

FCC Test Report

Report No.: AGC00806190101FE03

FCC ID : ZJEST-341

APPLICATION PURPOSE: Original Equipment

PRODUCT DESIGNATION: Wireless Mouse

BRAND NAME: iHome

MODEL NAME

IH-M2050PAN, IH-M2050PAE, IH-M2050PAU,

IH-M2050PAP, IH-M2050PAG

CLIENT: Shenzhen Star Sources Electronic Technology Co., Ltd.

DATE OF ISSUE : Apr. 10, 2019

STANDARD(S)

TEST PROCEDURE(S)

: FCC Part 15 Rules

REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

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REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0		Apr. 10, 2019	Valid	Initial Release

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1. VERIFICATION OF CONFORMITY

Applicant	Shenzhen Star Sources Electronic Technology Co., Ltd.			
Address	Room 1102, Block 1 st, Yi Luan Building, Xixiang Road 230, BaoAn District, Shenzhen, China			
Manufacturer	Star Technology Industrial Co., Ltd			
Address	Room 1102, Block 1 st, Yi Luan Building, Xixiang Road 230, BaoAn District, Shenzhen, China			
Factory	Star Technology Industrial Co., Ltd			
Address	Room 1102, Block 1 st, Yi Luan Building, Xixiang Road 230, BaoAn District, Shenzhen, China			
Product Designation	Wireless Mouse			
Brand Name	iHome			
Test Model	IH-M2050PAN			
Series Model	IH-M2050PAE, IH-M2050PAU, IH-M2050PAP, IH-M2050PAG			
Difference Description	All the same except for the model name and color of appearance (IH-M2050PAE for green, IH-M2050PAU for purple, IH-M2050PAP for pink, IH-M2050PAG for black)			
Date of test	Apr. 02, 2019 to Apr. 10, 2019			
Deviation	None			
Condition of Test Sample	Normal			
Test Result	Pass			
Report Template	AGCRT-US-BR/RF			

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rules Part 15.249.



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2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

A major technical description of Lo	of is described as following
Operation Frequency	2.405 GHz to 2.475GHz
Maximum field strength	82.24dBuV/m(Average)@3m
Modulation	GFSK
Number of channels	6 6
Antenna Gain	0dBi
Antenna Designation	PCB Antenna (Met 15.203 Antenna requirement)
Hardware Version	HYXWK811-SOP16 B2
Software Version	V1.0
Power Supply	DC1.5V by Battery

2.2. TABLE OF CARRIER FREQUENCY

Frequency Band	Channel Number	Frequency
-C ************************************	1	2405MHz
CO III	12	2417MHz
2400 2402 5MUZ	3	2451MHz
2400~2483.5MHZ	4	2457MHz
NGO P	The transfer of the state of th	2469MHz
The state of the s	6 Administration	2475MHz

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3. MEASUREMENT UNCERTAINTY

The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in measurement" (GUM) published by CISPR and ANSI.

- Uncertainty of Conducted Emission, Uc = ±3.2 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±3.9 dB
- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.8 dB

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4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPT	ION	
K 1 - The	Low channel GFSK	- CO	NG.
2	Middle channel GFSK	(The state of the s
3	High channel GFSK	The Communication of the Commu	(i) Market and Calabat Co

Note:

- 1. All the test modes can be supply by battery, only the result of the worst case was recorded in the report, if no other cases.
- 2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.

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5. SYSTEM TEST CONFIGURATION 5.1. CONFIGURATION OF EUT SYSTEM

EUT
EUT

5.2 EQUIPMENT USED IN TESTED SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1 ⊗	Wireless Mouse	IH-M2050PAN	ZJEST-341	EUT

5.3. SUMMARY OF TEST RESULTS

	- All COIT	
FCC RULES	DESCRIPTION OF TEST	RESULT
§15.249&15.209	Radiated Emission	Compliant
§15.249	Band Edges	Compliant
§15.215	20dB bandwidth	Compliant
§15.207	Conducted Emission	N/A

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6. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd		
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China		
Designation Number	CN1259		
FCC Test Firm Registration Number	975832		
A2LA Cert. No.	5054.02		
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA		

TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Jun. 12, 2018	Jun. 11, 2019
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 20, 2018	Dec. 19, 2019
2.4GHz Fliter	Micro-tronics	087	N/A	Jun. 12, 2018	Jun. 11, 2019
Attenuator	Weinachel Corp	58-30-33	N/A	Jun. 12, 2018	Jun. 11, 2019
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep. 21, 2017	Sep. 20, 2020
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	Jun. 14, 2018	Jun. 13, 2020
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May. 26, 2018	May. 25, 2020
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Oct. 25, 2018	Oct. 24, 2019
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep. 28, 2017	Sep. 27, 2019

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7. RADIATED EMISSION

7.1TEST LIMIT

Standard FCC15.249

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of Harmonics (microvolts/meter)
900-928MHz	50	500
2400-2483.5MHz	50	500
5725-5875MHz	50	500
24.0-24.25GHz	250	2500

Standard FCC 15.209

Frequency	Distance	Field Strengths Limit			
(MHz)	Meters	μ V/m	dB(μV)/m		
0.009 ~ 0.490	300	2400/F(kHz)			
0.490 ~ 1.705	30	24000/F(kHz)	<u></u>		
1.705 ~ 30	30	30	The same of the sa		
30 ~ 88	3	100	40.0		
88 ~ 216	3 of Second Coll	150	43.5		
216 ~ 960	3 - 0	200	46.0		
960 ~ 1000	3	500	54.0		
Above 1000	3	Other:74.0 dB(µV)/m	(Peak) 54.0 dB(µV)/m (Average)		

Remark:

- (1) Emission level dB μ V = 20 log Emission level μ V/m
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

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7.2. MEASUREMENT PROCEDURE

- The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use minimum resolution bandwidth of 1 MHz. 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.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.

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The following table is the setting of spectrum analyzer and receiver.

	Spectrum Parameter	Setting
The Table of the State of the S	Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
(Slopal Co	Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
GC **	Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP
	THE STATE OF THE S	1GHz~26.5GHz
下	Start ~Stop Frequency	RBW 3MHz/ VBW 10MHz for Peak,
8) ## Jastation of Gib	® # Hilling of Con.	RBW 3MHz/10Hz for Average

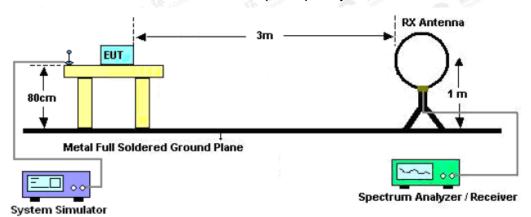
Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP

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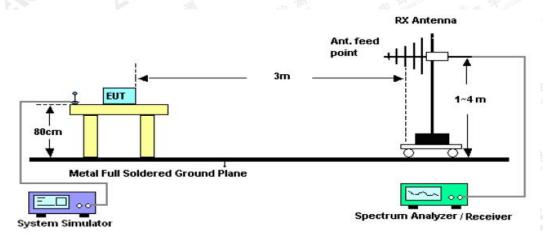


7.3. TEST SETUP

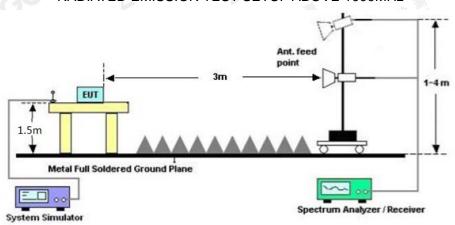
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



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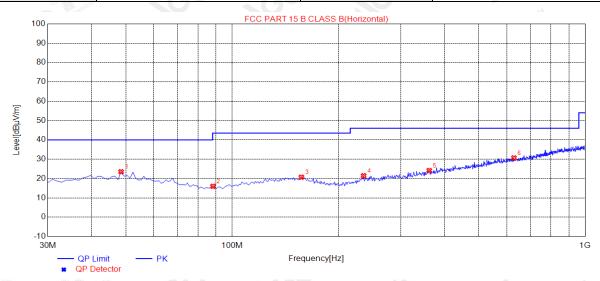
7.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

No emission found between lowest internal used/generated frequencies to 30MHz.

RADIATED EMISSION 30MHz-1GHZ

EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 1	Polarization:	Horizontal



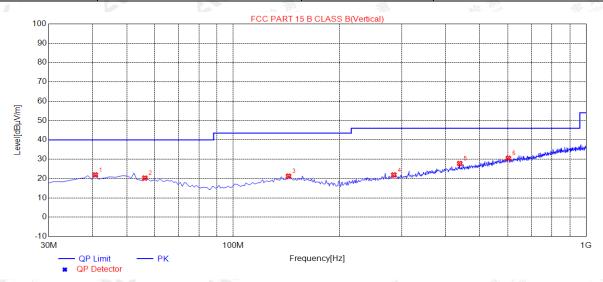
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	48.4300	23.51	14.71	40.00	16.49	100	10	Horizontal
2	88.2000	15.98	10.24	43.50	27.52	100	10	Horizontal
3	157.0700	20.68	14.93	43.50	22.82	150	180	Horizontal
4	235.6400	21.44	14.48	46.00	24.56	100	50	Horizontal
5	361.7400	24.15	18.30	46.00	21.85	150	200	Horizontal
6	628.4900	30.68	24.83	46.00	15.32	200	140	Horizontal

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EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 1	Polarization :	Vertical



	NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
	1	40.6700	21.91	14.91	40.00	18.09	150	30	Vertical
(%)	2	56.1900	20.24	14.20	40.00	19.76	200	160	Vertical
	3	143.4900	21.25	14.88	43.50	22.25	100	140	Vertical
	4	285.1100	21.89	16.24	46.00	24.11	200	60	Vertical
TII)	5	438.3700	27.76	20.71	46.00	18.24	150	90	Vertical
91.	6	602.3000	30.50	24.36	46.00	15.50	100	10	Vertical

RESULT: PASS

Note:

Factor=Antenna Factor + Cable loss, Margin=Result-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

The mode 1 is the worst case, and only the data of the worst case recorded in this test report.

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FIELD STRENGTH OF FUNDAMENTAL

EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Modulation :	GFSK	Polarization:	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2405.031	94.15	-9.61	84.54	114.00	-29.46	peak
2405.031	89.75	-9.61	80.14	94.00	-13.86	AVG
2451.031	94.85	-9.61	85.24	114.00	-28.76	peak
2451.031	91.05	-9.61	81.44	94.00	-12.56	AVG
2475.031	96.39	-9.61	86.78	114.00	-27.22	peak
2475.031	91.85	-9.61	82.24	94.00	-11.76	AVG
Remark:	-ail	IN Thompiance	The Compliant	® ##Estation of Co	Altestation	

EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Modulation :	GFSK	Polarization:	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
2405.031	93.65	-9.61	84.04	114.00	-29.96	peak
2405.031	88.56	-9.61	78.95	94.00	-15.05	AVG
2451.031	94.13	-9.61	84.52	114.00	-29.48	peak
2451.031	89.73	-9.61	80.12	94.00	-13.88	AVG
2475.031	95.83	-9.61	86.22	114.00	-27.78	peak
2475.031	91.46	-9.61	81.85	94.00	-12.15	AVG
Remark:		- Till	TILL)	The Compliant	F Mod Com	

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RADIATED EMISSION ABOVE 1GHZ

EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 1	Polarization:	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Type
4810.062	50.36	3.76	54.12	74.00	-19.88	peak
4810.062	46.49	3.76	50.25	54.00	-3.75	AVG
7215.093	43.97	8.17	52.14	74.00	-21.86	peak
7215.093	40.30	8.17	48.47	54.00	-5.53	AVG
Remark:	C.C. Alles	60			LITE:	Mile Sale
actor = Ar	ntenna Factor + C	able Loss -	Pre-amplifier.	Æ.	Compliance	Elepal Compile

mplio 3.		
EUT:	Wireless Mouse	Model Name. : IH-M2050PAN
Temperature :	20 ℃	Relative Humidtity: 48%
Pressure :	1010 hPa	Test Voltage : DC1.5V
Test Mode :	Mode 1	Polarization : Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
4810.062	49.68	3.76	53.44	74.00	-20.56	peak
4810.062	45.76	3.76	49.52	54.00	-4.48	AVG
7215.093	43.71	8.17	51.88	74.00	-22.12	peak
7215.093	39.95	8.17	48.12	54.00	-5.88	AVG
Remark:	The Compliance	F. Global Compile	® Atalian of Gib	Attestation	100	
Factor = Ar	tenna Factor + (Cable Loss – I	Pre-amplifier.	60		

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10510			The Court of the C
EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 2	Polarization:	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
4902.062	50.49	3.78	54.27	74.00	-19.73	peak
4902.062	46.50	3.78	50.28	54.00	-3.72	AVG
7353.093	42.21	8.23	50.44	74.00	-23.56	peak
7353.093	37.40	8.23	45.63	54.00	-8.37	AVG

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 2	Polarization:	Vertical

	C - See HOLL				P.	117
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Type
4902.062	49.36	3.78	53.14	74.00	-20.86	peak
4902.062	45.86	3.78	49.64	54.00	-4.36	AVG
7353.093	41.89	8.23	50.12	74.00	-23.88	peak
7353.093	37.72	8.23	45.95	54.00	-8.05	AVG
Remark:	A June	TK Kingliano	o F F NGO	® Mary and G		P

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

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EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature :	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 3	Polarization:	Horizontal

			The state of the s	Will manife	a compri	D Age MION
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
4950.062	51.33	3.81	55.14	74.00	-18.86	peak
4950.062	46.58	3.81	50.39	54.00	-3.61	AVG
7425.093	43.87	8.27	52.14	74.00	-21.86	peak
7425.093	41.29	8.27	49.56	54.00	-4.44	AVG
Remark:	Altestation	4.G	10			lin:
Factor = Ar	ntenna Factor +	Cable Loss – I	Pre-amplifier.	- 1	E Minore	Th Compliance

3 1.00 × 1			
EUT:	Wireless Mouse	Model Name. : IH-	M2050PAN
Temperature:	20 ℃	Relative Humidtity: 489	16 Th Brighton
Pressure:	1010 hPa	Test Voltage : DC	1.5V
Test Mode :	Mode 3	Polarization: Ver	tical

GIV.	(C) ASSECTION OF THE PROPERTY					-11
Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Туре
4950.062	50.44	3.81	54.25	74.00	-19.75	peak
4950.062	45.81	3.81	49.62	54.00	-4.38	AVG
7425.093	43.20	8.27	51.47	74.00	-22.53	peak
7425.093	40.02	8.27	48.29	54.00	-5.71	AVG
Remark:	T Kingano	TY KINDI	ance Colclos	al Co		1
Factor = Ar	ntenna Factor + C	able Loss –	Pre-amplifier.	a.G		

Note: Other emissions from 8G to 25 GHz are considered as ambient noise. No recording in the test report. Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Measurement-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

The GFSK modulation was the worst case and only the data of worst recorded in this report.

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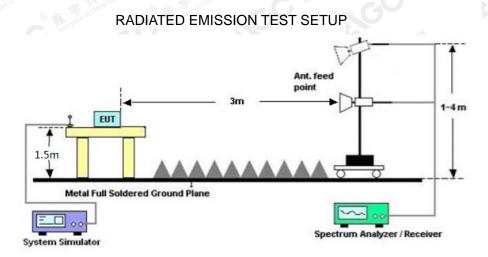
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8. BAND EDGE EMISSION

8.1. MEASUREMENT PROCEDURE

- 1. The EUT operates at transmitting mode. The operate channel is tested to verify the largest transmission and spurious emissions power at the continuous transmission mode.
- 2. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission: (a) PEAK: RBW=1MHz, VBW=3MHz / Sweep=AUTO
- (b) AVERAGE: RBW=1MHz; VBW=1/on time(1KHz) / Sweep=AUTO
- 3. Other procedures refer to clause 7.2.

8.2 TEST SETUP

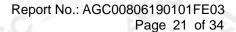


8.3 RADIATED TEST RESULT

Note:

- 1. Factor=Antenna Factor + Cable loss Amplifier gain. Field Strength=Factor + Reading level
- 2. The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB(μ V) to represent the Amplitude. Use the F dB(μ V/m) to represent the Field Strength. So A=F.

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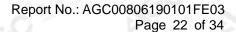


EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 1	Polarization :	Horizontal



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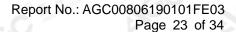




EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 1	Polarization:	Vertical



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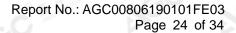


EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure:	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 3	Polarization:	Horizontal



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EUT:	Wireless Mouse	Model Name. :	IH-M2050PAN
Temperature:	20 ℃	Relative Humidtity:	48%
Pressure :	1010 hPa	Test Voltage :	DC1.5V
Test Mode :	Mode 1	Polarization :	Vertical



Note: The peak level of the emission are less than the average limit, so the average level of the emission can comply with the requirement without test.

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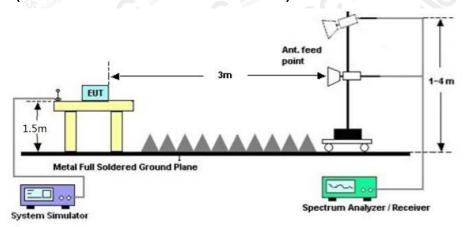
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9. 20DB BANDWIDTH

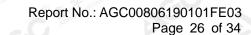
9.1. MEASUREMENT PROCEDURE

- 1. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 2. Set SPA Centre Frequency = Operation Frequency, RBW= 30 KHz, VBW≥3×RBW.
- 3. Set SPA Trace 1 Max hold, then View.

9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)



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9.3. MEASUREMENT RESULTS

TEST ITEM	20DB BANDWIDTH	(S) Afficiation of Co	(S) Altestation of Column	CG Management
TEST MODULATION	GFSK	100		G

Test Data (MHz)	Criteria	
Low Channel	2.633	PASS
Middle Channel	2.659	PASS
High Channel	2.627	PASS

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



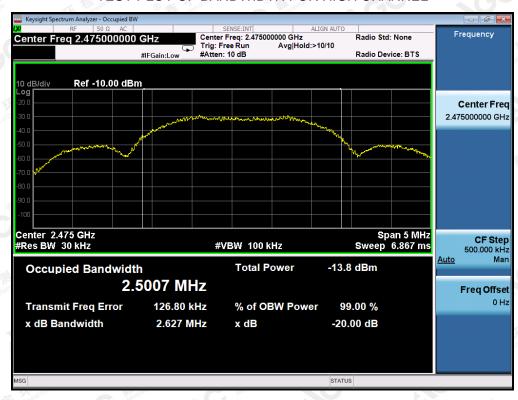
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TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

FCC RADIATED EMISSION TEST SETUP BELOW 1GHZ



FCC RADIATED EMISSION TEST SETUP ABOVE 1GHZ



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APPENDIX B: PHOTOGRAPHS OF THE EUT

ALL VIEW OF EUT



TOP VIEW OF EUT



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BOTTOM VIEW OF EUT



FRONT VIEW OF EUT



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BACK VIEW OF EUT



LEFT VIEW OF EUT



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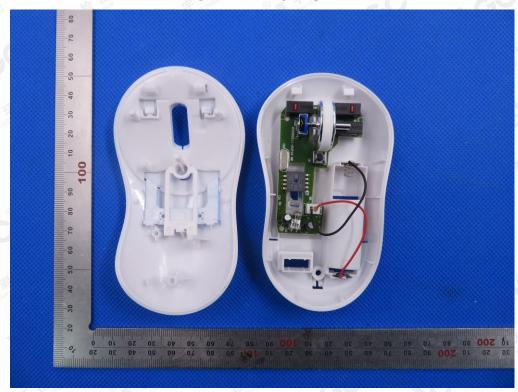
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RIGHT VIEW OF EUT



OPEN VIEW OF EUT

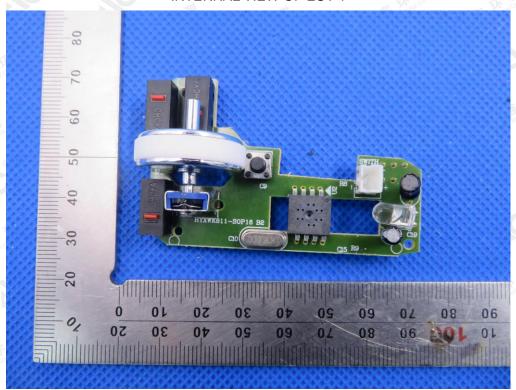


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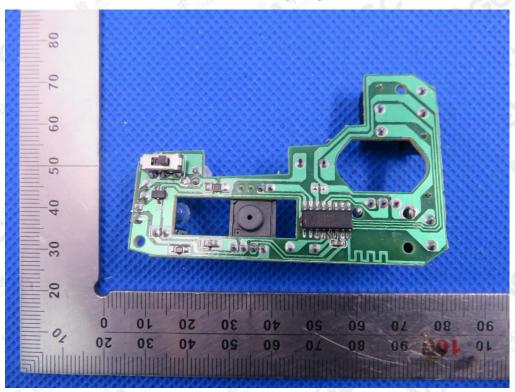
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INTERNAL VIEW OF EUT-1

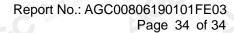


INTERNAL VIEW OF EUT-2



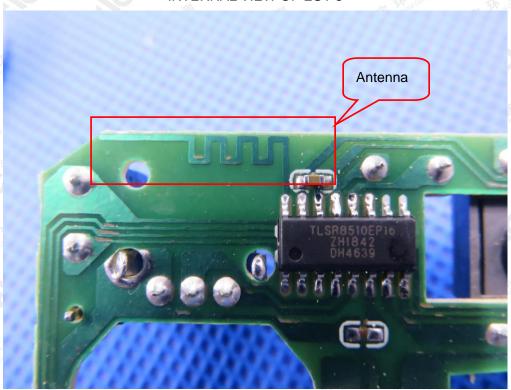
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INTERNAL VIEW OF EUT-3



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