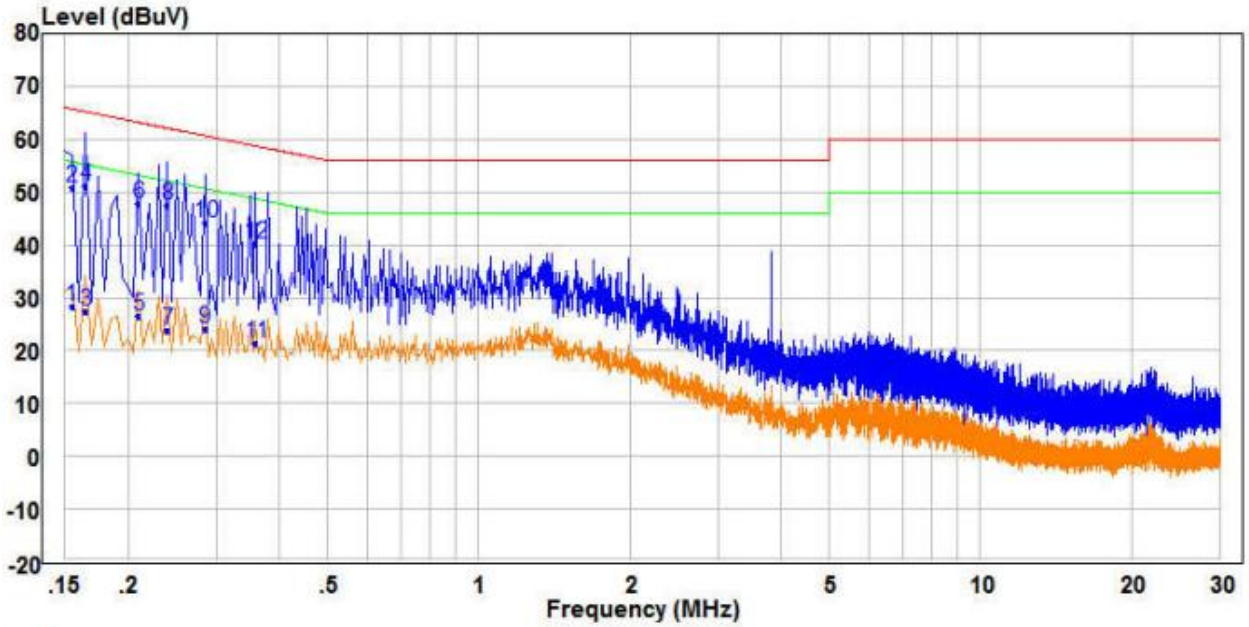
Test Setup:



Test Mode:	Charge mode.
Final Test Mode:	Charge mode
Test Results:	Pass

Measurement Data:

Live line:

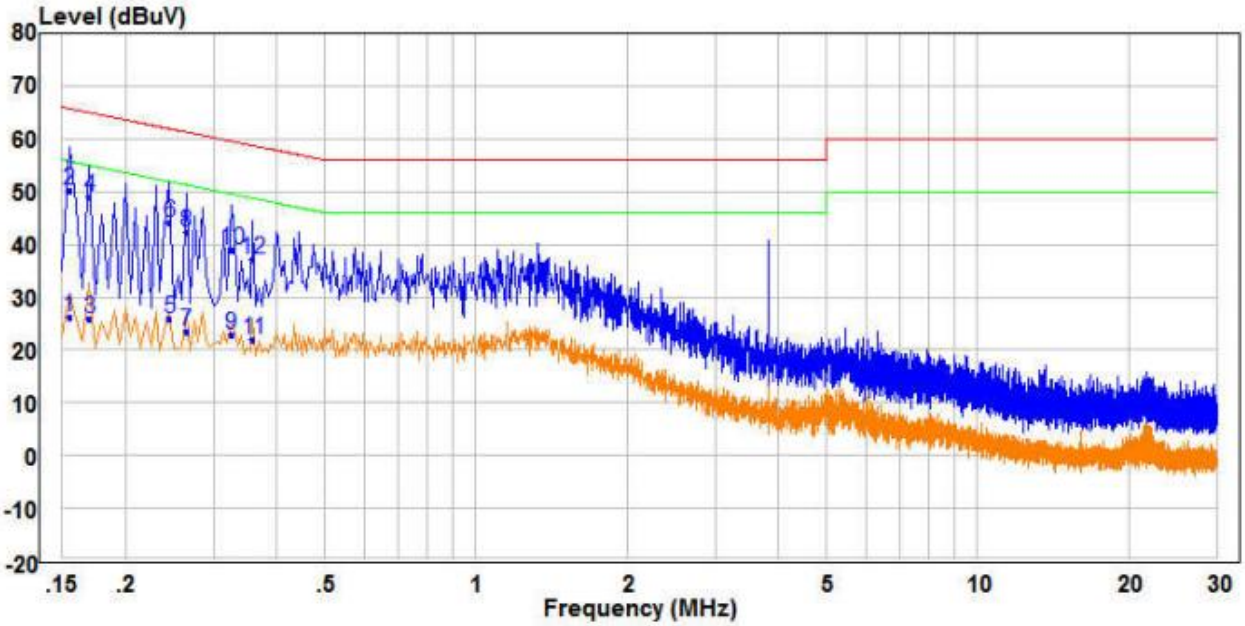


		Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.155	18.51	9.69	28.20	55.73	-27.53	Average	Line
2		0.155	41.18	9.69	50.87	65.73	-14.86	QP	Line
3		0.165	17.74	9.67	27.41	55.21	-27.80	Average	Line
4	PP	0.165	41.40	9.67	51.07	65.21	-14.14	QP	Line
5		0.210	16.89	9.60	26.49	53.21	-26.72	Average	Line
6		0.210	38.34	9.60	47.94	63.21	-15.27	QP	Line
7		0.240	14.37	9.56	23.93	52.10	-28.17	Average	Line
8		0.240	37.91	9.56	47.47	62.10	-14.63	QP	Line
9	AV	0.285	14.50	9.51	24.01	50.67	-26.66	Average	Line
10		0.285	34.60	9.51	44.11	60.67	-16.56	QP	Line
11		0.360	11.92	9.56	21.48	48.73	-27.25	Average	Line
12		0.360	30.77	9.56	40.33	58.73	-18.40	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 Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.155	16.39	9.69	26.08	55.73	-29.65	Average	Neutral
2	PP	0.155	40.48	9.69	50.17	65.73	-15.56	QP	Neutral
3		0.170	16.16	9.66	25.82	54.96	-29.14	Average	Neutral
4		0.170	39.48	9.66	49.14	64.96	-15.82	QP	Neutral
5	AV	0.245	16.47	9.54	26.01	51.92	-25.91	Average	Neutral
6		0.245	34.67	9.54	44.21	61.92	-17.71	QP	Neutral
7		0.265	14.04	9.52	23.56	51.27	-27.71	Average	Neutral
8		0.265	32.69	9.52	42.21	61.27	-19.06	QP	Neutral
9		0.325	13.31	9.51	22.82	49.58	-26.76	Average	Neutral
10		0.325	29.49	9.51	39.00	59.58	-20.58	QP	Neutral
11		0.360	12.34	9.56	21.90	48.73	-26.83	Average	Neutral
12		0.360	27.70	9.56	37.26	58.73	-21.47	QP	Neutral

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 Radiated Emission

Test Requirement:	47 CFR Part 15C Section 15.249 and 15.209 and 15.205
Test Method:	ANSI C63.10: 2020
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

Note: For fundamental frequency, RBW=5MHz, VBW=5MHz, Peak detector is for PK value, RMS detector is for Average value.

Limit:
(Spurious Emissions and band edge)

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: 1) 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.

2) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

Limit:
(Field strength of the fundamental signal)

Frequency	Limit (dBuV/m @3m)	Remark
2400MHz-2483.5MHz	94.0	Average Value
	114.0	Peak Value

Test Setup:	

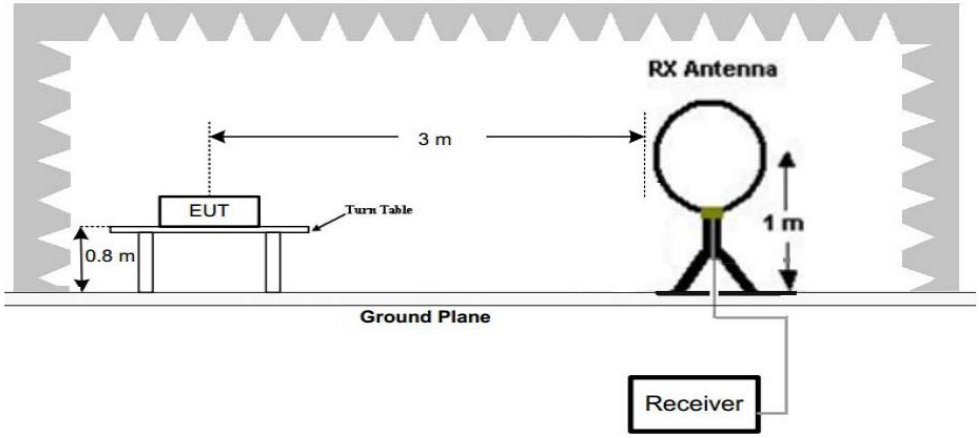


Figure 1. Below 30MHz

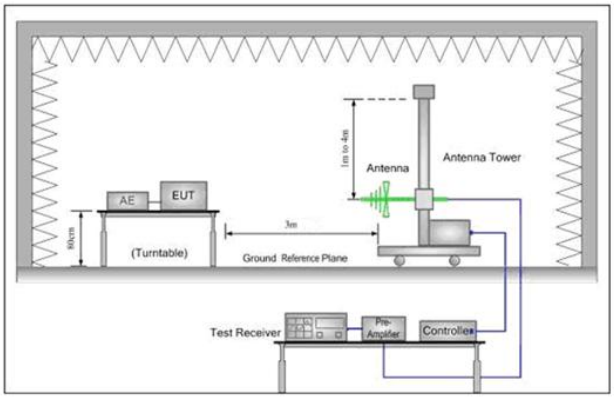


Figure 2. 30MHz to 1GHz

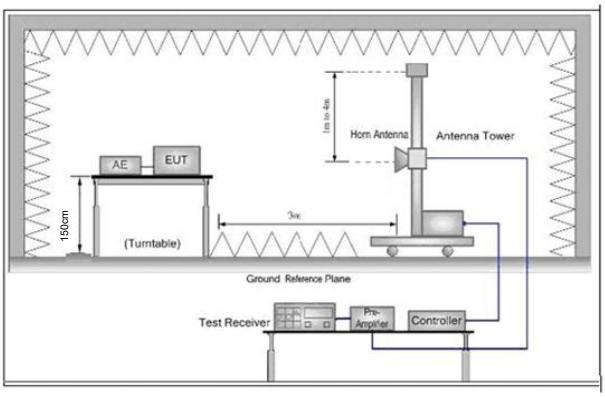


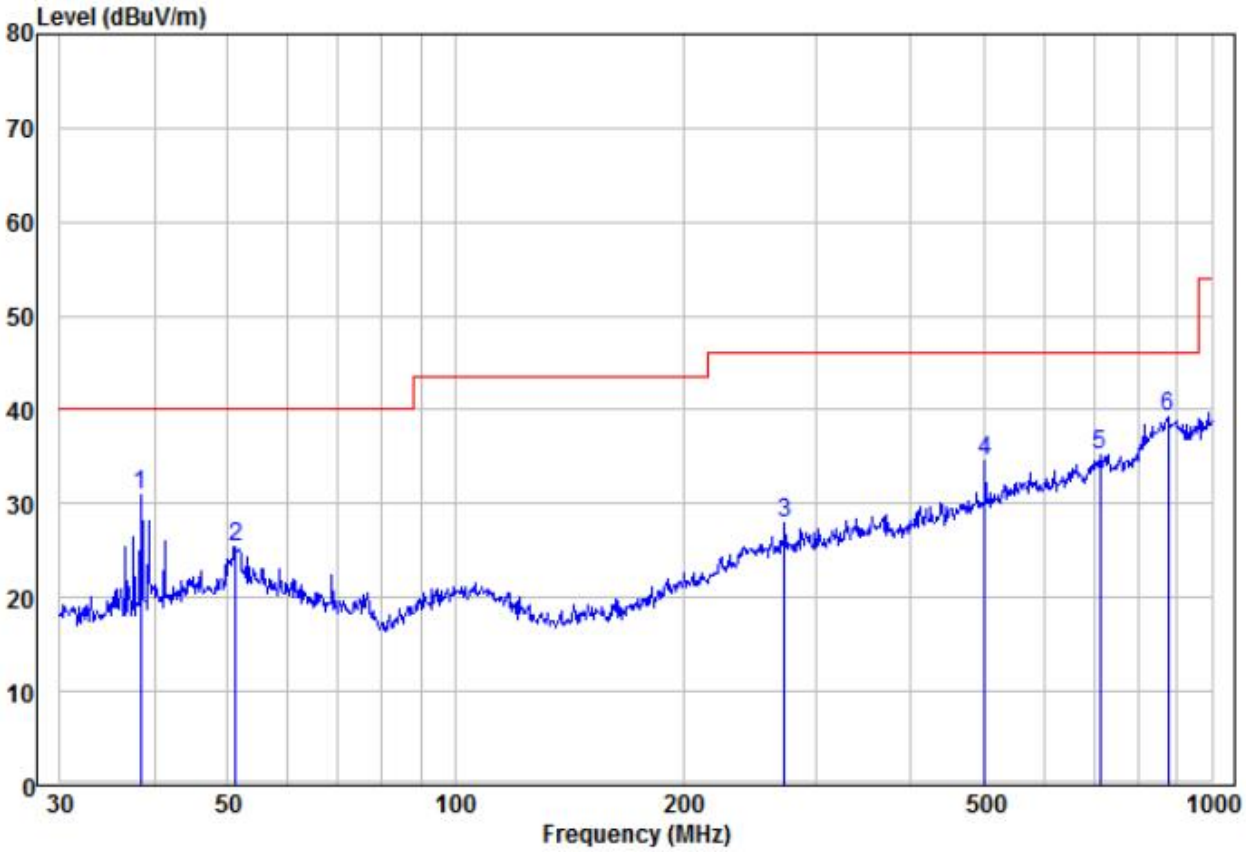
Figure 3. Above 1 GHz

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. 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. Test the EUT in the lowest channel,the middle channel,the Highest channel h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode,And found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting mode
Final Test Mode:	For below 1GHz part, through pre-scan, the worst case is the lowest channel. Only the worst case is recorded in the report.
Test Results:	Pass

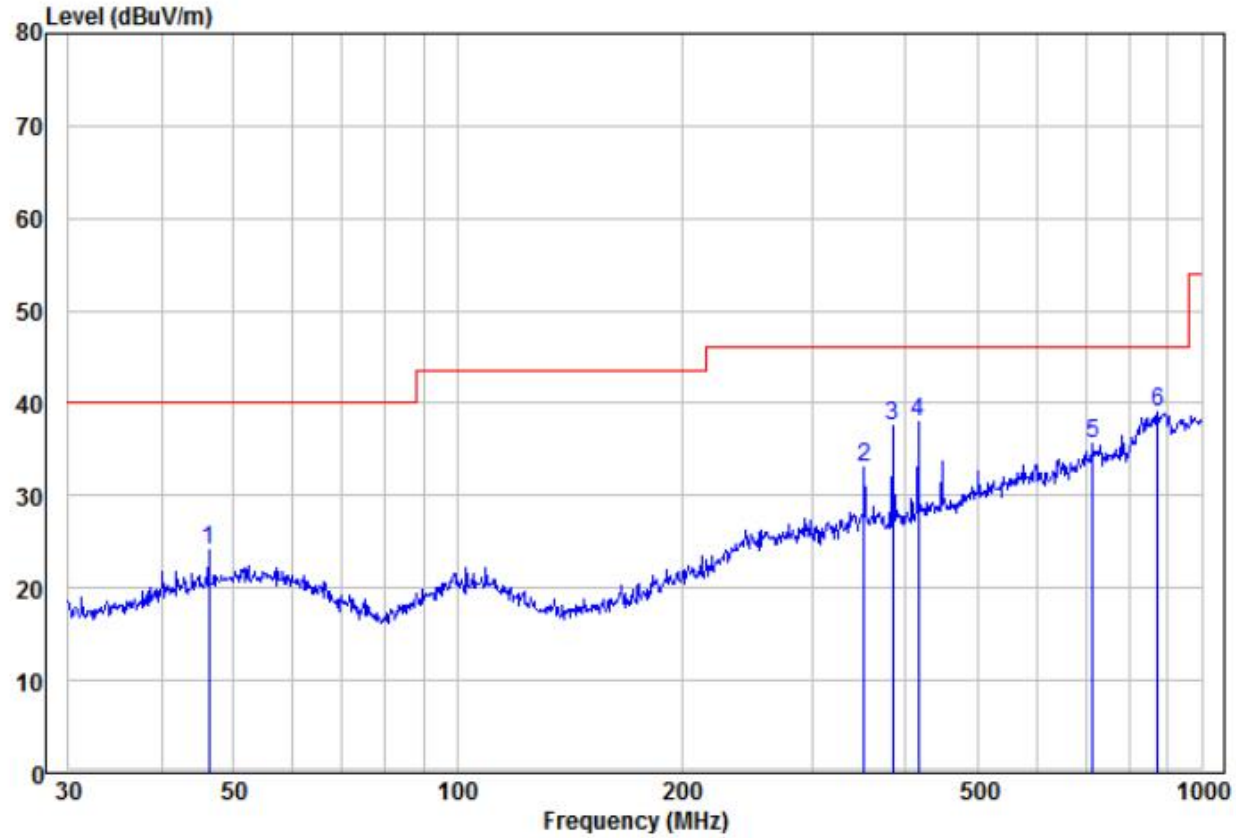
Measurement Data

30MHz~1GHz		
Test mode:	Transmitting	Vertical



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	38.35	20.87	10.08	30.95	40.00	-9.05	Peak	VERTICAL	100	174
2	51.30	12.66	12.63	25.29	40.00	-14.71	Peak	VERTICAL	100	126
3	272.28	11.66	16.24	27.90	46.00	-18.10	Peak	VERTICAL	100	255
4	501.18	13.66	20.94	34.60	46.00	-11.40	Peak	VERTICAL	100	290
5	711.67	11.38	23.88	35.26	46.00	-10.74	Peak	VERTICAL	100	184
6 pp	875.25	10.46	28.88	39.34	46.00	-6.66	Peak	VERTICAL	100	114

Test mode:	Transmitting	Horizontal



	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark	Pol/Phase	APos	TPos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB			cm	deg
1	46.34	11.91	12.19	24.10	40.00	-15.90	Peak	HORIZONTAL	100	265
2	351.71	14.84	18.19	33.03	46.00	-12.97	Peak	HORIZONTAL	100	284
3	383.93	19.57	17.99	37.56	46.00	-8.44	Peak	HORIZONTAL	100	13
4	416.18	19.22	18.72	37.94	46.00	-8.06	Peak	HORIZONTAL	100	106
5	714.17	11.73	23.91	35.64	46.00	-10.36	Peak	HORIZONTAL	100	96
6 pp	872.18	10.12	28.84	38.96	46.00	-7.04	Peak	HORIZONTAL	100	22

Above 1GHz			
Test mode:	Transmitting	Test channel:	Lowest

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Over (dB)	Detector Type	Ant. Pol. H/V	Antenna Height (m)	Table Angle (Degree)
2390	60.81	-9.2	51.61	74	-22.39	Peak	H	1.5	189
2390	43.69	-9.2	34.49	54	-19.51	AVG	H	1.5	230
2400	44.17	-9.39	34.78	74	-39.22	Peak	H	1.5	178
2400	46.09	-9.39	36.70	54	-17.30	AVG	H	1.5	284
2402	100.59	-9.33	91.26	114	-22.74	peak	H	1.5	266
2402	98.33	-9.33	89.00	94	-5.00	AVG	H	1.5	13
4804	56.29	-4.28	52.01	74	-21.99	peak	H	1.5	51
4804	41.81	-4.28	37.53	54	-16.47	AVG	H	1.5	304
7206	52.33	1.13	53.46	74	-20.54	peak	H	1.5	310
7206	38.42	1.13	39.55	54	-14.45	AVG	H	1.5	196
2390	62.30	-9.2	53.10	74	-20.90	peak	V	1.5	208
2390	46.63	-9.2	37.43	54	-16.57	AVG	V	1.5	179
2400	61.00	-9.39	51.61	74	-22.39	peak	V	1.5	335
2400	45.52	-9.39	36.13	54	-17.87	AVG	V	1.5	38
2402	94.74	-9.33	85.41	114	-28.59	peak	V	1.5	46
2402	90.95	-9.33	81.62	94	-12.38	AVG	V	1.5	242
4804	54.87	-4.28	50.59	74	-23.41	peak	V	1.5	4
4804	43.58	-4.28	39.30	54	-14.70	AVG	V	1.5	303
7206	53.53	1.13	54.66	74	-19.34	peak	V	1.5	14
7206	36.94	1.13	38.07	54	-15.93	AVG	V	1.5	61

Test mode:	Transmitting	Test channel:	Middle

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Over (dB)	Detector Type	Ant. Pol. H/V	Antenna Height (m)	Table Angle (Degree)
2440	99.70	-9.37	90.33	114	-23.67	peak	H	1.5	101
2440	96.61	-9.37	87.24	94	-6.76	AVG	H	1.5	329
4880	55.62	-4.14	51.48	74	-22.52	peak	H	1.5	47
4880	42.47	-4.14	38.33	54	-15.67	AVG	H	1.5	66
7320	51.72	0.56	52.28	74	-21.72	peak	H	1.5	5
7320	35.83	0.56	36.39	54	-17.61	AVG	H	1.5	74
2440	96.26	-9.36	86.90	114	-27.10	peak	V	1.5	226
2440	94.91	-9.36	85.55	94	-8.45	AVG	V	1.5	47
4880	56.96	-4.14	52.82	74	-21.18	peak	V	1.5	250
4880	41.10	-4.14	36.96	54	-17.04	AVG	V	1.5	152
7320	52.67	0.56	53.23	74	-20.77	peak	V	1.5	189
7320	36.96	0.56	37.52	54	-16.48	AVG	V	1.5	259

Test mode:	Transmitting	Test channel:	Highest

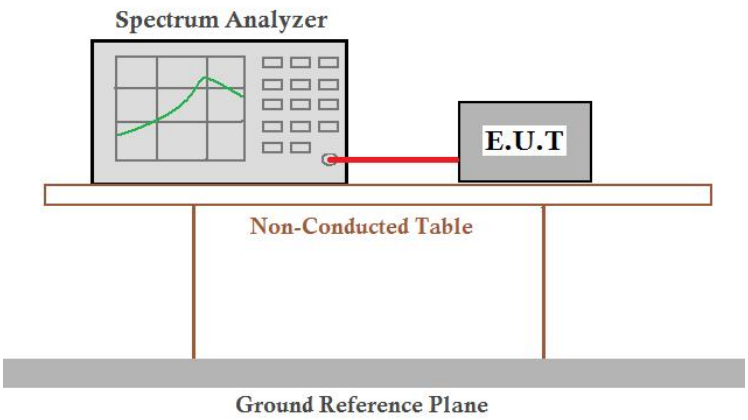
Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Over (dB)	Detector Type	Ant. Pol. H/V	Antenna Height (m)	Table Angle (Degree)
2480	99.60	-9.23	90.37	114	-23.63	peak	H	1.5	224
2480	98.29	-9.23	89.06	94	-4.94	AVG	H	1.5	116
2483.5	60.06	-9.29	50.77	74	-23.23	Peak	H	1.5	4
2483.5	45.15	-9.29	35.86	54	-18.14	AVG	H	1.5	192
4960	55.34	-4.03	51.31	74	-22.69	peak	H	1.5	206
4960	41.20	-4.03	37.17	54	-16.83	AVG	H	1.5	23
7440	50.94	1.68	52.62	74	-21.38	peak	H	1.5	325
7440	37.52	1.68	39.20	54	-14.80	AVG	H	1.5	23
2480	97.40	-9.23	88.17	114	-25.83	peak	V	1.5	57
2480	93.58	-9.23	84.35	94	-9.65	AVG	V	1.5	282
2483.5	61.36	-9.29	52.07	74	-21.93	peak	V	1.5	273
2483.5	44.24	-9.29	34.95	54	-19.05	AVG	V	1.5	135
4960	56.13	-4.03	52.10	74	-21.90	peak	V	1.5	308
4960	42.52	-4.03	38.49	54	-15.51	AVG	V	1.5	270
7440	52.66	1.68	54.34	74	-19.66	peak	V	1.5	166
7440	38.47	1.68	40.15	54	-13.85	AVG	V	1.5	37

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, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported .

5.4 20dB Bandwidth

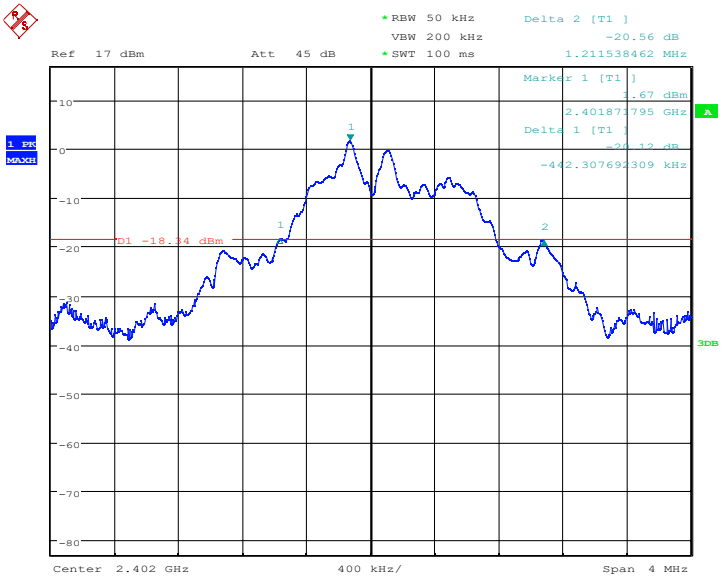
Test Requirement:	47 CFR Part 15C Section 15.215
Test Method:	ANSI C63.10:2020
Test Setup:	
Test Mode:	Transmitting with GFSK modulation.
Limit:	N/A
Test Results:	Pass

Measurement Data

Test channel	20dB bandwidth (MHz)	Results
Lowest	2.65	Pass
Middle	1.66	Pass
Highest	1.76	Pass

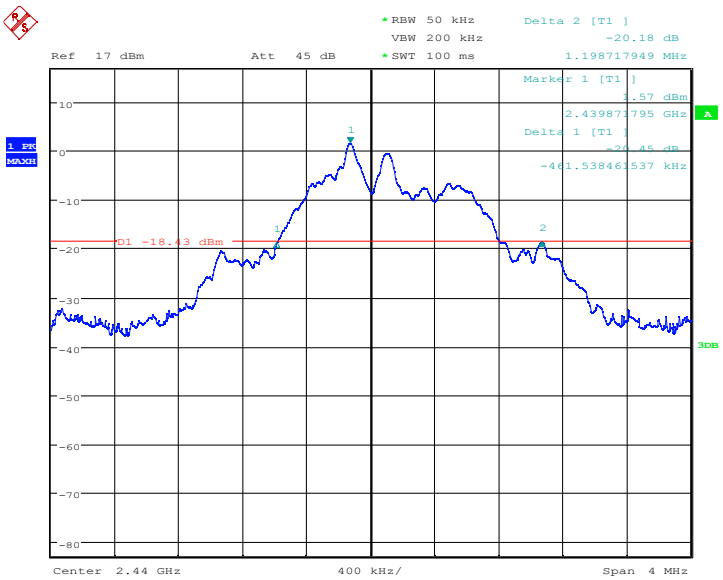
Test plot as follows:

Test channel:	Lowest



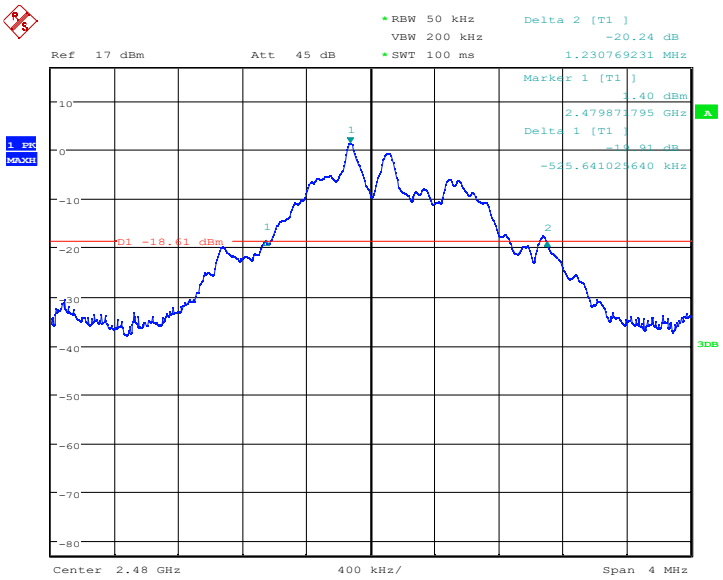
Date: 3.FEB.2026 17:54:01

Test channel:	Middle



Date: 3.FEB.2026 17:55:10

Test channel:	Highest

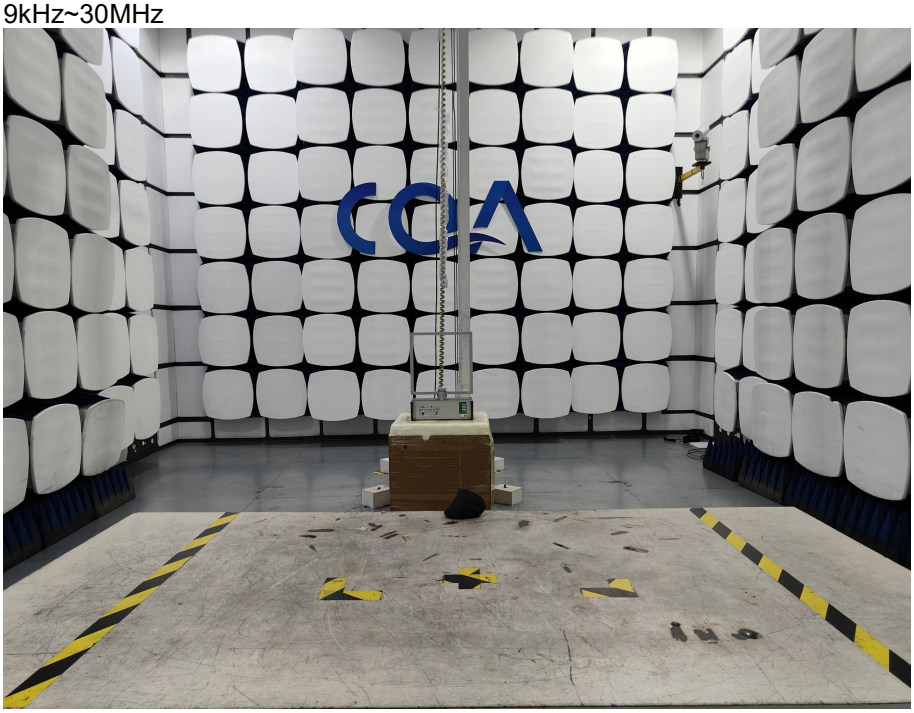


Date: 3.FEB.2026 17:57:58

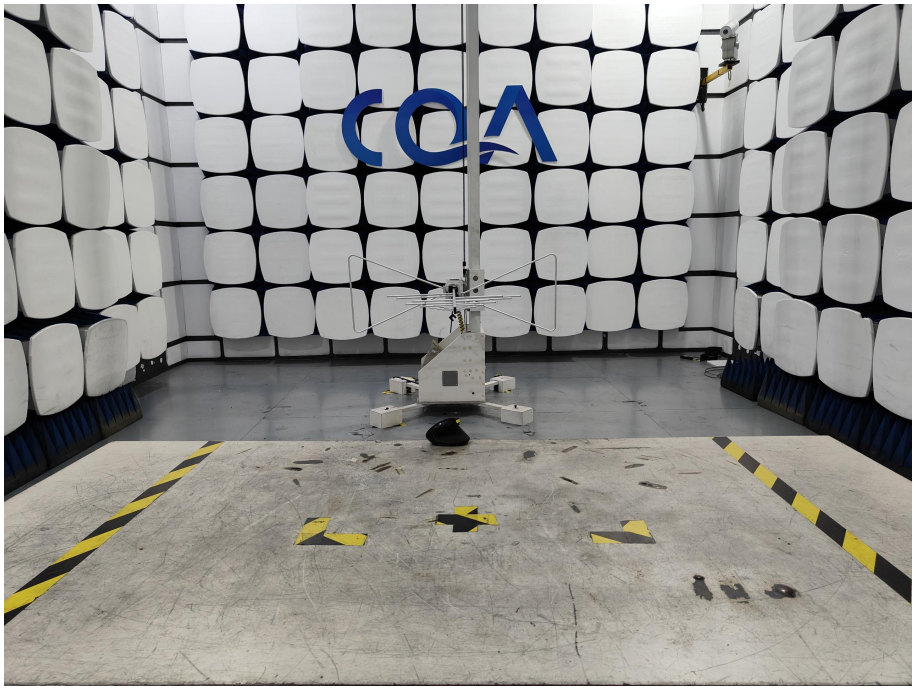
6 Photographs

6.1 Radiated Emission Test Setup

9kHz~30MHz



30MHz~1GHz:



Above 1GHz:

6.2 Conducted Emission Test Setup

6.3 EUT Constructional Details

Refer to Photographs - EUT Constructional Details OF EUT for CQASZ20260100241E-01.

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