



TEST REPORT

Applicant: Dongguan Herun Electronic Technology Co.,Ltd
Address of Applicant: Room 401, No.5, Hekeng Heli New Village Street, Qiaotou Town,Dongguan City, China
Manufacturer: Dongguan Herun Electronic Technology Co.,Ltd
Address of Manufacturer: Room 401, No.5, Hekeng Heli New Village Street, Qiaotou Town,Dongguan City, China
Factory: Dongguan Herun Electronic Technology Co.,Ltd
Address of Factory: Room 401, No.5, Hekeng Heli New Village Street, Qiaotou Town,Dongguan City, China
Product Name: Wireless Mouse
Model No.: M319, SC650
Trade Mark: N/A
FCC ID: 2A6C9-M319
Applicable standards: CFR Title 47 Part 15.249
Date of Test: Jun.25, 2026-Jul.02, 2026
Date of report issued: Jul.03, 2026

Remark:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full without prior written permission of the company.

The report would be invalid without specific stamp of test institute and the signatures of compiler and approver

Prepared By

Shenzhen ETR Standard Technology Co., Ltd.

Address: No.103, No.10, Phase I, Zone 3, Xinxing Industrial Park, Xinhe, Fuhai Street, Bao'an District, Shenzhen,
Guangdong, China

Compiled by:

Project Engineer

Reviewed by:

Project Manager

Approved by:

Authorized Signature



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1 Test Summary

Test Item	Section in CFR 47	Result	Test by
Antenna requirement	15.203	Pass	/
AC Power Line Conducted Emission	15.207	Pass	Jason Huang
Field strength of the fundamental signal	15.249 (a)	Pass	Jason Huang
Spurious emissions	15.249 (a) (d)/15.209	Pass	Jason Huang
Band edge	15.249 (d)/15.205	Pass	Jason Huang
20dB Occupied Bandwidth 99% Occupied Bandwidth	15.215 (c)	Pass	Oliver Wang

Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. Test according to ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
3. Note: Compliance determination rules
 - 1).The Compliance determination of test results does not take into account measurement uncertainty. Measurement results are determined based on regulatory limitations or requirements specified by the applicant/manufacturer. If measurement uncertainty is taken into account, the applicant/manufacturer will bear all possible risks of non-compliance.
 - 2).The measurement uncertainty please refer to each test result in the "Measurement Uncertainty"

Measurement Uncertainty

Test Item	Uncertainty Criterion	Measurement Uncertainty	Notes
Duty cycle	±5%	0.03	(1)
Occupied Channel Bandwidth	±5%	0.72%	(1)
RF output power, conducted	±1.5dB	±0.67 dB	(1)
Power Spectral Density, conducted	±3dB	±0.51 dB	(1)
Unwanted Emissions, conducted	±3dB	±0.64 dB	(1)
AC Power Line Conducted Emission	±6dB	± 3.38 dB	(1)
Radiated emissions 30M- 1GHz	±6dB	±4.88 dB	(1)
Radiated emissions 1GHz-18GHz	±6dB	± 4.16 dB	(1)
Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.			

2 General Information

2.1 General Description of EUT

Product Name:	Wireless Mouse
Model No.:	M319, SC650
Model of difference:	All models have the same electrical circuit, including the same software parameters and hardware design (i.e. circuit design, PCB layout, RF module/circuit, antenna type and location, components on PCB, etc.), the same mechanical structure and design (including product casing, materials, etc.), except for the model name and color
Test model:	M319
Hardware Version:	N/A
Software Version:	N/A
Radio Technology:	2.4G SDR
Operation Frequency:	2405MHz~2475MHz
Channel numbers:	16
Channel separation:	2MHz
Modulation type:	GFSK
Antenna Type:	PCB antenna
Antenna gain:	-0.71dBi (Note: Antenna information is provided by applicant, Testing lab is not responsible for the accuracy of the information.)
Battery:	DC 3.7V 500mAh
Power supply:	DC 5V From Adapter or DC 3.7V From Battery

Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2405 MHz	05	2422 MHz	09	2441 MHz	13	2463 MHz
02	2408 MHz	06	2426 MHz	10	2445 MHz	14	2466 MHz
03	2414 MHz	07	2436 MHz	11	2453 MHz	15	2471 MHz
04	2419 MHz	08	2439 MHz	12	2459 MHz	16	2475 MHz

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	2405 MHz
The middle channel	2445 MHz
The Highest channel	2475 MHz

2.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
Remark: For battery operated equipment, the EUT was performed using a new DC 3.7V battery.	

2.3 Description of Support Units

No.	Description	Manufacturer	Model	Serial Number
1	Notebook computer	DELL	Vostro 3520	/
2	Adapter	Xiaomi	MDY-11-EM	/

2.4 Deviation from Standards

None.

2.5 Abnormalities from Standard Conditions

None.

2.6 Test Facility

Test laboratory:	Shenzhen ETR Standard Technology Co., Ltd.
CNAS Registration Number:	L11864
A2LA Certificate Number:	6640.01
FCC Designation Number:	CN1326
FCC Test Firm Registration:	183064

2.7 Test Location

All tests were performed at:	
Laboratory location:	No.103, No.10, Phase I, Zone 3, Xinxing Industrial Park, Xinhe, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Telephone:	+86 755 85259392

2.8 Additional Instructions

Test Software	Manufacturer's special serial port command
Power level setup	Default

3 Test Instruments list

Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101214	2026.3.05	2027.3.04
2	EMI Test Receiver	Rohde&schwarz	ESCI3	102696	2026.3.05	2027.3.04
3	Loop Antenna	schwarabeck	FMZB 1519 B	128	2026.3.08	2028.3.07
4	Broadband antenna	schwarabeck	VULB9168	1064	2026.3.11	2028.3.10
5	Horn antenna	schwarabeck	BBHA9120D	2288	2026.3.08	2028.3.07
6	amplifier	EMtrace	RP01A	50117	2026.3.05	2027.3.04
7	AMN	schwarabeck	NSLK8127	8127483	2026.3.05	2027.3.04
8	AMN	ETS	3186/2NM	1132	2026.3.05	2027.3.04
9	10dB attenuator	HUBER+SUHN R	10dB	/	2026.3.05	2027.3.04
10	amplifier	Space-Dtronics	EWLAN0118G-P40	19113001	2026.3.05	2027.3.04
11	Filter	Xingbo	XBLBQ-GTA19	210410-3-1	2026.3.05	2027.3.04
12	Spectrum analyzer	KEYSIGHT	N9020A	MY55370280	2026.3.05	2027.3.04
13	Power control box	MWRFtest	MW100-PSB	MW201020JYT	2026.3.05	2027.3.04
14	Power Sensor	Keysight	U2021XA	MY54111006	2026.3.05	2027.3.04
15	amplifier	SKET	LNPA_1840-50 (18-40GHz)	19113001	2026.3.05	2027.3.04
16	Horn antenna	schwarabeck	BBHA 9170	946	2026.3.08	2028.3.07
17	Temp. & Humidity Chamber	Jiecheng Instrument	QA-LP-80	20160705001	2026/3/06	2027/3/05

Note: the calibration interval of the above test instruments is 12 or 24 months and the calibrations are traceable to international system unit (SI).

Software Name	Manufacturer	Model	Version
RF test software	MWRFtest	MTS 8310	V2.0.0.0
Conducted test software	EZ-EMC	Farad	Ver.EMC-CON 3A1.1
Radiated test software	EZ-EMC	Farad	Ver.FA-03A2 RE

4 Test results and Measurement Data

4.1 Antenna requirement

Standard requirement:
FCC part 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 best case gain of the antenna is -0.71dBi, reference to the Int photo for details.

4.2 Conducted Emissions

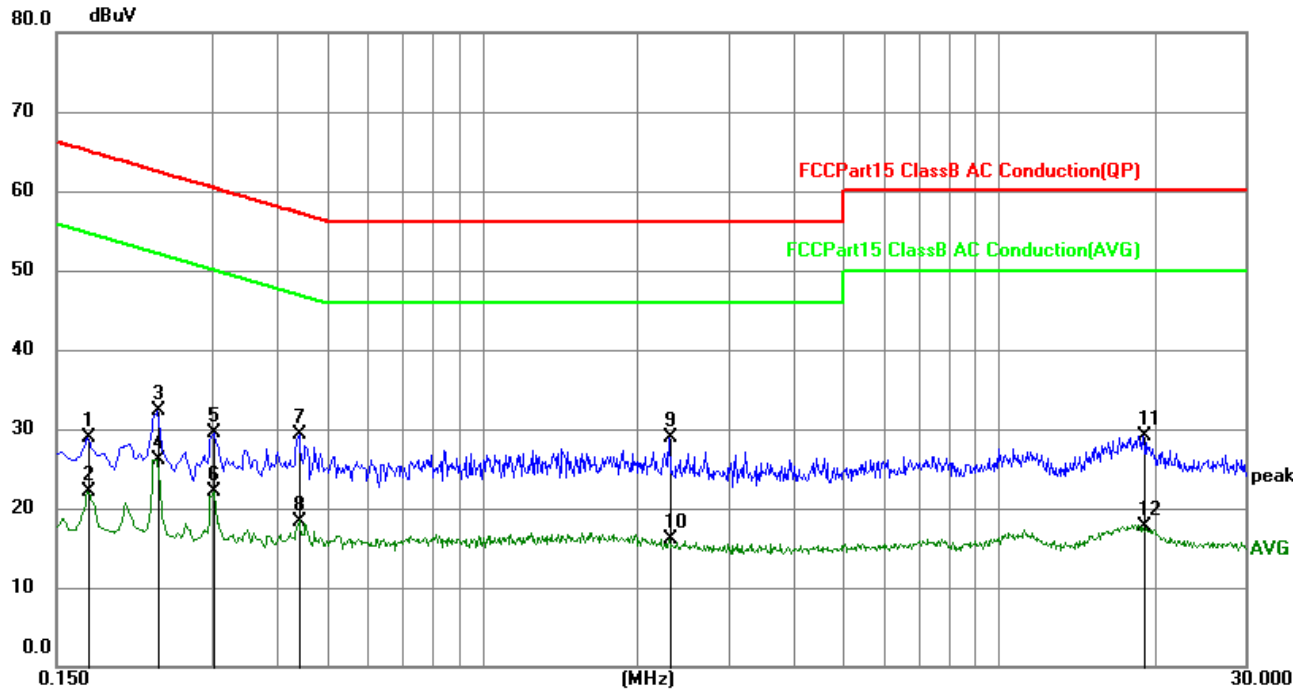
Test Requirement:	47CRF part 15.207						
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §6.2						
Test Frequency Range:	150KHz to 30MHz						
Class / Severity:	Class B						
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto						
Limit:	Frequency range (MHz)		Limit (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 setup:	Reference Plane 40cm LISN AUX Equipment E.U.T 80cm LISN Filter AC power EMI Receiver Test table/Insulation plane Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m						
Test procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. 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 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 on conducted measurement.						
Test Instruments:	Refer to section 3.0 for details						
Test mode:	Refer to section 2.2 for details						
Test environment:	Temp.:	28.4°C	Humid.:	64%	Press.:	1012mbar	
Test voltage:	AC 120V 60Hz						
Test results:	Pass						

Remark:

1. Both high voltage and low voltage have been tested, and the report only shows the worst case data with AC 120V/60Hz.

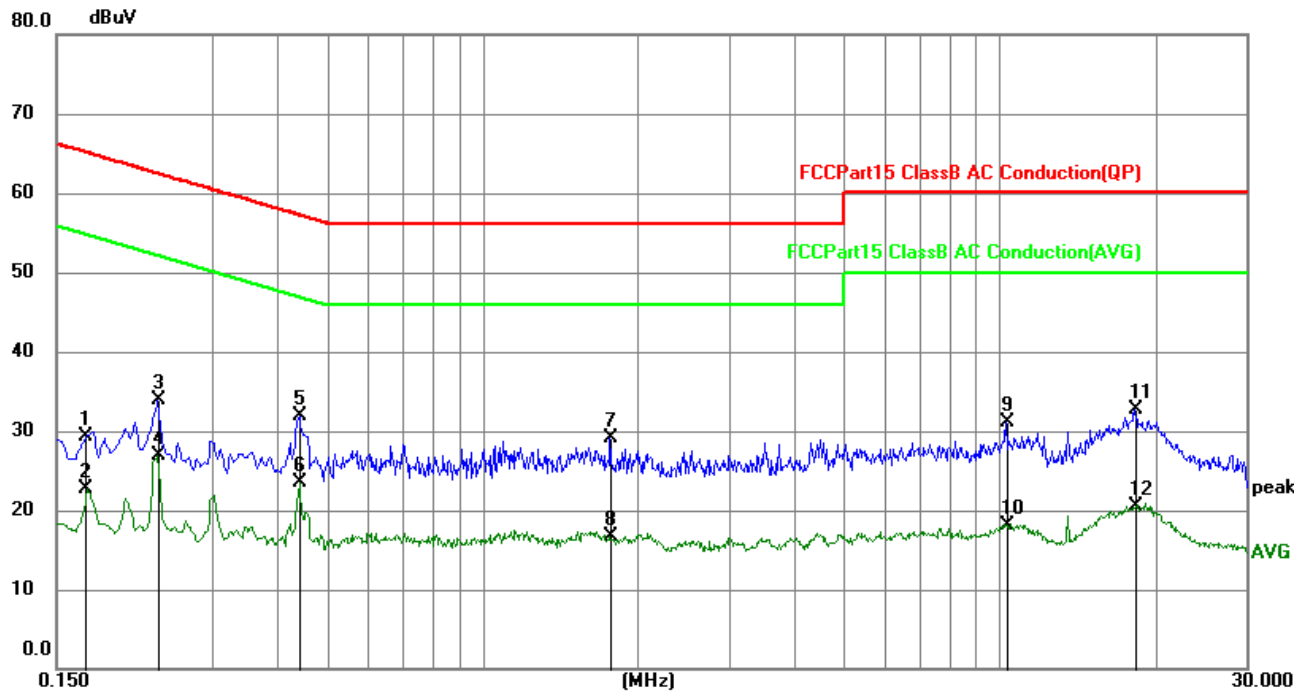
Measurement data

Line:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1725	18.87	9.97	28.84	64.84	-36.00	QP
2	0.1725	12.17	9.97	22.14	54.84	-32.70	AVG
3	0.2355	22.37	9.98	32.35	62.25	-29.90	QP
4	0.2355	16.22	9.98	26.20	52.25	-26.05	AVG
5	0.3030	19.54	10.01	29.55	60.16	-30.61	QP
6	0.3030	12.04	10.01	22.05	50.16	-28.11	AVG
7	0.4425	19.16	10.06	29.22	57.01	-27.79	QP
8	0.4425	8.34	10.06	18.40	47.01	-28.61	AVG
9	2.3055	18.85	10.00	28.85	56.00	-27.15	QP
10	2.3055	6.09	10.00	16.09	46.00	-29.91	AVG
11	19.0860	19.15	9.94	29.09	60.00	-30.91	QP
12	19.0860	7.85	9.94	17.79	50.00	-32.21	AVG

Neutral:



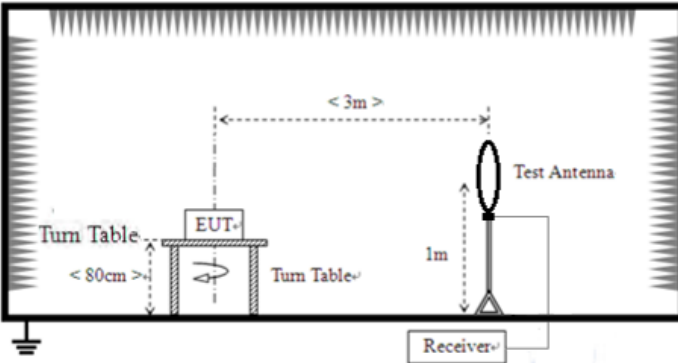
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1712	19.28	9.97	29.25	64.90	-35.65	QP
2	0.1712	12.65	9.97	22.62	54.90	-32.28	AVG
3	0.2355	23.86	9.98	33.84	62.25	-28.41	QP
4	0.2355	16.87	9.98	26.85	52.25	-25.40	AVG
5	0.4425	21.83	10.06	31.89	57.01	-25.12	QP
6	0.4425	13.40	10.06	23.46	47.01	-23.55	AVG
7	1.7700	19.02	10.02	29.04	56.00	-26.96	QP
8	1.7700	6.65	10.02	16.67	46.00	-29.33	AVG
9	10.3065	20.99	10.07	31.06	60.00	-28.94	QP
10	10.3065	8.09	10.07	18.16	50.00	-31.84	AVG
11	18.2354	22.83	9.95	32.78	60.00	-27.22	QP
12	18.2354	10.56	9.95	20.51	50.00	-29.49	AVG

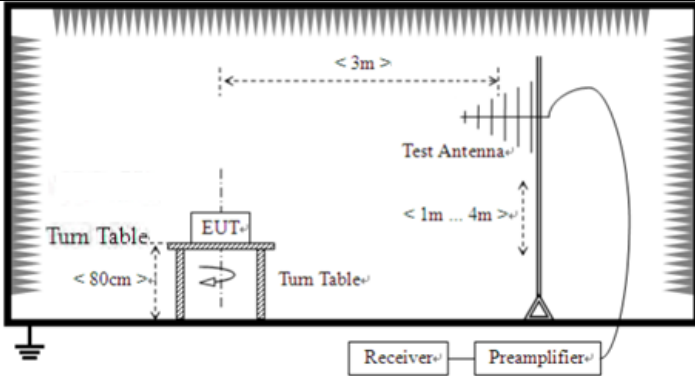
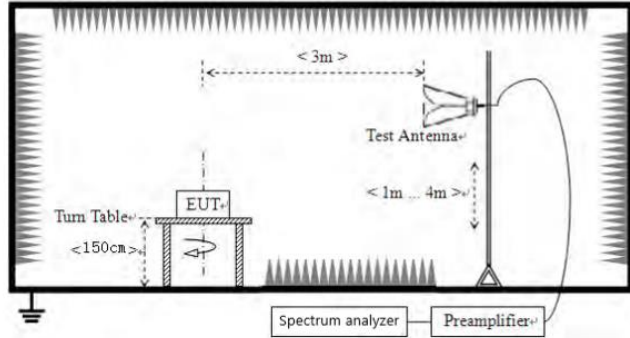
Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Level = Receiver Read level + Factor (Factor = LISN Factor + Cable Loss + Attenuator Factor)

If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.

4.3 Radiated Emission measurement

Test Requirement:	FCC Part15 C Section 15.209 & 15.249 (a) &(d).				
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 § 6.4&6.5&6.6				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	9kHz-150kHz	Quasi-peak	200Hz	300Hz	Quasi-peak Value
	150kHz-30MHz	Quasi-peak	9kHz	10kHz	Quasi-peak Value
	30MHz-1GHz	Quasi-peak	120KHz	36KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		Peak	1MHz	10Hz	Average Value
Limit: (Field strength of the fundamental signal)	Frequency		Limit (dBuV/m @3m)		Remark
	2400MHz-2483.5MHz		94.00		Average Value
			114.00		Peak Value
Limit: (Spurious Emissions)	Frequency		Limit (uV/m)		Remark
	0.009MHz-0.490MHz		2400/F(kHz) @300m		Quasi-peak Value
	0.490MHz-1.705MHz		24000/F(kHz) @30m		Quasi-peak Value
	1.705MHz-30.0MHz		30 @30m		Quasi-peak Value
	30MHz-88MHz		100 @3m		Quasi-peak Value
	88MHz-216MHz		150 @3m		Quasi-peak Value
	216MHz-960MHz		200 @3m		Quasi-peak Value
	960MHz-1GHz		500 @3m		Quasi-peak Value
	Above 1GHz		500 @3m		Average Value
5000 @3m			Peak Value		
Limit: (band edge)	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.				
Test setup:	For radiated emissions from 9kHz to 30MHz				
					
	For radiated emissions from 30MHz to1GHz				

	 For radiated emissions above 1GHz 
Test Procedure:	1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. 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. 4. 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 and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. 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.
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test environment:	Temp.: 21.2 Humid.: 61 Press.: 1012mbar
Test voltage:	DC 3.7V
Test results:	Pass

4.3.1 Field Strength of The Fundamental Signal

Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2405.00	106.94	-14.91	92.03	114.00	-21.97	Vertical
2405.00	103.52	-14.91	88.61	114.00	-25.39	Horizontal
2445.00	99.52	-14.75	84.77	114.00	-29.23	Vertical
2445.00	104.06	-14.75	89.31	114.00	-24.69	Horizontal
2475.00	108.74	-14.64	94.10	114.00	-19.90	Vertical
2475.00	94.56	-14.64	79.92	114.00	-34.08	Horizontal

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2405.00	93.55	-14.91	78.64	94.00	-15.36	Vertical
2405.00	91.17	-14.91	76.26	94.00	-17.74	Horizontal
2445.00	86.99	-14.75	72.24	94.00	-21.76	Vertical
2445.00	91.18	-14.75	76.43	94.00	-17.57	Horizontal
2475.00	95.72	-14.64	81.08	94.00	-12.92	Vertical
2475.00	80.78	-14.64	66.14	94.00	-27.86	Horizontal

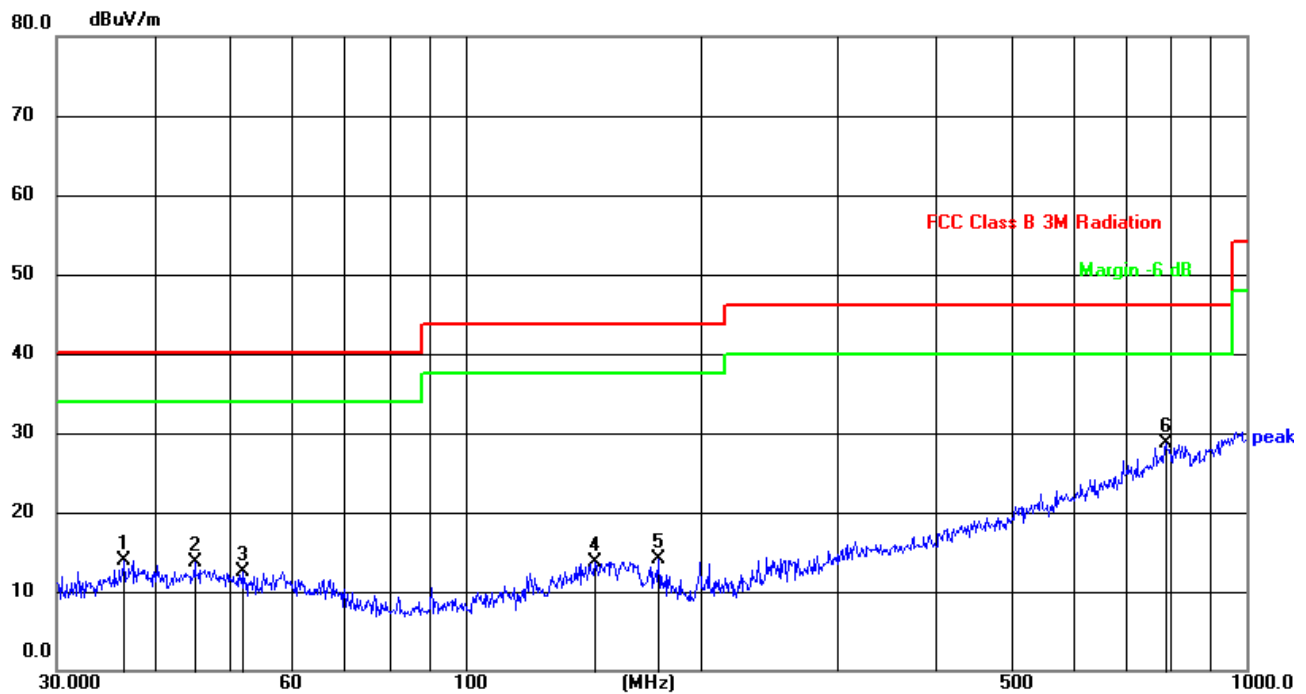
4.3.2 Spurious emissions

■ Below 30MHz

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

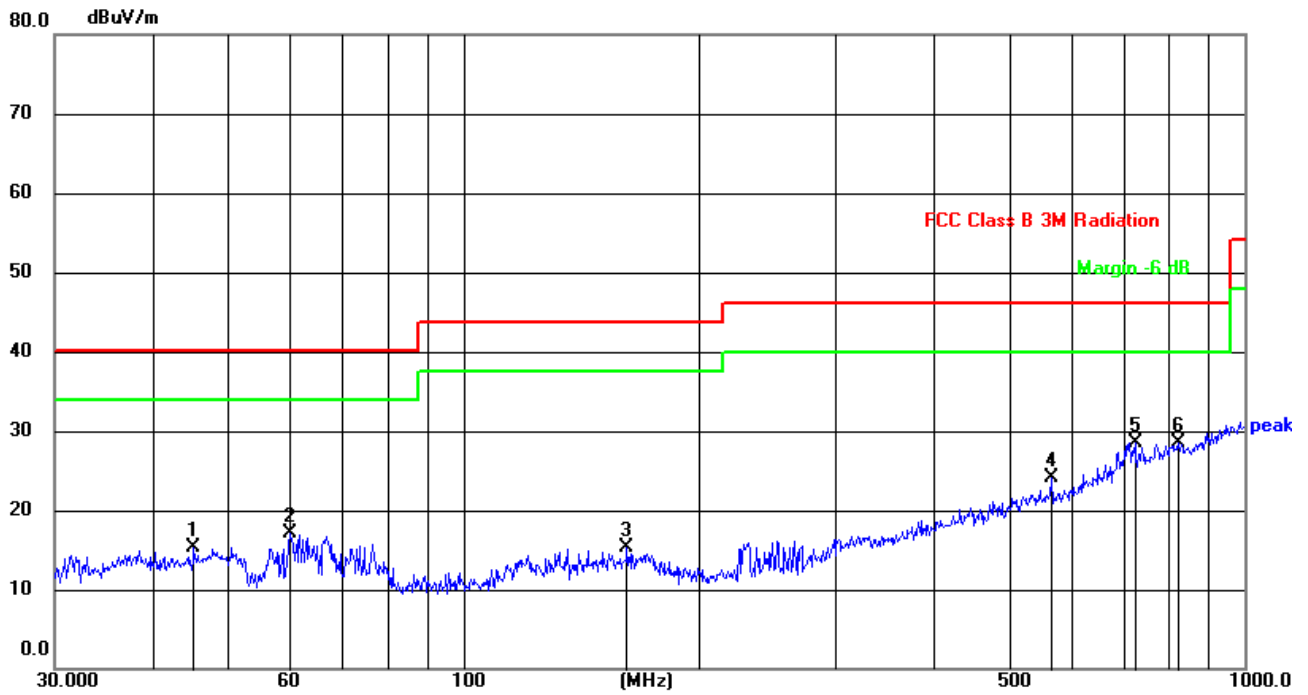
■ Below 1GHz

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	36.6372	35.44	-21.46	13.98	40.00	-26.02	QP
2	45.0583	34.82	-21.19	13.63	40.00	-26.37	QP
3	52.0251	34.49	-21.97	12.52	40.00	-27.48	QP
4	146.3734	34.66	-20.91	13.75	43.50	-29.75	QP
5	176.8875	36.04	-22.03	14.01	43.50	-29.49	QP
6	787.8509	35.69	-6.90	28.79	46.00	-17.21	QP

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	45.2165	36.55	-21.21	15.34	40.00	-24.66	QP
2	60.0690	39.56	-22.55	17.01	40.00	-22.99	QP
3	162.0413	36.02	-20.65	15.37	43.50	-28.13	QP
4	566.6221	36.67	-12.48	24.19	46.00	-21.81	QP
5	724.2607	37.13	-8.63	28.50	46.00	-17.50	QP
6	821.7103	34.89	-6.39	28.50	46.00	-17.50	QP

■ Above 1GHz

Test channel:	Lowest channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4810.00	60.97	-7.57	53.40	74.00	-20.60	Horizontal
7215.00	52.47	-3.43	49.04	74.00	-24.96	Horizontal
9620.00	---	---	---	---	---	Horizontal
12025.00	---	---	---	---	---	Horizontal
4810.00	59.62	-7.57	52.05	74.00	-21.95	Vertical
7215.00	51.45	-3.43	48.02	74.00	-25.98	Vertical
9620.00	---	---	---	---	---	Vertical
12025.00	---	---	---	---	---	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4810.00	50.02	-7.57	42.45	54.00	-11.55	Horizontal
7215.00	42.10	-3.43	38.67	54.00	-15.33	Horizontal
9620.00	---	---	---	---	---	Horizontal
12025.00	---	---	---	---	---	Horizontal
4810.00	51.02	-7.57	43.45	54.00	-10.55	Vertical
7215.00	41.97	-3.43	38.54	54.00	-15.46	Vertical
9620.00	---	---	---	---	---	Vertical
12025.00	---	---	---	---	---	Vertical

Remark:

1. Final Level =Receiver Read level +Correction Factor(Antenna Factor + Cable Loss – Preamplifier Factor)
2. The emission levels of other frequencies are more than 20 dB below the limit and not show in test report.
3. “*”, means this data is the too weak instrument of signal is unable to test.

Test channel:	Middle channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4890.00	55.84	-7.31	48.53	74.00	-25.47	Horizontal
7335.00	51.55	-3.28	48.27	74.00	-25.73	Horizontal
9780.00	---	---	---	---	---	Horizontal
12225.00	---	---	---	---	---	Horizontal
4890.00	54.80	-7.31	47.49	74.00	-26.51	Vertical
7335.00	51.49	-3.28	48.21	74.00	-25.79	Vertical
9780.00	---	---	---	---	---	Vertical
12225.00	---	---	---	---	---	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4890.00	46.50	-7.31	39.19	54.00	-14.81	Horizontal
7335.00	41.28	-3.28	38.00	54.00	-16.00	Horizontal
9780.00	---	---	---	---	---	Horizontal
12225.00	---	---	---	---	---	Horizontal
4890.00	48.66	-7.31	41.35	54.00	-12.65	Vertical
7335.00	40.46	-3.28	37.18	54.00	-16.82	Vertical
9780.00	---	---	---	---	---	Vertical
12225.00	---	---	---	---	---	Vertical

Remark:

1. Final Level = Receiver Read level + Correction Factor (Antenna Factor + Cable Loss – Preamplifier Factor)
2. The emission levels of other frequencies are more than 20 dB below the limit and not show in test report.
3. “---”, means this data is too weak instrument of signal is unable to test.

Test channel:	Highest channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4950.00	63.80	-7.11	56.69	74.00	-17.31	Horizontal
7425.00	54.48	-3.15	51.33	74.00	-22.67	Horizontal
9900.00	---	---	---	---	---	Horizontal
12375.00	---	---	---	---	---	Horizontal
4950.00	65.23	-7.11	58.12	74.00	-15.88	Vertical
7425.00	53.68	-3.15	50.53	74.00	-23.47	Vertical
9900.00	---	---	---	---	---	Vertical
12375.00	---	---	---	---	---	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4950.00	48.38	-7.11	41.27	54.00	-12.73	Horizontal
7425.00	41.38	-3.15	38.23	54.00	-15.77	Horizontal
9900.00	---	---	---	---	---	Horizontal
12375.00	---	---	---	---	---	Horizontal
4950.00	48.44	-7.11	41.33	54.00	-12.67	Vertical
7425.00	41.68	-3.15	38.53	54.00	-15.47	Vertical
9900.00	---	---	---	---	---	Vertical
12375.00	---	---	---	---	---	Vertical

Remark:

1. *Final Level = Receiver Read level + Correction Factor (Antenna Factor + Cable Loss – Preamplifier Factor)*
2. *The emission levels of other frequencies are more than 20 dB below the limit and not show in test report.*
3. *“---”, means this data is too weak instrument of signal is unable to test.*

4.3.3 Bandedge emissions

All of the restriction bands were tested, and only the data of worst case was exhibited.

Test channel:	Lowest channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	54.74	-14.50	40.24	74.00	-33.76	Horizontal
2400.00	63.93	-14.45	49.48	74.00	-24.52	Horizontal
2390.00	56.10	-14.50	41.60	74.00	-32.40	Vertical
2400.00	64.73	-14.45	50.28	74.00	-23.72	Vertical

Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	42.34	-14.50	27.84	54.00	-26.16	Horizontal
2400.00	50.73	-14.45	36.28	54.00	-17.72	Horizontal
2390.00	42.02	-14.50	27.52	54.00	-26.48	Vertical
2400.00	51.55	-14.45	37.10	54.00	-16.90	Vertical

Test channel:	Highest channel
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Peak value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	58.72	-14.13	44.59	74.00	-29.41	Horizontal
2500.00	50.87	-14.06	36.81	74.00	-37.19	Horizontal
2483.50	58.71	-14.13	44.58	74.00	-29.42	Vertical
2500.00	49.51	-14.06	35.45	74.00	-38.55	Vertical

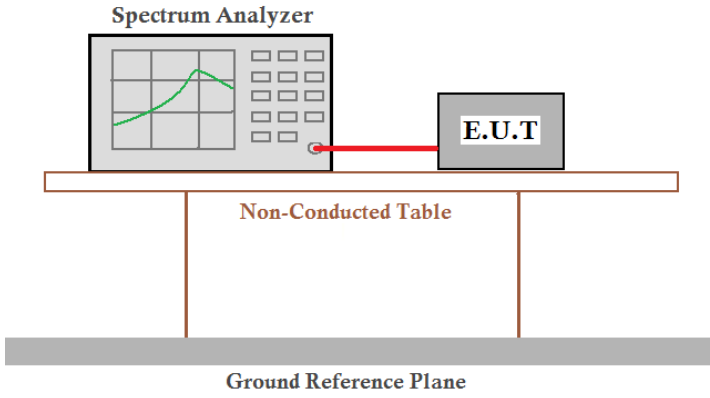
Average value:

Frequency (MHz)	Read Level (dBuV/m)	Correction Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	46.84	-14.13	32.71	54.00	-21.29	Horizontal
2500.00	40.14	-14.06	26.08	54.00	-27.92	Horizontal
2483.50	45.74	-14.13	31.61	54.00	-22.39	Vertical
2500.00	41.34	-14.06	27.28	54.00	-26.72	Vertical

Remark:

1. *Final Level = Receiver Read level + Correction Factor (Antenna Factor + Cable Loss – Preamplifier Factor)*

4.4 20dB Bandwidth and 99% bandwidth

Test Requirement :	§ 15.215 (c) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.	
Test Method :	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 § 11.8	
Limit:	/	
Test setup:		
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.9	Humid.: 49H
Test voltage:	DC 3.7V	
Test results:	Pass	

Measurement Data

Test channel	20dB bandwidth(MHz)	Result
Lowest	2.131	Pass
Middle	2.136	
Highest	2.143	

Test channel	99% bandwidth(MHz)	Result
Lowest	2.0361	Pass
Middle	2.0413	
Highest	2.0501	

Test plot as follows:



Lowest channel



Middle channel



Highest channel



5 Test Setup Photo

Reference to the file No.: ET-26062925SP for details.

6 EUT Constructional Details

Reference to the file No.: ET-26062925EP and ET-26062925IP for details

-----End-----