

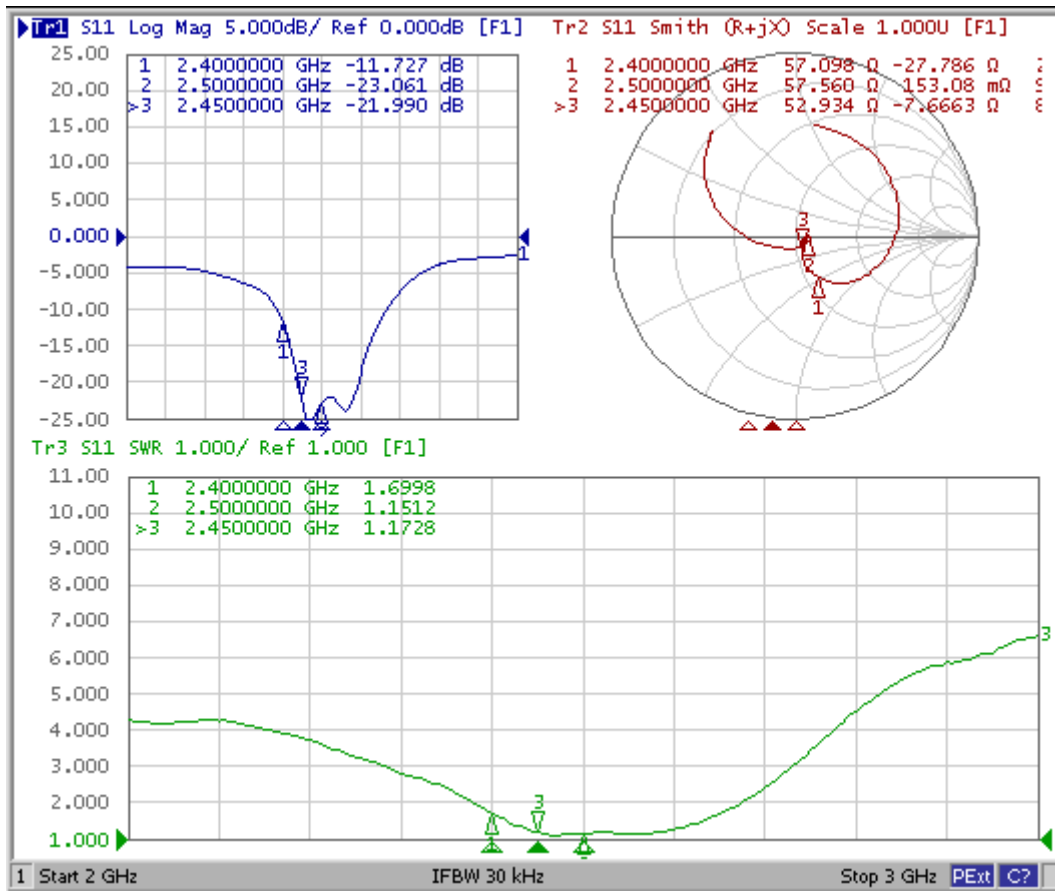




# 深圳市熠晟科技有限公司

ShenzhenYisheng TechnologyCo. LTD.

## 2、Passive performance test parameters



Fre(GHz)	2.4	2.45	2.5
Reeturn Loss	-11.73	-21.99	-23.06

FEITUKEJI											
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-3.89	-3.93	-3.57	-3.66	-3.83	-3.68	-3.35	-3.18	-3.58	-3.51	-3.57
Gain (dBi)	2.46	2.45	3.08	3.15	3.09	3.46	3.53	3.26	2.40	2.48	2.29
Efficiency (%)	40.86	40.49	43.95	43.10	41.43	42.84	46.21	48.04	43.83	44.56	43.99
Directivity (dB)	6.35	6.38	6.65	6.80	6.91	7.14	6.89	6.44	5.98	5.99	5.86
Peak Gain Position (Theta)	141.00	102.00	102.00	87.00	87.00	87.00	88.00	88.00	88.00	88.00	88.00
Peak Gain Position (Phi)	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
Efficiency ThetaPol (%)	23.97	22.98	25.12	23.46	22.68	22.37	23.78	23.01	20.37	20.01	19.62
Efficiency PhiPol (%)	16.89	17.51	18.82	19.64	18.75	20.47	22.42	25.04	23.46	24.55	24.37
Upper Hem. Efficiency (%)	18.92	18.74	20.53	19.88	19.09	19.81	21.86	22.85	21.00	21.74	22.19
Lower Hem. Efficiency (%)	21.94	21.75	23.41	23.22	22.34	23.03	24.34	25.19	22.83	22.82	21.80

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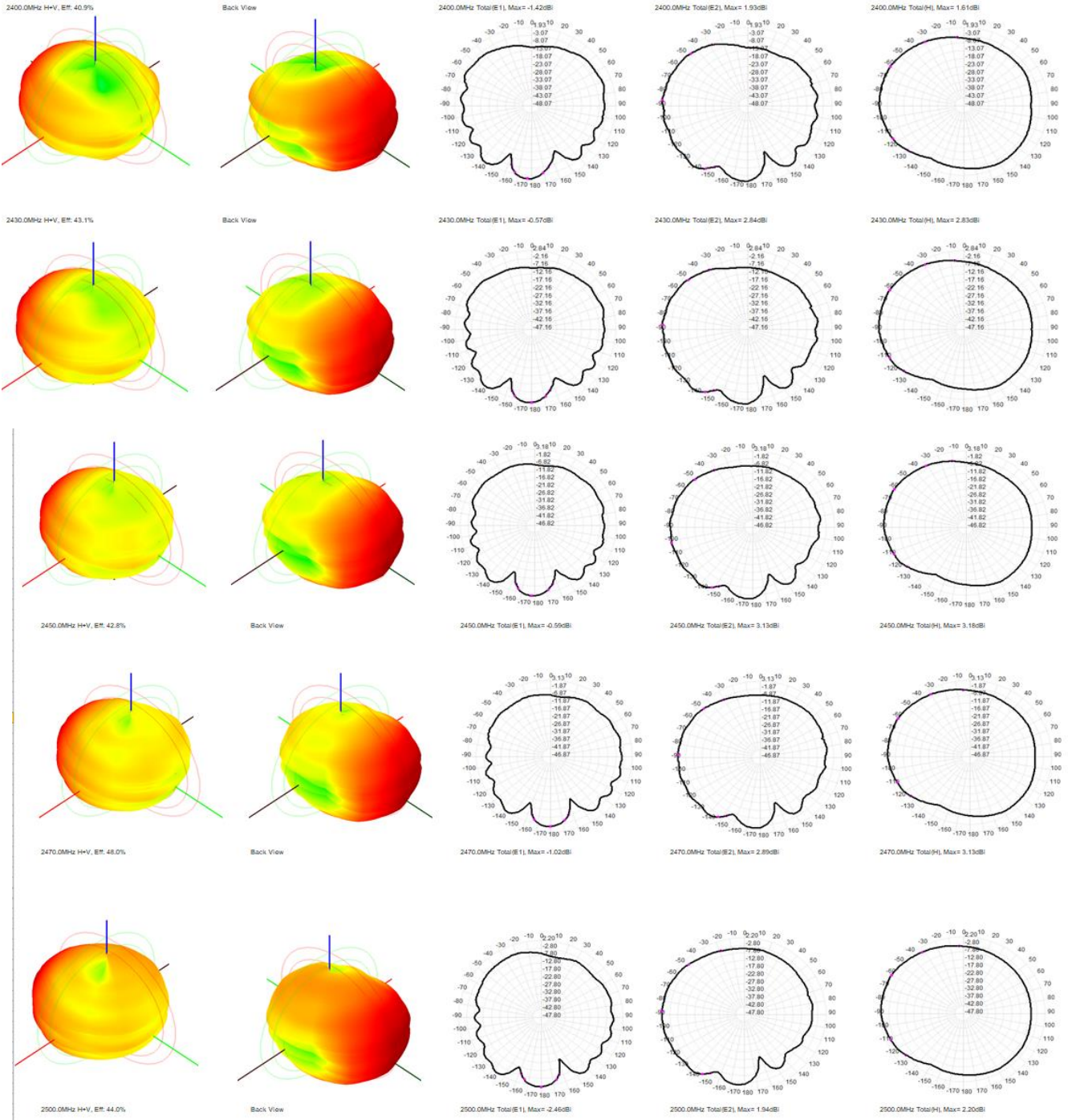
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## 3、2D、3D Performance diagram





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## 4、Electrical performance parameters

电气参数		
frequency range	2.4GHz-2.5GHz	
input impedance	50Ω	
VSWR	<2 对照样品测试图形	
Gain	2.4G	3dBi (±1)
	5.8G	
Polarization mode	cross polarization	
radiation direction	omnidirectional	
Connector model	0pean	

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