



深圳市千目通讯科技有限公司

Shenzhen Qianmu Communication Technology Co., Ltd.

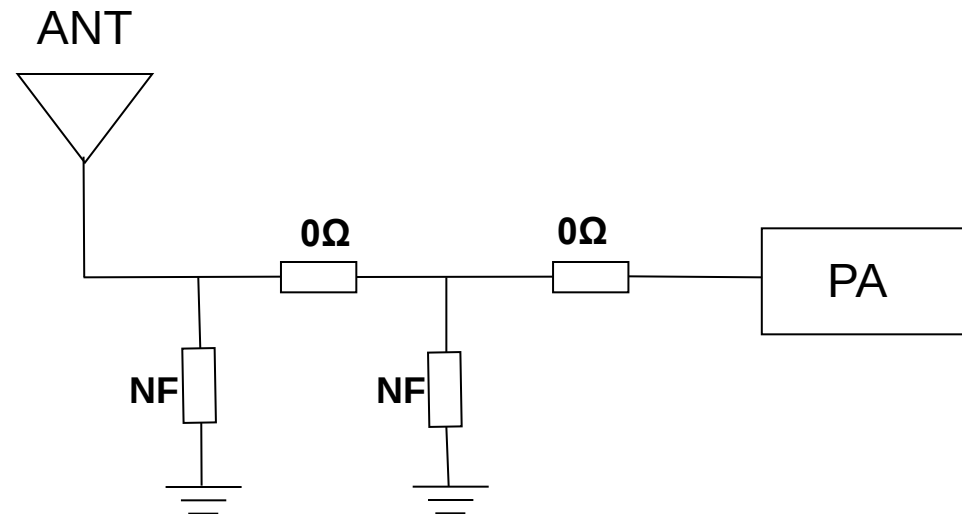


Debugging instructions of the whole machine

type	Functional machine						
edition	T65M						
Overview of antenna	Main antenna	frequency band		Antenna state	Antenna form	Design area	Matching change
		2G	900/1800/850/1900	Mold sample	PIFA	back shell	No
Prototype state				Environmen tal treatment	Multiple places		



Matching circuit -GSM antenna





Active test data-Freespace

Antenna state	Mold sample			Shell state	retest		
	GSM900				DCS1800		
Channel	1	62	124		512	698	885
TRP	28.22	28.58	28.51		24.16	25.24	25.41
TIS			-103.22				-103.44
	GSM850				PCS1900		
Channel	128	190	251		512	661	810
TRP	28.26	28.03	28.39		25	25.31	25.37
TIS			-103.46				-103.17

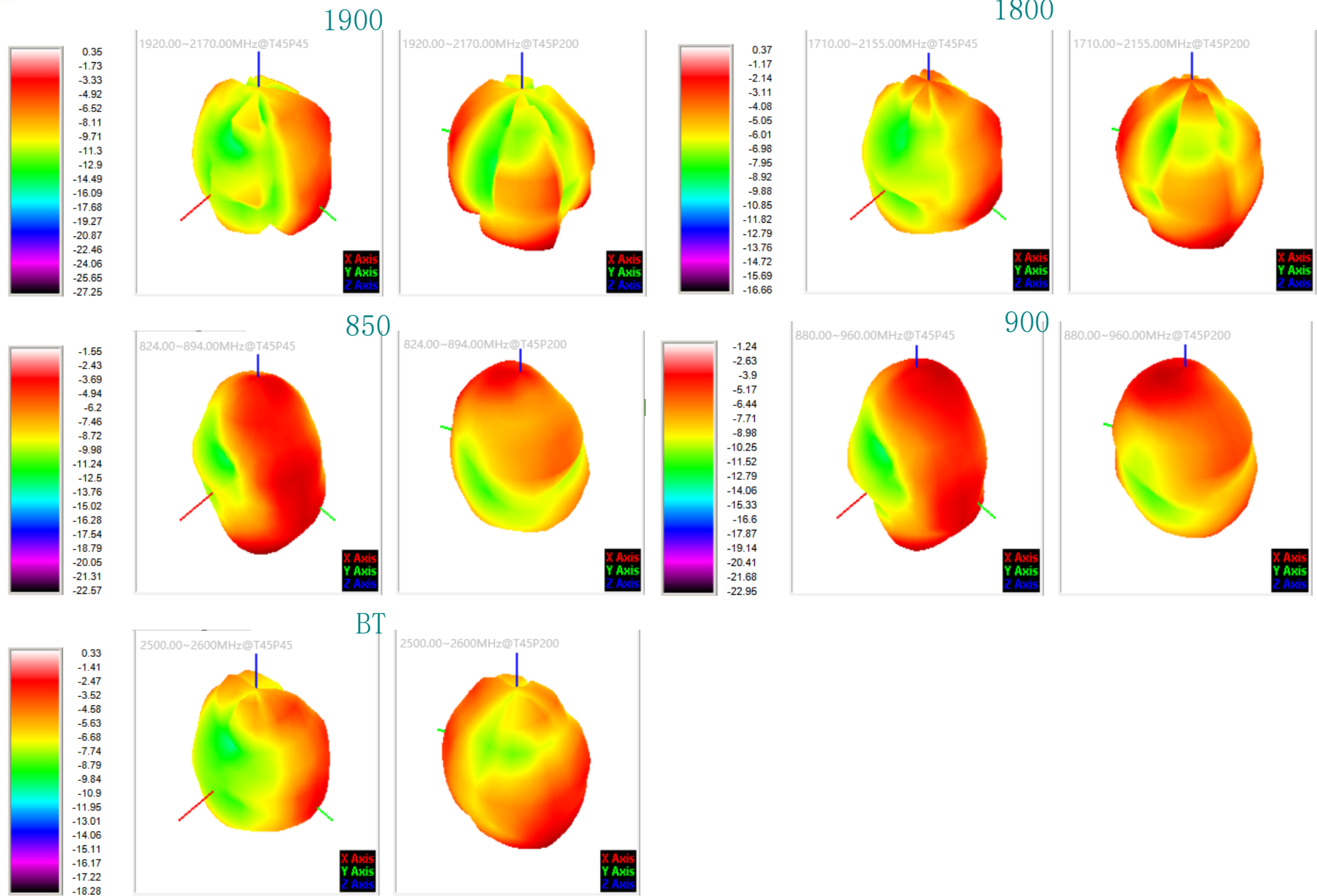


Antenna gain:

PEAK GAIN		
2G:	Frequency range	Gaim dBi
GSM850	824~894Mhz	-1.55
GSM900	880~960Mhz	-1.24
DCS1800	1710~1880Mhz	0.37
PCS1900	1850~1990Mhz	0.35
2. 4G-BT	2400~2500Mhz	0.33

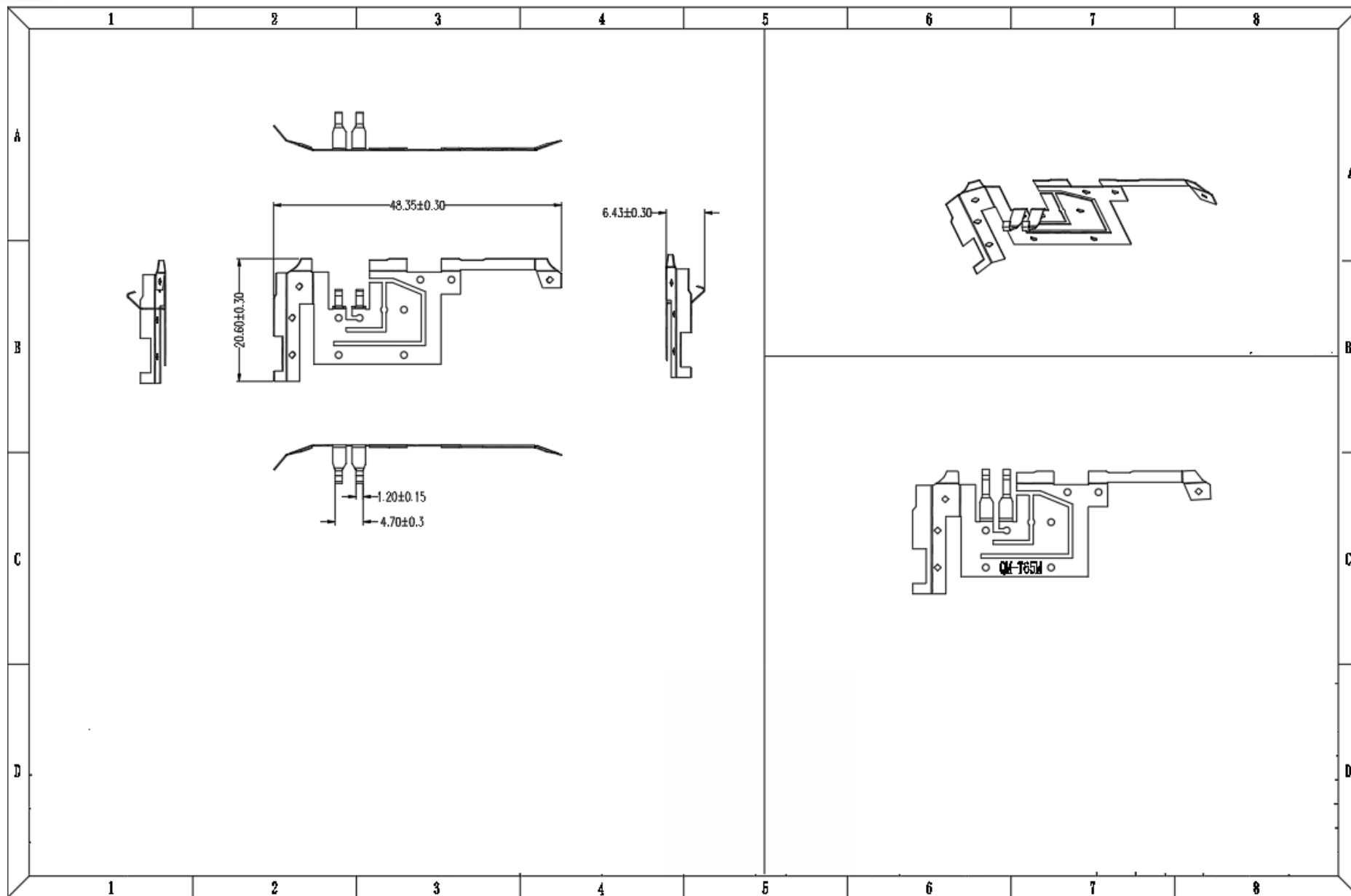


Main antenna pattern:





Antenna circuit diagram:





BT antenna size diagram:

