Shenzhen DBT Telecommunication Technology CO.,LTD

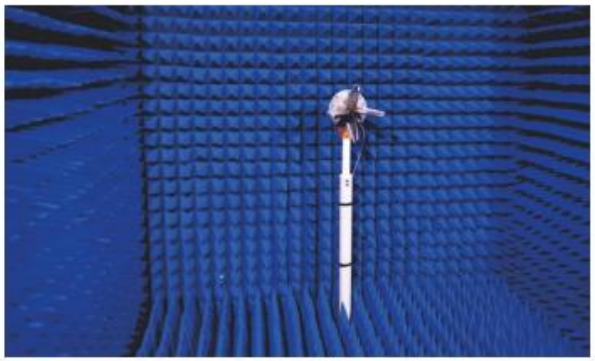
Antenna specifications

Customer ： EIOT

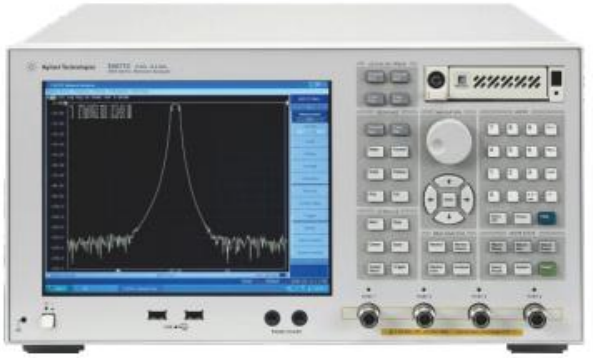
Project ： H652

Antenna standard： BT

1. Test equipment



OTA-800
Model： ETS

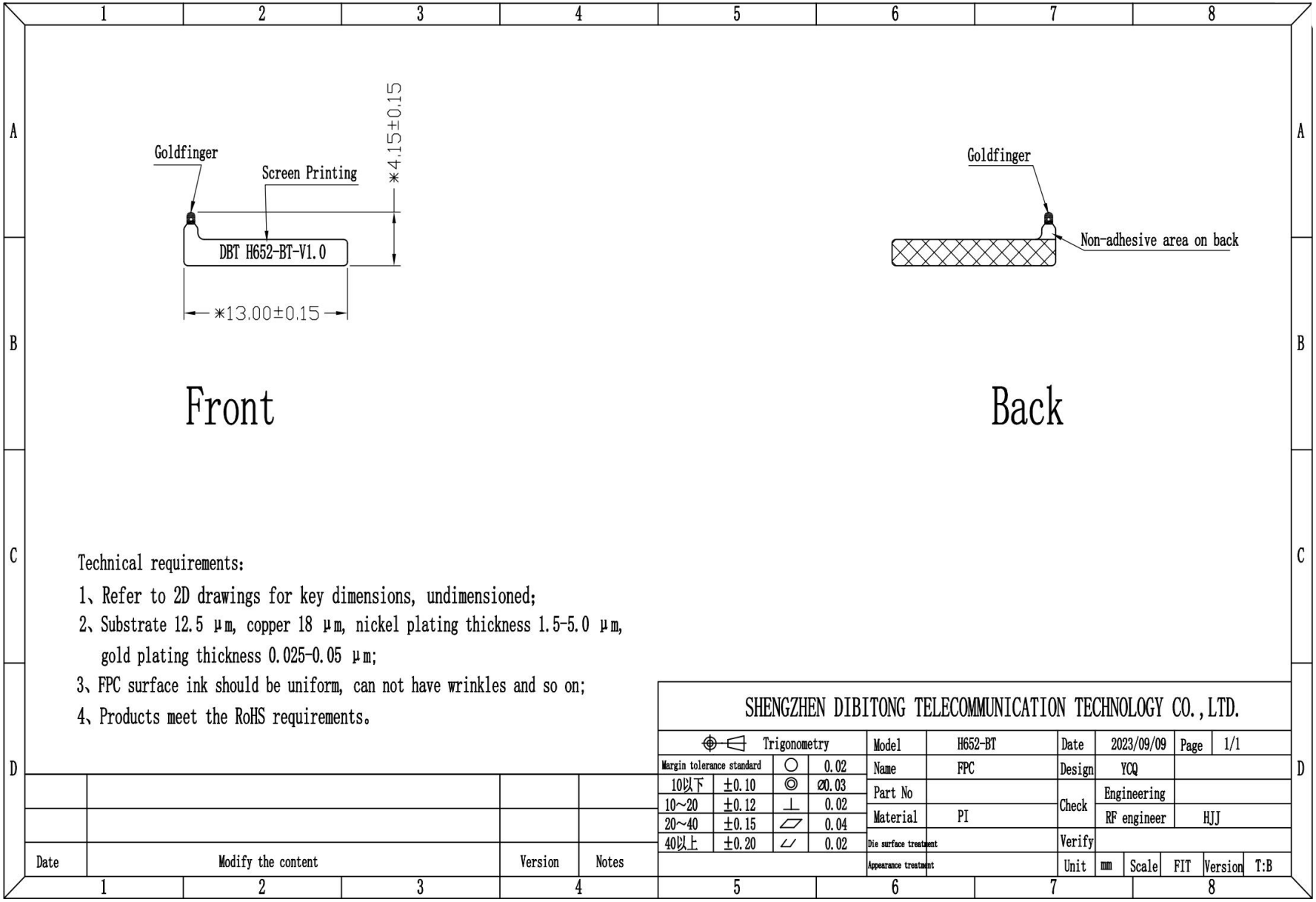


5071C
Model： Agilent

8960
Model： Agilent

CMW500
Model： ROHDE&SCHWAR

2.Antenna Drawing

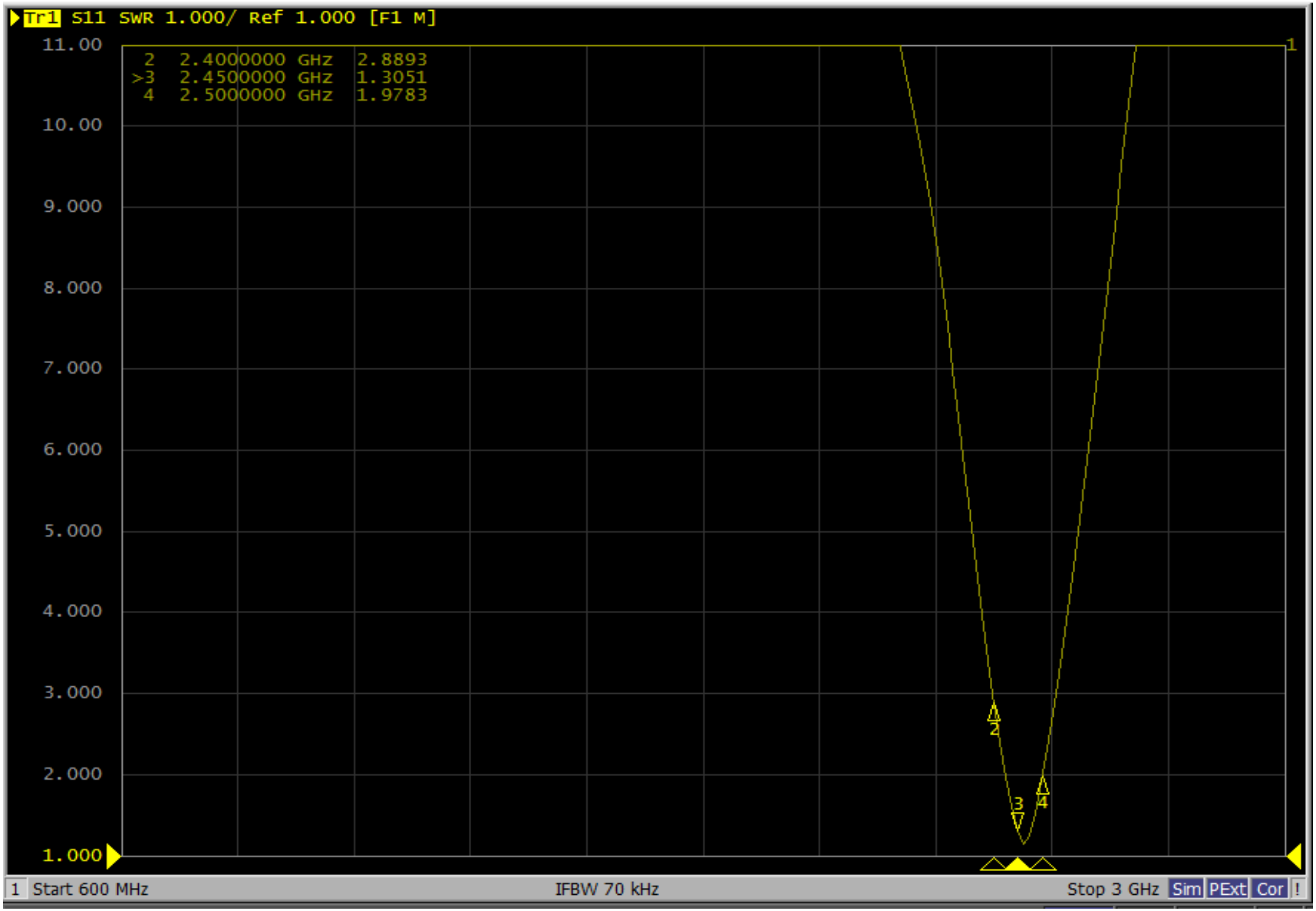


3.Electrical Performance Index

Electrical Parameter	
Frequency Range (MHz)	2400~2500
VSWR	≤2.9
Input Impedance(Ω)	50
Gain(dBi)	-11.83
Radiation efficiency(%)	1.8%
Max power(W)	10
Antenna Type	monopole
Working Temperature(℃)	-40~+80

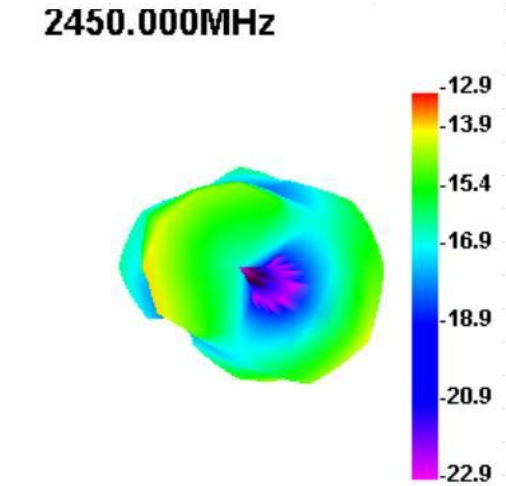
4.Antenna S11 data

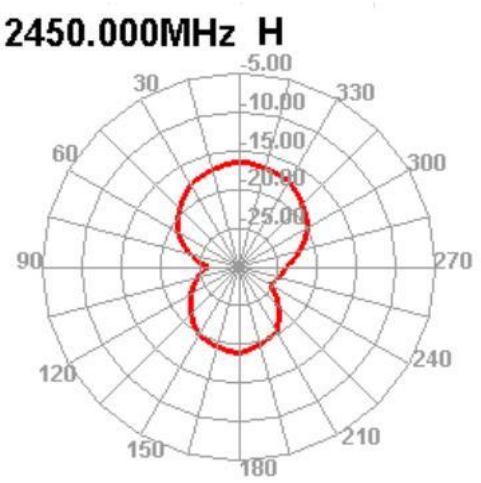
BT

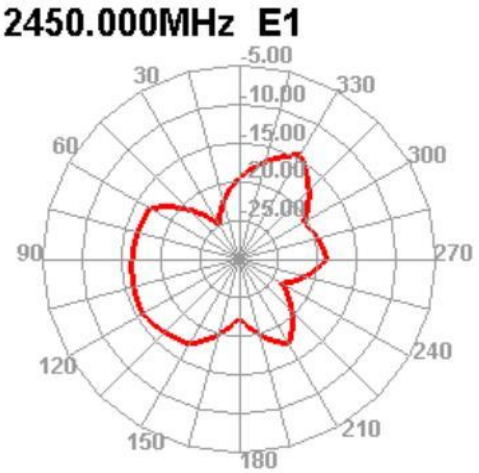


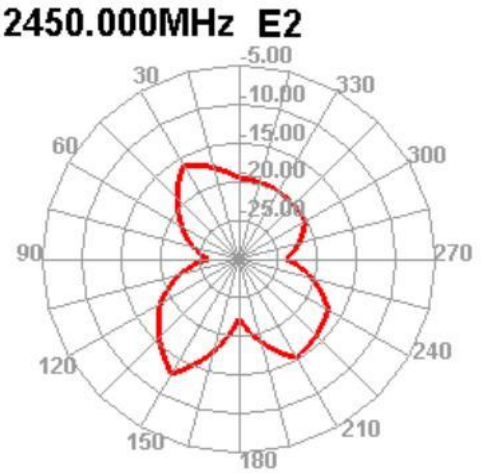
5.Antenna Efficiency/Gain (free space)

BT		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	1.63	-12.21
2410	1.71	-11.83
2420	1.55	-12.21
2430	1.52	-12.34
2440	1.72	-12.1
2450	1.52	-12.92
2460	1.87	-12.41
2470	1.83	-12.85
2480	2.33	-11.85
2490	1.73	-12.97
2500	2.05	-11.9









6.Products to be tested