



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/B13/B17/B28/B38/B41/B66
communication applications

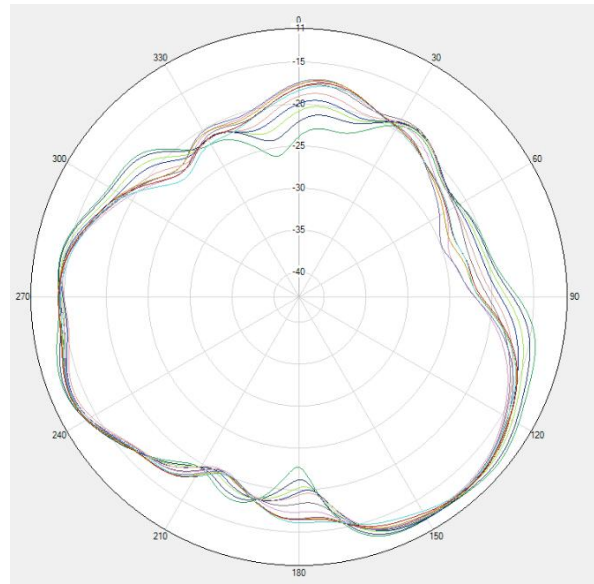
别漏掉下表面的表格

Name and address of the antenna manufacturer	Model number of the antenna
Name:Etheta Communication Technology(ShenZhen)co,Ltd Address:603-604, Floor 6, No. 107, Xiantao Datagu Middle Road, Yubei District, Chongqing	WCN antenna: BF7s-ANT1-V1.0 DIV antenna: BF7s-ANT2-V1.0 Main antenna: BF7s-ANT3-V1.0

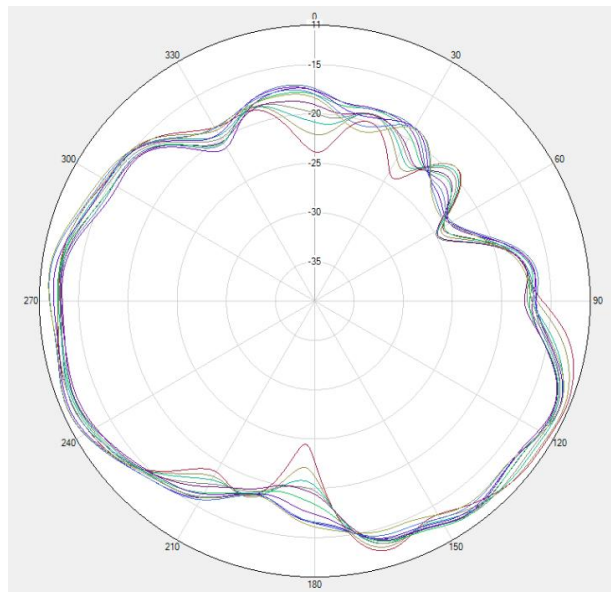
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 - 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 - 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66: 1710 - 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1: 1920 - 1980MHz
	LTE B7:2496-2565MHz
	LTE B38/B41:2565-2645MHz
	LTE B12/B17/B13/B28:710-755MHz
Receiver 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
RF-Output Power (E.I.R.P)	LTE B12/B17/B13/B28:758-803MHz
	GSM850/900: 32+/-2dBm
	DCS/PCS: 30+/-2dBm
	LTE B1/B2/B3/ B4/B5 /B7/B8/B12/B13/B17/B28/B38/B41/B66: 23+/-2dBm
Main Antenna Gain (Peak Gain)	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
	GSM 850/WCDMA B5/LTE B5: -4.2
	GSM 900/WCDMA B8/LTE B8: -4.4
	DCS/WCDMA B4/ LTE B3/B4/B66: 1.7
	PCS/WCDMA B2/LTE B2: 1.6
	WCDMA B1/LTE B1: 1.7
	LTE B7/B38/B41: 0.4
3in1 Antenna Gain (Peak Gain)	LTE B12/B17/B13/B28:-5.4
	GPS:0. 2
Type of Modulation	WIFI 2.4G: 1.1 5G: 2.3

※ Antenna Gain

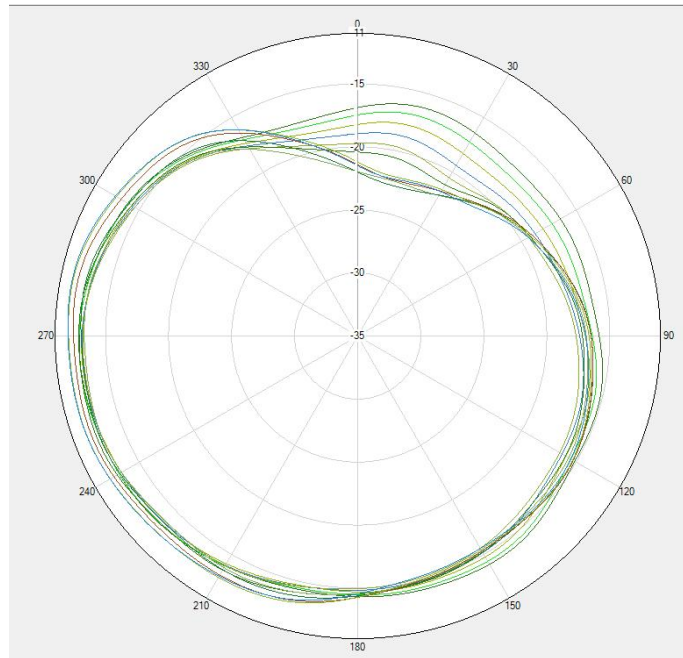
Main Antenna



GSM850 / WCDMA B5 / LTE B5 Phi=0deg



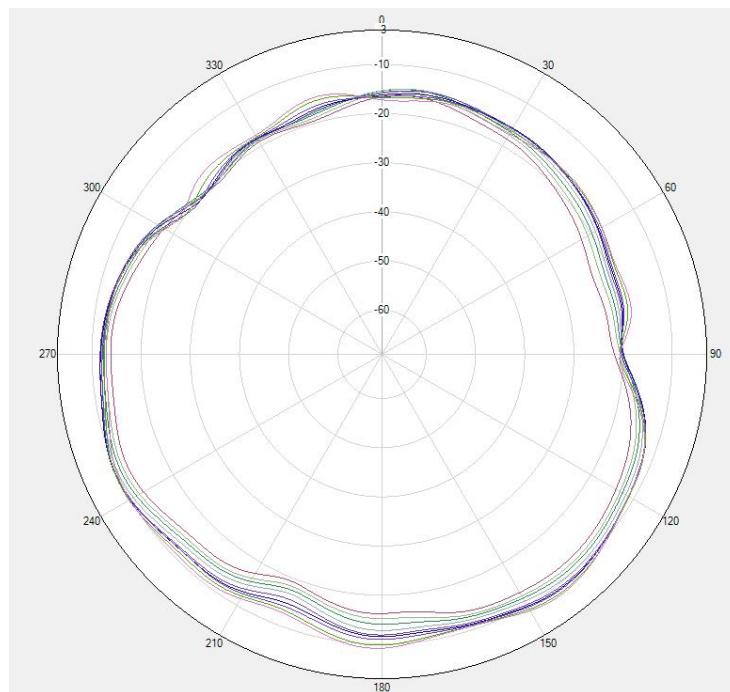
GSM850 / WCDMA B5 / LTE B5 Phi=90deg



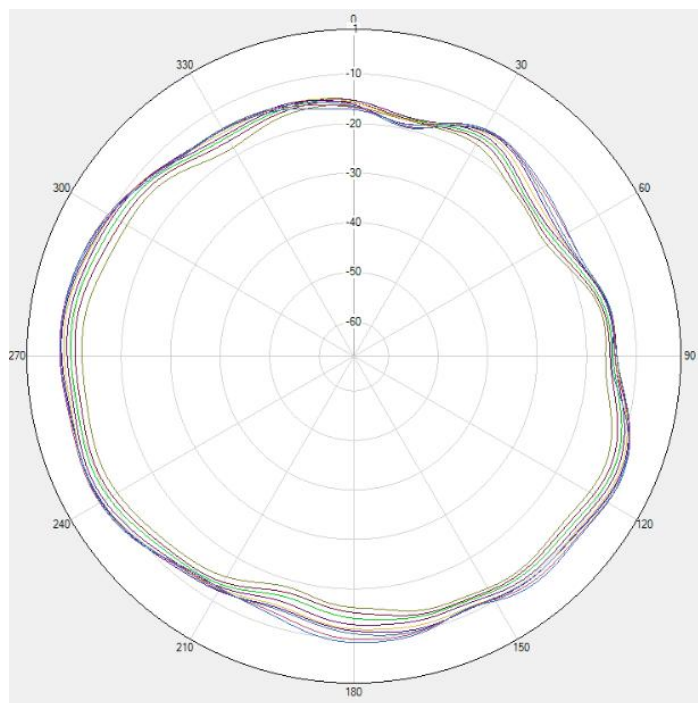
GSM850 / WCDMA B5 / LTE B5 Theta=90deg

※ Antenna Gain

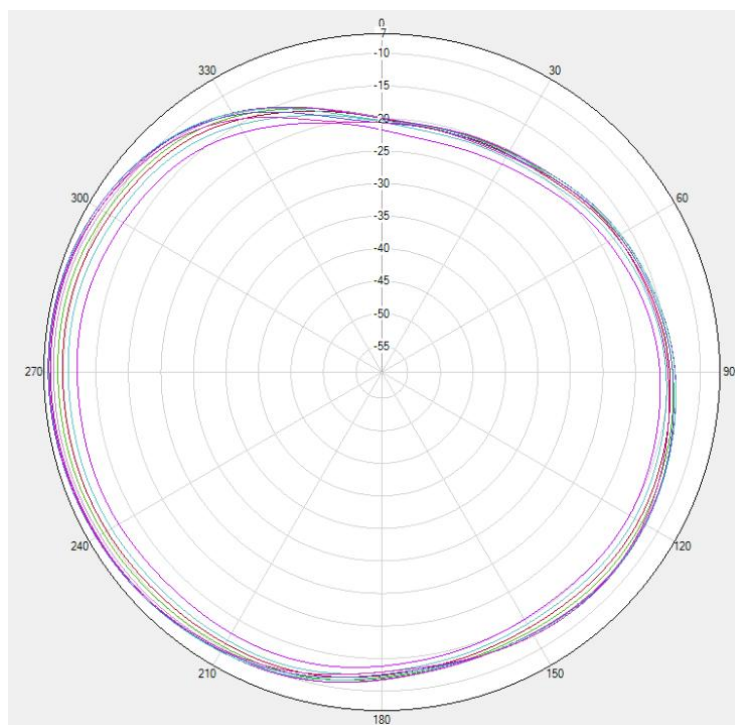
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



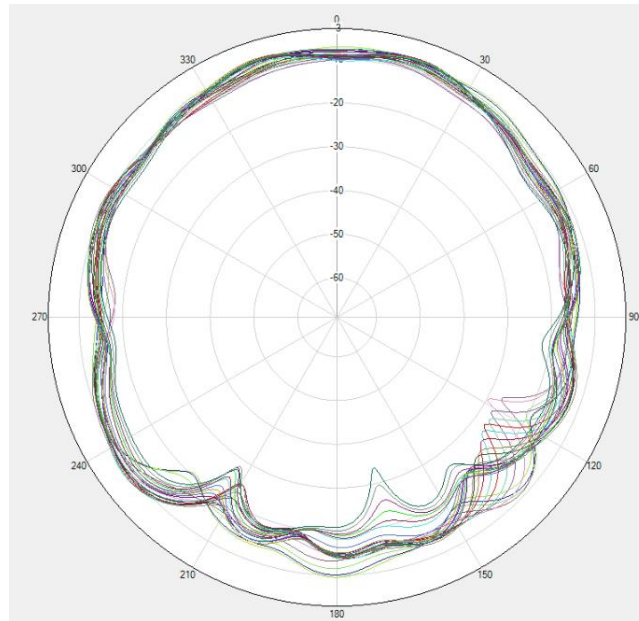
GSM900 / WCDMA B8 / LTE B8 $\Phi=90^\circ$



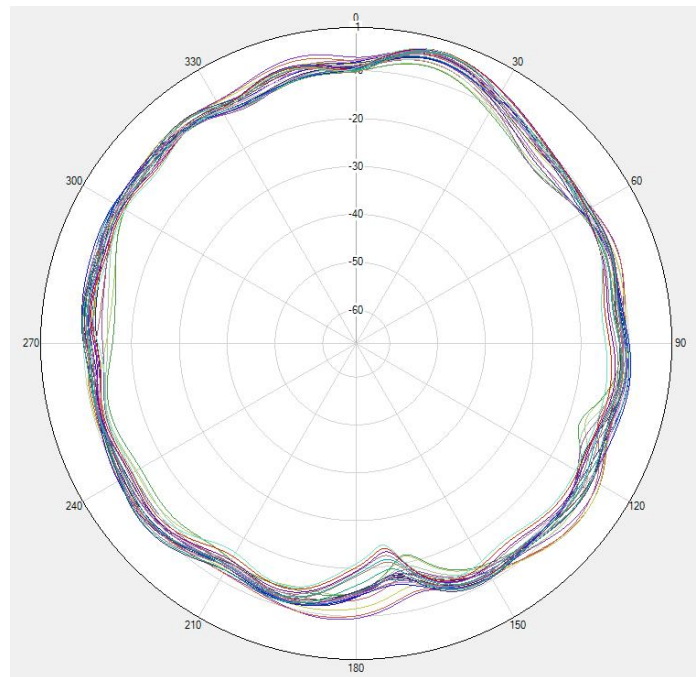
GSM900 / WCDMA B8 / LTE B8 $\Theta=90^\circ$

※ Antenna Gain

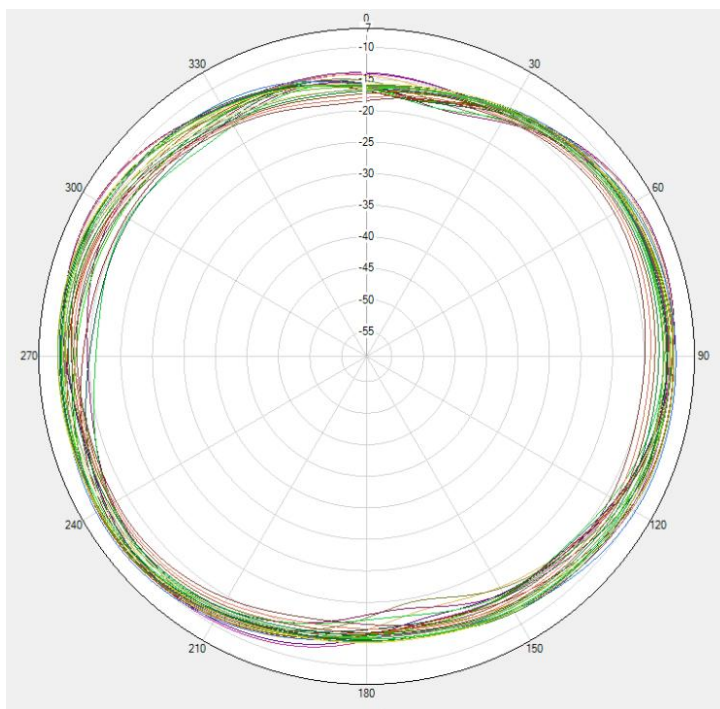
Main Antenna



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



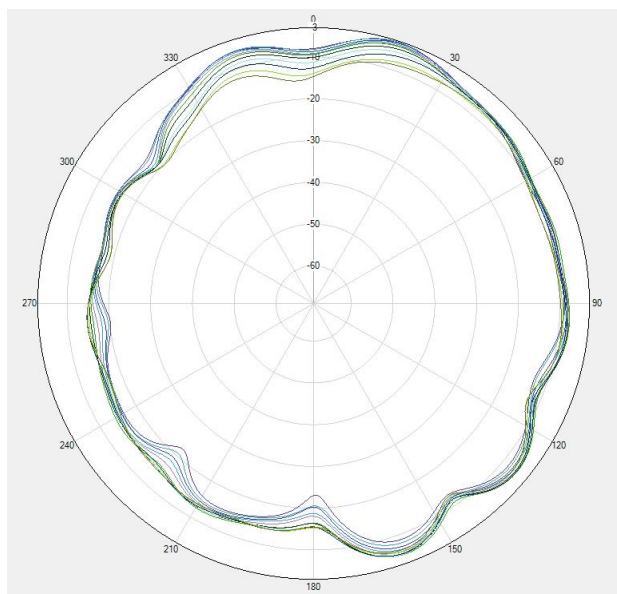
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 Phi=90deg



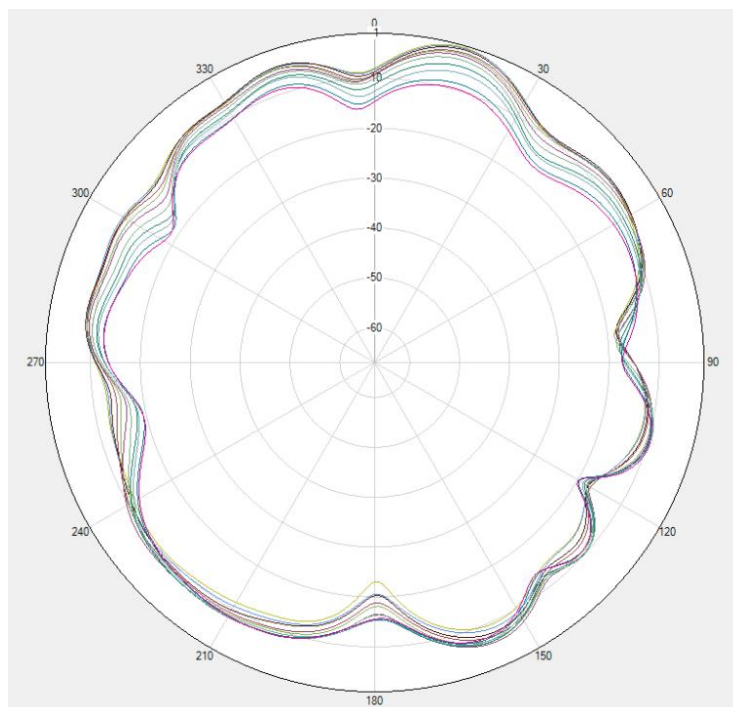
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 Theta=90deg

✂ Antenna Gain

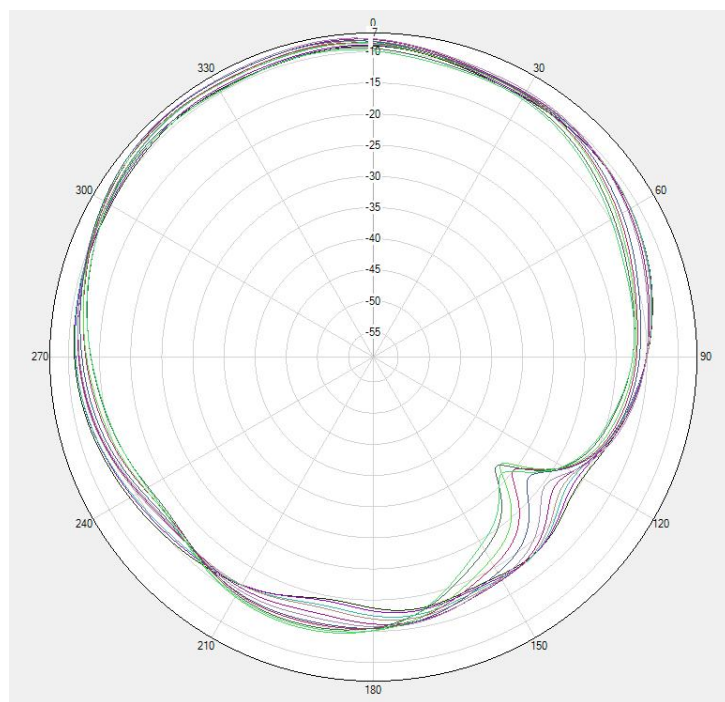
Main Antenna



LTE B7/B38/41 Phi=0deg



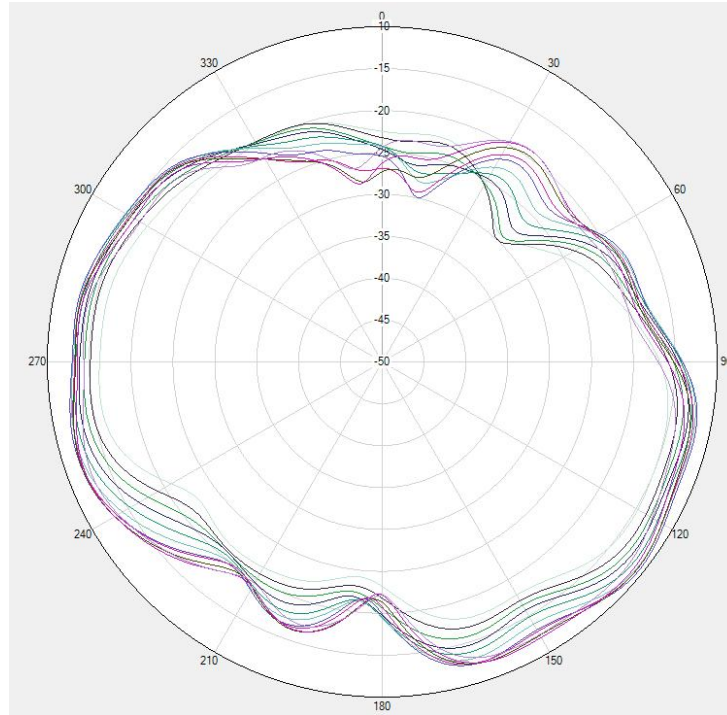
LTE B7/B38/41 $\Phi=90^\circ$



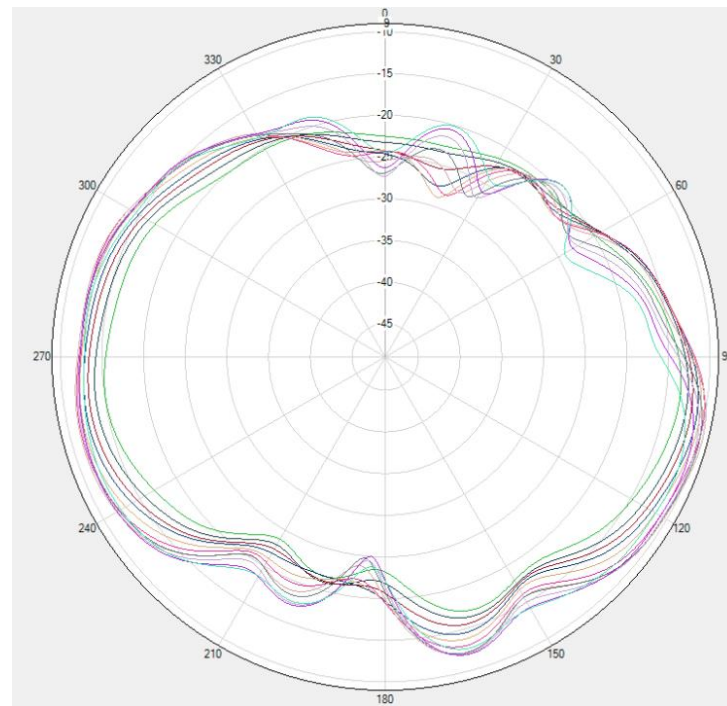
LTE B7/B38/41 $\Theta=90^\circ$

※ Antenna Gain

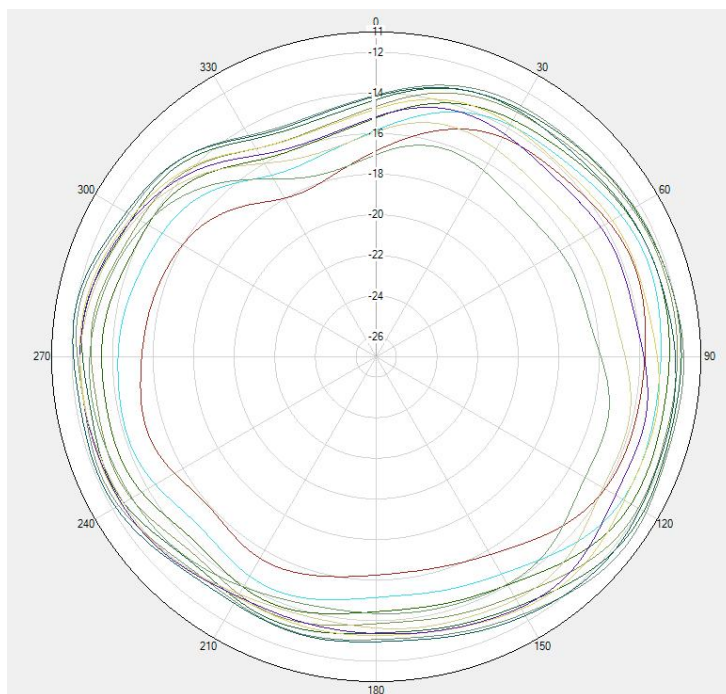
Main Antenna



LTE B12/B13/B17/B28 $\Phi=0^\circ$



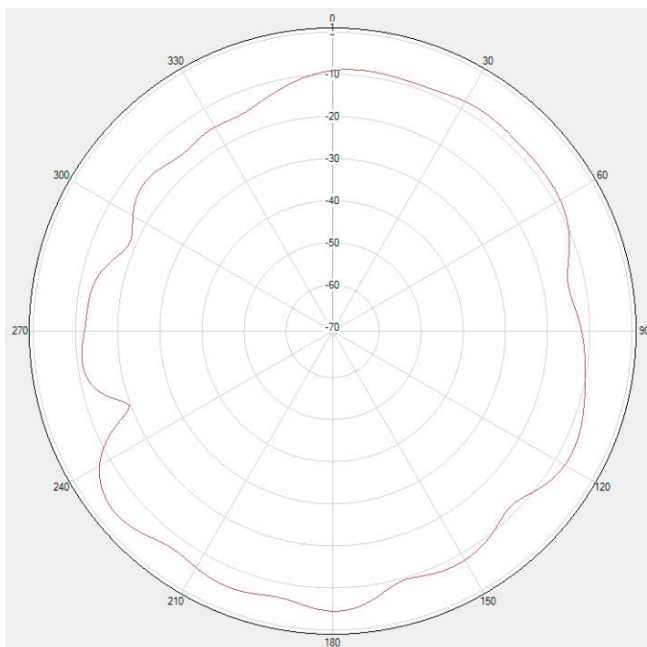
LTE B12/B13/B17/B28 $\Phi=90^\circ$



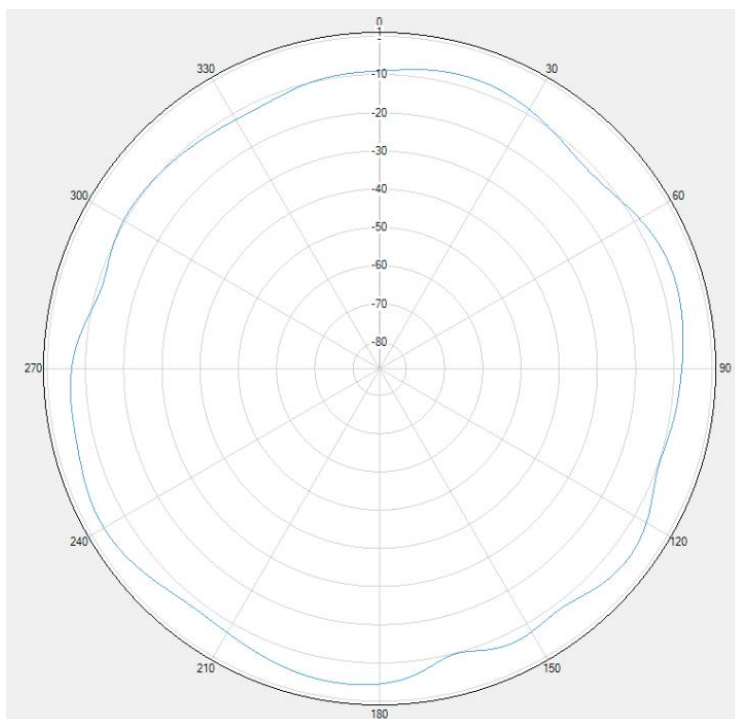
LTE B12/B13/B17/B28 Theta=90deg

※ Antenna Gain

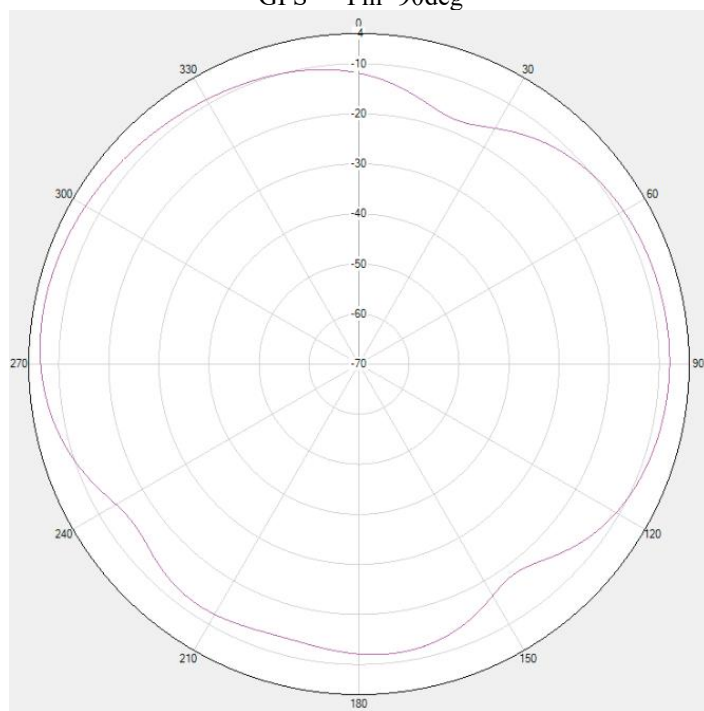
GPS Antenna



GPS Phi=0deg



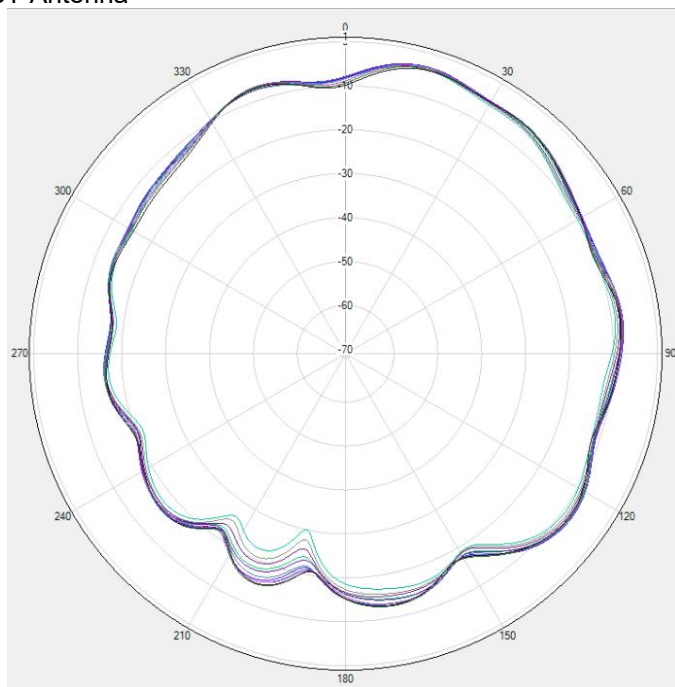
GPS $\Phi=90\text{deg}$



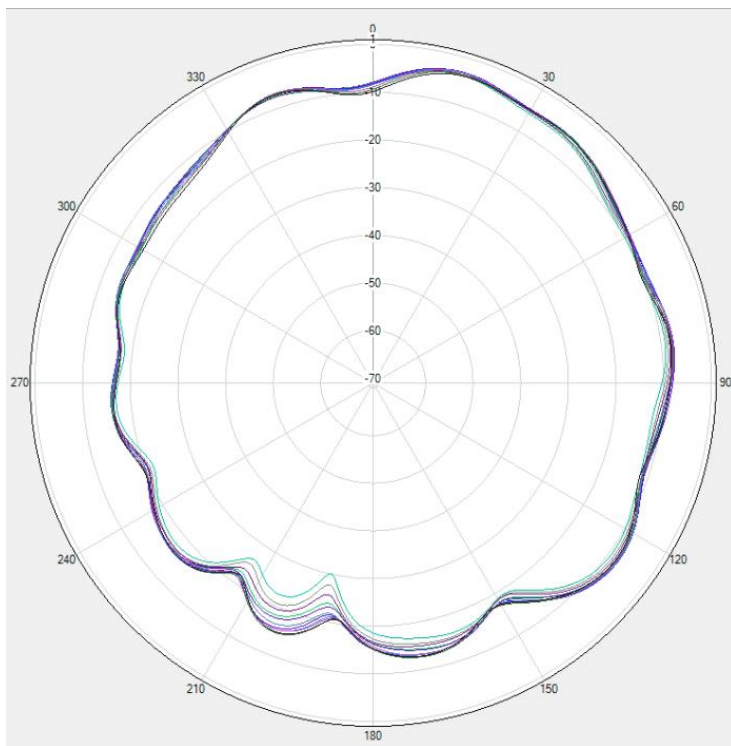
GPS $\Theta=90\text{deg}$

※ Antenna Gain

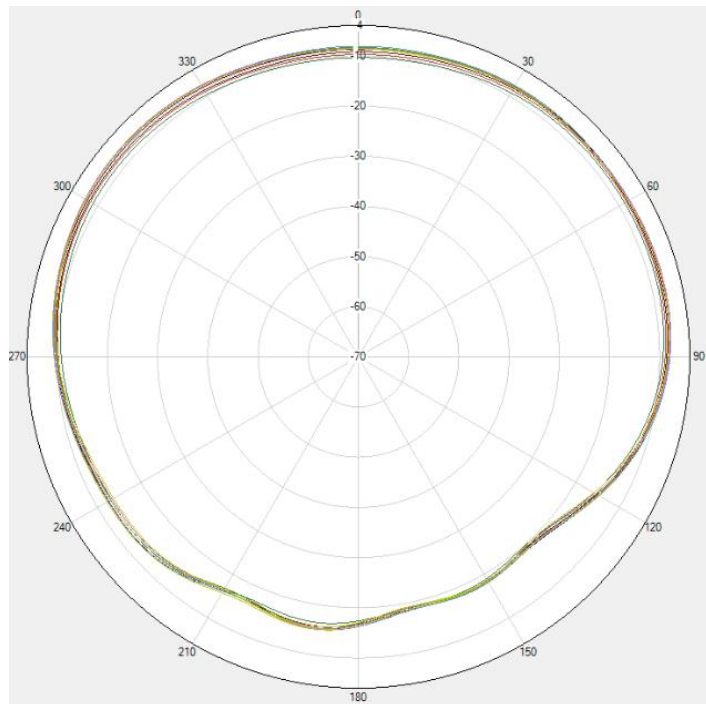
2.4G WIFI&BT Antenna



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

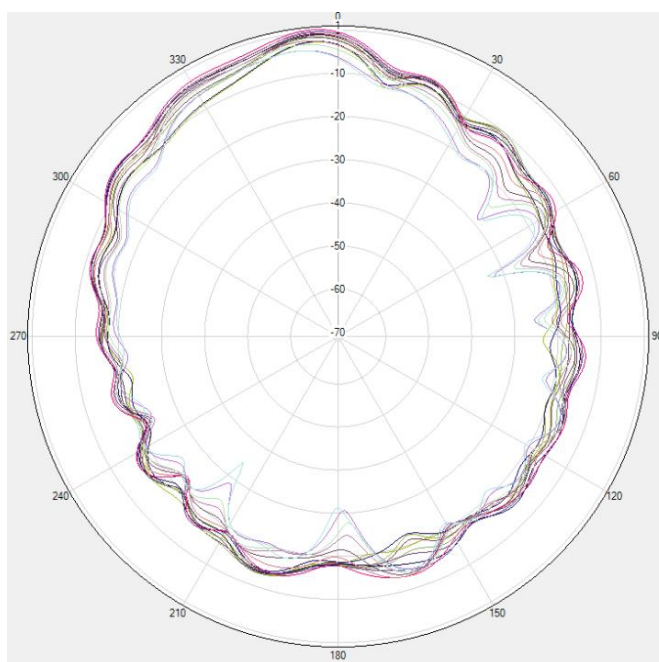


2.4G WIFI&BT $\Phi=90^\circ$

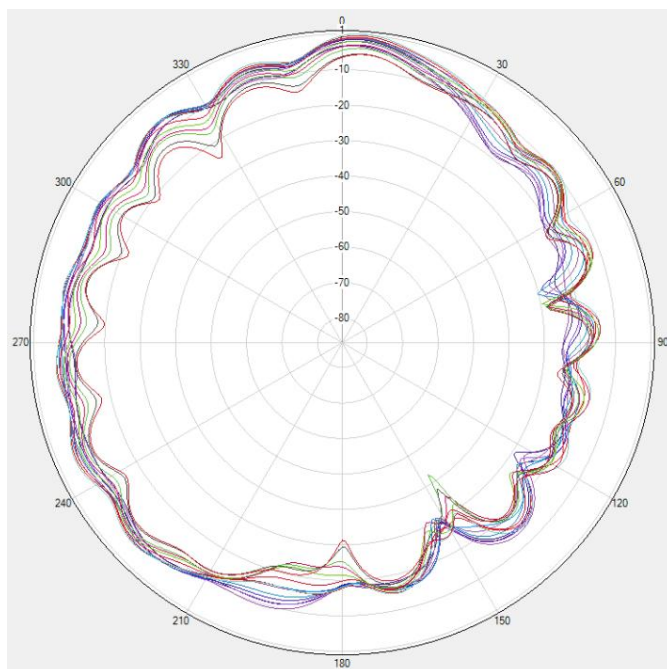


2.4G WIFI&BT Theta=90deg

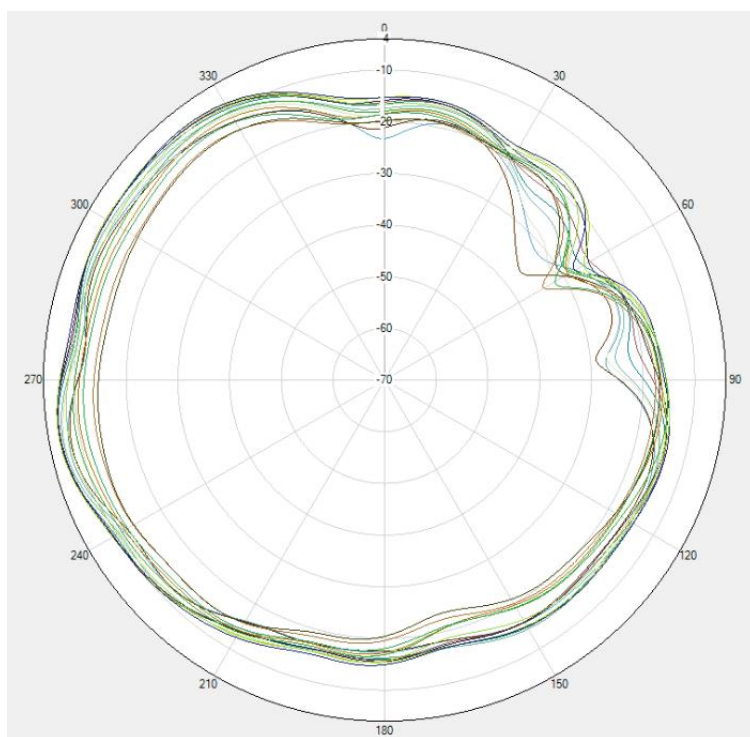
※ Antenna Gain
5G WIFI Antenna



5G WIFI Phi=0deg



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



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



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	Maoqian.yao		DATE:	2023/1/6