

Manufacturer	Shenzhen Inmante Electronic Technology Co., LTD
Address	Room A408, Zhonghuifu R&D Factory Area (Phase I), No. 1 Langjing Road, Xinshi Community, Dalang Street, Longhua District, Shenzhen City
Model	SQU80US
Antenna type	Internal antenna
Antenna Gain	3.82dBi for 900M Band

1.Test equipment and conditions:

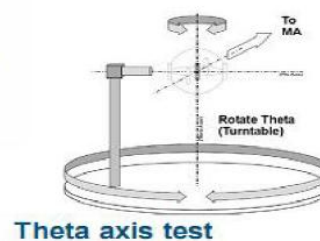
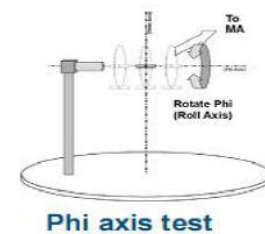
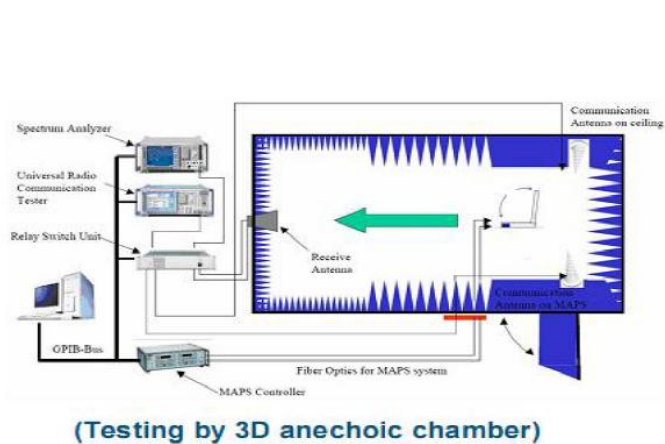
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

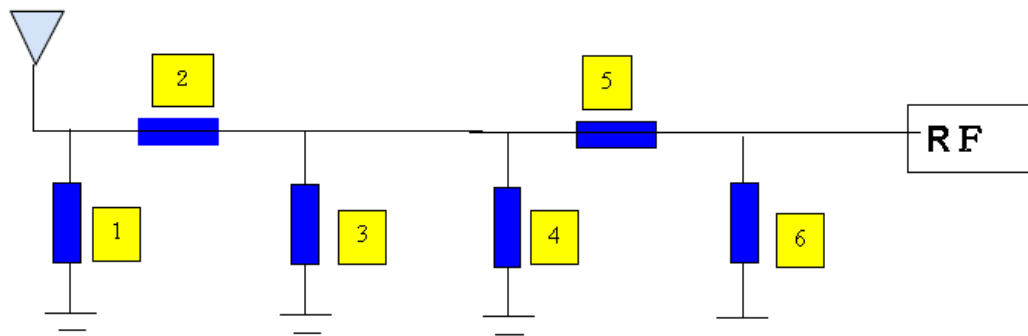
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system



1.4. Matching circuit

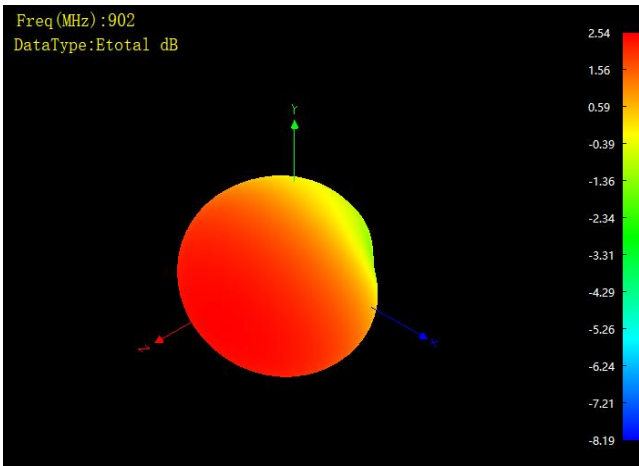
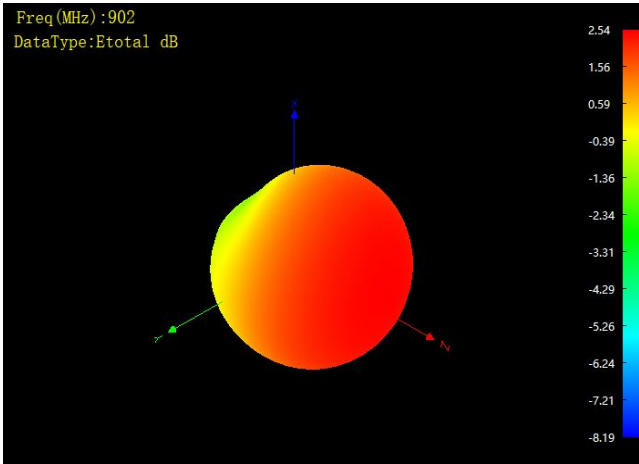


2.1. Efficiency

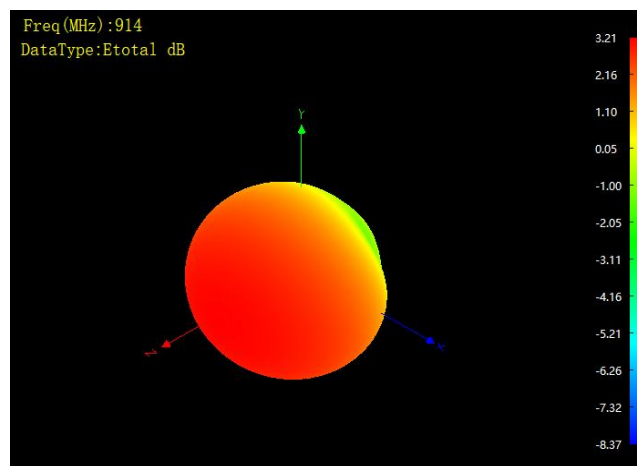
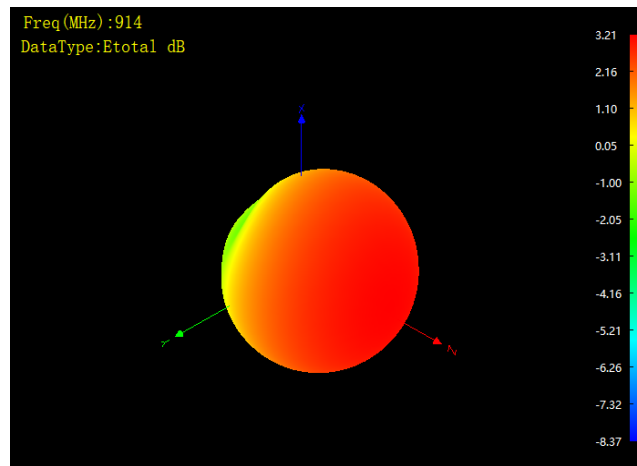
Frequency	Gain(dBi)	Bw(3dB)	Bw(3dB)	AR@Theta=0(dB)
902	3.21	129	126	1.31
904	3.31	129	124	1.24
906	3.49	129	123	1.22
908	3.62	130	124	1.23
910	3.66	130	122	1.17
912	3.74	131	120	0.96
914	3.73	130	120	0.73
916	3.74	129	121	0.97
918	3.82	130	121	0.61
920	3.63	131	123	0.49
922	3.61	130	123	0.51
924	3.57	129	122	0.44
926	3.57	129	122	0.51
928	3.49	128	122	0.45

2.3.Directivity diagram

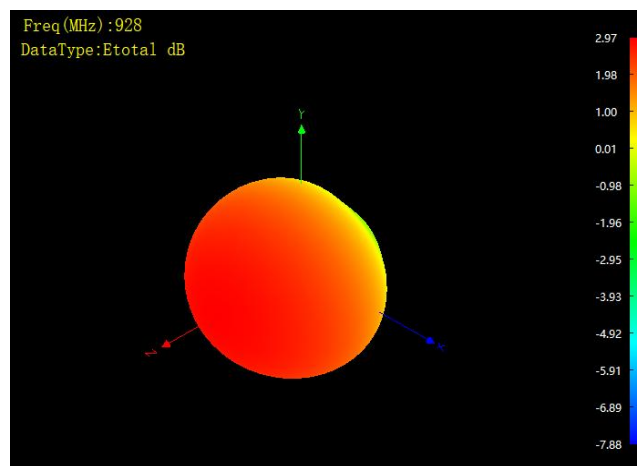
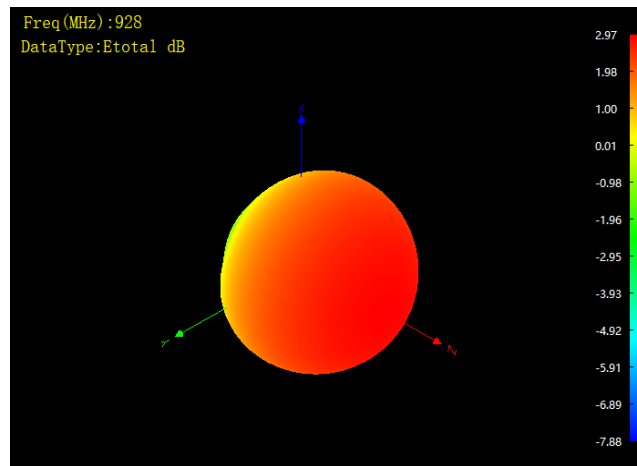
902M



914M



928M



3. Antenna drawing (mm) :

