

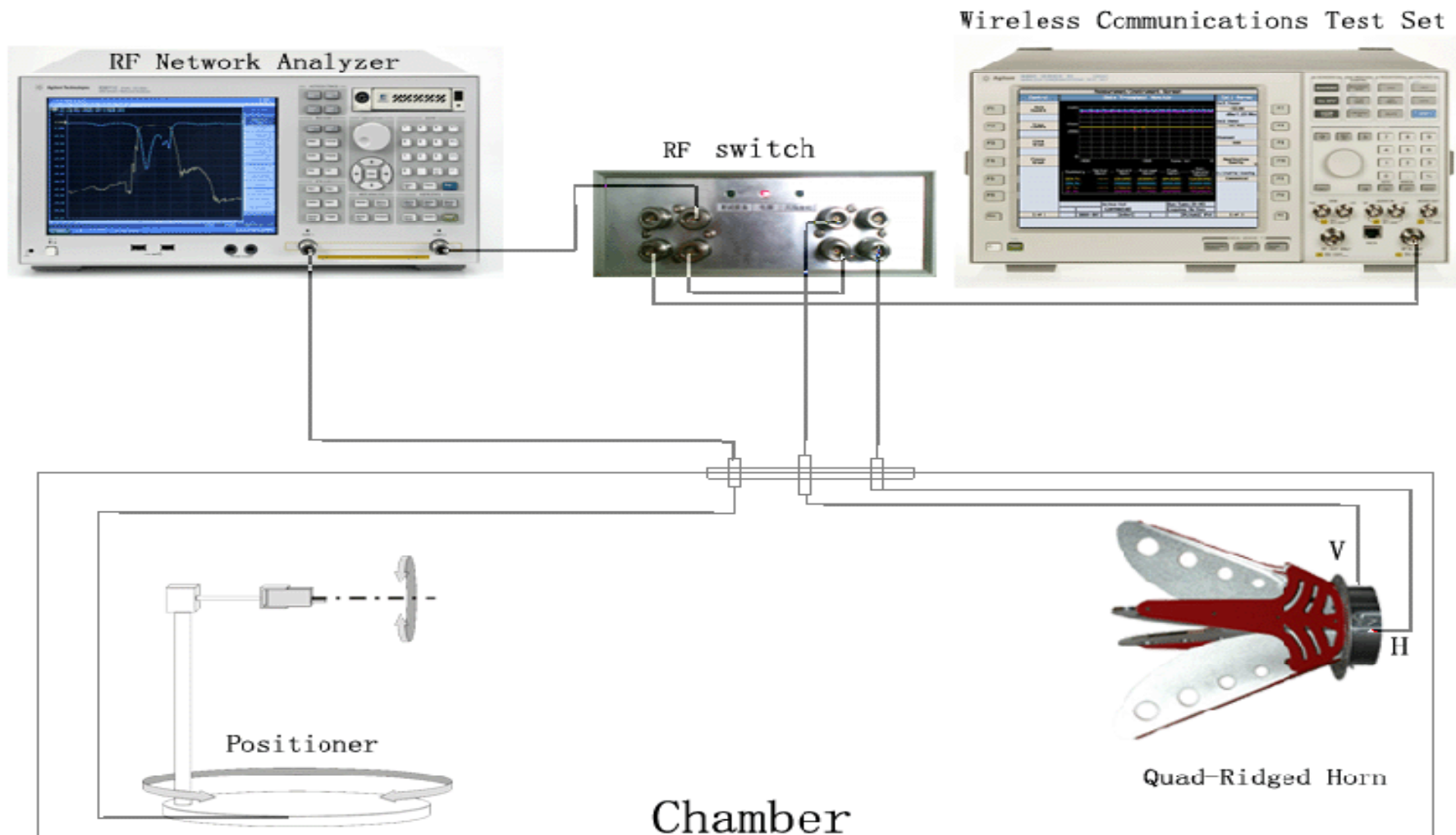
Manufacture: Shenzhen Aitenuo Communication Equipment Co., Ltd.

Address: Room 504-505, Summer Valley, Meisheng Chuanggu,
Longchang Road, Xin'an Street, Baoan District, Shenzhen City

Client	Haiguoda	Project	003-1	Date:	2025.11.28
Frequency	2.4G-2.48G				
Version	V1.0				
Type	FPC antenna				

Telephone: 0755-29308863 Fax: 0755-29308861

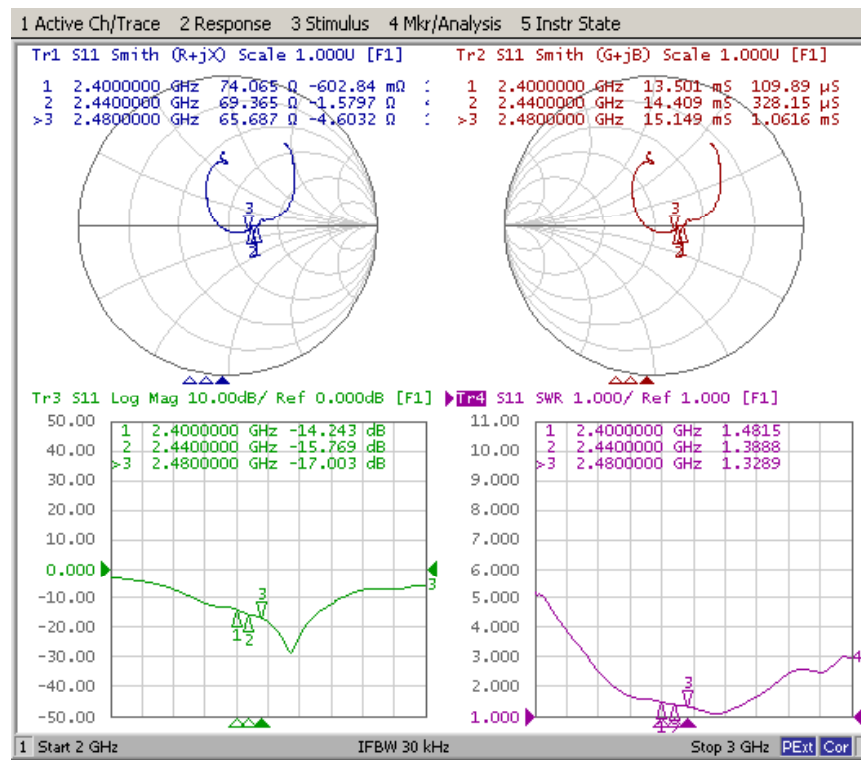
Test system



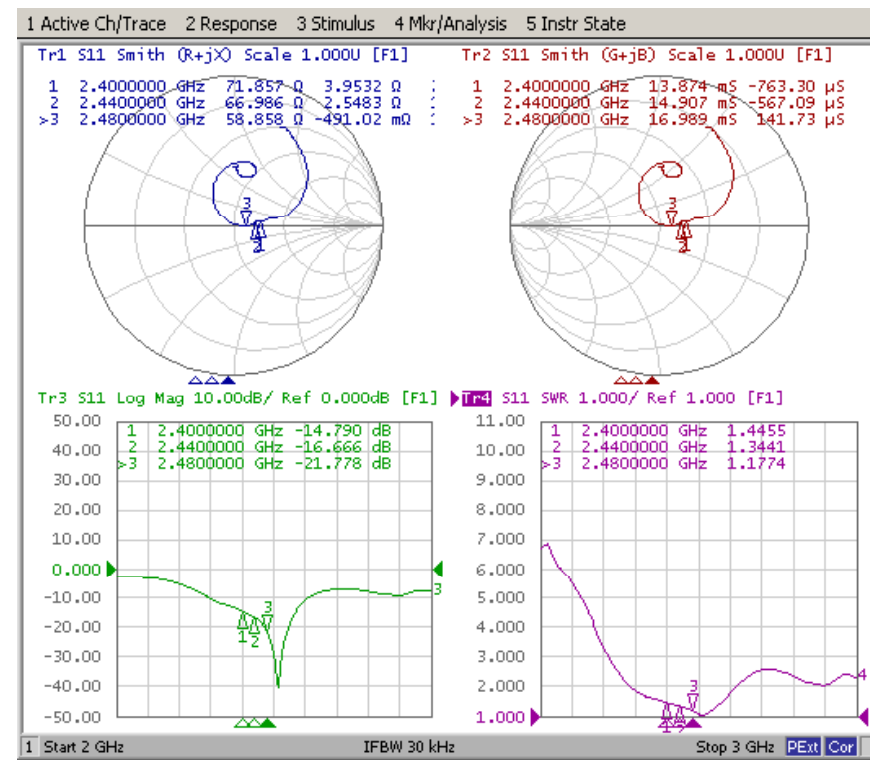
Passive test data

3.1 S11 Parameter

L



R



3.2 Gain & Efficiency

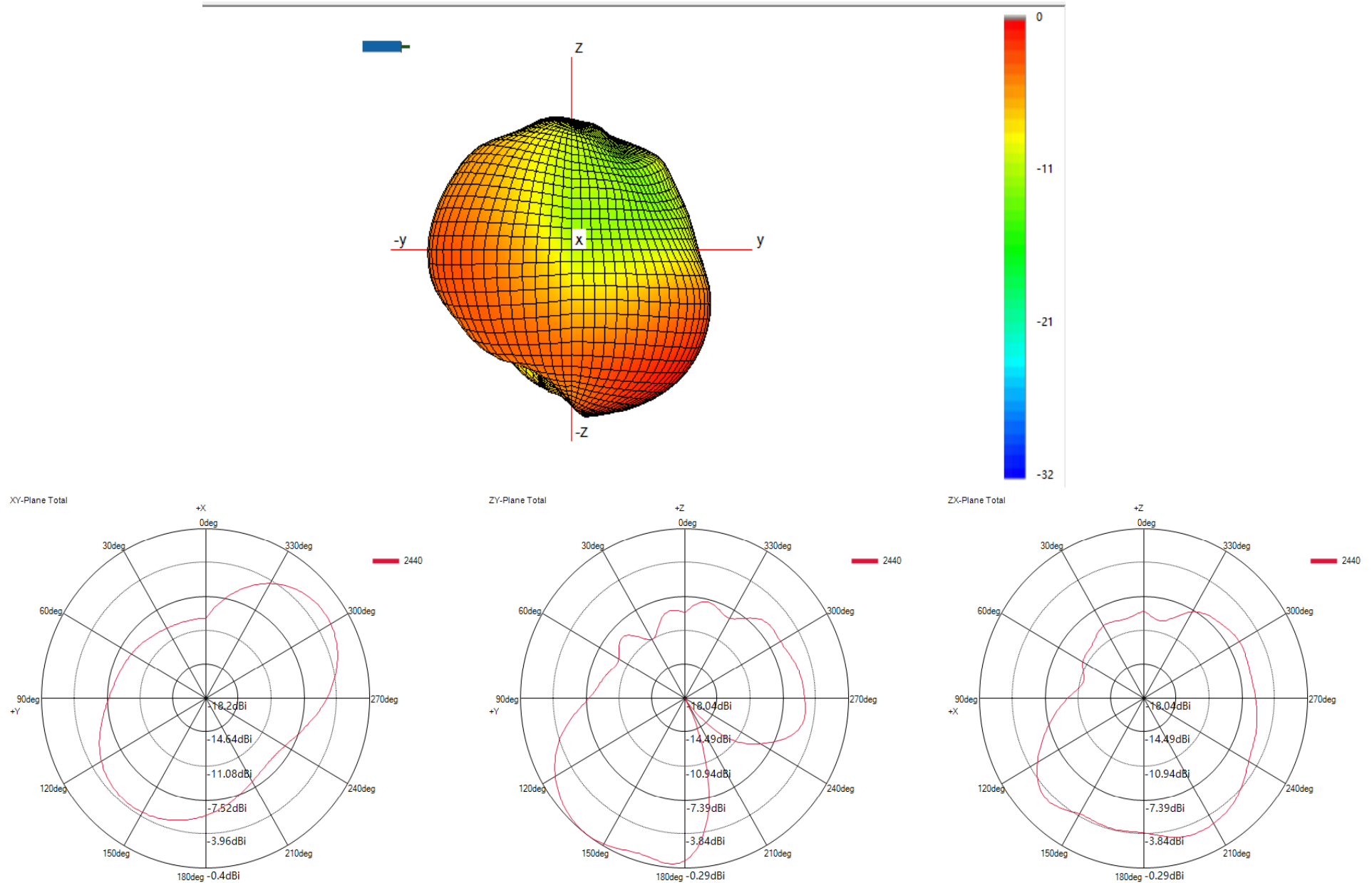
L

Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	-0.45	-5.44	28.58
2410	-0.49	-5.48	28.35
2420	-0.48	-5.46	28.41
2430	-0.48	-5.46	28.47
2440	-0.45	-5.41	28.75
2450	-0.40	-5.35	29.18
2460	-0.48	-5.40	28.81
2470	-0.55	-5.42	28.73
2480	-0.55	-5.38	28.94

R

Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	-1.63	-6.36	23.13
2410	-1.69	-6.47	22.52
2420	-1.68	-6.50	22.39
2430	-1.68	-6.52	22.28
2440	-1.69	-6.54	22.17
2450	-1.65	-6.49	22.43
2460	-1.75	-6.59	21.92
2470	-1.84	-6.65	21.65
2480	-1.82	-6.63	21.71

3.3 Radiation pattern (L)



3.3 Radiation pattern (R)

