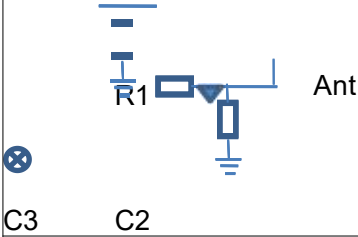


Customer	Zhongben		Project Name	WiFi Repeater	
Part Name	Wi-Fi antenna		Specification	A	
Part Number	DS-ZB-2458-Y1.1		SampleQuantity	5 PCS	
Sample type	built-in		Issue Date	2026-04-12	
Manufacturer	Shenzhen FOS Technology Co., Ltd				
Address	3rd Floor, Building 7, Da'ershan Sanlian Industrial Zone, Shiyan Subdistrict, Tangtou Community, Bao'an District, Shenzhen, China				
Prepared by		Reviewed by		Approved by	
Customer Approval	☒ Fully approved; suitable for bulk procurement. ☐ Limited recognition, limited , reason: :				
Proposal					
Product picture					

Technical drawing of a mechanical assembly, likely a pump or motor component. The drawing includes dimensions: 152 (width), 303 (height), 140 (radius), and 110 (diameter). The text "B 2A.5" is visible on the cross-section. The drawing is labeled "图 1" (Figure 1) and "图 2" (Figure 2).

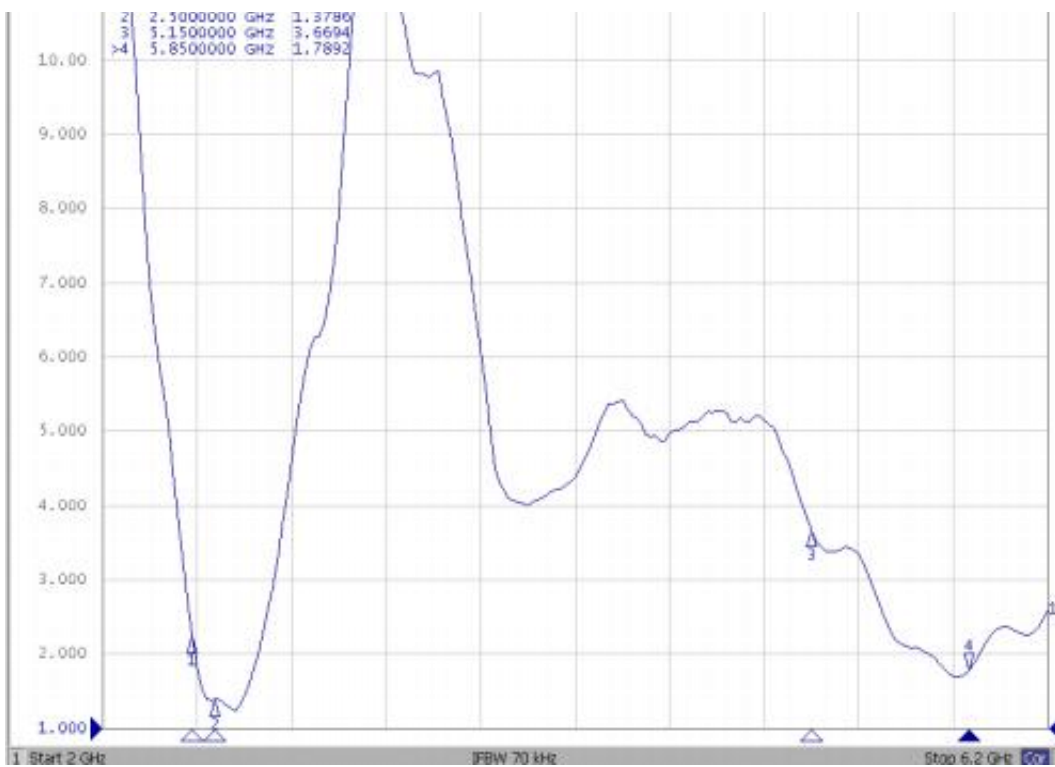
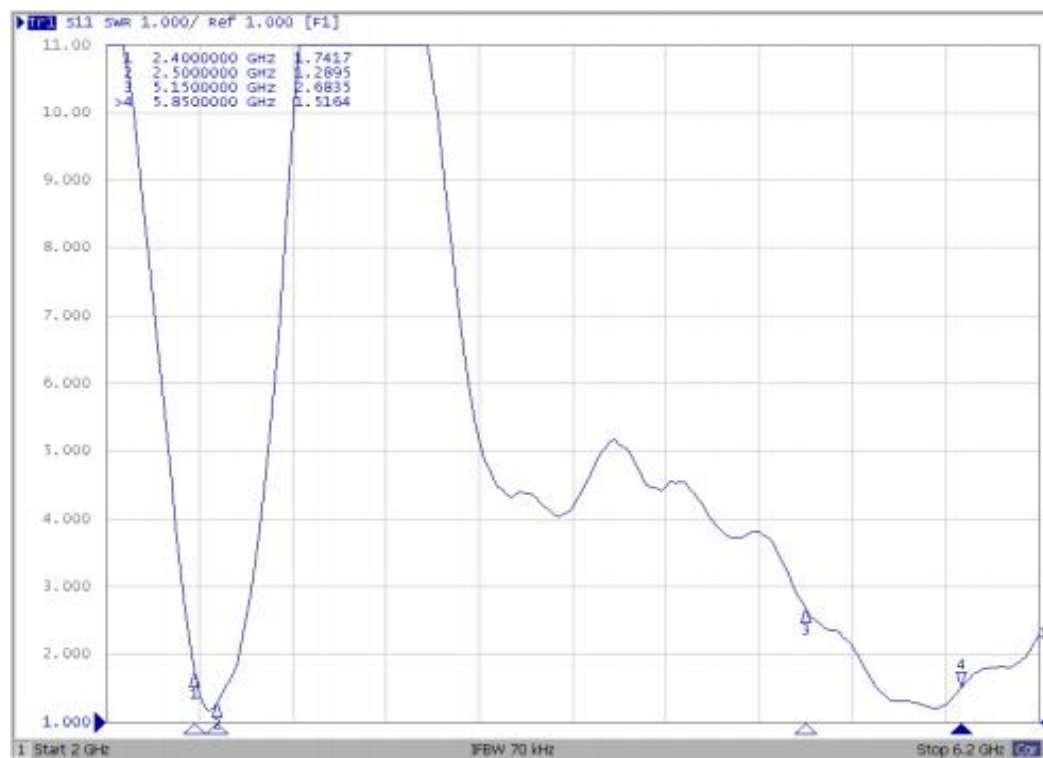
(Specification)

Frequency Range(MHz)	2400~2500
Gain(dBi)	1.0±1/3.0±1
Efficiency (%)	35/50
VSWR	≤4.0
Matching Circuit	
	R1: Unpopulated (N) C2: Unpopulated (NC) C3: Unpopulated (NC) It is recommended that the components listed above have a tolerance of 3% or better.
Operation Temperature	-25℃~75℃
Storage Temperature	-30℃~80℃

5、Radiation Report

Parameter/Gain/Efficiency)

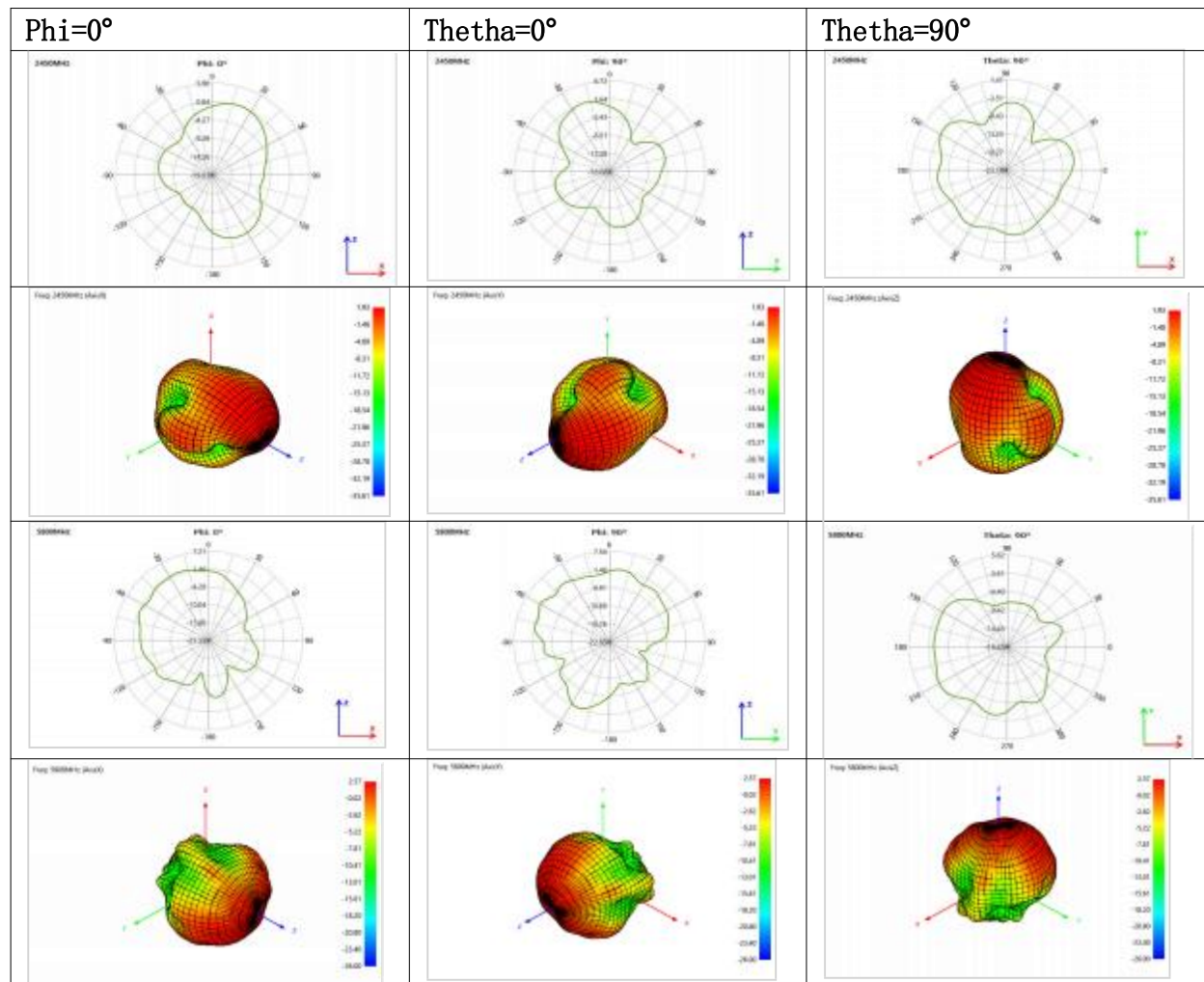
Parameter)



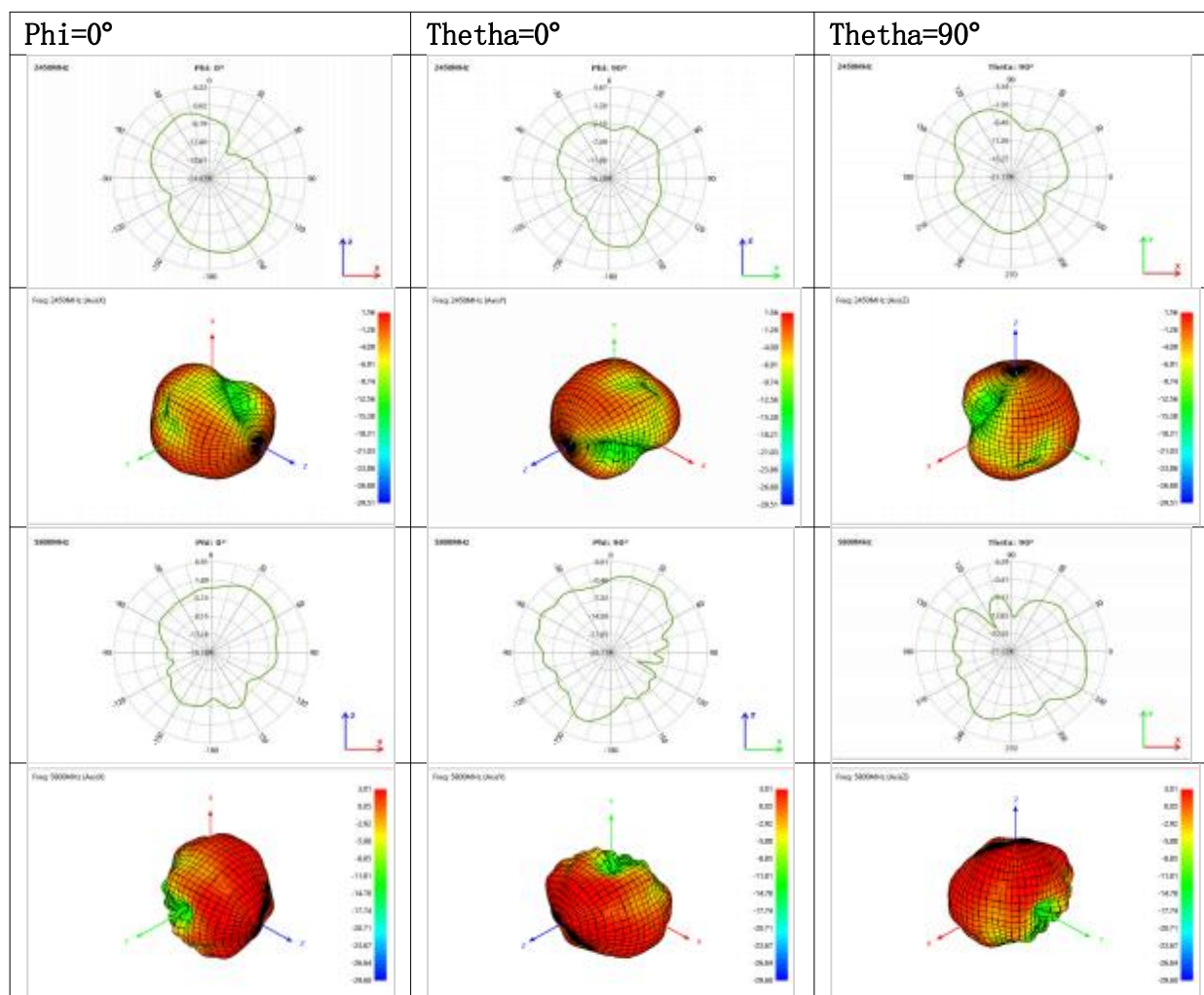
Gain/Efficiency)

ANT-1			ANT-2		
Frequency	Gain(dBi)	Efficiency (%)	Frequency	Gain(dBi)	Efficiency (%)
2400	1.70	33.44	2400	0.24	31.38
2410	1.86	34.55	2410	0.51	33.36
2420	2.07	35.94	2420	0.89	35.78
2430	2.11	36.69	2430	1.22	37.28
2440	2.05	37.54	2440	1.45	38.91
2450	1.93	37.75	2450	1.56	39.31
2460	1.83	37.70	2460	1.57	39.15
2470	1.75	38.55	2470	1.57	39.95
2480	1.55	39.66	2480	1.44	40.62
2490	1.53	39.70	2490	1.05	39.66
2500	1.44	40.14	2500	0.84	38.91
2400	1.70	33.44	2400	0.24	31.38

(Radiation Pattern)



ANT-1



ANT-2