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| Manufacturer | Shenzhen Xiongchuanglian Electronics Co., LTD |
| Address | 4th Floor, Factory Building, No. 64, Baotong South Road, Xikeng Community, Yuanshan Sub-district, Longgang District, Shenzhen City |
| Model | U01 |
| Antenna type | External antenna |
| Antenna Gain | 2.00dBi for 2.4G |

1.Test equipment and conditions:

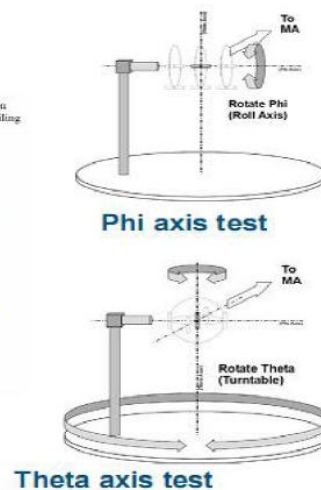
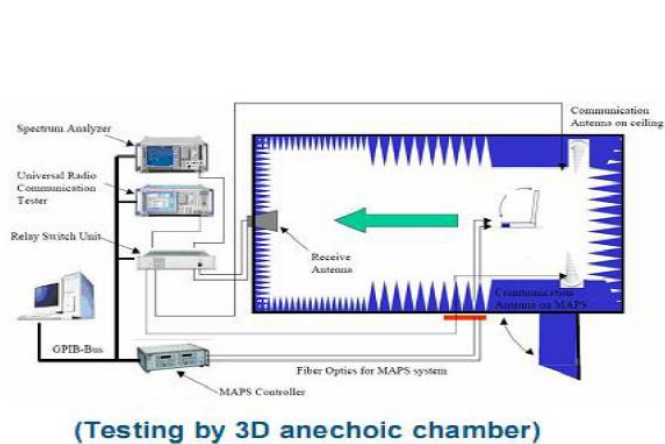
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

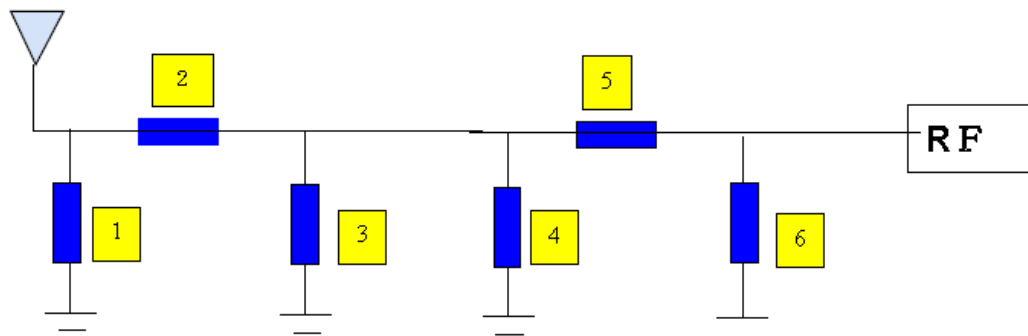
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

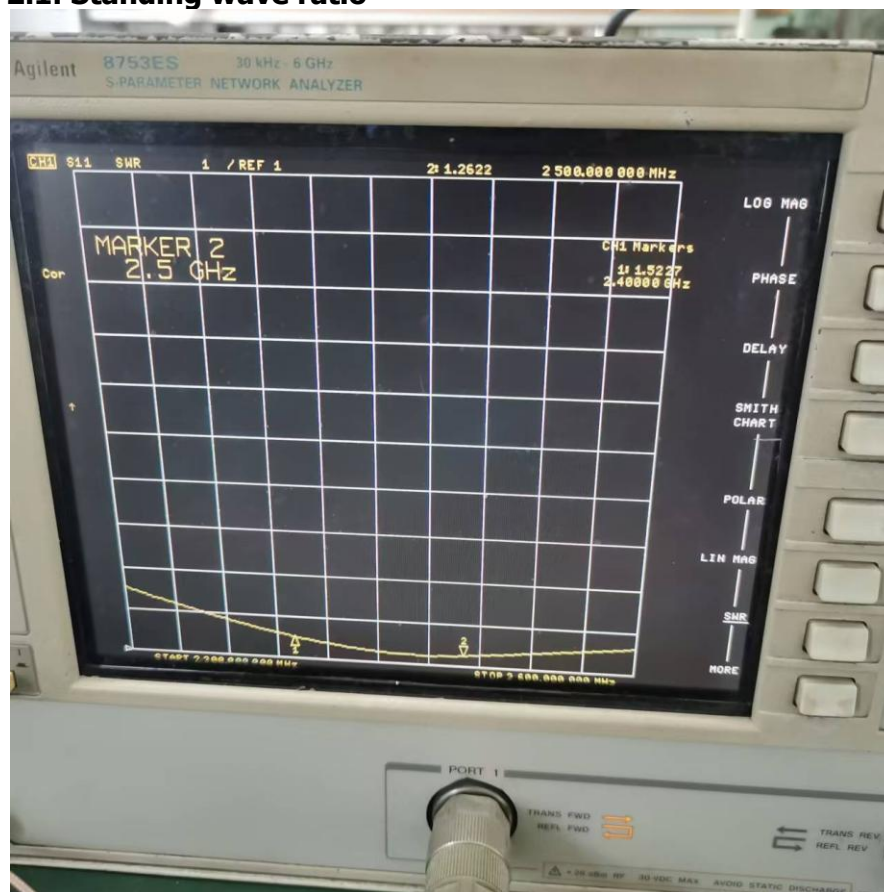


1.4. Matching circuit



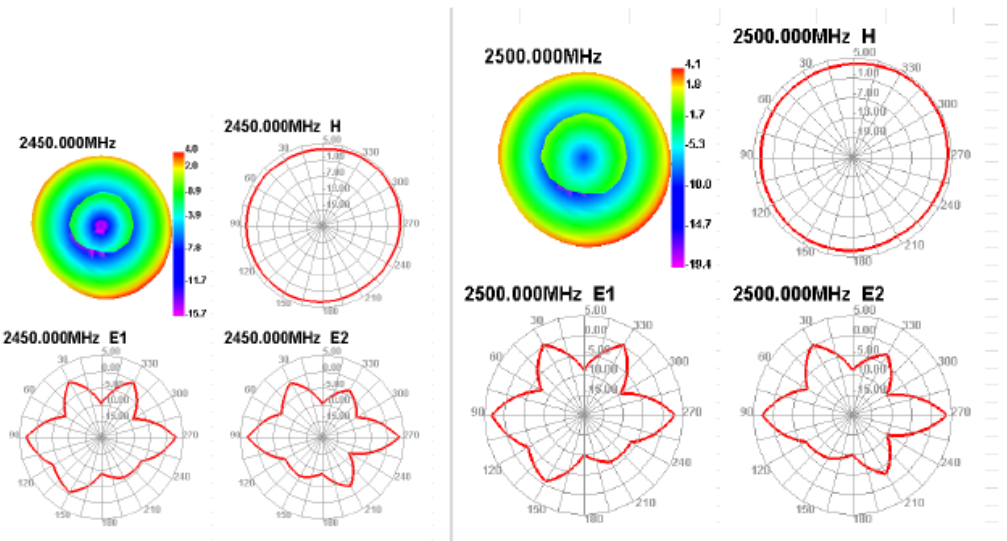
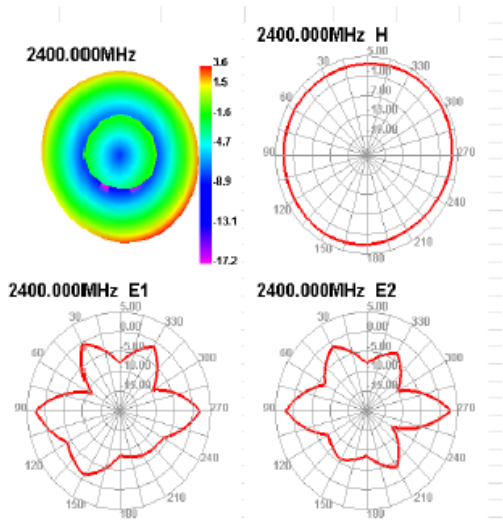
2. Test Data:

2.1. Standing wave ratio



2.2.Efficiency

| Fred (MHz) | Effi (%) | Effi (%) | Gain (dBi) |
|------------|----------|----------|------------|
| 2400 | 41.07 | -2.09 | 1.63 |
| 2410 | 41.62 | -2.50 | 1.59 |
| 2420 | 41.98 | -2.69 | 1.75 |
| 2430 | 41.81 | -2.09 | 1.38 |
| 2440 | 41.54 | -2.34 | 1.75 |
| 2450 | 41.83 | -2.42 | 1.55 |
| 2460 | 41.15 | -2.49 | 1.69 |
| 2470 | 41.26 | -2.88 | 1.89 |
| 2480 | 41.78 | -2.87 | 1.94 |
| 2490 | 41.05 | -2.07 | 2.00 |
| 2500 | 41.07 | -2.09 | 1.71 |



3. Antenna drawing (mm) :

