



Feature

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

Application

※GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8

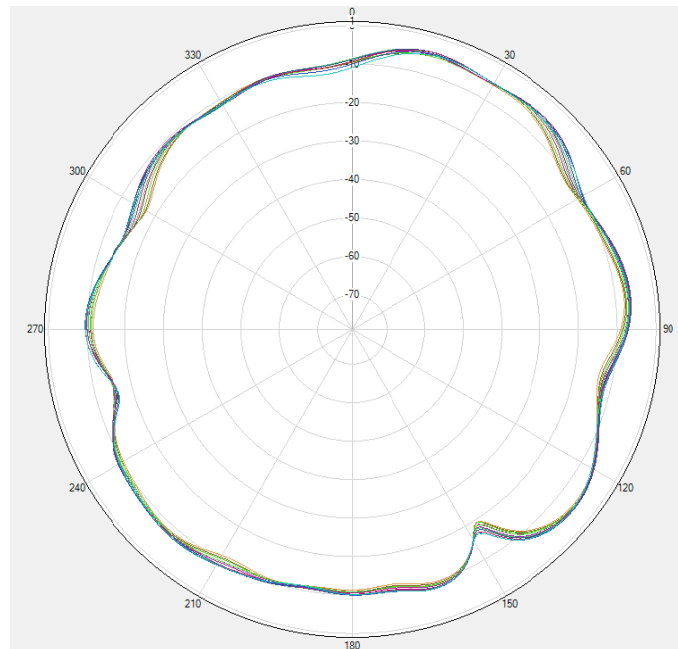
LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B26/B28/B38/B40/B41/B66

Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen ruide communication technology co., ltd Room 604, Floor 6, Building 27, Xiantao Data Valley, Yubei District, Chongqing	3IN1: A666LN-ANT1 DIV: A666LN-ANT2 MAIN: A666LN-ANT3 5G WIFI: A666LN-ANT4

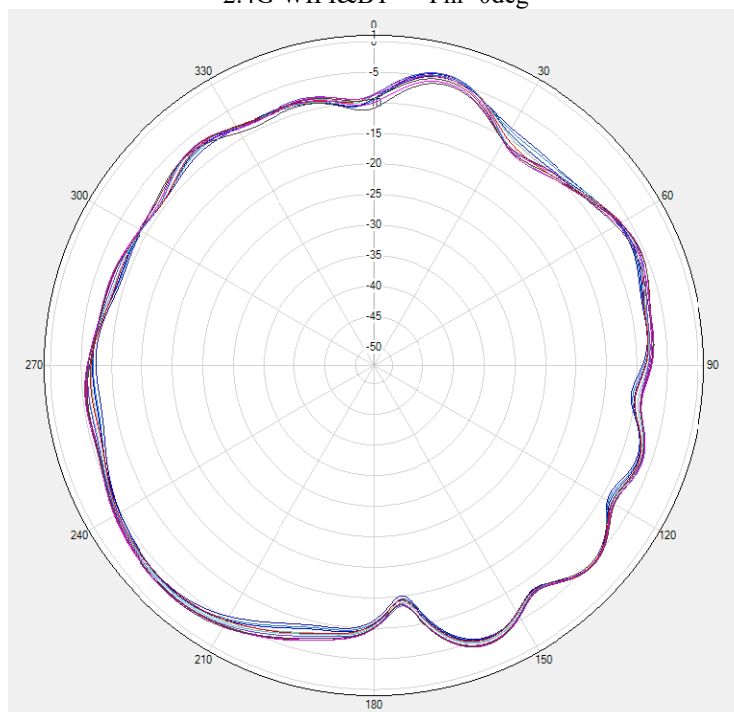
Transmitter Frequency		GSM 850/WCDMA B5/LTE B5/B26: 824 – 849 MHz
		GSM 900/WCDMA B8/LTE B8: 880 – 915 MHz
		DCS /WCDMA B4/LTE B3/B4/B66: 1710 – 1785 MHz
		PCS/WCDMA B2/LTE B2:1850-1910MHz
		WCDMA B1/LTE B1: 1920 – 1980MHz
		LTE B7: 2496-2565MHz
		LTE B40: 2300-2400MHz
		LTE B38: 2570-2620MHz
		LTE B41: 2535-2655MHz
		LTE B20:832-862MHz
		LTE B12/B17/B28: 710-755MHz
Receiver Frequency		GSM 850/WCDMA B5/LTE B5/B26: 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 B40: 2300-2400MHz
		LTE B38: 2570-2620MHz
		LTE B41: 2535-2655MHz
		LTE B20: 791-821MHz
		LTE B12/B17/B28: 758-803MHz
Antenna Gain	ANT3	GSM 850/WCDMA B5/LTE B5/B26: -4.7dBi
		GSM 900/WCDMA B8/LTE B8: -4.8dBi
		DCS /WCDMA B4/LTE B3/B4/B66: -1.2dBi
		PCS/WCDMA B2/LTE B2: -1.4dBi
		WCDMA B1/LTE B1: -1.3dBi
		LTE B7/B38/B41: -0.4dBi
		LTE B40: -0.7dBi
		LTE B20:-5.4dBi
		LTE B12/B17/B28:-5.6dBi
	ANT1	2.4G Wi-Fi/Bluetooth: -3.3dBi
	ANT4	5G Wi-Fi: -1.1dBi

※ Antenna Gain

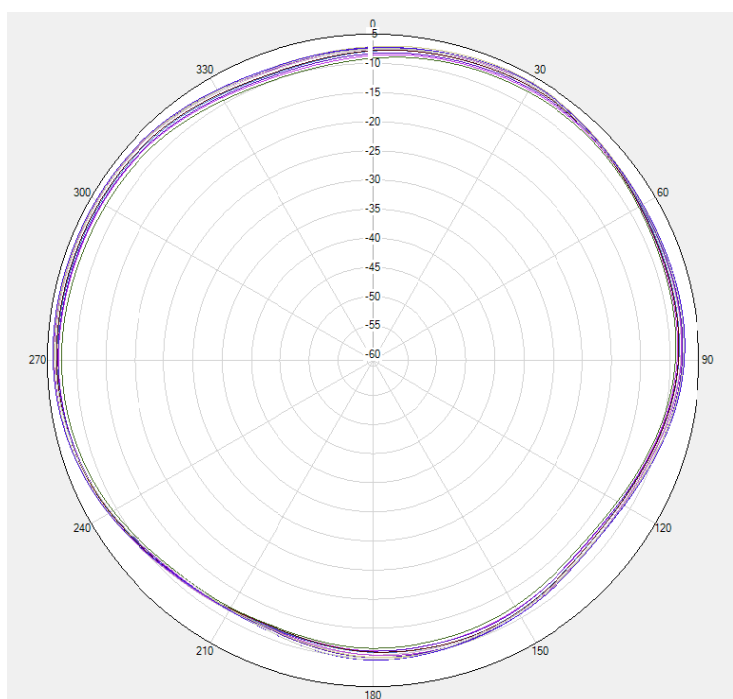
ANT1 2.4GWIFI



2.4G WIFI&BT $\Phi=0^\circ$

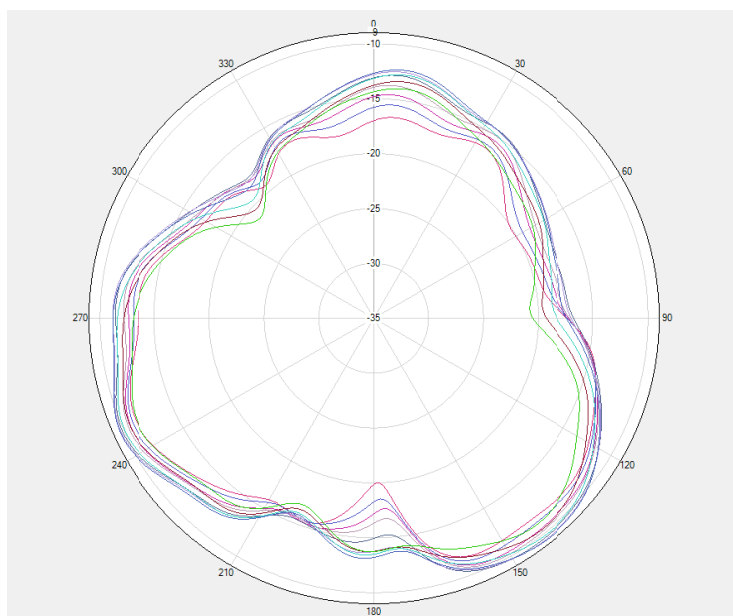


2.4G WIFI&BT $\Phi=90^\circ$

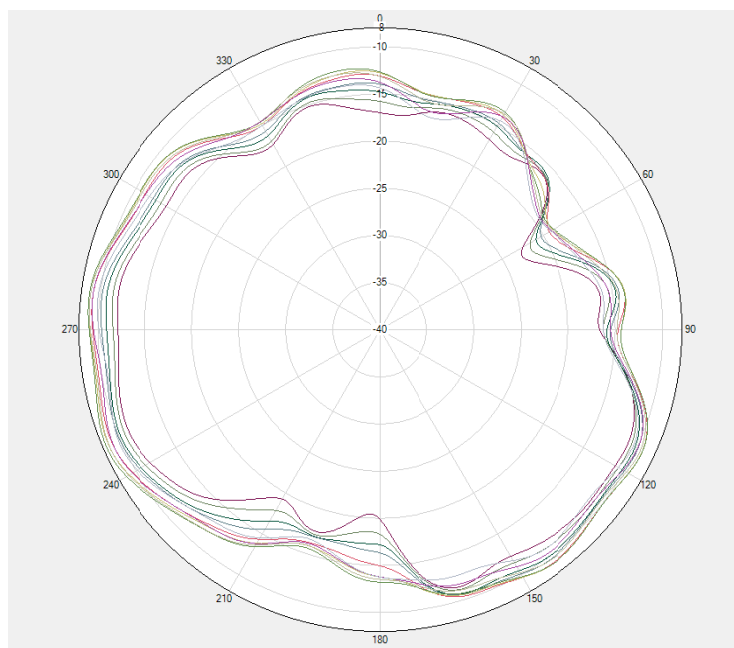


2.4G WIFI&BT Theta=90deg

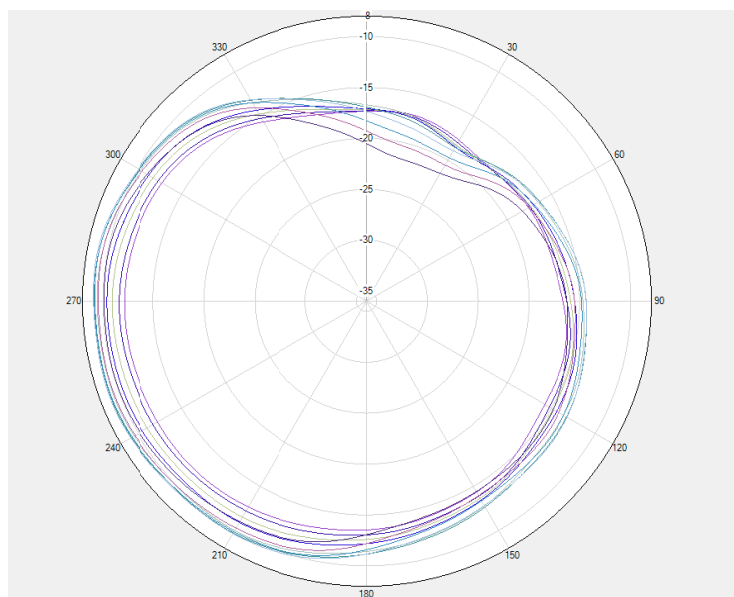
※ Antenna Gain
ANT3
Main Antenna



GSM850 / WCDMA B5 / LTE B5/B20/B26 Phi=0deg



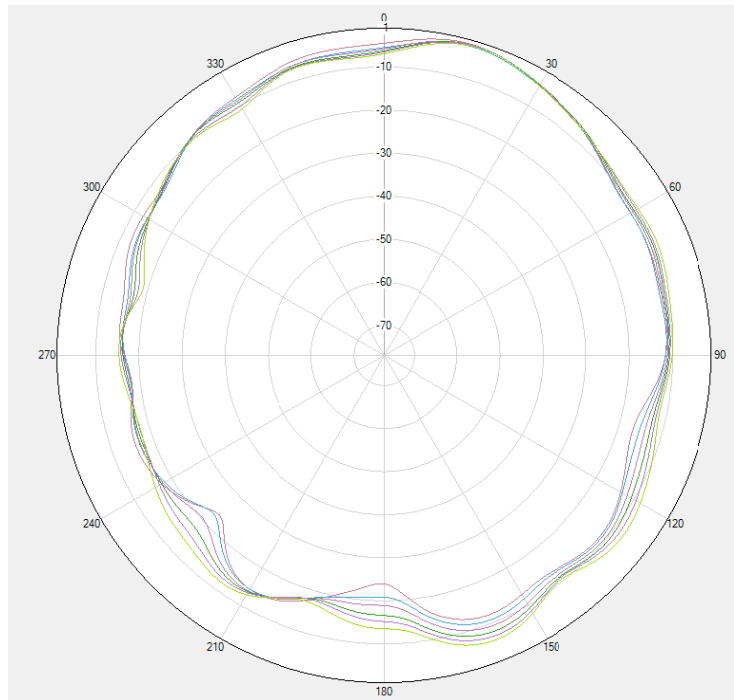
GSM850 / WCDMA B5 / LTE B5/B20/B26 $\Phi=90\text{deg}$



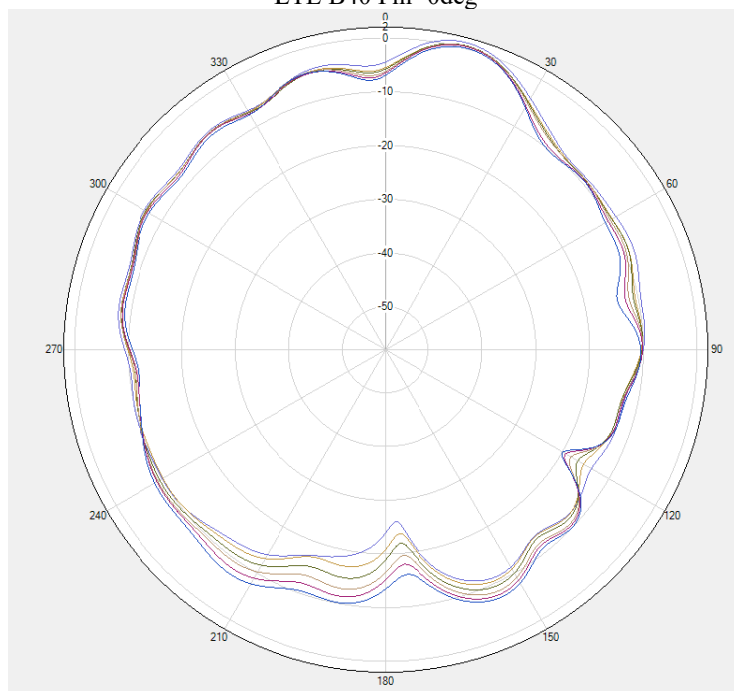
GSM850 / WCDMA B5 / LTE B5/B20/B26 $\Theta=90\text{deg}$

※ Antenna Gain

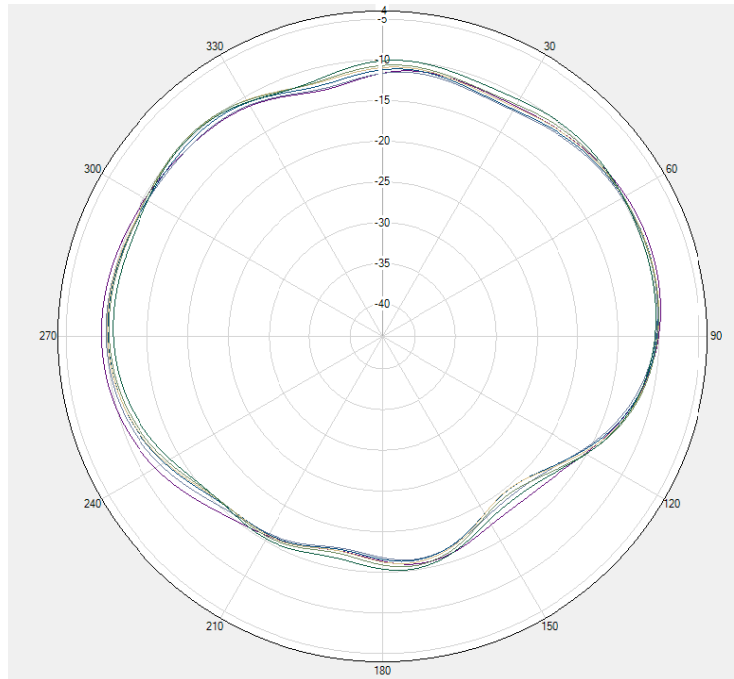
Main Antenna



LTE B40 $\Phi=0^\circ$

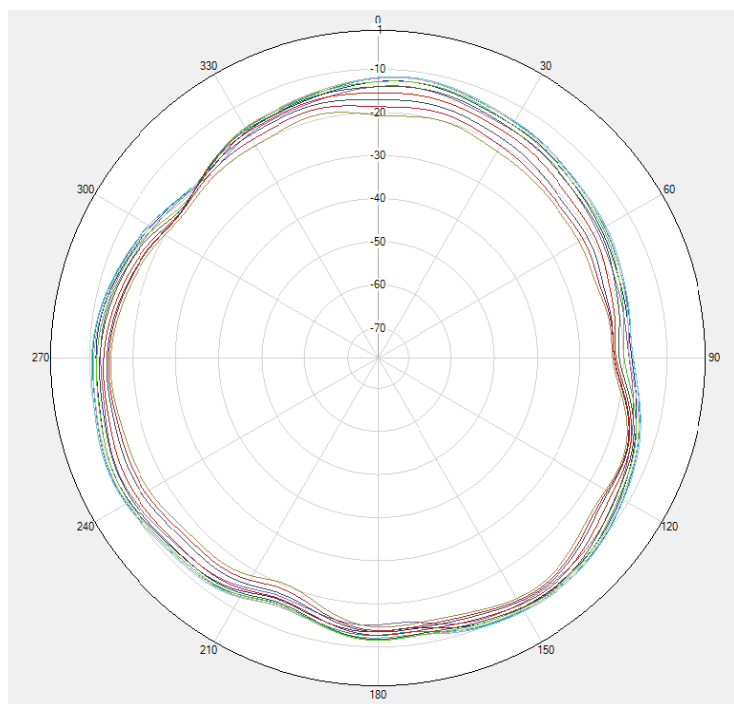


LTE B40 $\Phi=90^\circ$

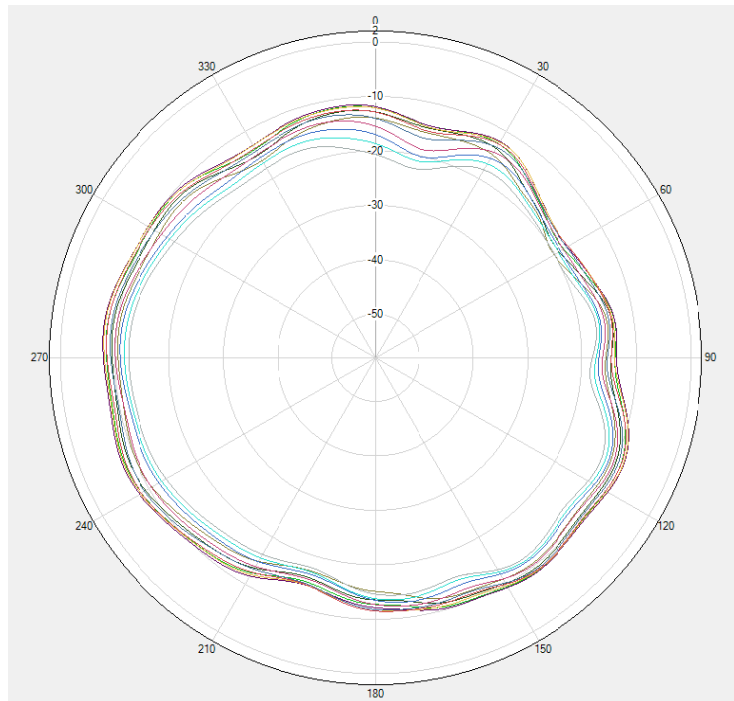


LTE B40 Theta=90deg

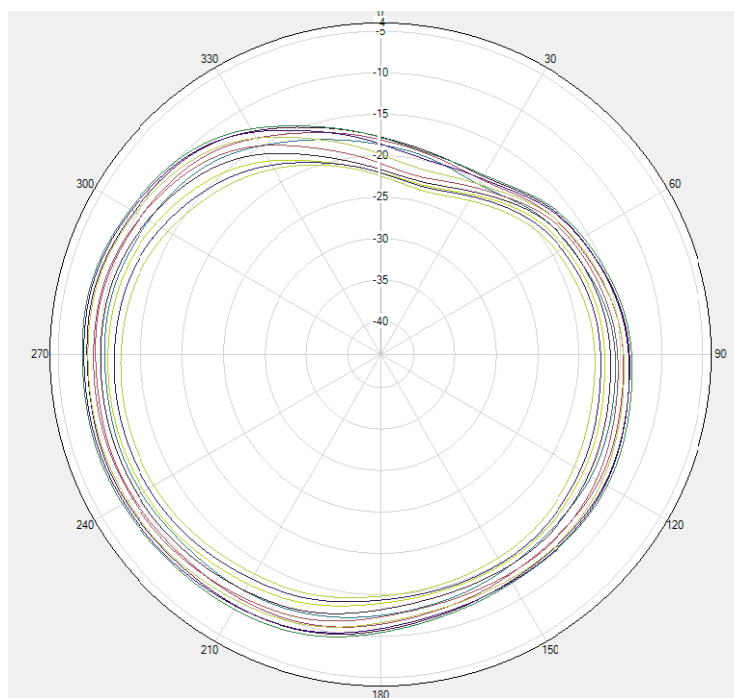
※ Antenna Gain
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg

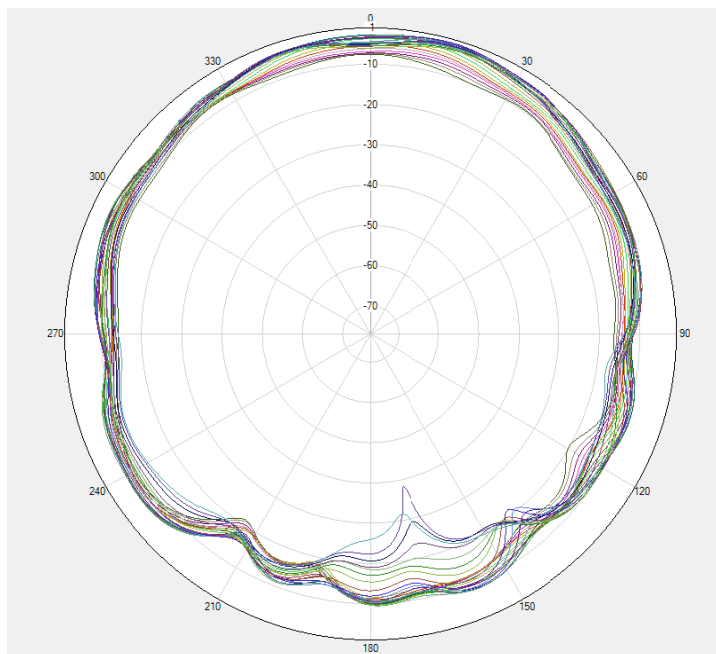


GSM900 / WCDMA B8 / LTE B8 $\Phi=90^\circ$

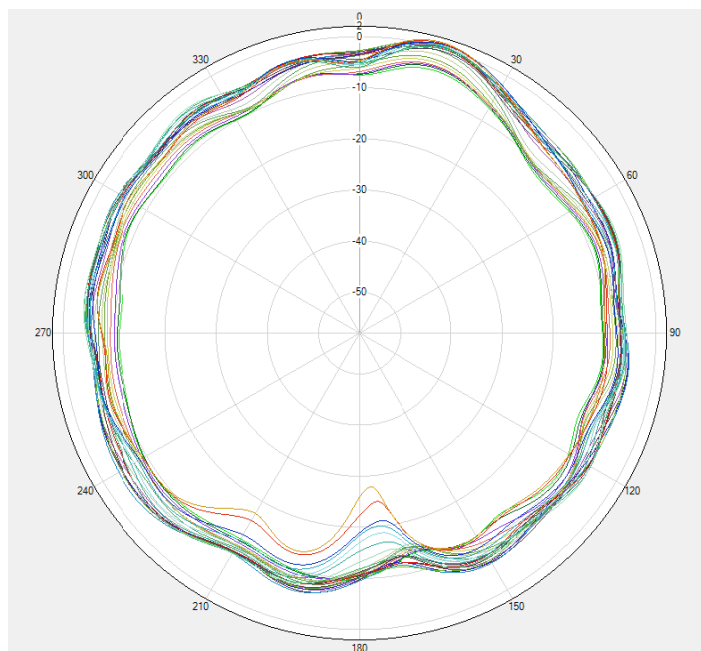


GSM900 / WCDMA B8 / LTE B8 $\Theta=90^\circ$

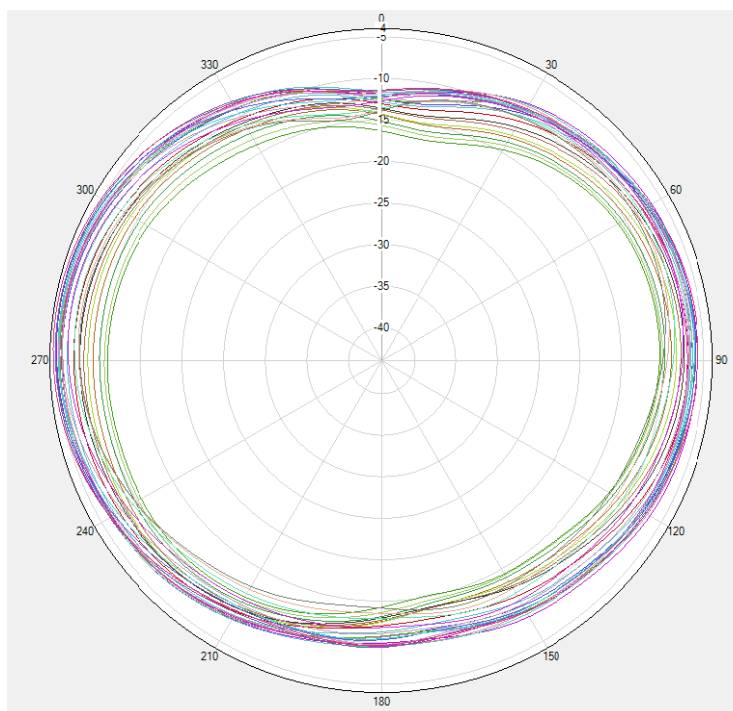
※ Antenna Gain
Main Antenna



DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4/B66 $\Phi=0^\circ$

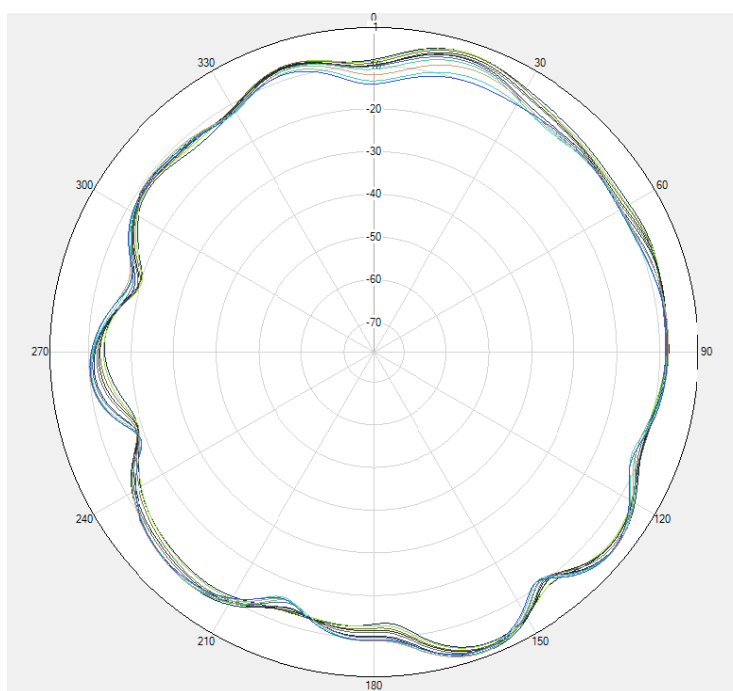


DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4/B66 $\Phi=90^\circ$

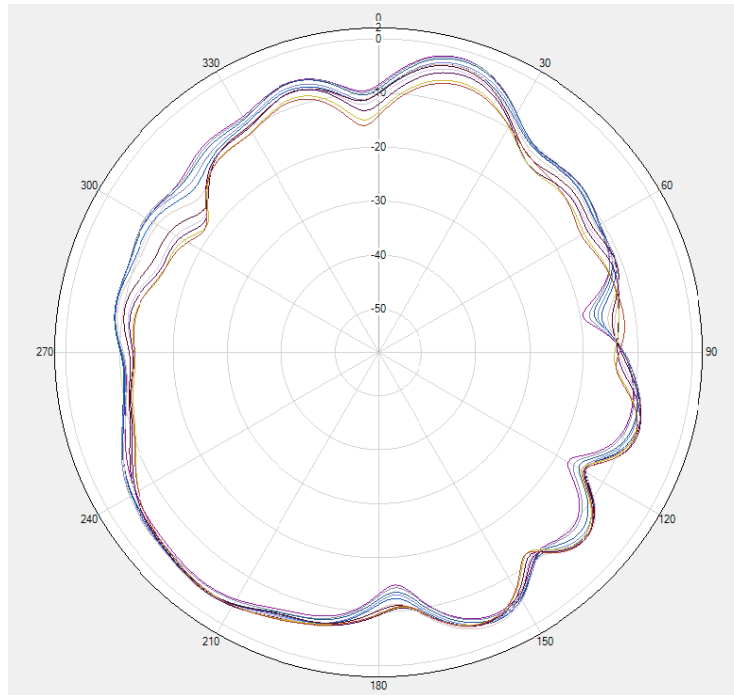


DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4/B66Theta=90deg

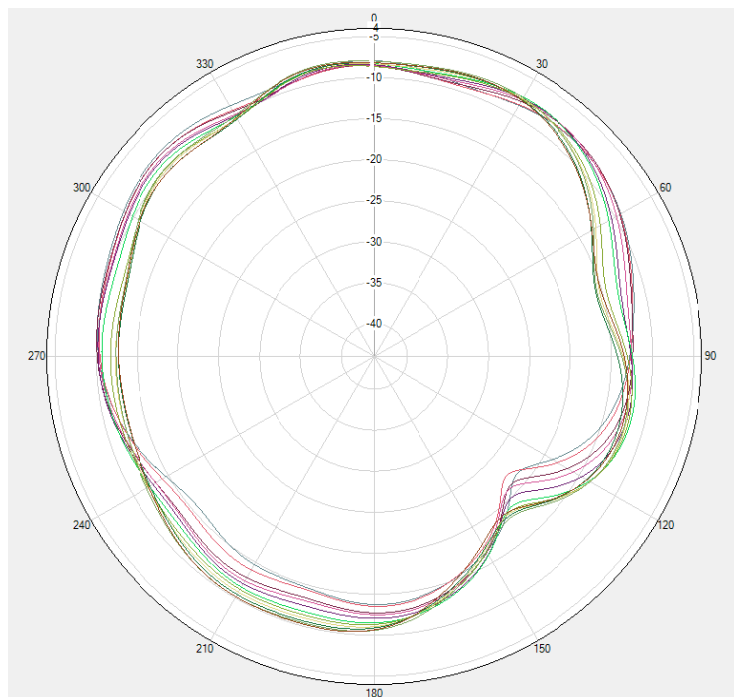
※ Antenna Gain
Main Antenna



LTE B7/B38/41 Phi=0deg

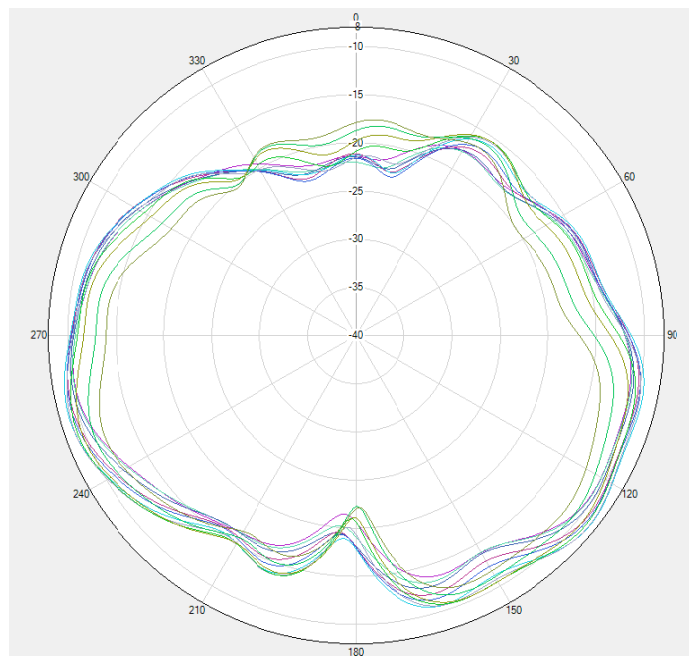


LTE B7/B38/41 $\Phi=90\text{deg}$

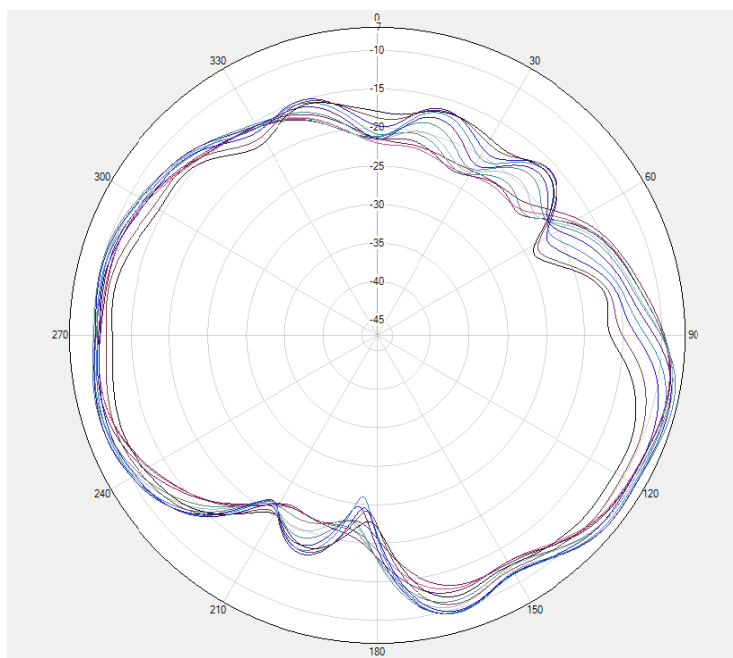


LTE B7/B38/41 $\Theta=90\text{deg}$

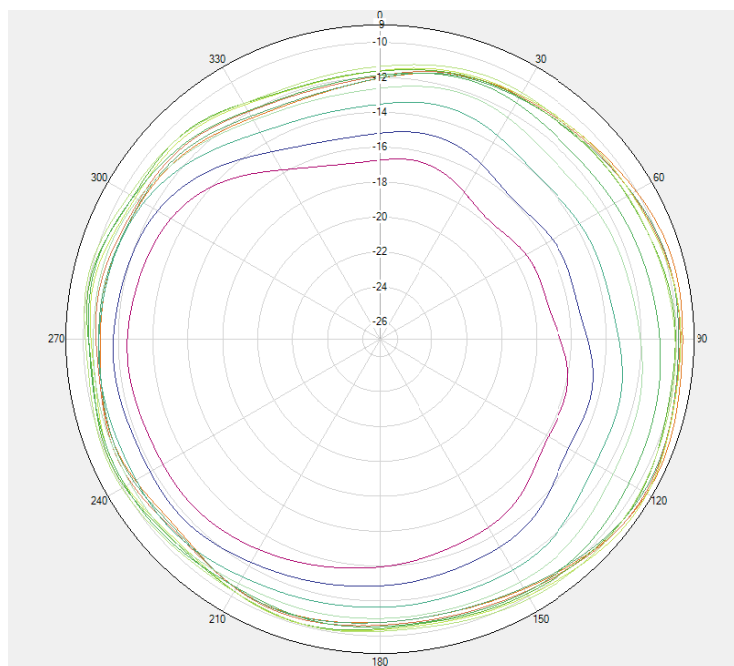
※ Antenna Gain
Main Antenna



LTE B12/B17/ B28 Phi=0deg



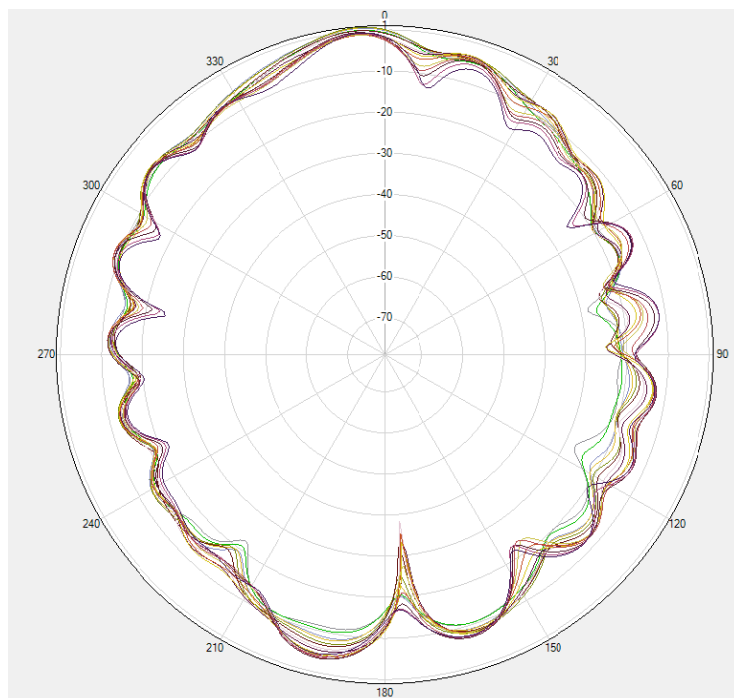
LTE B12/B17/B28 Phi=90deg



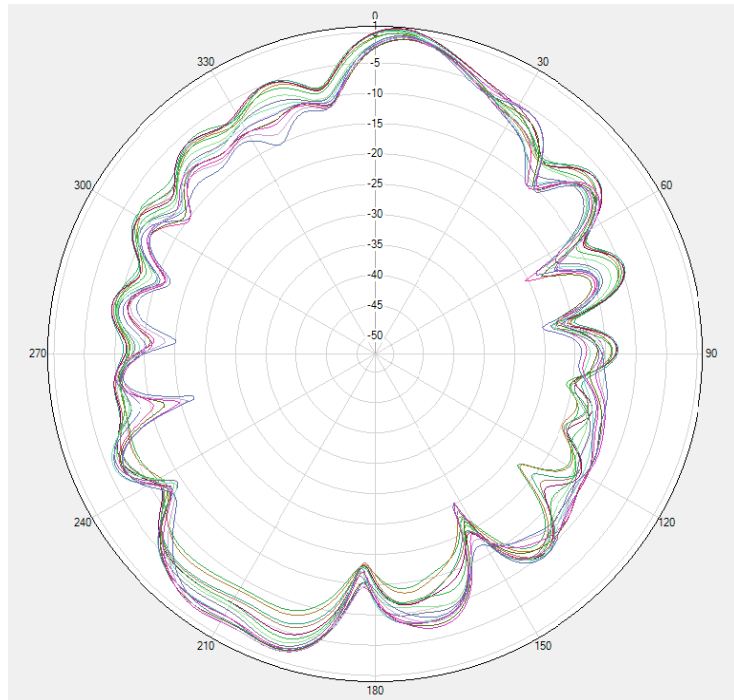
LTE B12/B7/B28 Theta=90deg

※ Antenna Gain

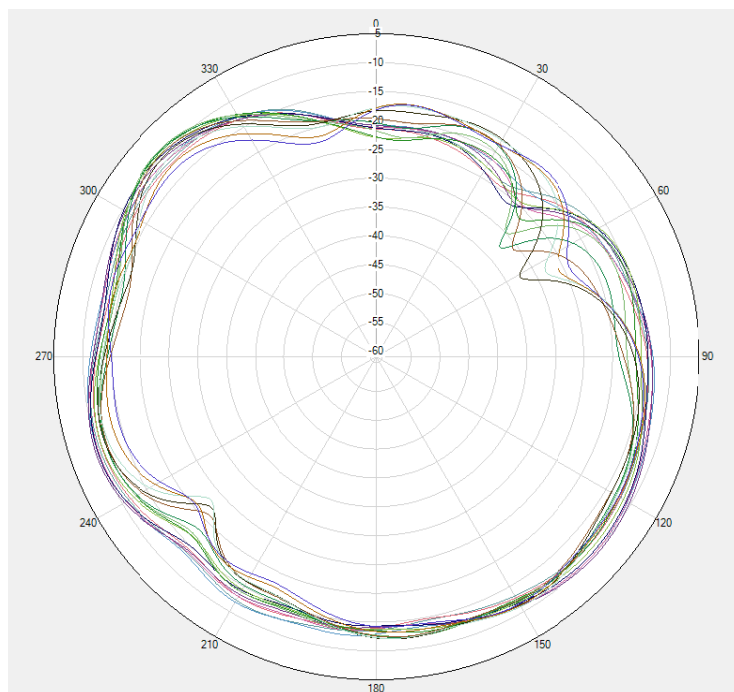
ANT4



5G WIFI Phi=0deg

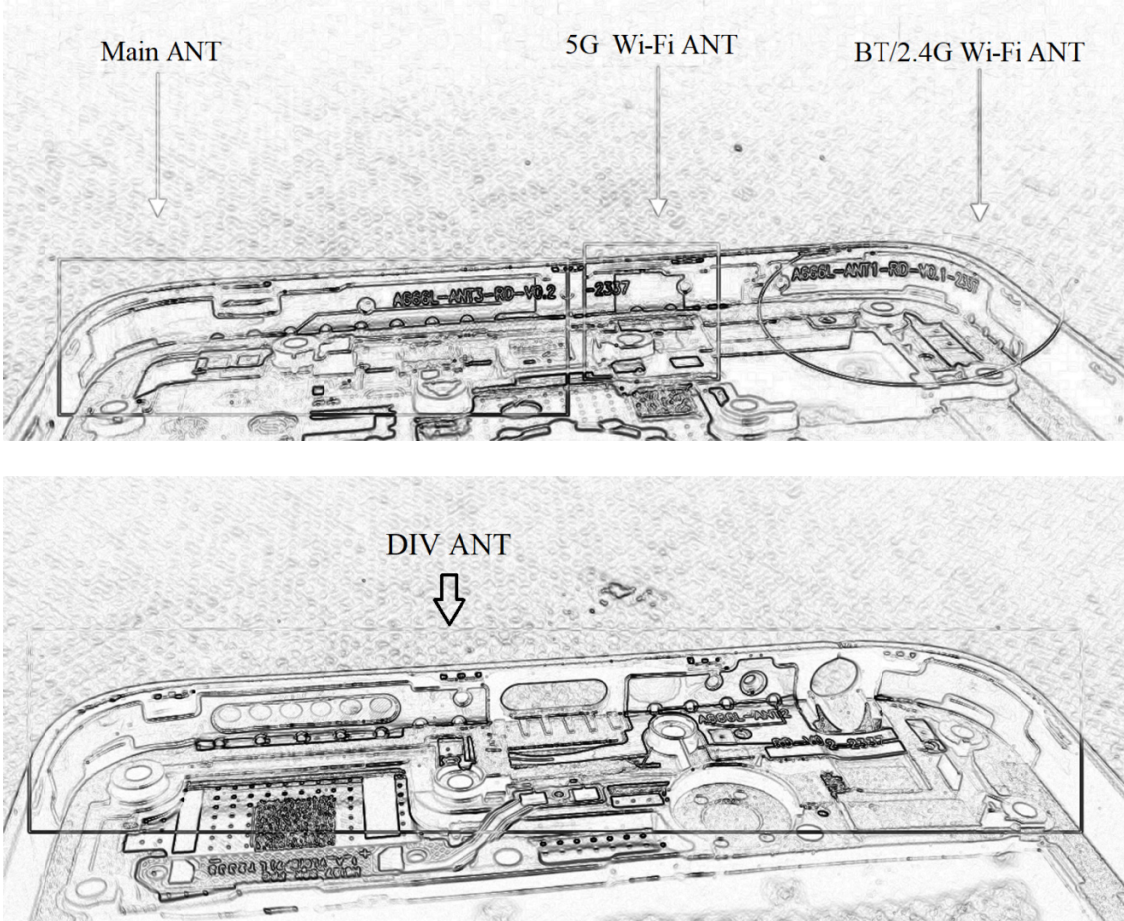


5G WIFI $\Phi=90\text{deg}$



5G WIFI $\Theta=90\text{deg}$

Antenna Photo



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Yuehua.sun		DATE:	2023/09/13