



深圳市千目通讯科技有限公司

Shenzhen Qianmu Communication Technology Co., Ltd.

Address: 443, 425, Block A2, Huafeng Zhigu Hangcheng High-tech Industrial Park, Gushu Street, Baoan District, Shenzhen

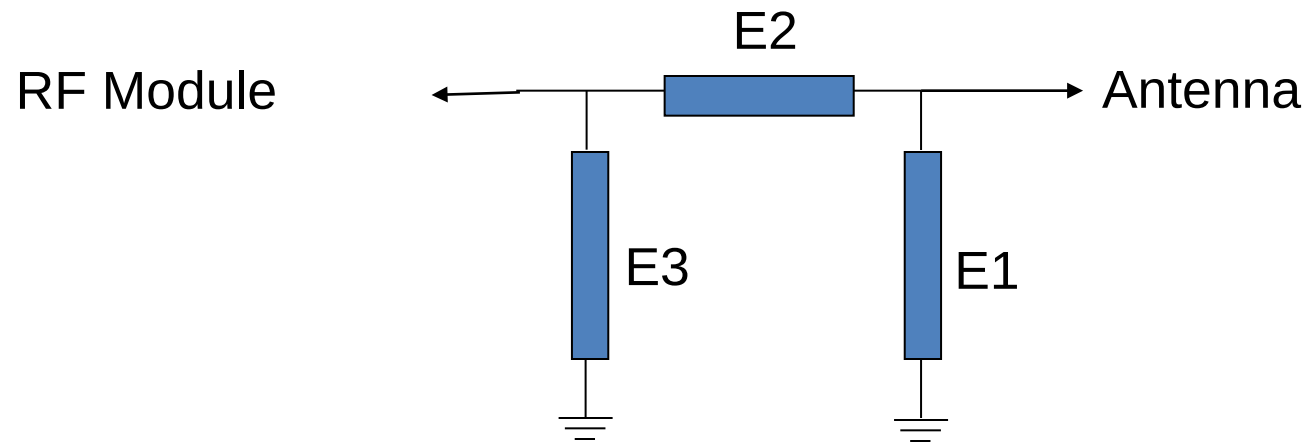


Debugging instructions of the whole machine

type	Functional machine						
type	mainboard						
Overview of antenna	Main antenna	frequency band		Antenna state	Antenna form	Design area	Matching change
		2G	850/1900	Mold sample	PIFA	Shell material	without
		3G					
		4G					
	Other antennas	BT					
		GPS					
Prototype state	Debugging prototype			Environmen tal treatment	without		



Main antenna matching circuit



Element	Value
E1 (0201)	
E2 (0201)	0 Ω
E3 (0201)	



test data-Freespace

Antenna state	Mold sample			Shell state	Debugging prototype		
	GSM850				PCS1900		
Channel	128	190	251		512	661	810
TRP	28.19	28.17	28.31		24.19	24.42	24.44
TIS			-103.27				-103.23

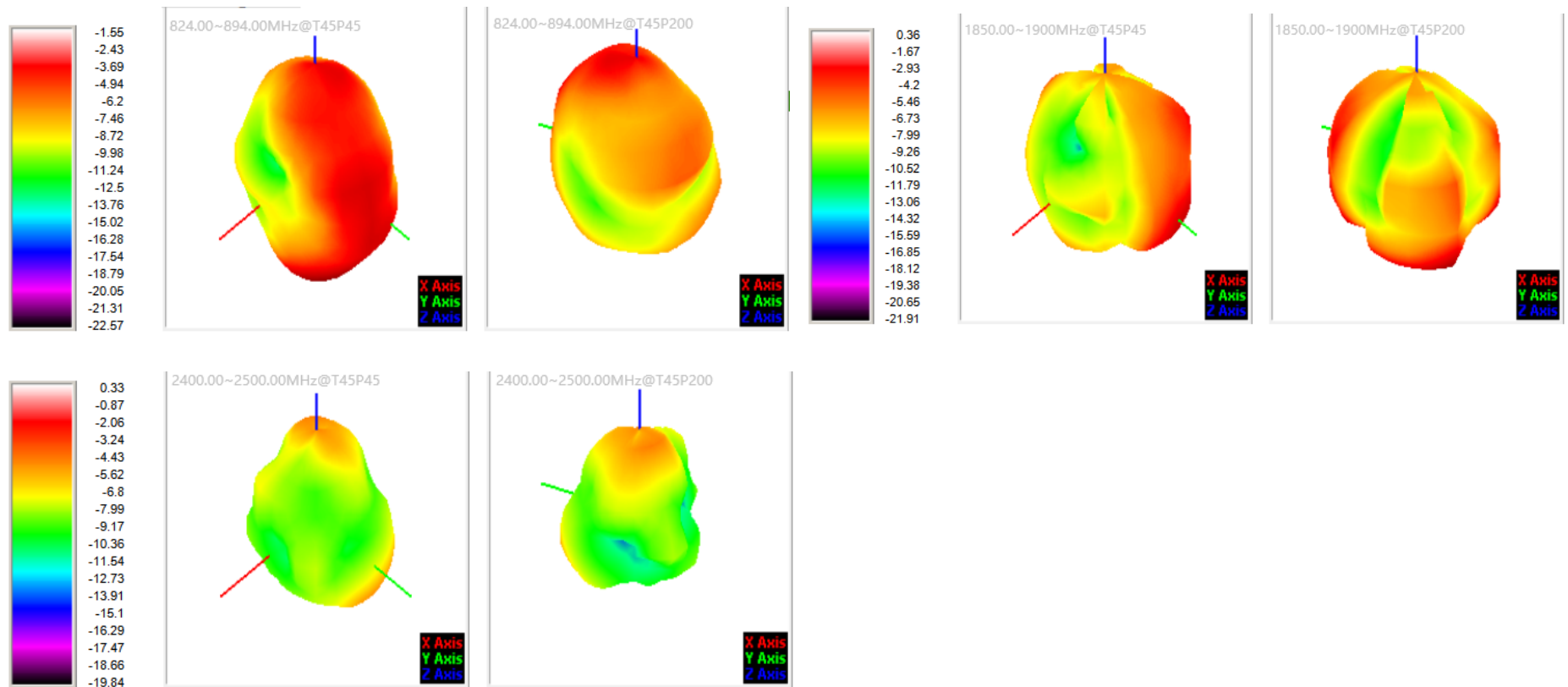


antenna gain

PEAK GAIN		
2G:	Frequency range	Gaim dBi
GSM850	824~894Mhz	-1.55
PCS1900	1850~1990Mhz	0.36
2.4G-BT	2400~2500Mhz	0.33

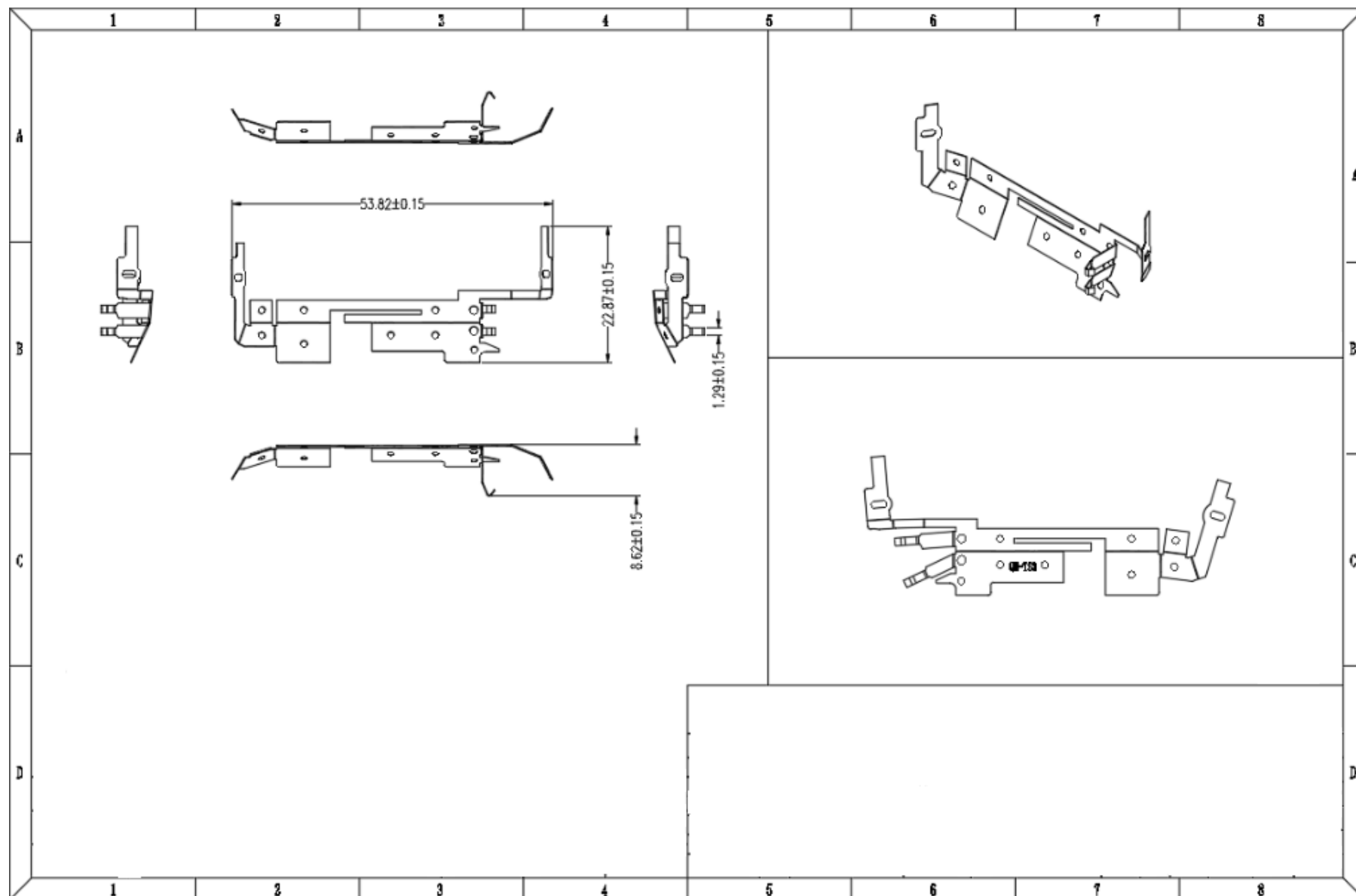


Main antenna pattern





Antenna circuit diagram





BT antenna size diagram

