

Manufacturer	SHEN DA CHENG ELECTRONICS CO., LTD
Antenna type	Internal antenna
Antenna Gain	1.65dBi for 2.4G, 1.61dBi for 5G

1. Test equipment and conditions:

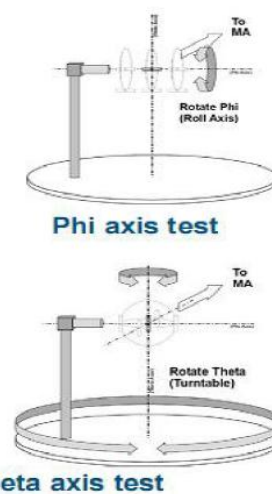
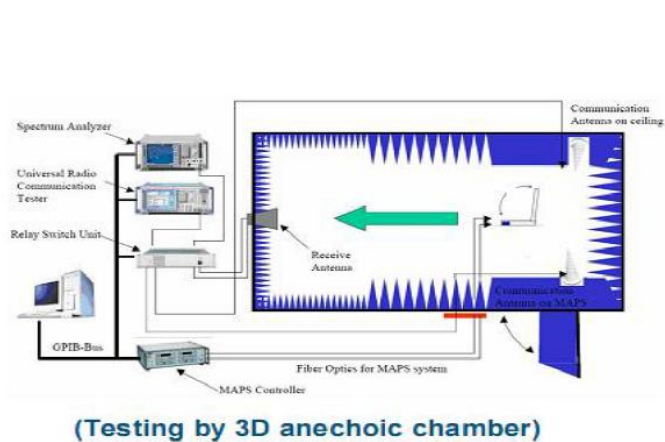
1.1. Network Analyzer

Agilent 8753D Agilent 5071B

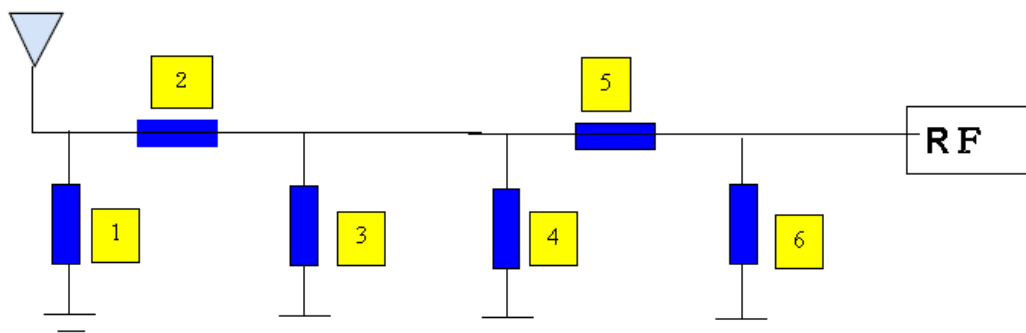
1.2. Communication test equipment

Agilent E5515C R&S CMW500

1.3. Test system

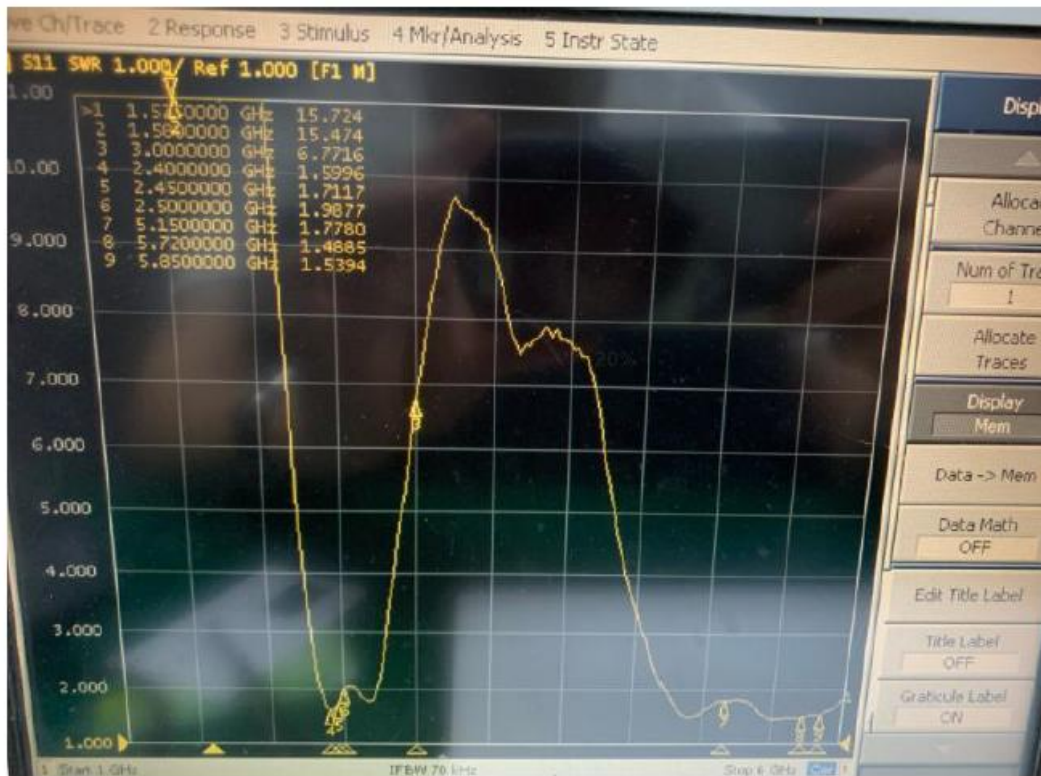


1.4. Matching circuit



2. Test Data:

2.1. Standing wave ratio

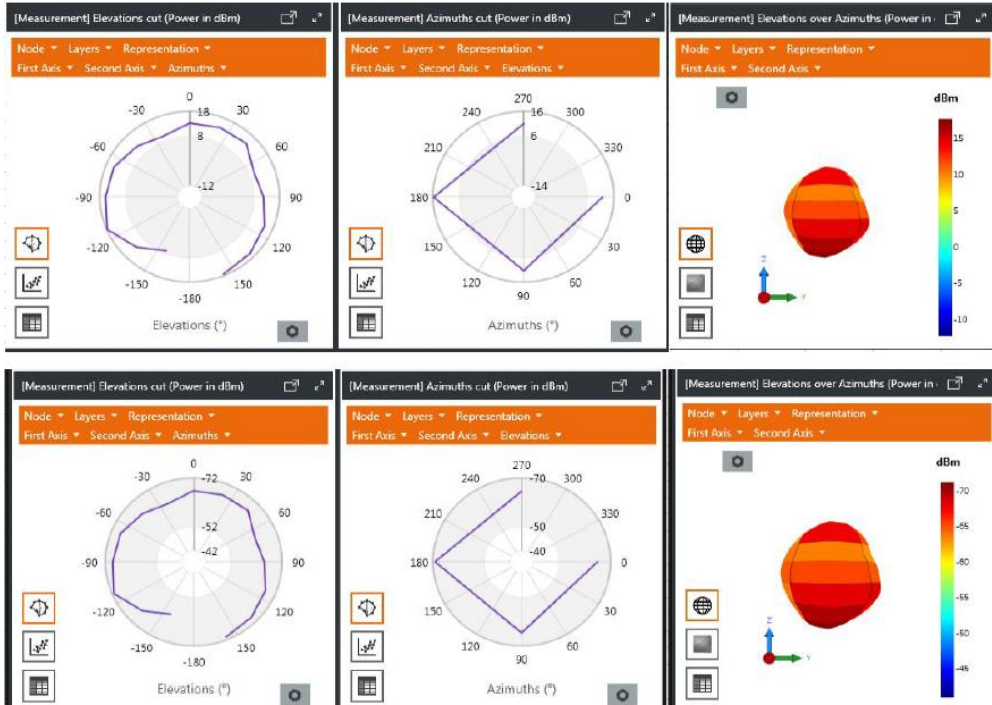


2.2.Efficiency

Frequency (MHz)	Efficiency (%)	Peak GAIN (dBi)
2400	45.54	1.58
2450	46.67	1.65
2500	45.58	1.63
5150	43.75	1.53
5700	42.52	1.56
5850	44.53	1.61

2.3. Directivity diagram

2.4G



5G



3. Antenna drawing:

