



## Feature

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

Main Antenna

## Application

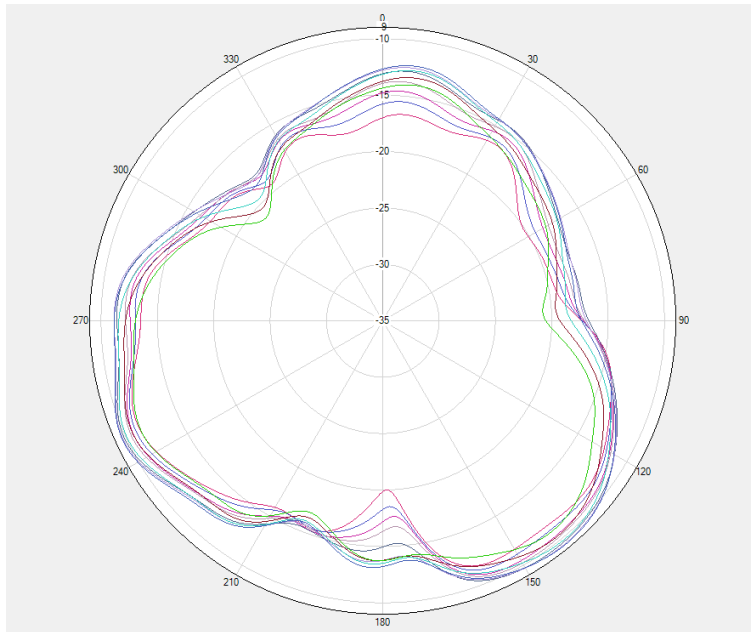
- ※ GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8
- LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41 communication applications



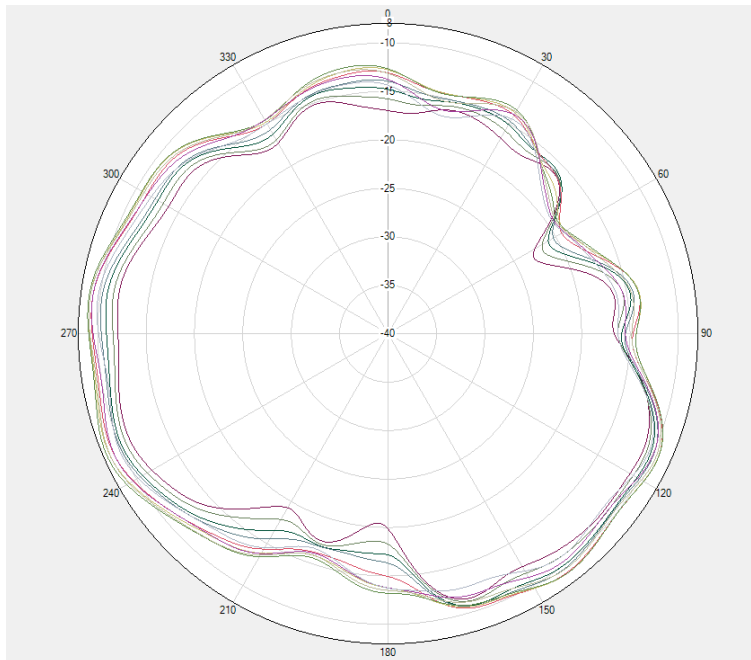
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 - 849 MHz
	GSM 900/WCDMA B8/LTE B8: 880 - 915 MHz
	DCS /WCDMA B4/LTE B3/B4: 1710 - 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1/LTE B1: 1920 - 1980MHz
	LTE B7:2496-2565MHz
	LTE B40:2300-2400MHz
	LTE B38/B41:2565-2645MHz
	LTE B20:832-862MHz
	LTE 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 B38/41:2565-2645MHz
	LTE B20:791-821MHz
LTE B28:758-803MHz	
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE B5: -4.5dBi
	GSM 900/WCDMA B8/LTE B8: -4.7dBi
	DCS/WCDMA B4/ LTE B3/B4: 1.9dBi
	PCS/WCDMA B2/LTE B2: 1.8dBi
	WCDMA B1/LTE B1: 1.9dBi
	LTE B7/B38/B41: 0.6dBi
	LTE B40: 1.2dBi
	LTE B20:-5.9dBi
LTE B28:-5.7dBi	
3in1 Antenna Gain (Peak Gain)	GPS:0.1dBi
	WIFI 2.4G:1.2dBi 5G: 2.5dBi

※ Antenna Gain

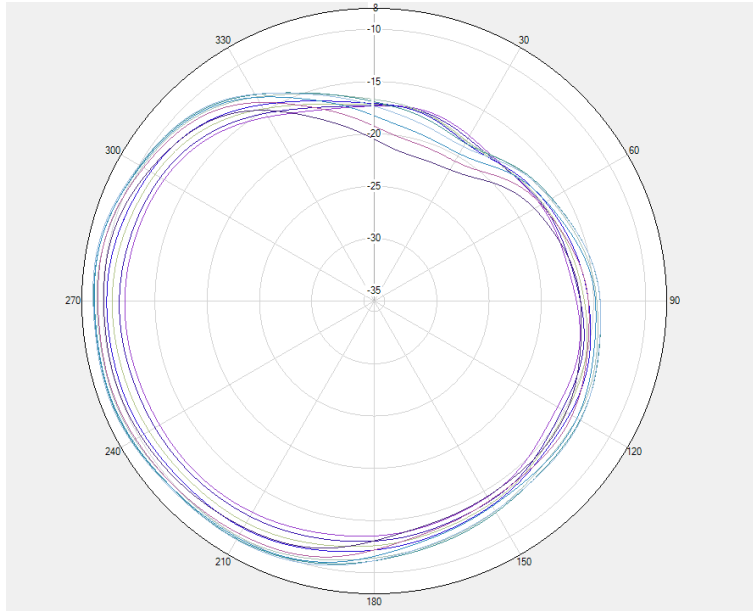
Main Antenna



GSM850 / WCDMA B5 / LTE B5/B20  $\Phi = 0^\circ$



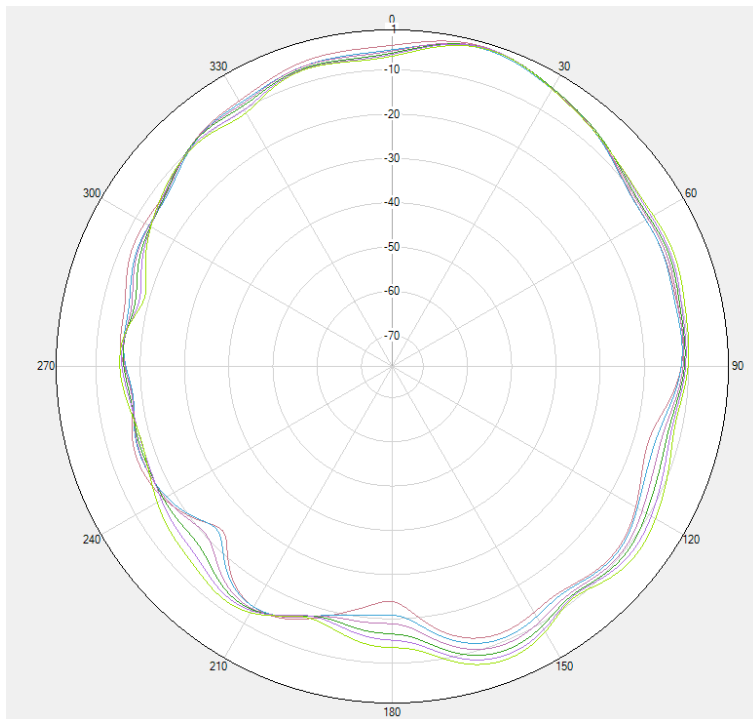
GSM850 / WCDMA B5 / LTE B5/B20  $\Phi = 90^\circ$



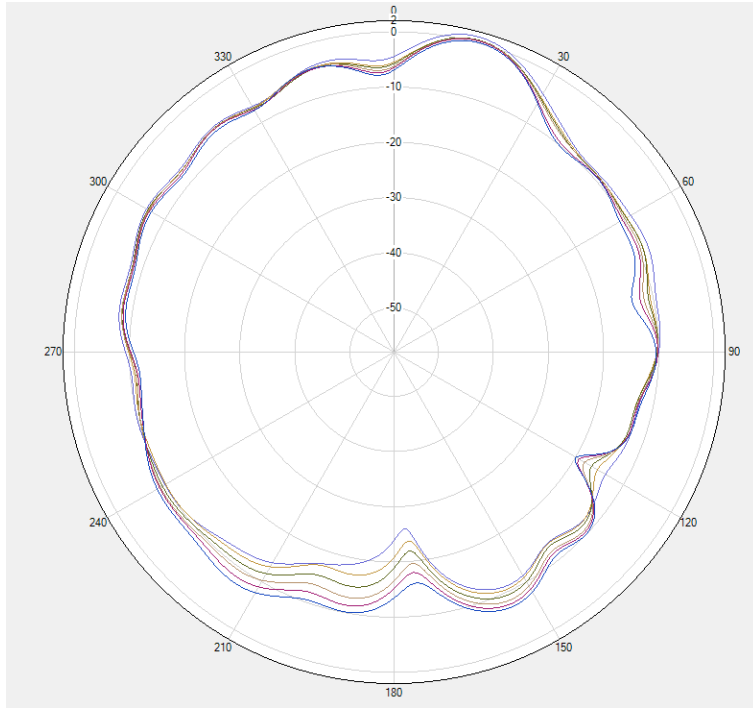
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

※ Antenna Gain

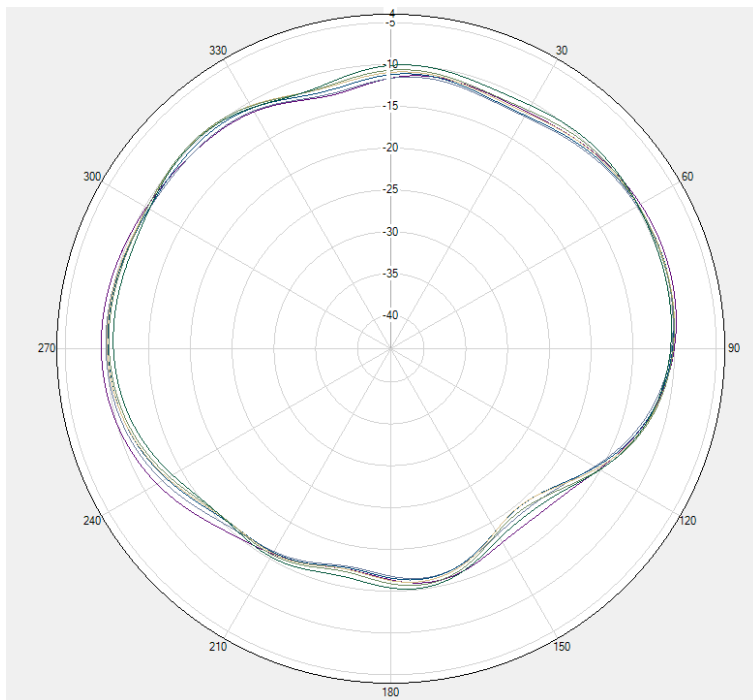
Main Antenna



LTE B40 Phi=0deg



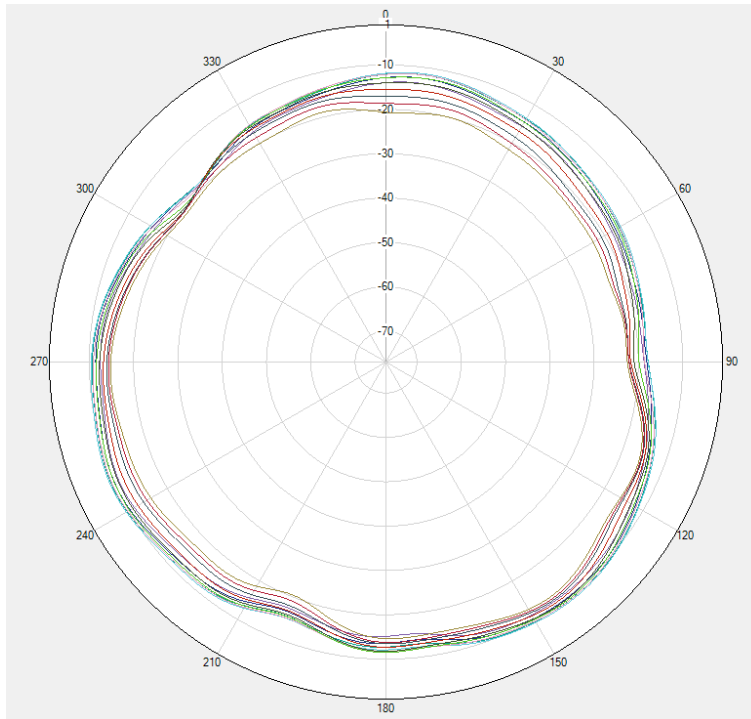
LTE B40  $\Phi=90^\circ$



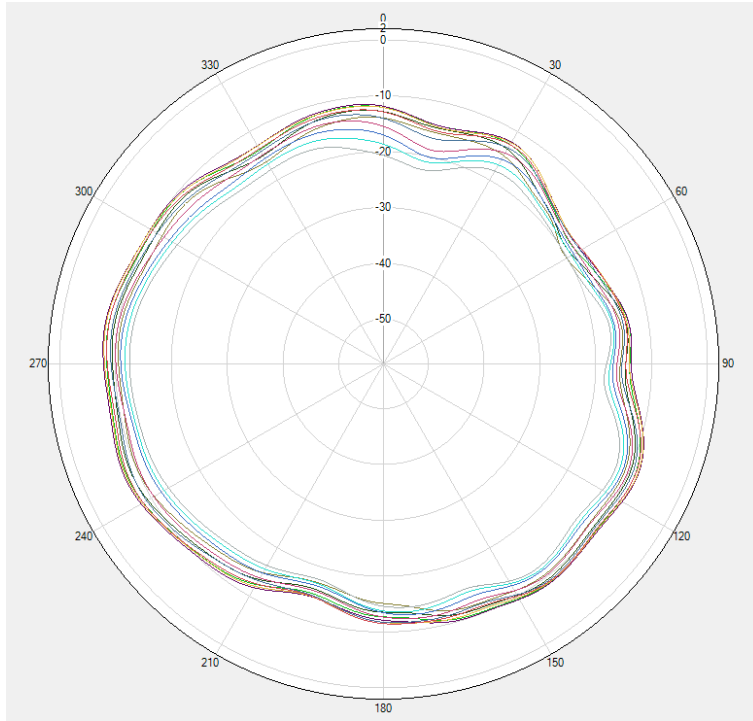
LTE B40  $\Theta=90^\circ$

※ Antenna Gain

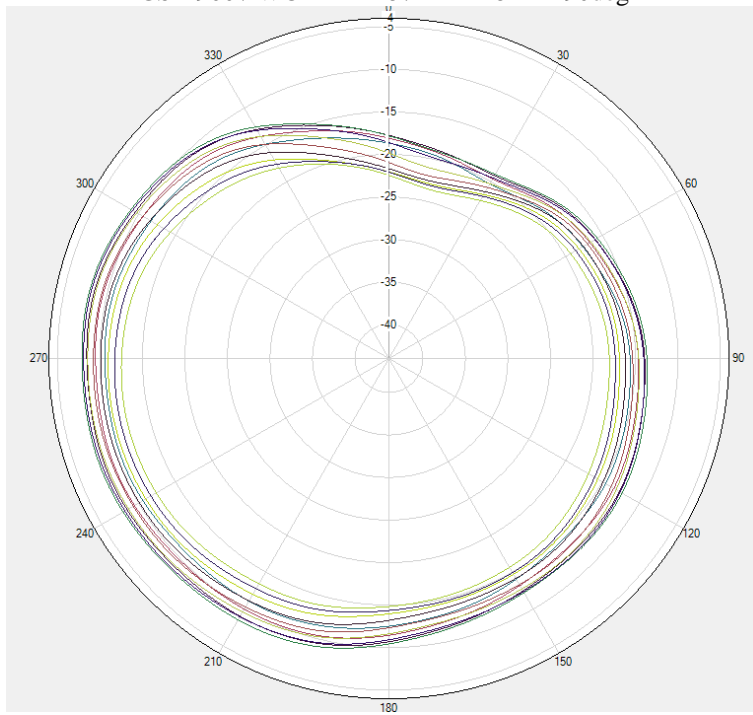
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



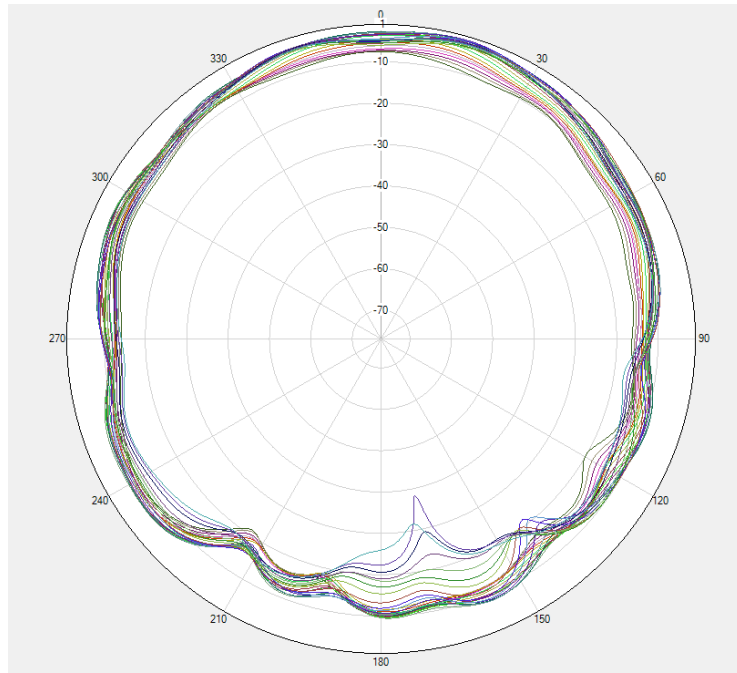
GSM900 / WCDMA B8 / LTE B8  $\Phi=90^\circ$



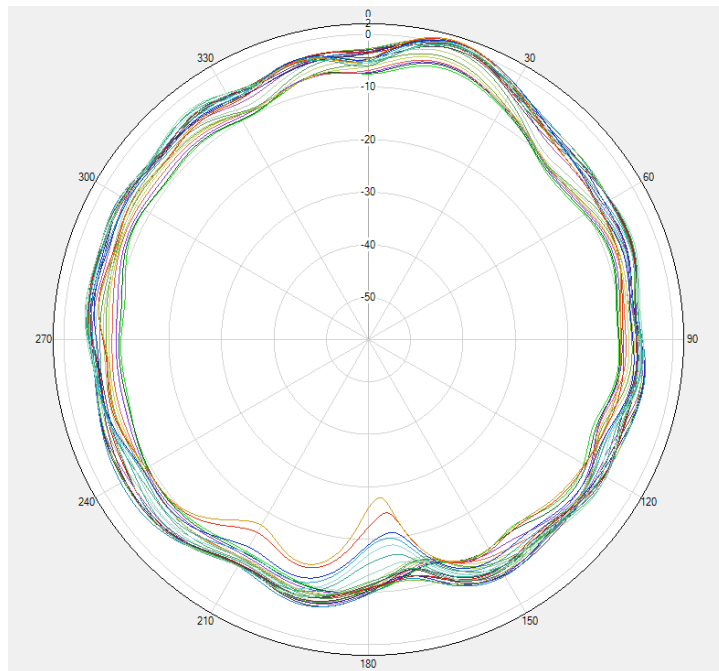
GSM900 / WCDMA B8 / LTE B8  $\Theta=90^\circ$

※ Antenna Gain

Main Antenna

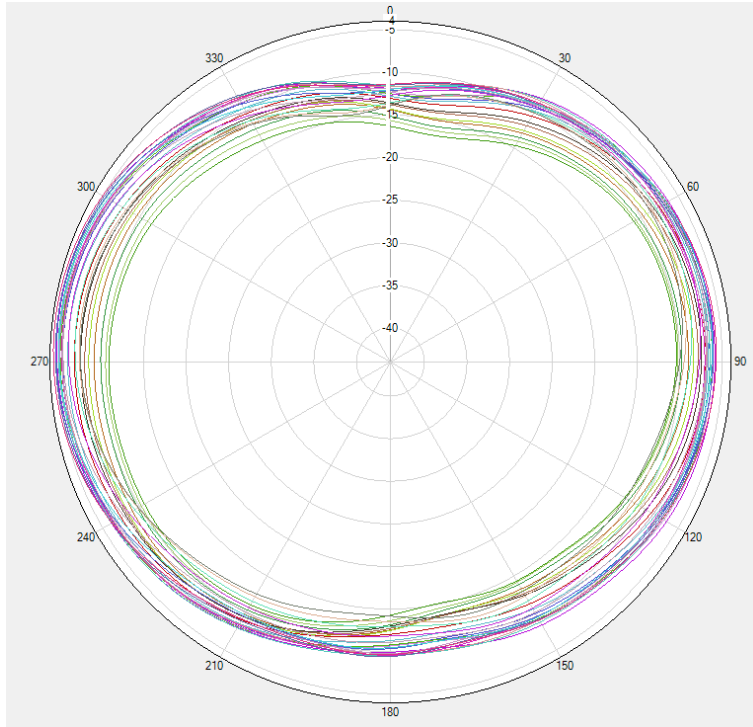


DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4  $\Phi = 0^\circ$



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

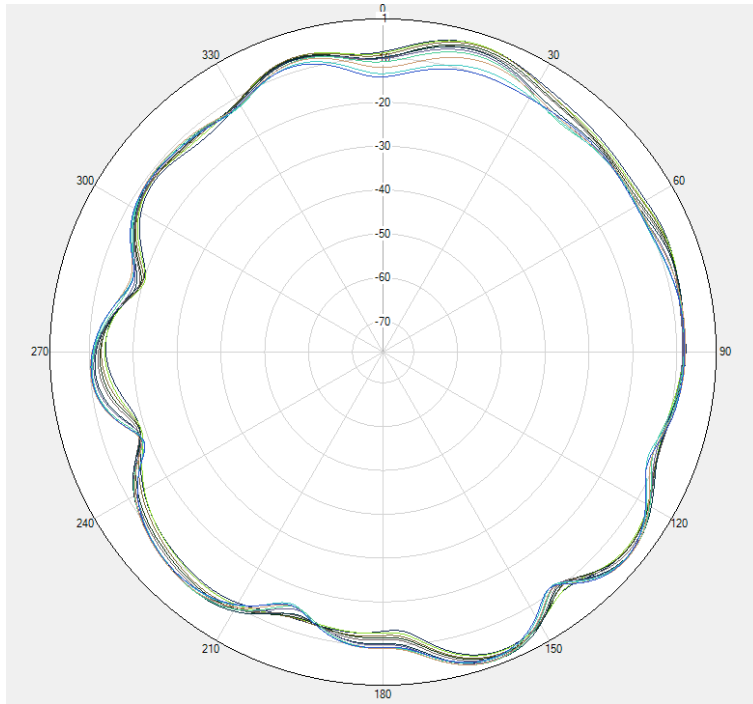




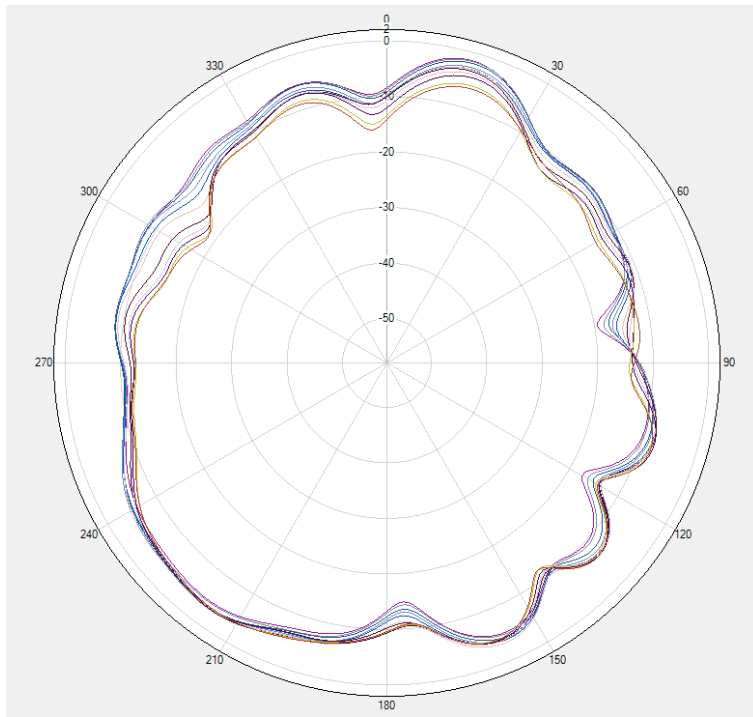
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Theta=90deg

※ Antenna Gain

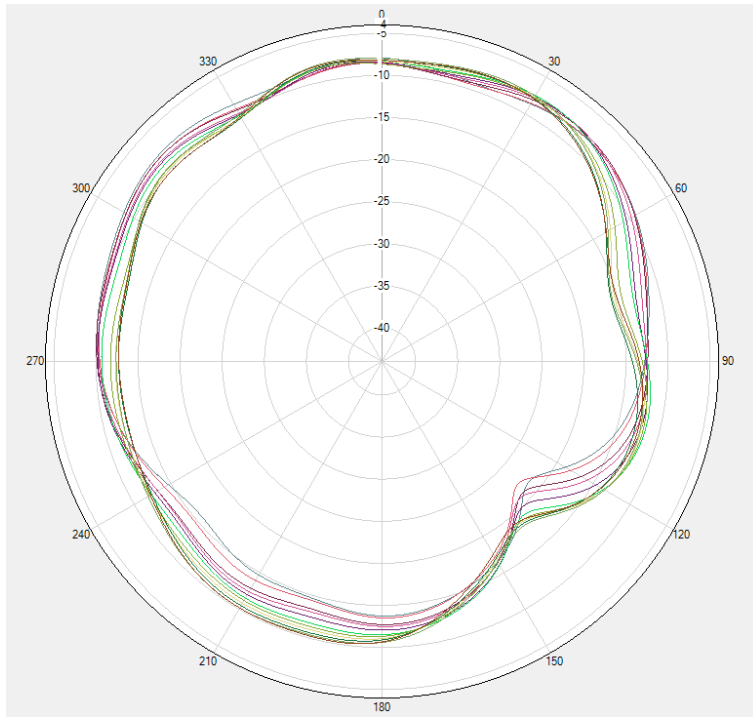
Main Antenna



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



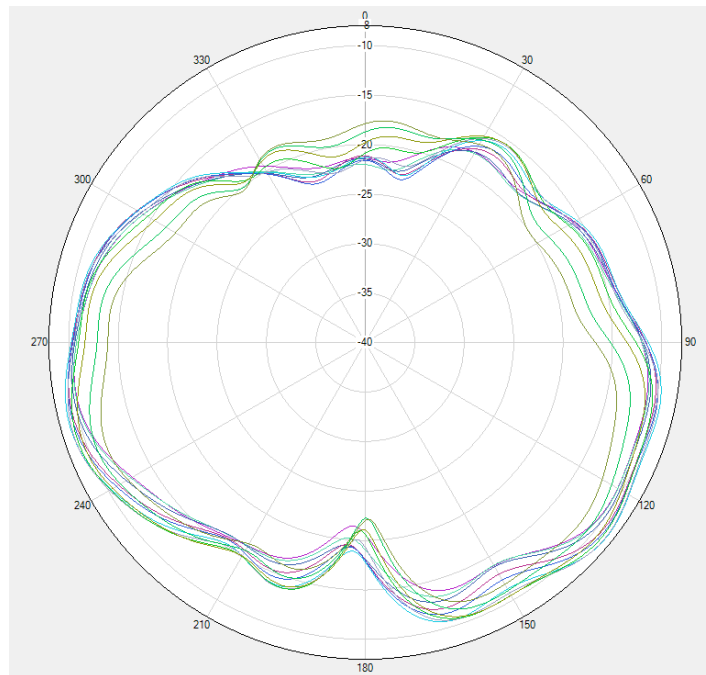
LTE B7/B38/41  $\Phi=90^\circ$



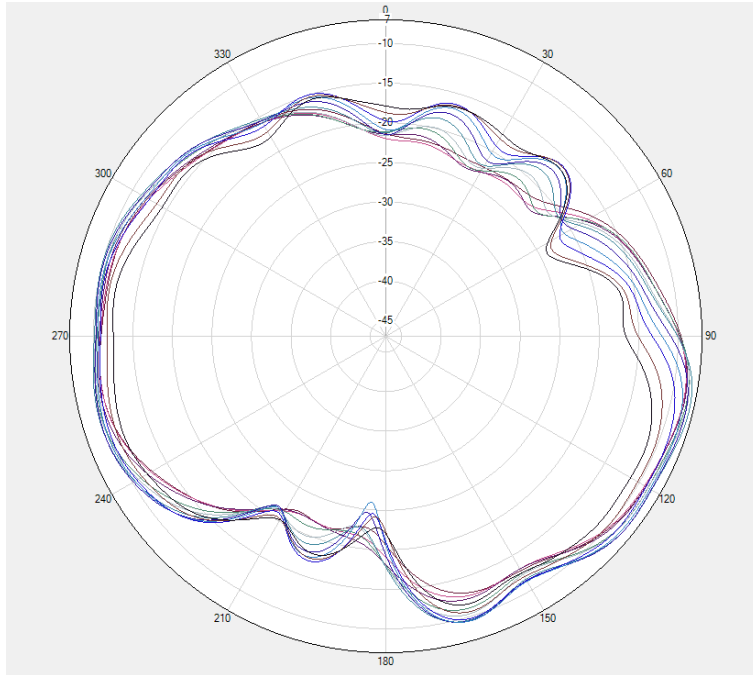
LTE B7/B38/41 Theta=90deg

※ Antenna Gain

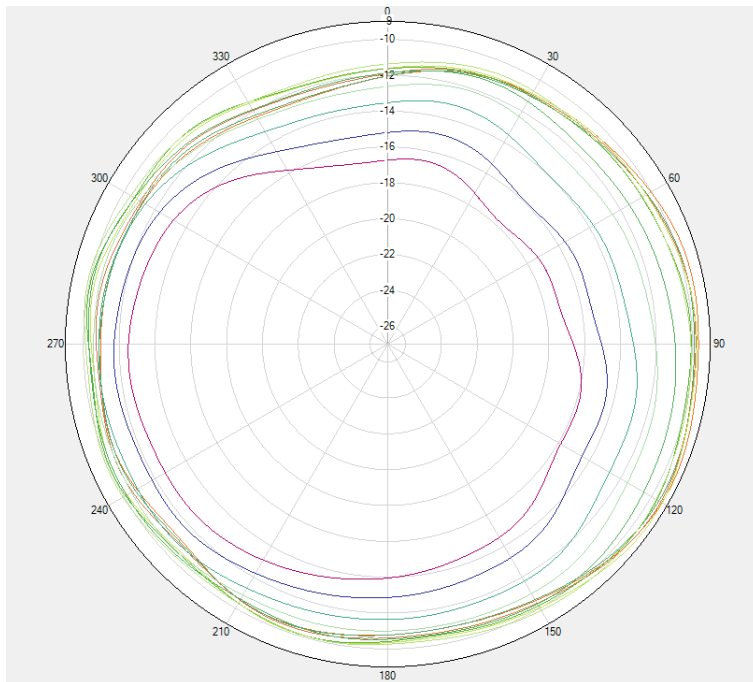
Main Antenna



LTE B28 Phi=0deg



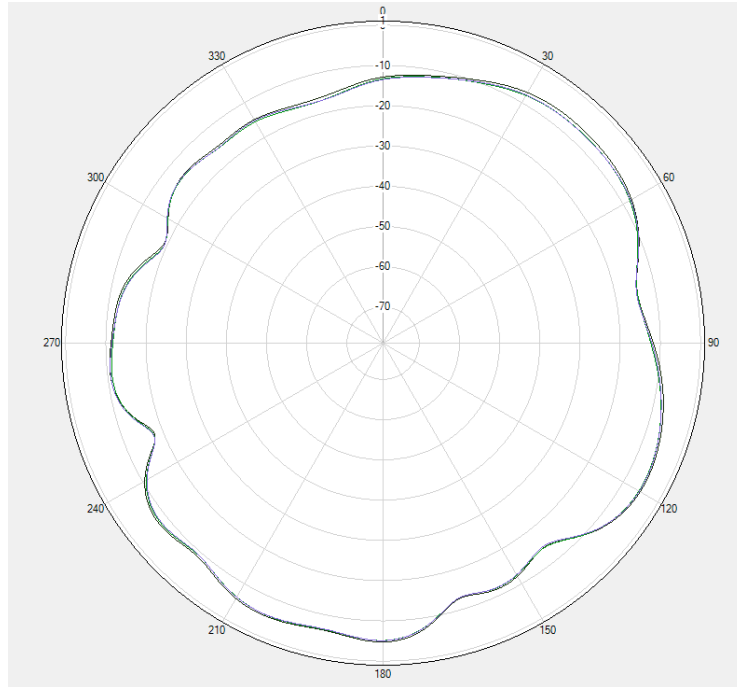
LTE B28  $\Phi=90^\circ$



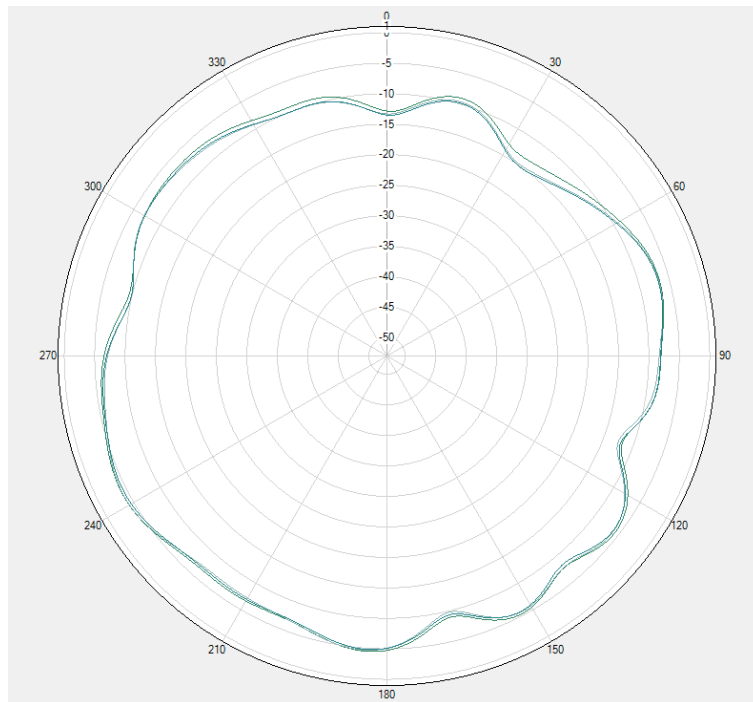
LTE B28  $\Theta=90^\circ$

※ Antenna Gain

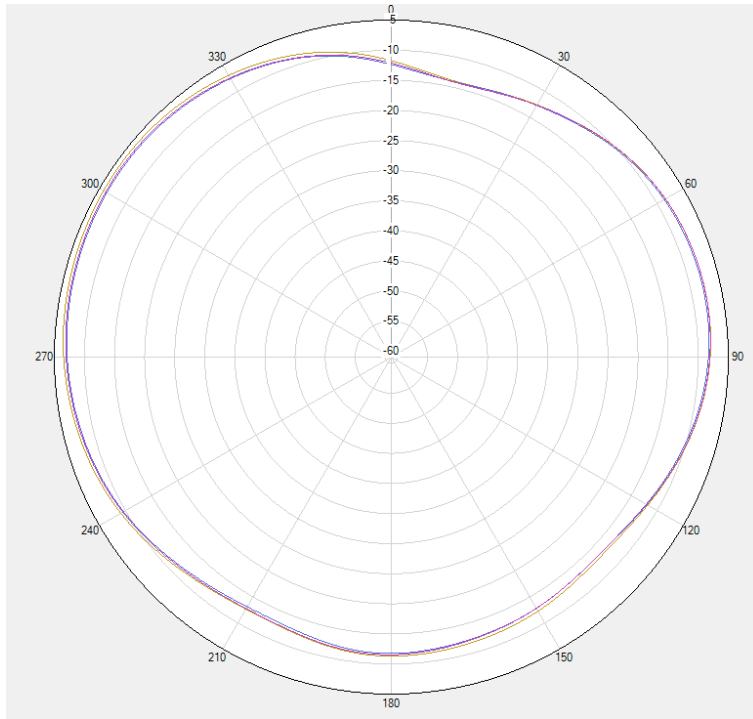
GPS Antenna



GPS  $\Phi = 0^\circ$



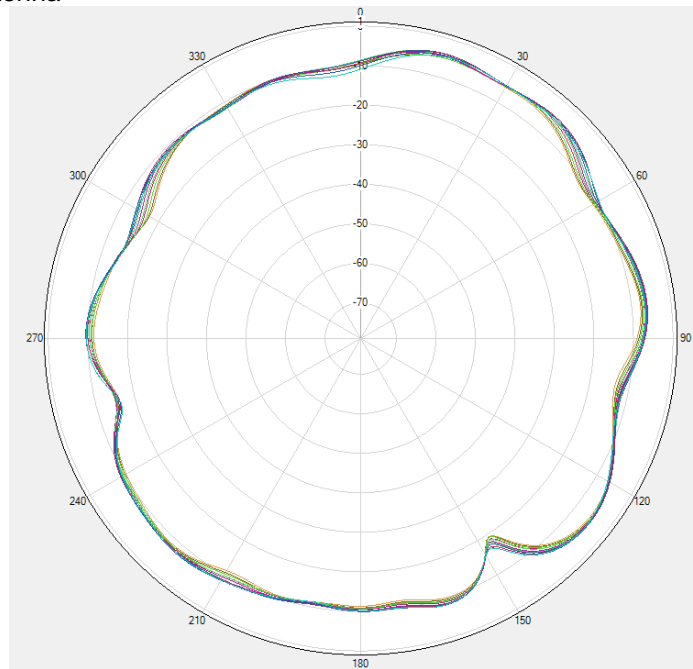
GPS  $\Phi = 90^\circ$



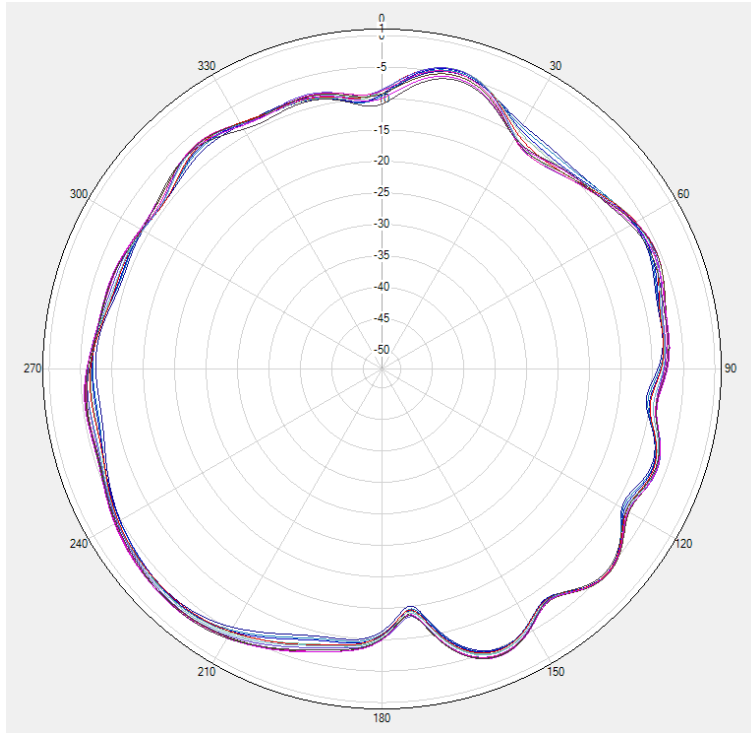
GPS  $\Theta = 90^\circ$

※ Antenna Gain

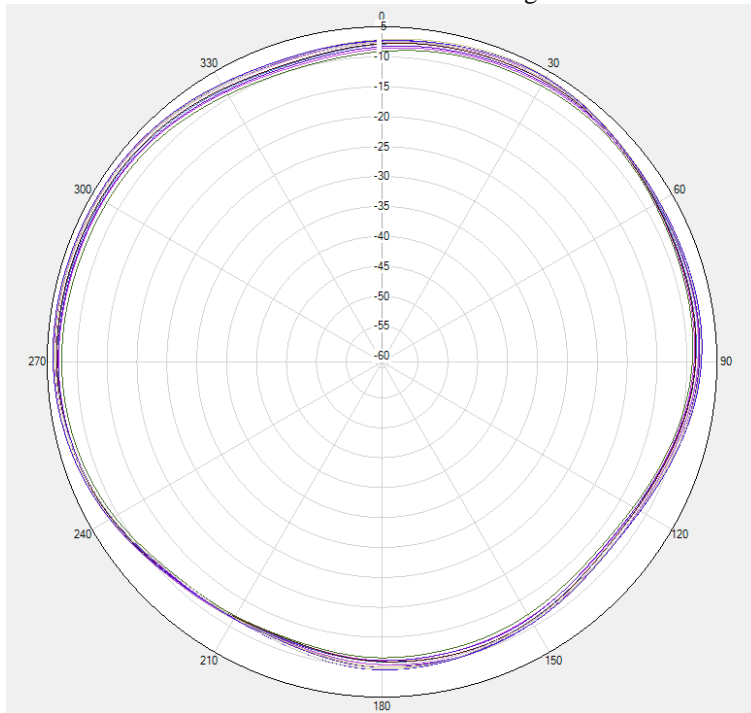
2.4G WIFI&BT Antenna



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

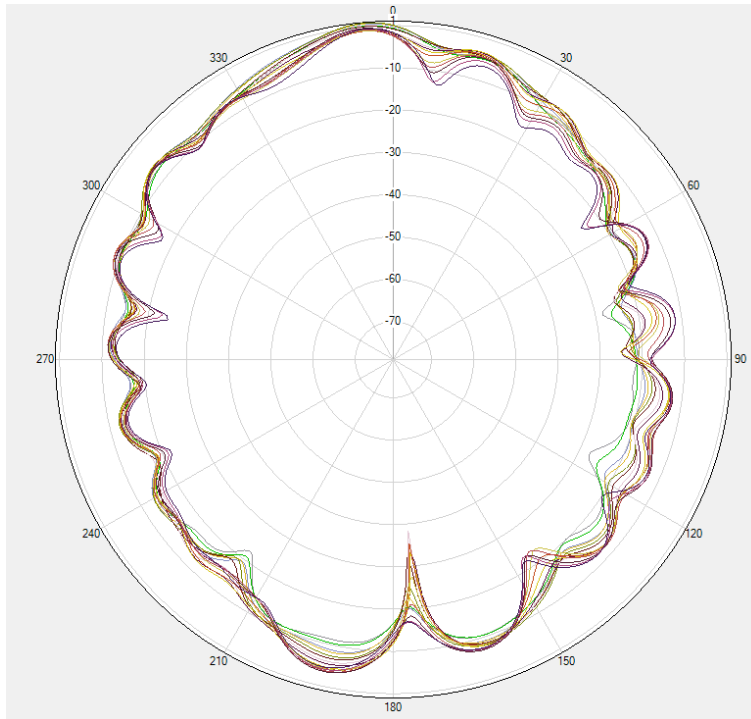


2.4G WIFI&BT  $\Phi=90^\circ$



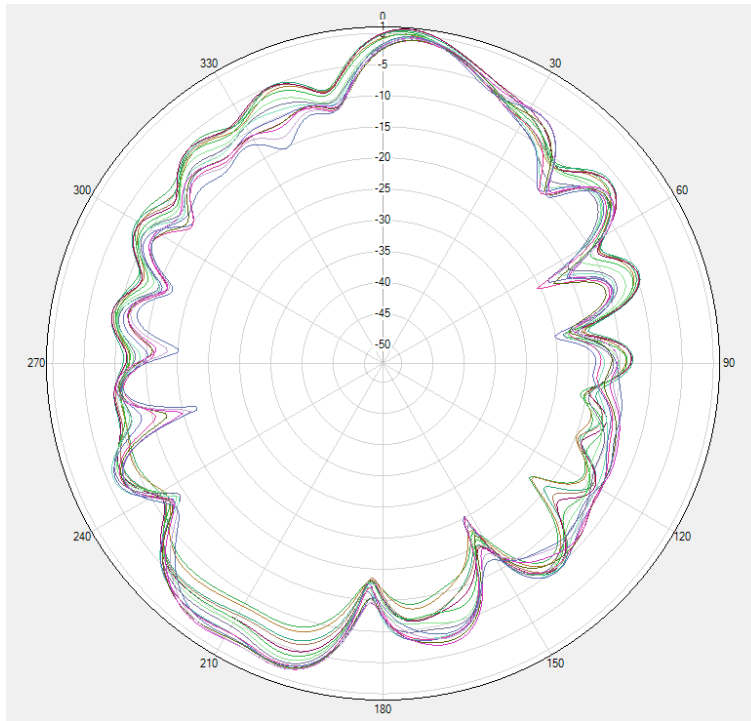
2.4G WIFI&BT  $\Theta=90^\circ$

※ Antenna Gain  
5G WIFI Antenna

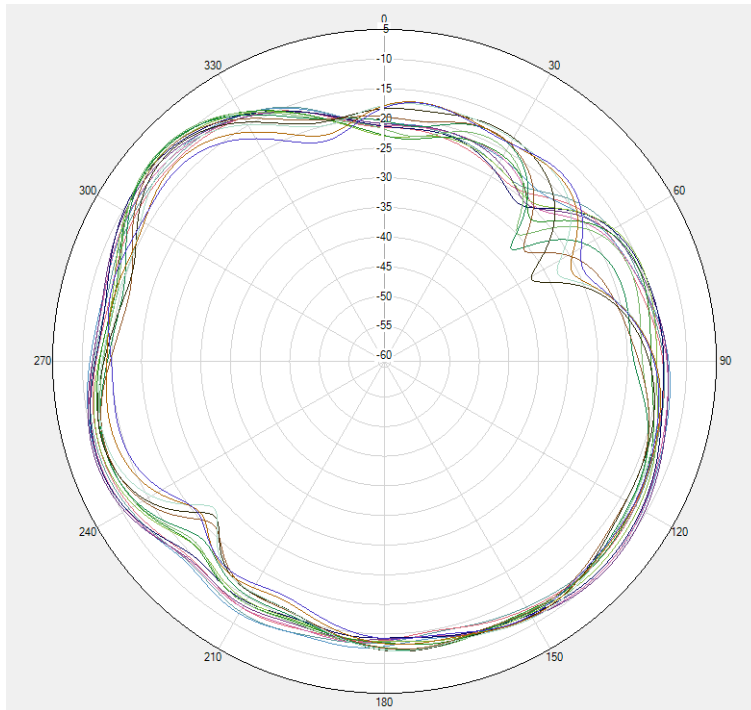


5G WIFI  $\Phi=0^\circ$



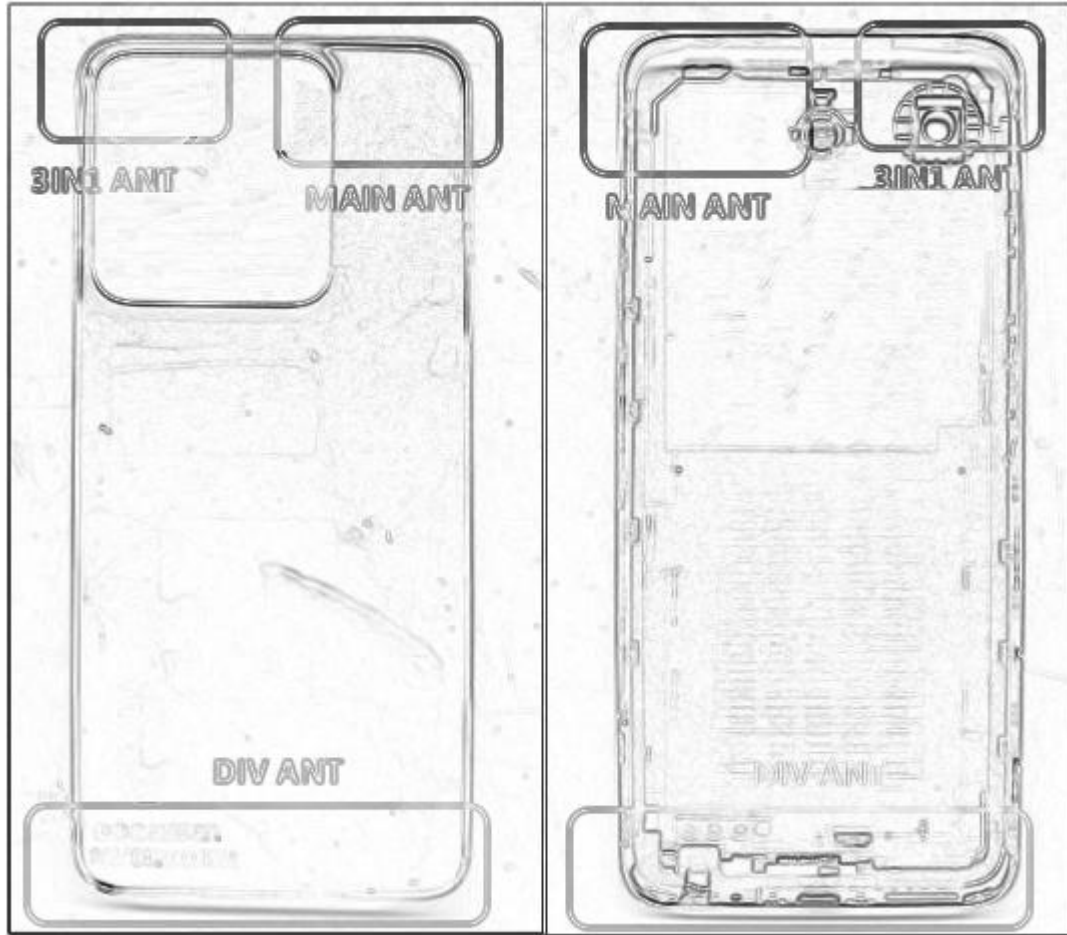


5G WIFI  $\Phi=90^\circ$

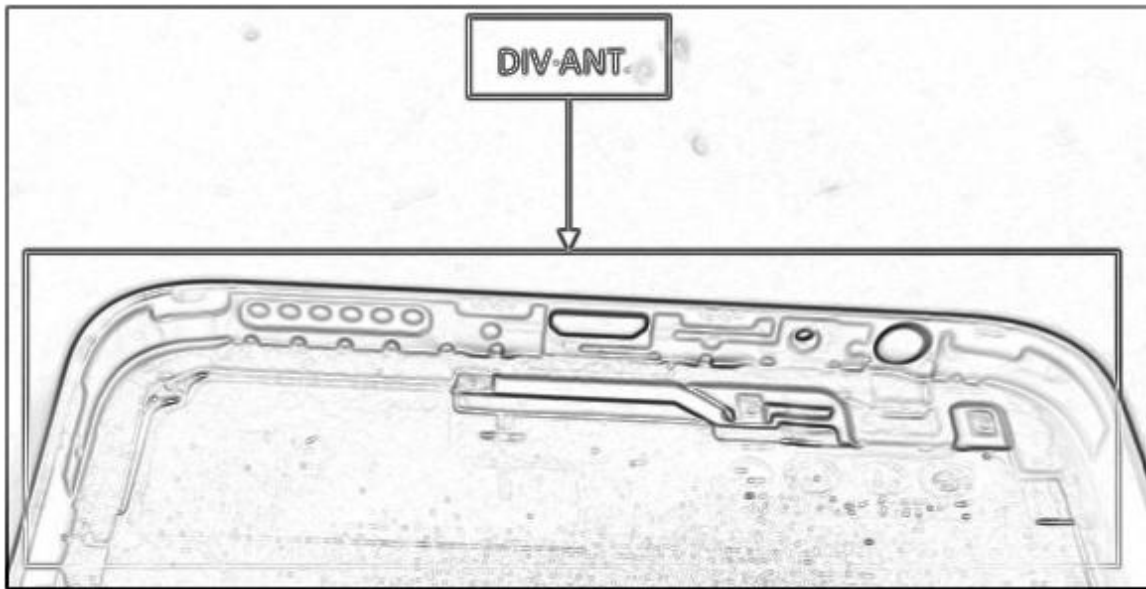
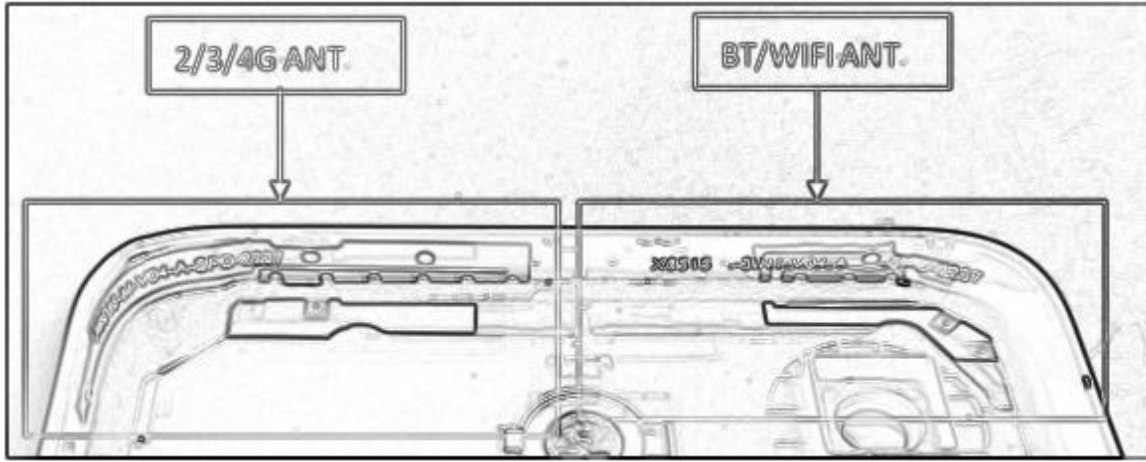


5G WIFI  $\Theta=90^\circ$

Ant Position:



ANT:



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