

Feature

- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth

Application

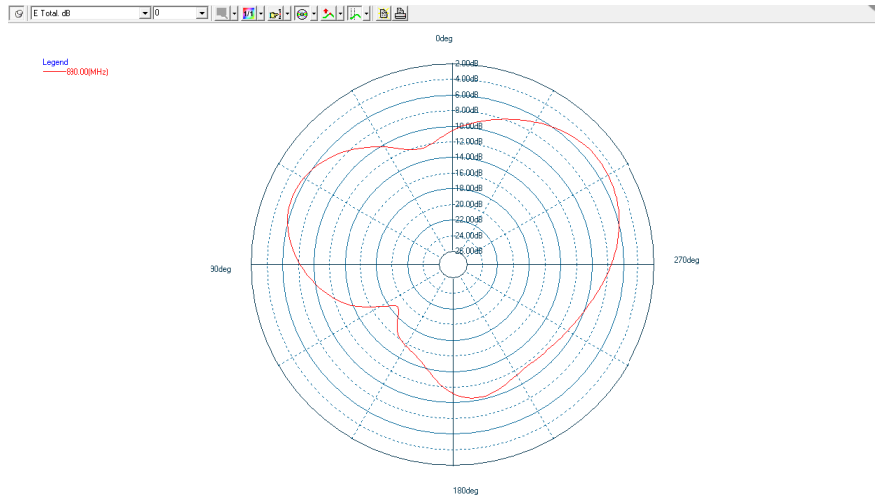
- ※ GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8
 LTE B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B28/B38/B40/B41/B66
 communication applications

Project	Name and address of the antenna manufacturer	Model number of the antenna
CK6ns	Name: 浙江海通通讯电子股份有限公司上海分公司 Zhejiang Haitong communication electronic Limited by Share Ltd Shanghai Branch Address: 上海市浦东新区秀浦路2555号C5栋1楼 1F, Building C5, No.2555 Xiupu Road, Pudong New Area, Shanghai	MAIN:SYC-CK6-ANT4-V1.0 3IN1: SYC-CK6-ANT1-V1.0 WIFI: SYC-CK6-ANT2-V1.0 DIV: SYC-CK6-ANT3-V1.0

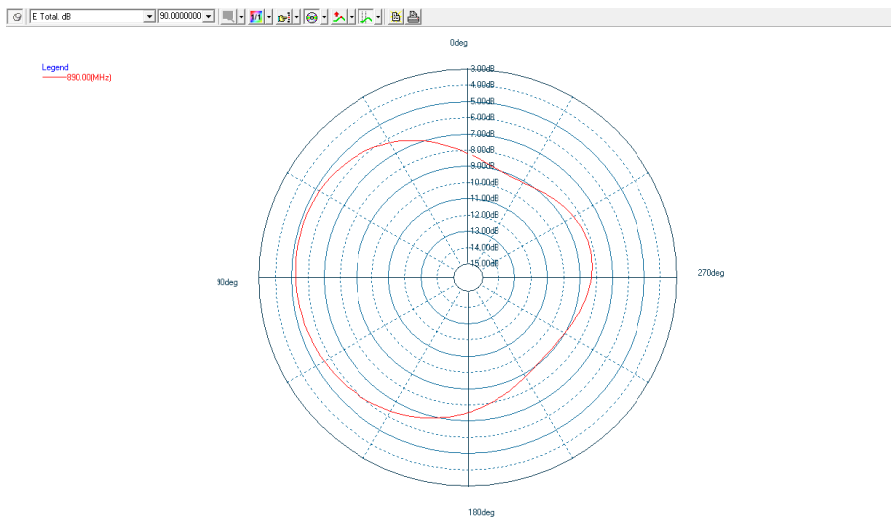
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 - 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 - 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66: 1710 - 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1: 1920 - 1980MHz
	LTE B7:2496-2565MHz
	LTE B40:2300-2400MHz
	LTE B38: 2570-2620MHz
	LTE B41: 2535-2655MHz
	LTE B20:832-862MHz
LTE B12/B13/B17/B28:700-748MHz	
Receiver Frequency	GSM 850/WCDMA B5/LTE B5: 869 - 894 MHz
	GSM 900/WCDMA B8/LTE B8: 925 - 960 MHz
	DCS/LTE B3: 1805 - 1880 MHz
	WCDMA 4/LTE B4: 2110-2155 MHz
	PCS/WCDMA B2/LTE B2:1930-1990MHz
	WCDMA B1/LTE B1/B66: 2110 - 2170MHz
	LTE B7:2620-2690MHz
	LTE B40:2300-2400MHz
	LTE B38: 2570-2620MHz
	LTE B41: 2535-2655MHz
LTE B20:791-821MHz	
LTE B12/B13/B17/B28:758-803MHz	
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE B5: -3.8dBi
	GSM 900/WCDMA B8/LTE B8: -4.6dBi
	DCS/WCDMA B4/ LTE B3/B4/B66: -2.3dBi
	PCS/WCDMA B2/LTE B2: -0.5dBi
	WCDMA B1/LTE B1: -0.3dBi
	LTE B7/B38/B41: 0.8dBi
	LTE B40: -0.4dBi
	LTE B20:-4.2dBi
LTE B12/B13/B17/B28:-5.3dBi	
3in1 Antenna Gain (Peak Gain)	Bluetooth/2.4G Wi-Fi:0.3dBi
Wi-Fi Antenna Gain (Peak Gain)	Bluetooth/2.4G Wi-Fi:-1.2dBi, 5G Wi-Fi: 3.4dBi

※ Antenna Gain

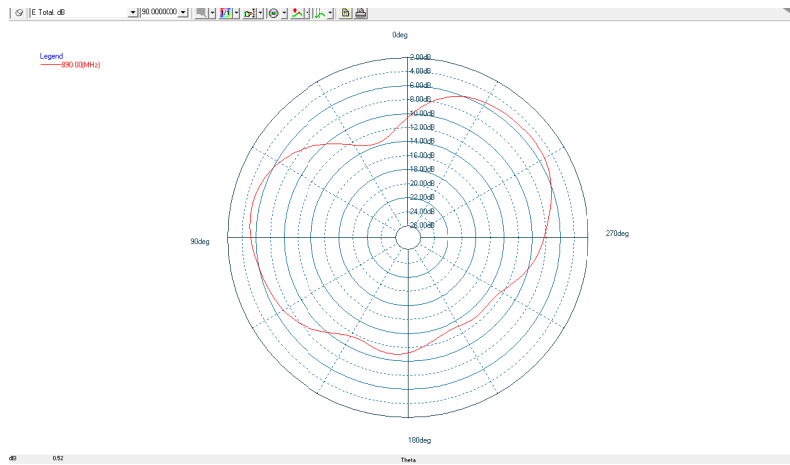
Main Antenna



GSM850 / WCDMA B5 / LTE B5 Phi=0deg

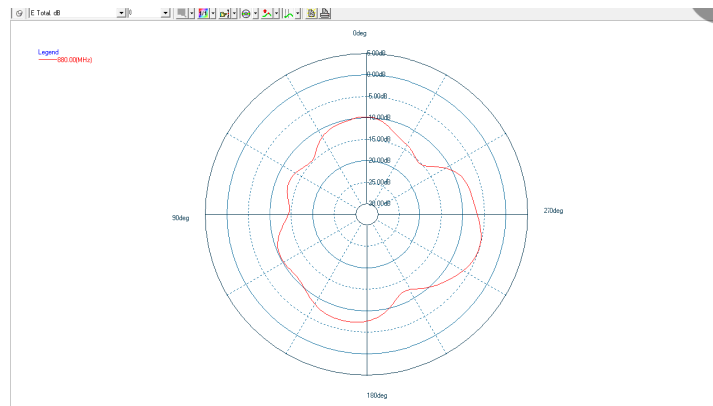


GSM850 / WCDMA B5 / LTE B5 Phi=90deg

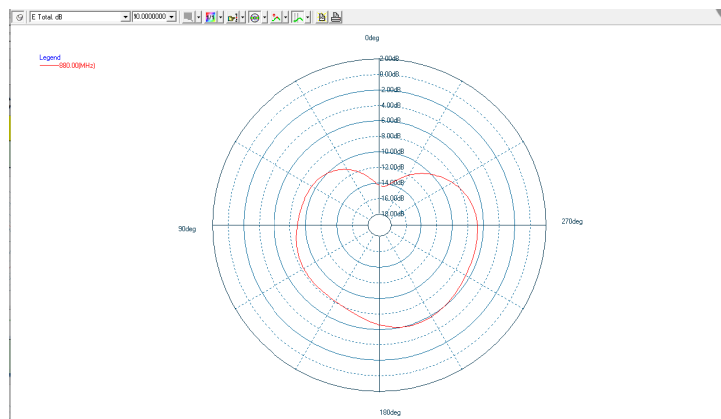


GSM850 / WCDMA B5 / LTE B5 Theta=90deg

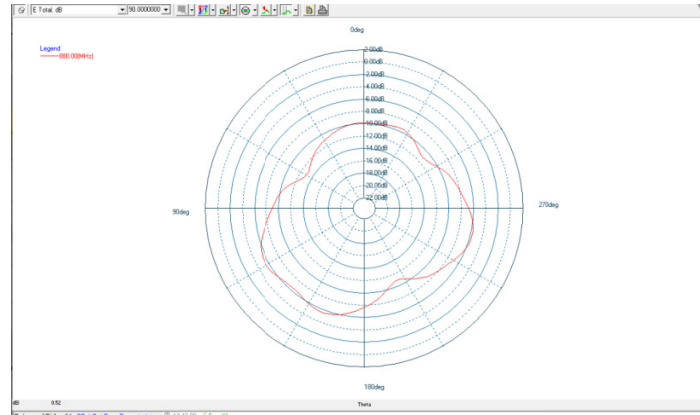
※ Antenna Gain
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



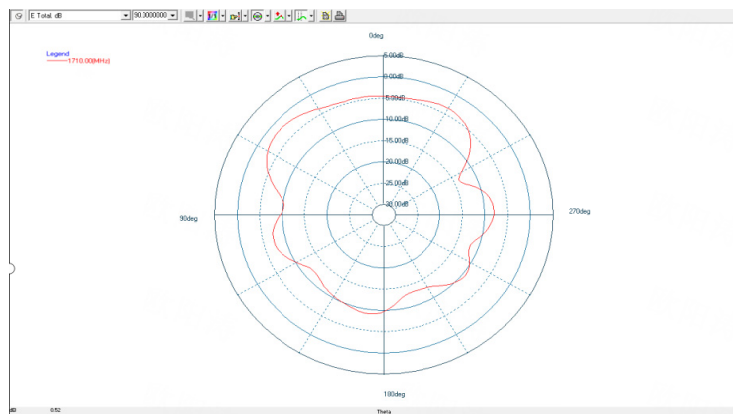
GSM900 / WCDMA B8 / LTE B8 Phi=90deg



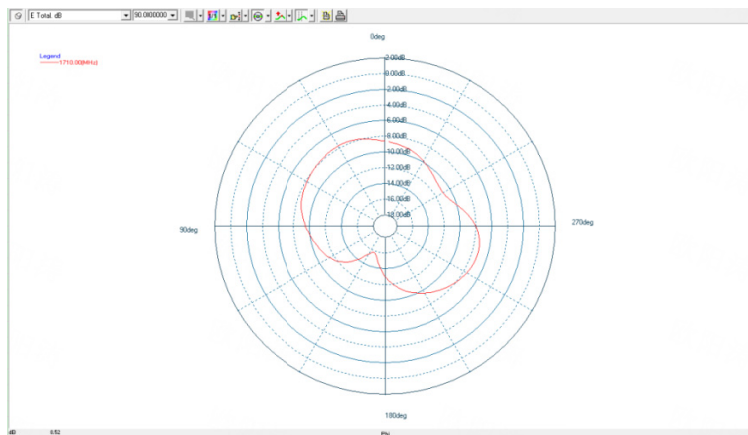
GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

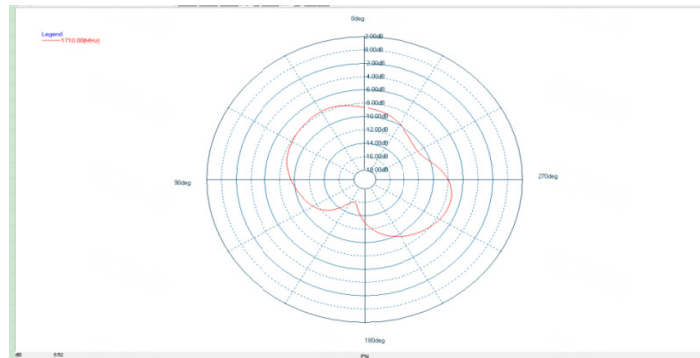
Main Antenna



DCS1800/WCDMA B4/LTE B3/B4/B66 Phi=0deg



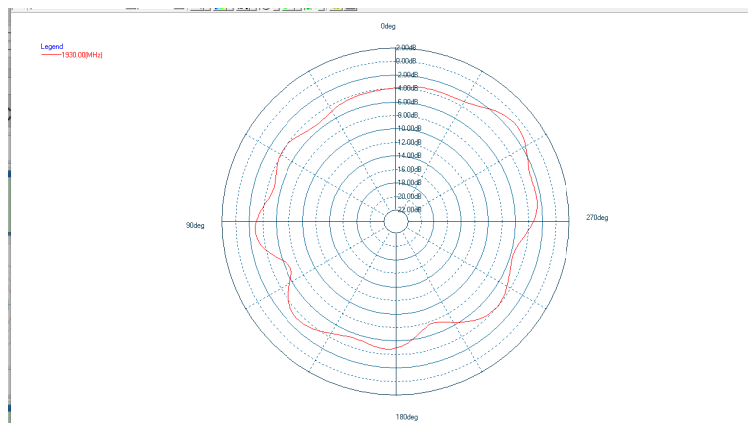
DCS1800/WCDMA B4/LTE B3/B4/B66 Phi=90deg



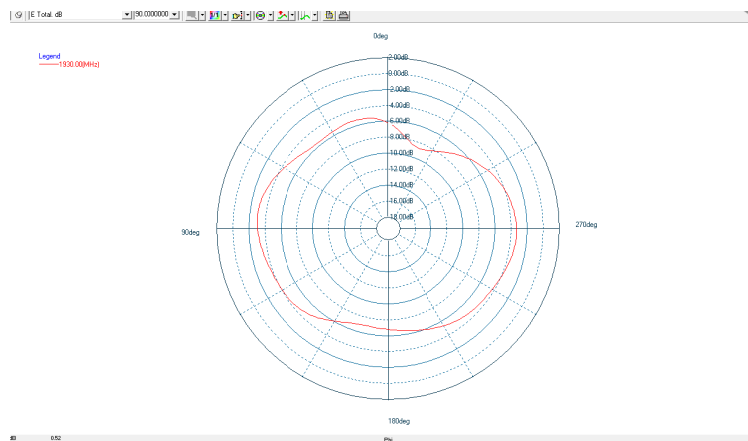
DCS1800/WCDMA B4/LTE B3/B4/B66 Theta=90deg

※ Antenna Gain

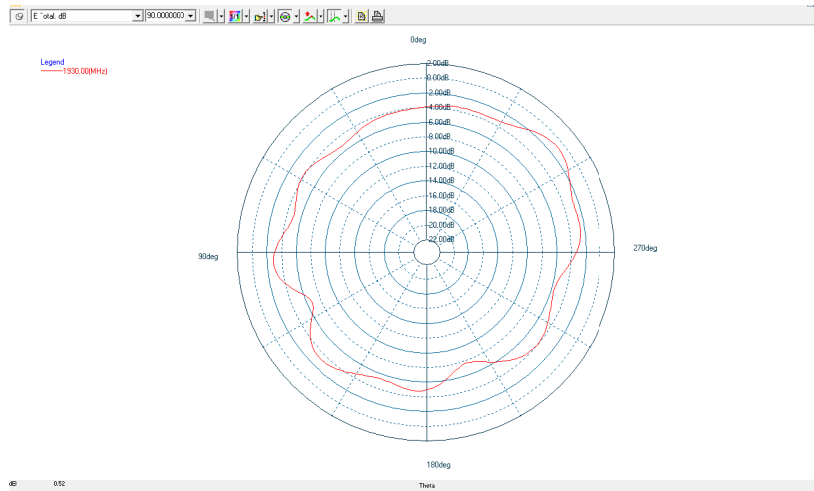
Main Antenna



WCDMA B1/LTE B1 Phi=0deg

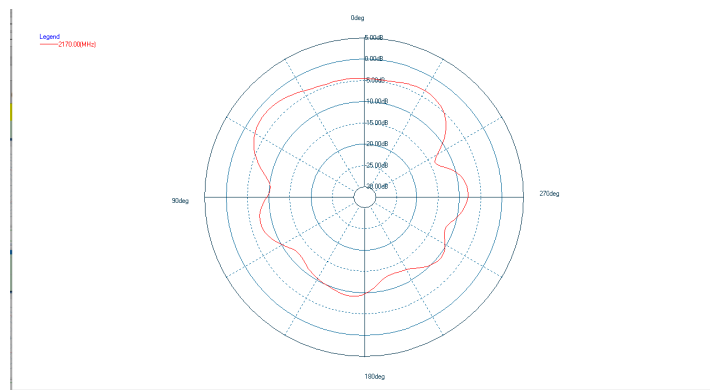


WCDMA B1/LTE B1 Phi=90deg

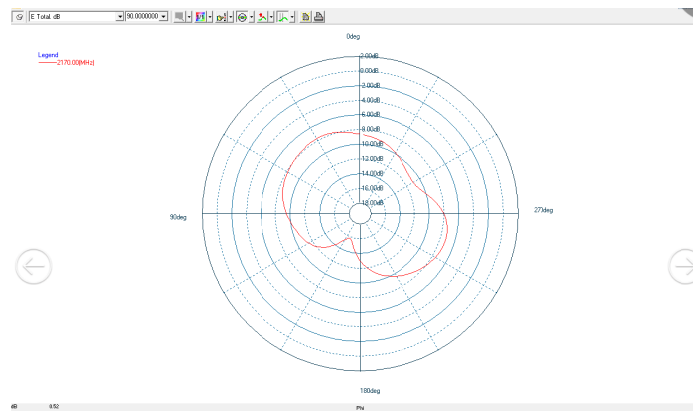


WCDMA B1/LTE B1 Theta=90deg

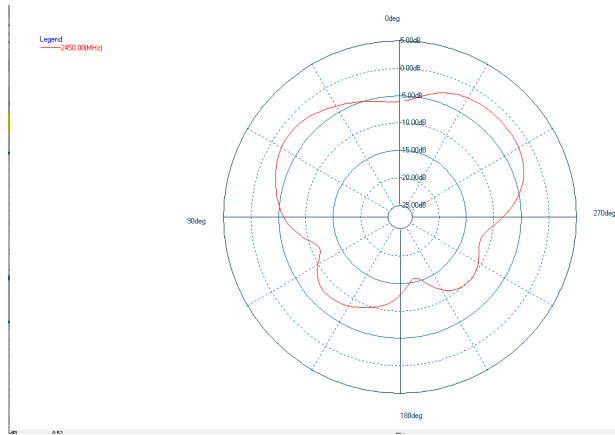
※ Antenna Gain
Main Antenna



PCS1900/WCDMA B2/LTE B2 Phi=0deg

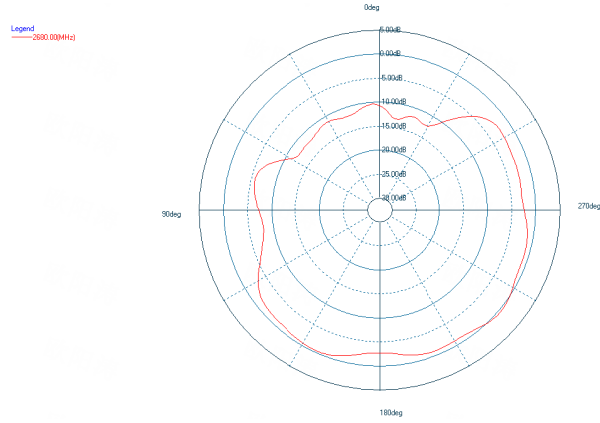


PCS1900/WCDMA B2/LTE B2 Phi=90deg

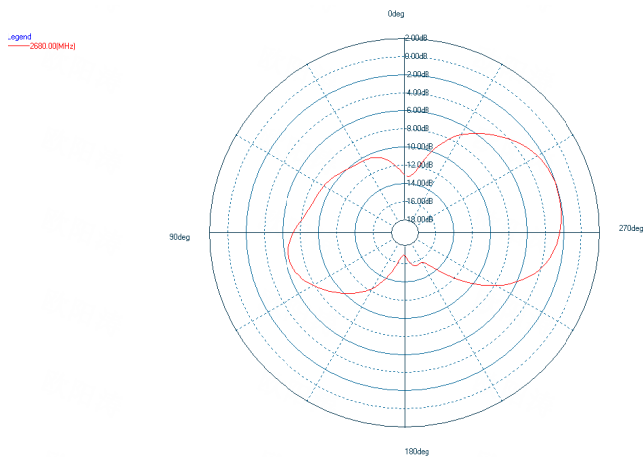


PCS1900/WCDMA B2/LTE B2 Theta=90deg

※ Antenna Gain
 Main Antenna

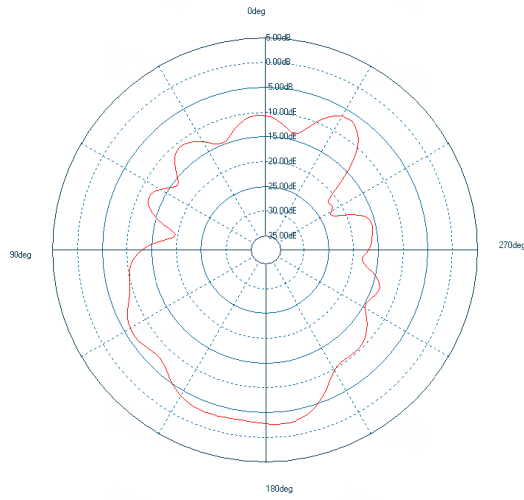


LTE B7/38/41 Phi=0deg



LTE B7/38/41 Phi=90deg

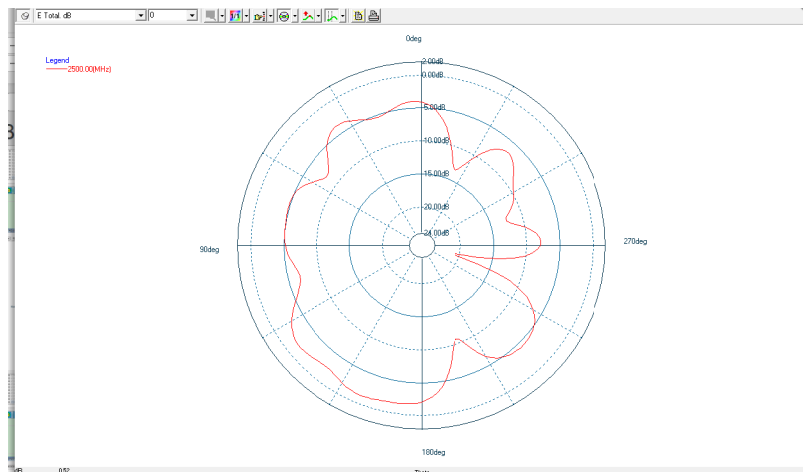
Legend
-2500.00(MHz)



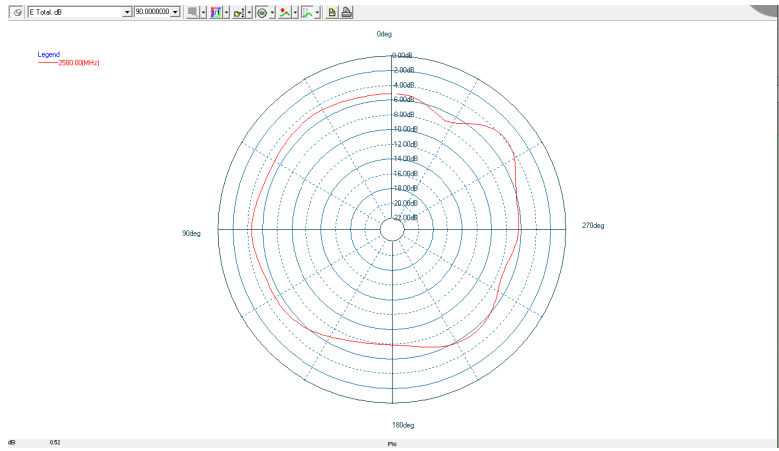
LTE B7/38/41 Theta=90deg

※ Antenna Gain

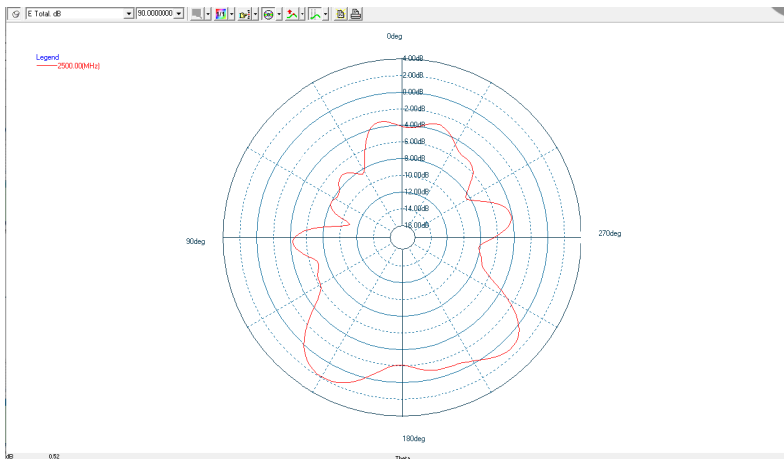
Main Antenna



LTE B40 Phi=0deg



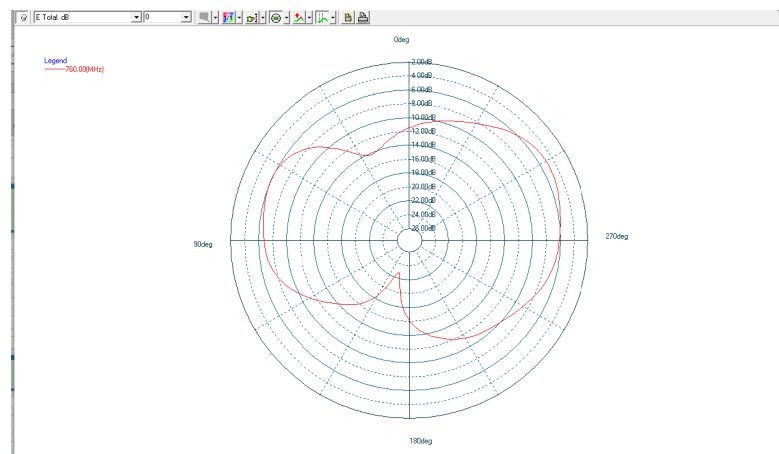
LTE B40 Phi=90deg



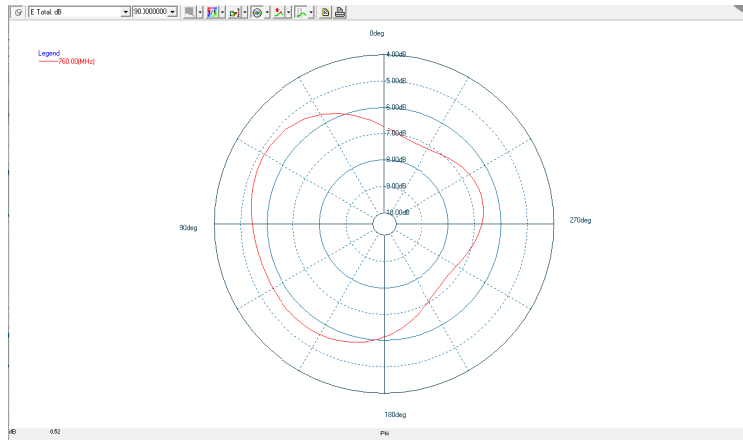
LTE B40 Theta=90deg

※ Antenna Gain

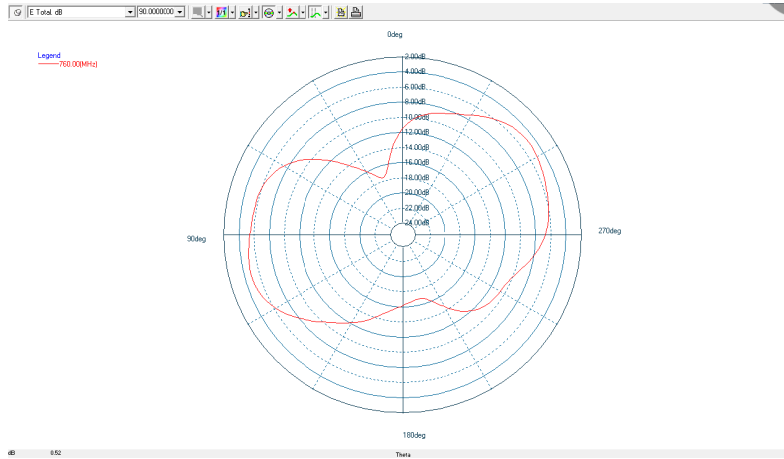
Main Antenna



LTE B12/13/17/28 Phi=0deg



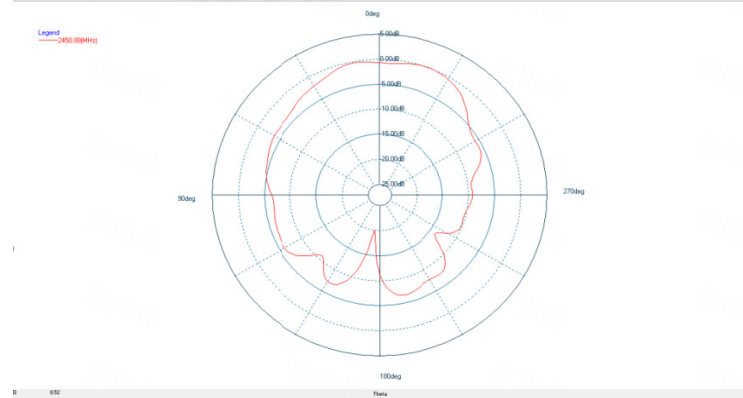
LTE B12/13/17/28 Phi=90deg



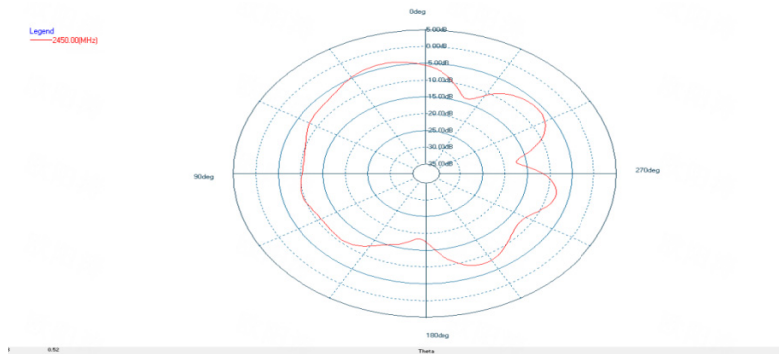
LTE B12/13/17/28 Theta=90deg

※ Antenna Gain

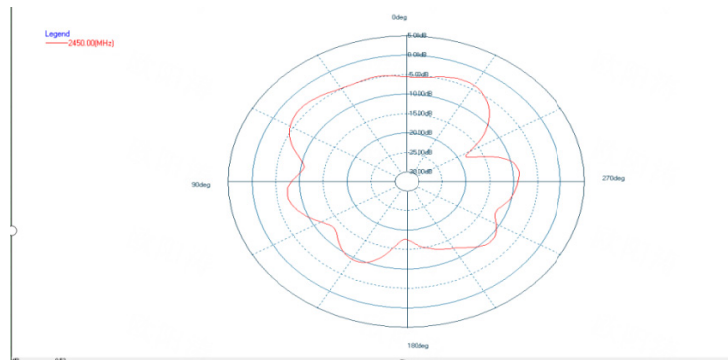
2.4G WIFI&BT Antenna(Main)



2.4G WIFI&BT Phi=0deg

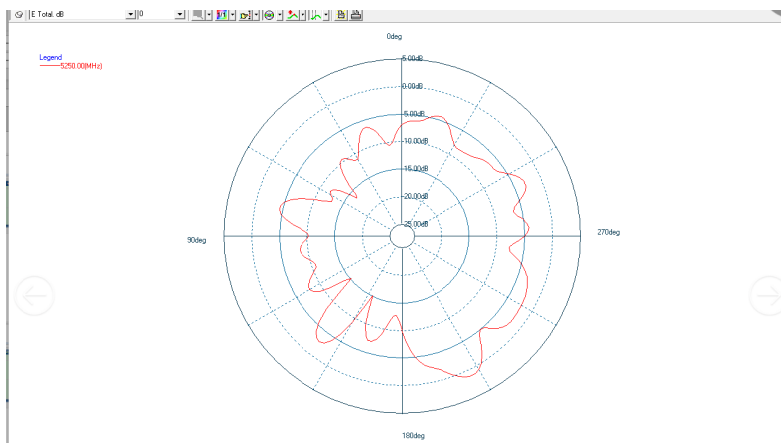


2.4G WIFI&BT Phi=90deg

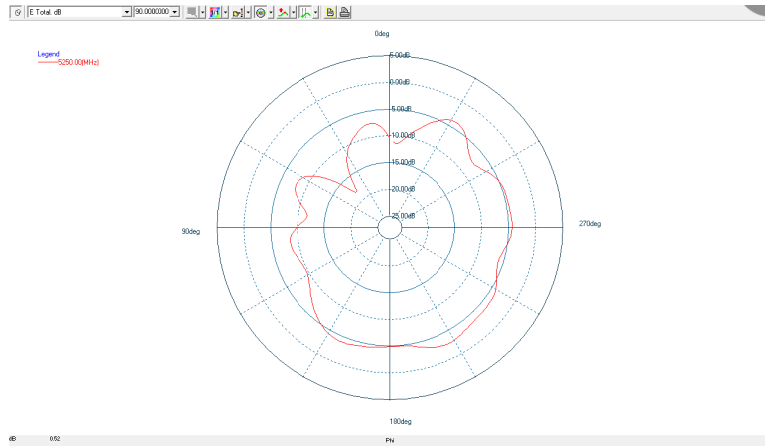


2.4G WIFI&BT Theta=90deg

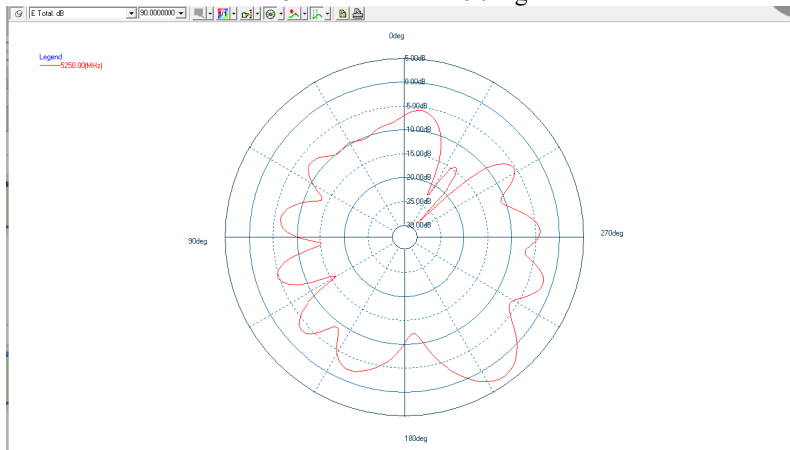
※ Antenna Gain
5G WIFI Antenna



5G WIFI Phi=0deg

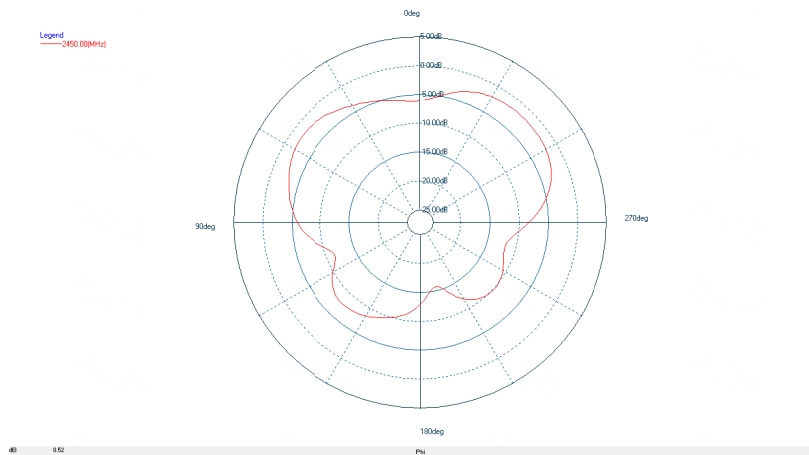


5G WIFI Phi=90deg

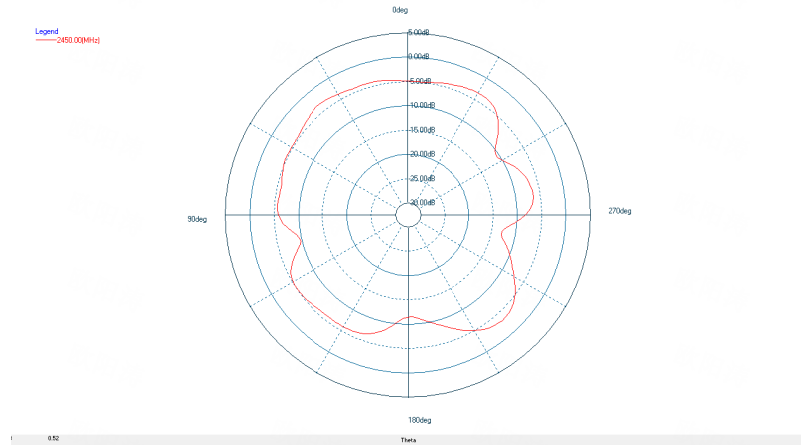


5G WIFI Theta=90deg

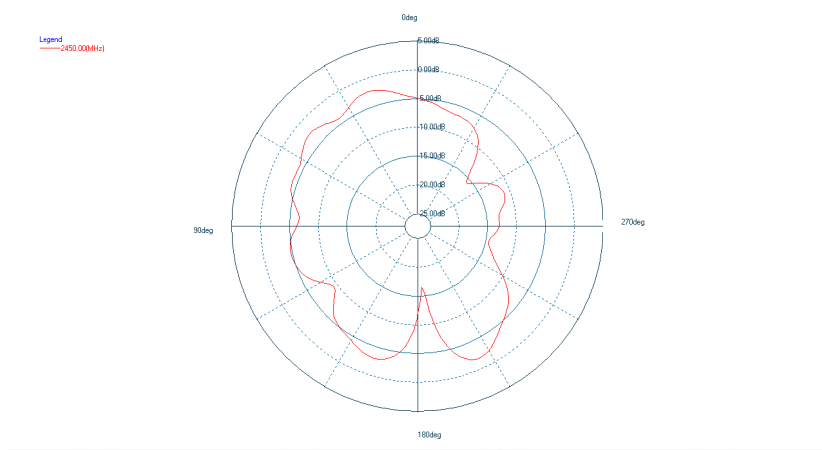
※ Antenna Gain
2.4G WIFI Antenna (DIV)



2.4G WIFI&BT Phi=0deg

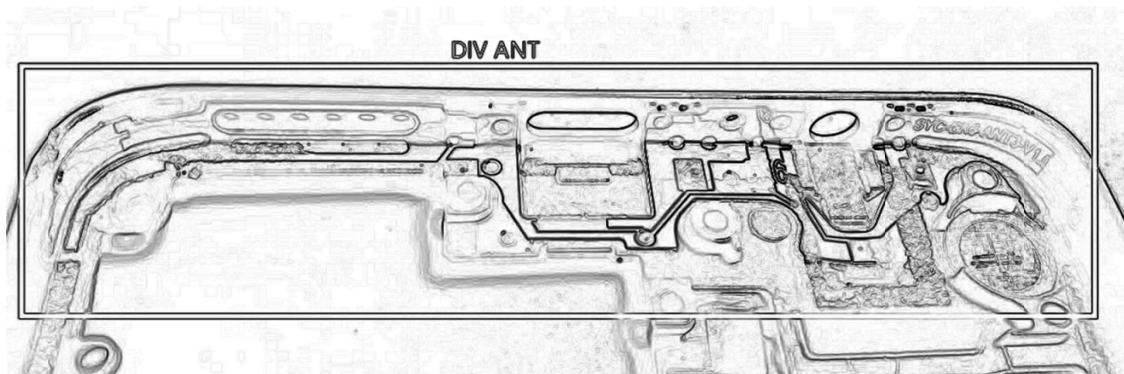
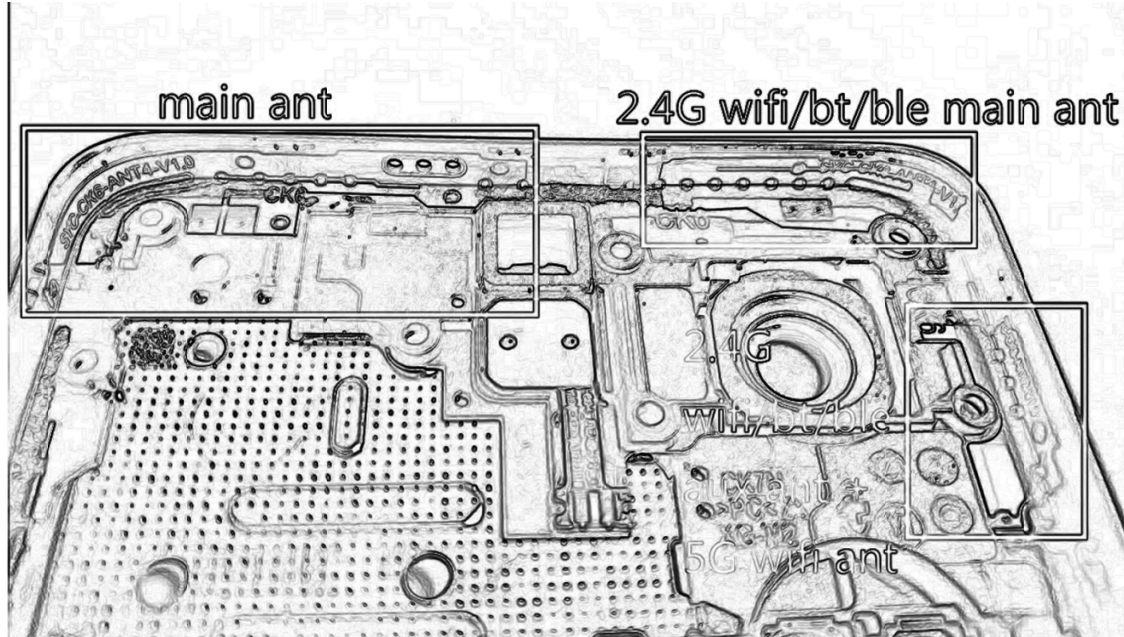


2.4G WIFI&BT Phi=90deg



2.4G WIFI&BT Theta=90deg

Antenna Photo:



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Tao.ouyang		DATE:	2023/03/13