



深圳市千目通讯科技有限公司

Shenzhen Qianmu Communication Technology Co., Ltd.

专注天线方案、设计与生产

项 目/Project: M155A

日 期/date: 2023-05-19

射 频/RF engineer: zhangweijin



天线外观

GSM/WCDMA/LTE Antenna



Bluetooth/Wifi/GPS Antenna





BAND	GSM 900				DCS 1800		
Channel	1	62	124		512	698	885
TRP	25.09	25.13	24.85		24.46	24.87	25.13
TIS			-102.82				-103.62
BAND	GSM 850				PDCS 1900		
Channel	128	190	251		512	661	810
TRP	26.37	26.45	26.35		25.54	25.8	25.4
TIS			-101.25				-103.47



BAND	WCDMA850				WCDMA1900		
Channel	4357	4400	4458		512	9820	9938
TRP	17.52	17.32	17.10		18.22	18.36	18.85
TIS			-102.1				-103.21



BAND	B2				B4		
Channel	18650	18900	19150		20000	20175	20350
TRP	18.55	18.23	18.18		17.63	17.89	18.47
TIS			-91				-91.66
BAND	B5				B7		
Channel	20800	21100	21400		20800	21100	21400
TRP	17.4	17.15	17.02		18.78	18.32	18.05
TIS			-85.36				-90.71



BAND	28A			28B	
Channel	27260	27433	42743	27510	27610
TRP	16. 23	16. 88	16. 47	17. 13	17. 32
TIS					-88. 47



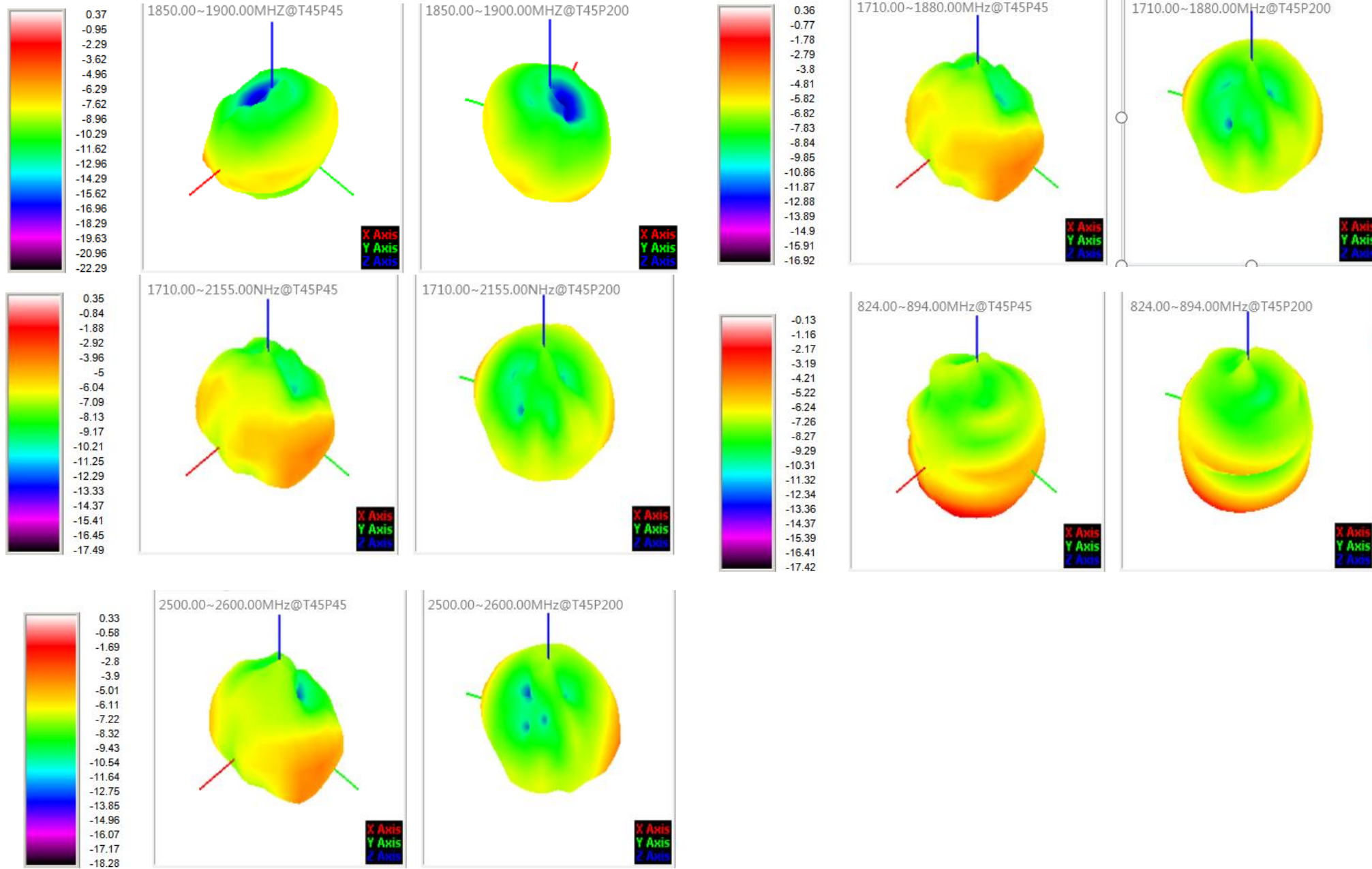
GAIN:

	Frequency	Gain (dBi)
B2(GSM1900/ W1900/FDD B2)	1850-1900MHZ	0.37
B3(GSM1800)	1710-1880MHZ	0.36
B4(FDD B4)	1710-2155	0.35
B5(GSM850/W850/FDD B5)	824-894MHZ	-0.13
B7(FDD B7)	2500-2600MHZ	0.33
B8(GSM900/W900)	880-960MHZ	-0.15
B28AB	703-803MHZ	-0.12

	Frequency	Gain (dBi)
wifi/BT	2400-2500MHZ	0.46
wifi	5000~5800MHz	0.43
GPS	1575.42MHZ	0.37

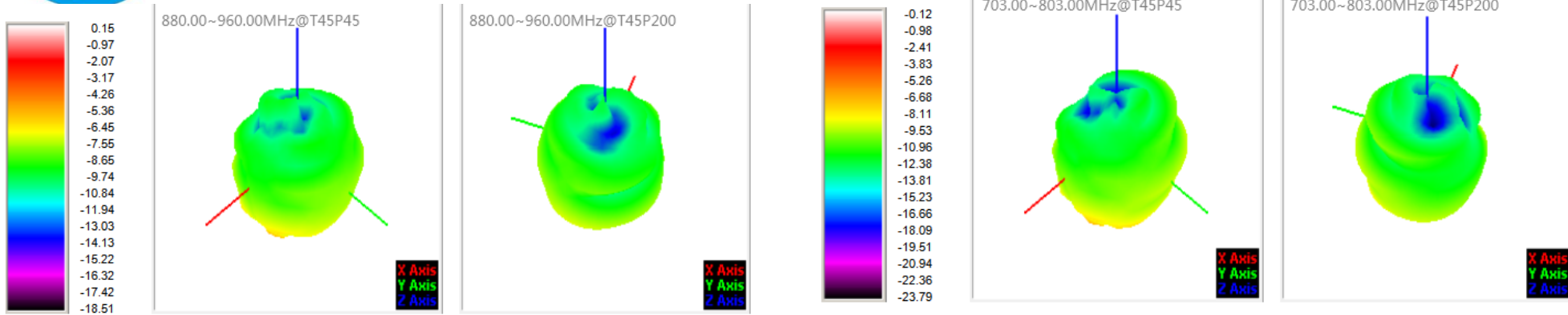


main antenna directional diagram:



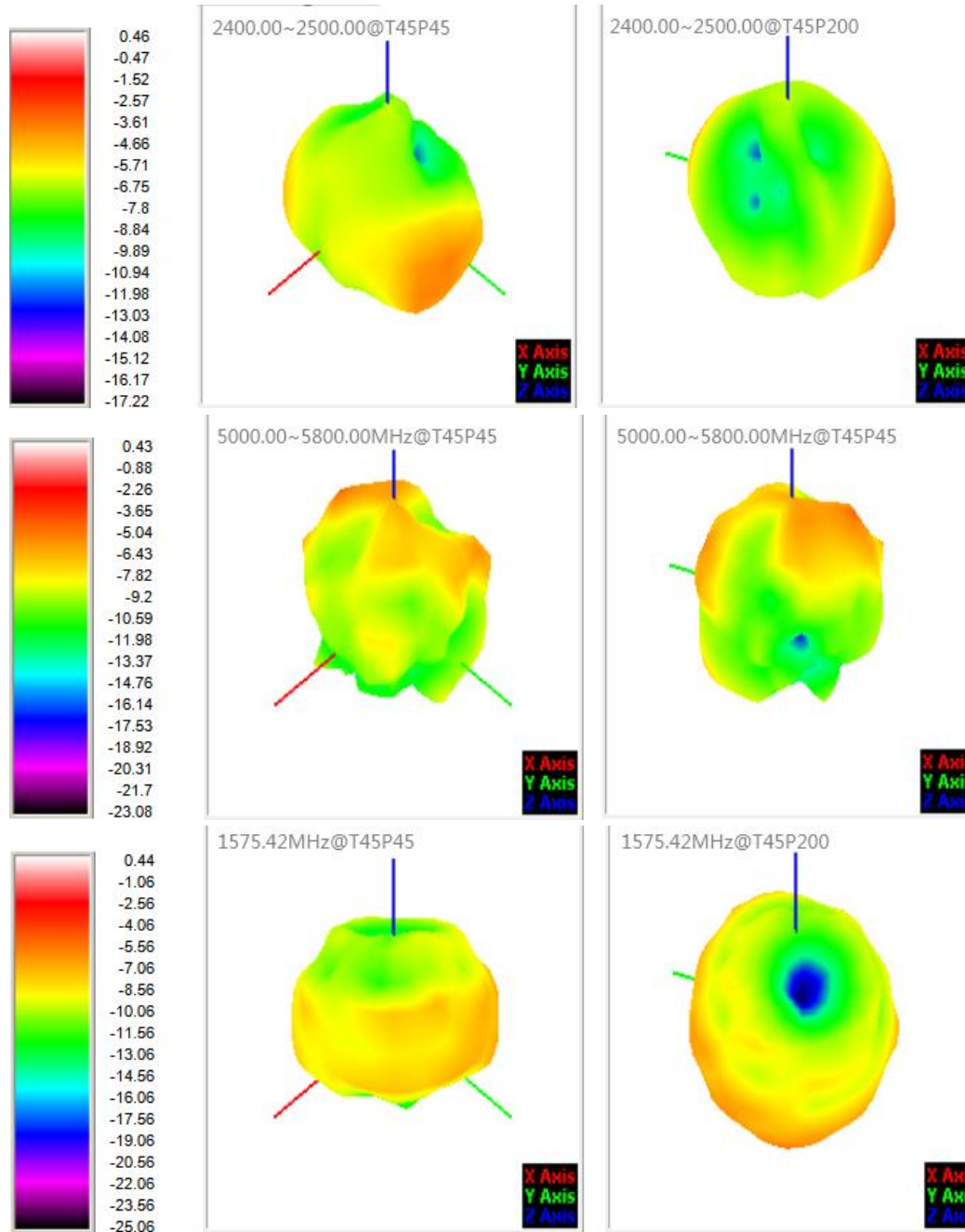


main antenna directional diagram:





WIFI/BT/GPS directional diagram:





BT TEST:

Calls without obstacles in 8m



GPS/WIFI TEST:

