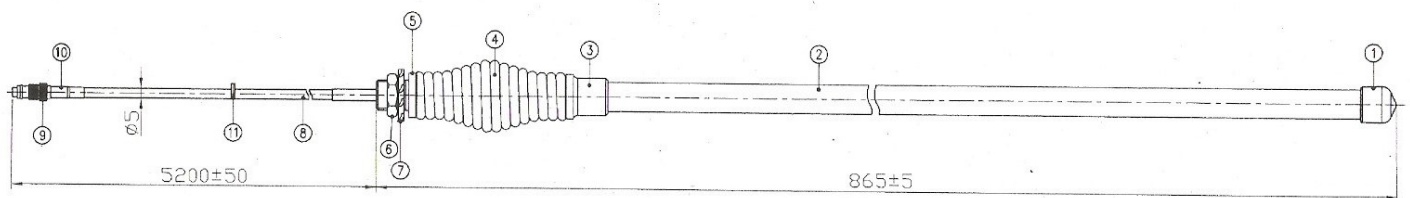


ANT478 GSM / 4GX LTE Antenna

Specification

- 1.Product Type.GSM+LTEANT
- 2.Chinmore NoYG-21D-2
- 3.Frequency690~960/1800~2300MHz
- 4.VSWR: 2.0:1
5. Cable:CFD-195
- 6.Connector:FME F
- 7.Gain: 3.5dBi

RoHS Compliant



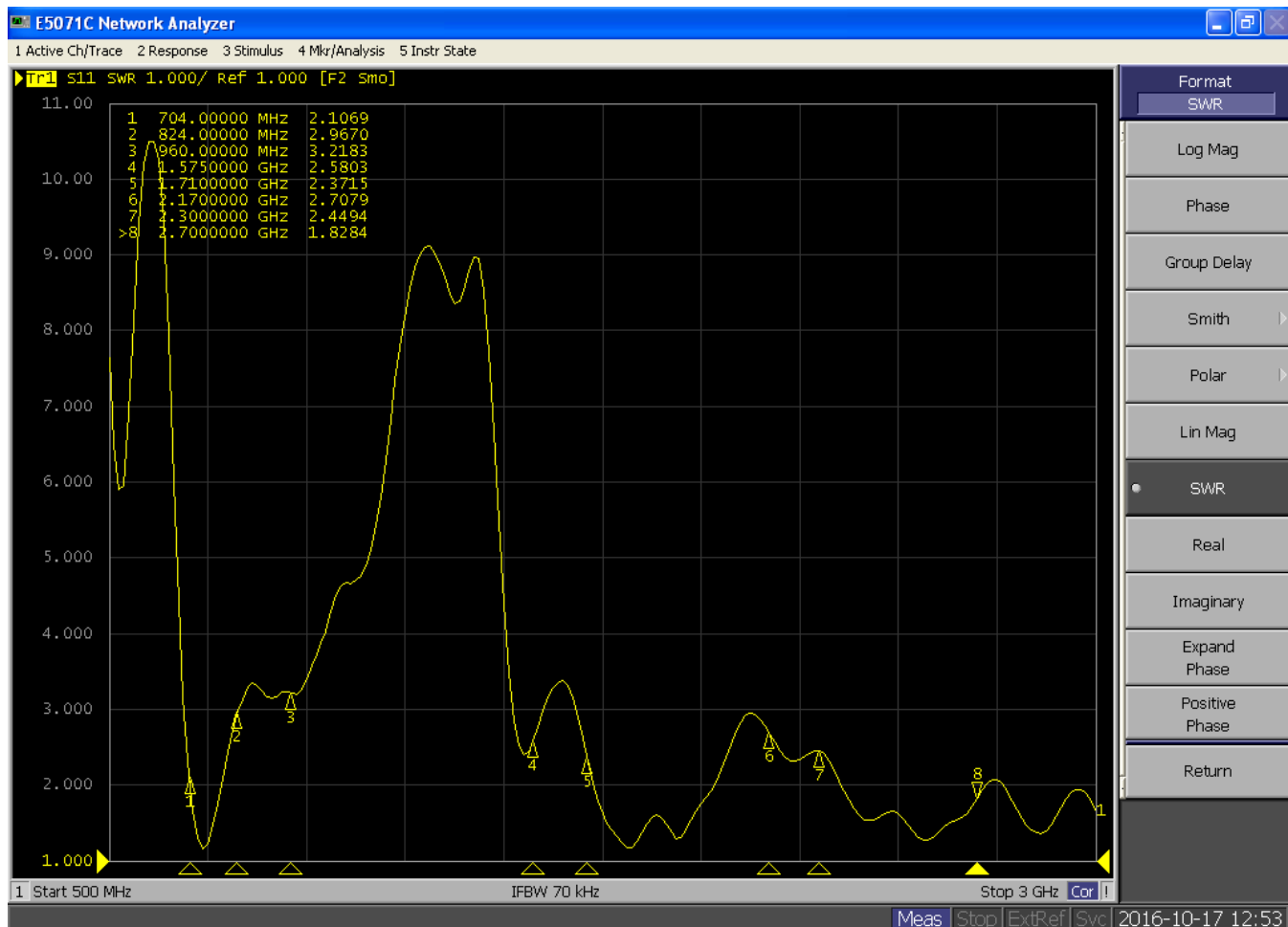
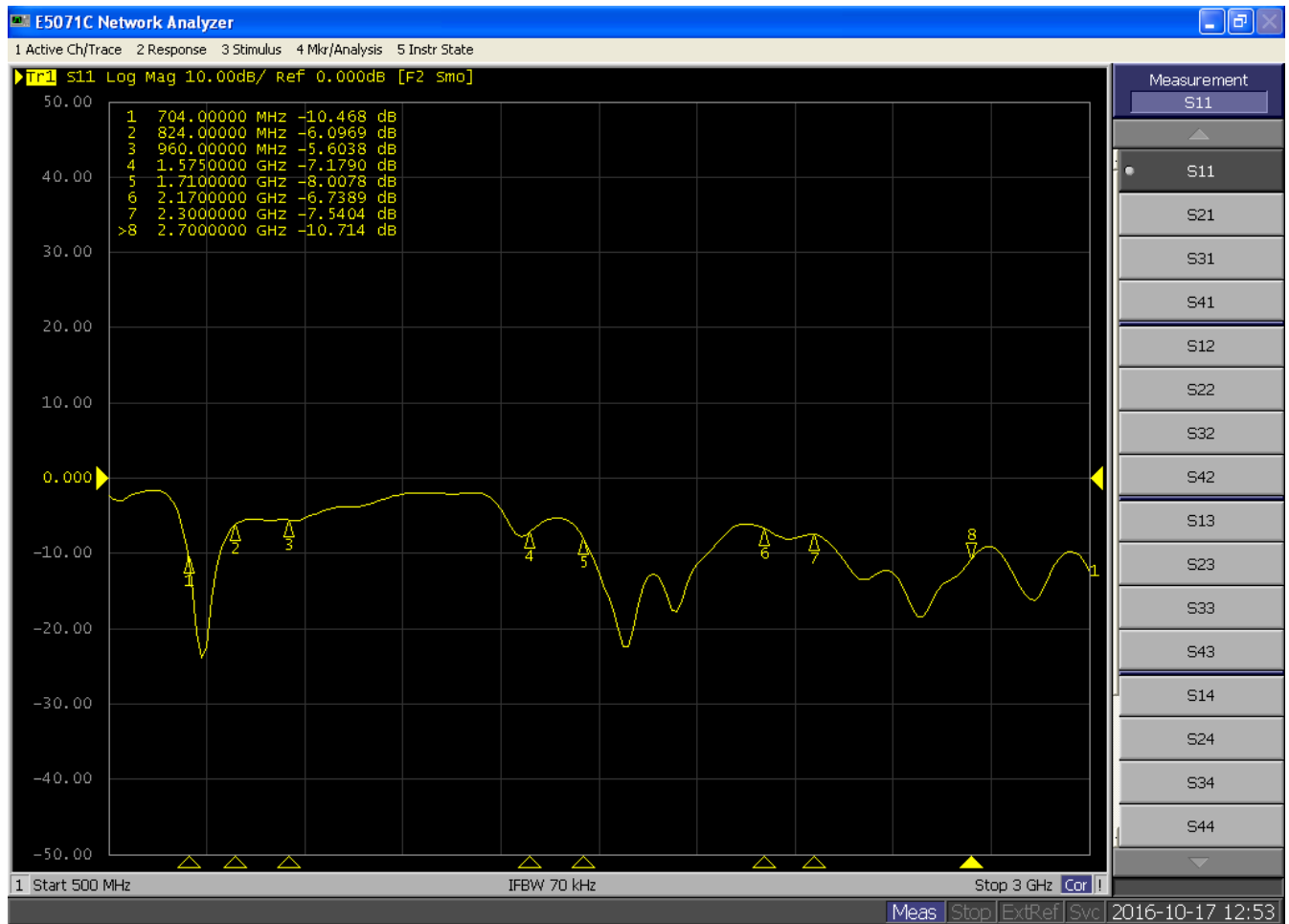
ELECTRICAL(20cm)

Frequency (MHz)	GAIN (dBi)	Efficiency (%)
690	2.78	85.52
850	1.87	55.69
900	3.20	60.04
960	2.05	55.87
1800	5.08	62.08
1900	4.12	52.59
2100	1.58	56.01
2300	2.96	64.46

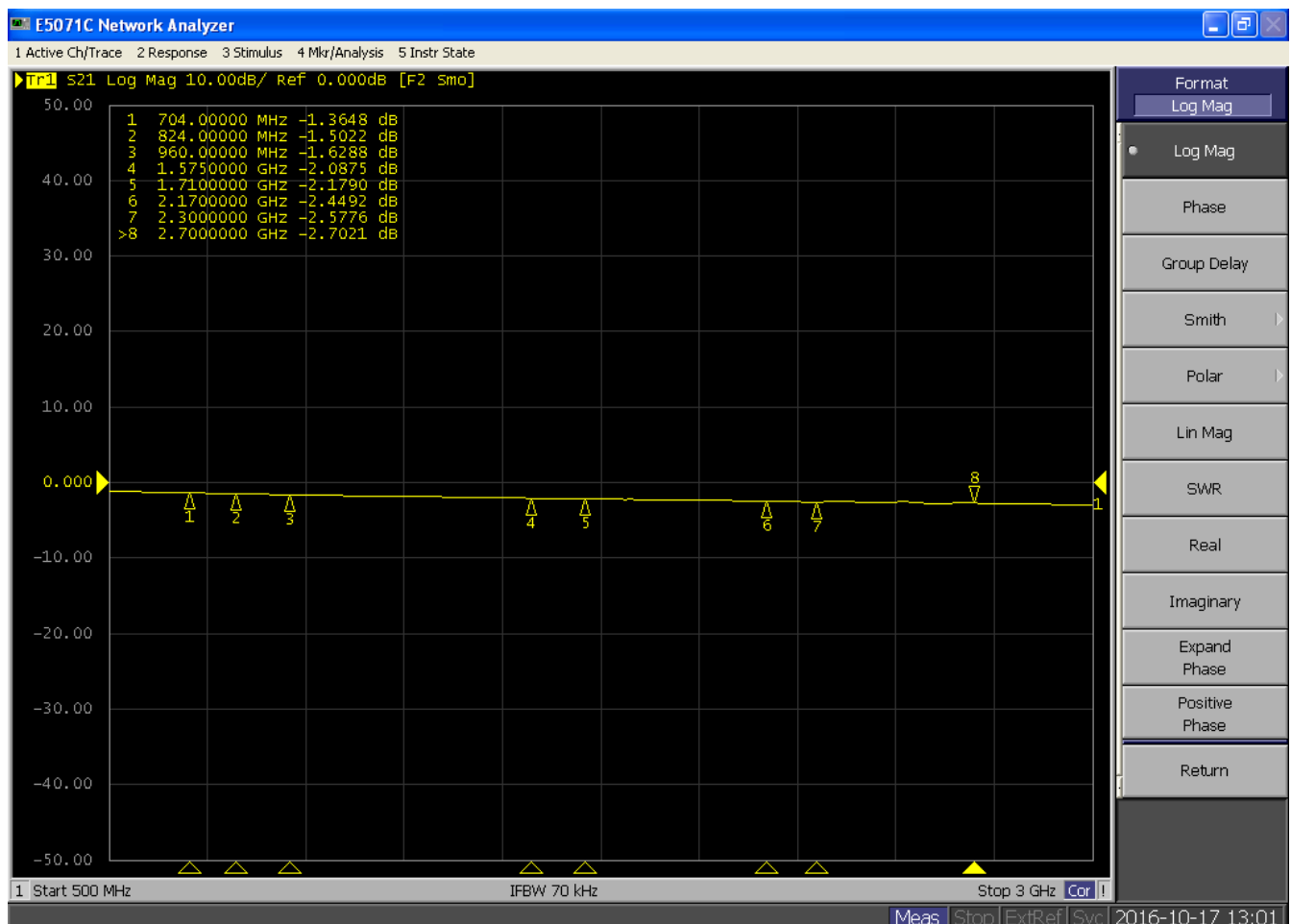
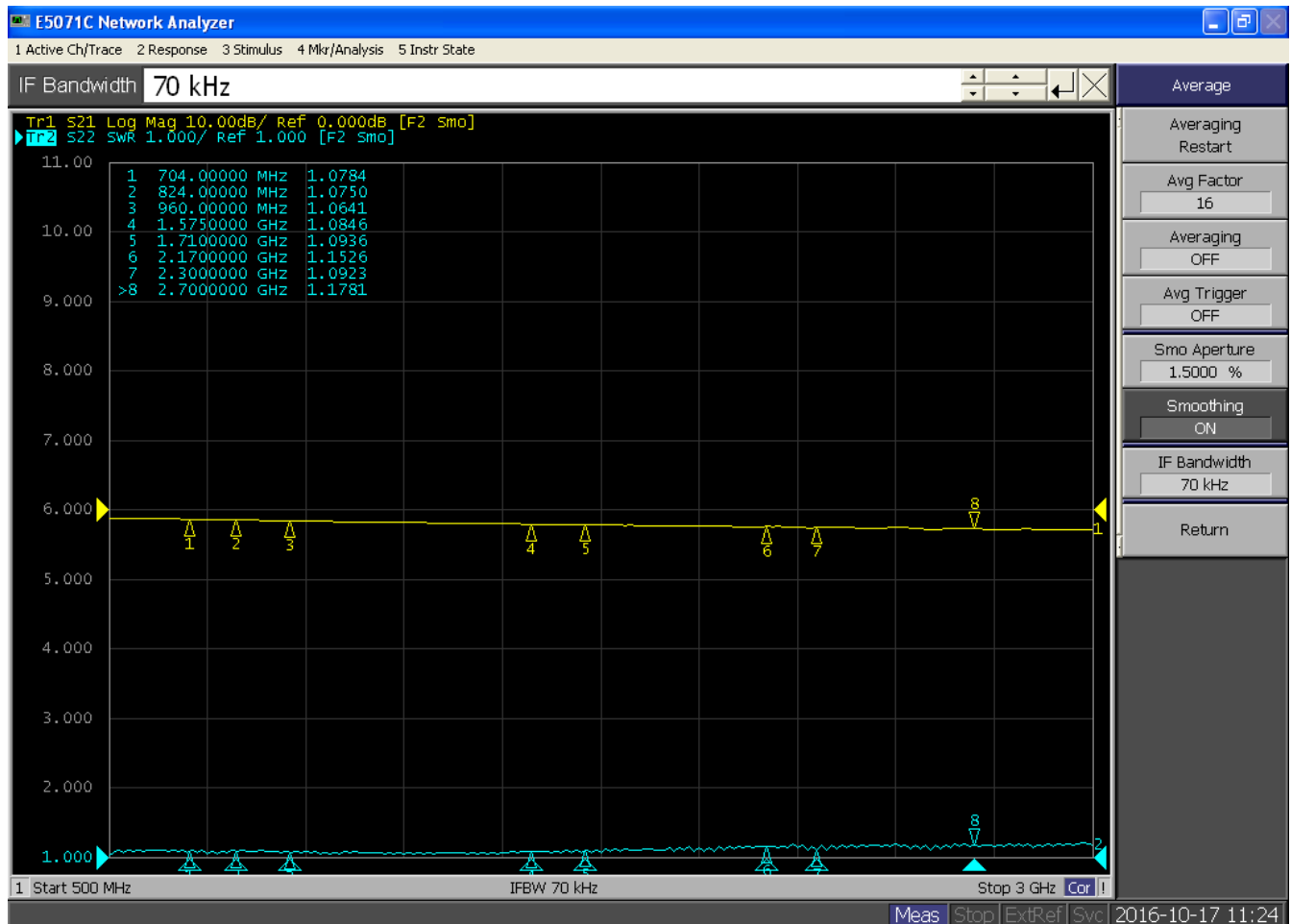
ELECTRICAL(5.2M)

Frequency (MHz)	GAIN (dBi)	Efficiency (%)
690	3.67	71.22
850	2.06	45.43
900	2.01	41.19
960	1.99	37.28
1800	2.26	37.65
1900	1.21	29.86
2100	-0.17	32.83
2300	0.05	34.19

Return Loss/VSWR(20cm)

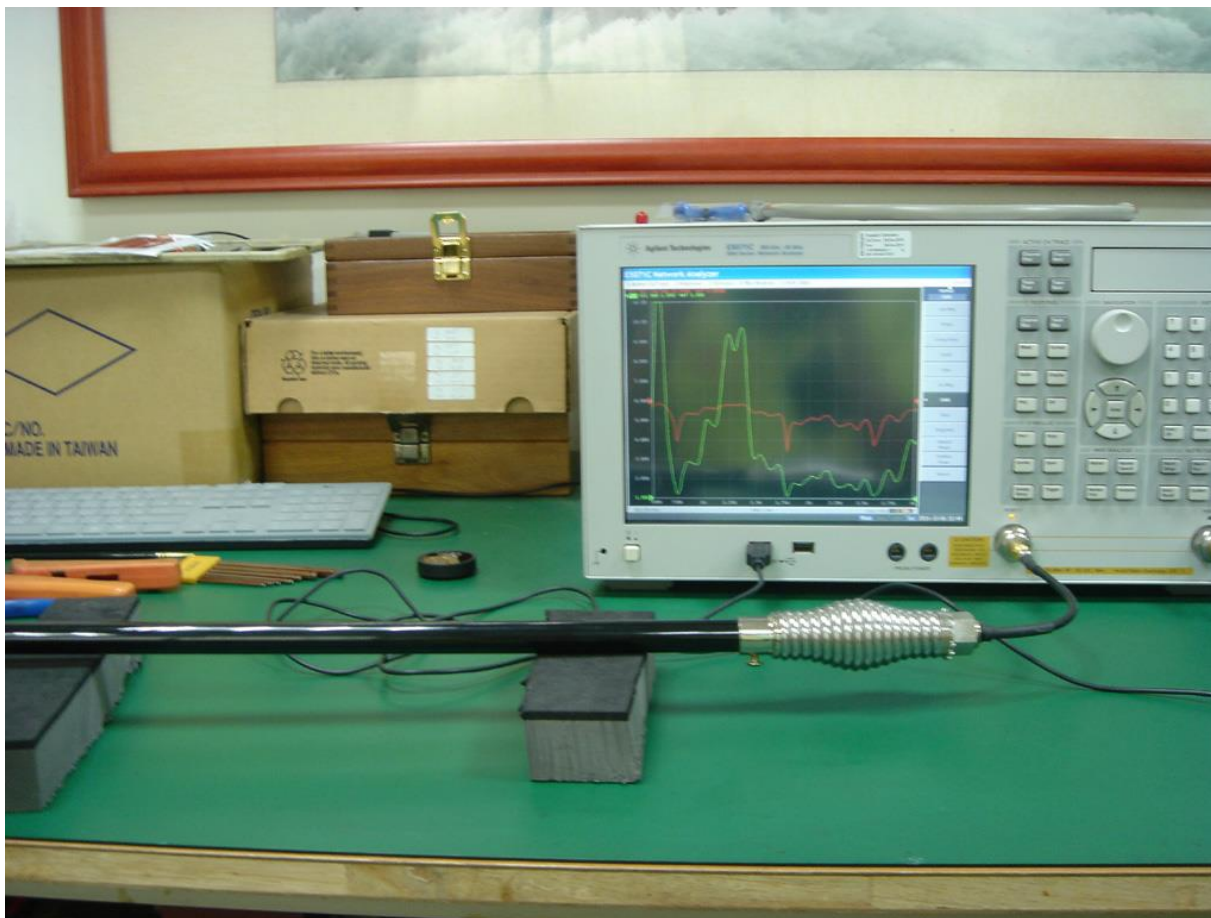


Return Loss/VSWR(5.2M)

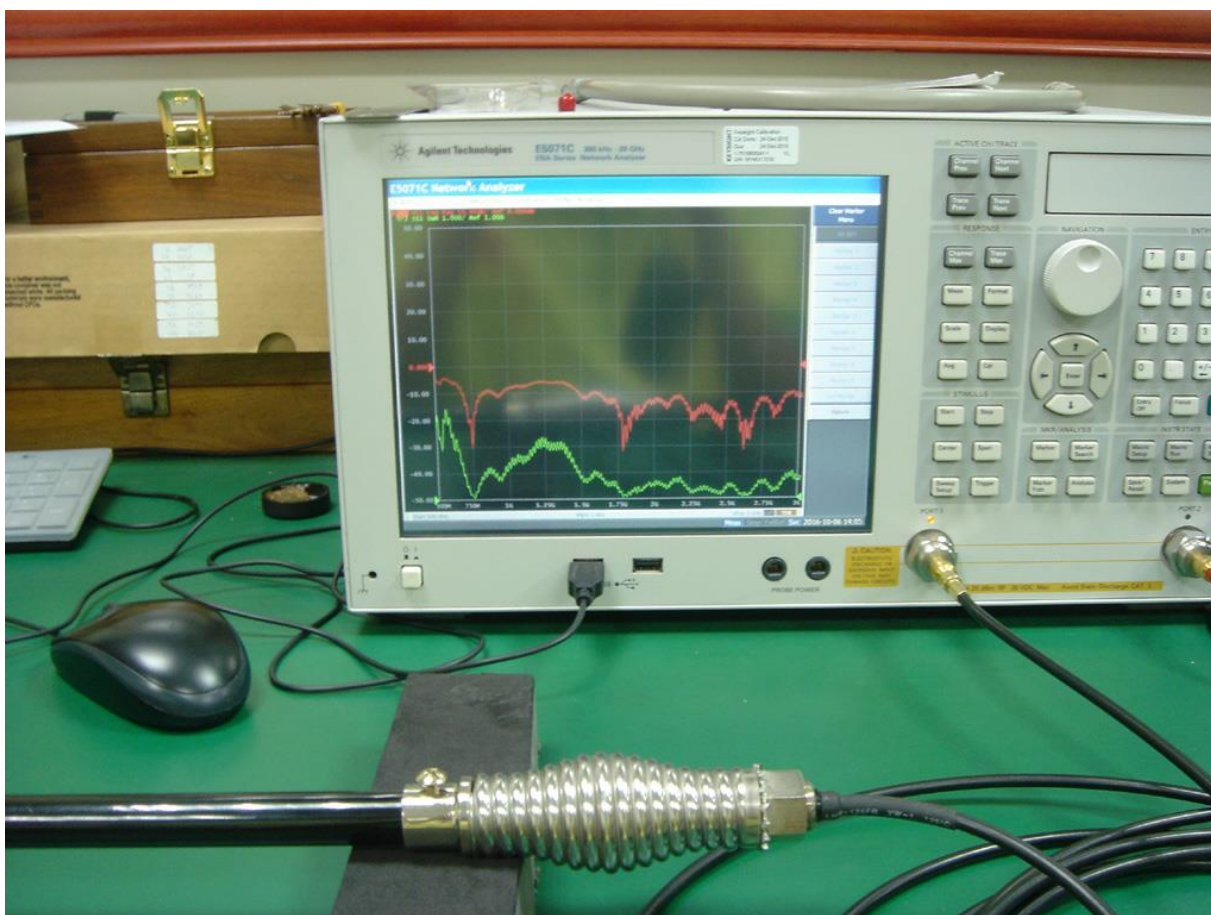


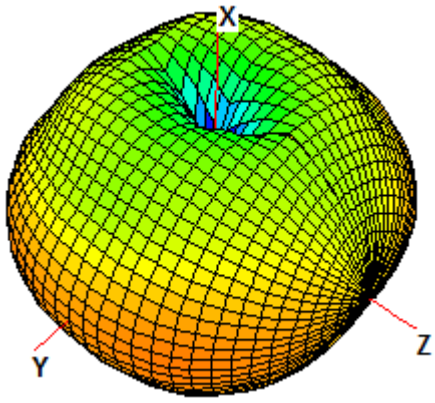
Measurement Method

1. TEST Photo(20cm)

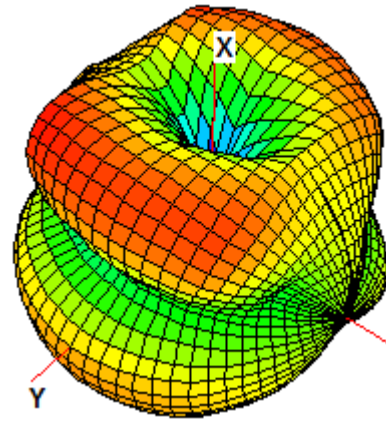


2. TEST Photo(5.2M)

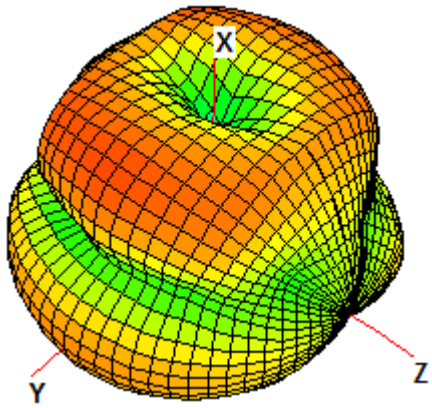




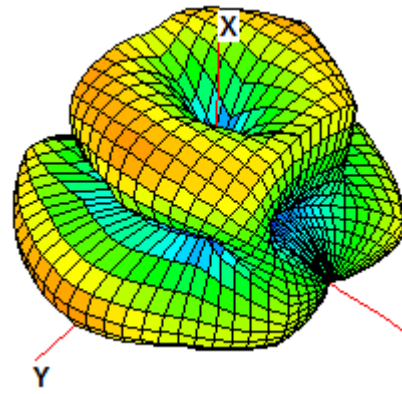
690



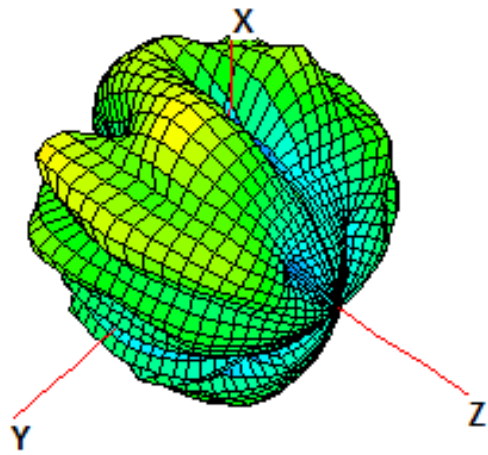
850



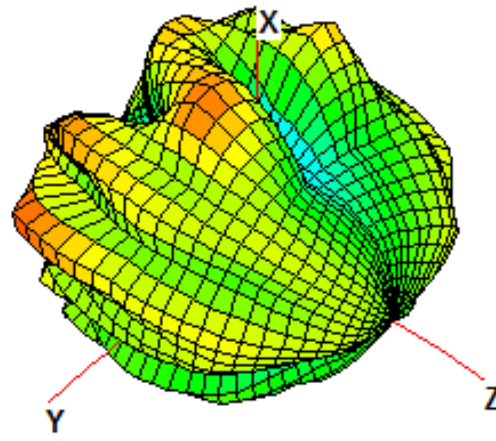
900



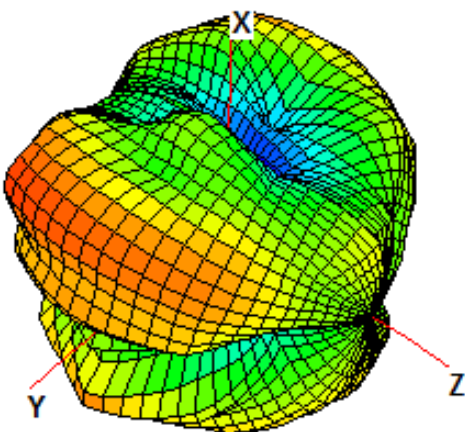
960



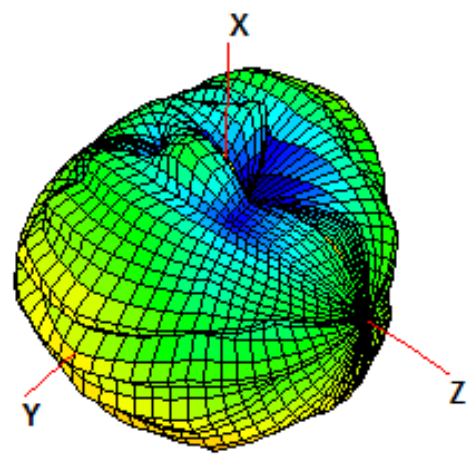
1800



1900



2100



2300