

HUEIZHOU DONZHI ELECTRONICS CO.,LTD

Sample Confirmation Letter FOR APPROVAL

Customer Shenzhen Huayang'an Technology Co., Ltd.

Part NO. _____

Part Name Ultrasonic antenna

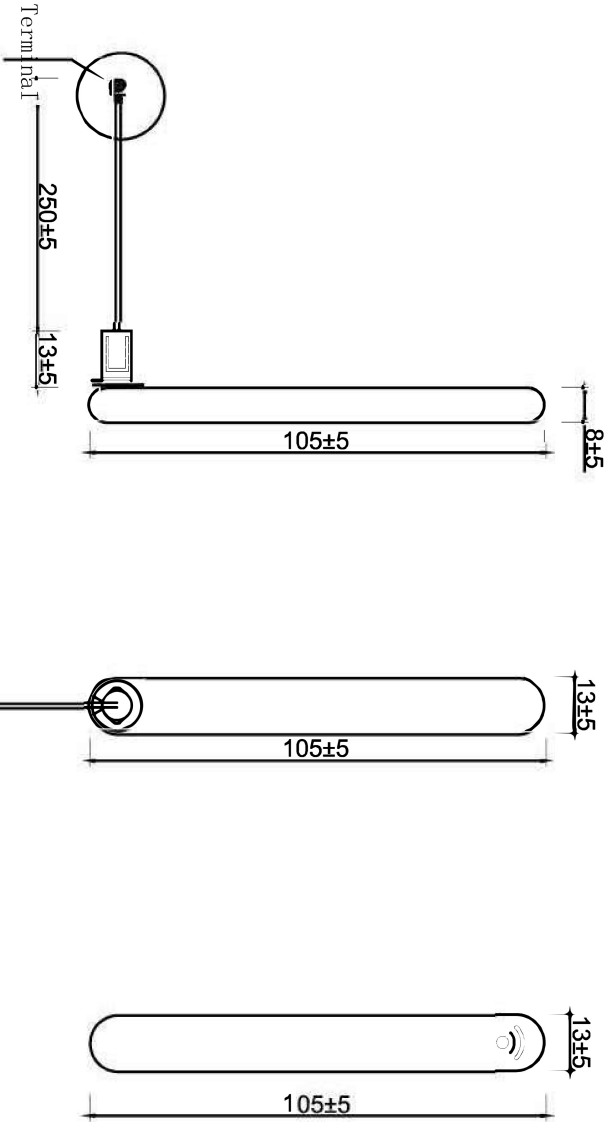
PartModels 2.4G-3DB-280MM

Manufacturer confirmation column			
Confirmation stamp	Design & Preparing	Review	Approval
	Liu Haohua		

Customer confirmation column			
Confirmation stamp	Testing	Review	Approval

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VERSION	Modified content	Date
V1.0	New release	2023/4/15



Technical requirements:

1. The plastic is intact
2. The wire cutting and ring stripping are neat
3. The pulling force is more than 3kg
4. The welding point is smooth and round

No tolerance mark		Product name	Approval	HUEIZHOU DONGZHI ELECTRONICS CO., LTD	
5		Frequency	Review	LUOGLUTIAN	
25.01~50		Impedance	Design	LIUHAOHUA	View
50.01~100		Standing-wave ratio	Version	V1.0	date
100.01~200		Gain in dB	Scale	1:1	page
200.01~300		Shell material	Path		Unit
±0.05		ABS			MM
±0.10					
±0.15					
±0.25					
±0.30					

DONZHI

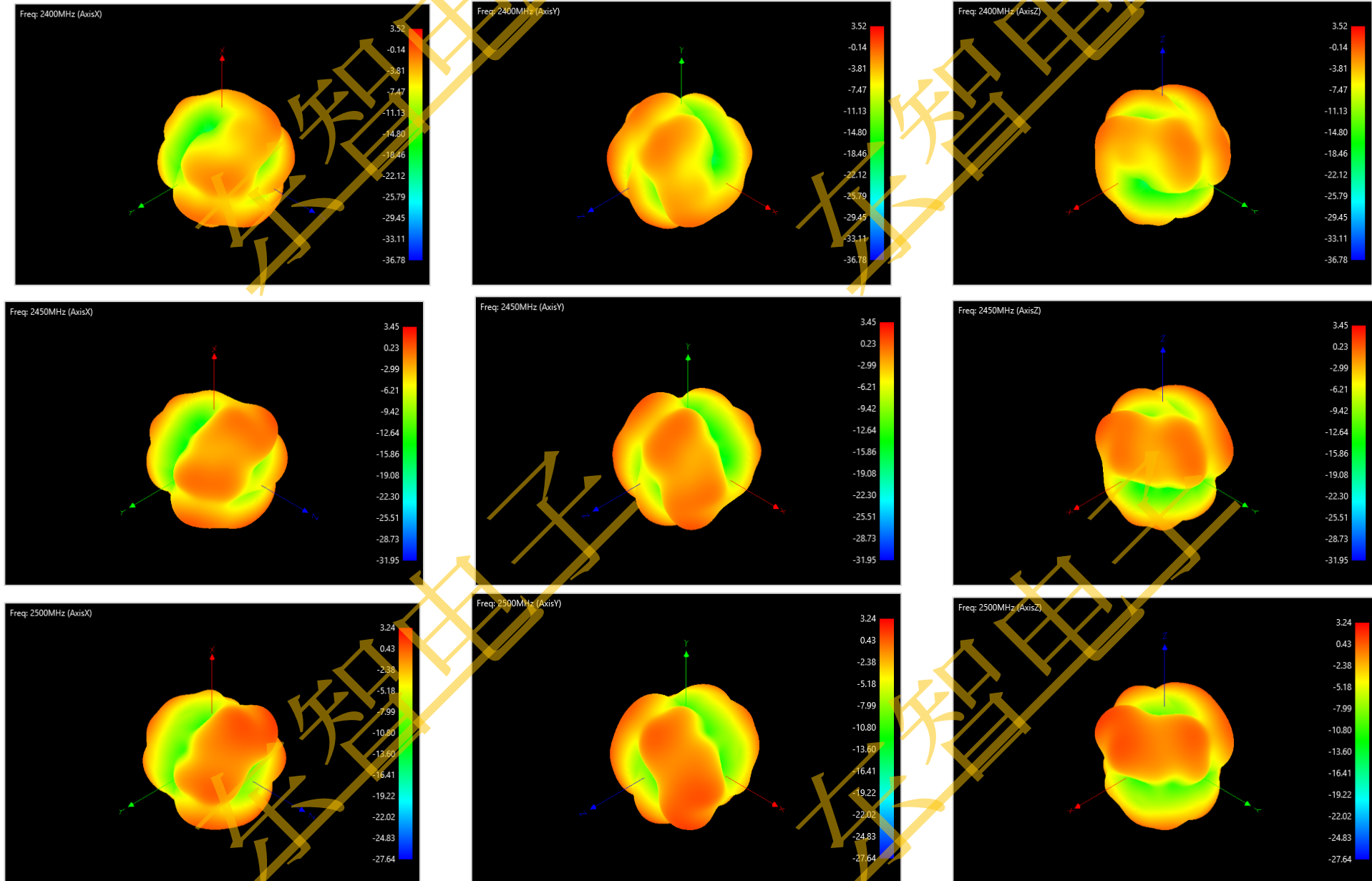
惠州市东智电子有限公司

HUEIZHOU DONZHI ELECTRONICS CO.,LTD

WiFi 天线无源测试数据

Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	3.52	-3.75	42.21
2410	3.69	-3.7	42.61
2420	3.47	-3.57	43.99
2430	3.41	-3.28	46.95
2440	3.62	-2.99	50.23
2450	3.45	-2.82	52.22
2460	3.59	-2.7	53.71
2470	3.23	-2.71	53.63
2480	3.06	-2.49	56.32
2490	3.04	-2.3	58.88
2500	3.24	-2.07	62.1

3D Drawing



HUEIZHOU DONZHI ELECTRONICS CO., LTD

1: Product parameters

Product name: 2.4G ultrasonic antenna

Mechanical performance indicators			
Size:	105*13*8mm	Wire length:	280mm
Material:	ABS	Color:	Off white
Terminal:	IPEX first generation	Operating temperature:	-20℃±85℃

Electrical performance indicators			
Frequency range:	2400~2500MHZ	Polarization mode:	Vertical
Impedance:	50 Ω	Radiation direction:	Omnidirectional
Standing wave ratio:	≤1.5	Operating voltage:	5V
Gain:	3.69DBi	Bandwidth:	100MHZ

2:Product pictures

