



香港鑫恒陽股份有限公司
HongKong Xinghengyang Stock Co., Ltd.
深圳市鑫恒阳科技有限公司
ShenZhen XinHengYang Technology co., Ltd



Xin Hengyang Antenna TAST Data Report

Customer name		Hesijia	Project name	JX_PFW01
NO	Catalogue	Specifications		
1	Frequency band	2.4G		
2	Type of project	Pet feeder		
3	Terminal	Dynasty		
4	Type of feed point	CABLE		
5	Line length	L=60mm		
6	Antenna type	PIFA		
7	Antenna material	FPC+Coaxial line		
8	Remarks			
RF	Ya Peng Yao	15013659112	gc@xhy-2008.com	

Catalogue

一. Brief introduction to the dark room of the test

二. Picture of the machine

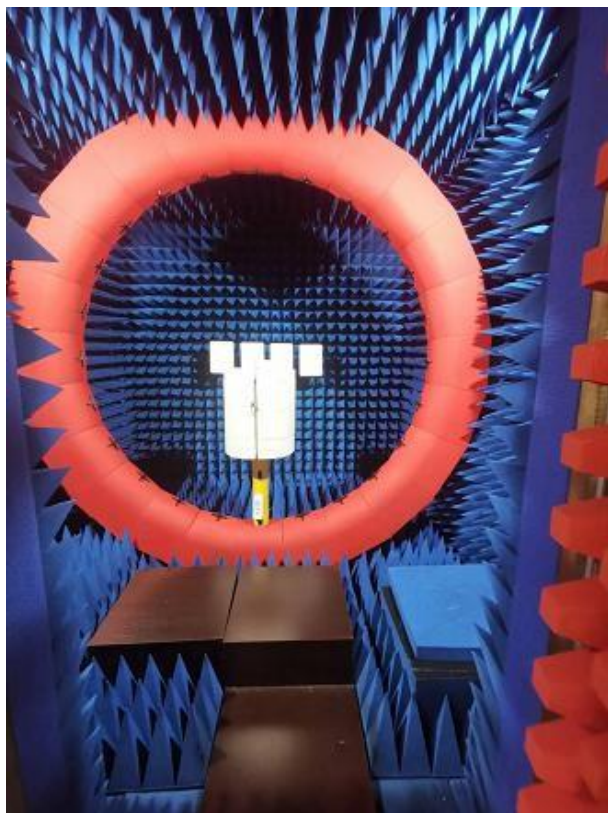
三. WIFI

1. Antenna position
2. Return Loss&VSWR
3. OTA Sourced data
4. OTA Active data

Xin Hengyang Antenna TAST Data Report

一. Brief introduction to the dark room of the test

1. Active testing: Hold out 2.3.4.5G Modal multi-mode measurement NB-IoT, eMTC, CAT-1, Bluetooth 1-5, WIFI 802.11 abgn, Measurable TRP TIS
2. Unpassed test: Testable gain, Efficiency
3. TWS Headphone test head mold Full set of heads

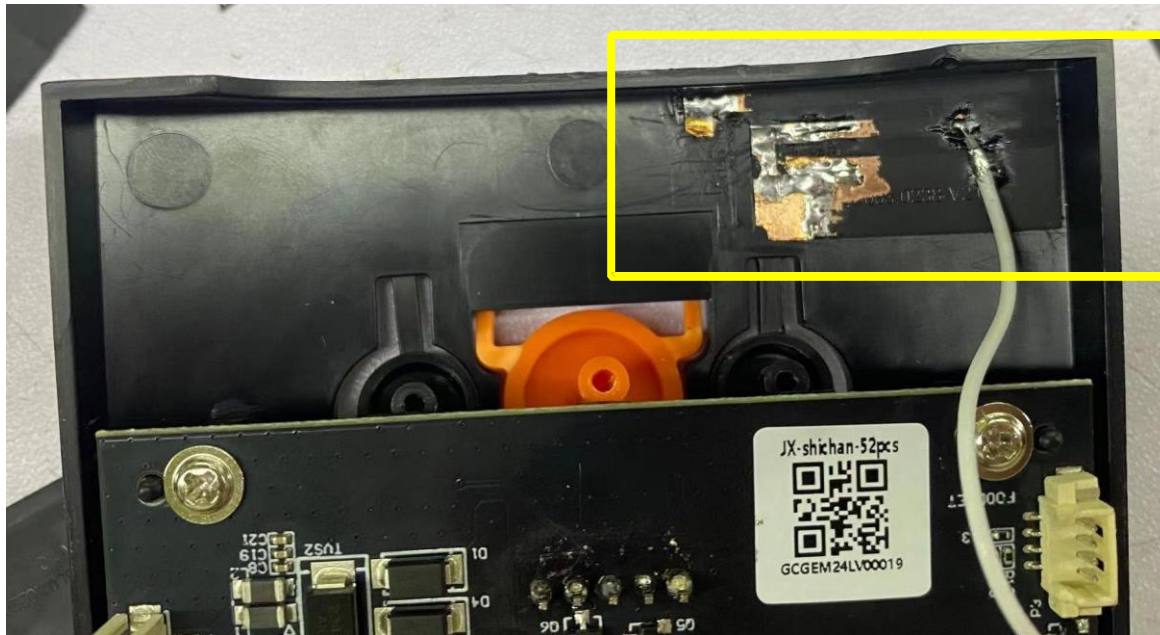


二. Picture of the machine



三. WIFI

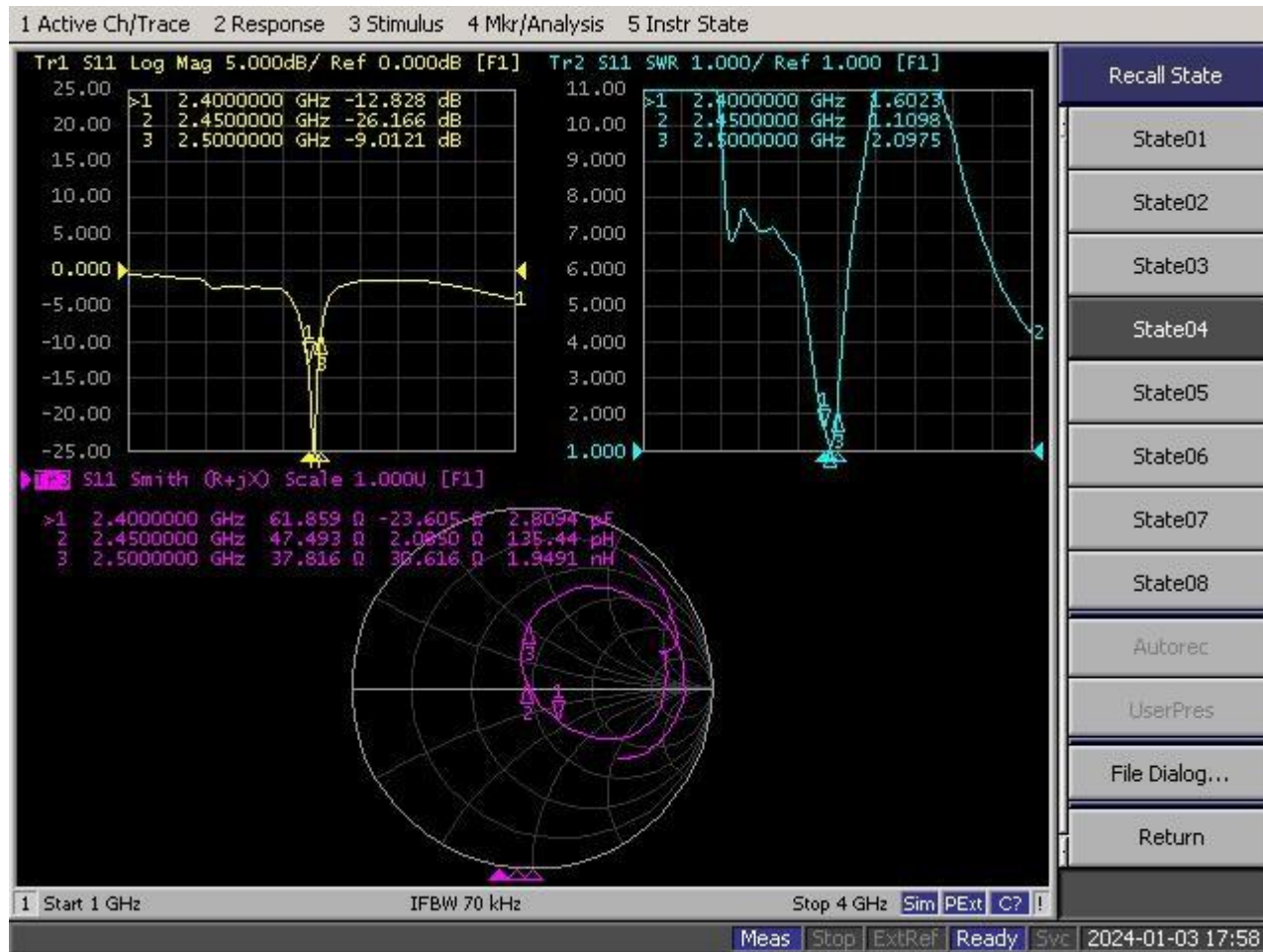
1. Antenna position



Pour: The antenna is attached to the cover as shown in the figure

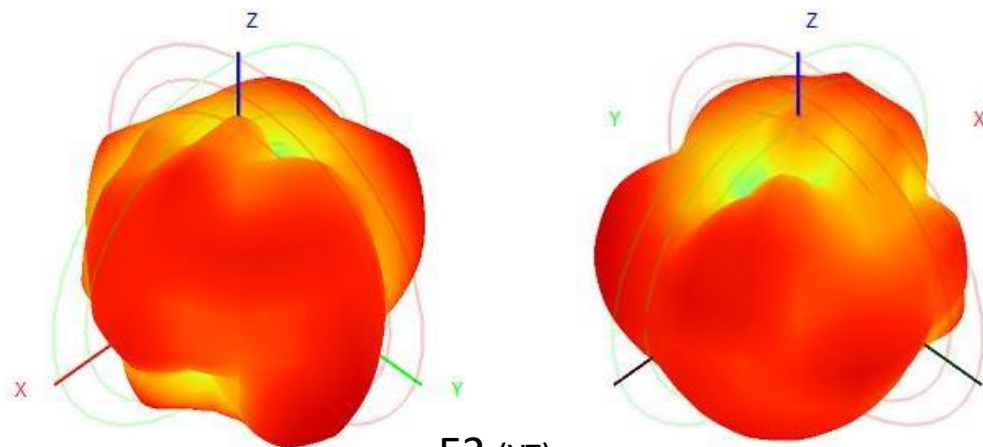
三. WIFI

2. Return Loss&VSWR



三. WIFI

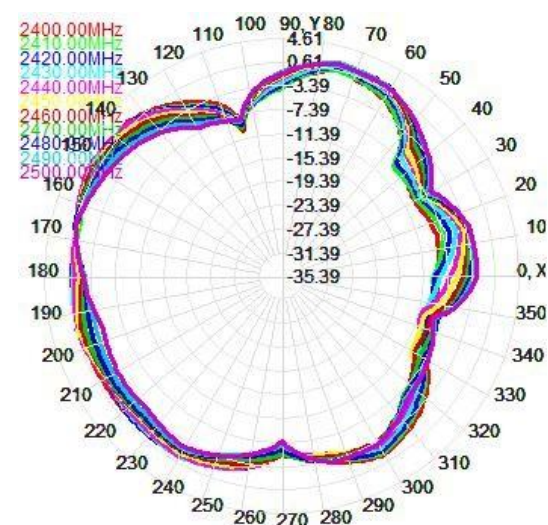
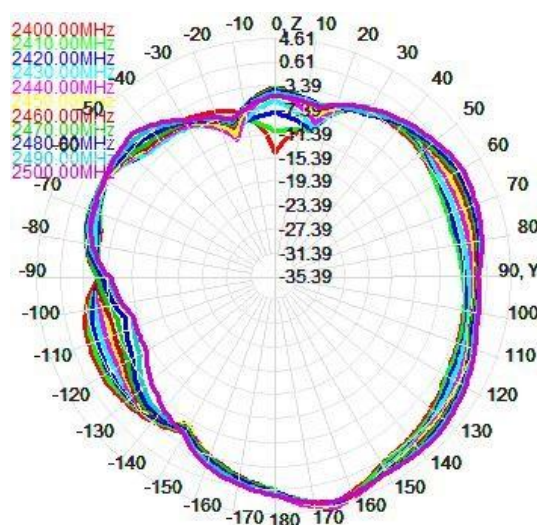
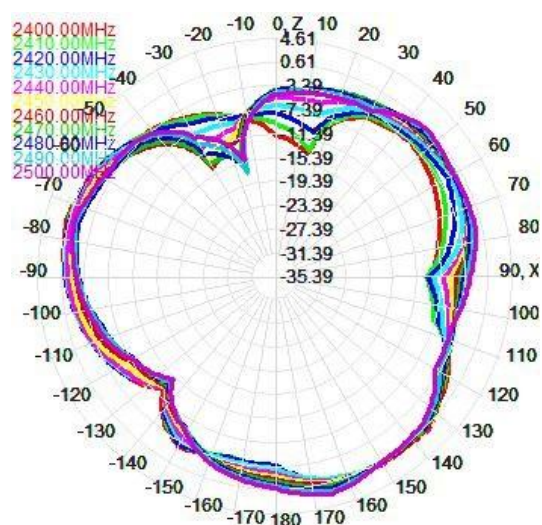
3. Sourced data- 2400-2500MHz Field diagram



E1 (xz)

E2 (yz)

H (xy)



三. WIFI

3. Sourced data -Efficiency&Maximum gain 2400-2500MHZ

Freq (MHz)	Effi (%)	Gain (dBi)
2400	55.12	3.66
2410	55.16	4.10
2420	57.71	4.54
2430	58.88	4.63
2440	61.59	4.76
2450	61.03	4.41
2460	60.89	4.16
2470	59.99	3.96
2480	59.91	3.94
2490	60.59	3.99
2500	60.66	4.05

三. WIFI

4.OTA Active data

Test Condition		Free Space	
band	Channel	TRP (dBm)	TIS (dBm)
802. 11B 11Mbps	1	15. 85	-85. 53
	6	16. 16	-84. 91
	11	16. 42	-86. 69
802. 11G 54Mbps	1	13. 37	-71. 01
	6	14. 67	-70. 79
	11	14. 89	-70. 66
802. 11N NCS7	1	12. 81	-66. 23
	6	13. 90	-65. 98
	11	15. 27	-65. 70



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Thank you

If you have any questions, Please
communicate by phone

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