

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/B41/B66
communication applications

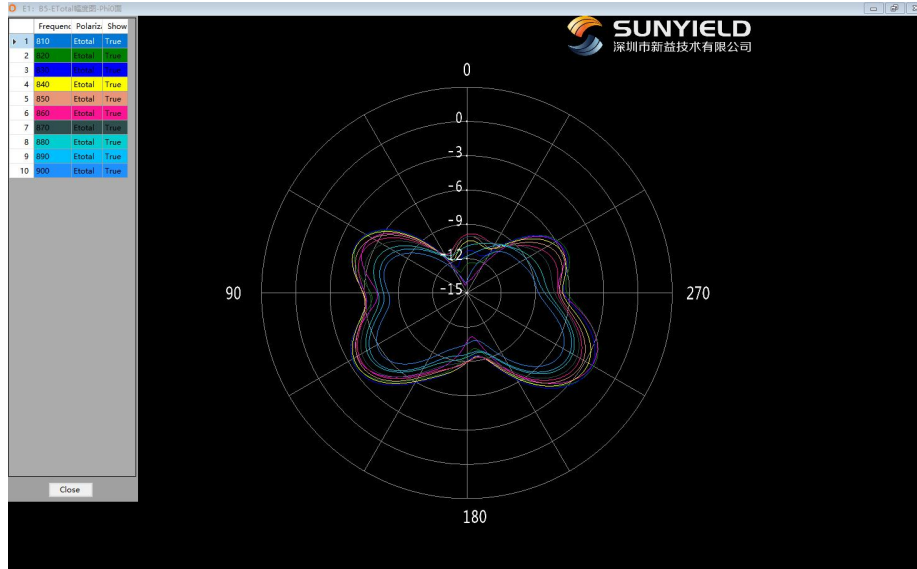
Name and address of the antenna manufacturer	Model number of the antenna
name: Shanghai Shouyuan Communication Technology Co., Ltd ; address: 1st Floor, Building 4, No. 99, Lane 215, Gaoguang Road, Qingpu District, Shanghai	DIV antenna: KI5k ANT2 WCN antenna :KI5k ANT1 main antenna:KI5k ANT3

TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 – 849 MHz

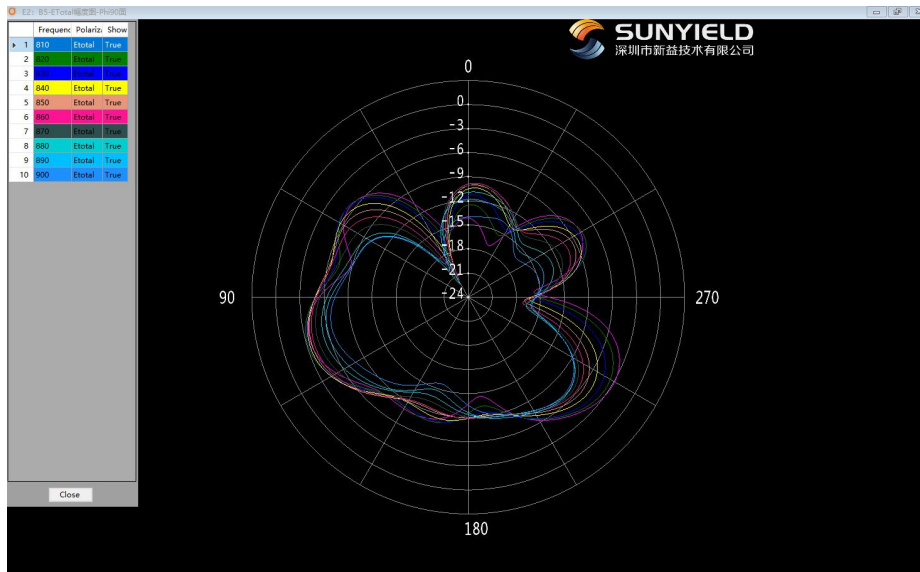
	GSM 900/WCDMA B8/LTE B8: 880 - 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66: 1710 - 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1: 1920 - 1980MHz
	LTE B7:2496-2565MHz
	LTE B38/B41:2565-2645MHz
	LTE B20:832-862MHz
	LTE B12/B17/B28:710-755MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5: 869 - 894 MHz
	GSM 900/WCDMA B8/LTE B8: 925 - 960 MHz
	DCS/LTE B3/B66: 1805 - 1880 MHz
	WCDMA 4/LTE B4: 2110-2155 MHz
	PCS/WCDMA B2/LTE B2:1930-1990MHz
	WCDMA B1/LTE B1: 2110 - 2170MHz
	LTE B7:2620-2690MHz
	LTE B38/41:2565-2645MHz
	LTE B20:791-821MHz
LTE B12/B17/B28:758-803MHz	
RF-Output Power (E.I.R.P)	GSM850/900: 32+/-2dBm
	DCS/PCS: 30+/-2dBm
	LTE B1/B2/B3/ B4/B5 /B7/B8/B12/B17/B20/B28/B38/B41/B66: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE B5: -2.1
	GSM 900/WCDMA B8/LTE B8: -3.5
	DCS/WCDMA B4/ LTE B3/B4/B66: -0.5
	PCS/WCDMA B2/LTE B2: -0.1
	WCDMA B1/LTE B1: -0.1
	LTE B7/B38/B41: -0.1
	LTE B20:-2.1
	LTE B12/B17/B28:-3.3
3in1 Antenna Gain (Peak Gain)	GPS: 0.9
	WIFI 2.4G: 2.4 5G: 0.5
Type of Modulation	

※ Antenna Gain

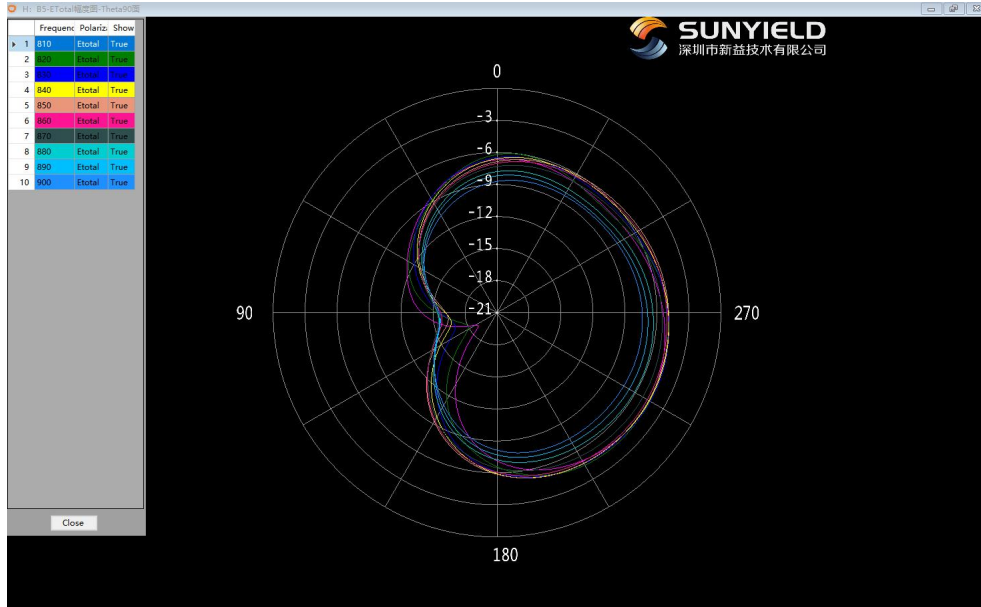
Main Antenna



GSM850 / WCDMA B5 / LTE B5/B20 $\Phi = 0^\circ$



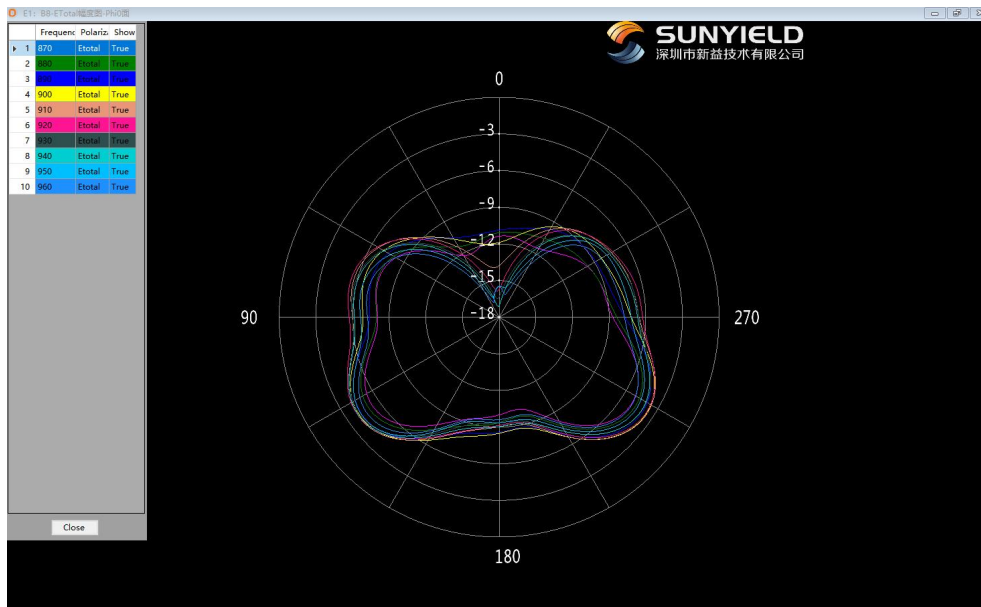
GSM850 / WCDMA B5 / LTE B5/B20 $\Phi = 90^\circ$



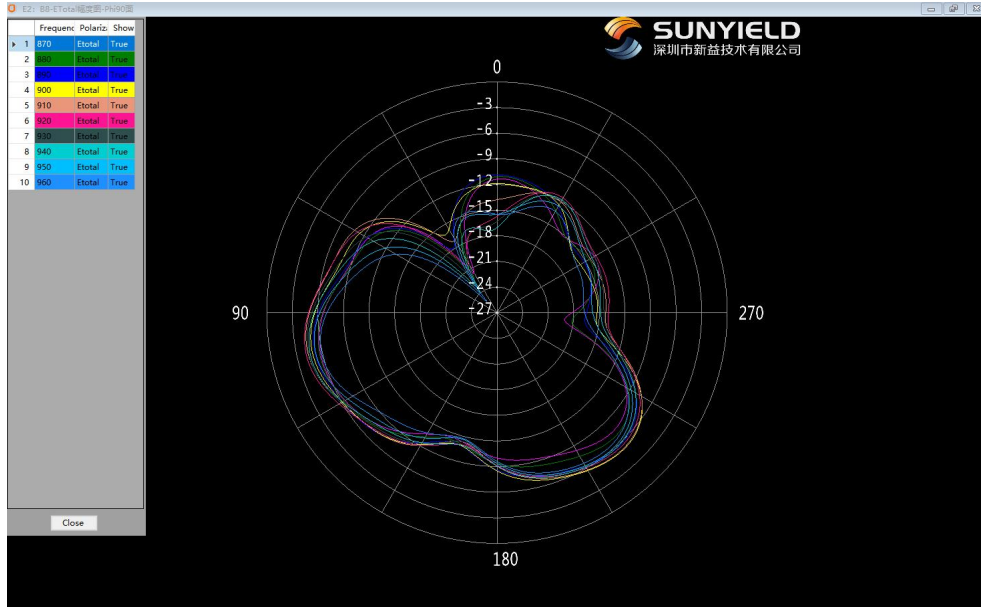
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

※ Antenna Gain

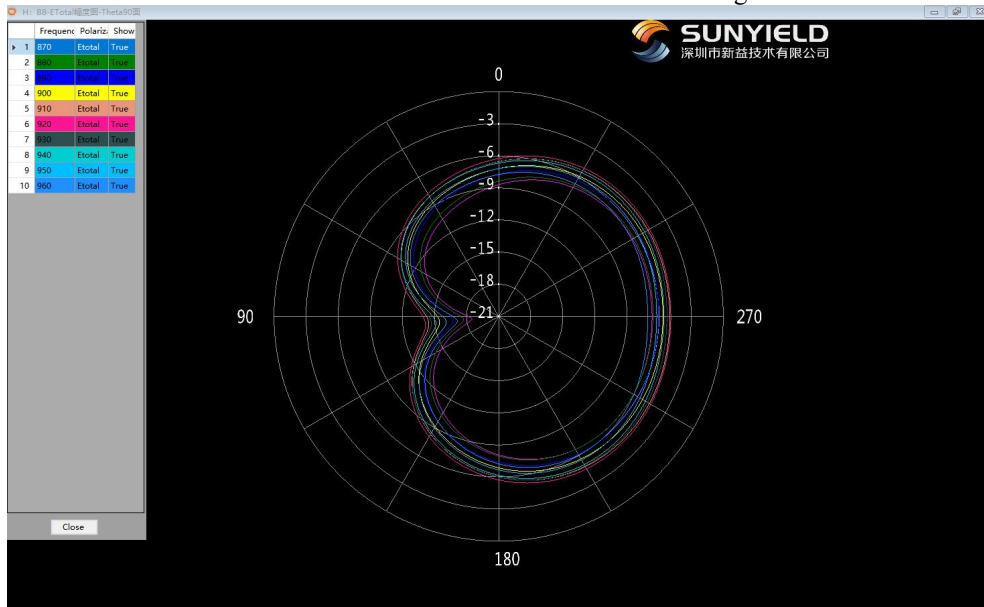
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



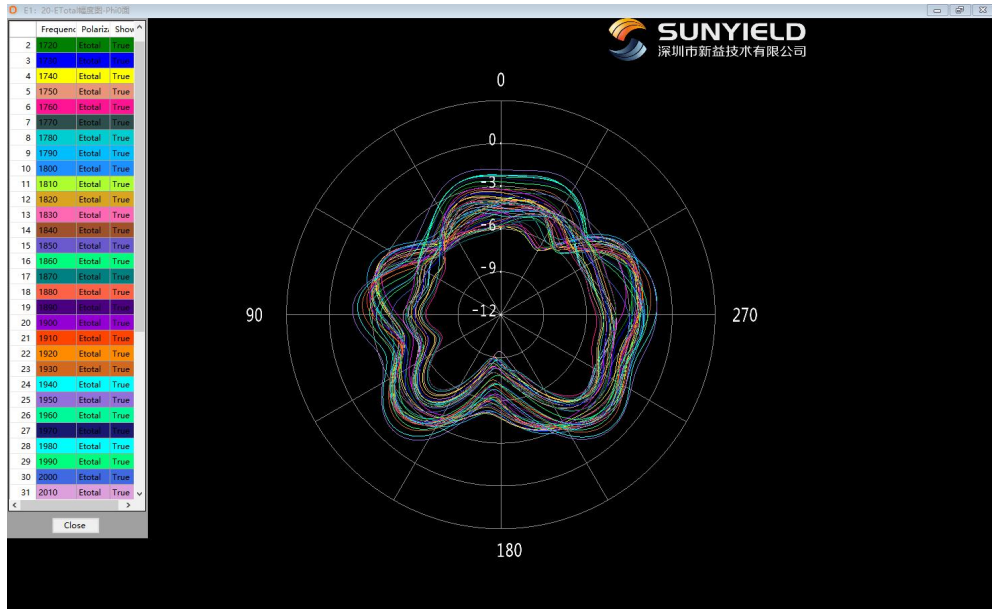
GSM900 / WCDMA B8 / LTE B8 Phi=90deg



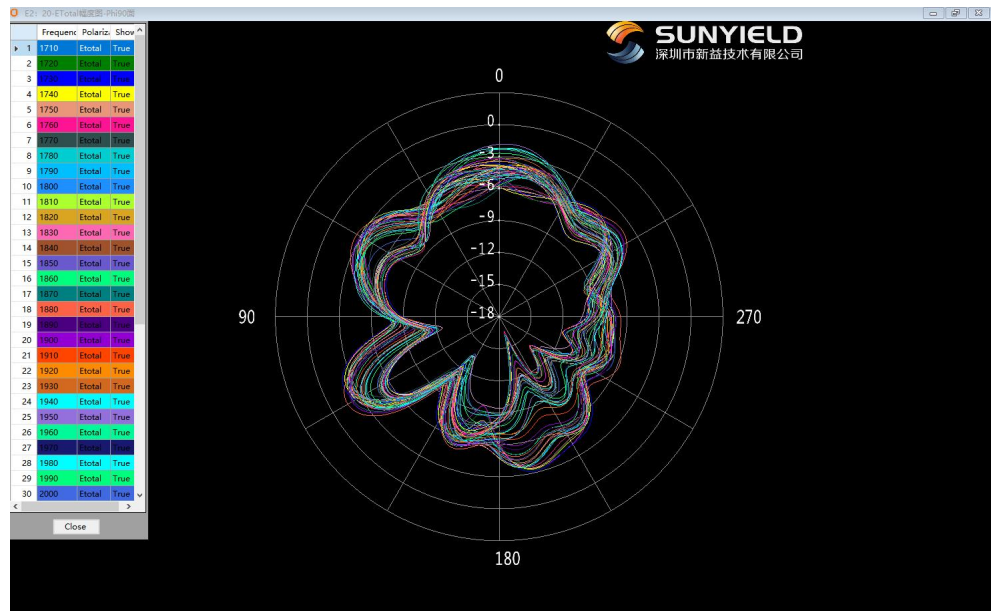
GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

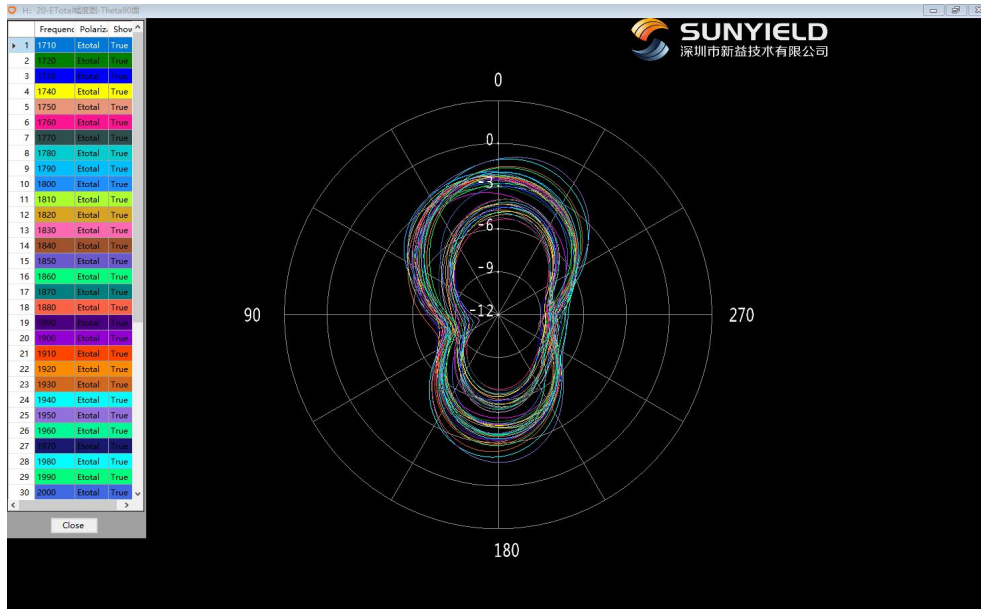
Main Antenna



DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 Phi=0deg



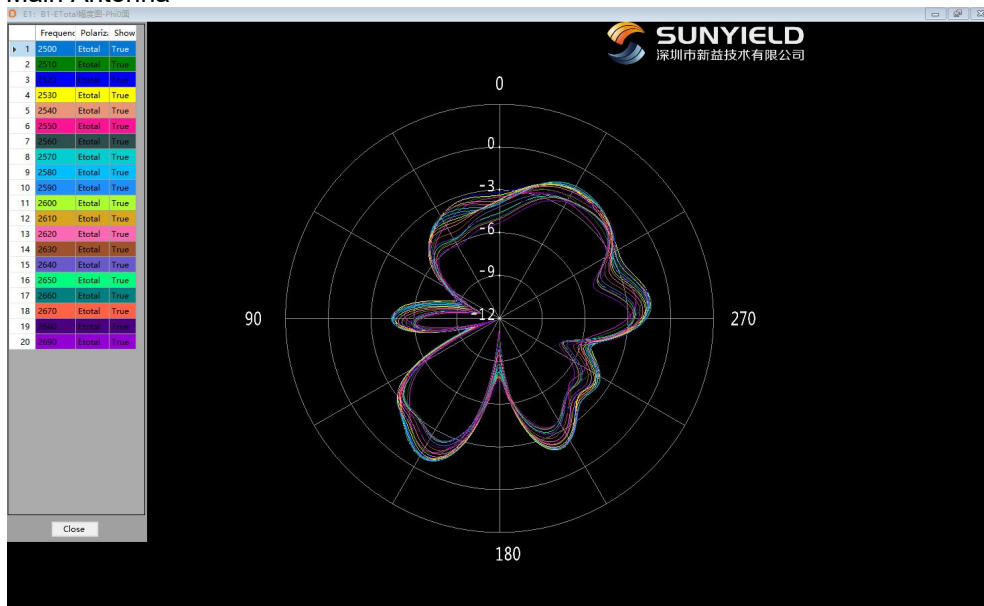
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 Phi=90deg



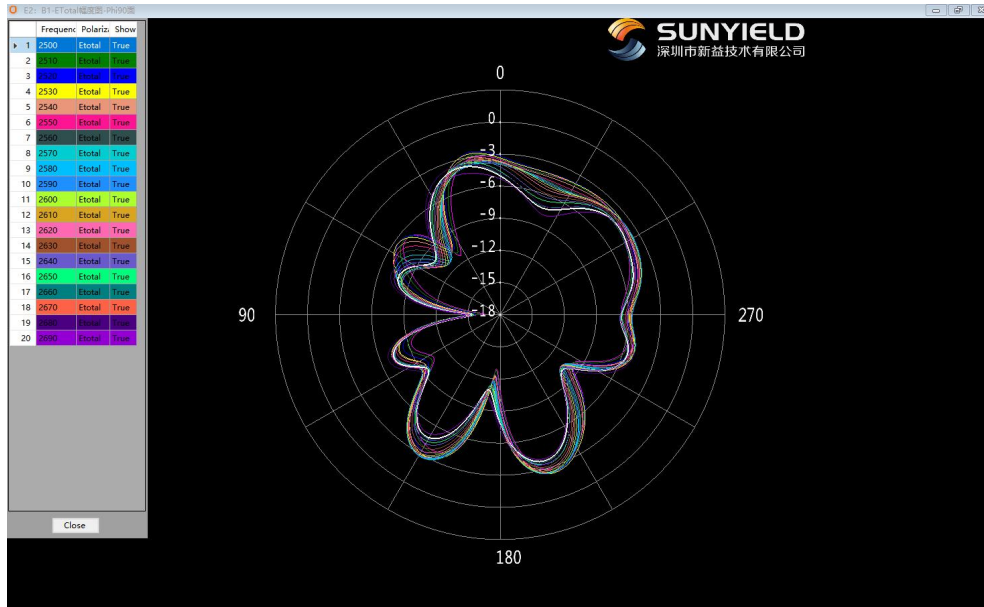
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 Theta=90deg

※ Antenna Gain

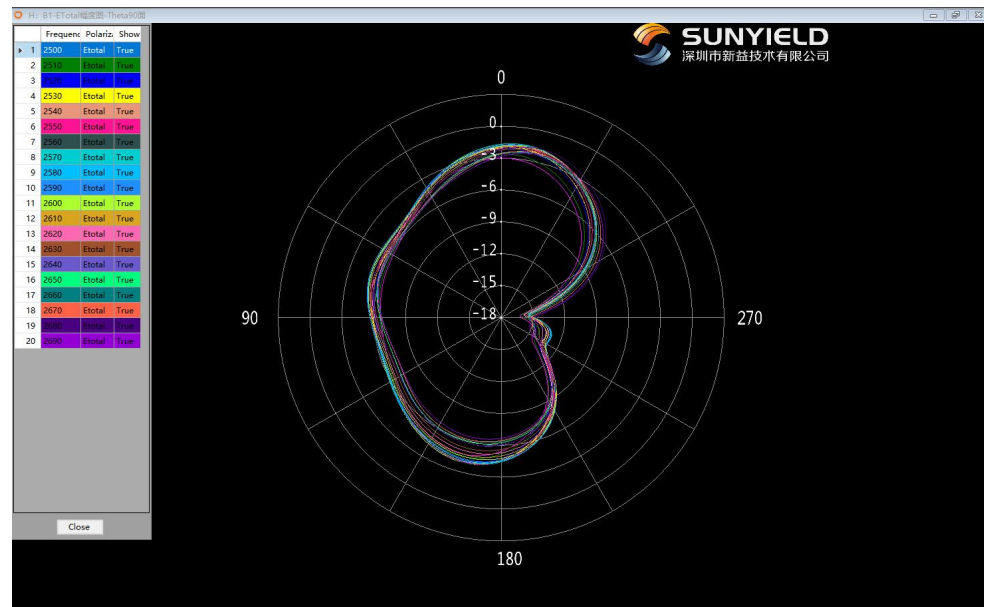
Main Antenna



LTE B7/B38/41 Phi=0deg



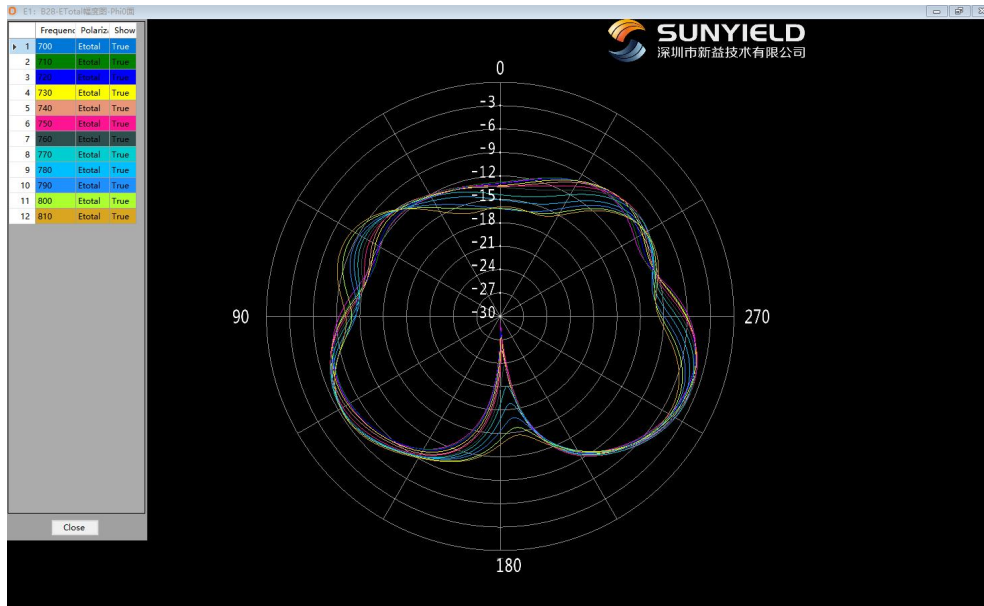
LTE B7/B38/41 Phi=90deg



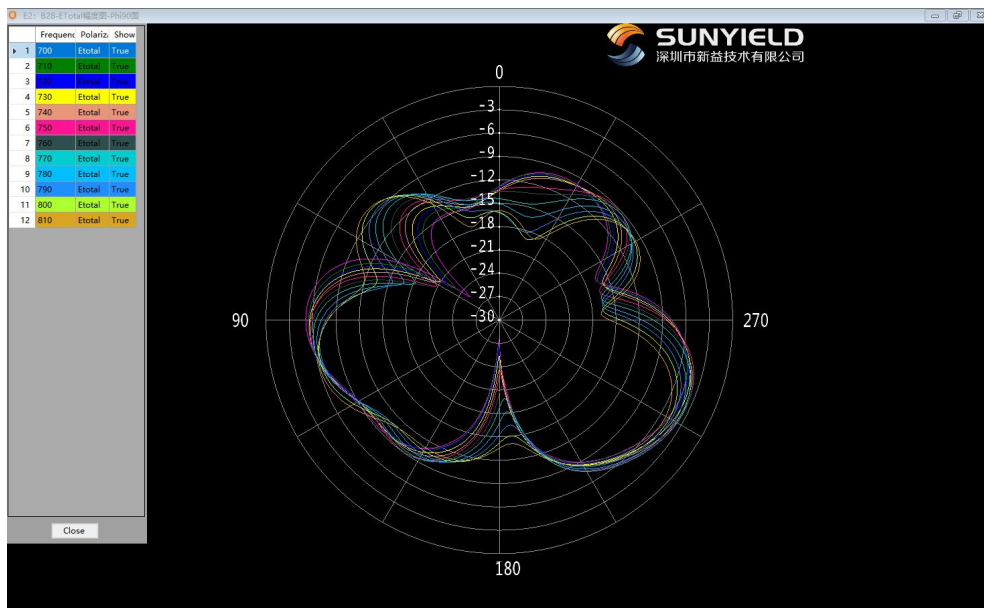
LTE B7/B38/41 Theta=90deg

✘ Antenna Gain

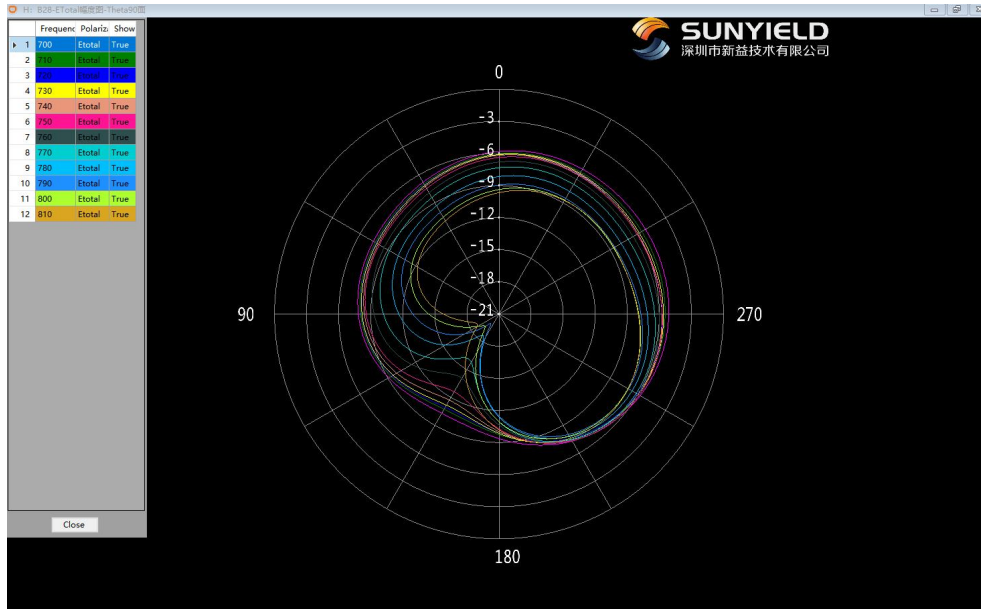
Main Antenna



LTE B12/B17/B28 Phi=0deg



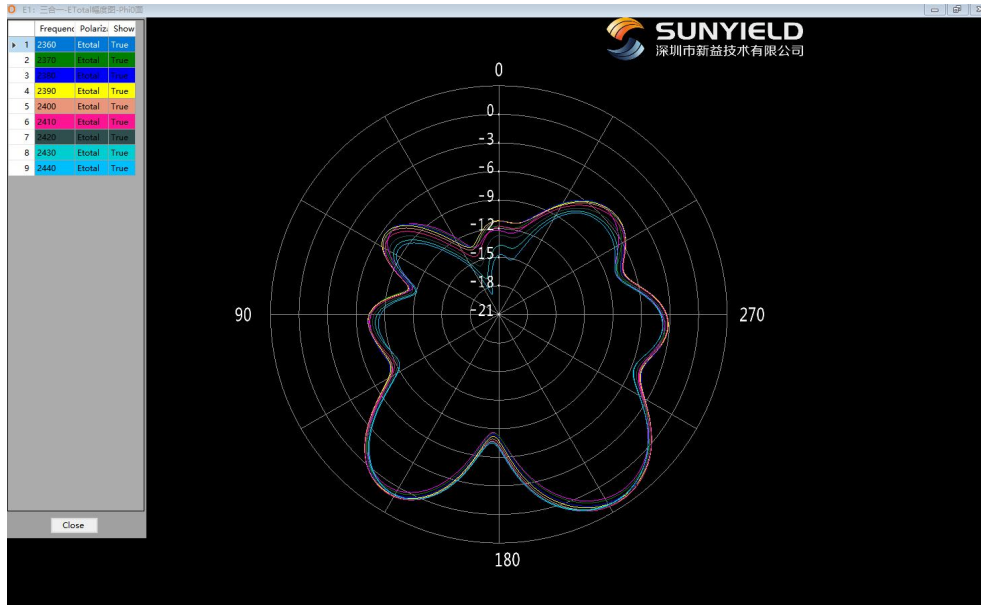
LTE B12/B17/B28 Phi=90deg



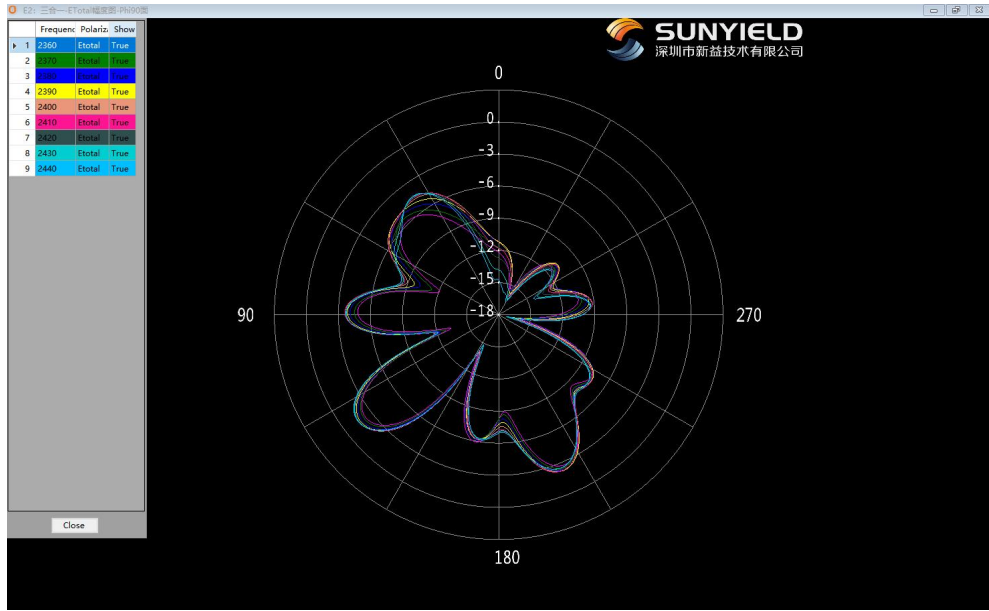
LTE B12/B17/B28 Theta=90deg

※ Antenna Gain

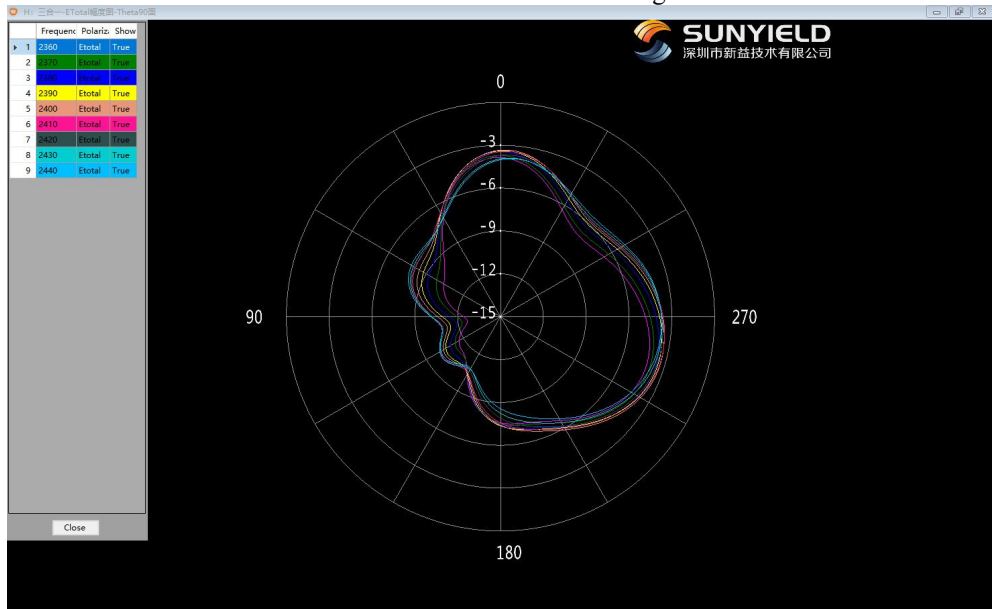
3in1 Antenna



2.4G WIFI&BT Phi=0deg



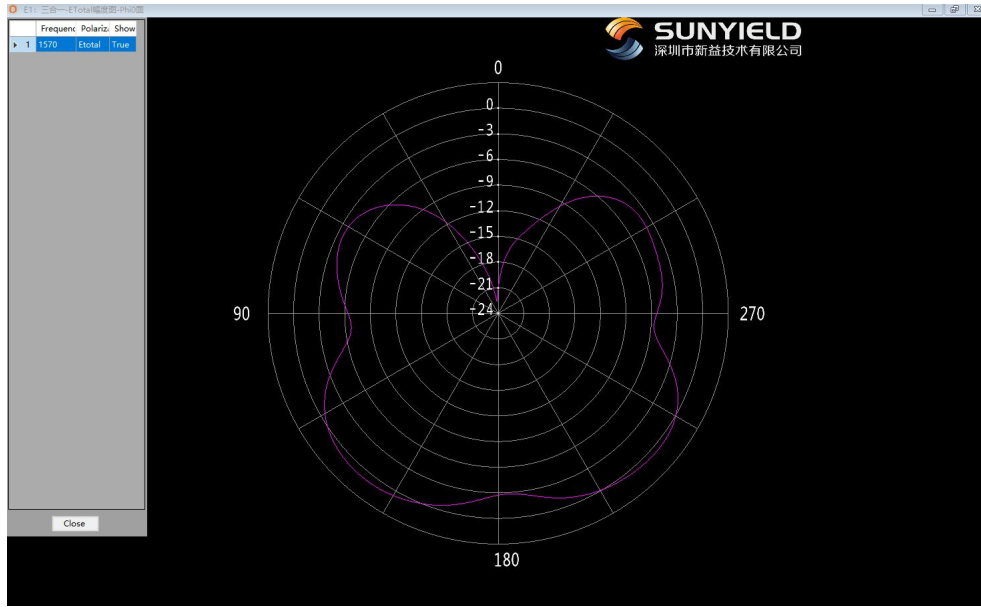
2.4G WIFI&BT Phi=90deg



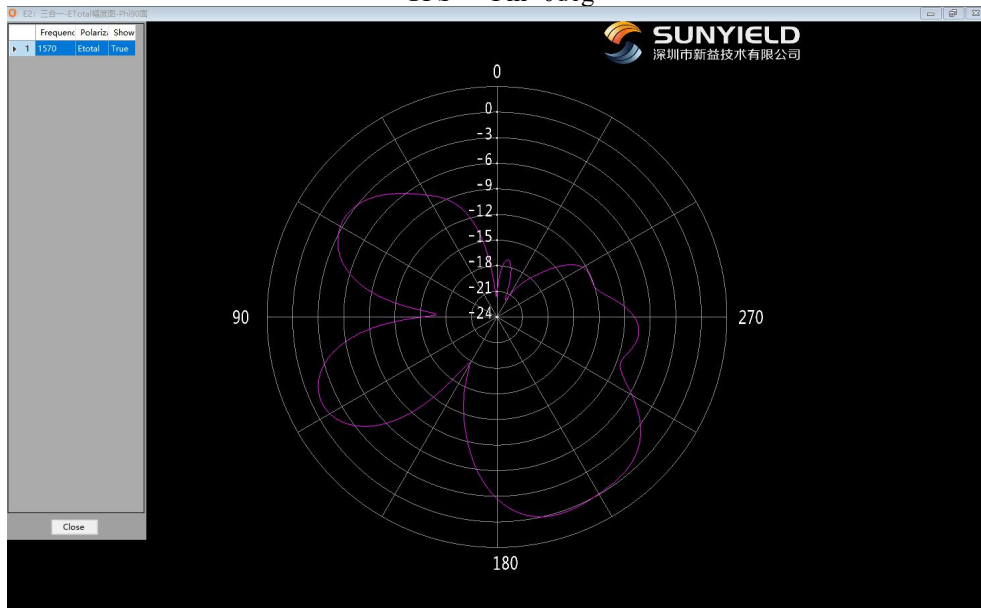
2.4G WIFI&BT Theta=90deg

※ Antenna Gain

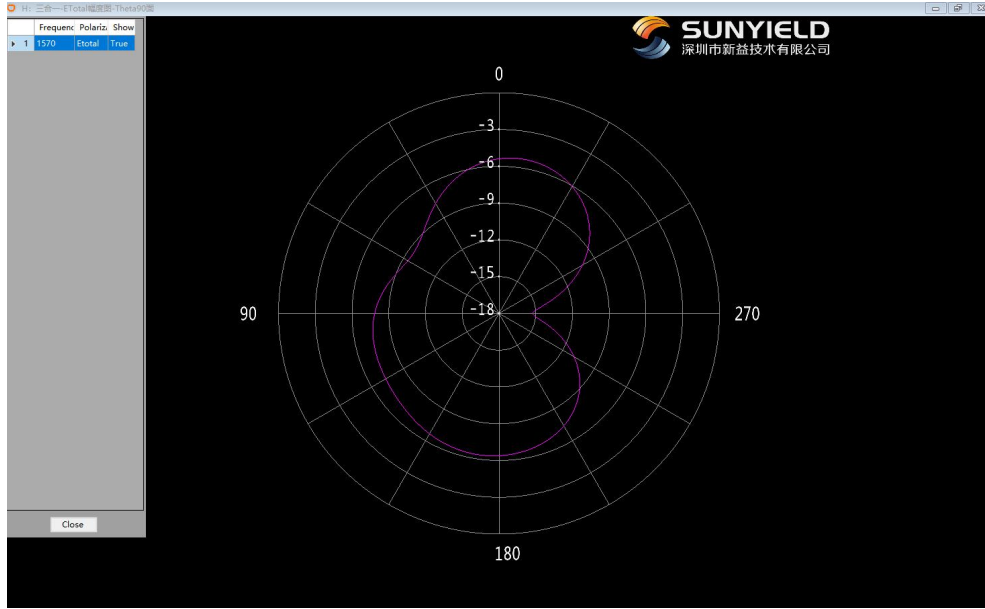
3in1 Antenna



GPS Phi=0deg

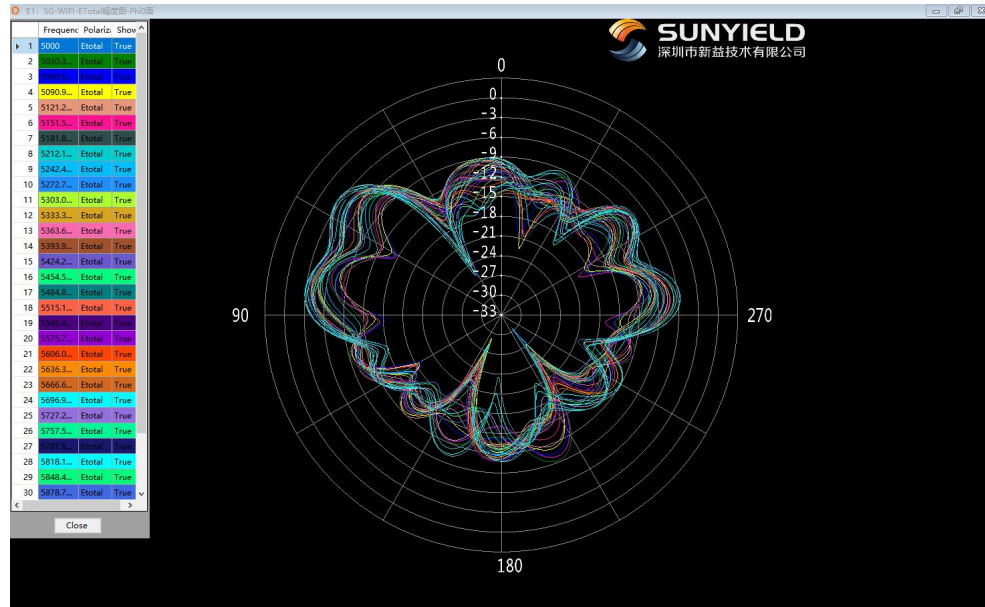


GPS Phi=90deg

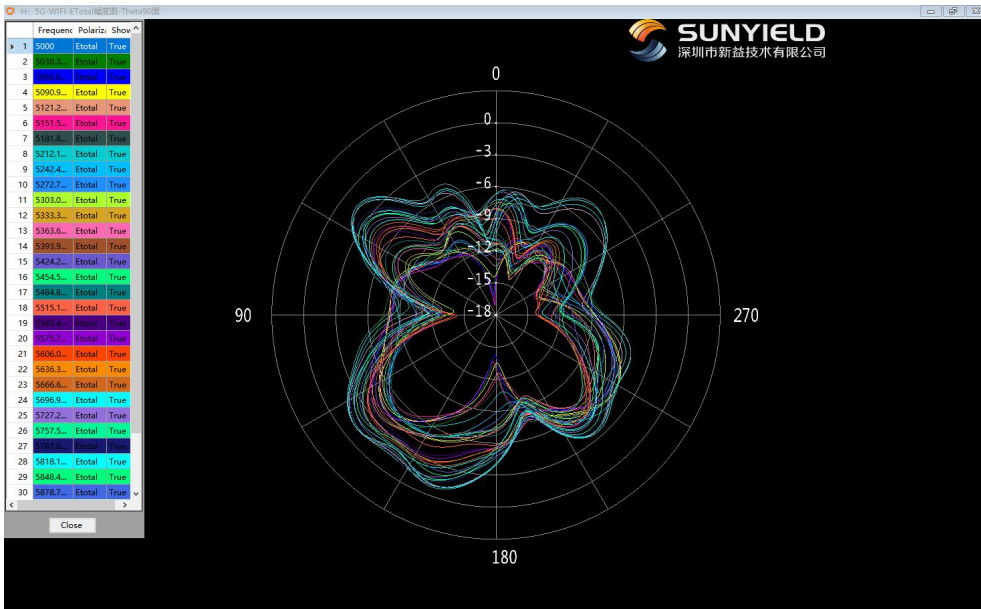
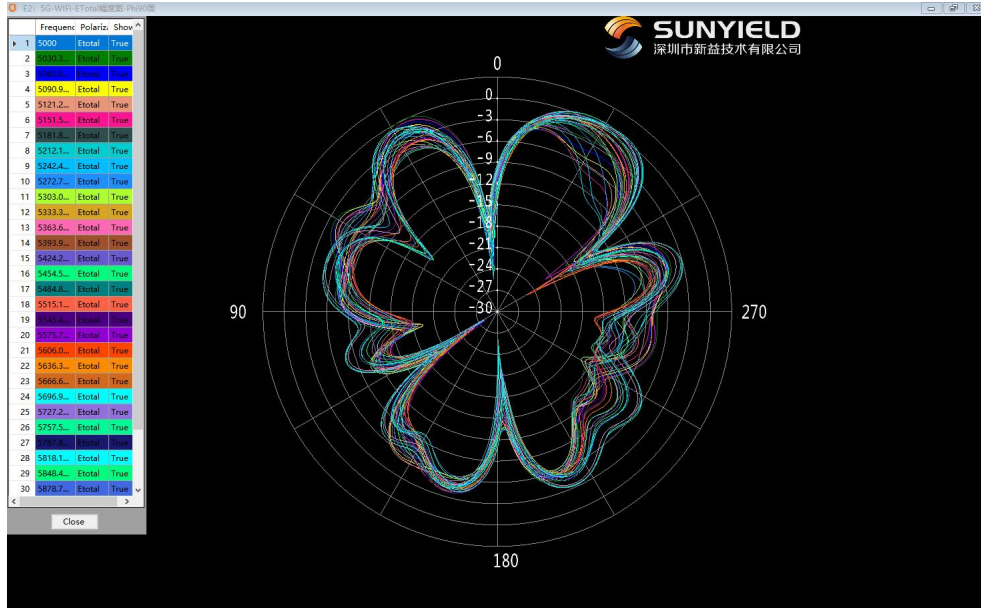


GPS Theta=90deg

※ Antenna Gain
5G WIFI Antenna



5G WIFI Phi=0deg



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Yao.hu		DATE:	2022/11/18