



Feature

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

Application

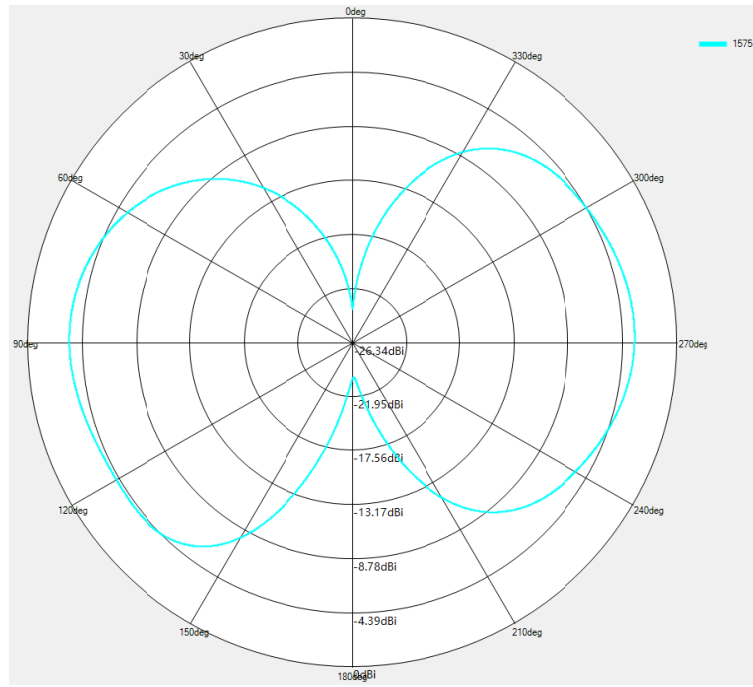
- ※ GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41

Name and address of the antenna manufacturer	Model number of the antenna
Dongguan Guangzheng Mold Plastic Co., Ltd No. 2 Yucheng Road, Shatounan District, Chang'an Town, Dongguan City	X6850-ANT0 X6850-ANT1 X6850-ANT2 X6850-ANT3 X6850-ANT4 X6850-ANT12 X6850-ANT13 X6850-ANT14

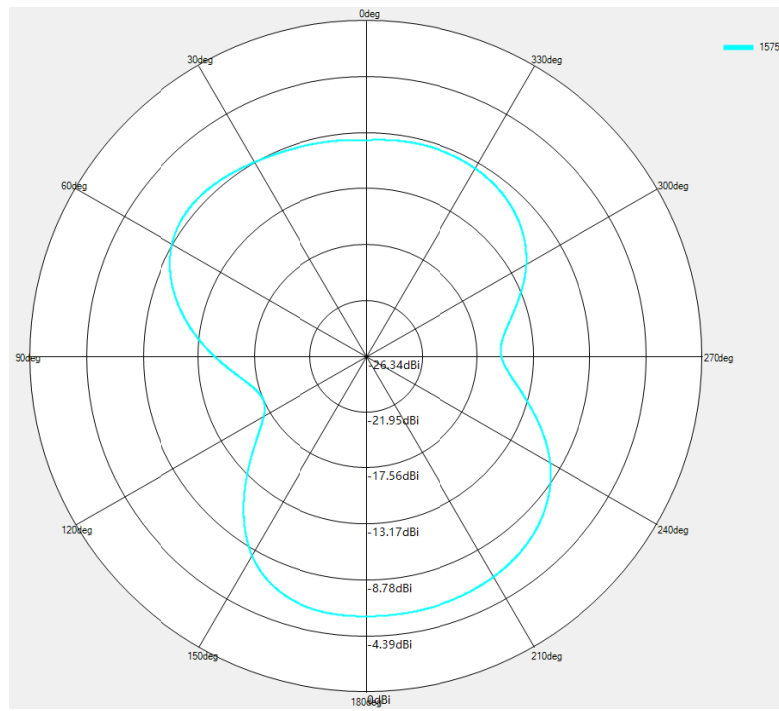
Transmitter Frequency		GSM 850/WCDMA B5/LTE B5 : 824 – 849 MHz
		GSM 900/WCDMA B8/LTE B8 : 880 – 915 MHz
		DCS /WCDMA B4/LTE B3/B4: 1710 – 1785 MHz
		PCS/WCDMA B2/LTE B2:1850-1910MHz
		WCDMA B1/LTE B1 : 1920 – 1980MHz
		LTE B7 : 2500-2570MHz
		LTE B40 :2300-2400MHz
		LTE B38: 2570-2620MHz
		LTE B41: 2535-2655MHz
		LTE B20 :832-862MHz
		LTE 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 : 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 B40 :2300-2400MHz
		LTE B38: 2570-2620MHz
		LTE B41: 2535-2655MHz
		LTE B20 :791-821MHz
LTE B28 :758-803MHz		
Antenna Gain	ANT2	GSM 850/WCDMA B5/LTE B5 : -6.89 dBi
		GSM 900/WCDMA B8/LTE B8 : -6.14 dBi
		LTE B20: -6.89 dBi
		LTE B28 : -7.95 dBi
	ANT4	DCS /WCDMA B4/LTE B3/B4: -2.7 dBi
		PCS/WCDMA B2/LTE B2: -2.8 dBi
		WCDMA B1/LTE B1: -2.8 dBi
		LTE B7/B38/B41: -0.88 dBi
		LTE B40: -1.34 dBi
	ANT13	GPS(L1): -1.41 dBi
	ANT12	BT/BLE, 2.4G Wi-Fi:-4.12 dBi; 5G Wi-Fi: -2.31 dBi
	ANT14	BT/BLE, 2.4G Wi-Fi:-3.37 dBi; 5G Wi-Fi: -3.19 dBi

※ Antenna Gain

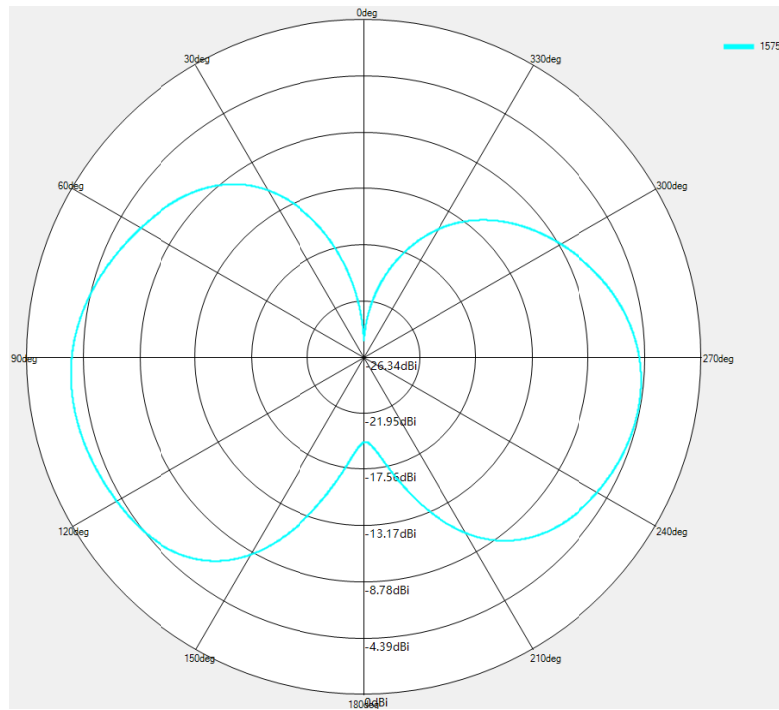
ANT13



GPS Theta=0deg



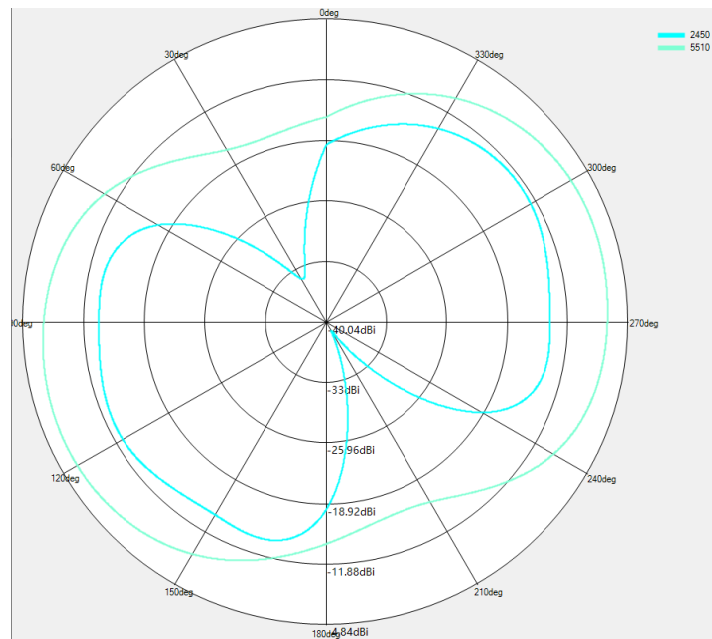
GPS Theta=90deg



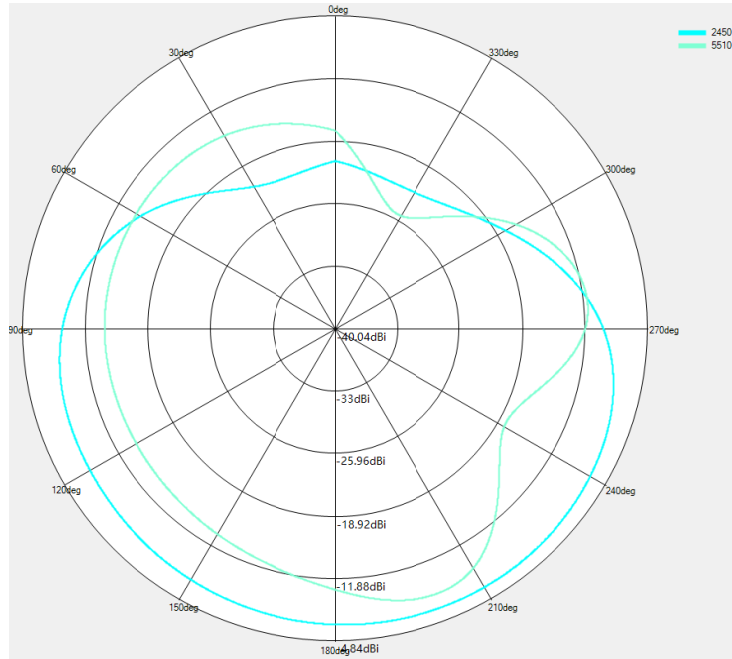
GPS $\Phi=90^\circ$

※ Antenna Gain

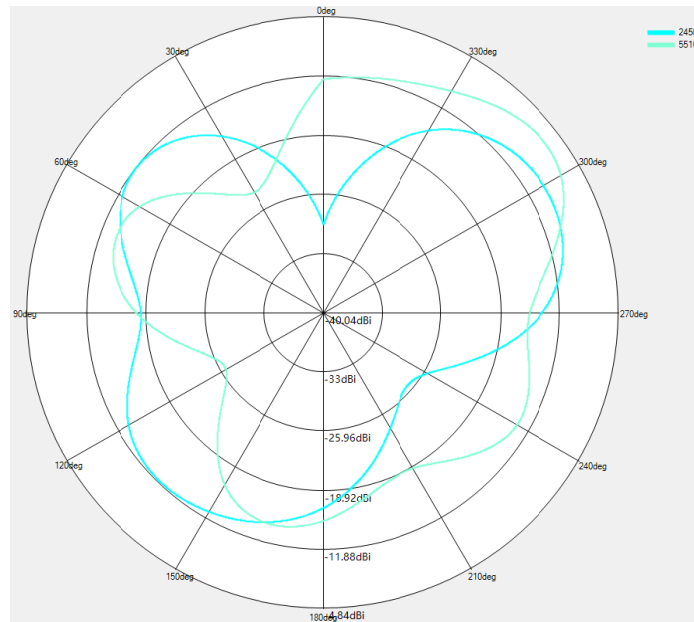
ANT12



2.4G/5G WIFI&BT $\Theta=0^\circ$



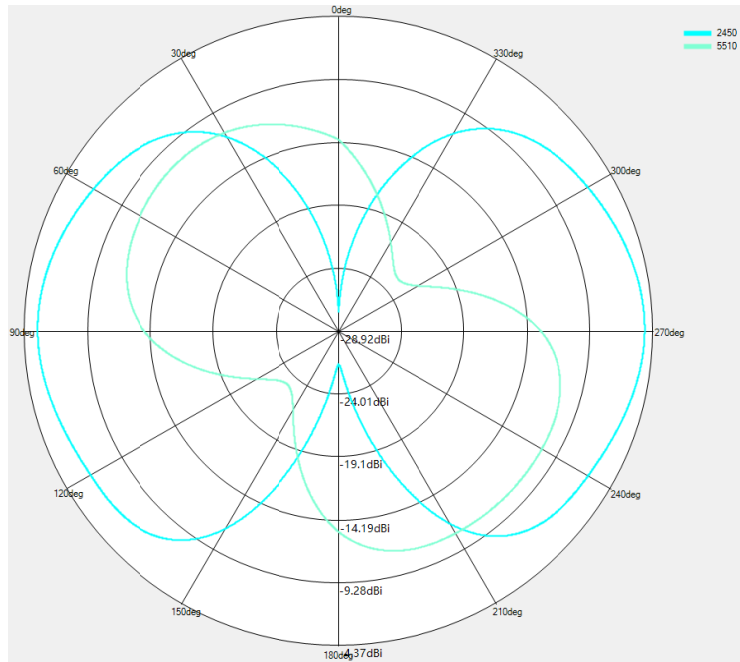
2.4G/5G WIFI&BT $\Theta=90^\circ$



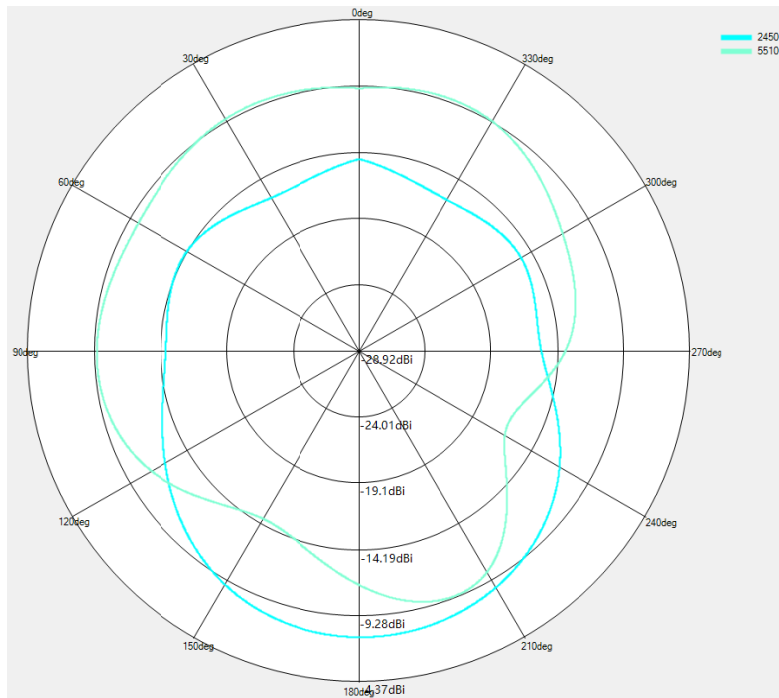
2.4G/5G WIFI&BT $\Phi=90^\circ$

※ Antenna Gain

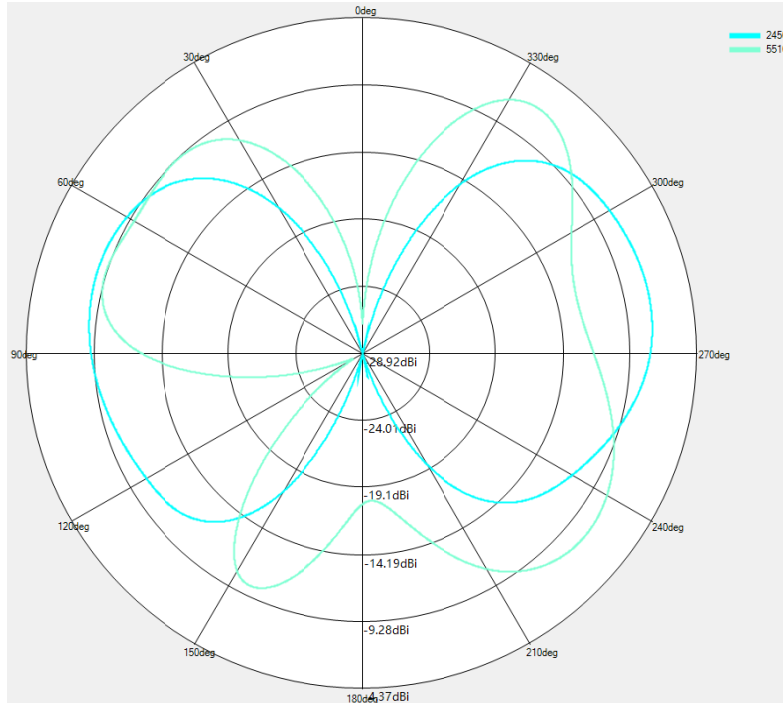
ANT14



2.4G/5G WIFI&BT Theta=0deg



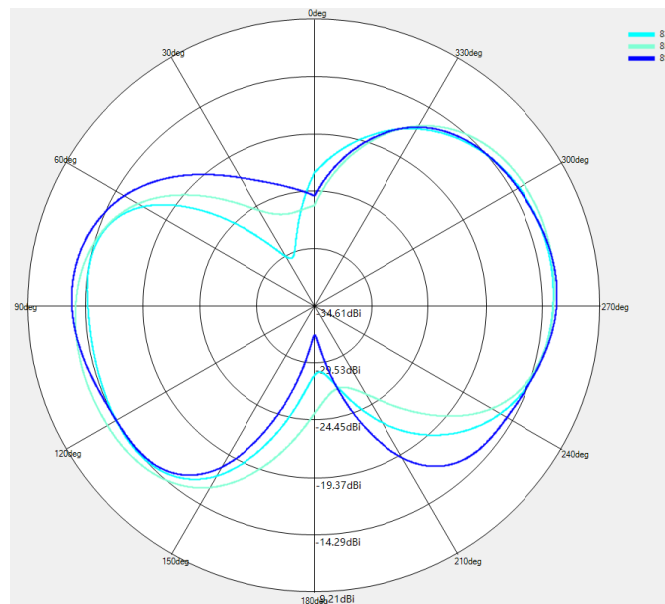
2.4G/5G WIFI&BT Theta=90deg



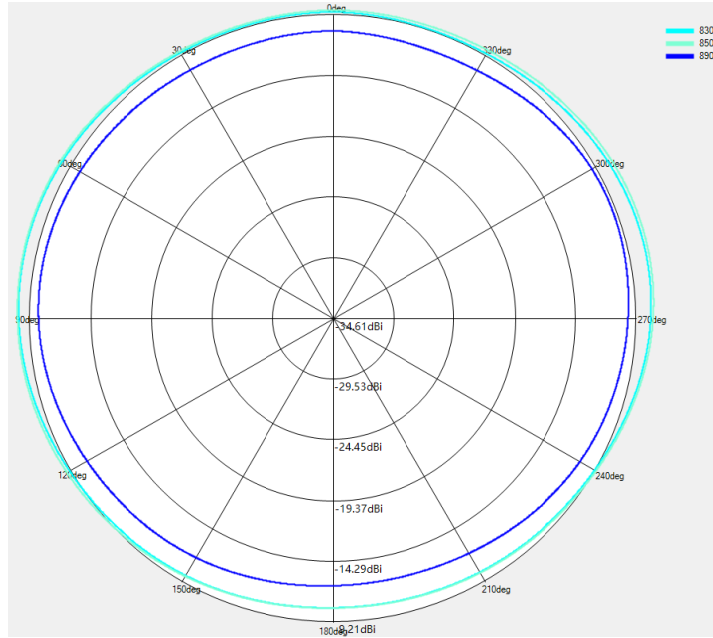
2.4G/5G WIFI&BT Phi=90deg

※ Antenna Gain

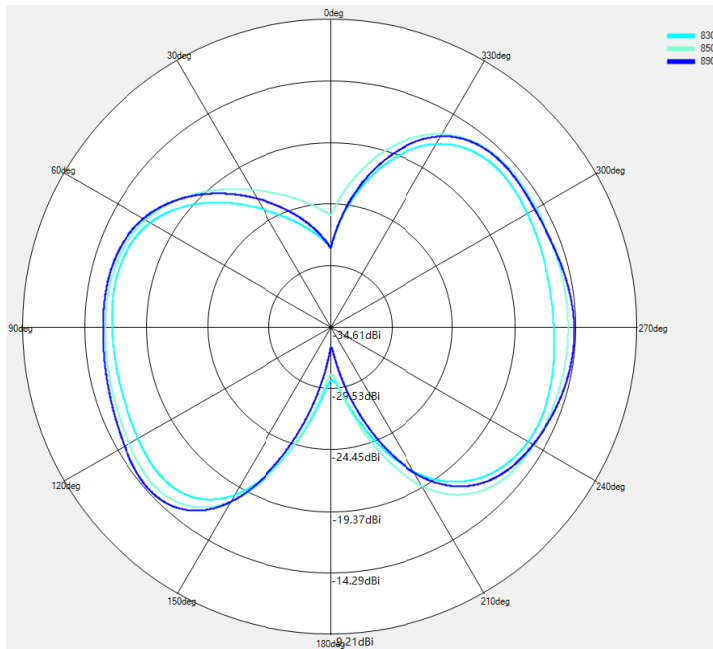
ANT2



GSM850/ WCDMA B5/LTE B5/B20 Theta=0deg



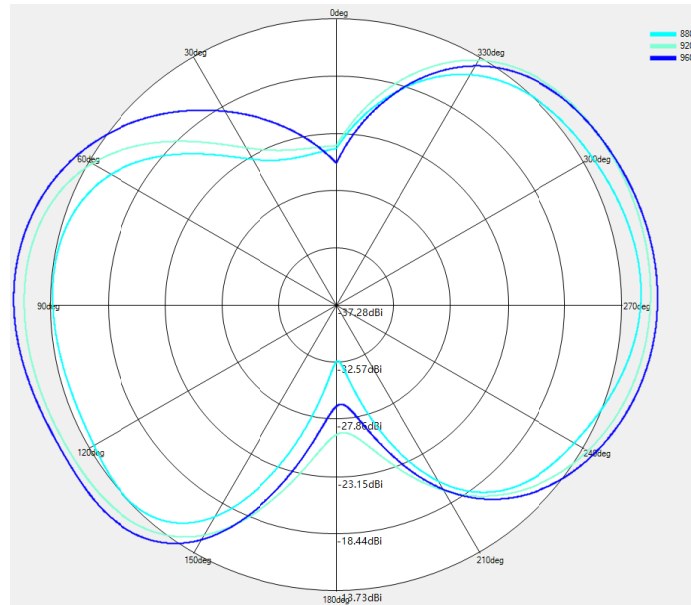
GSM850/ WCDMA B5/LTE B5/B20 Theta=90deg



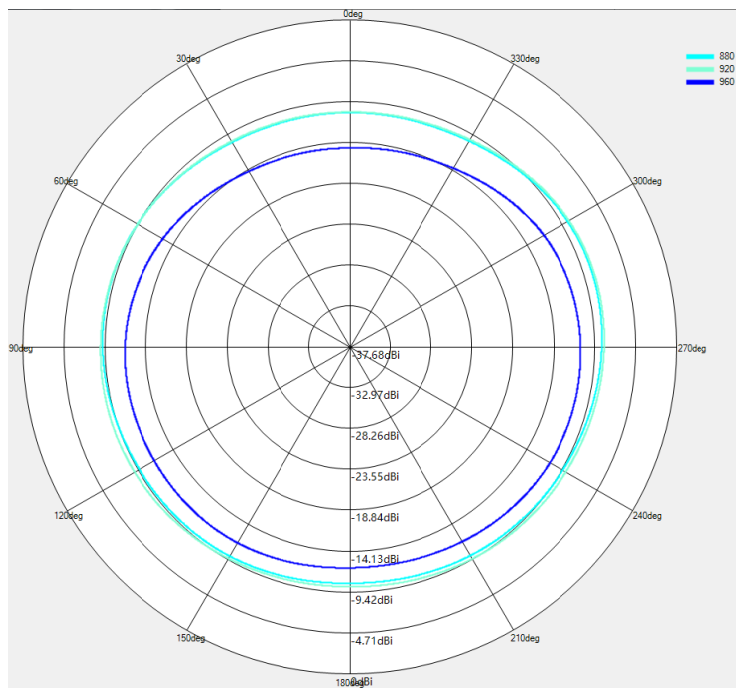
GSM850/ WCDMA B5/LTE B5/B20 Phi=90deg

※ Antenna Gain

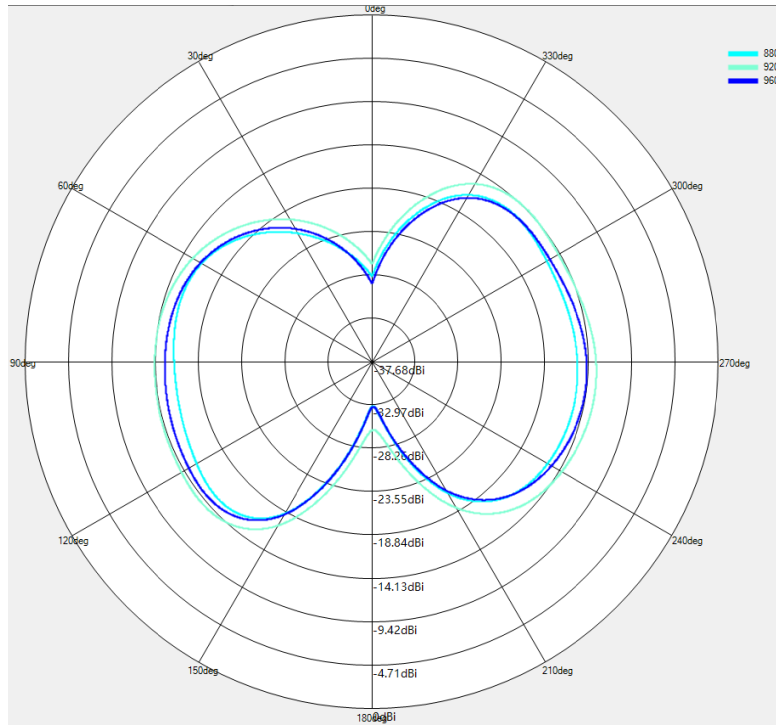
ANT2



GSM 900/WCDMA B8/LTE B8 Theta=0deg



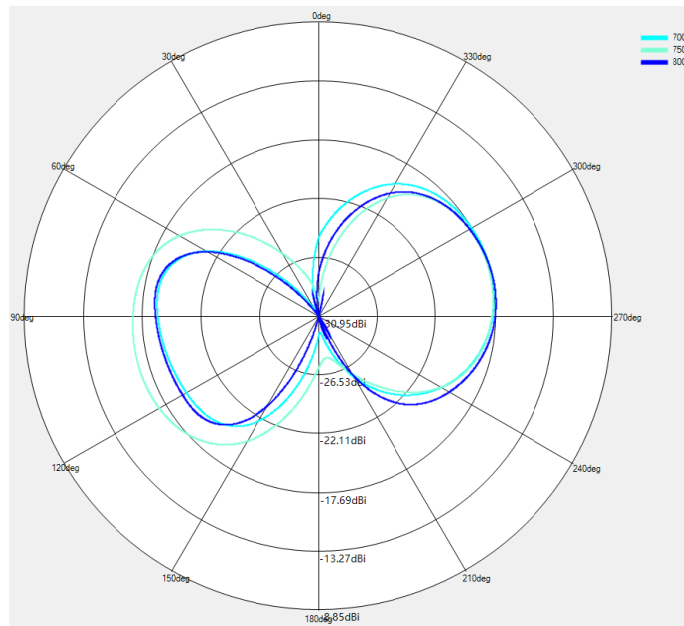
GSM 900/WCDMA B8/LTE B8 Theta=90deg



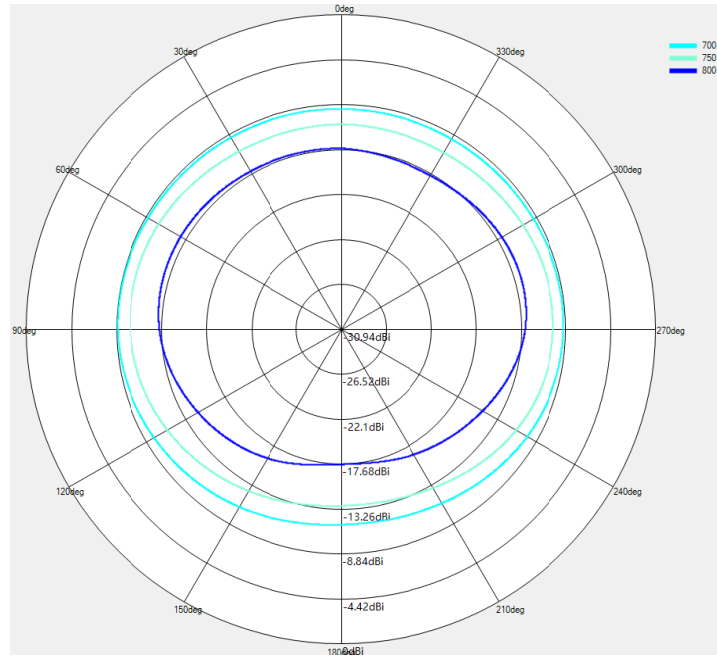
GSM 900/WCDMA B8/LTE B8 Phi=90deg

※ Antenna Gain

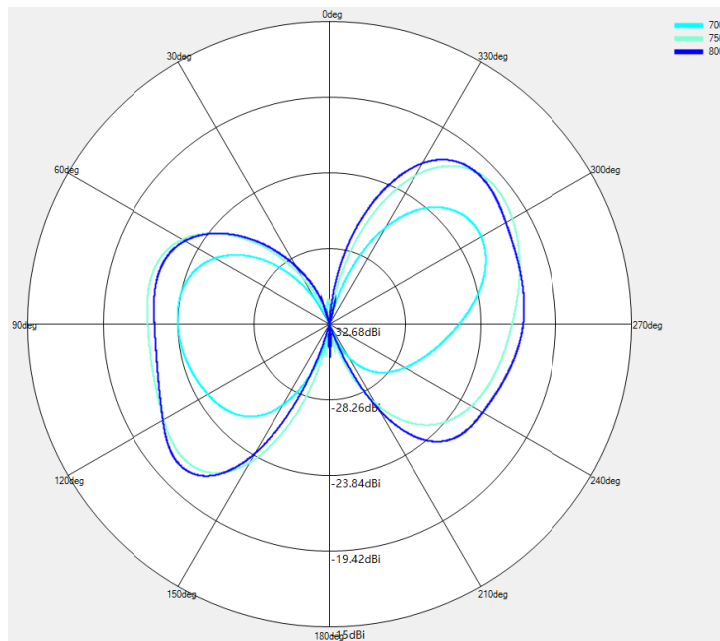
ANT2



LTE B28 Theta=0deg



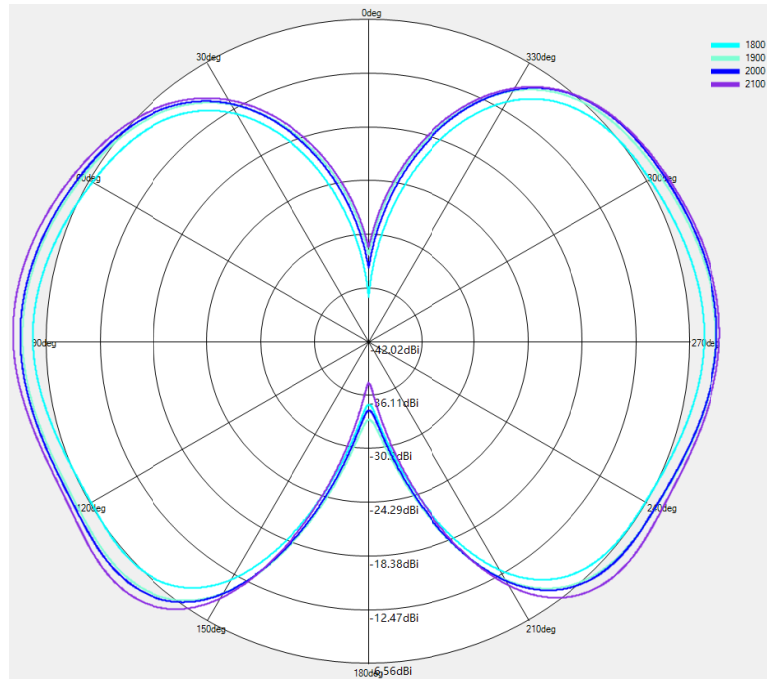
LTE B28 Theta=90deg



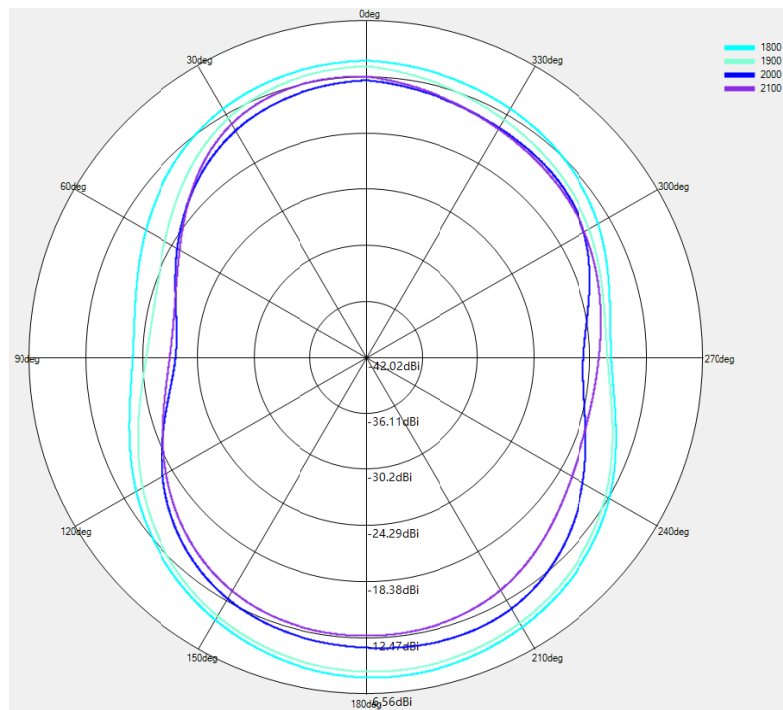
LTE B28 Phi=90deg

※ Antenna Gain

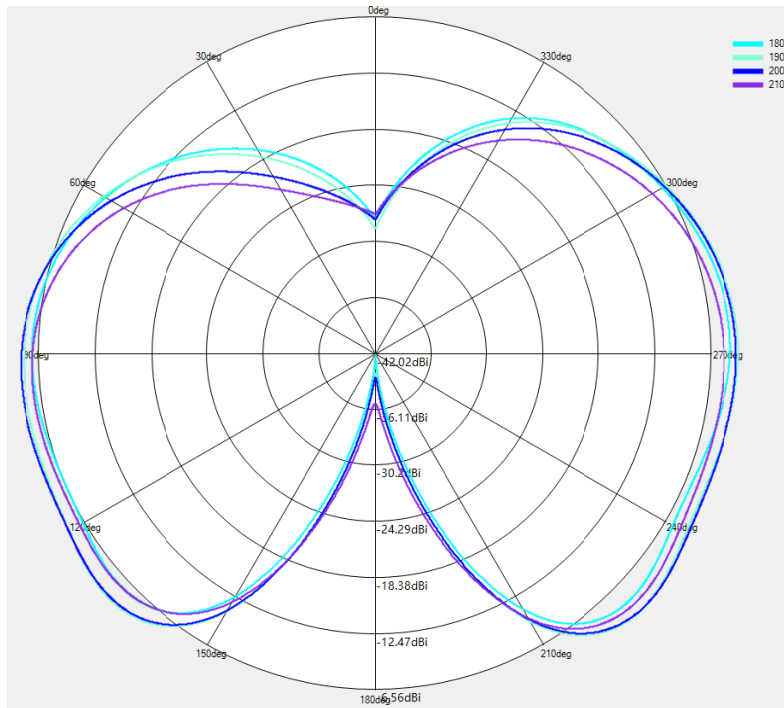
ANT4



DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4 Theta=0deg



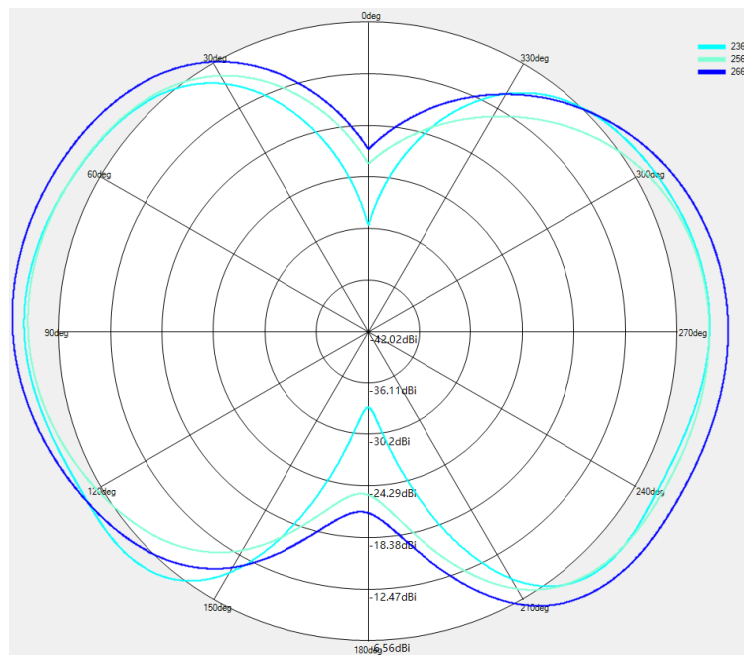
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4 Theta=90deg



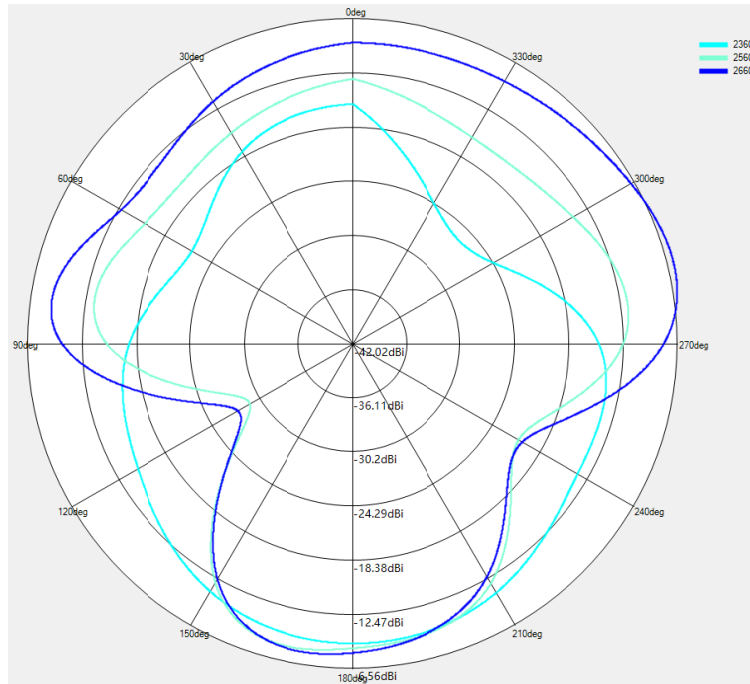
DCS/PCS/WCDMA B1/B2/B4/LTE B1/B2/B3/B4 Phi=90deg

※ Antenna Gain

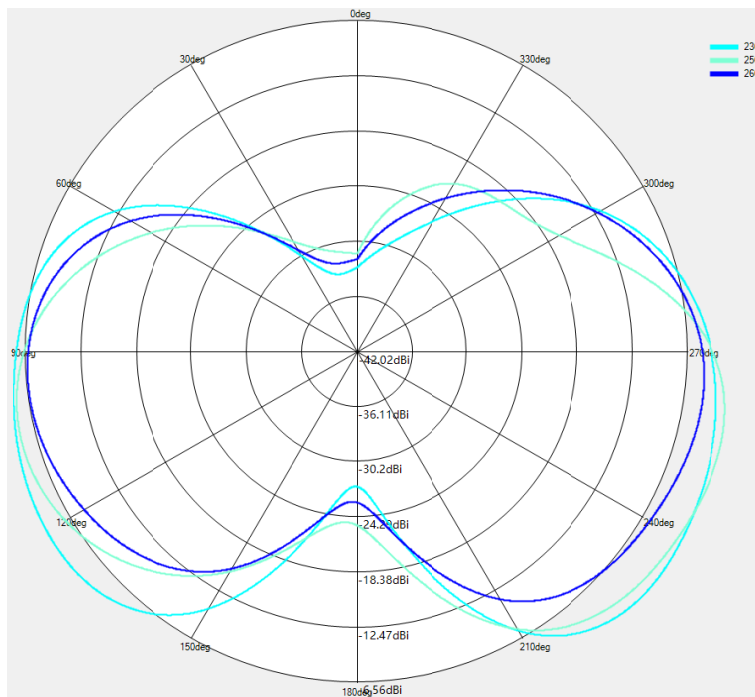
ANT4



LTE B7/B38/B40/B41 Theta=0deg

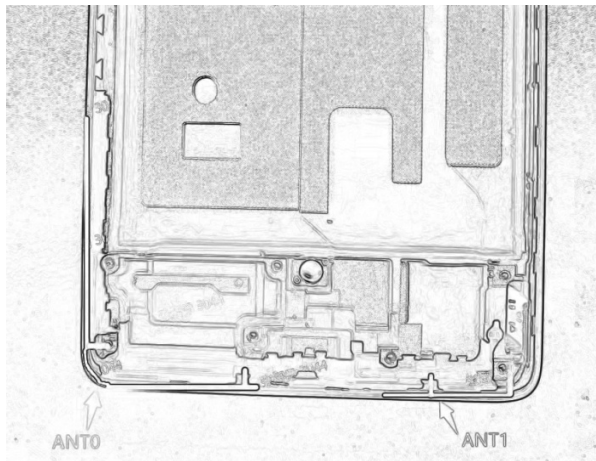
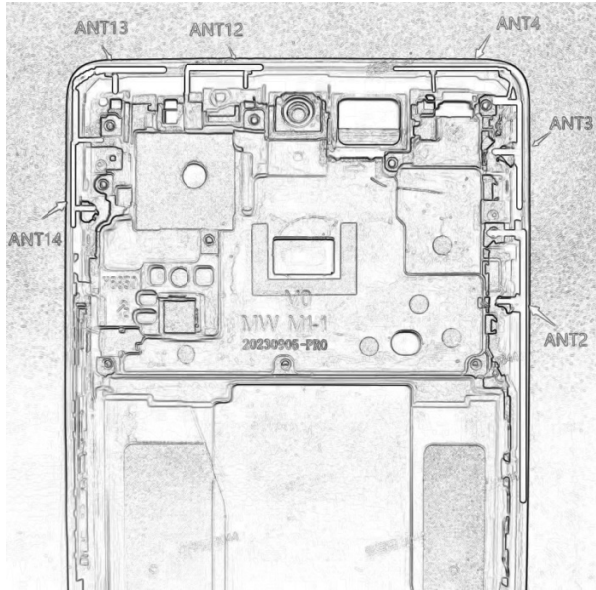


LTE B7/B38/B40/B41 Theta=90deg



LTE B7/B38/B40/B41 Phi=90deg

Antenna Photo:



ANT	Support Band
ANT0	RX
ANT1	RX
ANT2	GSM850/ WCDMA B5/ LTE B5
ANT3	RX
ANT4	PCS1900/ WCDMA B2/4/ LTE B2/4/7/38/40/41
ANT12	Wi-Fi Main Ant; BT/BLE ANT0
ANT13	GPS
ANT14	Wi-Fi Aux ANT;BT/BLE ANT1