



Feature

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

Main Antenna

Application

※GSM850/900/DCS/PCS/WCDMAB1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41/B66communication
applications

项目	Name and address of the antenna manufacturer	Model number of the antenna
KI5q	Name: Etheta Communication Technology (Shenzhen) CO.,Ltd ADD: No.401, Building 6, Zhangfeng Road, Oriental Community, Songgang Street, Bao'an District, Shenzhen	DIV antenna: KI5P-ANT2 WCN antenna: KI5P-ANT1 Main antenna: KI5P-ANT3 NFC ANT:KI5N-NFC-TA-WTT-2247

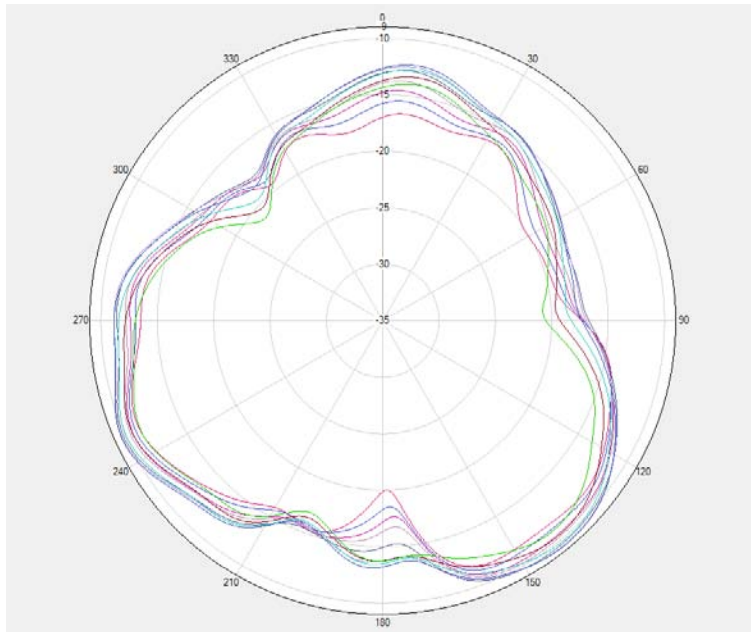


TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 - 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 - 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66: 1710 - 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1: 1920 - 1980MHz
	LTE B7:2496-2565MHz
	LTE B40:2300-2400MHz
	LTE B38/B41:2565-2645MHz
	LTE B20:832-862MHz
	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 B40:2300-2400MHz
	LTE B38/41:2565-2645MHz
	LTE B20:791-821MHz
LTE B12/B17/B28:758-803MHz	
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE B5: -1.5 dBi
	GSM 900/WCDMA B8/LTE B8: -1.3 dBi
	DCS/WCDMA B4/ LTE B3/B4/B66: -0.7 dBi
	PCS/WCDMA B2/LTE B2: -0.5 dBi
	WCDMA B1/LTE B1: -0.5 dBi
	LTE B7/B38/B41: -0.4 dBi
	LTE B40: 0.2 dBi
	LTE B20:-1.5 dBi

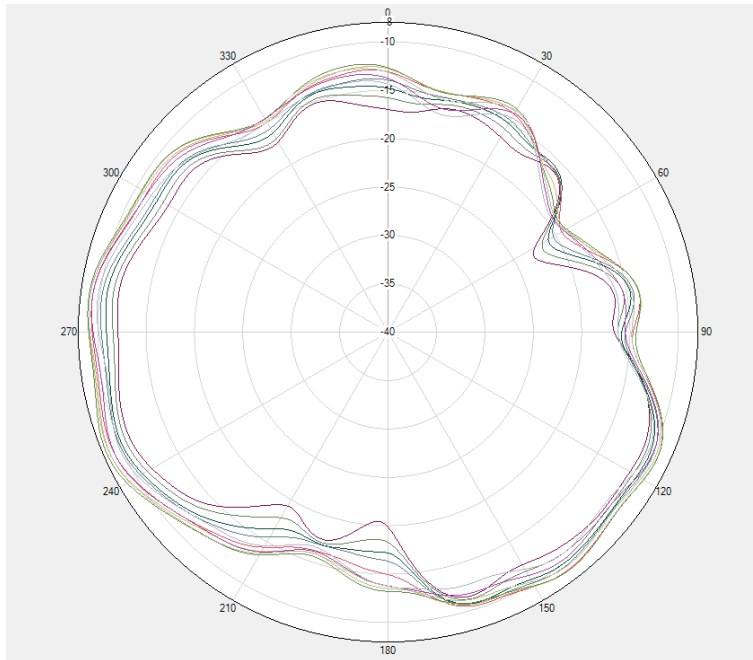


	LTE B12/B17/B28:-1.9dBi
3in1 Antenna Gain (Peak Gain)	GPS : 0.65 dBi
	BT/WIFI 2.4G: 1.2dBi 5G: -0.9 dBi
Type of Modulation	

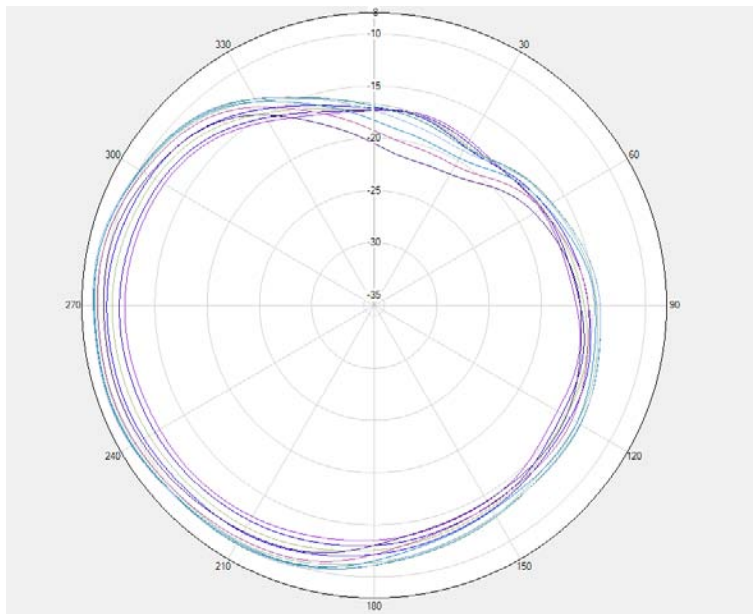
※ Antenna Gain
Main Antenna



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



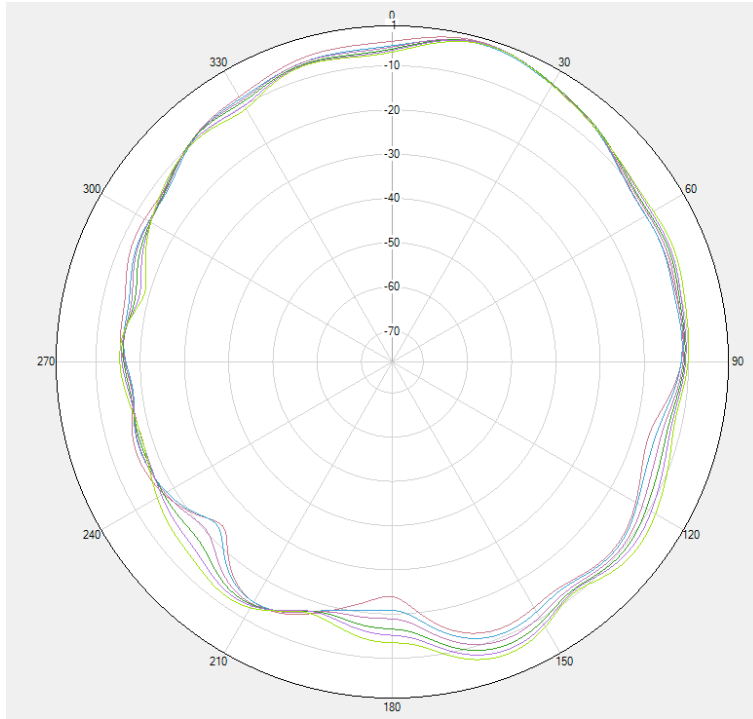
GSM850 / WCDMA B5 / LTE B5/B20 Phi=90deg



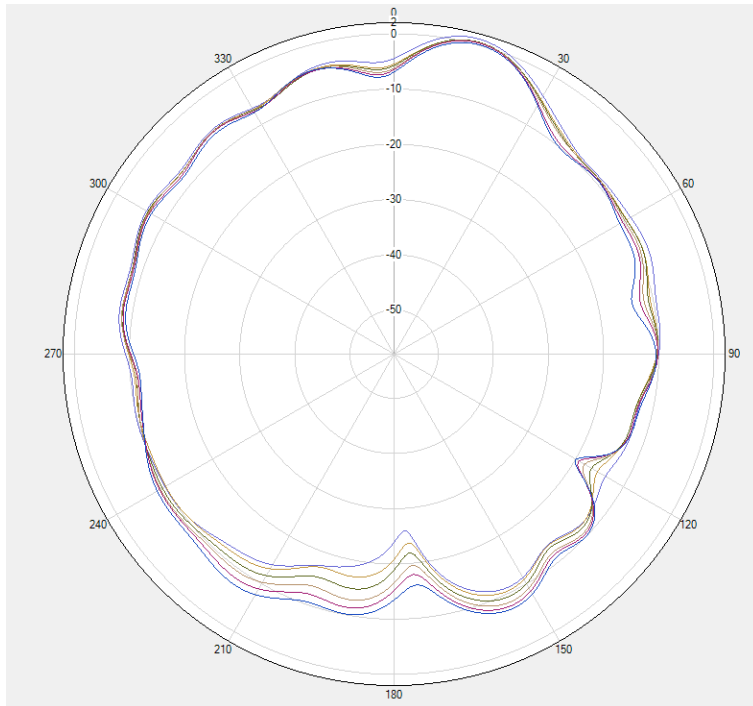
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

※ Antenna Gain

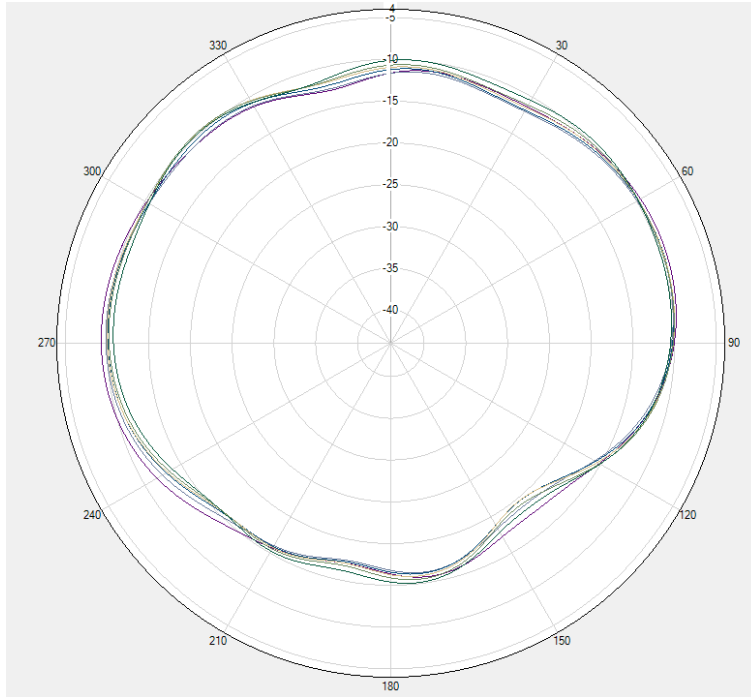
Main Antenna



LTE B40 $\Phi = 0^\circ$



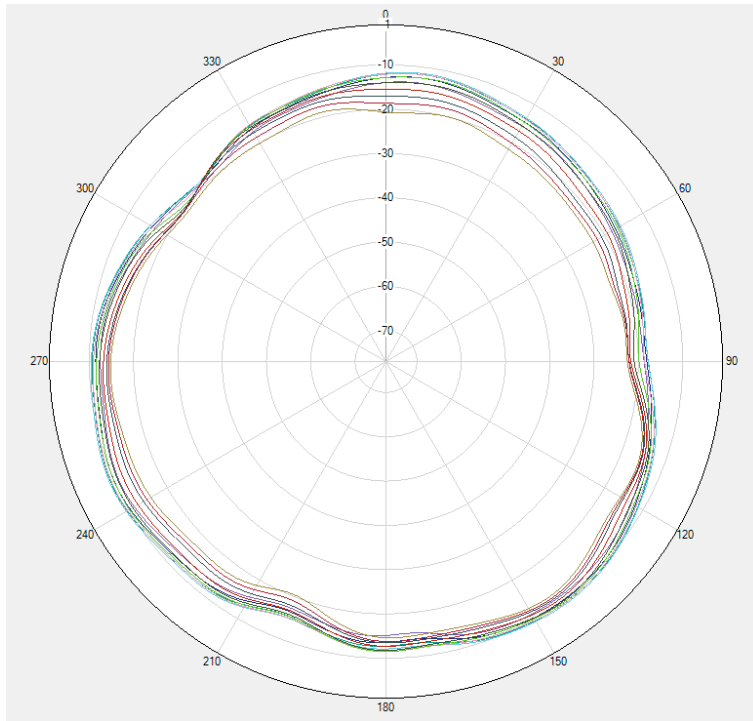
LTE B40 Phi=90deg



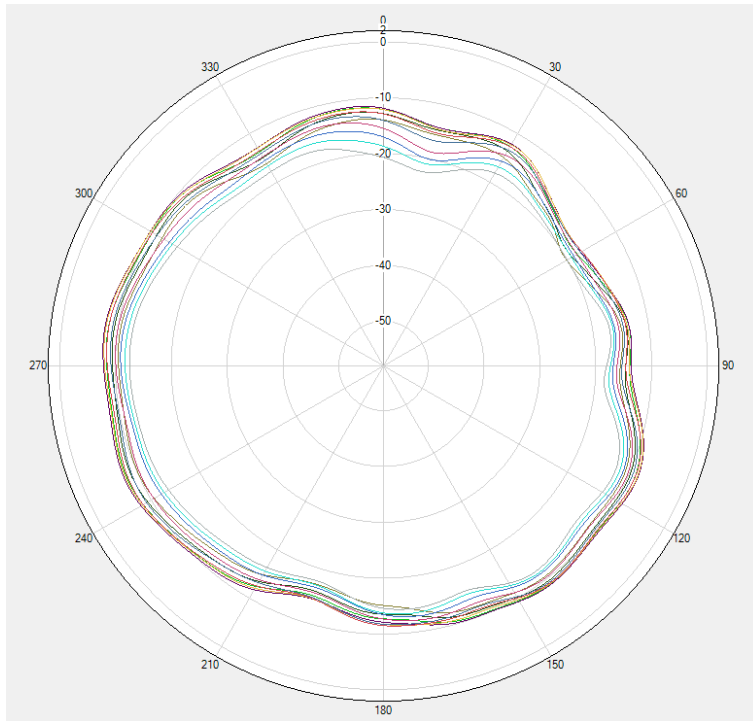
LTE B40 Theta=90deg

※ Antenna Gain

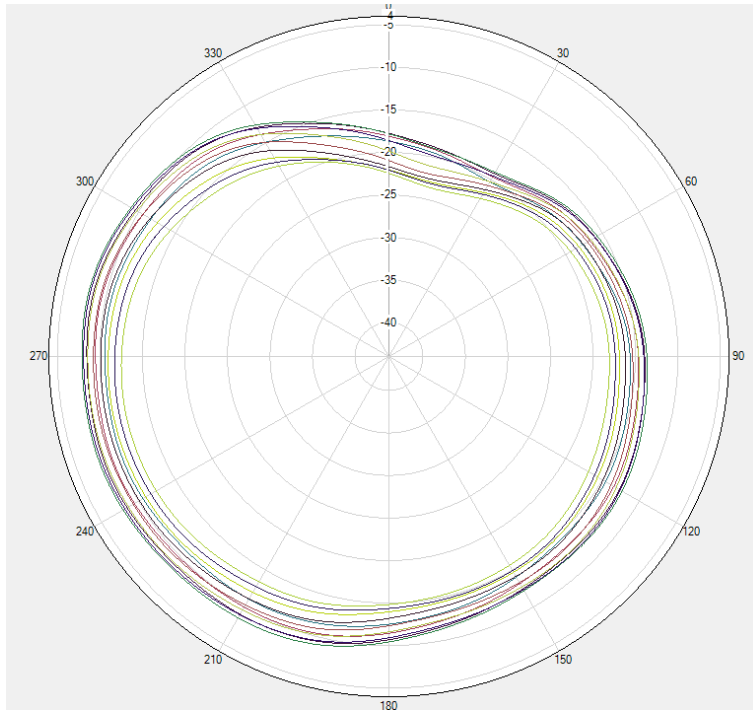
Main Antenna



GSM900 / WCDMA B8 / LTE B8 $\Phi=0^\circ$



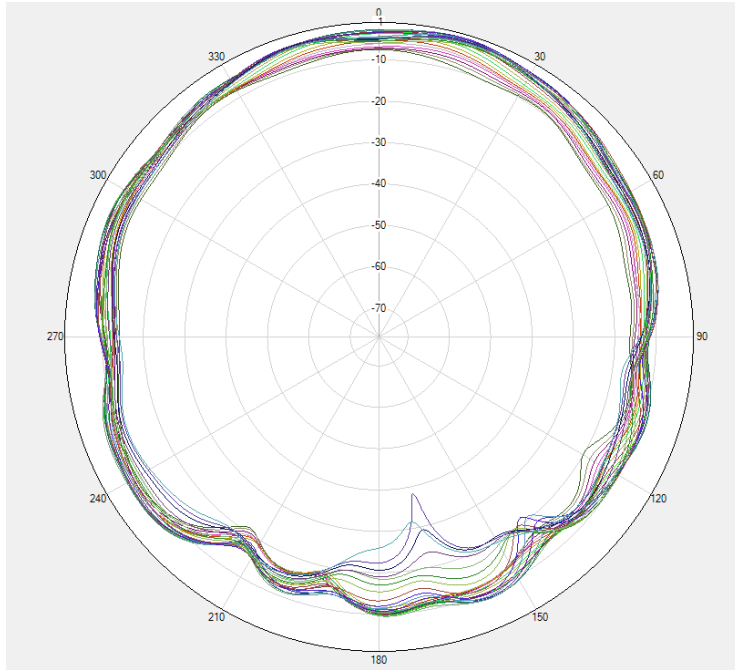
GSM900 / WCDMA B8 / LTE B8 $\Phi=90^\circ$



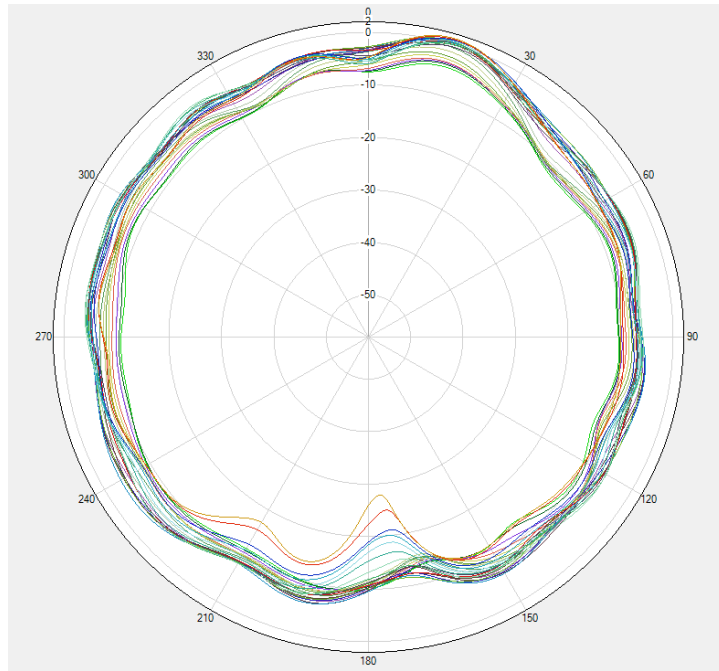
GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

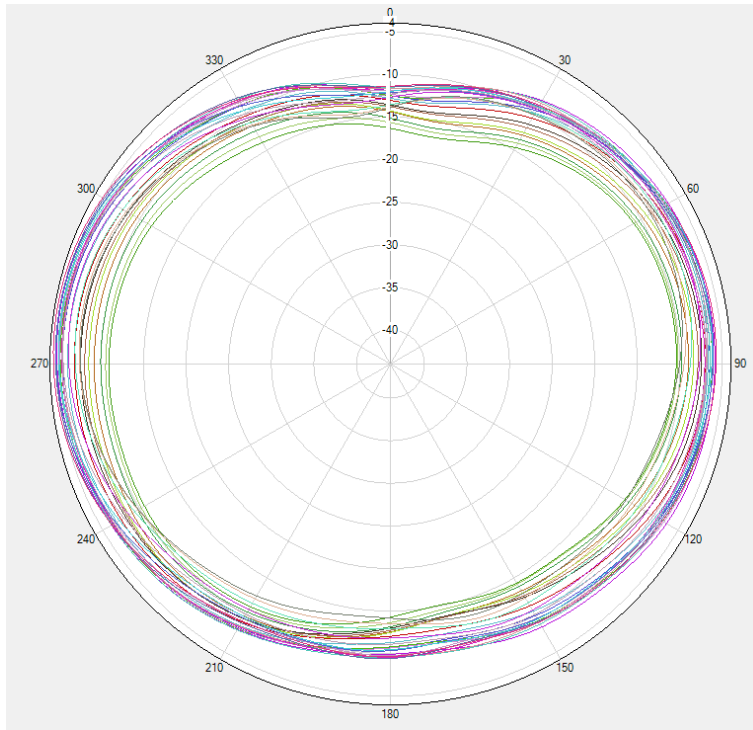
Main Antenna



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



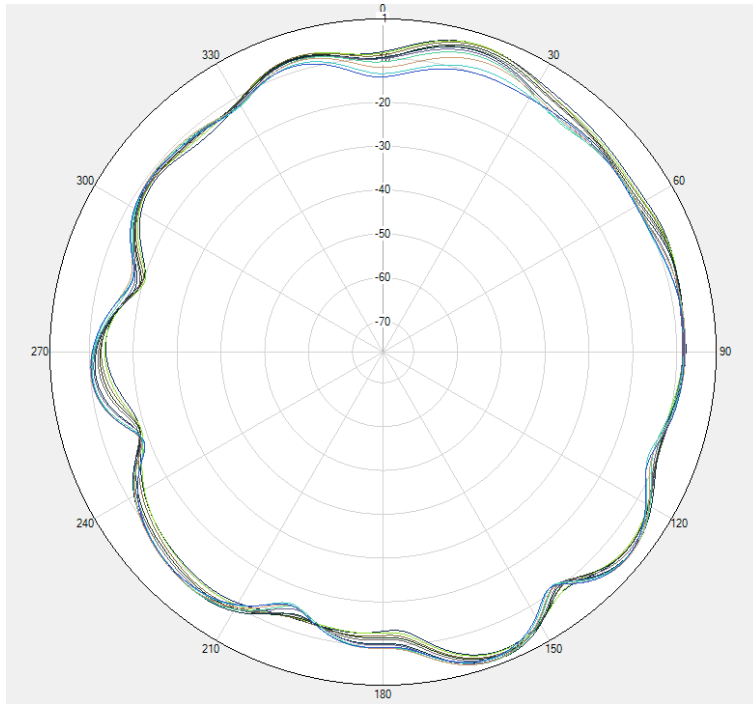
DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4/B66 $\Phi=90^\circ$



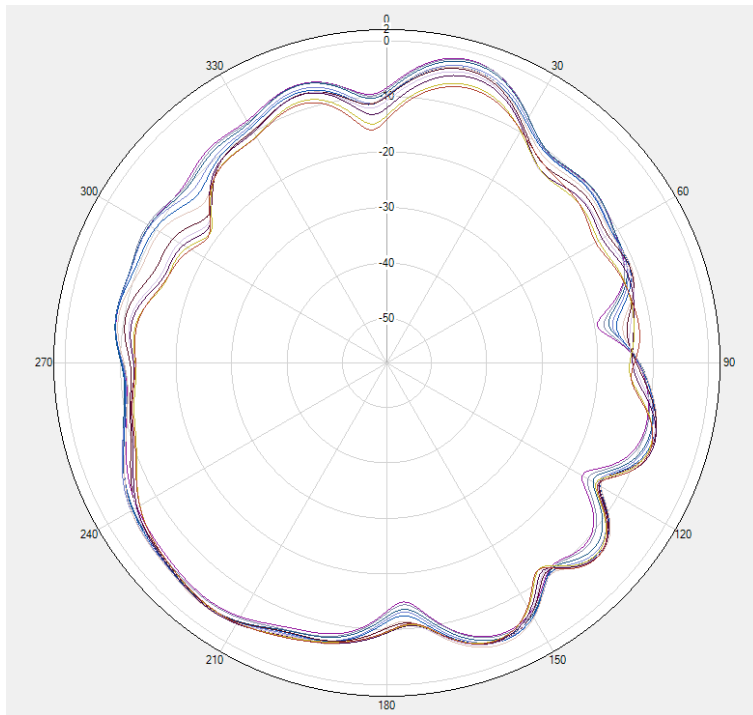
DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4/B66Theta=90deg

※ Antenna Gain

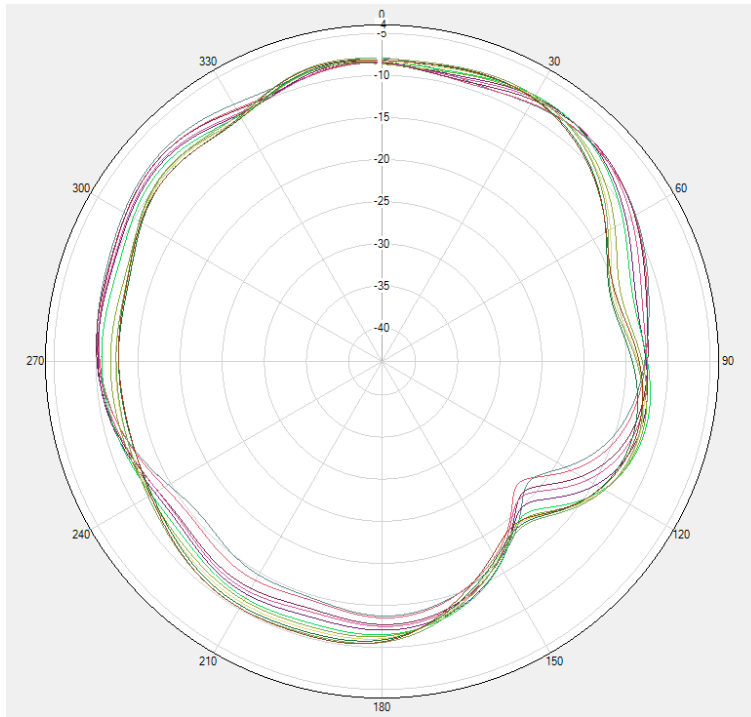
Main Antenna



LTE B7/B38/41 $\Phi=0^\circ$



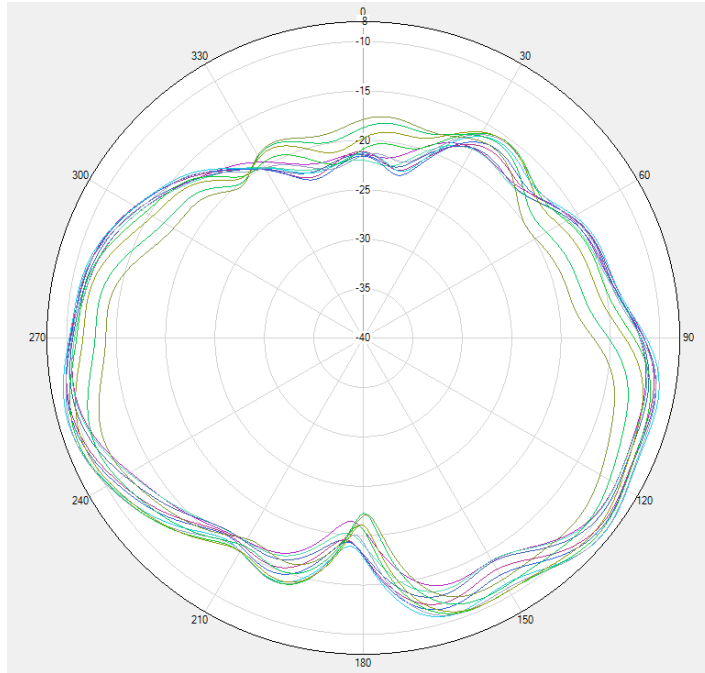
LTE B7/B38/41 $\Phi=90^\circ$



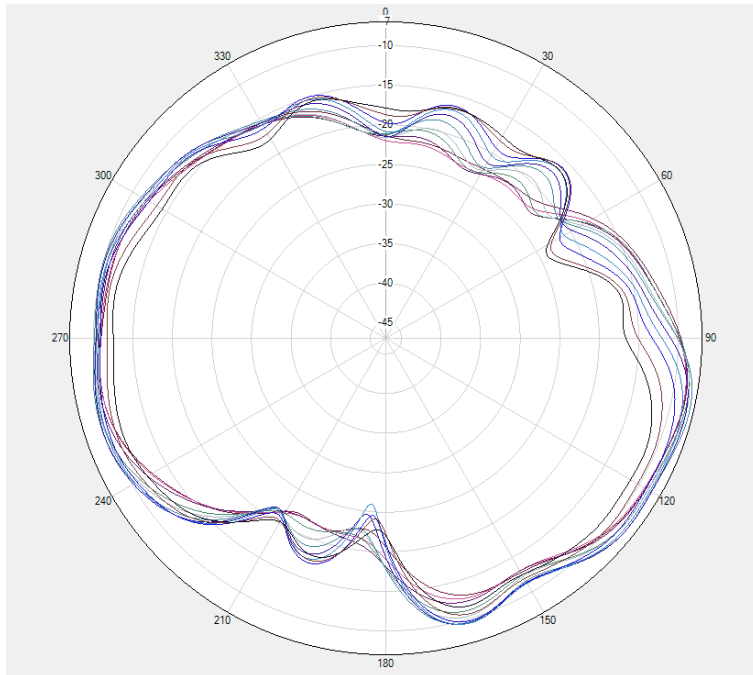
LTE B7/B38/41 Theta=90deg

※ Antenna Gain

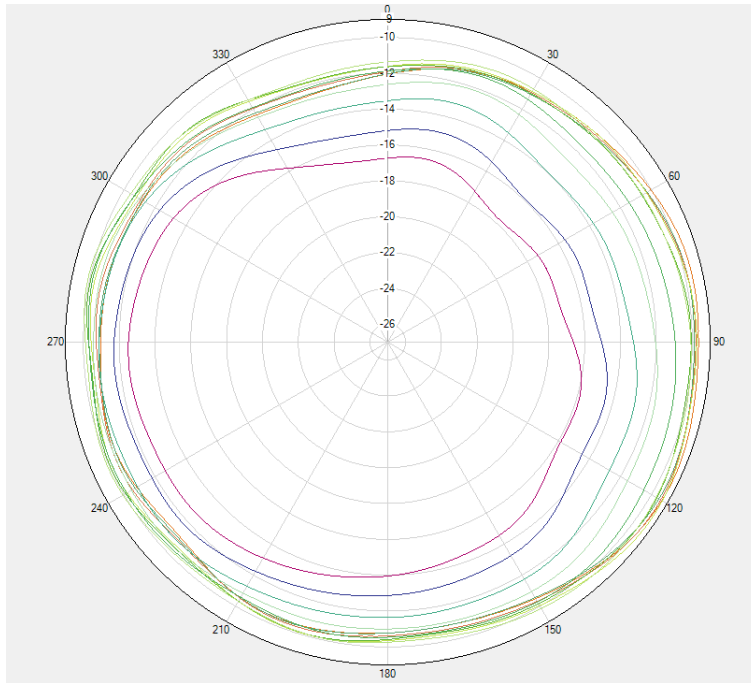
Main Antenna



LTE B12/B17/ B28 $\Phi=0^\circ$



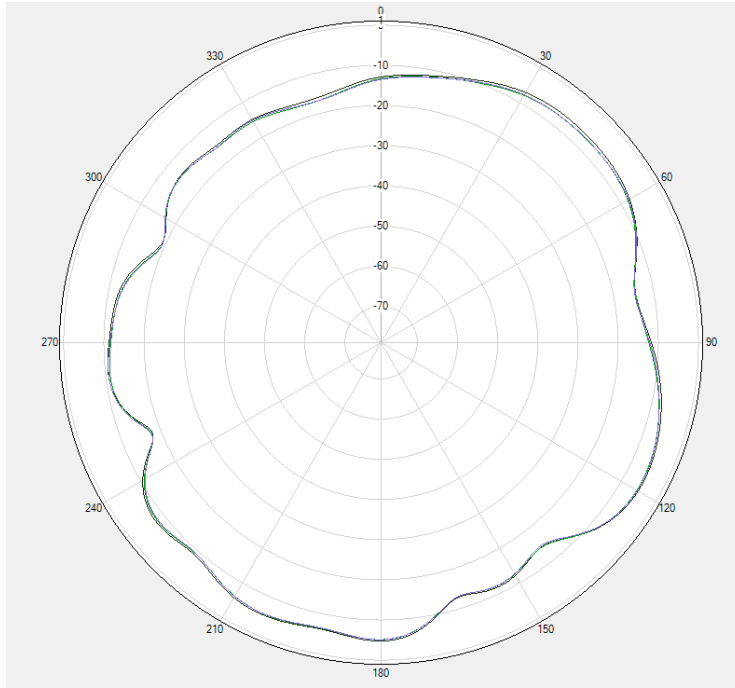
LTE B12/B17/B28 $\Phi=90^\circ$



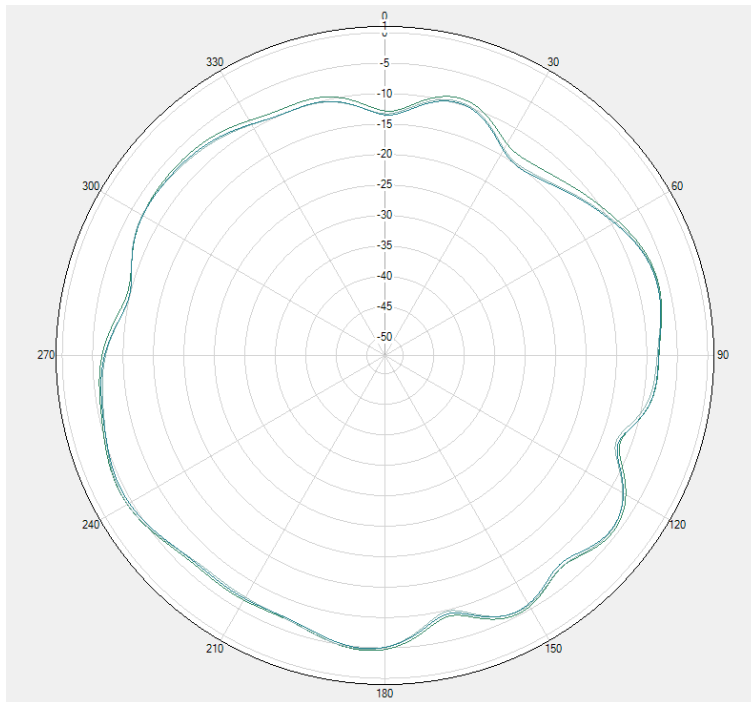
LTE B12/B7/B28 Theta=90deg

※ Antenna Gain

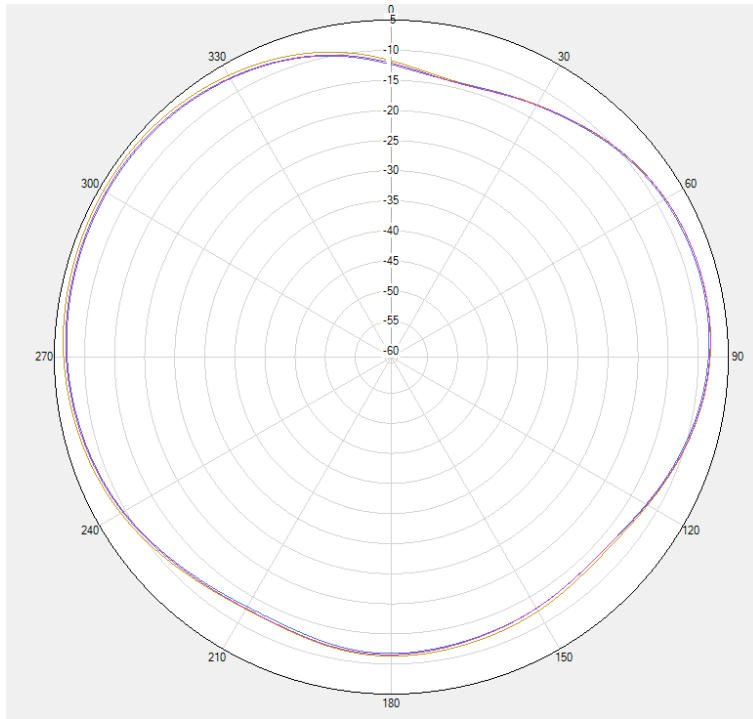
3in1 Antenna



GPS Phi=0deg



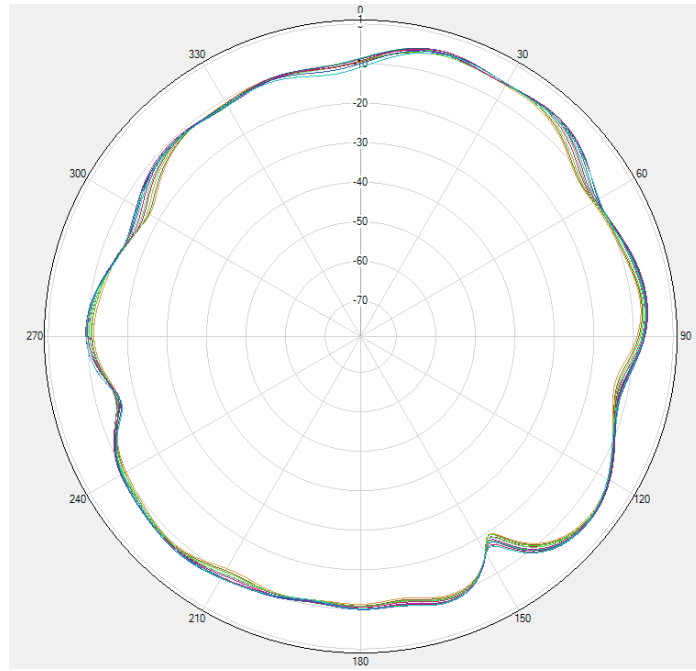
GPS Phi=90deg



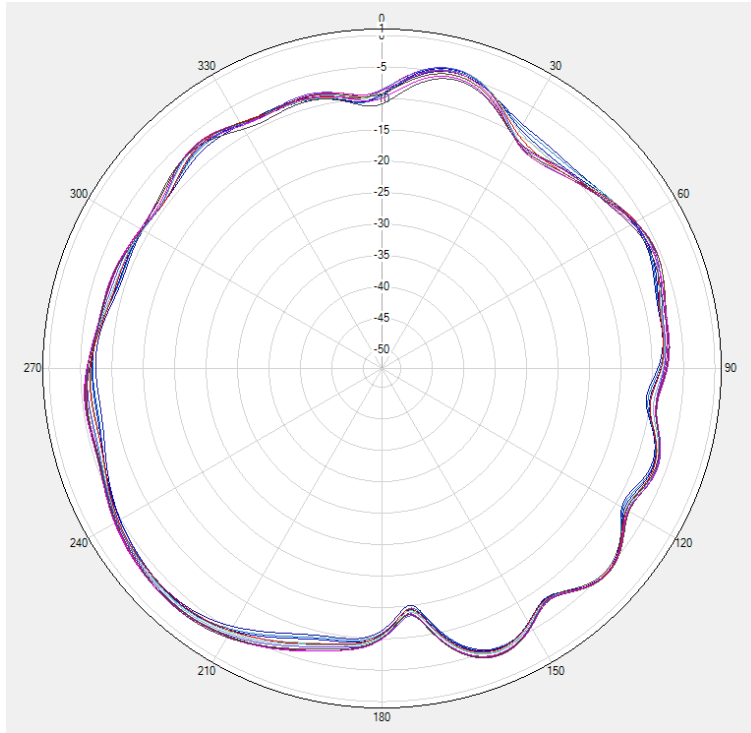
GPS Theta=90deg

※ Antenna Gain

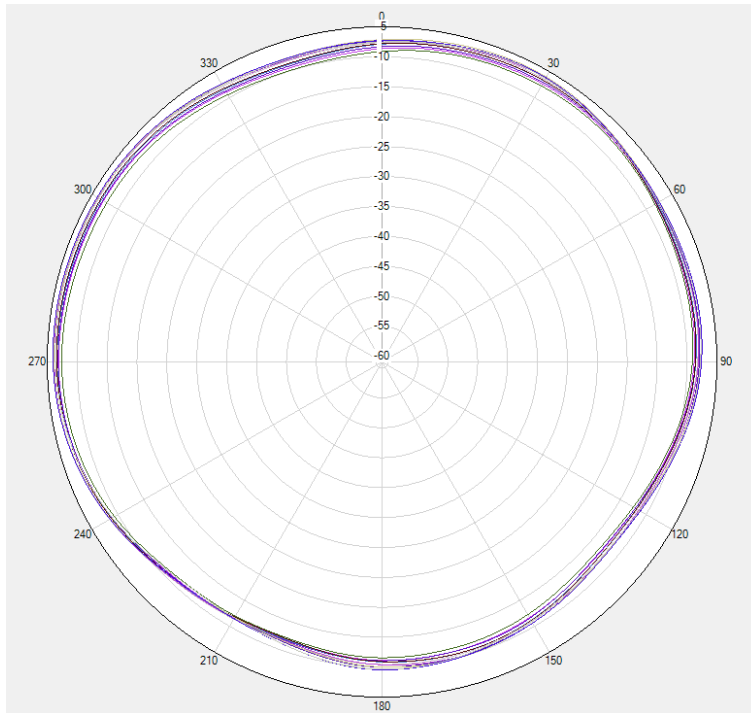
2.4G WIFI&BT Antenna



2.4G WIFI&BT Phi=0deg

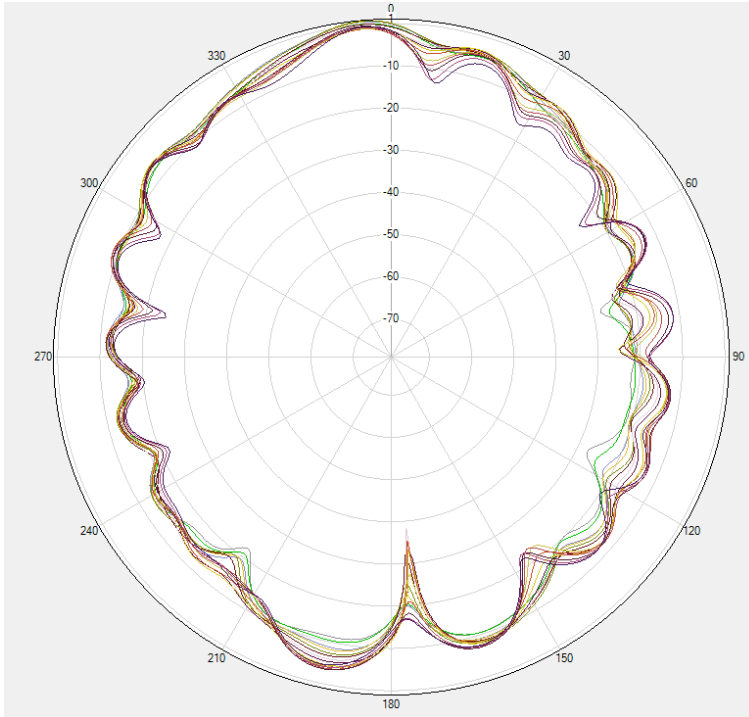


2.4G WIFI&BT Phi=90deg

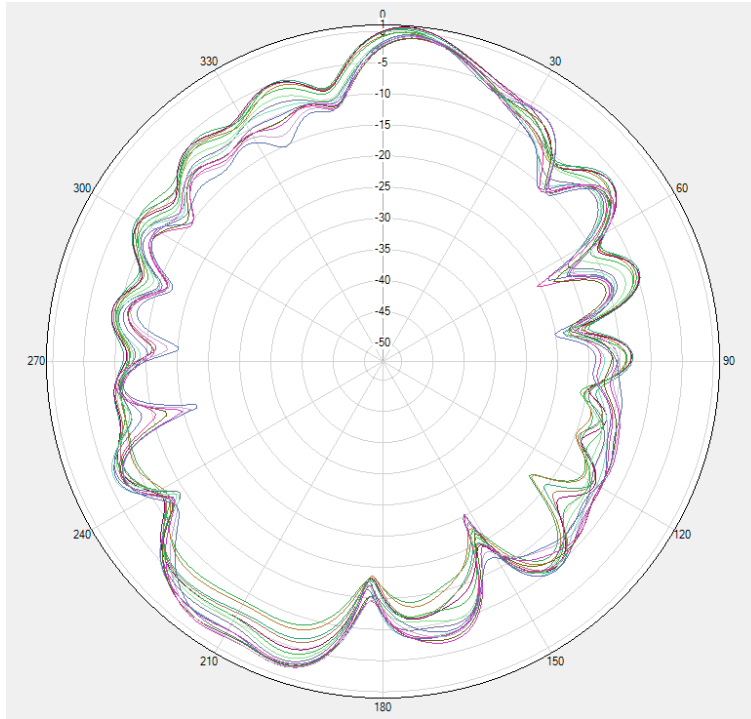


2.4G WIFI&BT Theta=90deg

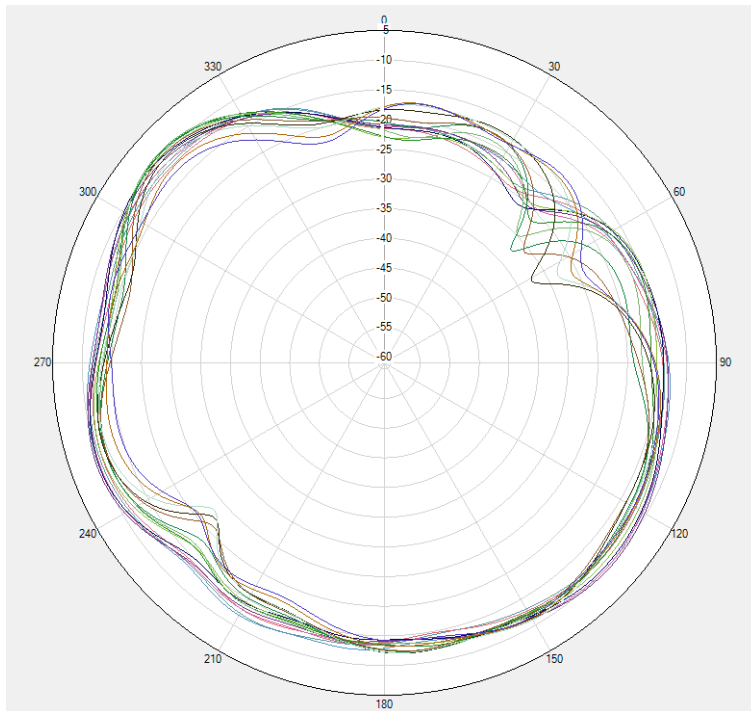
※ Antenna Gain
5G WIFI Antenna



5G WIFI $\Phi = 0^\circ$



5G WIFI $\Phi=90^\circ$

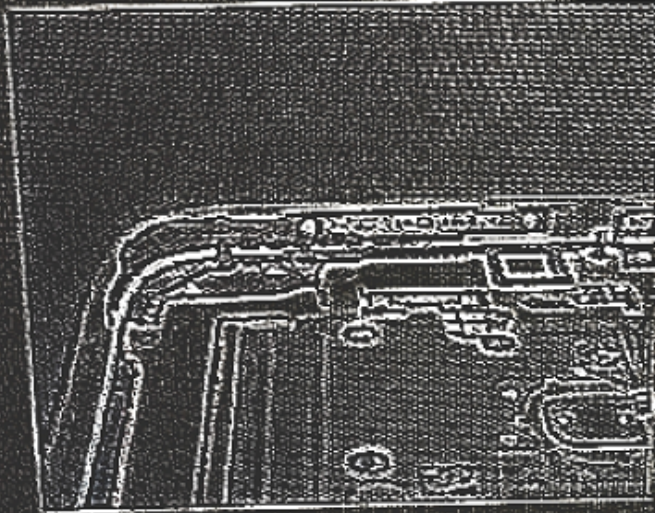


5G WIFI $\Theta=90^\circ$

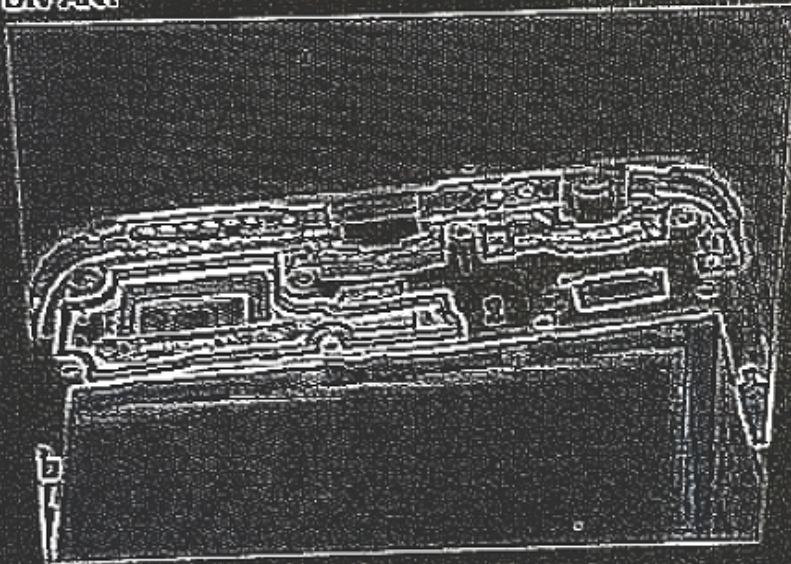


PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Yuehua.sun		DATE:	2021/1/18

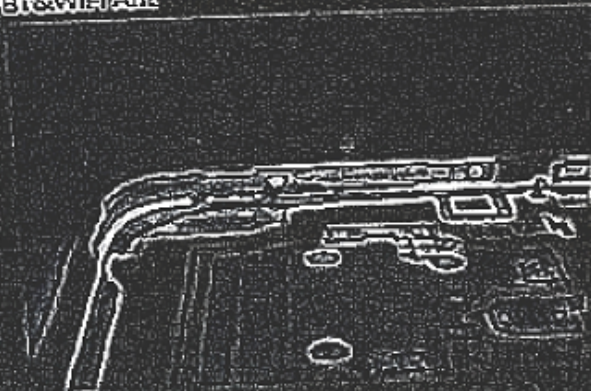
Main Ant Position



DIVANT



BT&WE Ant



NFC ANT

