

Manufacturer	ShenZhen JY Communication Equipment Co.,Ltd.
Address	Room 801-A82, Zhenxing Building, No. 65, Jinli Road, Changlong Community, Buji Street, Longgang District, Shenzhen City
Model	N80
Antenna type	FPC antenna
Antenna Gain	3.35dBi for 2.4G , 3.21dBi for 5G

1.Test equipment and conditions:

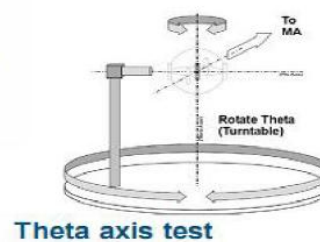
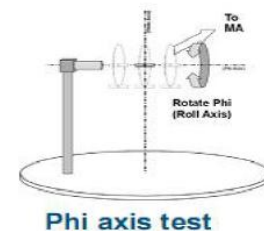
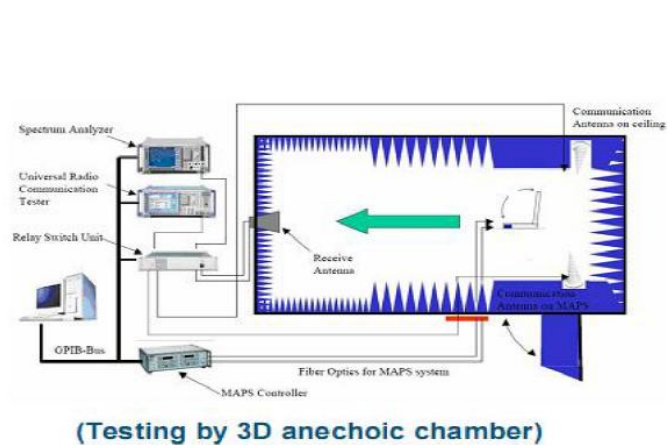
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

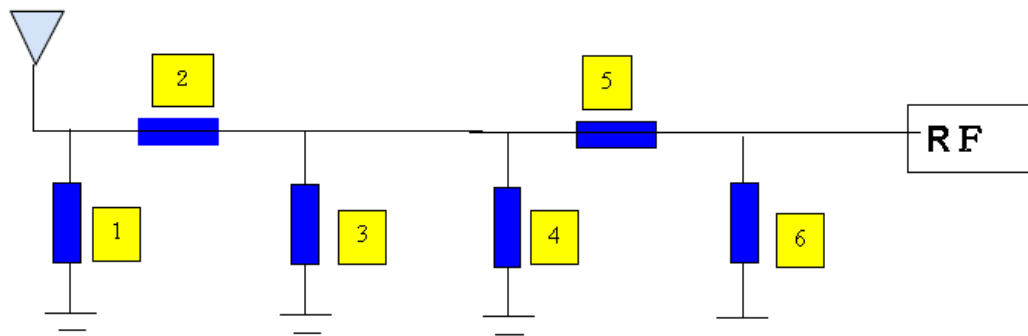
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

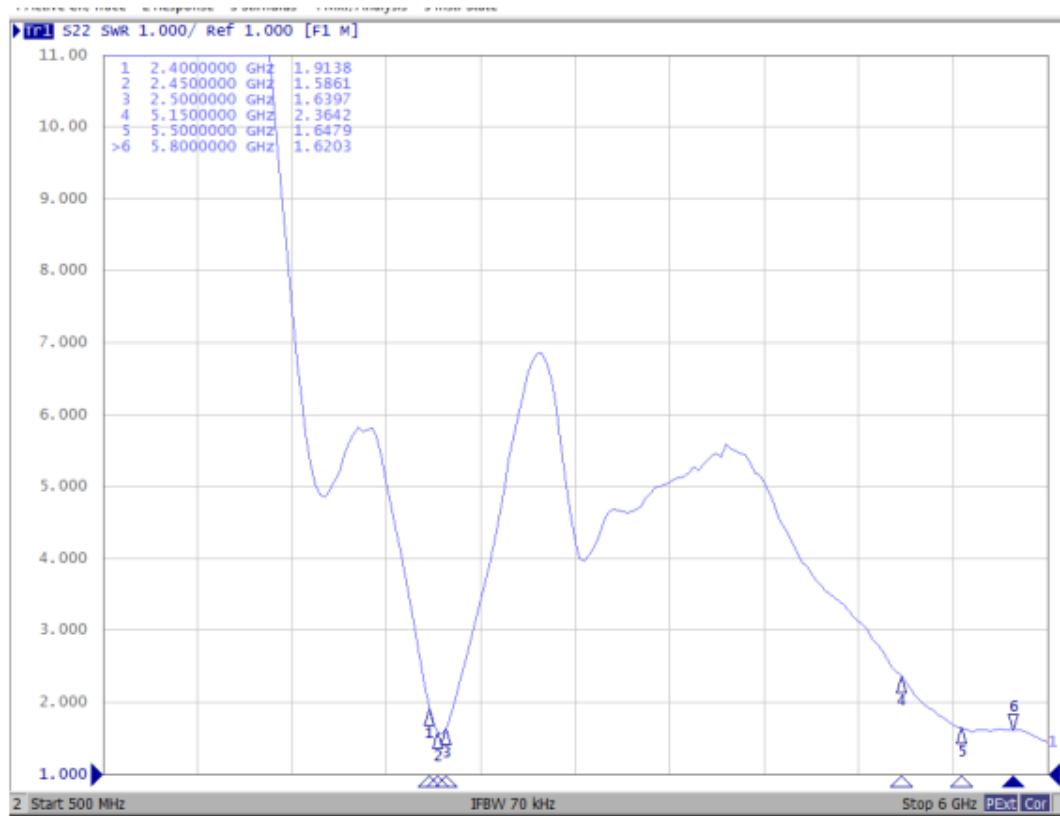


1.4. Matching circuit



2. Test Data:

2.1. Standing wave ratio

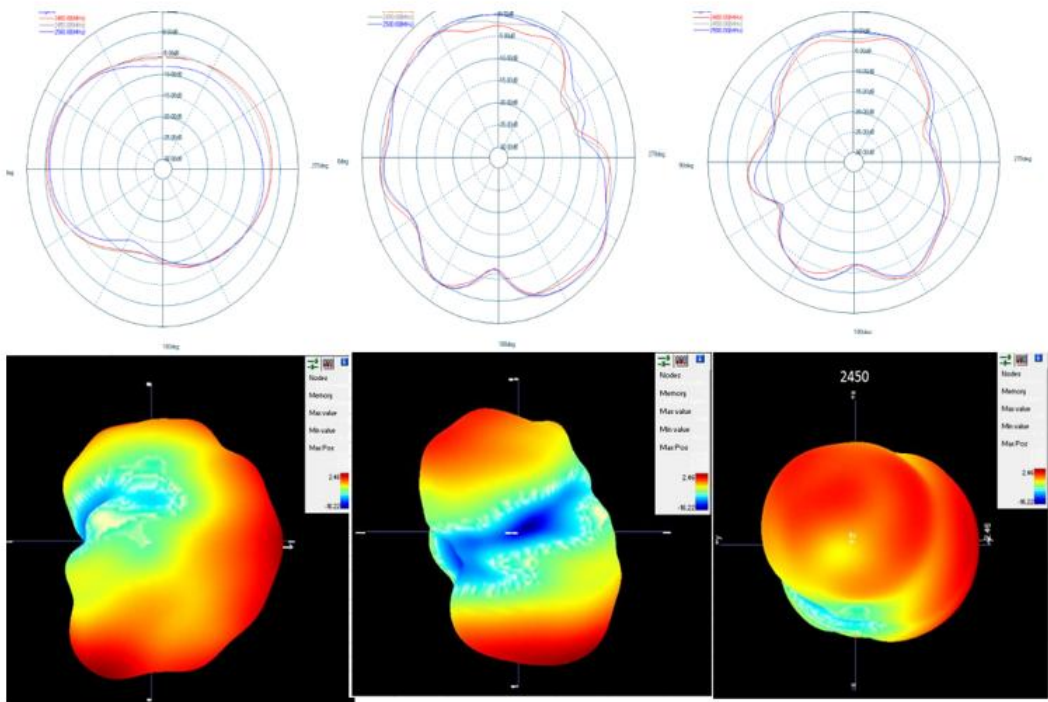


2.2.Efficiency

2.4E+09	29%	-5.42	0.92
2.41E+09	31%	-5.07	1.57
2.42E+09	33%	-4.79	1.85
2.43E+09	35%	-4.61	2.07
2.44E+09	36%	-4.42	2.31
2.45E+09	37%	-4.29	2.39
2.46E+09	39%	-4.14	2.60
2.47E+09	39%	-4.06	3.01
2.48E+09	41%	-3.88	3.05
2.49E+09	42%	-3.73	3.23
2.5E+09	43%	-3.67	3.35
5.15E+09	38%	-4.24	1.63
5.2E+09	39%	-4.11	2.12
5.25E+09	39%	-4.10	2.12
5.3E+09	41%	-3.92	2.34
5.35E+09	38%	-4.17	1.95
5.4E+09	40%	-3.96	2.05
5.45E+09	40%	-3.96	2.30
5.5E+09	41%	-3.86	3.17
5.55E+09	40%	-3.93	3.21
5.6E+09	40%	-3.93	2.86
5.65E+09	43%	-3.69	2.88
5.7E+09	42%	-3.81	2.39
5.75E+09	42%	-3.81	1.86
5.8E+09	40%	-4.00	1.43
5.85E+09	37%	-4.27	1.26

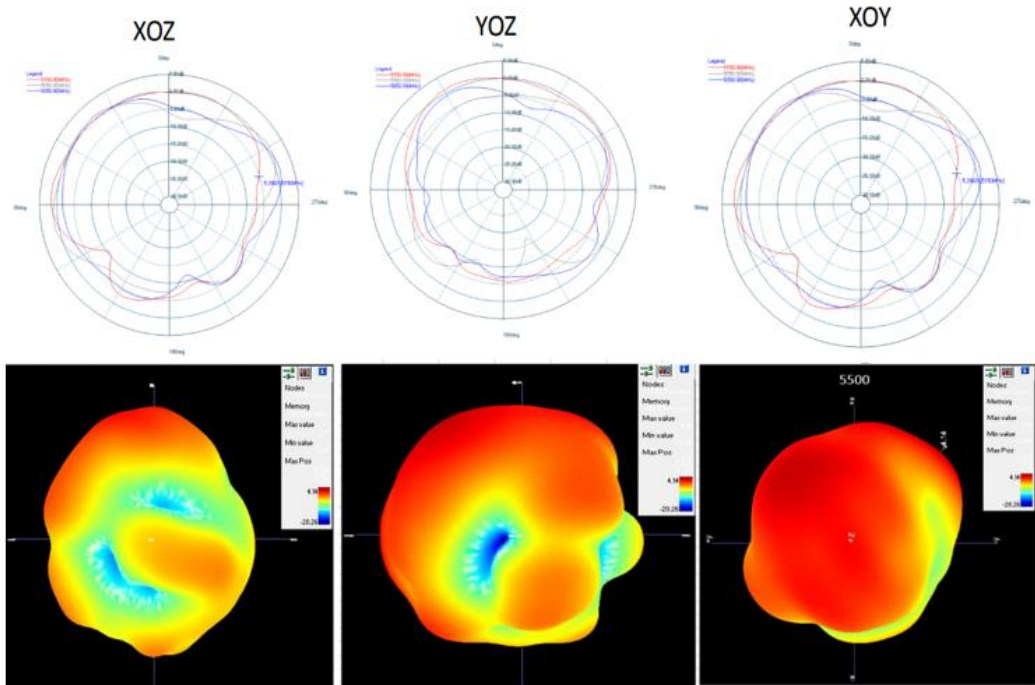
2.3.Directivity diagram

2.4G



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5G



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3. Antenna drawing (mm) :

