



Professional antenna serviceprovider

SHENZHEN FEIMIN TECHNOLOGY CO.,LTD.



Item model

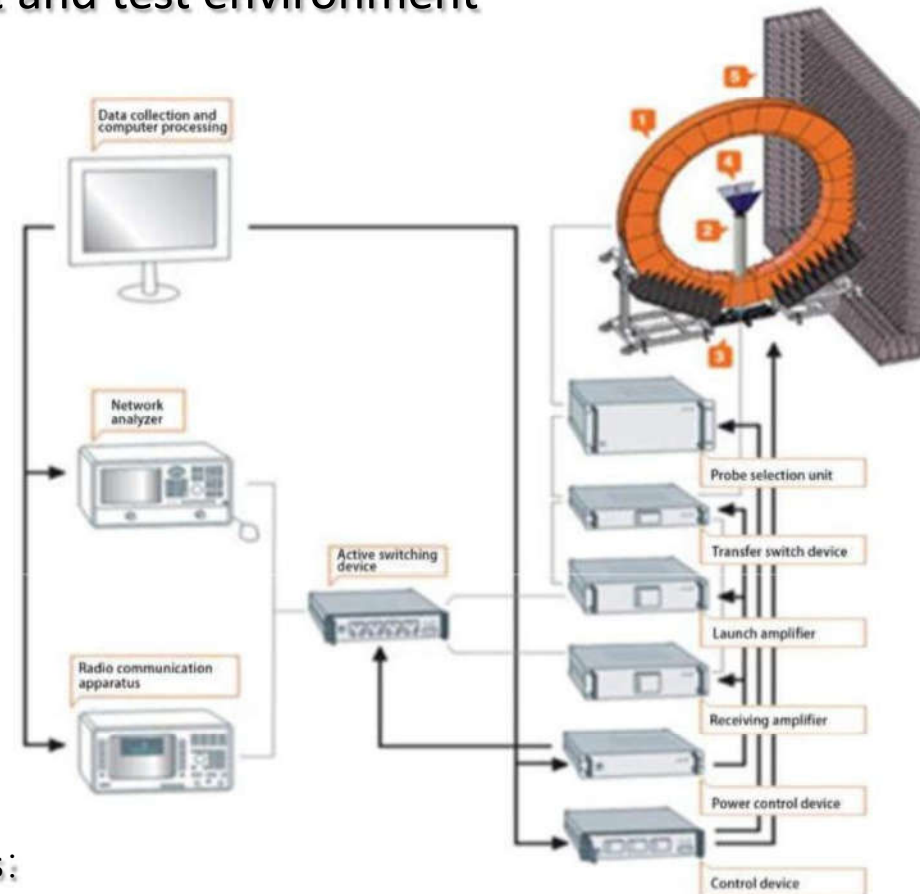
H6[JN01]

Antenna model

Testers



Test equipment and test environment

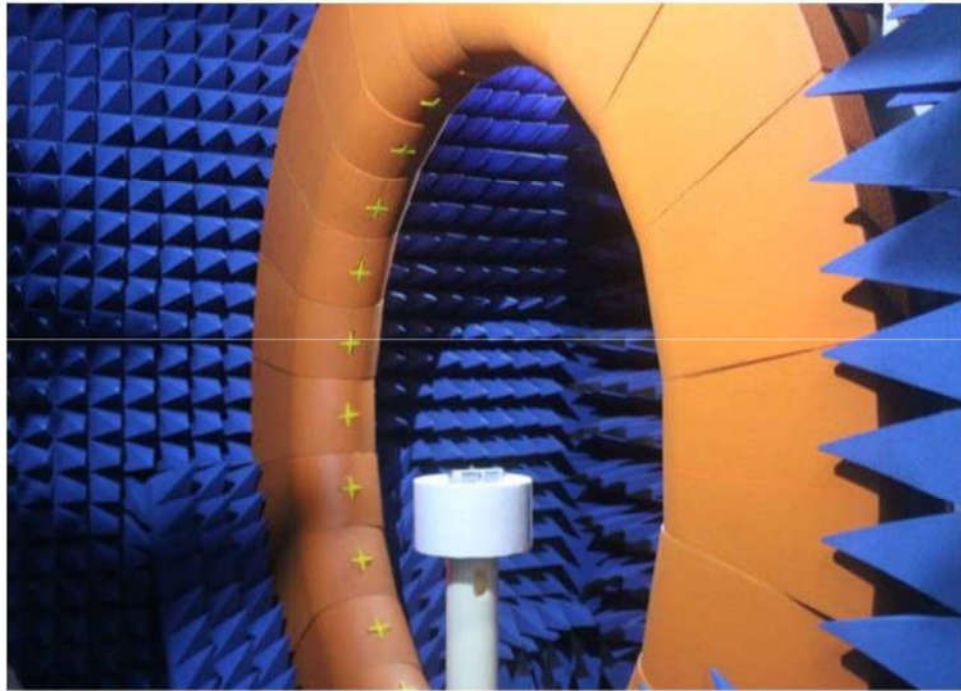


Test Environment Conditions:

RelativeHumidity	
Temperature	
Voltage of the EUT	



Test equipment



Probe microwave anechoic chamber

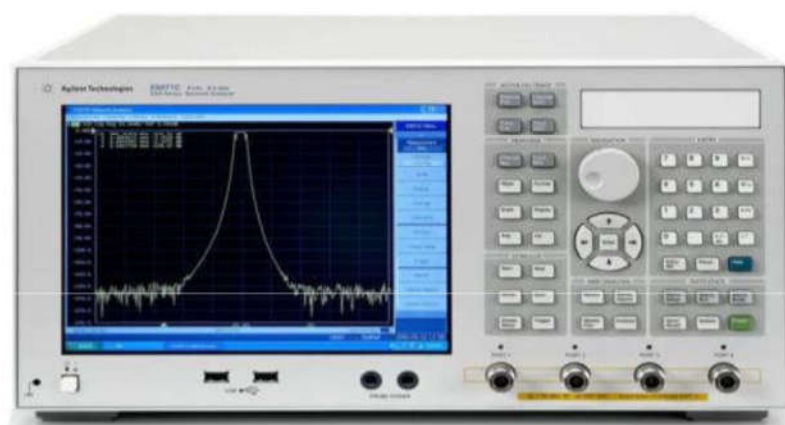
➤ Frequency Range : 0.4GHz-6GHz

Main test indicators

- ◆ Passive indicators
 - ◆ Gain
 - ◆ effectiveness
 - ◆ 3D pattern
- Active indicator
 - TRP total radiated power
 - TIS total receiving sensitivity



Test equipment



Agilent E5071C Vector network analyzer

➤ Frequency Range : 300 kHz - 8.5GHz

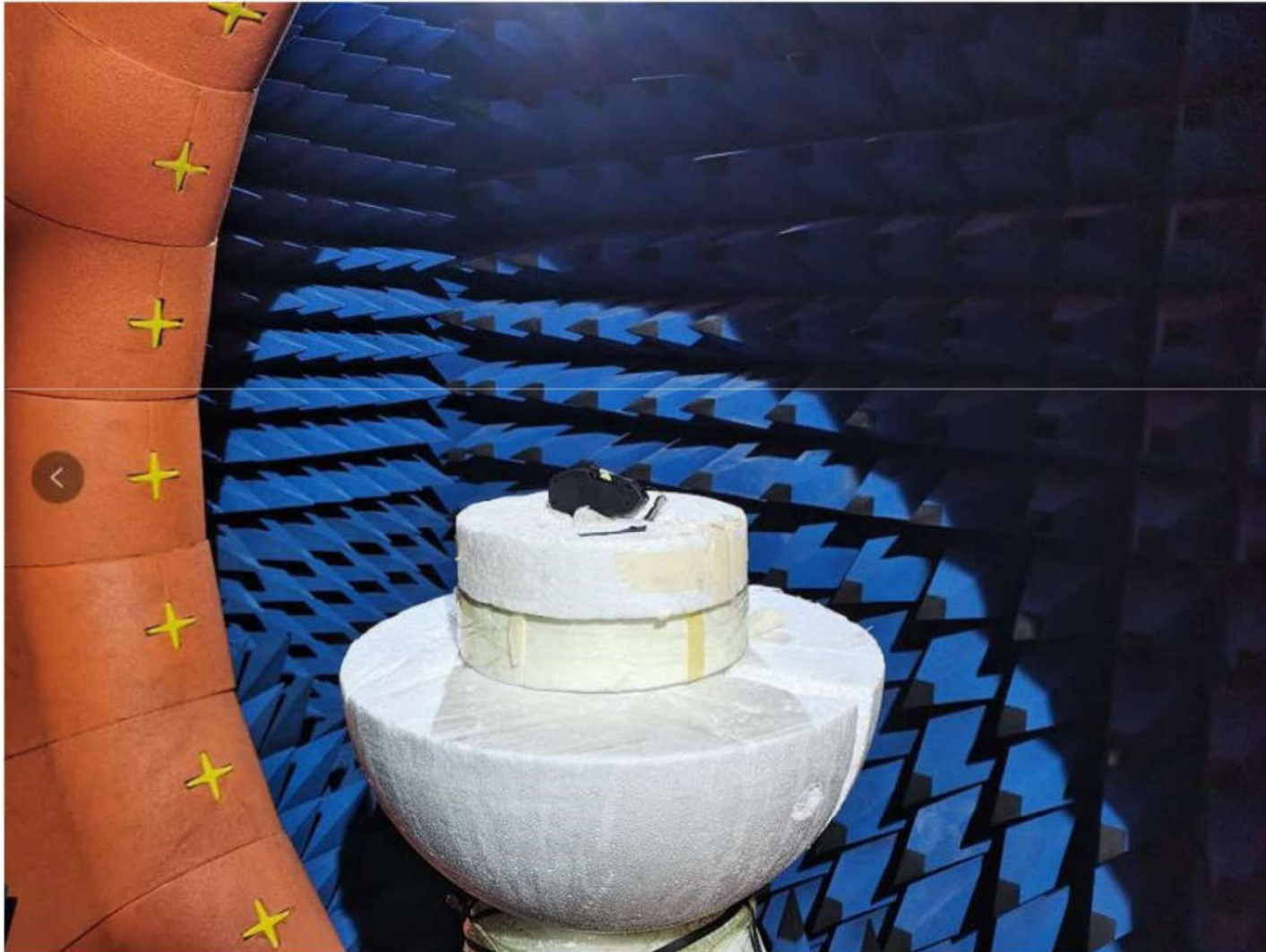


R&S CMW500 Broadband wireless communication tester

➤ GSM/3G/4G

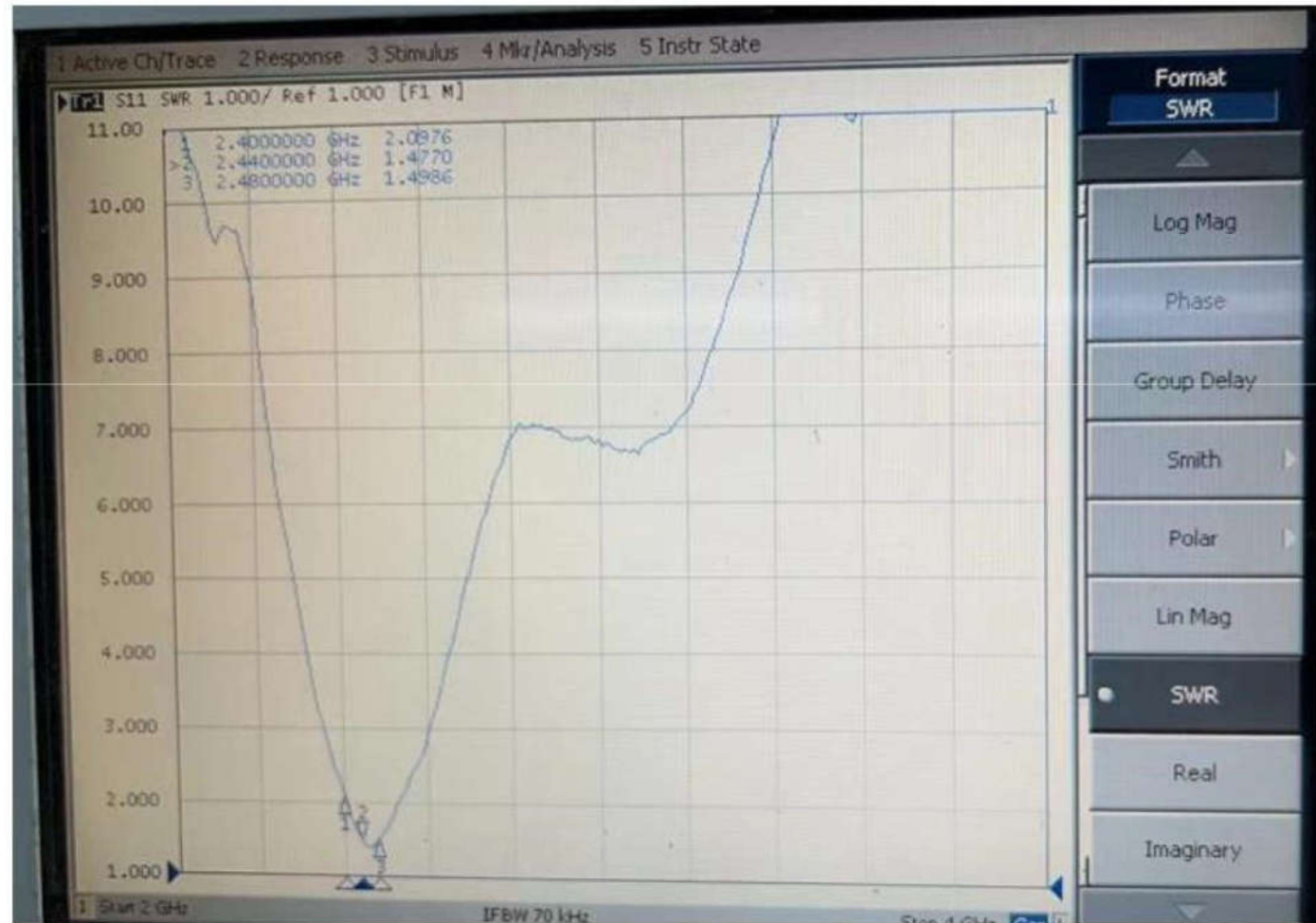


Test photos



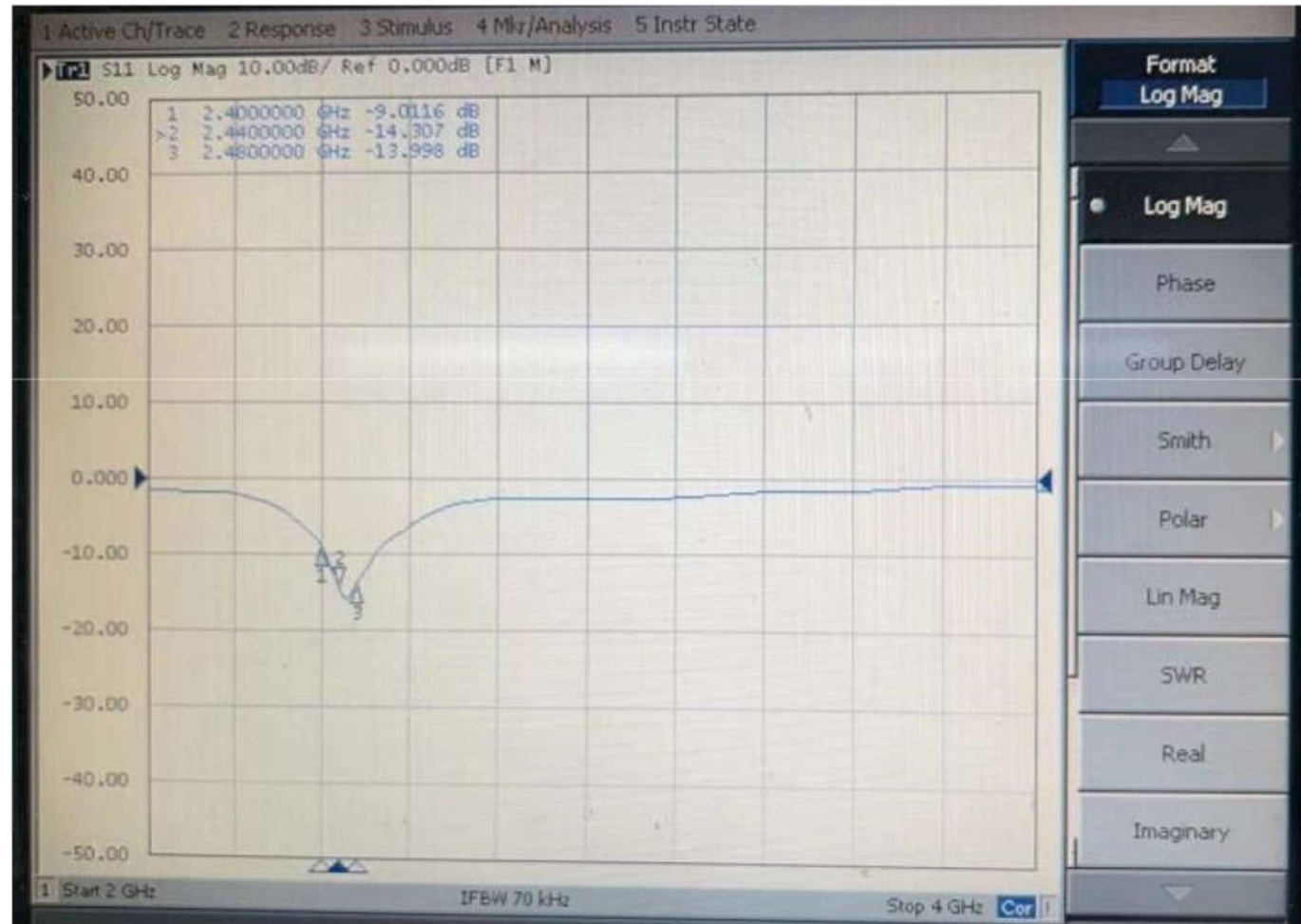


Antenna SWR





Antenna Return loss



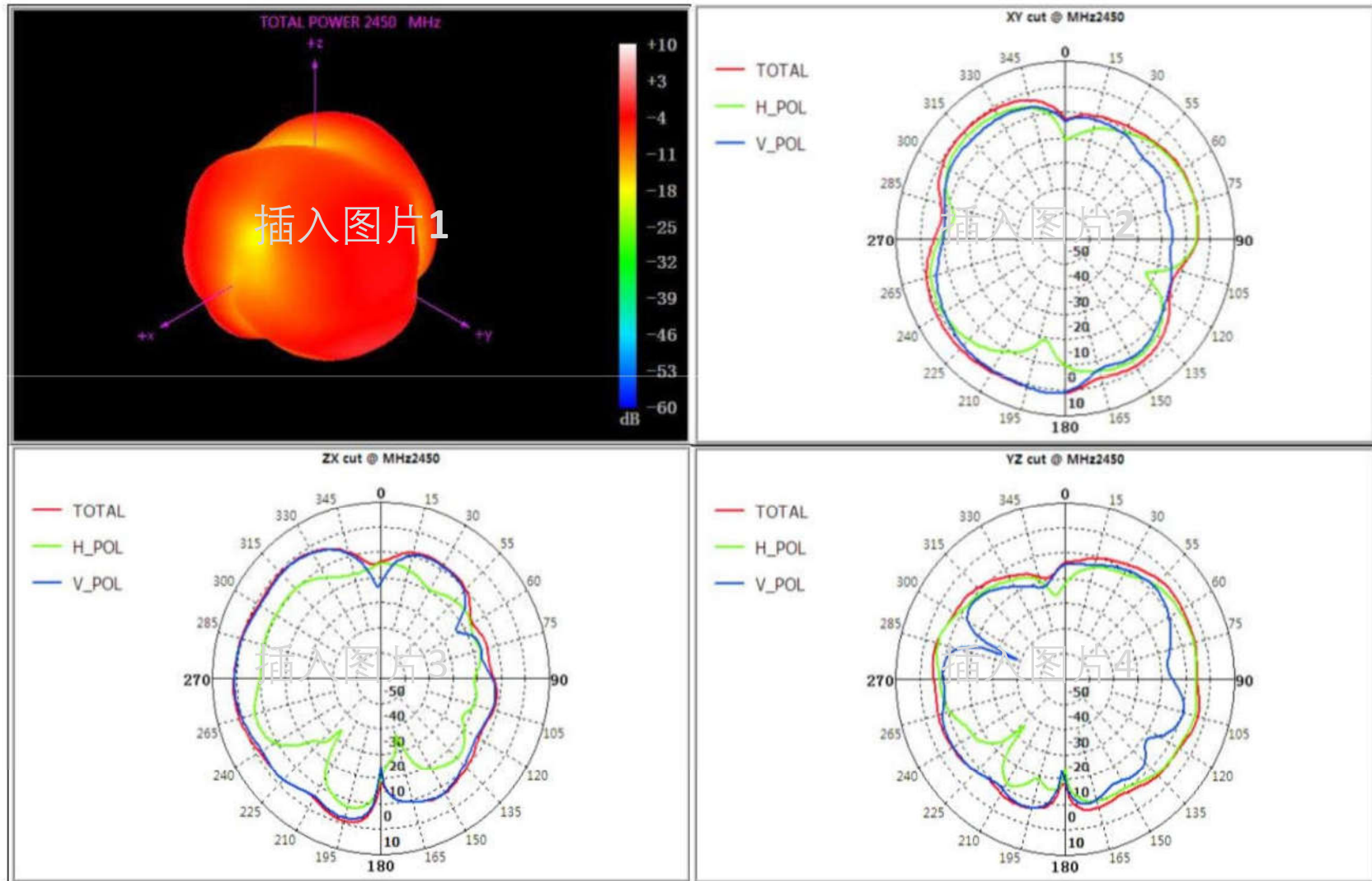


Antenna gain and efficiency

Antenna		
Freq(MHz)	Efficiency (%)	Gian(dBi)
2400	42.59	2.41
2410	41.86	2.43
2420	44.06	2.24
2430	43.67	2.18
2440	43.57	2.28
2450	43.38	2.12
2460	42.68	2.07
2470	43.46	2.16
2480	42.96	2.21
2490	44.57	2.51
2500	45.27	2.55

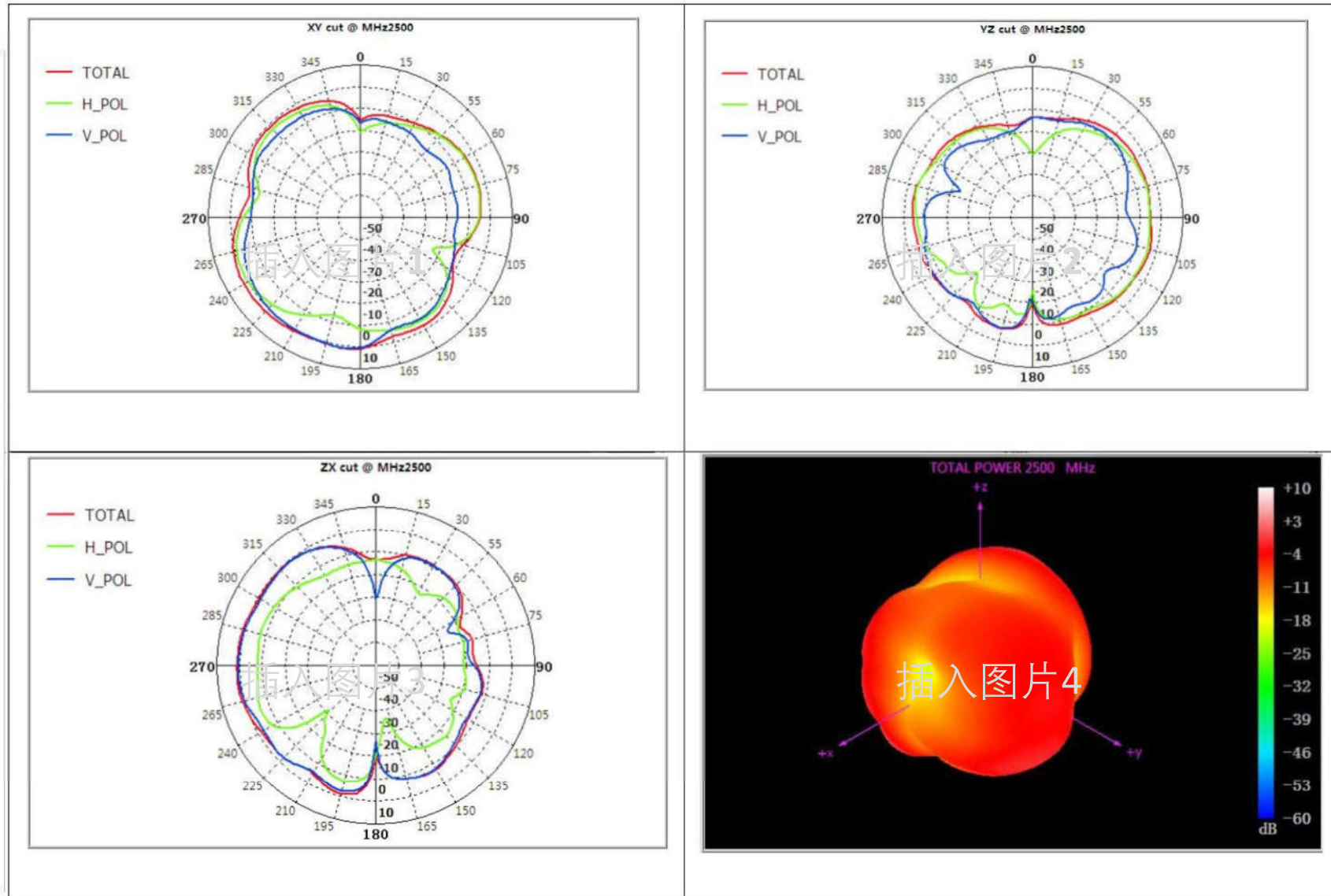


Antenna Radiation Pattern

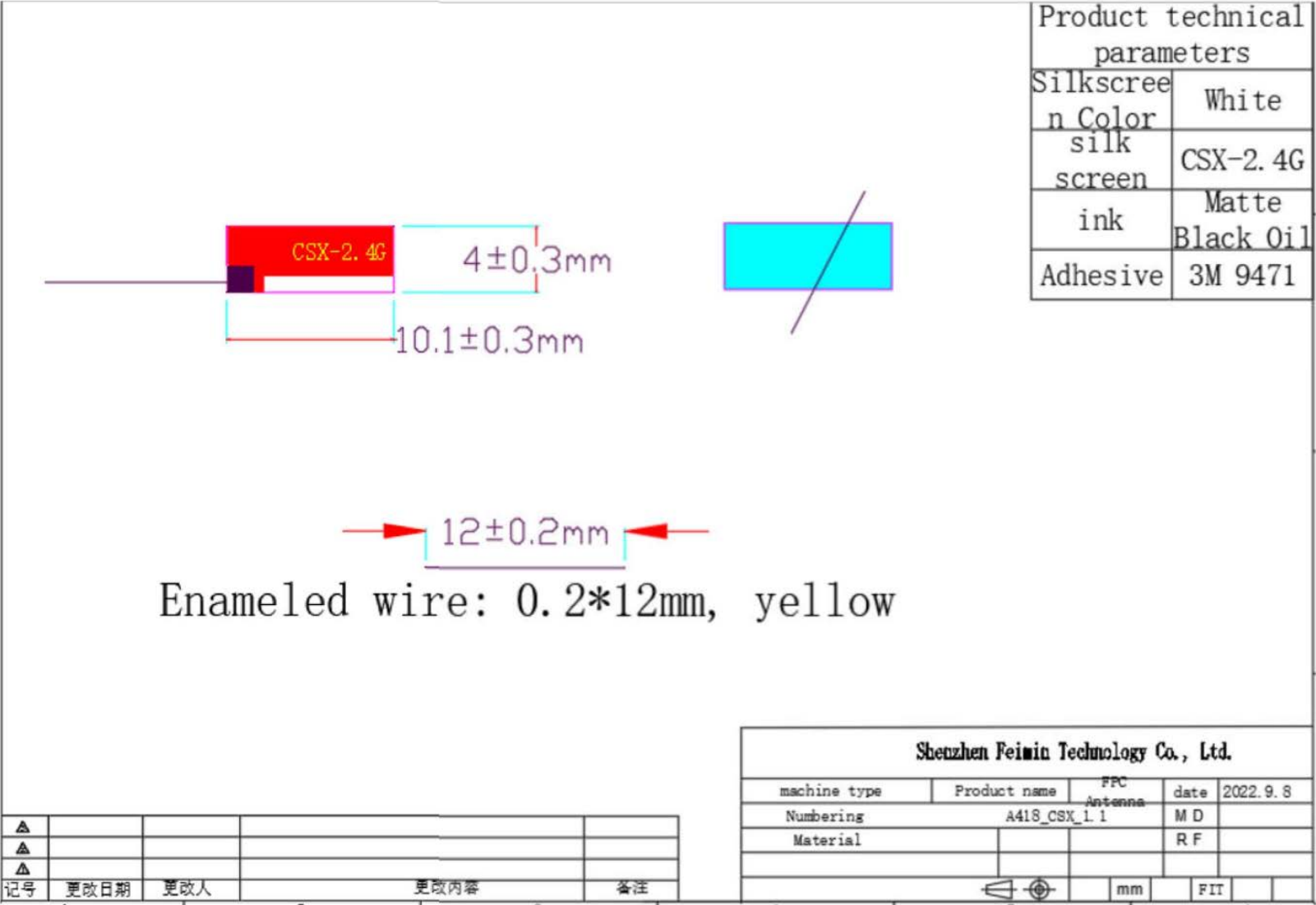




Antenna Radiation Pattern



ANT SIZE:



Thanks for your support!