



Feature

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

Main Antenna

Application

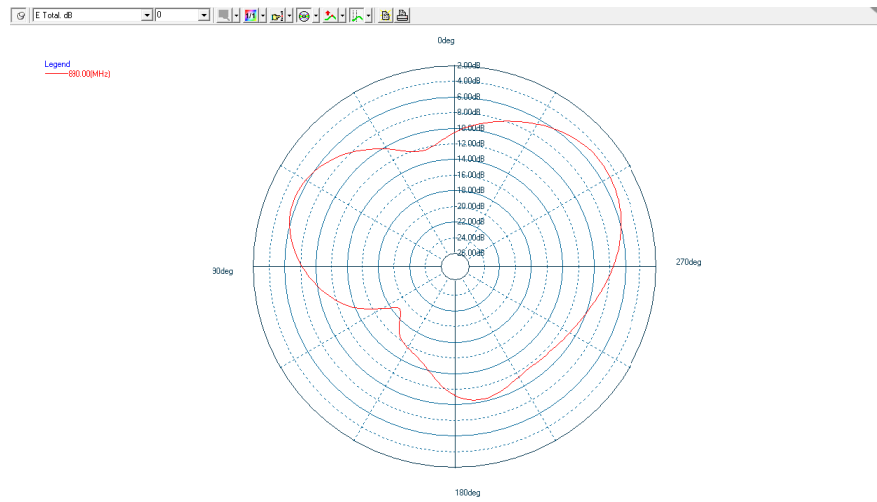
※GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41/B66
communication applications

Project	Name and address of the antenna manufacturer	Model number of the antenna
CK6n	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:CK6N MAIN.V0.2 3IN1:CK6N.3IN1.V0.1 WIFI:CK6N WIFI.V0.1 DIV:CK6N.DIV_V0.1

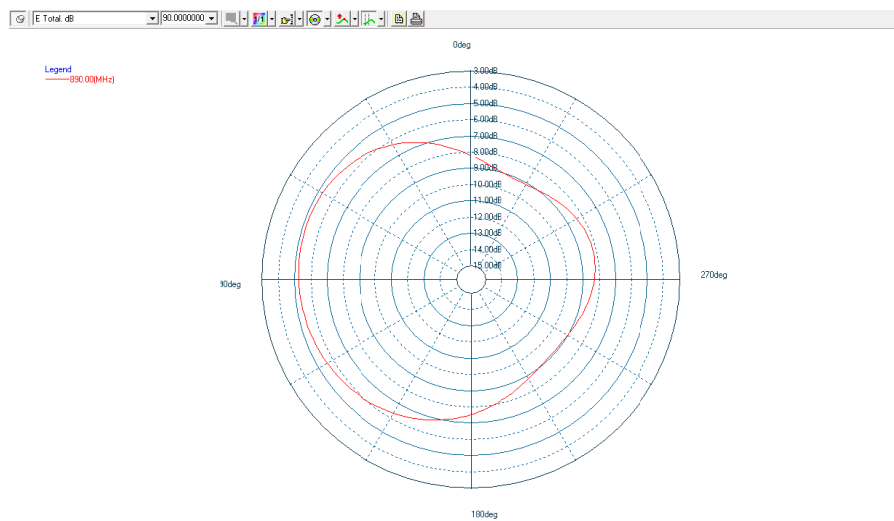
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 – 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 – 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66: 1710 – 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1: 1920 – 1980MHz
	LTE B7:2496-2565MHz
	LTE B40:2300-2400MHz
	LTE B38/B41:2565-2645MHz
	LTE B20:832-862MHz
	LTE B12/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 B38/41:2565-2645MHz
	LTE B20:791-821MHz
	LTE B12/B17B28:758-803MHz
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/B17/B28:-5.3dBi
3in1 Antenna Gain (Peak Gain)	GPS:3.5dBi
	BT/2.4G Wi-Fi:0.3dBi
Wi-Fi Antenna Gain (Peak Gain)	BT/2.4G Wi-Fi:-1.2dBi 5G Wi-Fi: 3.4dBi

※ Antenna Gain

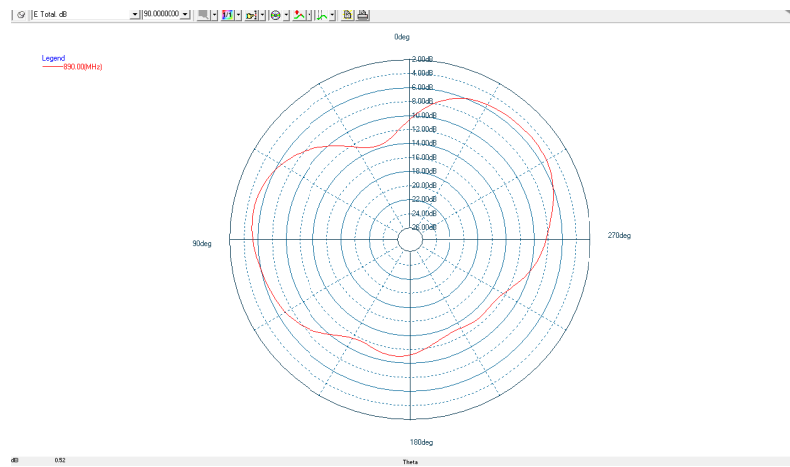
Main Antenna



GSM850 / WCDMA B5 / LTE B5 Phi=0deg



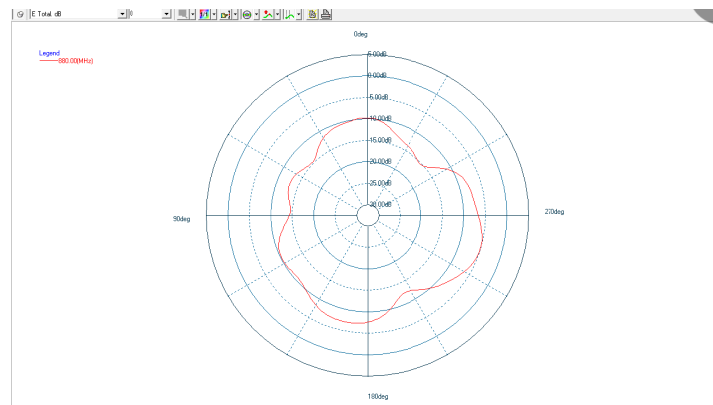
GSM850 / WCDMA B5 / LTE B5 Phi=90deg



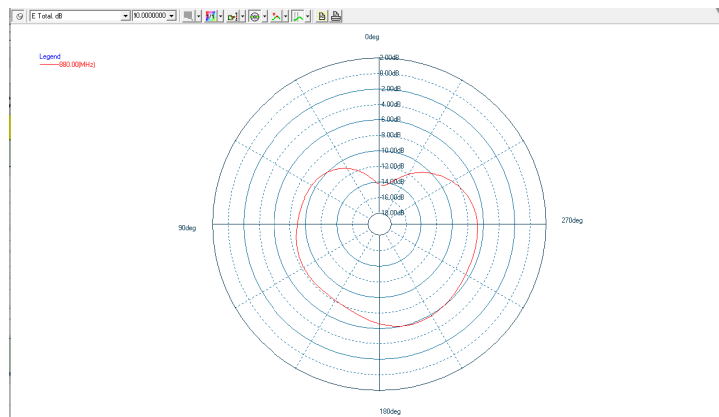
GSM850 / WCDMA B5 / LTE B5 Theta=90deg

※ Antenna Gain

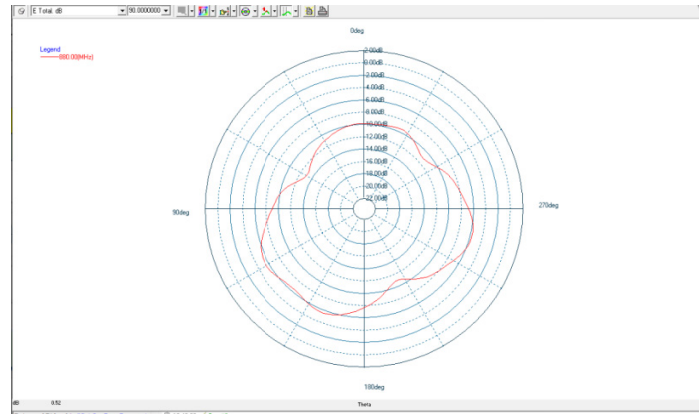
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



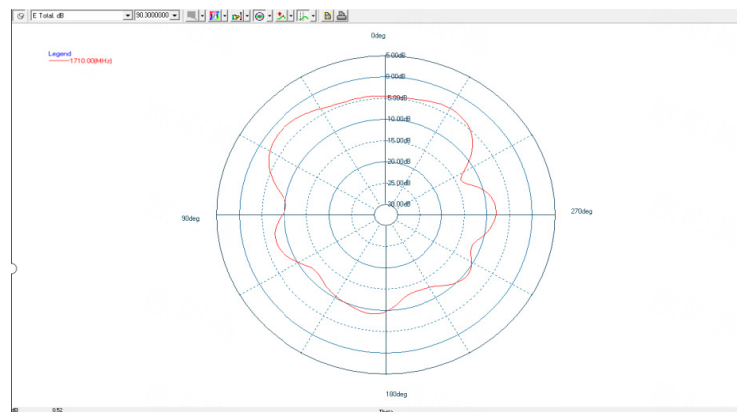
GSM900 / WCDMA B8 / LTE B8 Phi=90deg



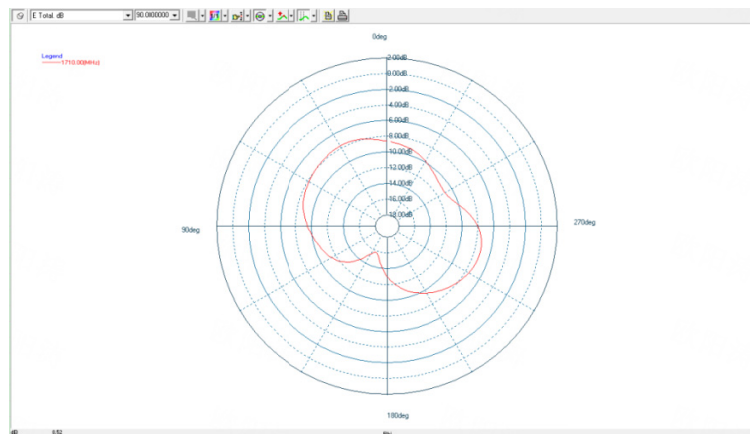
GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

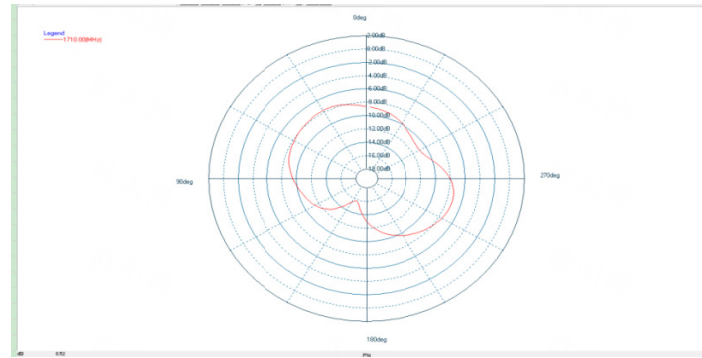
Main Antenna



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



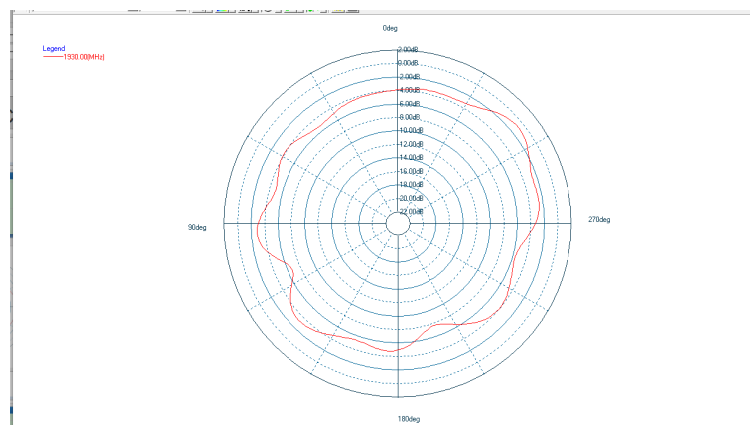
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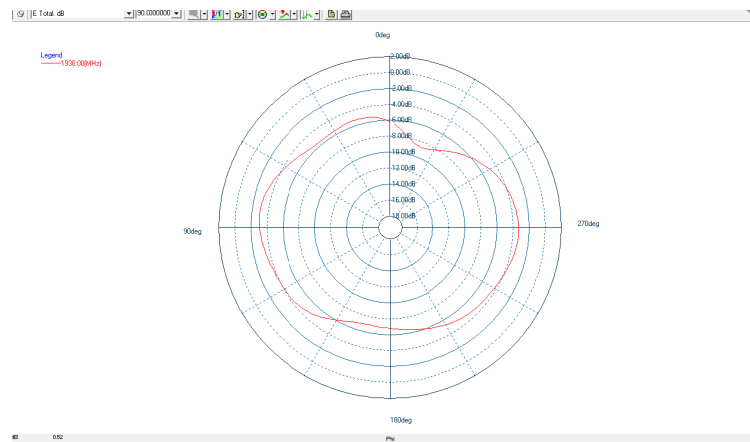
DCS1800/WCDMA B4/LTE B3/B4/B66 Theta=90deg

※ Antenna Gain

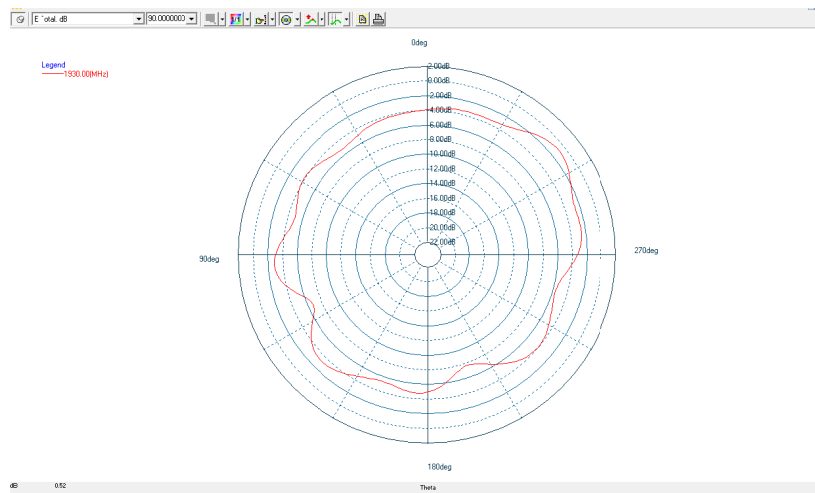
Main Antenna



WCDMA B1/LTE B1 Phi=0deg



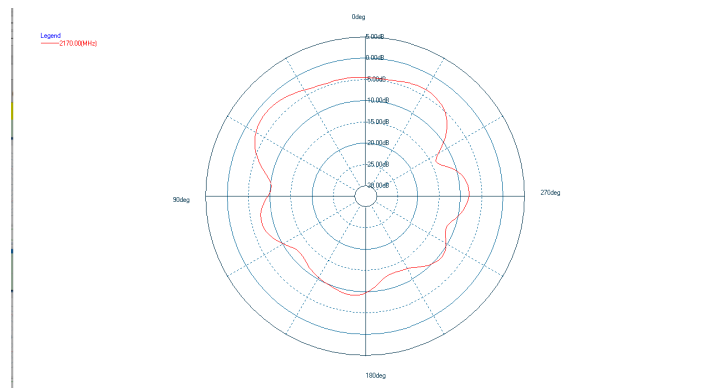
WCDMA B1/LTE B1 $\Phi=90^\circ$



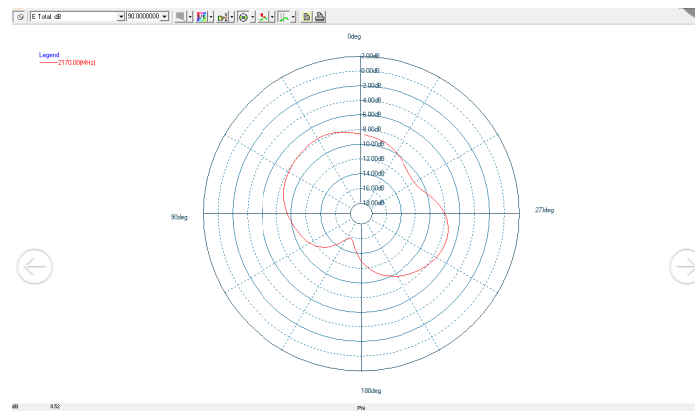
WCDMA B1/LTE B1 $\Theta=90^\circ$

※ Antenna Gain

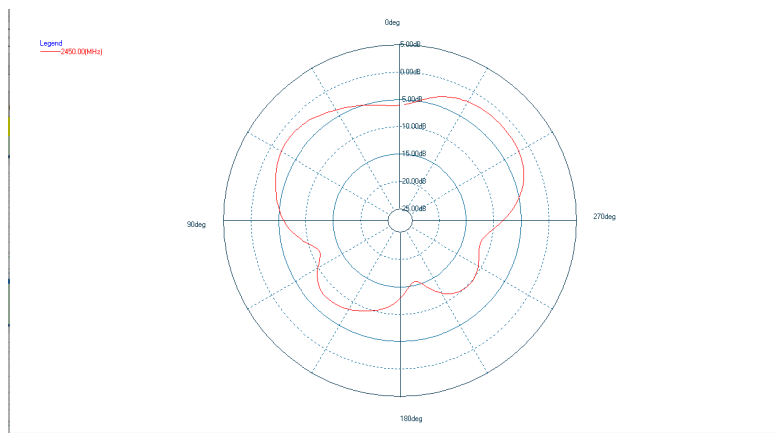
Main Antenna



PCS1900/WCDMA B2/LTE B2 Phi=0deg



PCS1900/WCDMA B2/LTE B2 Phi=90deg

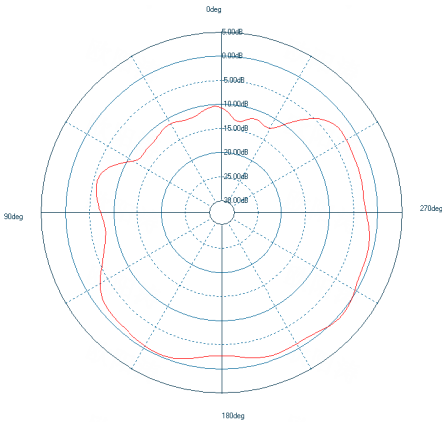


PCS1900/WCDMA B2/LTE B2 Theta=90deg

※ Antenna Gain

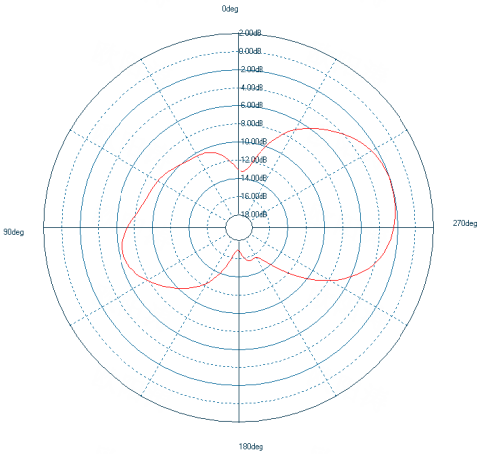
Main Antenna

Legend
-2690.00(MHz)



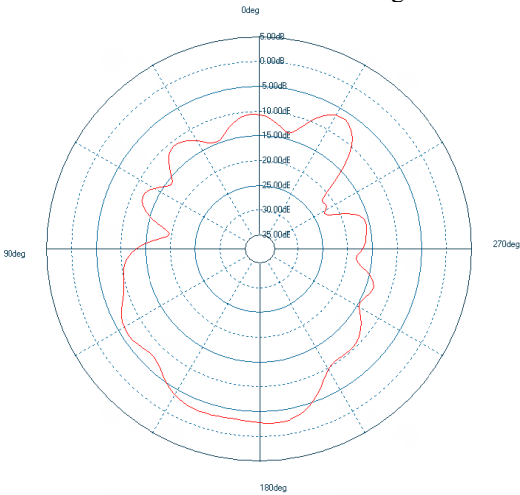
LTE B7/38/41 Phi=0deg

Legend
-2690.00(MHz)



LTE B7/38/41 Phi=90deg

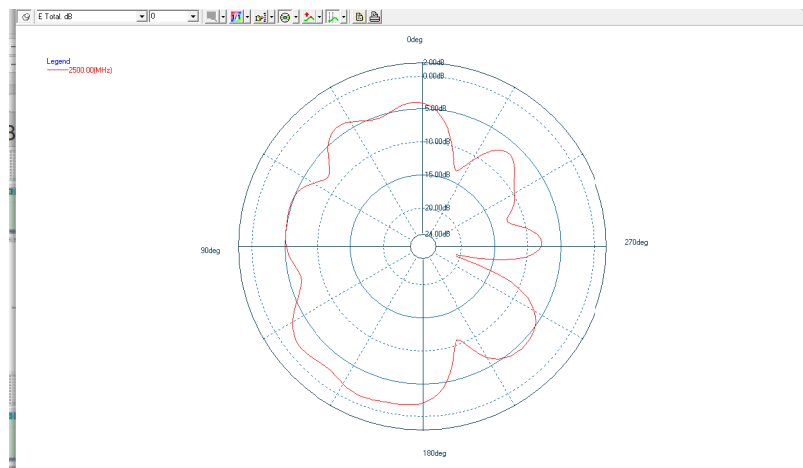
Legend
-2690.00(MHz)



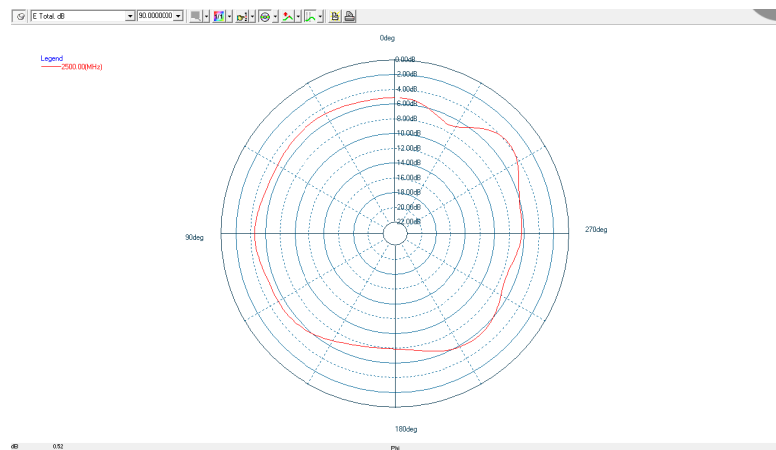
LTE B7/38/41 Theta=90deg

✧ Antenna Gain

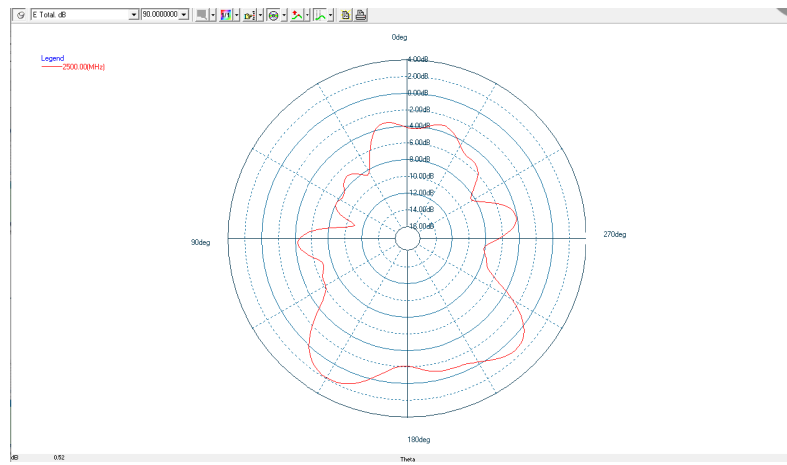
Main Antenna



LTE B40 Phi=0deg



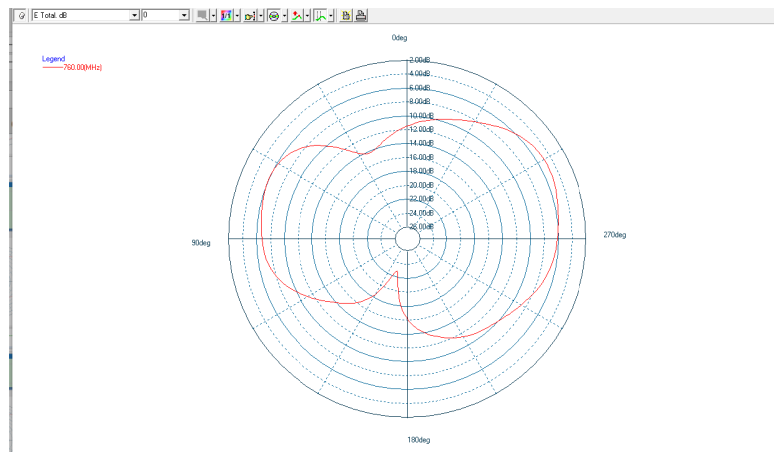
LTE B40 Phi=90deg



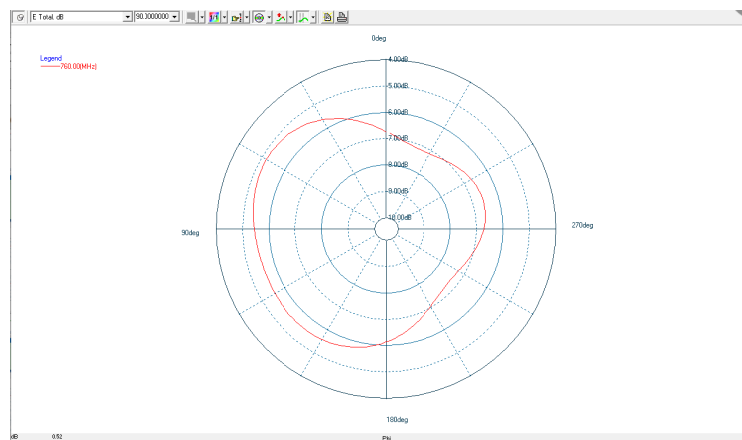
LTE B40 Theta=90deg

※ Antenna Gain

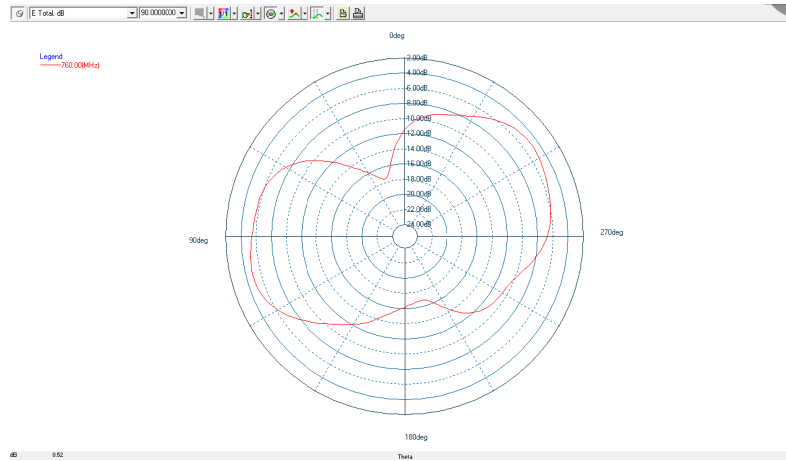
Main Antenna



LTE B12/17/28 Phi=0deg



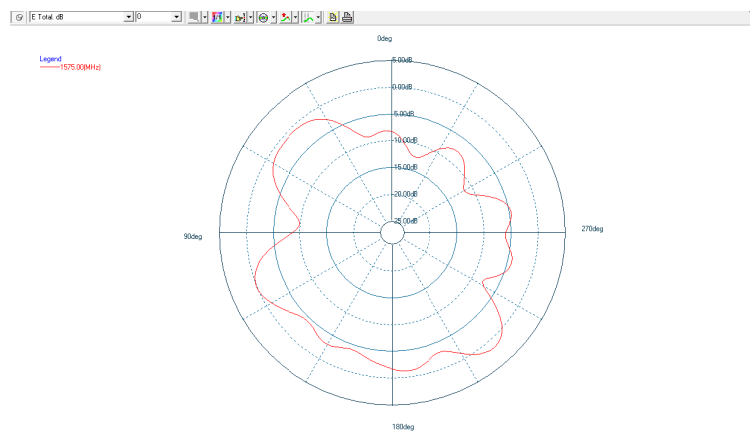
LTE B12/17/28 Phi=90deg



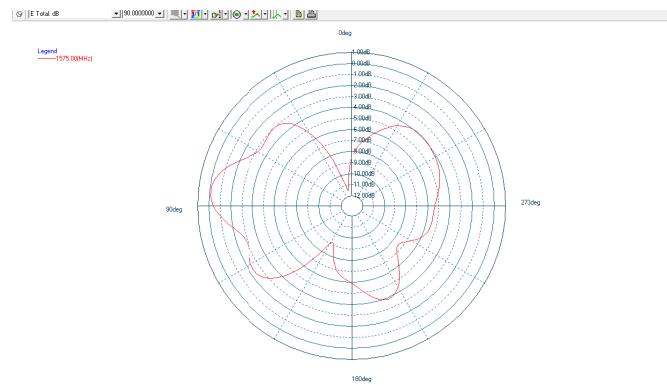
LTE B12/17/28 Theta=90deg

※ Antenna Gain

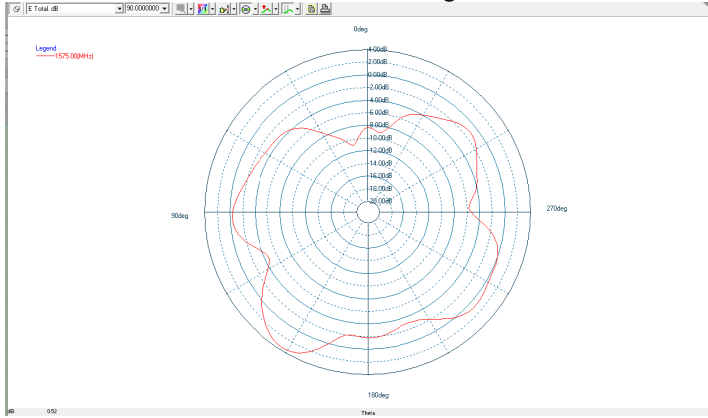
GPS Antenna



GPS Phi=0deg



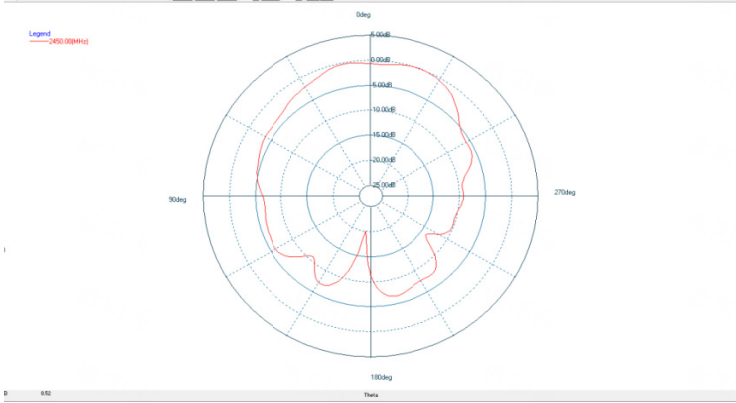
GPS Phi=90deg



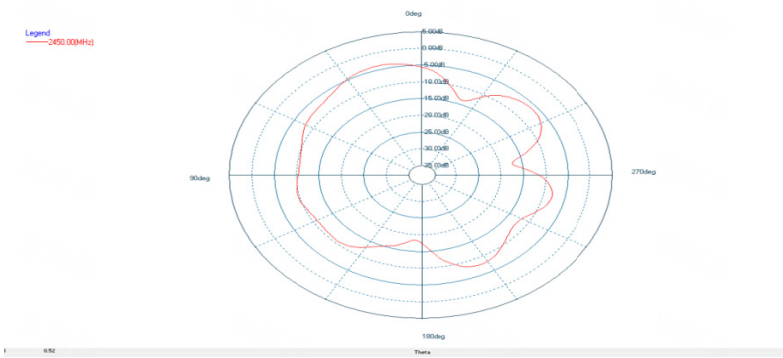
GPS Theta=90deg

※ Antenna Gain

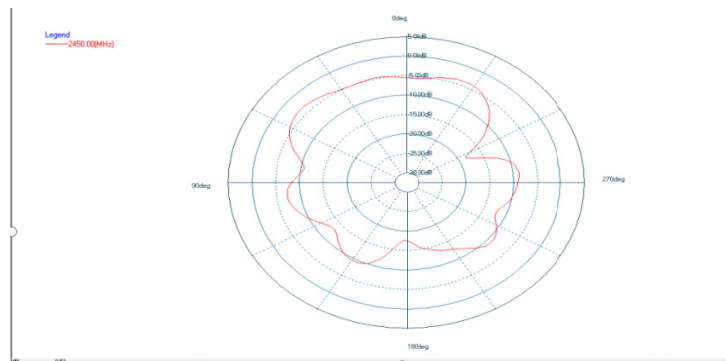
2.4G WIFI&BT Antenna



2.4G WIFI&BT Phi=0deg

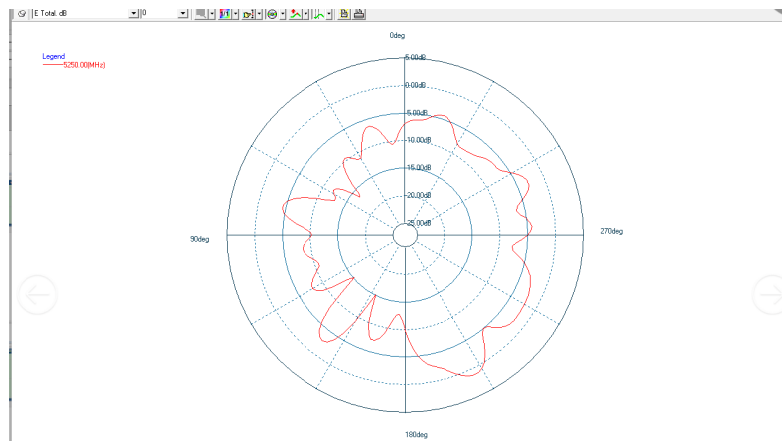


2.4G WIFI&BT Phi=90deg

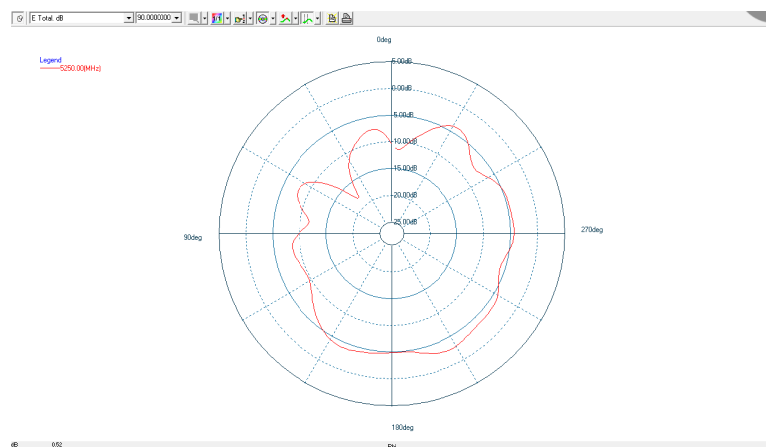


2.4G WIFI&BT Theta=90deg

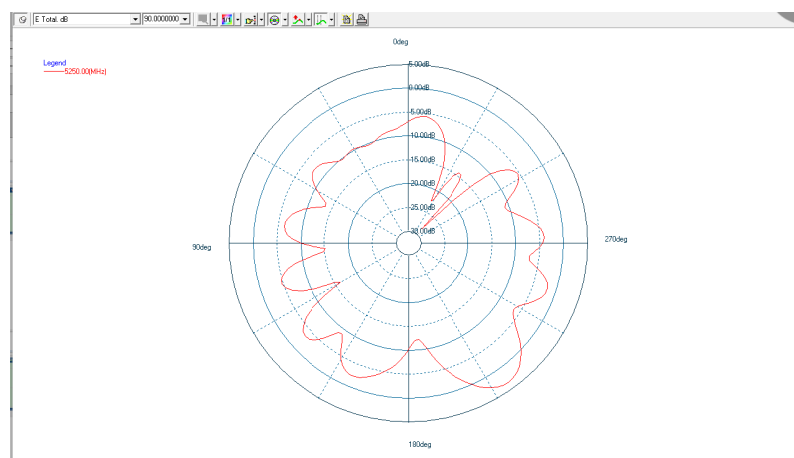
※ Antenna Gain
5G WIFI Antenna



5G WIFI Phi=0deg



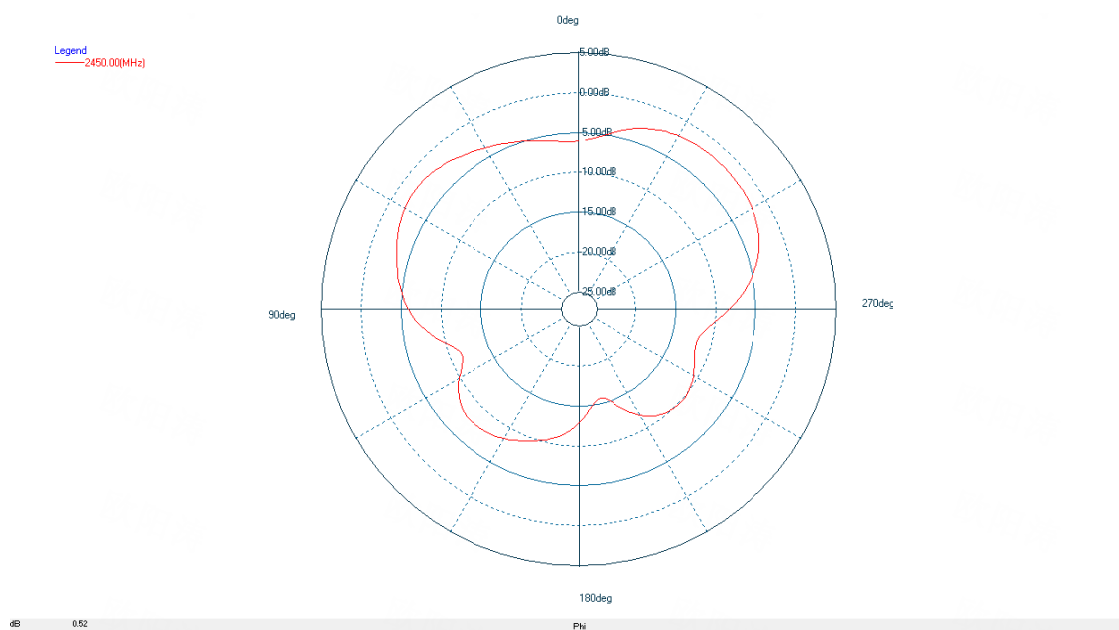
5G WIFI Phi=90deg



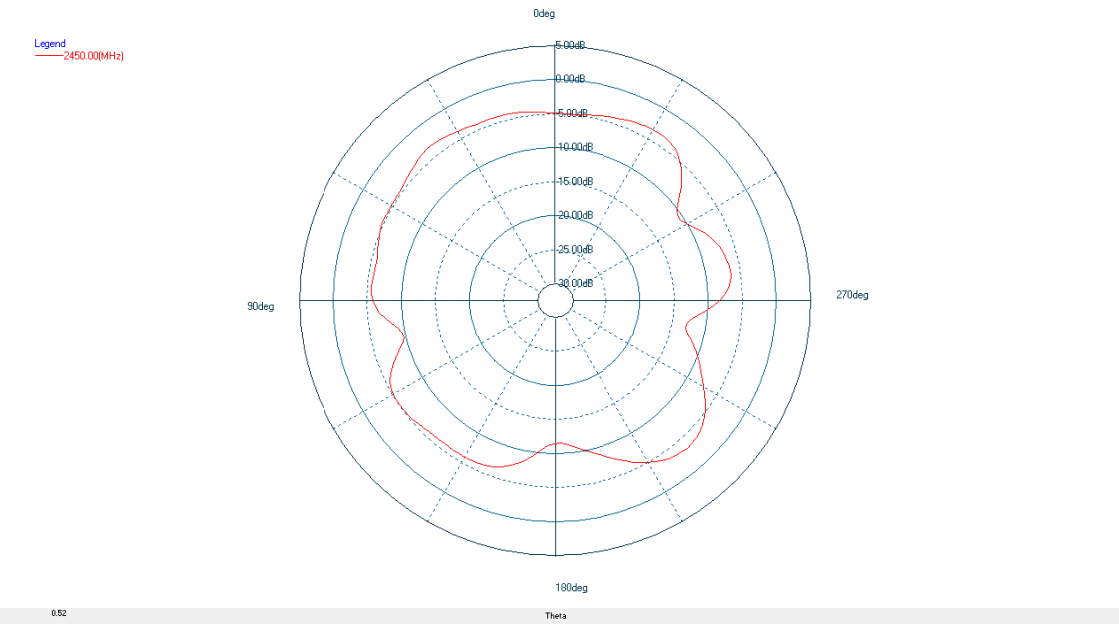
5G WIFI Theta=90deg

✂ Antenna Gain

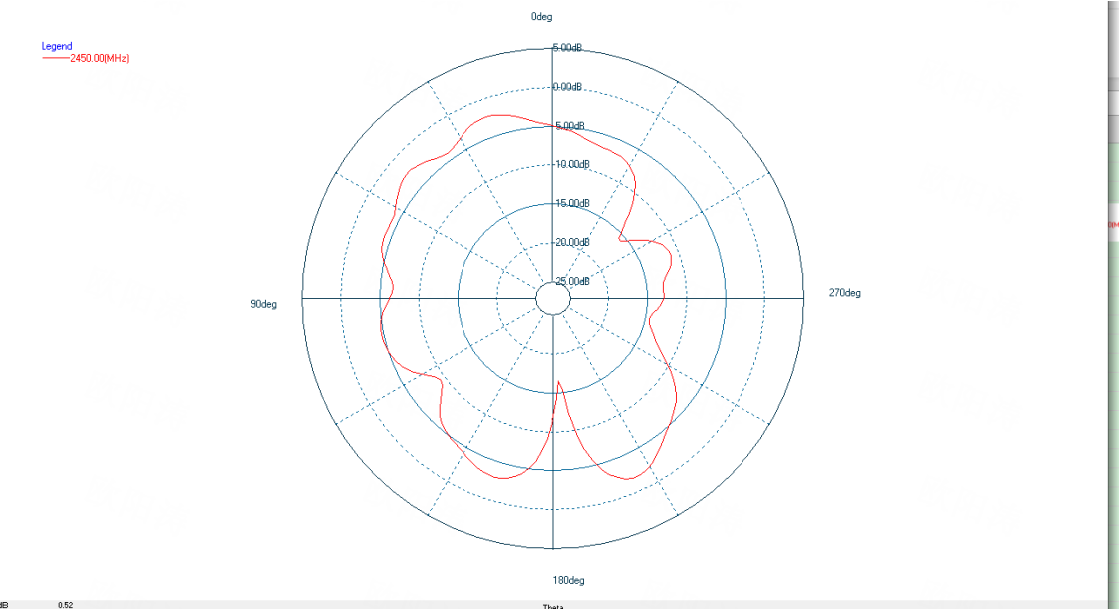
2.4G WIFI&BT Antenna



2.4G WIFI&BT Phi=0deg



2.4G WIFI&BT Phi=90deg



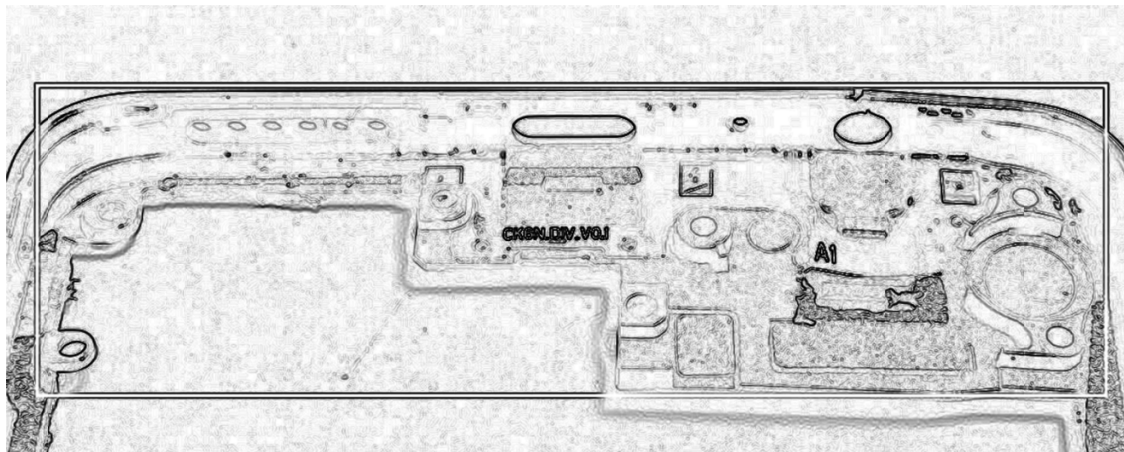
2.4G WIFI&BT Theta=90deg

Antenna Photo:

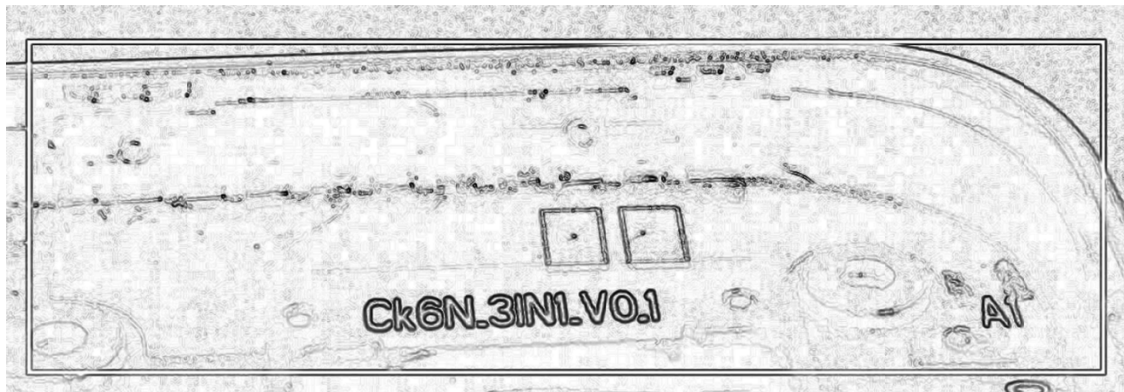
GSM/WCDMA/LTE Main Antenna



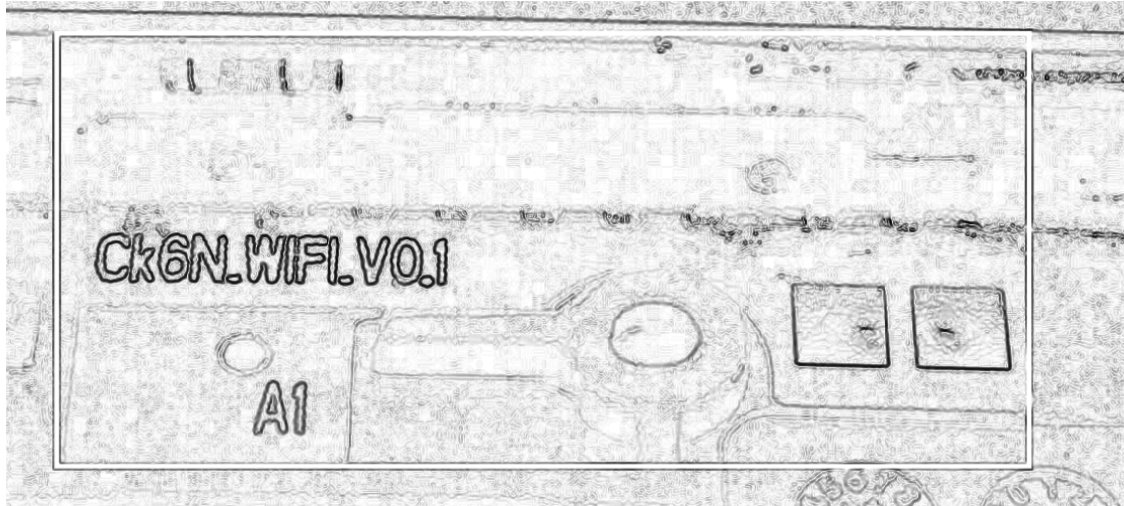
DIV Antenna



BT/2.4G Wi-Fi ANT 1



BT/2.4G Wi-Fi ANT 2 &5G Wi-Fi ANT



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Tao.ouyang		DATE:	2022/12/14