

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/B40/B41/B66
communication applications

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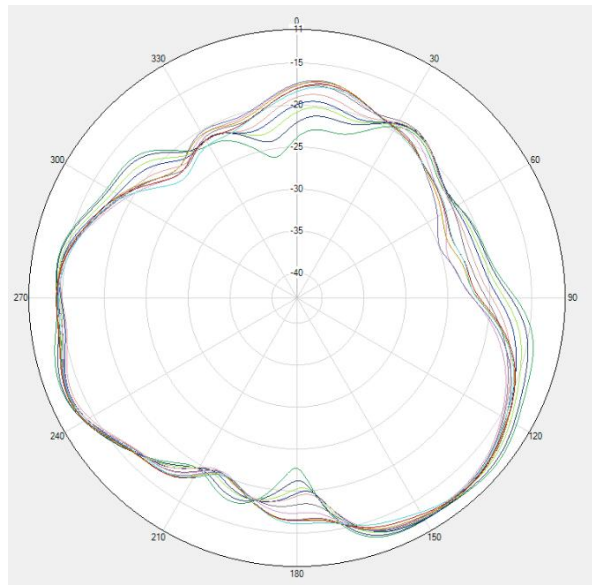
型号:
BF7-ANT1-RD
BF7-ANT2-RD
BF7-ANT3-RD

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/B28:700-748MHz	
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/B66: 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	
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/B40/B41/B66: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Main Antenna Gain	GSM 850/WCDMA B5/LTE B5: -4.2

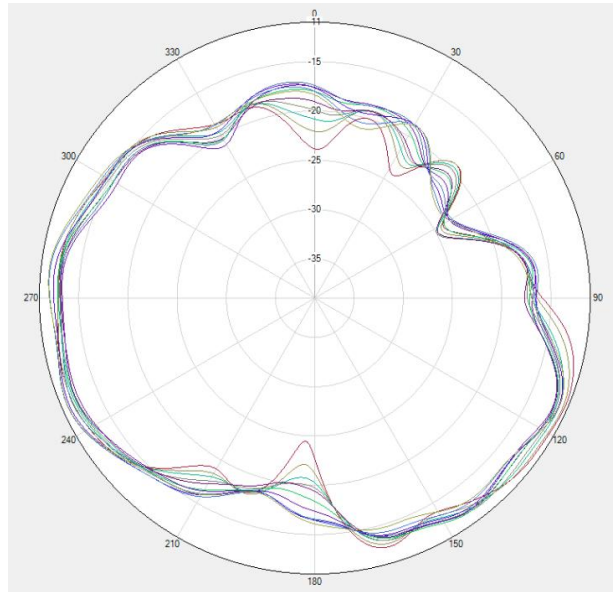
(Peak Gain)	GSM 900/WCDMA B8/LTE B8: -4.4
	DCS/WCDMA B4/ LTE B3/B4/B66: 1.7
	PCS/WCDMA B2/LTE B2: 1.6
	WCDMA B1/LTE B1: 1.7
	LTE B7/B38/B41: 0.4
	LTE B40: 1.3
	LTE B20:-5.6
	LTE B12/B17/B28:-5.4MHz
	GPS:0.2
3in1 Antenna Gain (Peak Gain)	WIFI 2.4G: 1.1 5G: 2.3
Type of Modulation	

※ Antenna Gain

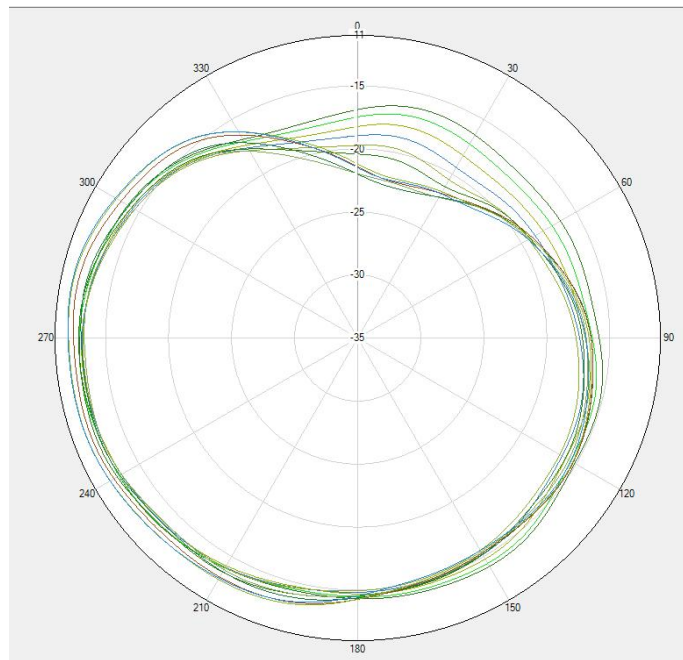
Main Antenna



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



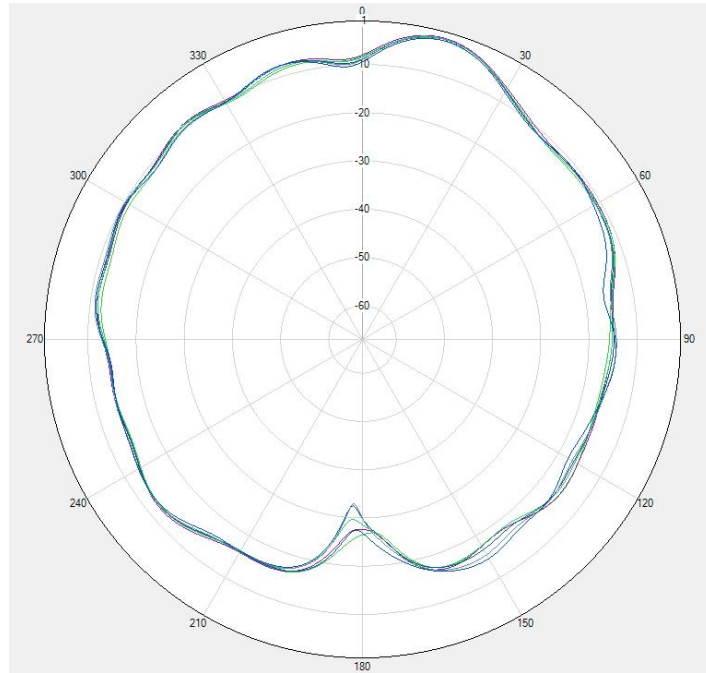
GSM850 / WCDMA B5 / LTE B5/B20 Phi=90deg



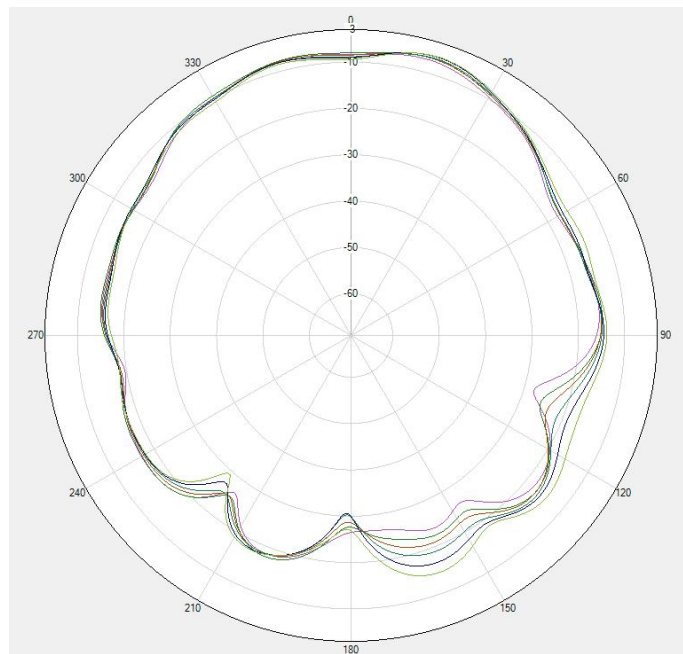
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

※ Antenna Gain

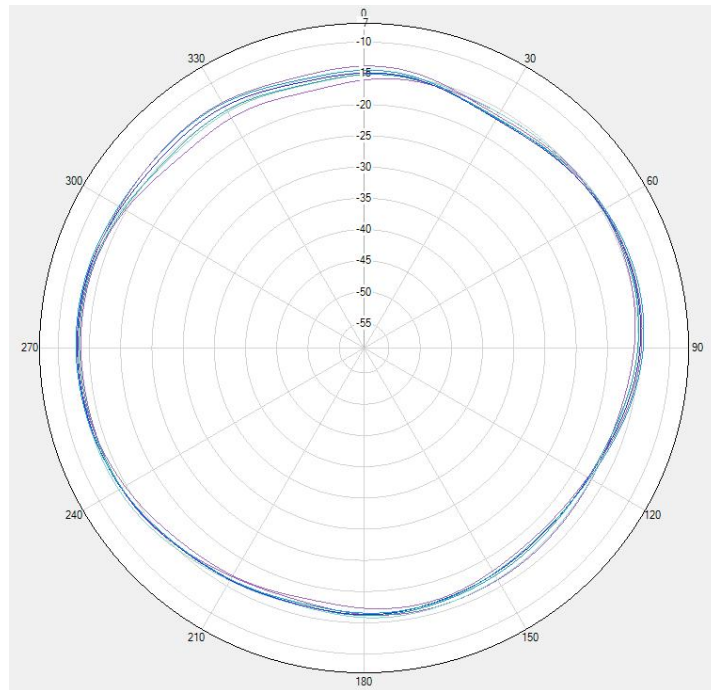
Main Antenna



LTE B40 $\Phi=0^\circ$



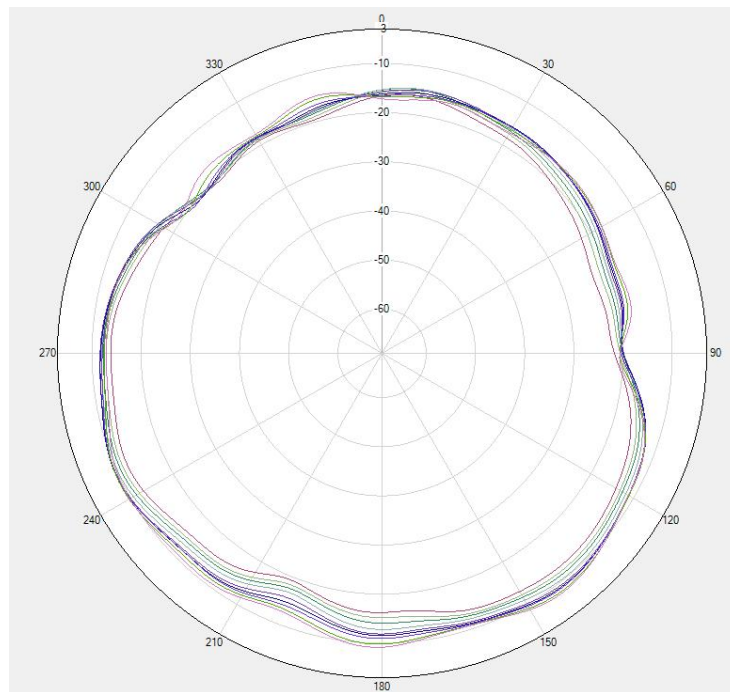
LTE B40 $\Phi=90^\circ$



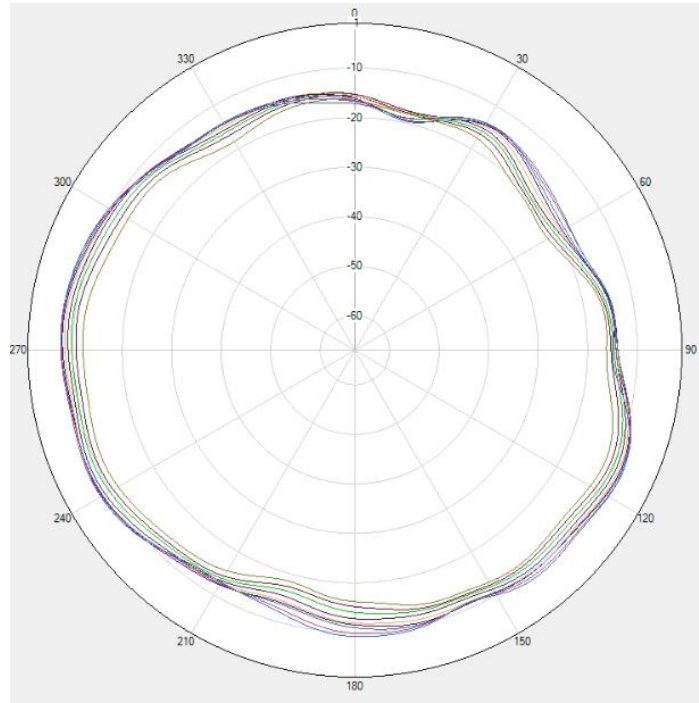
LTE B40 Theta=90deg

※ Antenna Gain

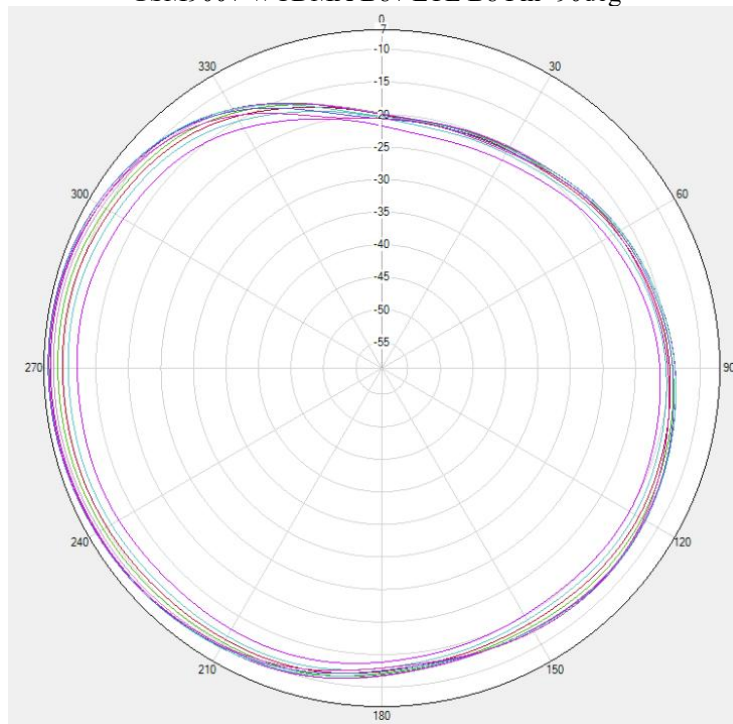
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



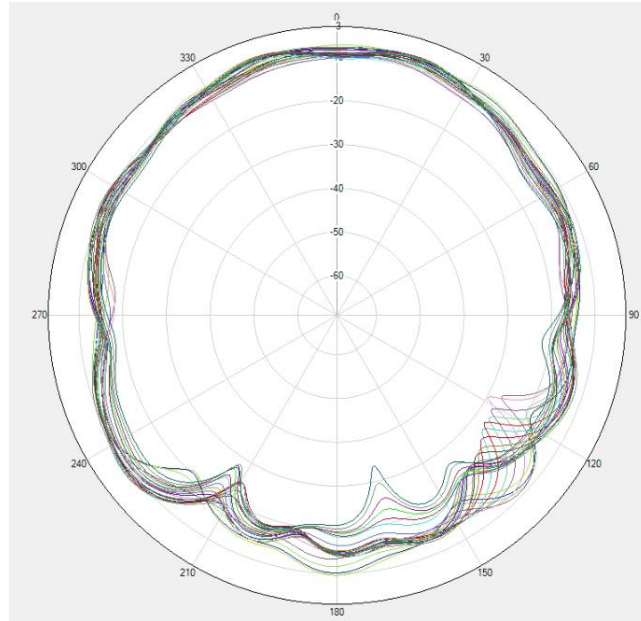
GSM900 / WCDMA B8 / LTE B8 Phi=90deg



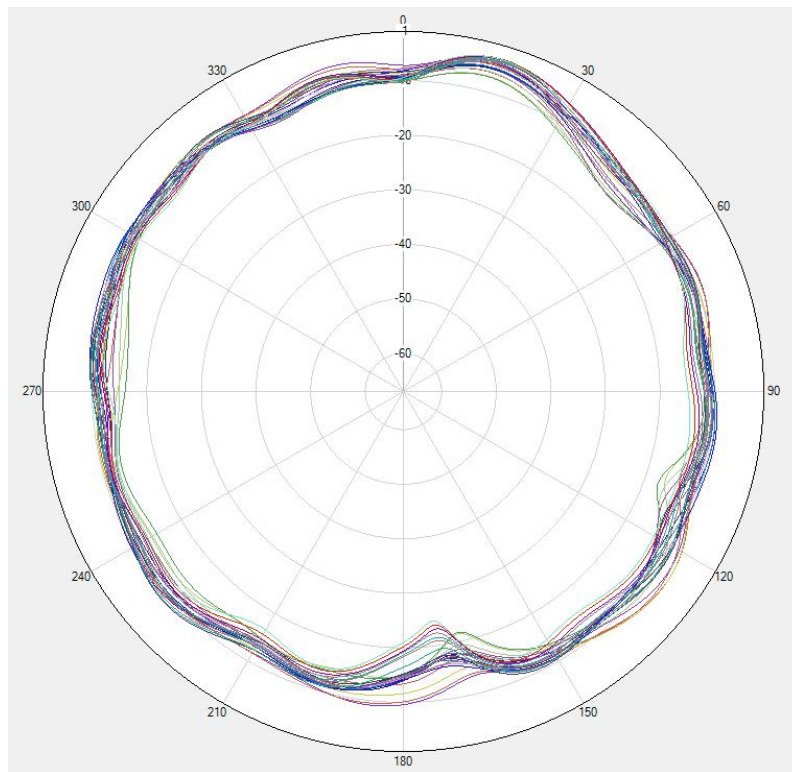
GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

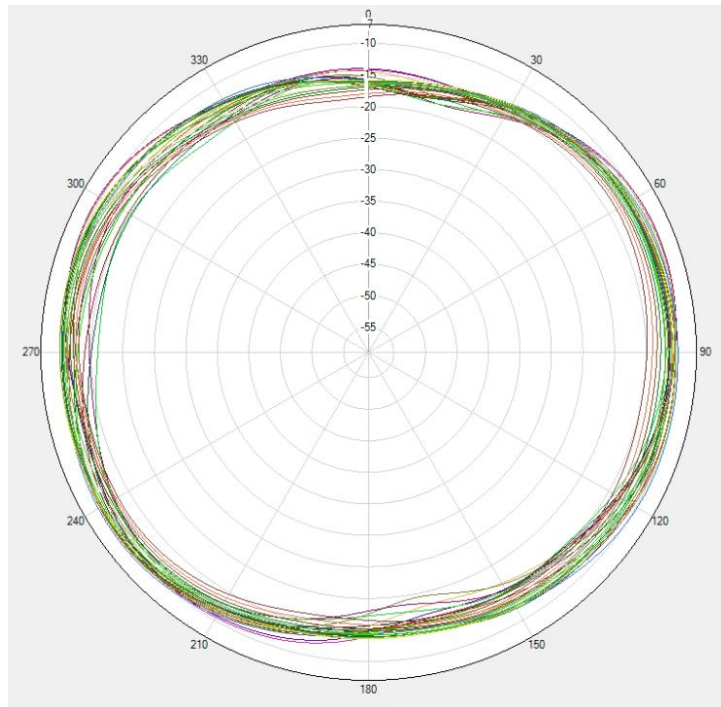
Main Antenna



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



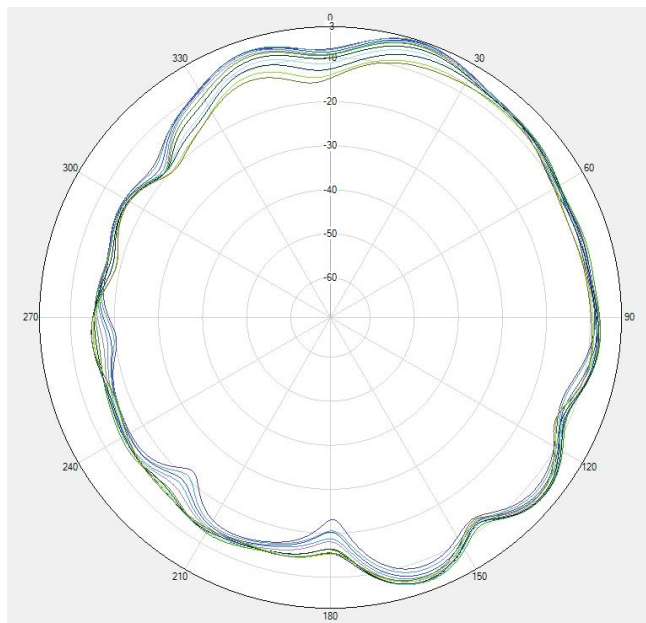
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Phi=90deg



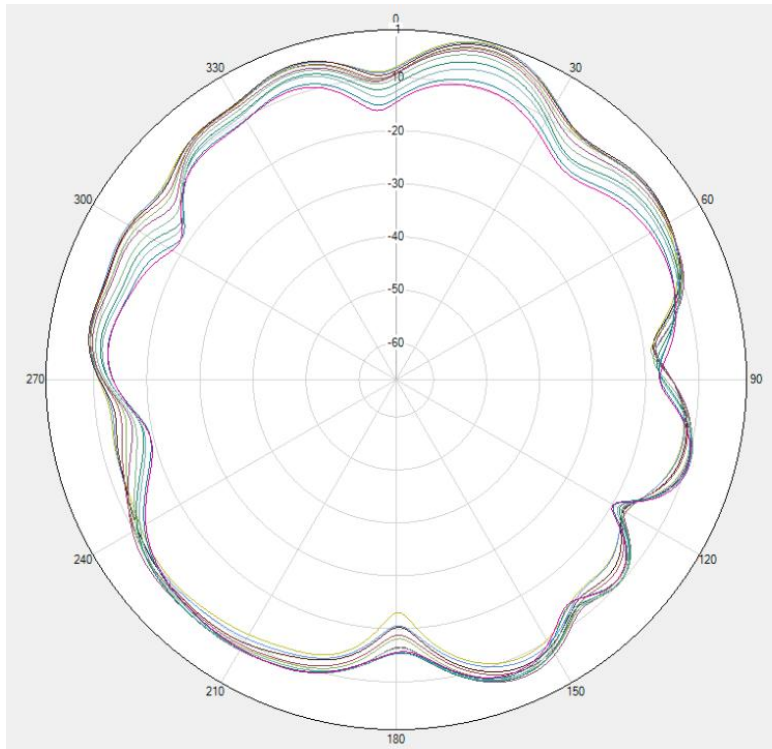
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Theta=90deg

※ Antenna Gain

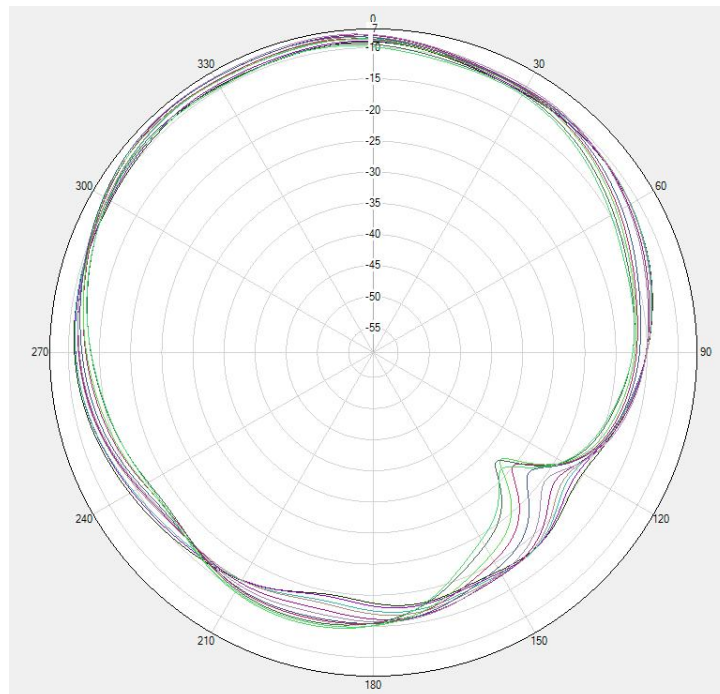
Main Antenna



LTE B7/B38/41 Phi=0deg



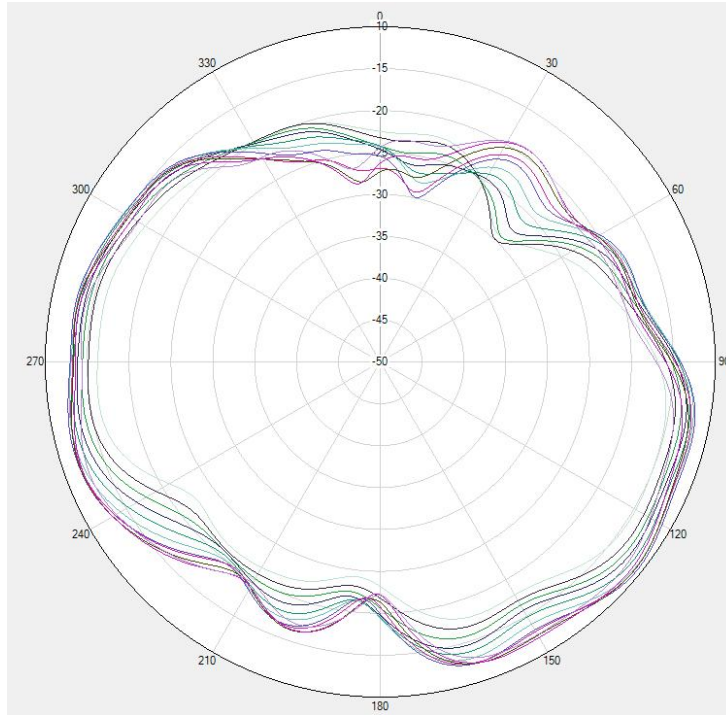
LTE B7/B38/41 Phi=90deg



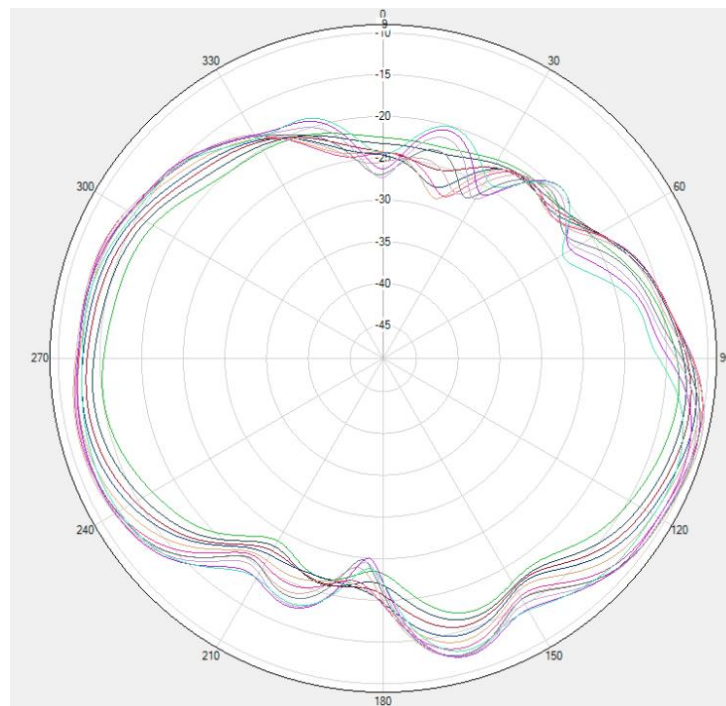
LTE B7/B38/41 Theta=90deg

※ Antenna Gain

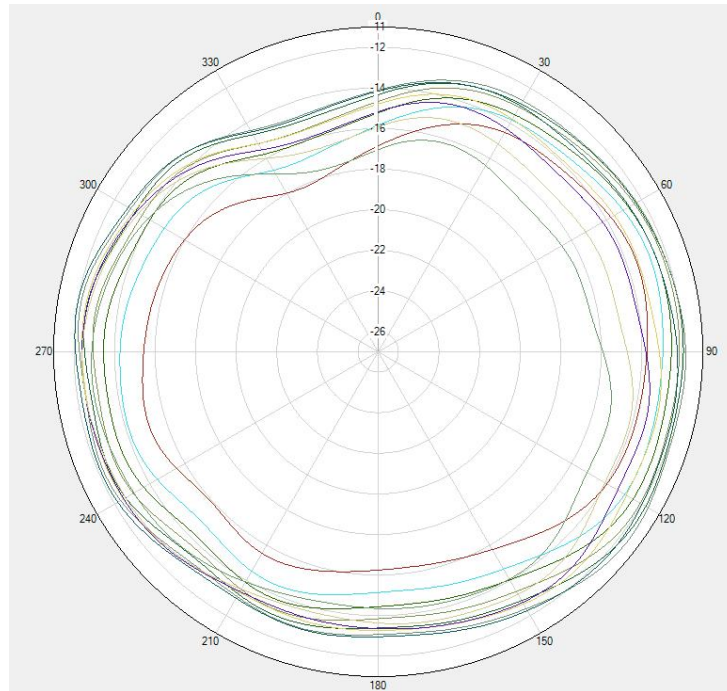
Main Antenna



LTE B28 Phi=0deg



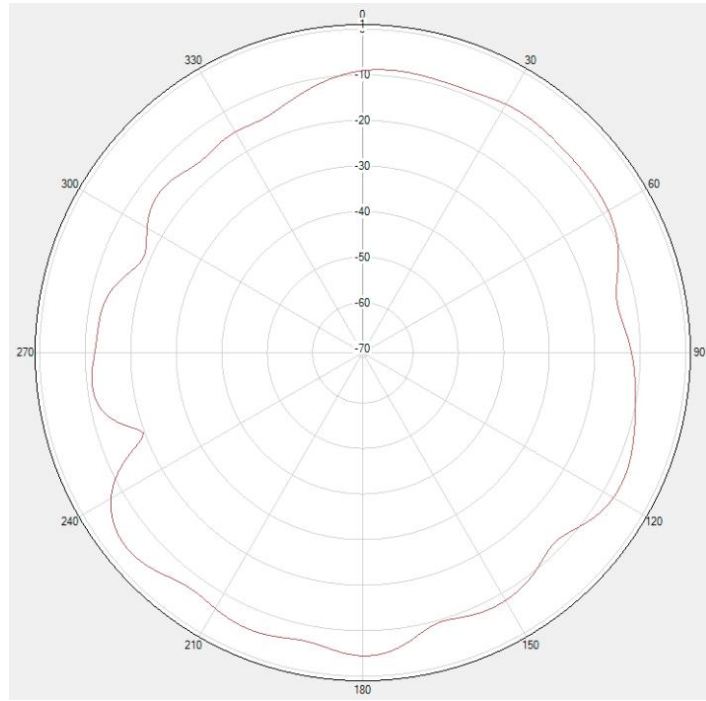
LTE B28 Phi=90deg



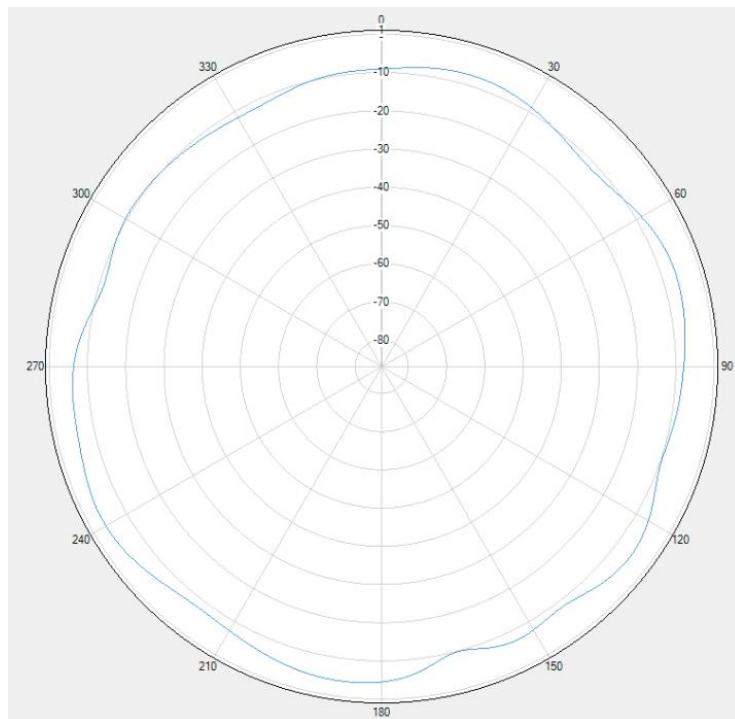
LTE B28 Theta=90deg

※ Antenna Gain

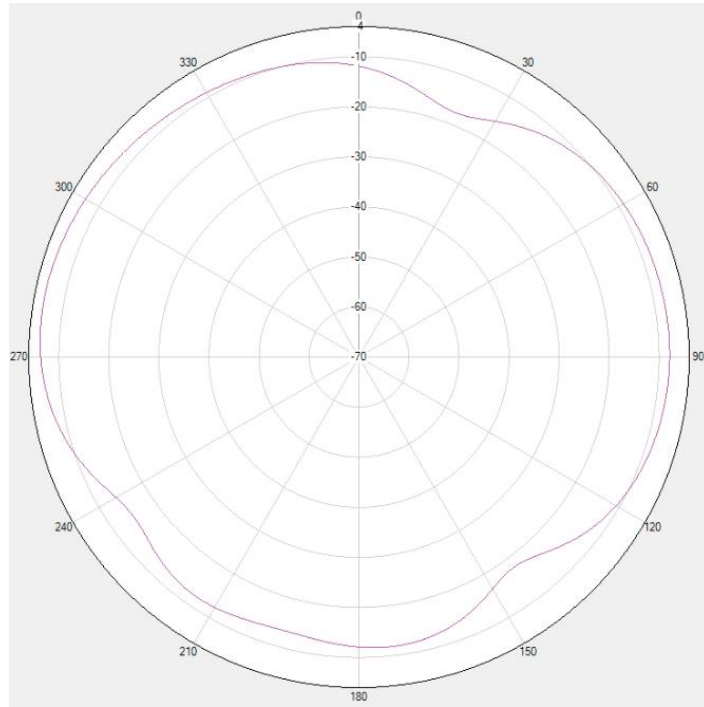
GPS Antenna



GPS $\Phi=0^\circ$



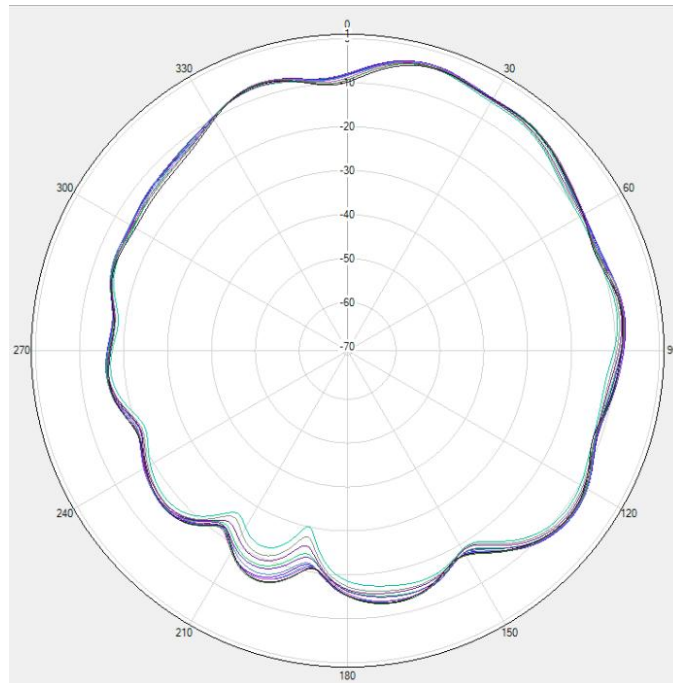
GPS $\Phi=90^\circ$



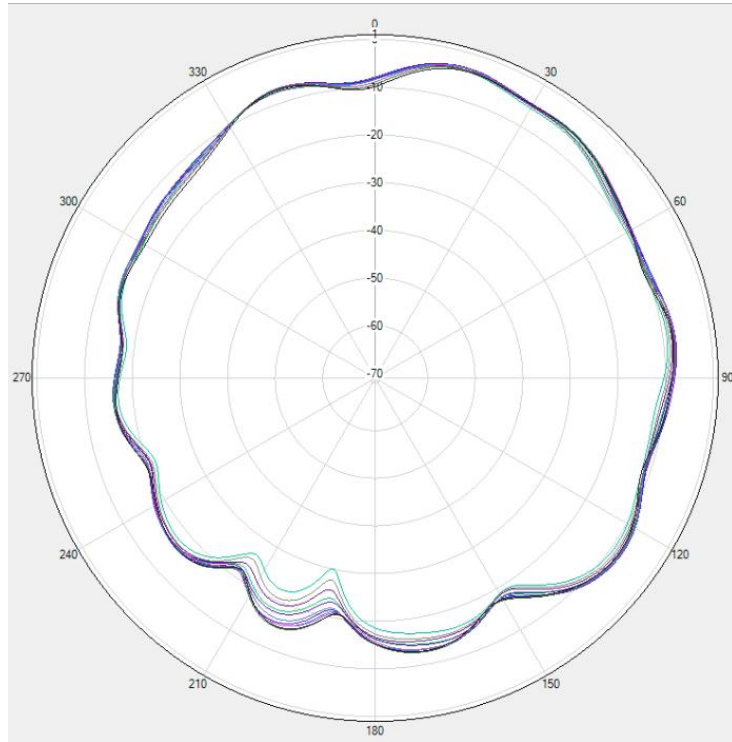
GPS $\Theta = 90^\circ$

※ Antenna Gain

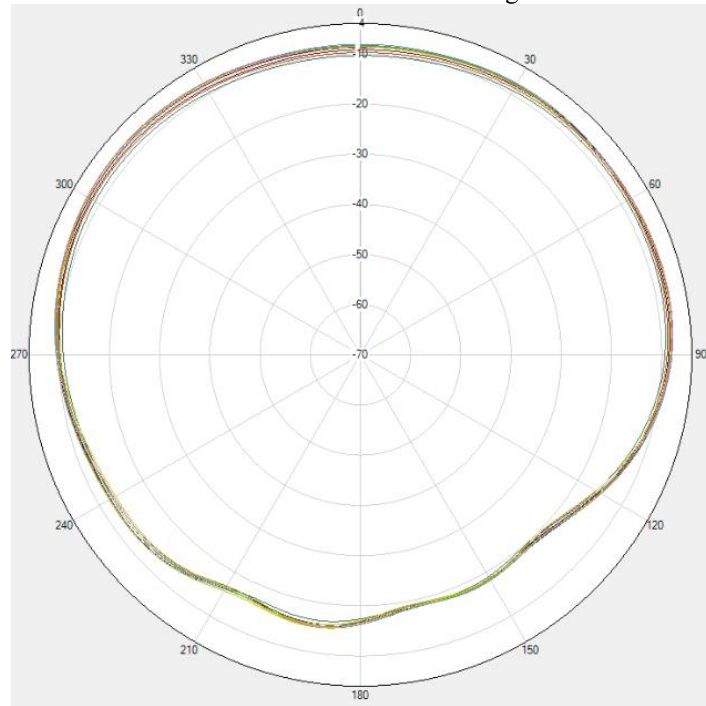
2.4G WIFI&BT Antenna



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

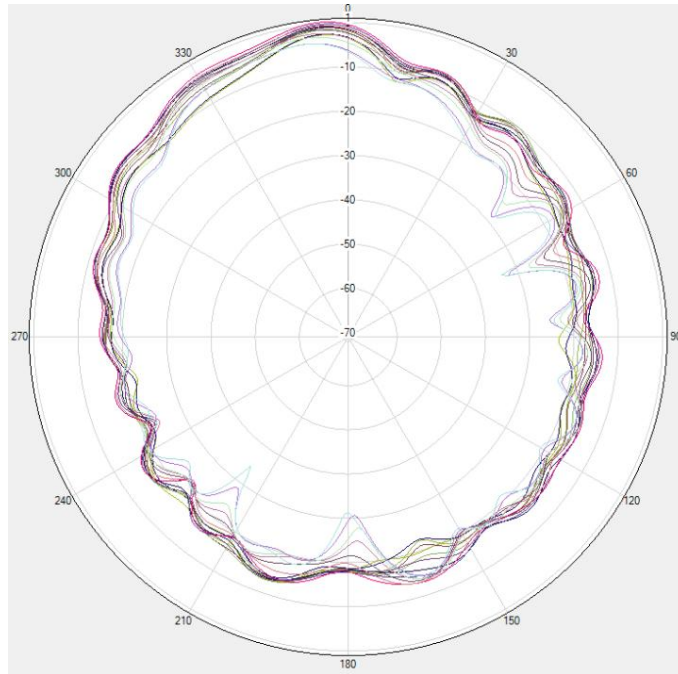


2.4G WIFI&BT $\Phi=90^\circ$

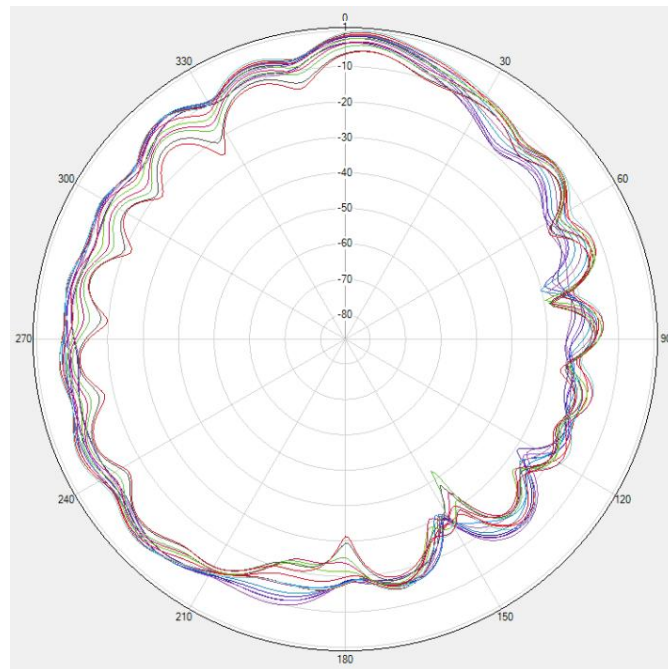


2.4G WIFI&BT $\Theta=90^\circ$

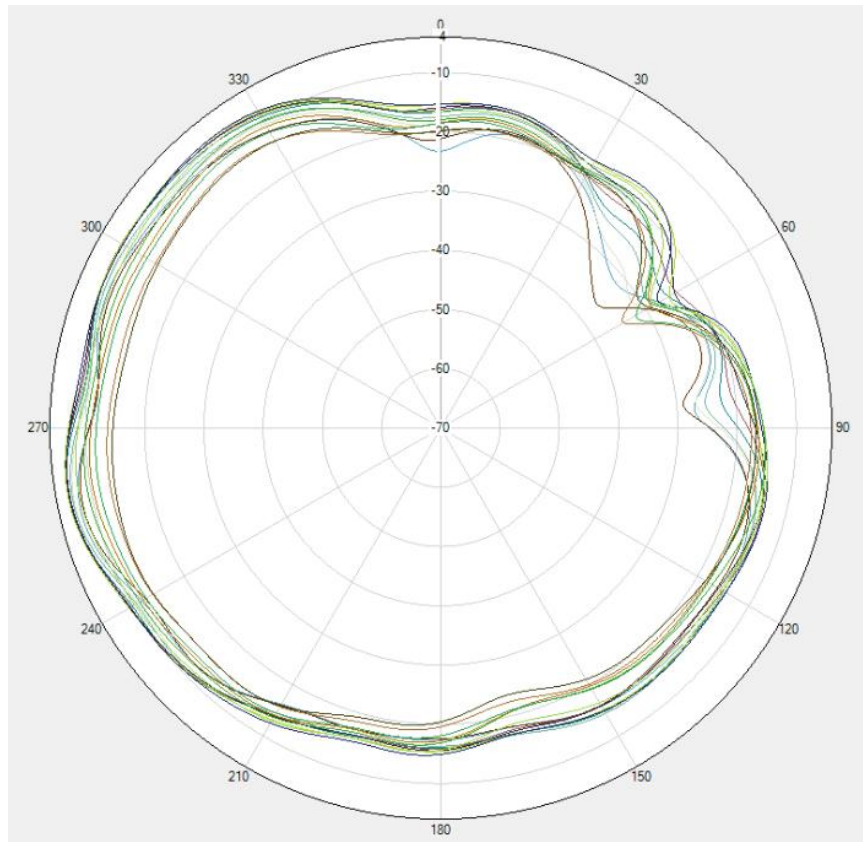
※ Antenna Gain
5G WIFI Antenna



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



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



5G WIFI Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Maoqian.yao		DATE:	2022/9/16