TEST REPORT

Report No:	TWN2511790-01E
Applicant:	Eastern Times Technology Co.,Ltd
Product:	3-MODE WIRELESS GAMING MOUSE
Model No:	M998-STD-1K, DS-4108
Trademark:	REDRAGON
Test Standards:	ETSI EN 300 440 v 2.2.1 (2018-07)
Test Result:	The RF Spectrum testing has been performed on the submitted samples and found in compliance with council Radio Equipment Directive (RED)2014/53/EU

Approved By

Terry Tang

EMC Manager

Dated: December 22, 2025

Results appearing herein relate only to the sample tested
The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES.

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Special Statement:

FCC-Registration No.: 744189

The 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.: 744189.

ISED —Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of ISED for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

CAB identifier: CN0033

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Test Report Conclusion

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1. General Information

1.1 Notes

The test results of this report relate exclusively to the test item specified in 1.5. The TIMEWAY Lab does not assume Responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written approval of the TIMEWAY Lab.

1.2 Testing Laboratory

SHENZHEN TIMEWAY TESTING LABORATORIES.

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

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Site on File With the Federal Communications and Commission – United States

Registration Number: 744189

For 3m Anechoic Chamber

Site Listed with ISED of Ottawa, Canada

Registration Number: IC: 5205A

For 3m Anechoic Chamber

1.3 Details of Applicant

Name: Eastern Times Technology Co.,Ltd

Address: Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City, Guangdong, China.

1.4 Application Details

Date of Receipt of Application: November 26, 2025

Date of Receipt of Test Item: November 26, 2025

Date of Test: November 26, 2025 ~ December 22, 2025

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1.5 Test Item

Manufacturer: Eastern Times Technology Co.,Ltd
Address: Building D, Nan An Industrial Area, Youganpu Village, Fenggang Town, Dongguan City, Guangdong, China.
Trademark: REDRAGON
Model No.: M998-STD-1K
Additional Model: DS-4108
Description: 3-MODE WIRELESS GAMING MOUSE

Additional Information

Frequency: 2405MHz-2475MHz for Mouse/dongle Part
Channel Number: 16
Channel List (unit: MHz): 2405, 2463, 2441, 2426, 2408, 2466, 2445, 2422, 2414, 2471, 2459, 2436, 2419, 2475, 2453, 2439
Modulation Type: GFSK
Antenna Designation: PCB antenna with maximum gain 2.34dBi for Mouse part and 1.66dBi for USB dongle part
Rating: DC5V hosted from PC for USB dongle part; DC5V, 300mA or DC3.7V, 8mA for Mouse Part
Battery: DC3.7V, 400mAh Li-ion battery or Mouse part (Li-ion battery)
Operation Distance: N/A
Resolution: N/A
Extreme Temp. Tolerance: -20℃ to 55℃

Note: Classification according to CEPT/ERC Recommendation 70-03

1.6 Test Standards

ETSI EN 300 440 v 2.2.1 (2018-07)
Short Range Devices (SRD);
Radio equipment to be used in the 1 GHz to 40 GHz frequency range;
Harmonised Standard for access to radio spectrum

Note: All radiated measurements were made in all three orthogonal planes. The values reported are the maximum values.

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1.7 Configuration of The EUT

The EUT was configured according to **CISPR16.** All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

A. EUT

Device	Manufacturer	Model
3-MODE WIRELESS GAMING MOUSE	Eastern Times Technology Co.,Ltd	M998-STD-1K, DS-4108

B. Internal Devices

Device	Manufacturer	Model
N/A		

C. Peripherals

Device	Manufacturer	Model	Cable
N/A			

1.8 EUT Modifications

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES.

1.9 Tests or Witness Test Engineering

Test By: Andy -Xing

Printing Name: Andy Xing

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2. Technical Test

2.1 Summary of Test Results

No deviations from the technical specification(s) were ascertained in the course of the tests Performed	
Final Verdict: (Only “Passed” if all Measurements are “Passed”)	**Pass**

2.2 Test Report

Test Report Reference

List of Measurements	
Parameter to be measured	**Clause**
Transmitter Parameters	
Transmitter Requirements	Clause 4.2.1
Equivalent Isotropically Radiated Power (eirp)	Clause 4.2.2
Permitted Range of Operating Frequencies	Clause 4.2.3
Unwanted emissions in the spurious domain	Clause 4.2.4
Duty Cycle	Clause 4.2.5
Receiver Parameters	
Receiver Requirements	Clause 4.3
Adjacent Band Selectivity	Clause 4.3.3
Blocking or Desensitisation	Clause 4.3.4
Receiver Spurious Emissions	Clause 4.3.5

Note: The clause numbers are referenced to ETSI EN 300 440 v 2.2.1 (2018-07).

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Clause 4.2.1 Transmitter Requirements

The transmitter with a dedicated antenna.

Clause 4.2.2 Equivalent Isotropically Radiated Power (eirp)

For Transmitter

EIRP is calculated by method described under EN 300 440 sub clause 4.2.2.3

Conducted measurements

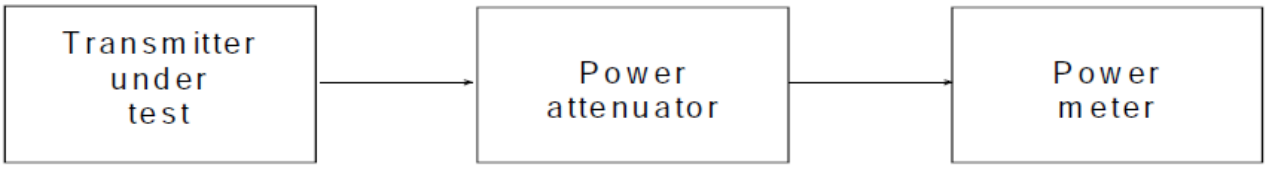


Figure 2: Measurement arrangement

For practical reasons, measurements shall be performed only at the highest power level at which the transmitter is intended to operate. The measurement arrangement in figure 2 shall be used.

The measurement shall be performed preferably in the absence of modulation.

When it is not possible to measure it in the absence of modulation, this fact shall be stated in test reports.

The transmitter shall be set in continuous transmission mode. If this is not possible, the measurements shall be carried out in a period shorter than the duration of the transmitted burst. It may be necessary to extend the duration of the burst.

The transmitter shall be connected to an artificial antenna (see clause 5.8.2) and the power delivered to this artificial antenna shall be measured.

The equivalent isotropically radiated power is then calculated from the measured value, the known antenna gain, relative to an isotropic antenna, and if applicable, any losses due to cables and connectors in the measurement system.

For Transmitter:

Mouse Part

Test Conditions		-6 dB transmitter bandwidth		
		Low Freq. 2405MHz	Mid Freq. 2441MHz	High Freq. 2475MHz
T_{nor} (25℃)	V_{nor} (3.7V)	1110kHz	1100kHz	1100kHz

USB Dongle Part

Test Conditions		-6 dB transmitter bandwidth		
		Low Freq. 2405MHz	Mid Freq. 2441MHz	High Freq. 2475MHz
T_{nor} (25℃)	V_{nor} (230V)	1090kHz	1070kHz	1080kHz

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For Transmitter:

Mouse Part

Test Conditions		Transmitter Power (Limit 10dBm) EIRP					
		Low Freq. 2405MHz		Mid Freq. 2441MHz		High Freq. 2475MHz	
T_{nor} (25℃)	V_{nor} (3.7V)	Pk	-8.31	Pk	-9.06	Pk	-9.53
T_{min} (-20℃)	V_H (4.2V)	Pk	-8.28	Pk	-9.02	Pk	-9.49
T_{max} (+55℃)	V_H (4.2V)	Pk	-8.23	Pk	-8.98	Pk	-9.45
T_{min} (-20℃)	V_L(3.3V)	Pk	-8.35	Pk	-9.09	Pk	-9.58
T_{max} (+55℃)	V_L(3.3V)	Pk	-8.39	Pk	-9.13	Pk	-9.62

Dongle Part

Test Conditions		Transmitter Power (Limit 10dBm) EIRP					
		Low Freq. 2405MHz		Mid Freq. 2441MHz		High Freq. 2475MHz	
T_{nor} (25℃)	V_{nor} (230V)	Pk	-8.51	Pk	-9.28	Pk	-9.76
T_{min} (-20℃)	V_L (207V)	Pk	-8.56	Pk	-9.31	Pk	-9.79
T_{max} (+55℃)	V_L (207V)	Pk	-8.58	Pk	-9.35	Pk	-9.83
T_{min} (-20℃)	V_H (253V)	Pk	-8.49	Pk	-9.26	Pk	-9.71
T_{max} (+55℃)	V_H (253V)	Pk	-8.43	Pk	-9.23	Pk	-9.67

Note:

(1) The EUT is a stand-alone radio device. The Mouse part is powered Li-ion battery. The USB dongle part is powered by PC, so the ac source is the power.

(2) The value of table is worst case during test condition, includes different combinations of transmitter rate antenna polarity and temperature.

(3) EIRP=Reading + Loss + Antenna Gain

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Limits: EN 300 440, Clause 4.2.2.4

Table 2: Maximum radiated peak power (e.i.r.p.)

Frequency Bands	Power	Application	Notes
2 400 MHz to 2 483,5 MHz	10 mW e.i.r.p.	Non-specific short range devices	
2 400 MHz to 2 483,5 MHz	25 mW e.i.r.p.	Radio determination devices	
(a) 2 446 MHz to 2 454 MHz	500 mW e.i.r.p.	Radio Frequency Identification (RFID) devices	See also table 4 and annex D
(b) 2 446 MHz to 2 454 MHz	4 W e.i.r.p.	Radio Frequency Identification (RFID) devices	See also table 4 and annex D
5 725 MHz to 5 875 MHz	25 mW e.i.r.p.	Non-specific short range devices	
9 200 MHz to 9 500 MHz	25 mW e.i.r.p.	Radio determination devices	
9 500 MHz to 9 975 MHz	25 mW e.i.r.p.	Radio determination devices	
10,5 GHz to 10,6 GHz	500 mW e.i.r.p.	Radio determination devices	
13,4 GHz to 14,0 GHz	25 mW e.i.r.p.	Radio determination devices	
17,1 GHz to 17,3 GHz	400 mW e.i.r.p.	Radio determination devices	See annex F
24,00 GHz to 24,25 GHz	100 mW e.i.r.p.	Non-specific short range devices and Radio determination devices	

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Clause 4.2.3 Permitted Range of Operating Frequencies

For Transmitter:

Mouse Part

Test Conditions		Frequency (MHz) at which-30 dBm occurs	
		Low Frequency (f_L) 2405MHz	High Frequency (f_H) 2475MHz
T_{nor} (25℃)	V_{nor} (3.7V)	2403.901582	2476.032371
T_{min} (-20℃)	V_H (4.2V)	2403.901583	2476.032373
T_{max} (+55℃)	V_H (4.2V)	2403.901580	2476.032372
T_{min} (-20℃)	V_L(3.3V)	2403.901579	2476.032370
T_{max} (+55℃)	V_L(3.3V)	2403.901578	2476.032369

USB Dongle Part

Test Conditions		Frequency (MHz) at which-30 dBm occurs	
		Low Frequency (f_L) 2405MHz	High Frequency (f_H) 2475MHz
T_{nor} (25℃)	V_{nor} (230V)	2403.906368	2476.021336
T_{min} (-20℃)	V_L (207V)	2403.906367	2476.021335
T_{max} (+55℃)	V_L (207V)	2403.906369	2476.021335
T_{min} (-20℃)	V_H (253V)	2403.906369	2476.021337
T_{max} (+55℃)	V_H (253V)	2403.906370	2476.021336

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Mouse Part

Test Conditions		Frequency (MHz) at which 99%BW occurs	
		Low Frequency (f_L) 2405MHz	High Frequency (f_H) 2475MHz
T_{nor} (25℃)	V_{nor} (3.7V)	2404.031326	2475.981345
T_{min} (-20℃)	V_H (4.2V)	2404.031328	2475.981346
T_{max} (+55℃)	V_H (4.2V)	2404.031329	2475.981344
T_{min} (-20℃)	V_L(3.3V)	2404.031325	2475.981345
T_{max} (+55℃)	V_L(3.3V)	2404.031327	2475.981346

USB Dongle Part

Test Conditions		Frequency (MHz) at which 99%BW occurs	
		Low Frequency (f_L) 2405MHz	High Frequency (f_H) 2475MHz
T_{nor} (25℃)	V_{nor} (230V)	2404.036056	2475.970812
T_{min} (-20℃)	V_L (207V)	2404.036055	2475.970811
T_{max} (+40℃)	V_L (207V)	2404.036057	2475.970810
T_{min} (-20℃)	V_H (253V)	2404.036057	2475.970813
T_{max} (+40℃)	V_H (253V)	2404.036056	2475.970811

Note:

(1) The EUT is a stand-alone radio device. The Mouse part is powered Li-ion battery. The USB dongle part is powered by PC, so the ac source is the power.

(2) The value of table is worst case during test condition, includes different combinations of transmitter rate antenna polarity and temperature.

Limits EN 300 440 Clause 4.2.3.5

Under Normal Test Conditions	F_L>2400MHz, f_H<2483.5

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Clause 4.2.4 Spurious Emissions

(Radiated)

Product	3-MODE WIRELESS GAMING MOUSE	Test Mode	Low and High Channel
Test Item	Spurious Emissions data	Temperature	25℃
Test Voltage	DC5V(Dongle), DC3.7V (Mouse)	Humidity	56%RH
Test Result	Pass	Model:	M998-STD-1K

Note:

1. Measurements were done on low & high channels, the worst case are submitted in the report.
2. The spurious emissions were done with different settings, using the relevant pre-amplifiers for the relevant frequency ranges.
3. The test frequency range is from 25M-25G and please see clause 4.2.4.3.3 of EN 300 440 for the test method.

Low Channel (2405MHz) for Mouse Part

Horizontal			Vertical		
F(MHz)	Band-Width(kHz)	Level (dBm)	F(MHz)	Band-Width(kHz)	Level(dBm)
322.31	100	-64.5	283.69	100	-70.1
4810	1000	-45.6	4810	1000	-48.8
Measurement Uncertainty		4. 7dB			

High Channel (2475MHz) for Mouse Part

Horizontal			Vertical		
F(MHz)	Band-Width(kHz)	Level (dBm)	F(MHz)	Band-Width(kHz)	Level(dBm)
155.38	100	-69.8	316.32	100	-69.3
4950	1000	-45.9	4950	1000	-49.3
Measurement Uncertainty		4. 7dB			

Low Channel for USB Dongle Part

Lowest Frequency			Highest Frequency		
F(MHz)	Band-Width(kHz)	Level (dBm)	F(MHz)	Band-Width(kHz)	Level(dBm)
216.13	100	-68.6	-	-	NF
Measurement Uncertainty		4. 7dB			

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High Channel for USB Dongle Part

Lowest Frequency			Highest Frequency		
F(MHz)	Band-Width(kHz)	Level (dBm)	F(MHz)	Band-Width(kHz)	Level(dBm)
356.28	100	-68.2	-	-	NF
Measurement Uncertainty		4. 7dB			

Limits EN 300 440, Clause 4.2.4.4

Table 3: Spurious emissions

Frequency ranges / State	47 MHz to 74 MHz 87,5 MHz to 108 MHz 174 MHz to 230 MHz 470 MHz to 862 MHz	Other frequencies ≤ 1 000 MHz	Frequencies > 1 000 MHz
Operating	4 nW	250 nW	1 µW
Standby	2 nW	2 nW	20 nW

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Clause 4.2.5 Duty Cycle
For Transmitter

The EUT is 3-MODE WIRELESS GAMING MOUSE intends to use in household and office or related application, It's declared by the manufacturer as a duty ratio up to 100%

Product	3-MODE WIRELESS GAMING MOUSE	Test Mode	Low, High and Middle Channel
Test Item	Duty Cycle	Temperature	25℃
Test Voltage	DC5V(Dongle), DC3.7V (Mouse)	Humidity	56%RH
Test Result	Pass	Model:	M998-STD-1K

X = Duty Cycle Ratio, Up to 100%

Limits EN 300 440-1, Clause 4.2.5.4

Table 4: Duty cycle limits

Frequency Band	Duty cycle	Application	Notes
2 400 MHz to 2 483,5 MHz	No Restriction	Generic use	
2 400 MHz to 2 483,5 MHz	No Restriction	Radiodetermination	
(a) 2 446 MHz to 2 454 MHz	No Restriction	RFID	Limits shown in Annex G shall apply
(b) 2 446 MHz to 2 454 MHz	≤ 15 %	RFID	Limits shown in Annex G shall apply
5 725 MHz to 5 875 MHz	No Restriction	Generic use	
9 200 MHz to 9 500 MHz	No Restriction	Radiodetermination	
9 500 MHz to 9 975 MHz	No Restriction	Radiodetermination	
10,5 GHz to 10,6 GHz	No Restriction	Radiodetermination	
13,4 GHz to 14,0 GHz	No Restriction	Radiodetermination	
17,1 GHz to 17,3 GHz	DAA or equivalent techniques	Radiodetermination, limited to GBSAR detecting and movement and alert applications	Limits shown in Annex I shall apply
24,00 GHz to 24,25 GHz	No Restriction	Generic use and for radiodetermination	
NOTE: The spectrum ranges in some entries are not harmonised throughout all EU territory, specifically entries 4, 9, and 11 have been identified as such. Implementers are cautioned to refer to CEPT/ERC Recommendation 70-03 [i.2] as well as current National Radio plans to verify acceptance within intended regions of use.			

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Clause 4.3 Receiver Requirements

For Receiver

Receiver Classification, Table 2 of EN300 440

Table 5: Receiver categories

Receiver category	Relevant receiver clauses	Risk assessment of receiver performance
1	4.3.3, 4.3.4 and 4.3.5	Highly reliable SRD communication media; e.g. serving human life inherent systems (may result in a physical risk to a person).
2	4.3.4 and 4.3.5	Medium reliable SRD communication media e.g. causing inconvenience to persons, which cannot simply be overcome by other means.
3	4.3.5	Standard reliable SRD communication media e.g. Inconvenience to persons, which can simply be overcome by other means (e.g. manual).

Note: The EUT (Rx Part) belongs to Class 3

Clause 4.3.3 Adjacent Band Selectivity

For Receiver

Product	3-MODE WIRELESS GAMING MOUSE	Test Mode	Low and High Channel
Test Item	Adjacent Band Selectivity	Temperature	25℃
Test Voltage	DC5V(Dongle), DC3.7V (Mouse)	Humidity	56%RH
Test Result	Pass	Model:	M998-STD-1K

Mouse under receiving mode

Low Channel-2405MHz

Adjacent channel selectivity	Limit
-31.8	-38.07

High Channel-2475MHz

Adjacent channel selectivity	Limit
-32.1	-38.28

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USB Dongle under receiving mode

Low Channel-2405MHz

Adjacent channel selectivity	Limit
-31.7	-37.99

High Channel-2475MHz

Adjacent channel selectivity	Limit
-32.0	-38.20

Limit

The adjacent channel selectivity of the equipment under specified conditions shall not be less than -30 dBm + k.

The correction factor, k, is as follows:

$$k=-20\log f - 10\log BW$$

Where:

- f is the frequency in GHz;
- BW is the channel bandwidth in MHz.

The factor k is limited within the following:

$-40 < k < 0$ dB.

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Clause 4.3.4 Blocking or Desensitization

For Receiver

Product	3-MODE WIRELESS GAMING MOUSE	Test Mode	Low and High Channel
Test Item	Blocking or Desensitization	Temperature	25℃
Test Voltage	DC5V for USB dongle part, DC3.7V for Mouse Part	Humidity	56%RH
Test Result	Pass	Model:	M998-STD-1K

Mouse under receiving mode

Low Channel-2405MHz

Wanted Signal (MHz)	Unwanted Signal (MHz)	Blocking Level (dBm)	Limit	Result
2405	2405-10	-47.1	-68.07	Pass
2405	2405-20	-41.0	-68.07	Pass
2405	2405-50	-32.9	-68.07	Pass

High Channel-2475MHz

Wanted Signal (MHz)	Unwanted Signal (MHz)	Blocking Level (dBm)	Limit	Result
2475	2475+10	-47.3	-68.28	Pass
2475	2475+20	-41.3	-68.28	Pass
2475	2475+50	-33.1	-68.28	Pass

Note: the receive channel bandwidth is 2MHz

USB Dongle under receiving mode

Low Channel-2405MHz

Wanted Signal (MHz)	Unwanted Signal (MHz)	Blocking Level (dBm)	Limit	Result
2405	2405-10	-46.9	-67.99	Pass
2405	2405-20	-40.8	-67.99	Pass
2405	2405-50	-32.8	-67.99	Pass

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High Channel-2475MHz

Wanted Signal (MHz)	Unwanted Signal (MHz)	Blocking Level (dBm)	Limit	Result
2475	2475+10	-47.3	-68.20	Pass
2475	2475+20	-41.1	-68.20	Pass
2475	2475+50	-32.9	-68.20	Pass

Note: the receive channel bandwidth is 1MHz

Limit

The blocking level, for any frequency within the specified ranges, shall not be less than the values given in table 6, except at frequencies on which spurious responses are found.

Table 6: Limits for blocking or desensitization

Receiver category	Limit
1	-30 dBm + k
2	-45 dBm + k
3	-60 dBm + k

The correction factor, k, is as follows:

$$k=-20\log f - 10\log BW$$

Where:

- f is the frequency in GHz;
- BW is the channel bandwidth in MHz.

The factor k is limited within the following:

$-40dB < k < 0$ dB.

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Clause 4.3.5 Receiver Spurious Emissions

(Radiated)

Product	3-MODE WIRELESS GAMING MOUSE	Test Mode	Low and High Channel
Test Item	Spurious Emissions data	Temperature	25℃
Test Voltage	DC5V for USB dongle part and DC 3.7V for Mouse Part	Humidity	56%RH
Test Result	Pass	Model:	M998-STD-1K

Note:

1. Measurements were done on low & high channels, the worst case are submitted in the test report.
2. The receiver spurious emissions were done with different settings, using the relevant and pre-amplifiers for the relevant frequency ranges.

Low Channel (2405MHz) for Mouse Part

Horizontal			Vertical		
F(MHz)	Band-Width(kHz)	Level (dBm)	F(MHz)	Band-Width(kHz)	Level(dBm)
185.17	100	-69.5	267.32	100	-68.7
Measurement Uncertainty		4. 7dB			

High Channel (2475MHz) for Mouse Part

Horizontal			Vertical		
F(MHz)	Band-Width(kHz)	Level (dBm)	F(MHz)	Band-Width(kHz)	Level(dBm)
188.17	100	-69.2	305.18	100	-67.9
Measurement Uncertainty		4. 7dB			

Low Channel (2405MHz) for USB Dongle Part

Horizontal			Vertical		
F(MHz)	Band-Width(kHz)	Level (dBm)	F(MHz)	Band-Width(kHz)	Level(dBm)
311.72	100	-67.9	378.73	100	-67.1
Measurement Uncertainty		4. 7dB			

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High Channel (2475MHz) for USB Dongle Part

Horizontal			Vertical		
F(MHz)	Band-Width(kHz)	Level (dBm)	F(MHz)	Band-Width(kHz)	Level(dBm)
299.07	100	-68.7	223.38	100	-69.1
Measurement Uncertainty		4. 7dB			

Note: 1. All reading are peak; Scan form 25MHz to 25GHz; find the maximum radiation frequency to measure.

2. Both the Mouse and USB dongle under receiving mode
3. Worse case is recorded

Limits EN 300 440, Clause 4.3.5.4

The power of any spurious emission shall not exceed 2 nW in the range 25 MHz to 1 GHz and shall not exceed 20 nW on frequencies above 1 GHz.

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3.0 Product Labelling

CE Mark label specification

Text of the mark is black or white in color and is left justified. Labels are printed in indelible ink on permanent adhesive backing and shall be affixed at a conspicuous location on the EUT or silk-screened onto the EUT.



Mark Location: Rear enclosure

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4. Photographs – Test Setup

Spurious Radiated emission test view





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Spurious Radiated emission test view





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5.0 Photographs – EUT

Outside View





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Outside View





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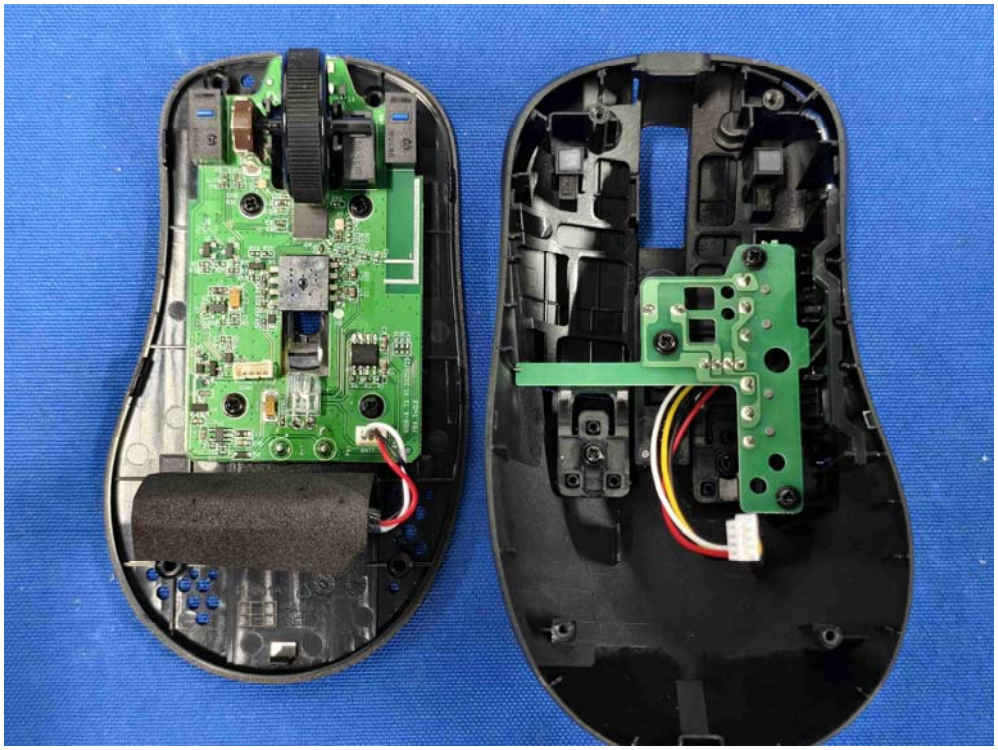
Outside View





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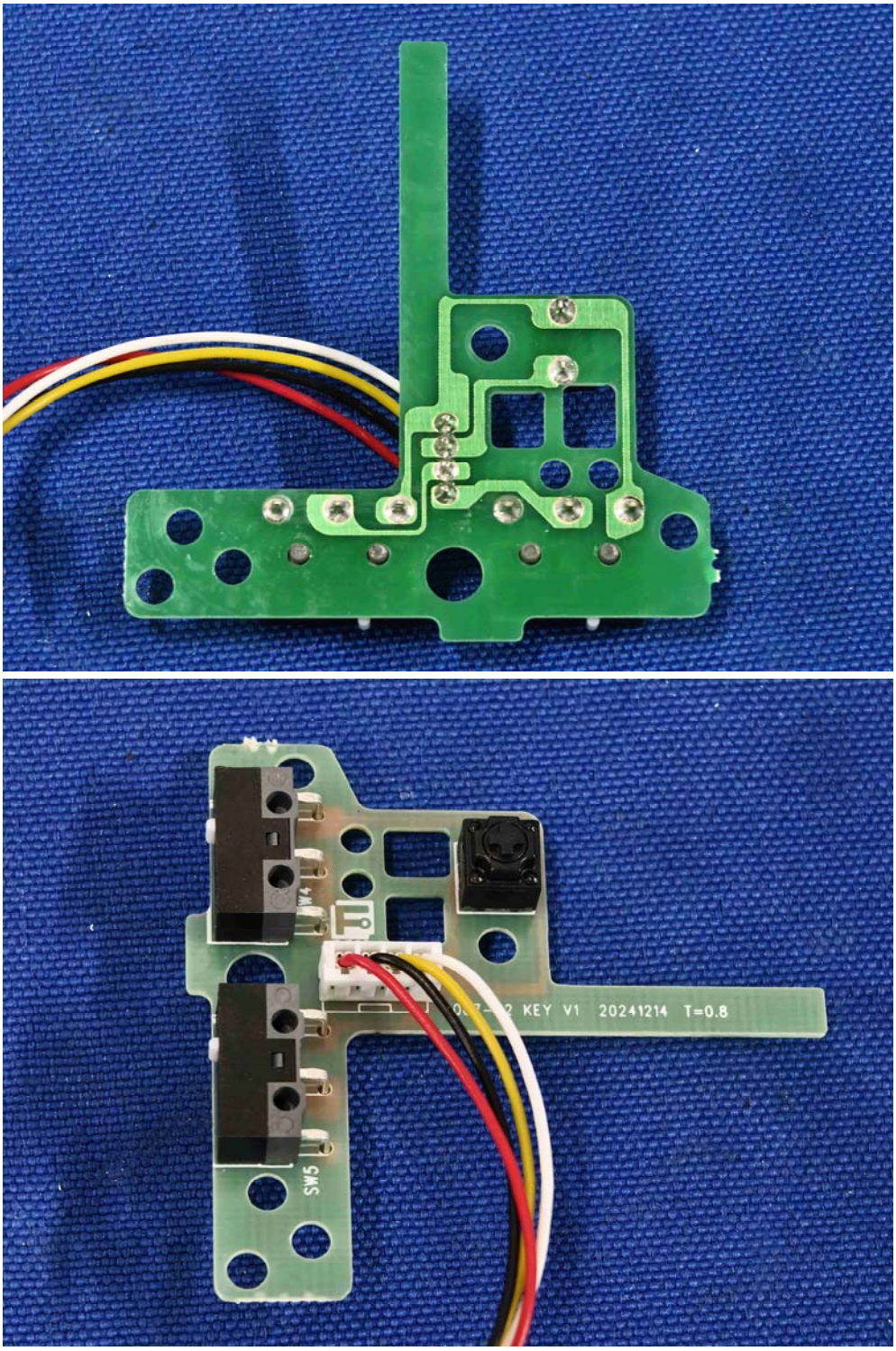
Inside View





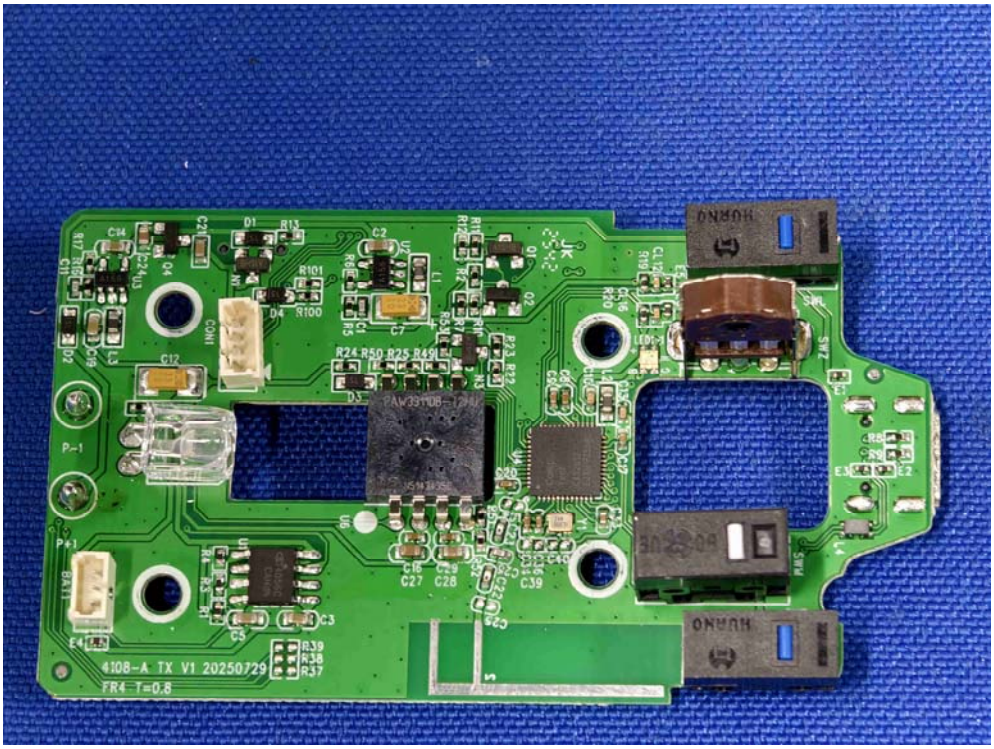
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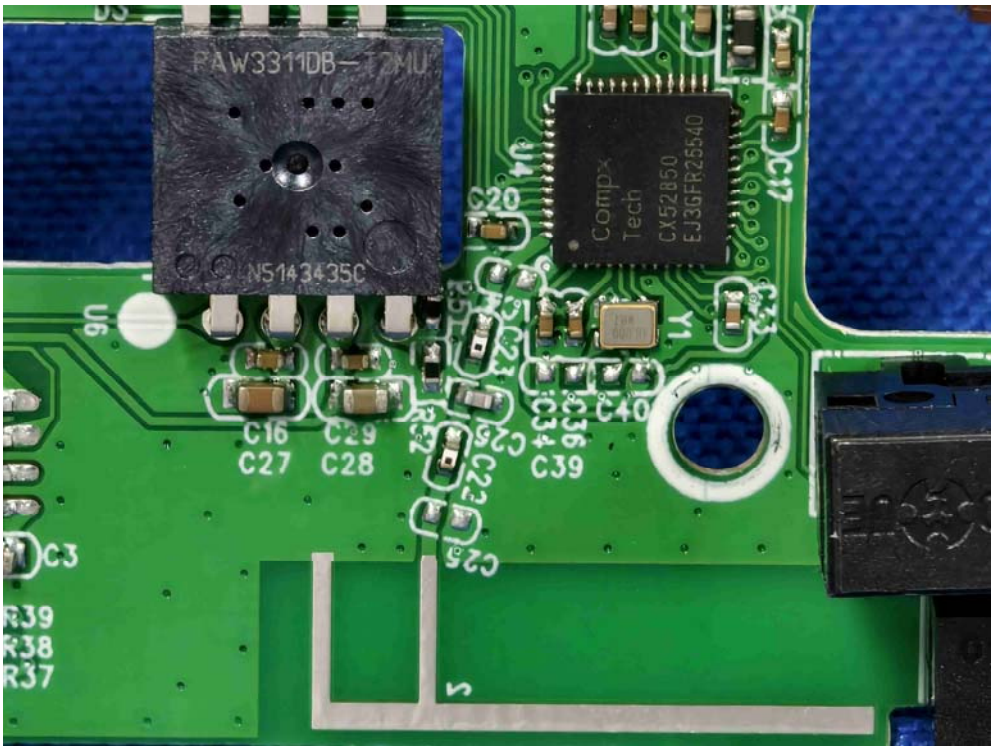
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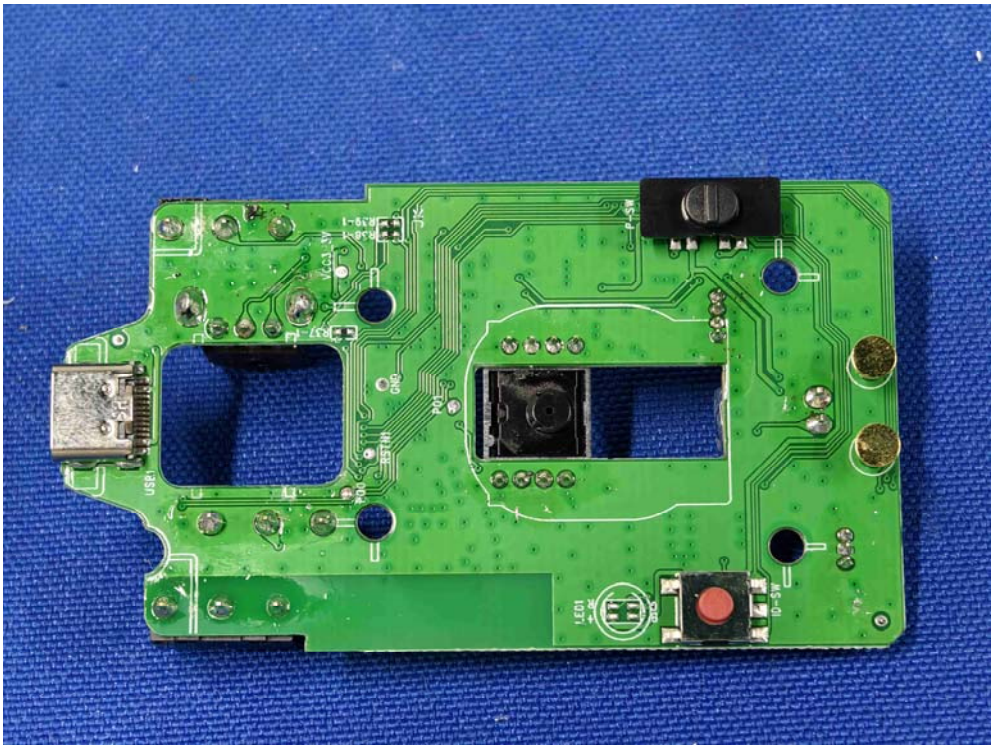
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Outside View-Dongle





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Outside View-Dongle





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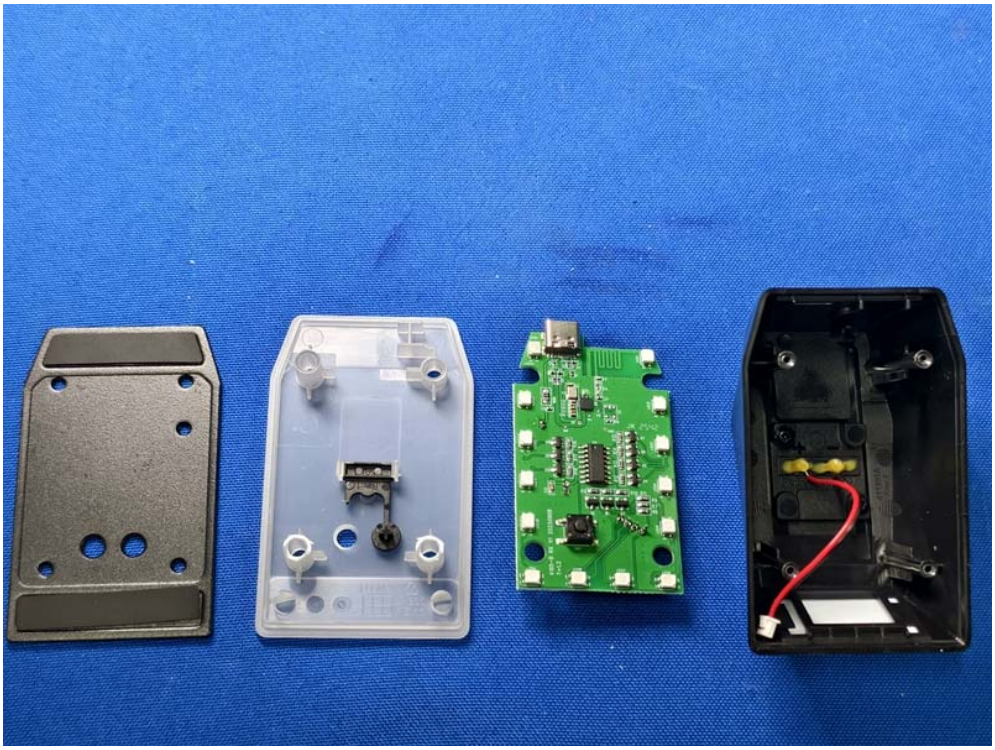
Outside View-Dongle

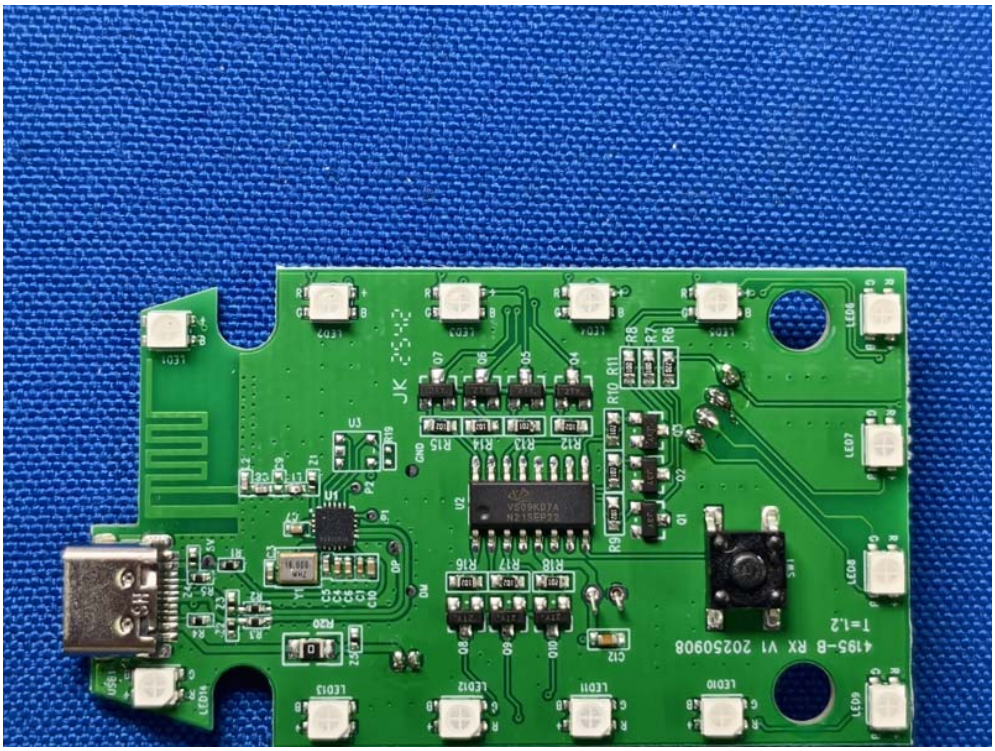




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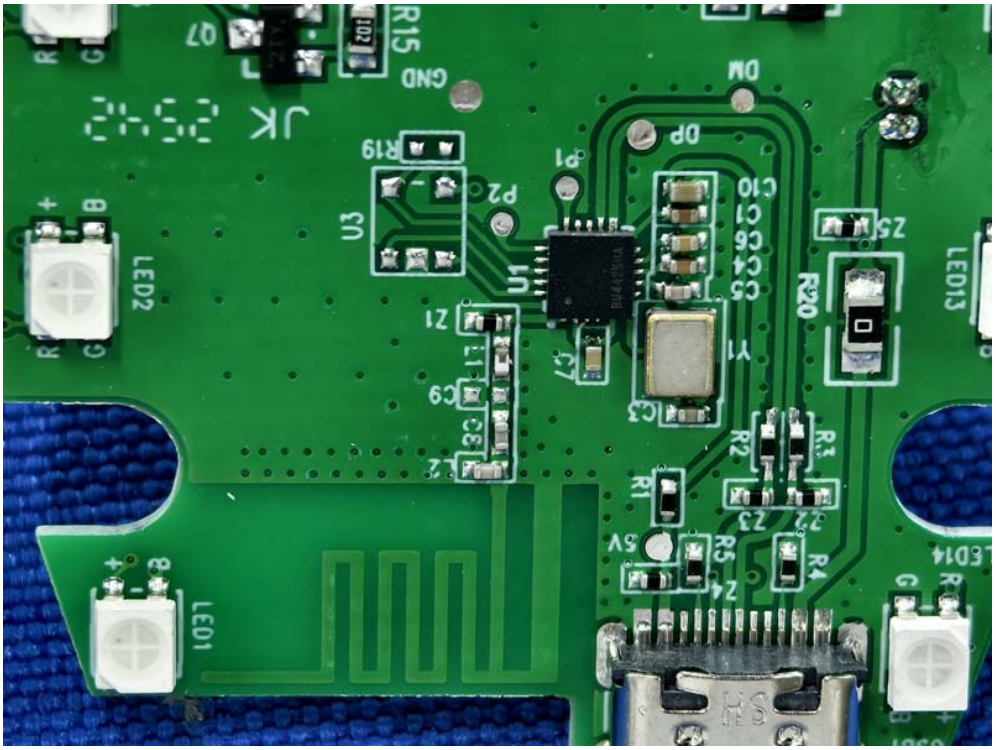
Inside View-Dongle

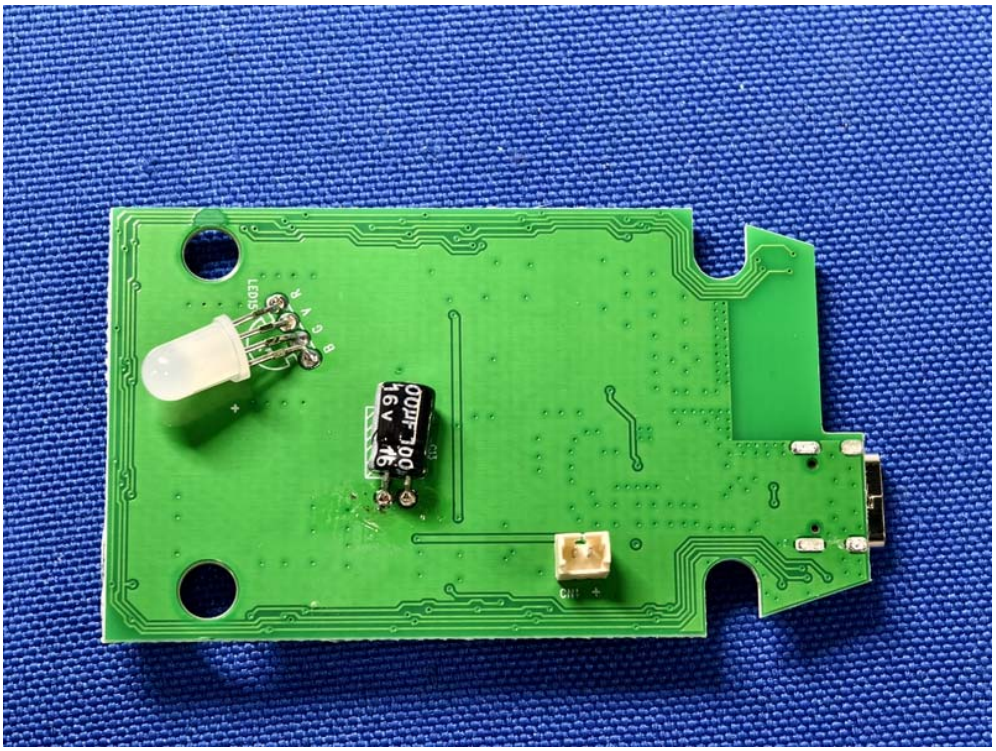




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Inside View-Dongle





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6.0	Test Equipment				
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2025-07-11	2026-07-10
TWO Line-V-NETW	R&S	EZH3-Z5	100294	2025-07-11	2026-07-10
TWO Line-V-NETW	R&S	EZH3-Z5	100253	2025-07-11	2026-07-10
Ultra Broadband ANT	R&S	HL562	100157	2025-07-11	2026-07-10
ESVB Test Receiver	R&S	ESVB	826156/011	2025-07-11	2026-07-10
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2025-07-11	2026-07-10
5K VA AC Power Source	California Instruments	5001iX	56060	2025-07-11	2026-07-10
CDN	EM TEST	CDN M2/M3	-	2025-07-11	2026-07-10
Attenuation	EM TEST	ATT6/75	-	2025-07-11	2026-07-10
Resistance	EM TEST	R100	-	2025-07-11	2026-07-10
Electromagnetic Injection Clamp	LITTHI	EM101	35708	2025-07-11	2026-07-10
Inductive Components	EM TEST	MC2630	-	2025-07-11	2026-07-10
Antenna	EM TEST	MS100	-	2025-07-11	2026-07-10
Signal Generator	R&S	SMT03	100029	2025-07-11	2026-07-10
Power Amplifier	AR	150W1000	300999	2025-07-11	2026-07-10
Field probe	Holaday	HI-6005	105152	2025-07-11	2026-07-10
Bilog Antenna	Chase	CBL6111C	2576	2025-07-17	2028-07-16
Loop Antenna	EMCO	6507	00078608	2025-07-17	2028-07-16
Test Receiver	R&S	ESI26	838786/013	2025-07-11	2026-07-10
966 Chamber	YIHENG	--	N/A	2025-07-11	2028-07-10
Vector Signal Generator	AGILENT	E4438C	MY49070163	2025-01-10	2026-01-09
Splitter	Mini-Circuits	ZAP-50W	NN256400424	2025-01-10	2026-01-09
Directional Coupler	AGILENT	87300C	MY44300299	2025-01-10	2026-01-09
vector Signal Generator	AGILENT	E4438C	US44271917	2025-01-10	2026-01-09
4 Ch.Simultaneous Sampling 14 Bits 2 MS/s	AGILENT	U2531A	TW54063507	2025-01-10	2026-01-09
4 Ch.Simultaneous Sampling 14 Bits 2 MS/s	AGILENT	U2531A	TW54063513	2025-01-10	2026-01-09
Splitter	Mini	PS3-7	4463	2025-01-10	2026-01-09
Spectrum Analyzer	AGILENT	E7405A	US44210471	2025-01-10	2026-01-09
Attenuator	Resnet	20dB	(n.a)	2025-01-10	2026-01-09

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Signal Analyzer	AGILENT	N9010A	MY48030494	2025-01-10	2026-01-09
ESD Simulator	NoiseKen	ESS-2002	ESS06Y6394	2025-07-11	2026-07-10
Continuous Wave Simulator	EM TEST	CWS 500N	0704-05	2025-07-11	2026-07-10
Ultra Compact Simulator	EM TEST	UCS 500 M4	0304-42	2025-07-11	2026-07-10
Pre-Amplifier	HP	8447B	--	2025-07-11	2026-07-10
Horn Antenna	SchwarzBeck	BBHA9120D	01919	2025-07-11	2026-07-10
BiConiLog Antenna	SchwarzBeck	9163	1139	2025-07-11	2026-07-10
Pre-Amplifier	SchwarzBeck	BBV 9743	#218	2025-07-11	2026-07-10

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7.0 Measurement Uncertainty

Test Item	Uncertainty
Radio frequency	±1 x 10^{-7}
RF power, conducted	±2.5dB
Radiated emission of transmitter, valid to 26,5 GHz	±6dB
Radiated emission of transmitter, valid between 26,5 GHz and 66 GHz	±8dB
Radiated emission of receiver, valid to 26,5 GHz	±6dB
Radiated emission of receiver, valid between 26,5 GHz and 66 GHz	±8dB
RF level uncertainty for a given BER	±1.5dB
Occupied Bandwidth	±10%
Temperature	±2.5℃
Humidity	±5%
Voltage (DC)	±1%
Voltage (AC, < 10 kHz)	±2%

End of the Report

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