

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:

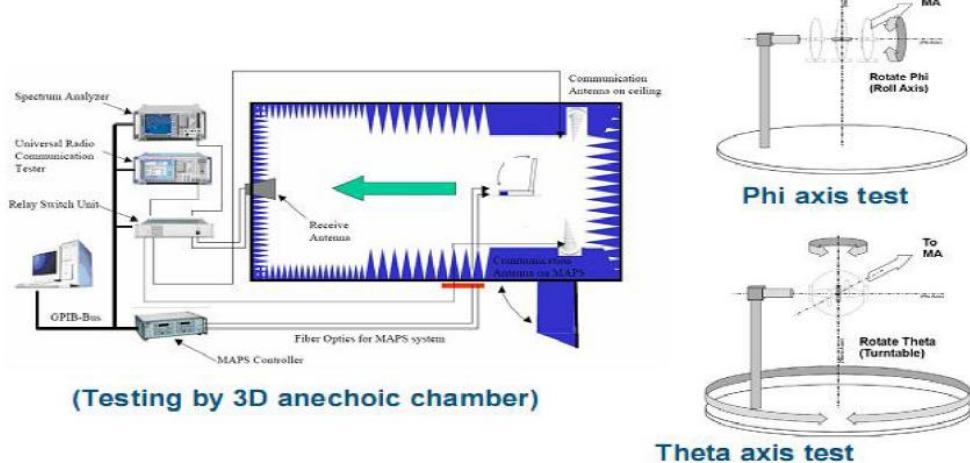
### 1.1. Network Analyzer

Agilent 8753D Agilent 5071B

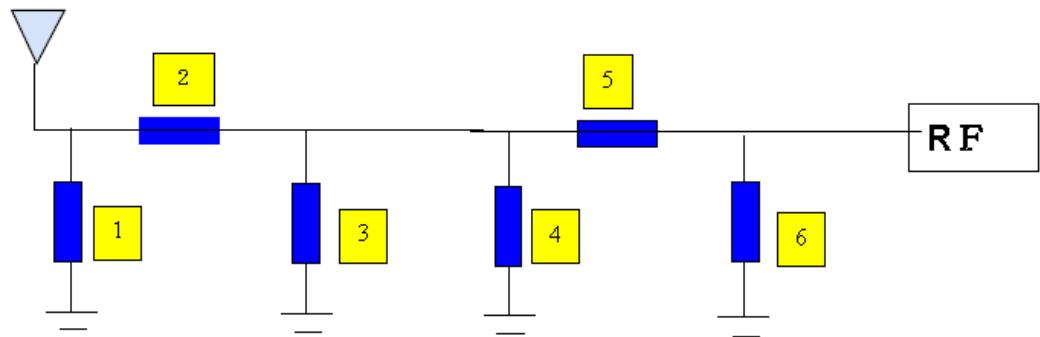
### 1.2. Communication test equipment

Agilent E5515C R&S CMW500

### 1.3. Test system

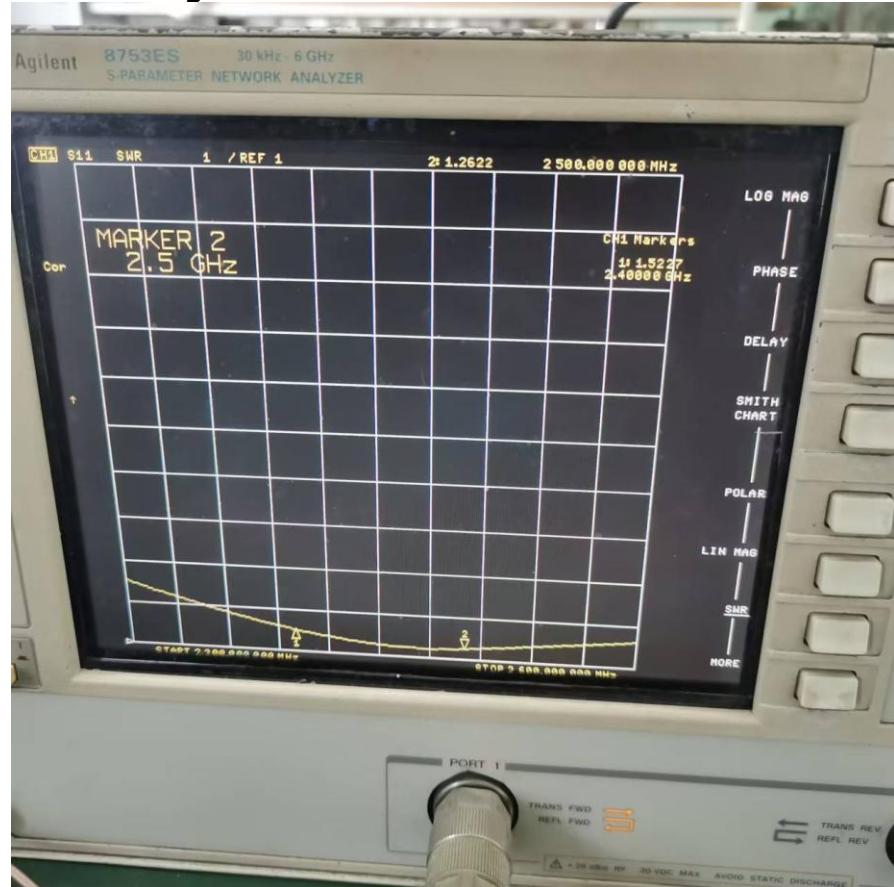


## 1.4. Matching circuit



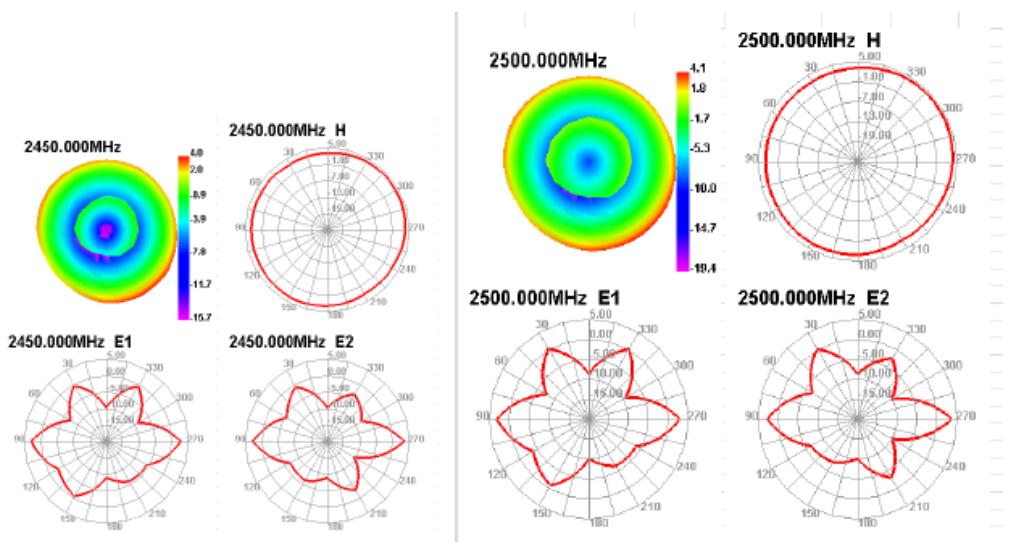
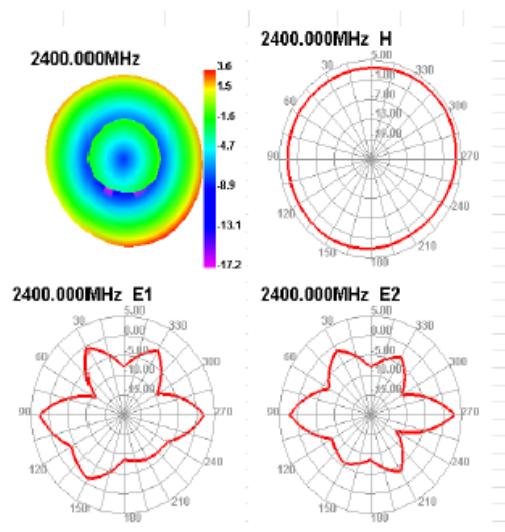
## 2. Test Data:

### 2.1. Standing wave ratio



## 2.2.Efficiency

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



**3.Antenna drawing ( mm ) :**

