

Manufacturer	Everestek Inc.
Address	2F.-1, No. 5, Tai-Yuen 1st St., Zhubei City, Hsinchu County, 30288 Taiwan
Model	EV20SC
Antenna type	PCB antenna
Antenna Gain	2.00dBi

1.Test equipment and conditions:

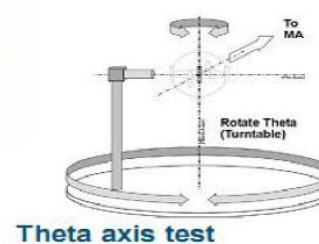
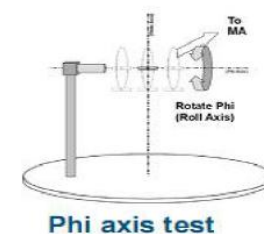
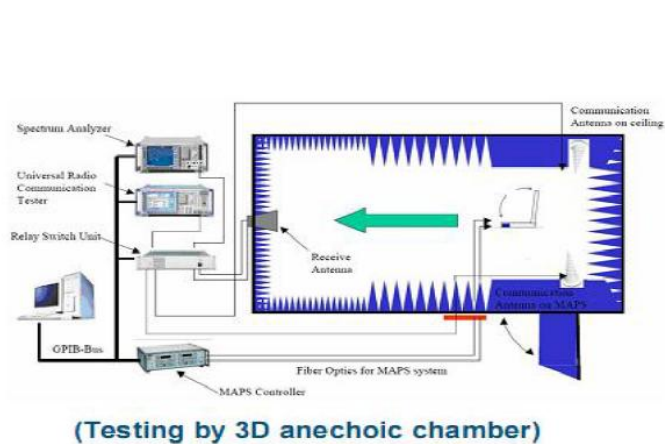
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

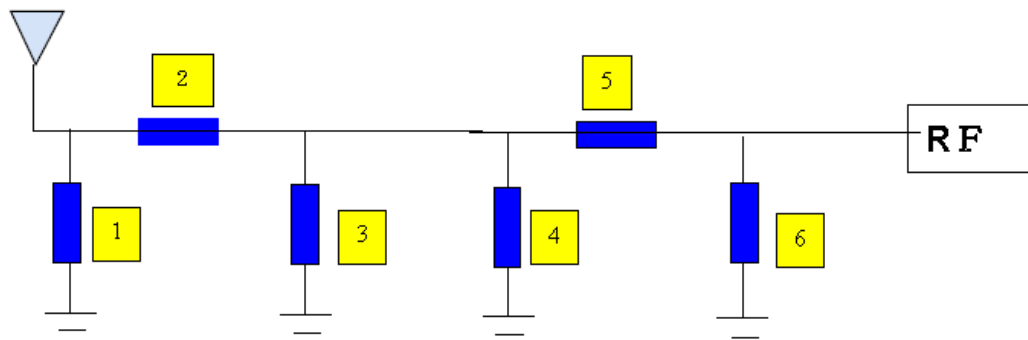
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

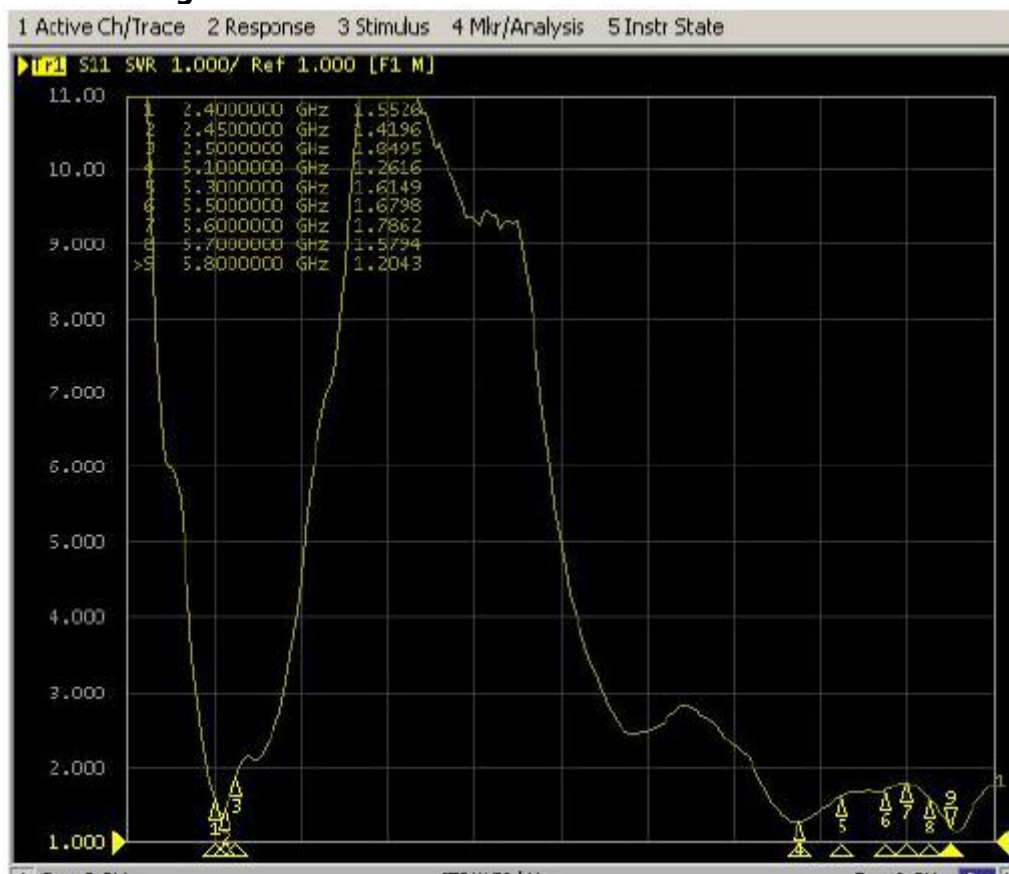


1.4. Matching circuit



2. Test Data:

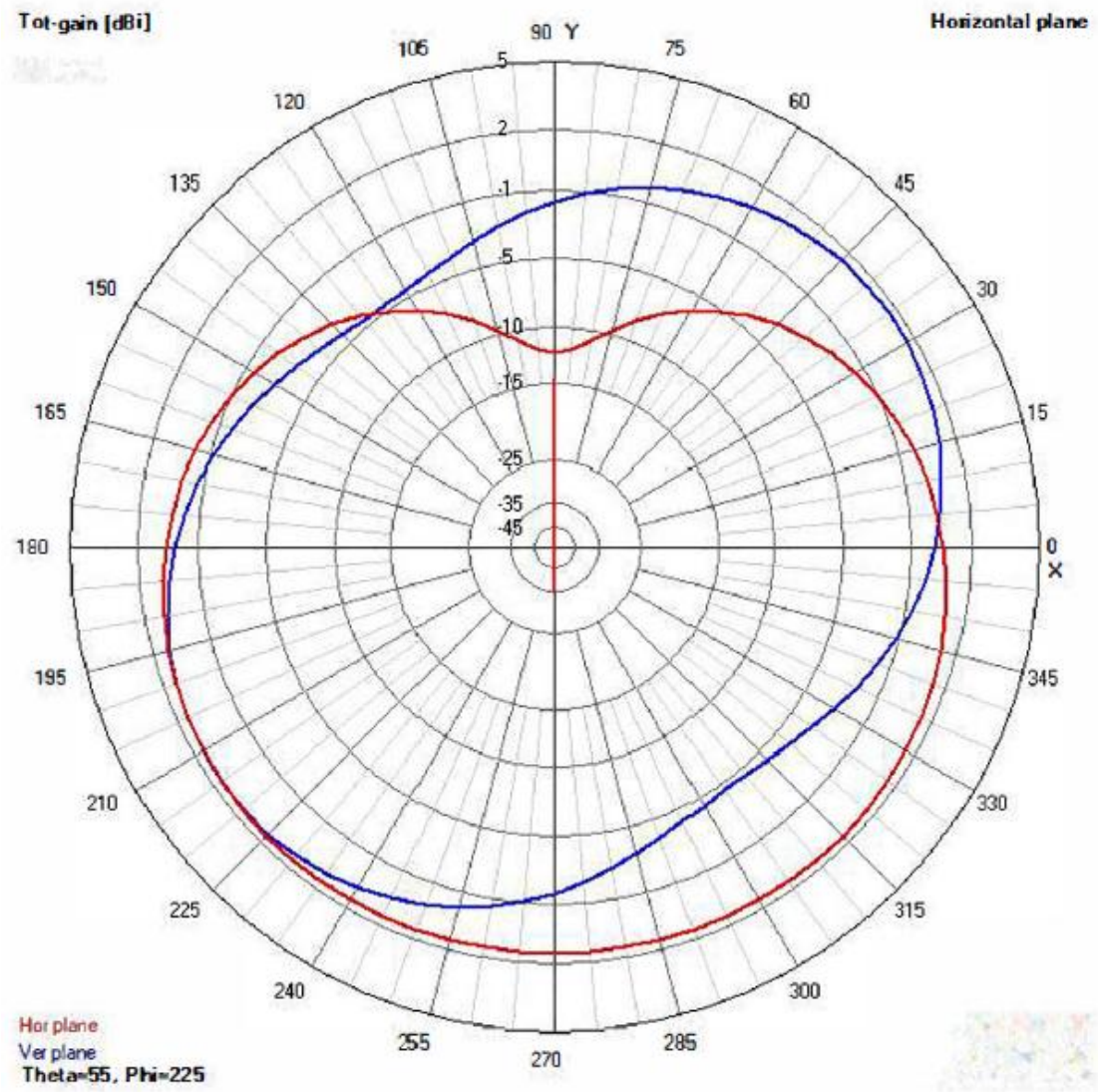
2.1. Standing wave ratio



2.2.Efficiency

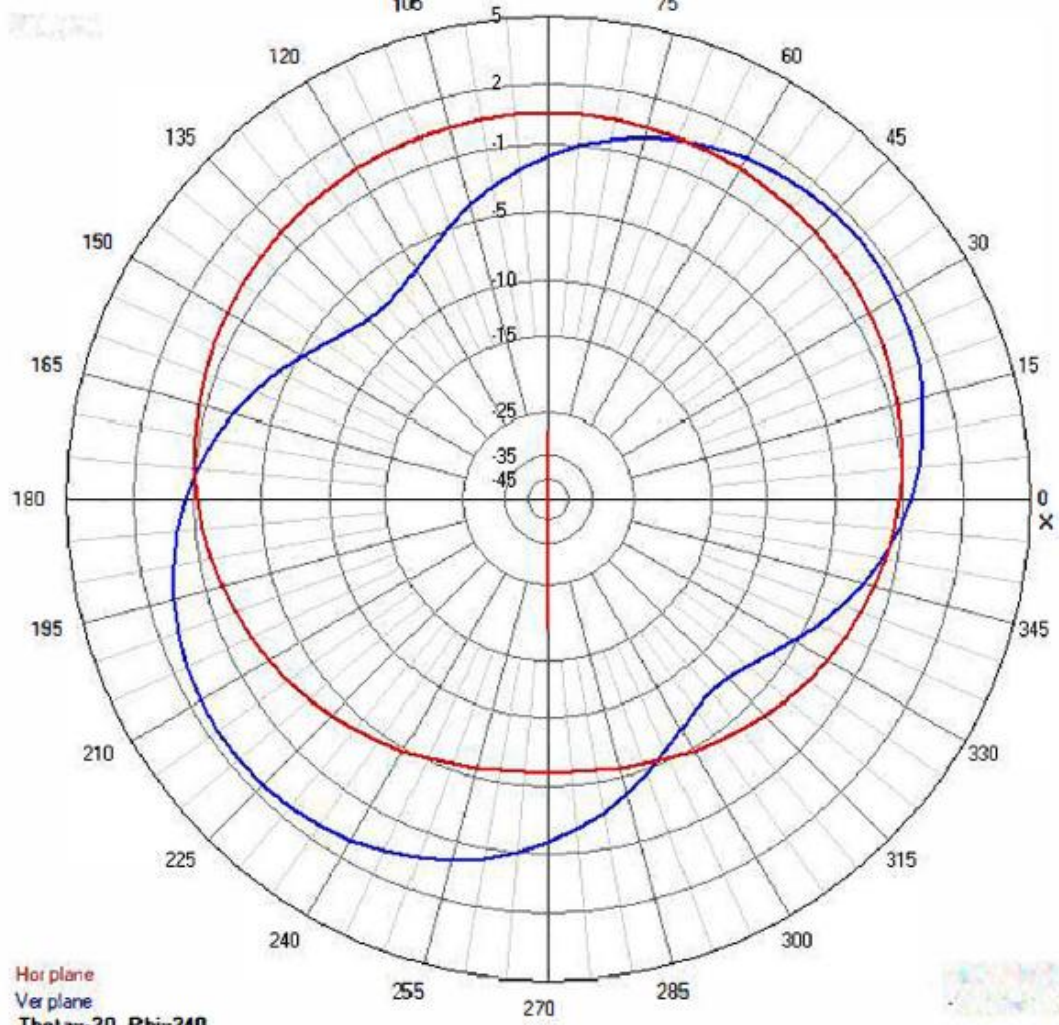
Fred (MHz)	Effi (%)	Effi (%)	Gain (dBi)
4900	60.30	-0.78	1.70
5000	60.53	-0.44	1.26
5100	60.61	-0.25	1.00
5200	60.27	-0.69	1.17
5300	60.49	-0.35	1.89
5400	60.96	-0.35	1.55
5500	60.30	-0.75	1.87
5600	60.73	-0.58	1.81
5700	60.76	0.16	1.11
5800	60.21	-0.63	2.00
5900	60.47	-0.28	1.59

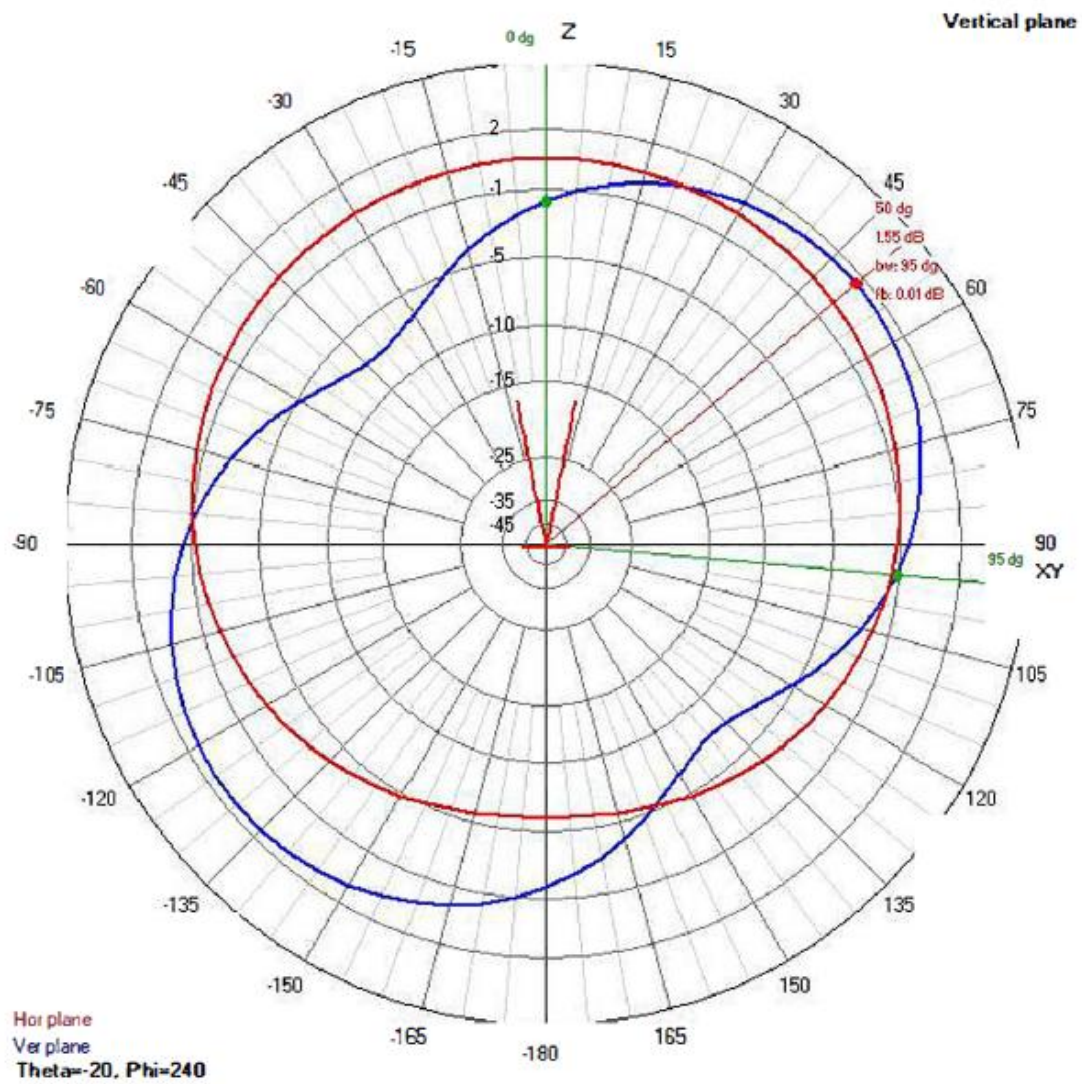
2.3.Directivity diagram



Tot-gain [dBi]

Horizontal plane





3. Antenna drawing(MM):

