

APPROVA

L SHEET

CUSTOMER:

DESCRIPTION:

2.4G2.5DB Antenna-L80mm

PART NO.:

YS030-0105

CUS PART NO.:

D A T E:

2025-8-23

Manufacturer:Shenzhen Xindaba Electronics Co.,Ltd

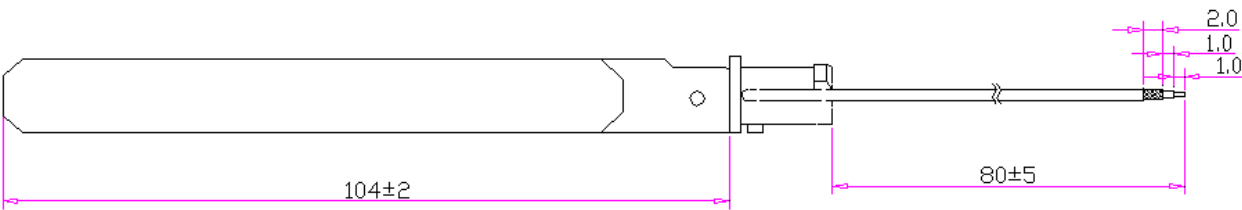
add.: No 601, B Building, Jin Yucheng Industrial, Ban Tian Street, Long Gang
District, Shenzhen City, China

Electrical Specifications	
Frequency Range	2400-6000MHZ
VSWR	≤2.0
GAIN	3.48dBi
Input Impedance	50 Ω
Mechanical Specifications	
Antenna Color	WHITE
Input connector	TIN
Cable length	80mm
Working Temperature	-40℃~+85℃
Working Humidity	20~80%

(Product picture) :



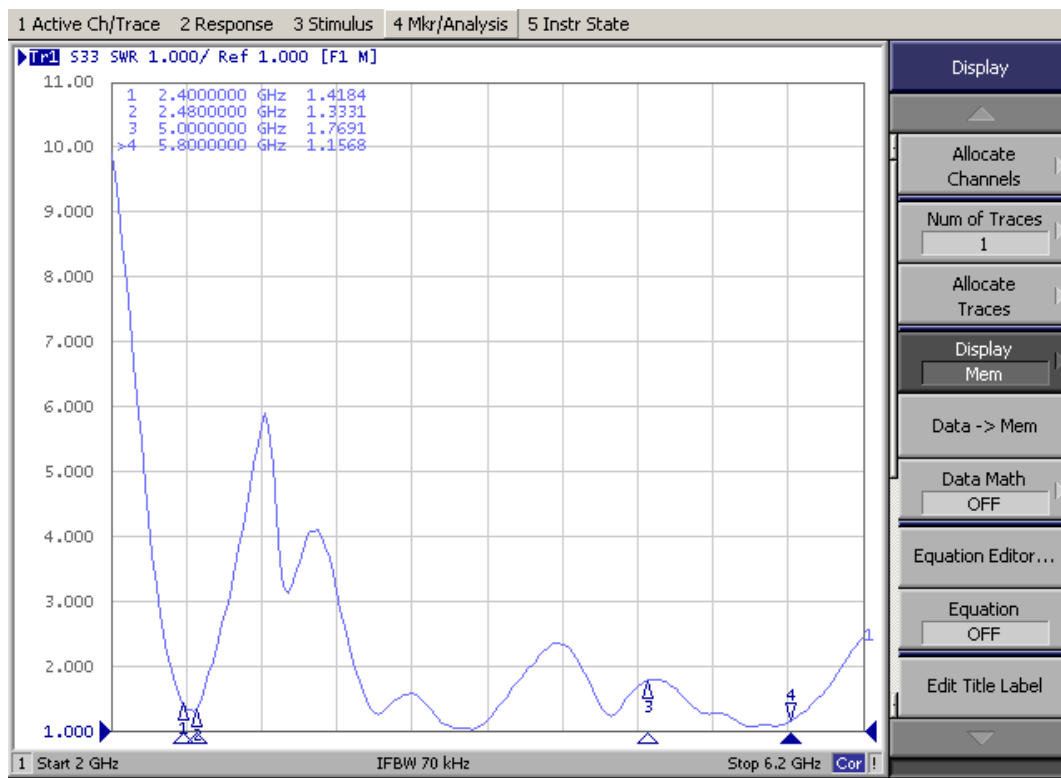
(Product Specification) :



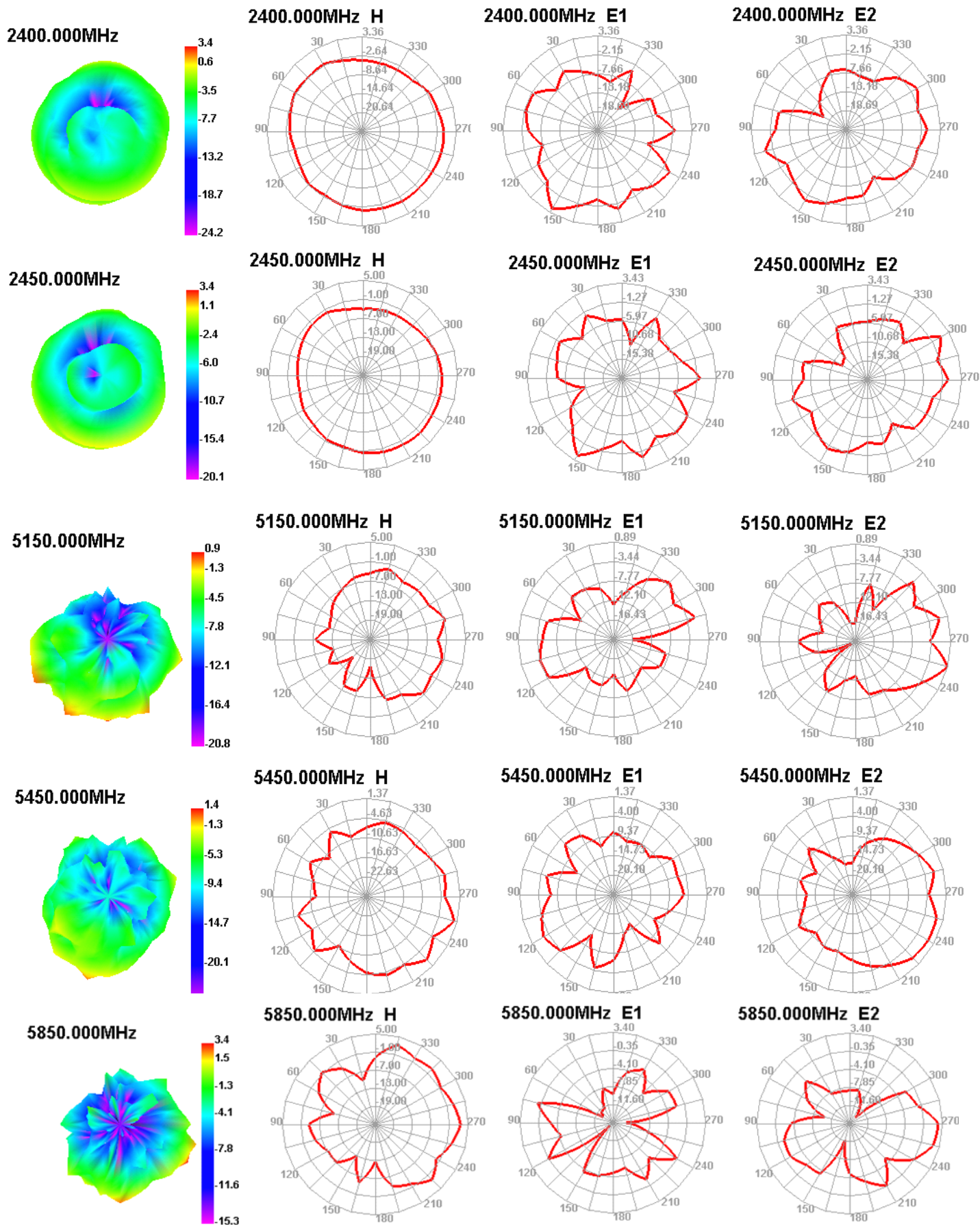
(Environmental performance test) :

ITEM	TEST CONDITION	TEST RESULT
The storage environment	In the absence of the specified circumstances test temperature, humidity, air pressure is as follows: 1 temperature is -30 °C ~ +80 °C 2 relative humidity for 45%-85% The 3 pressure is 86kpa-106kpa	Electrical and mechanical properties of normal
Thermocycling ;	5 cycles between 70 °C and 40 °C, then under normal conditions 1-2H, appearance quality inspection.	Dimensions should meet the requirements and shall satisfy In the mechanical, electrical properties
Resistance to damp heat Test	Relative humidity is $95 \pm 3\%$, test temperature: 40 °C. Continue after 2H, Test within the product after removing the 5min determination of the electrical properties, in the normal sample Under 1-2H, the appearance of quality inspection	Dimensions should meet the requirements and shall satisfy In the mechanical, electrical properties
vibration test ;	Displacement amplitude of vibration frequency range: 10-55HZ, 0.35MM, the amplitude of acceleration: 50.0M/S, sweep cycle times: 30 times	Electrical and mechanical properties of normal
fall-down test ;	1M high altitude in accordance with the perpendicular axis free fall 3	Electrical and mechanical properties of normal

(Agilent network analyzer test chart) :



(Gain-Tset):



Frequency / MHz	Efficiency / %	Gain/ dB
2400	52.66	1.73
2410	50.12	1.32
2420	49.41	1.65
2430	55.08	2.59
2440	52.6	3.05
2450	50.38	2.56
2460	51.55	2.73
2470	52.43	2.95
2480	53.11	2.05
2490	50.32	2.55
2500	51.66	2.21

Frequency / MHz	Efficiency / %	Gain/ dB
5000	50.39	1.16
5100	50.53	1.38
5200	51.52	1.25
5300	50.39	1.18
5400	56.75	2.08
5500	57.81	2.69
5600	56.36	2.88
5700	60.39	3.25
5800	63.1	3.43
5900	60.79	3.45
6000	62.11	3.48