



Feature

- ※ High gain
- ※ Omni-directional
- ※ Wide bandwidth

Main Antenna

Application

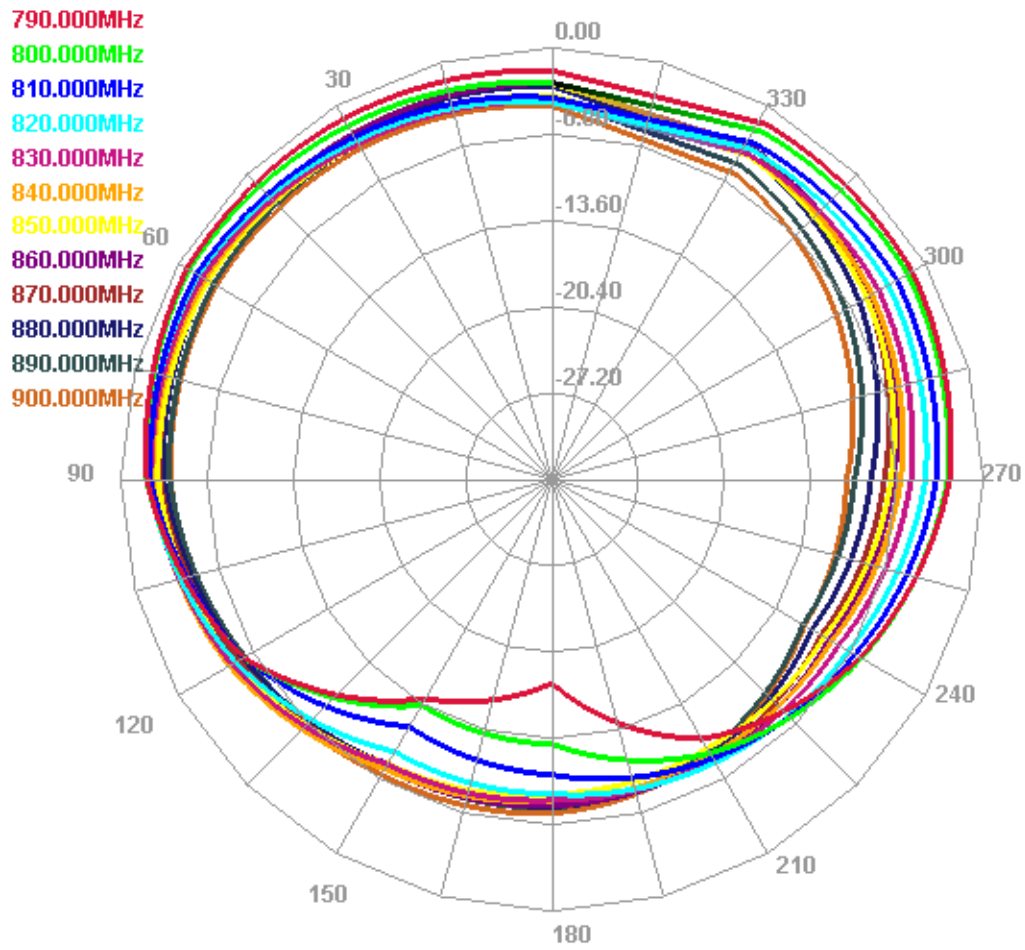
- ※ GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8
- LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41/B66

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
	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/B66: 2110-2155 MHz
	PCS/WCDMA B2/LTE B2/B66:1930-1990MHz
	WCDMA B1/LTE B1: 2110 – 2170MHz
	LTE B7:2620-2690MHz
	LTE B40:2300-2400MHz
	LTE B38/41:2565-2645MHz
	LTE B20:791-821MHz
	B28:758-803MHz
RF-Output Power (E.I.R.P)	GSM850/900: 32+/-2dBm
	DCS/PCS: 30+/-2dBm
	LTE B1/B2/B3/ B4/B7/B8/B20/B28/B38/B40/B41: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE-B5: -1.28
	GSM 900/WCDMA B8/LTE B8: -3.3
	DCS/WCDMA B4/ LTE B3/B4/B66: -0.67
	PCS/WCDMA B2/LTE B2: 0.2
	WCDMA B1/LTE B1: 0.09
	LTE B7/B38/B41: -0.4
	LTE B40: 0.2
	LTE B20:-1.82
	LTE B28:-2.69
3in1 Antenna Gain (Peak Gain)	GPS:1. 13
	WIFI 2.4G:-0. 31
Type of Modulation	

※ Antenna Gain

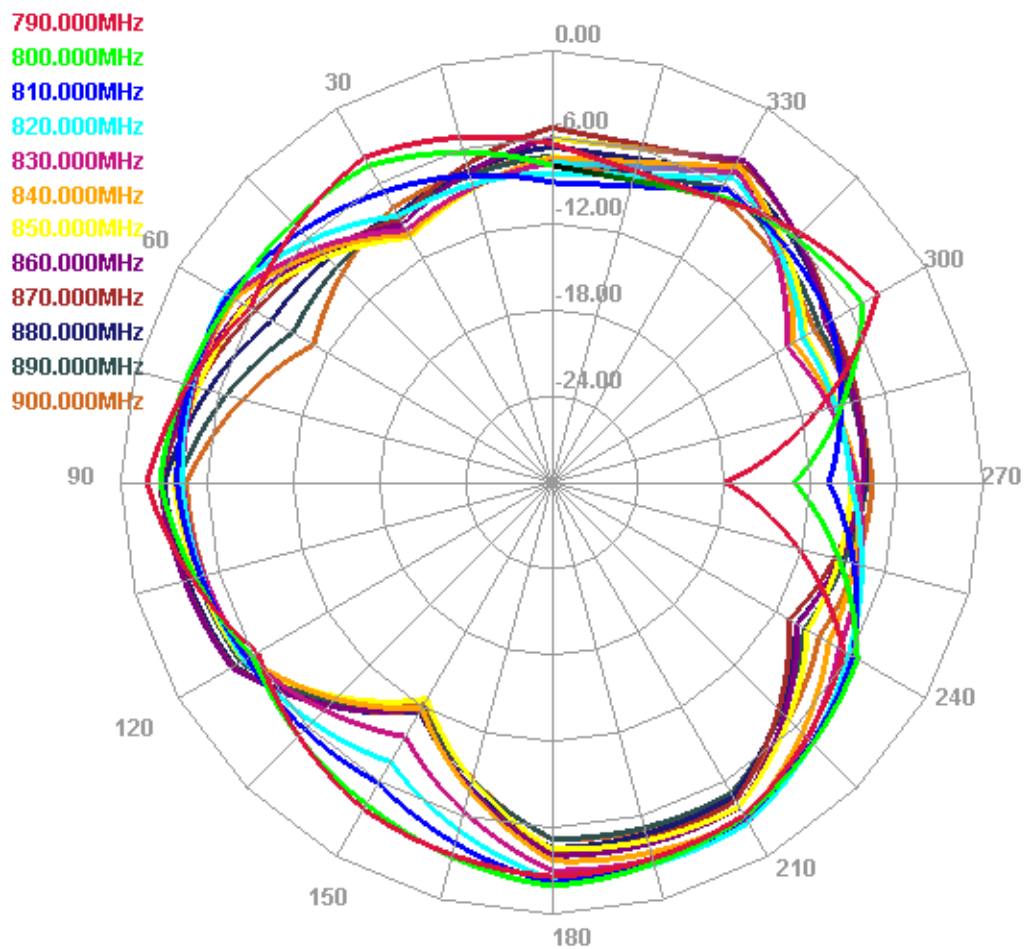
Main Antenna

Horizontal



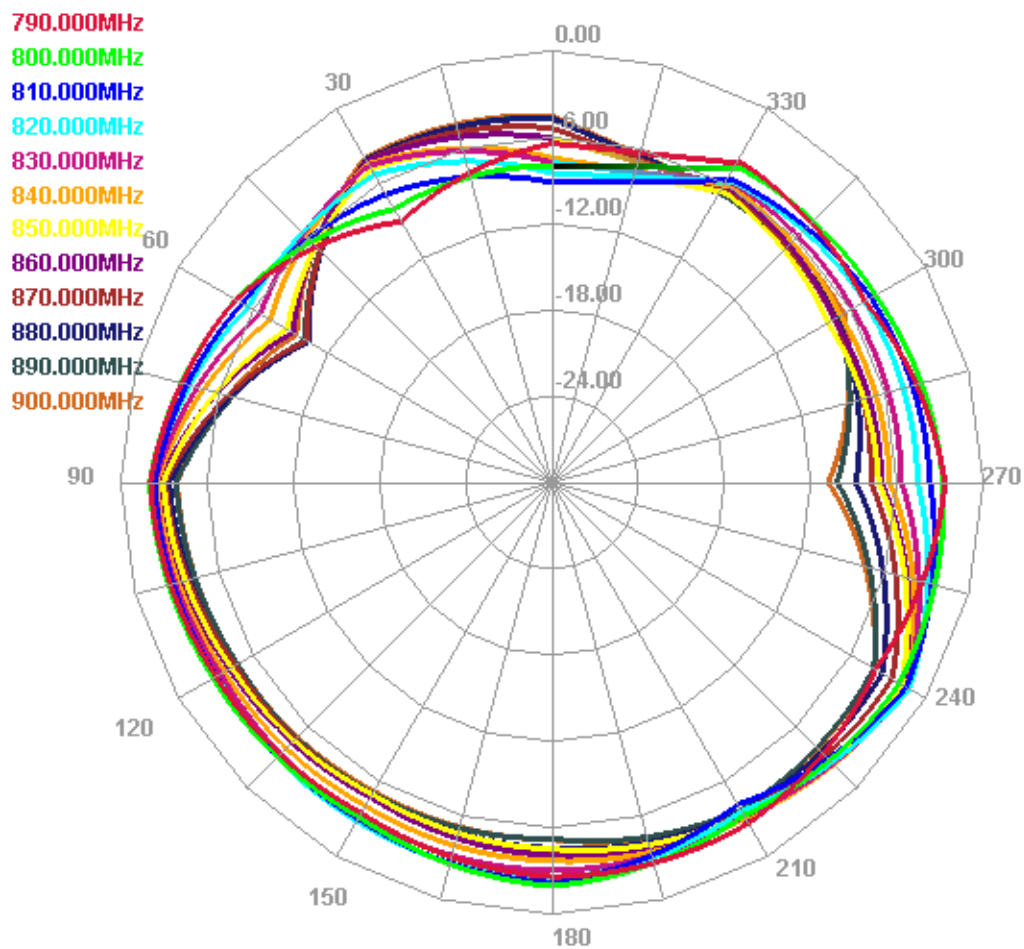
GSM850 / WCDMA B5 / LTE B5/B20 Phi=0deg

E1 Face



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

E2 Face

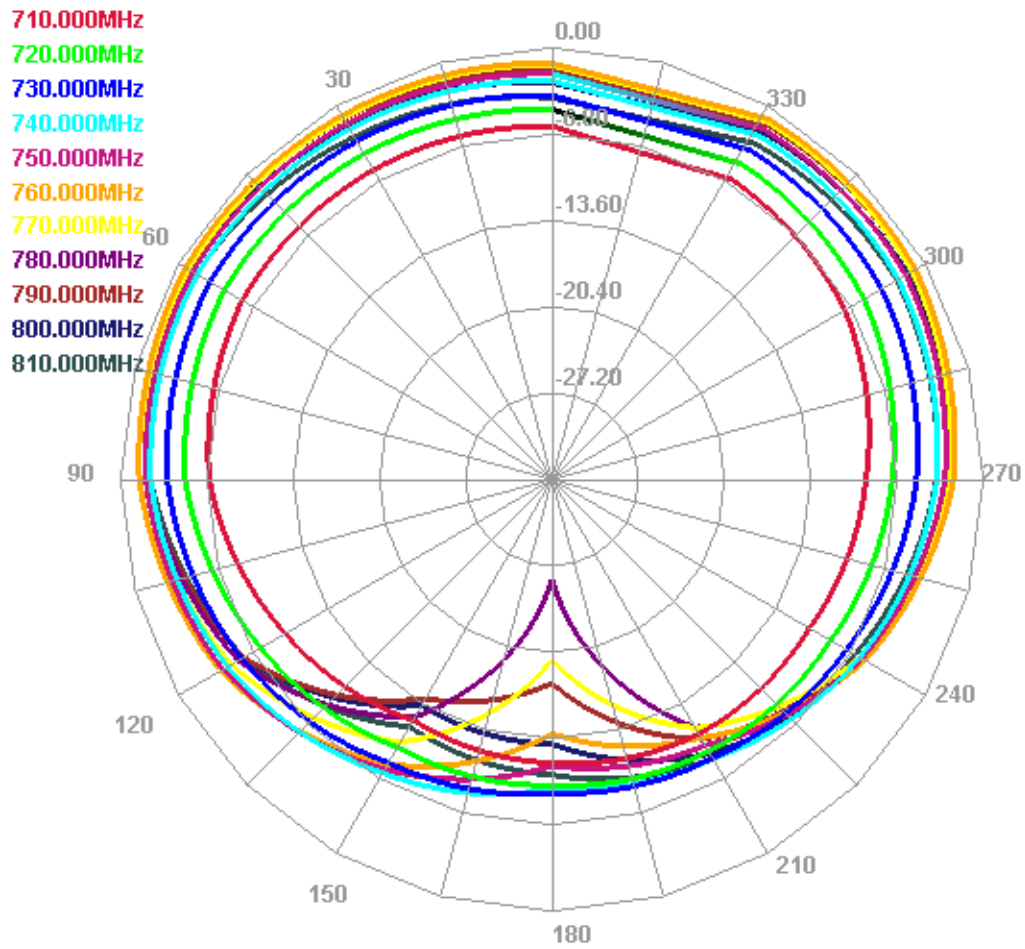


GSM850 /900/ WCDMA B5/B8 / LTE B5/B20 Theta=90deg

※ Antenna Gain

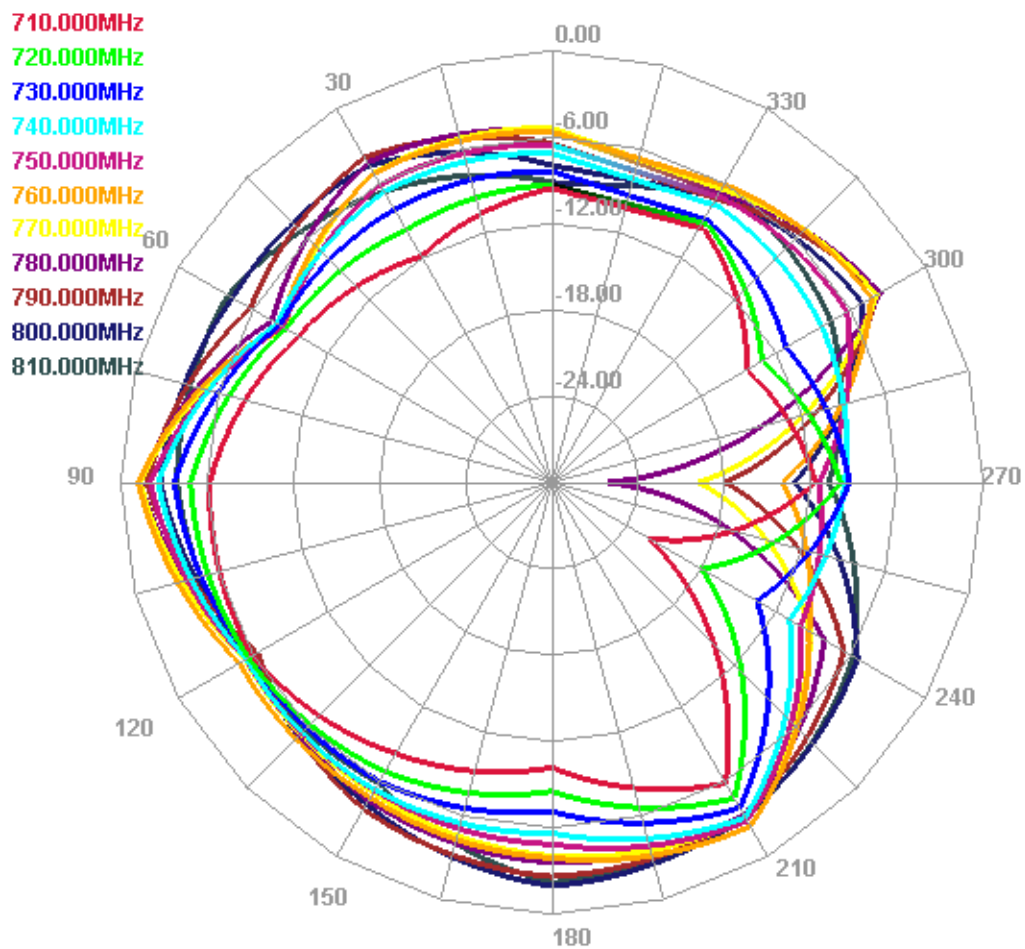
Main Antenna

Horizontal



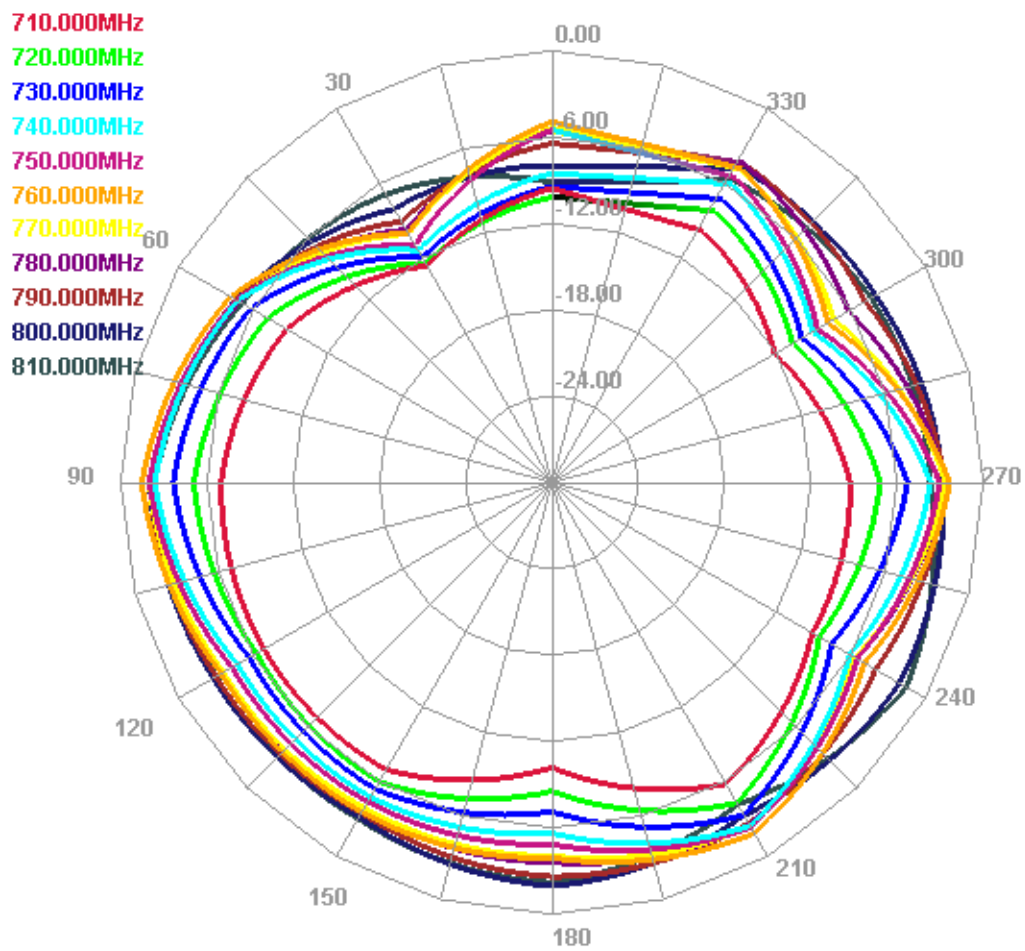
LTE B28 Phi=0deg

E1 Face



LTE B28 Phi=90deg

E2 Face

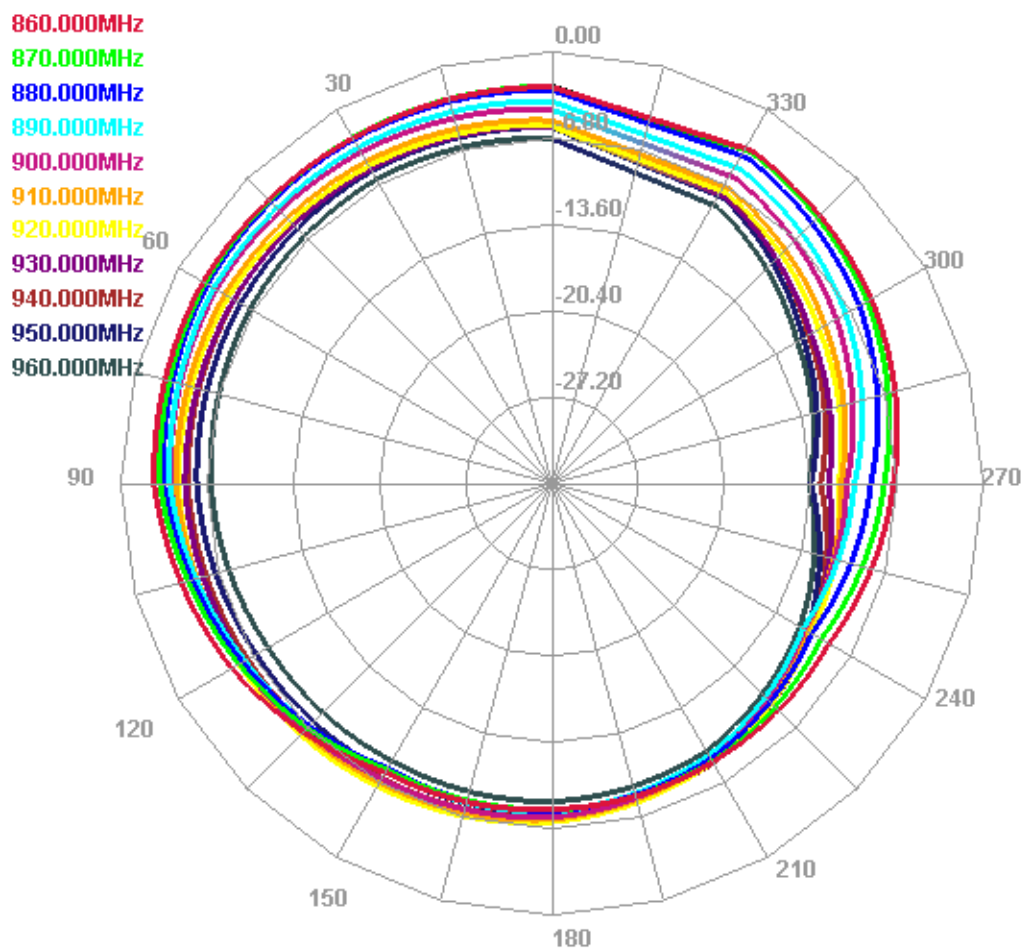


LTE B28 Theta=90deg

※ Antenna Gain

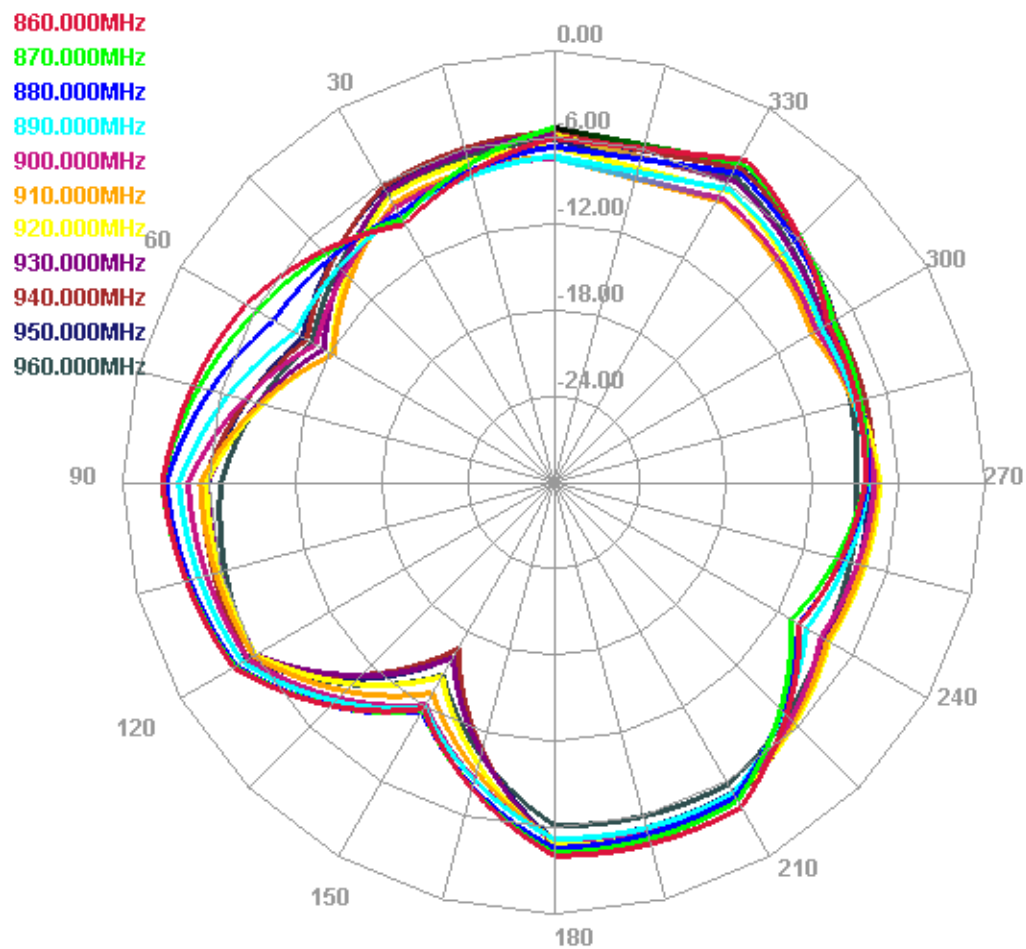
Main Antenna

Horizontal



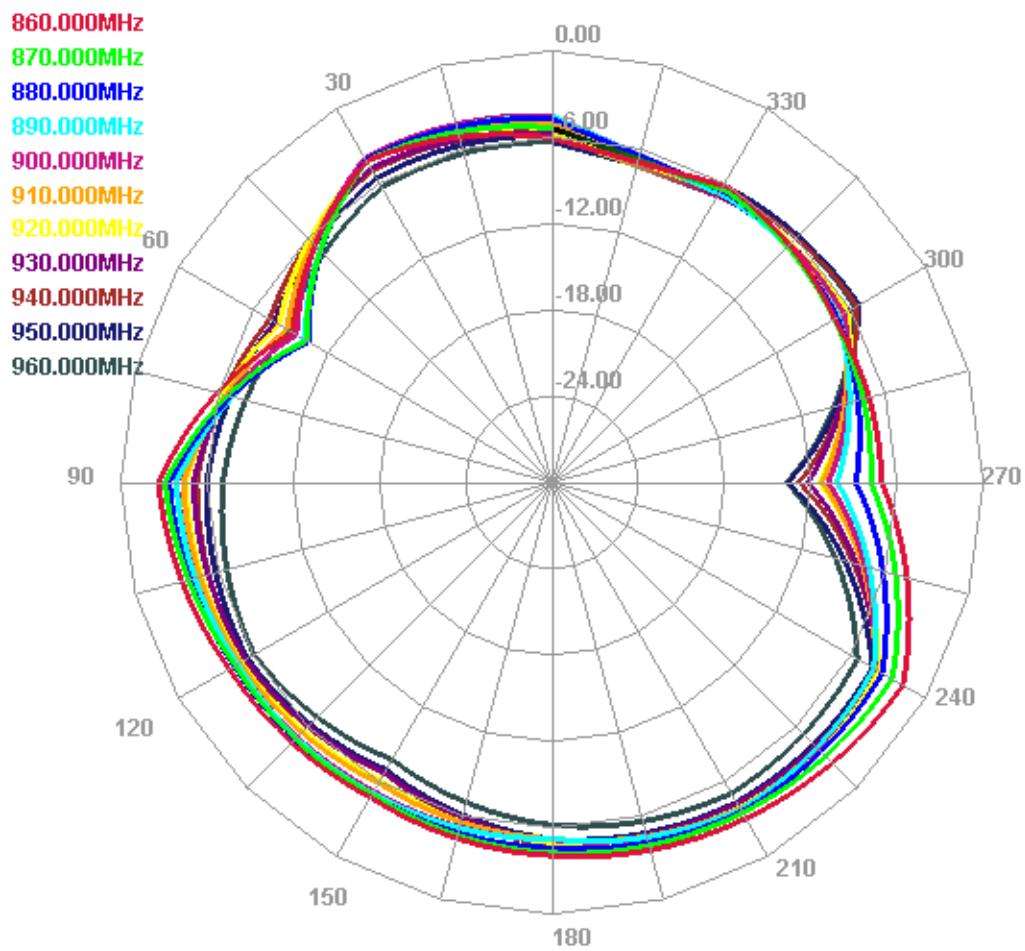
GSM900 / WCDMA B8 / LTE B8 Phi=0deg

E1 Face



GSM900 / WCDMA B8 / LTE B8 Phi=90deg

E2 Face

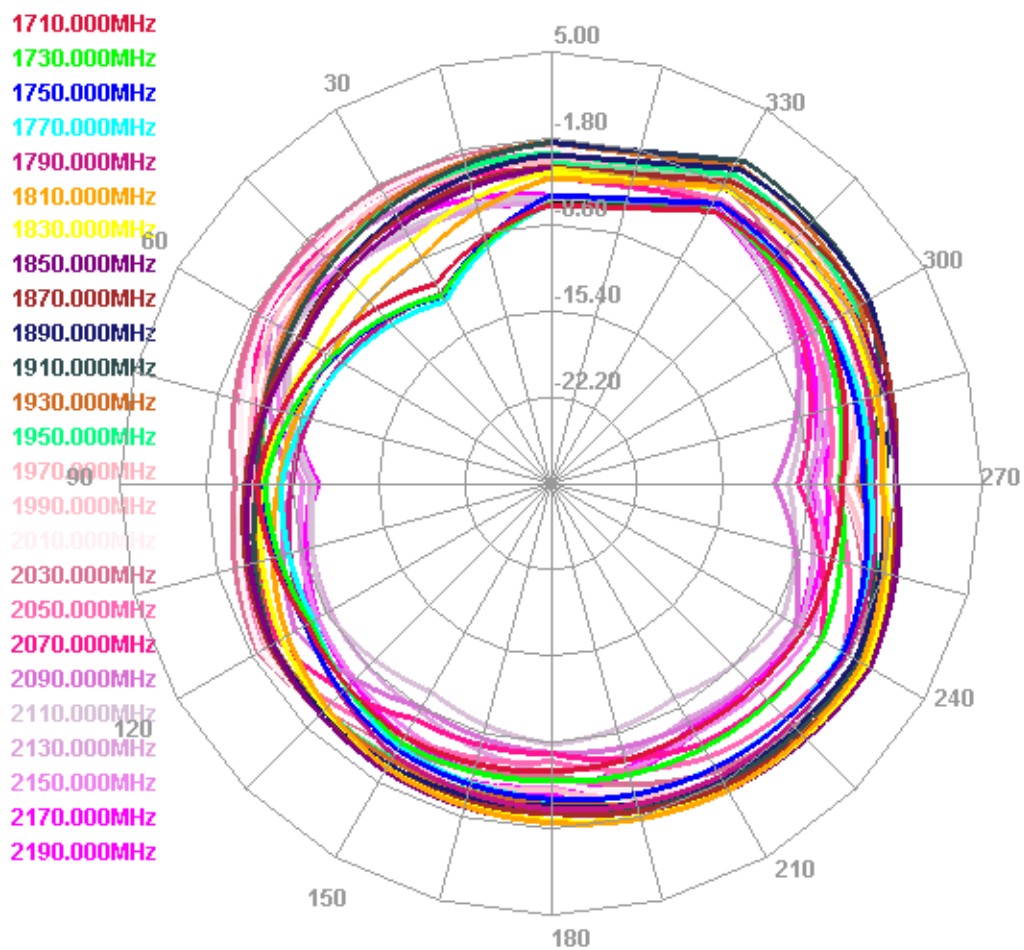


GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

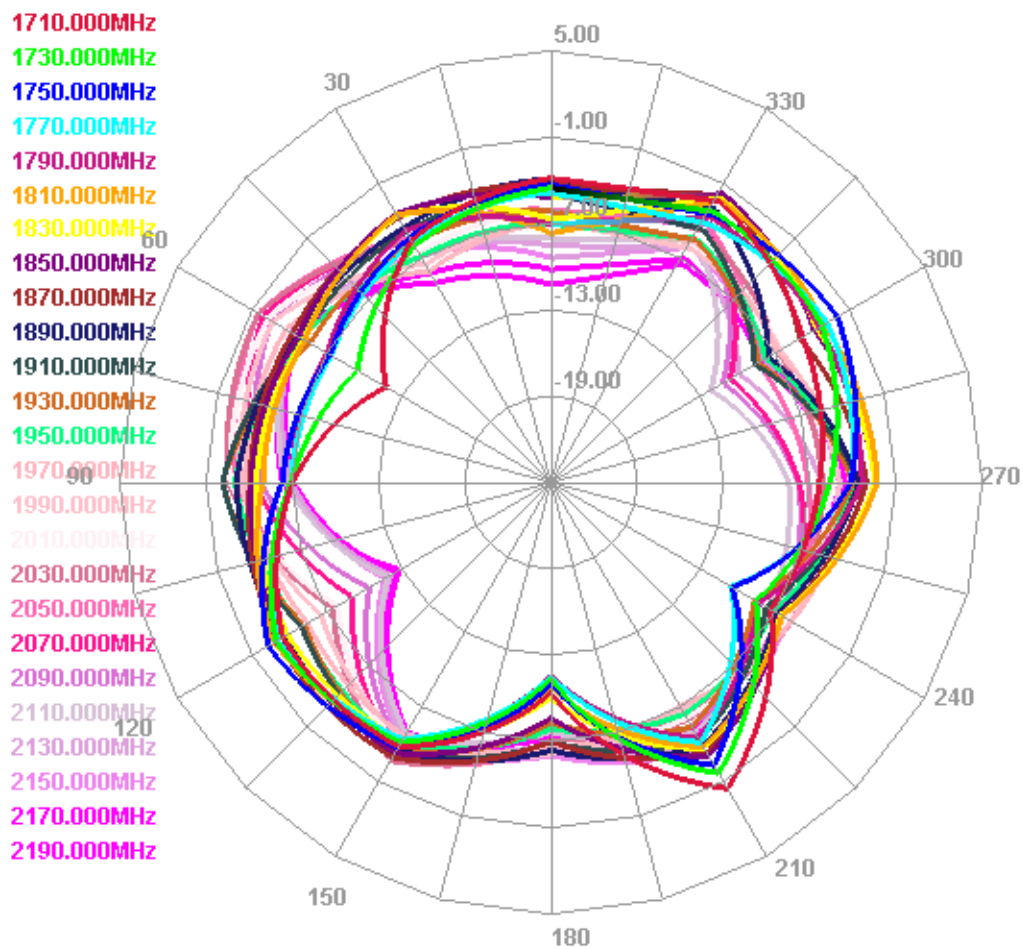
Main Antenna

Horizontal



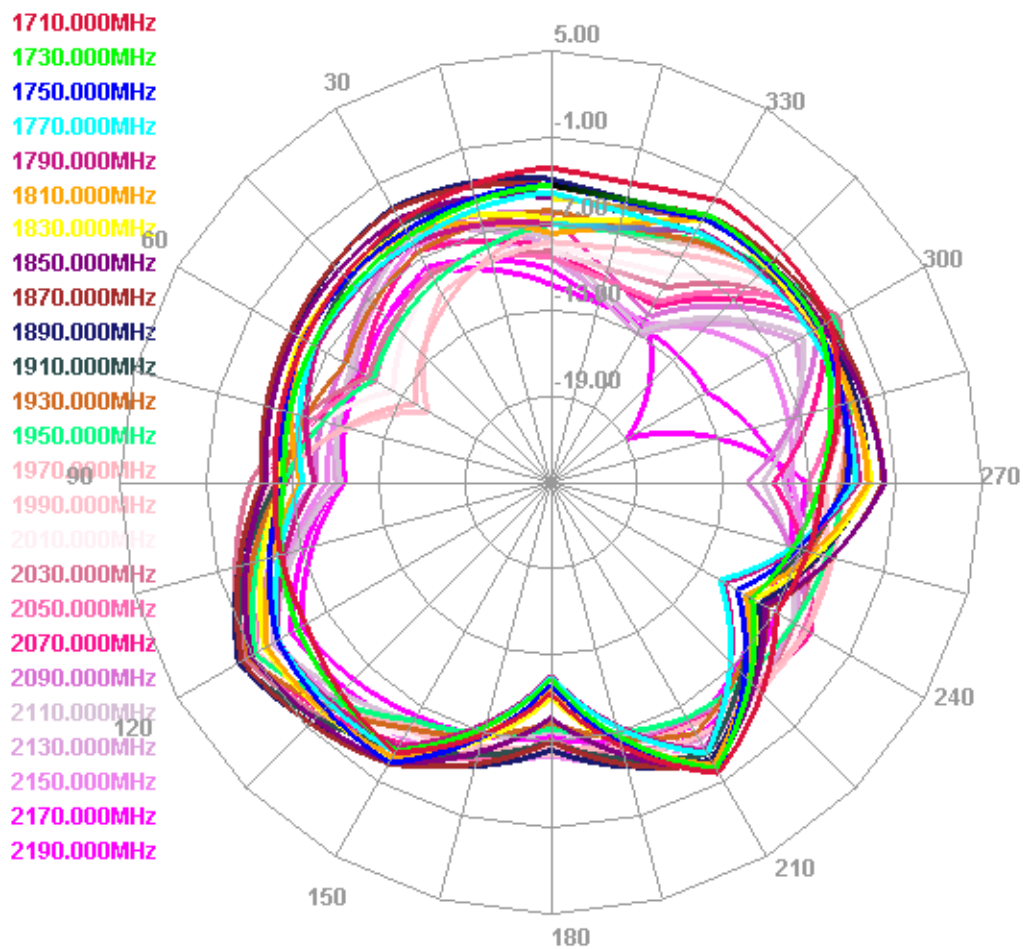
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 Phi=0deg

E1 Face



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

E2 Face

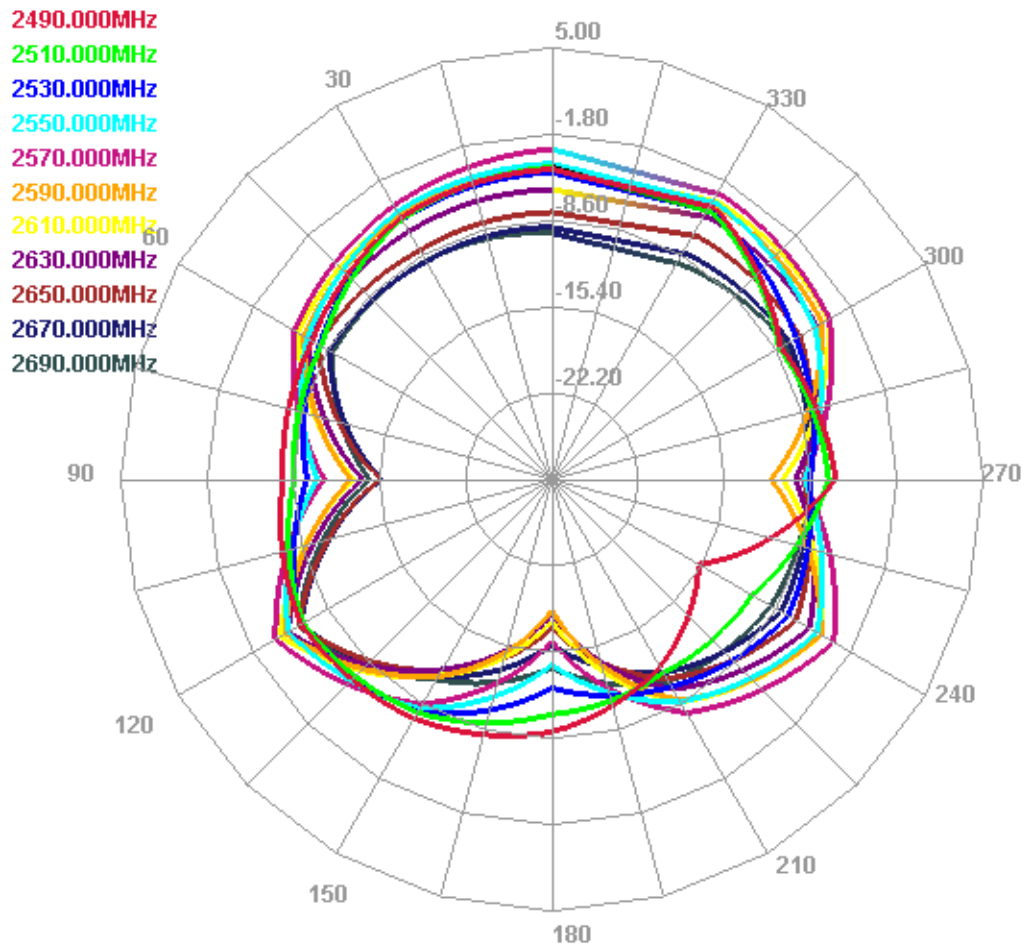


DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4/B66 Theta=90deg

※ Antenna Gain

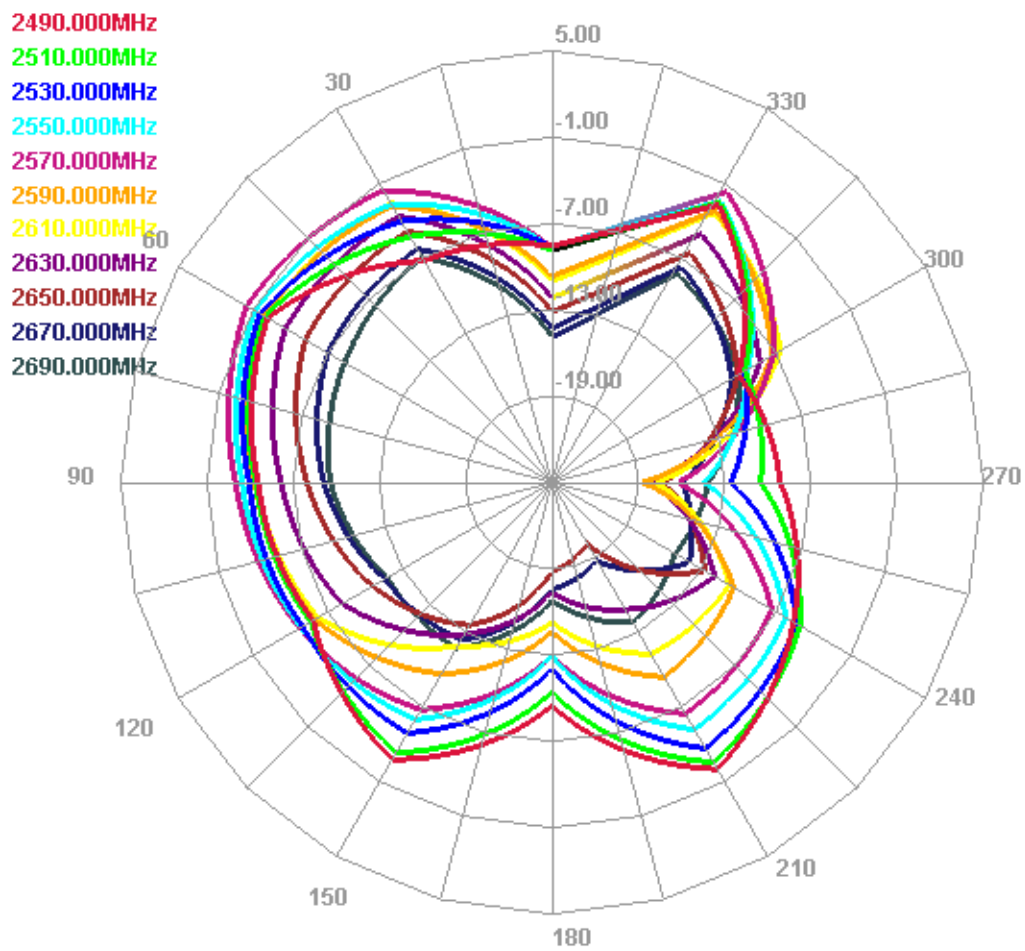
Main Antenna

Horizontal



LTE B7/B38/41 Phi=0deg

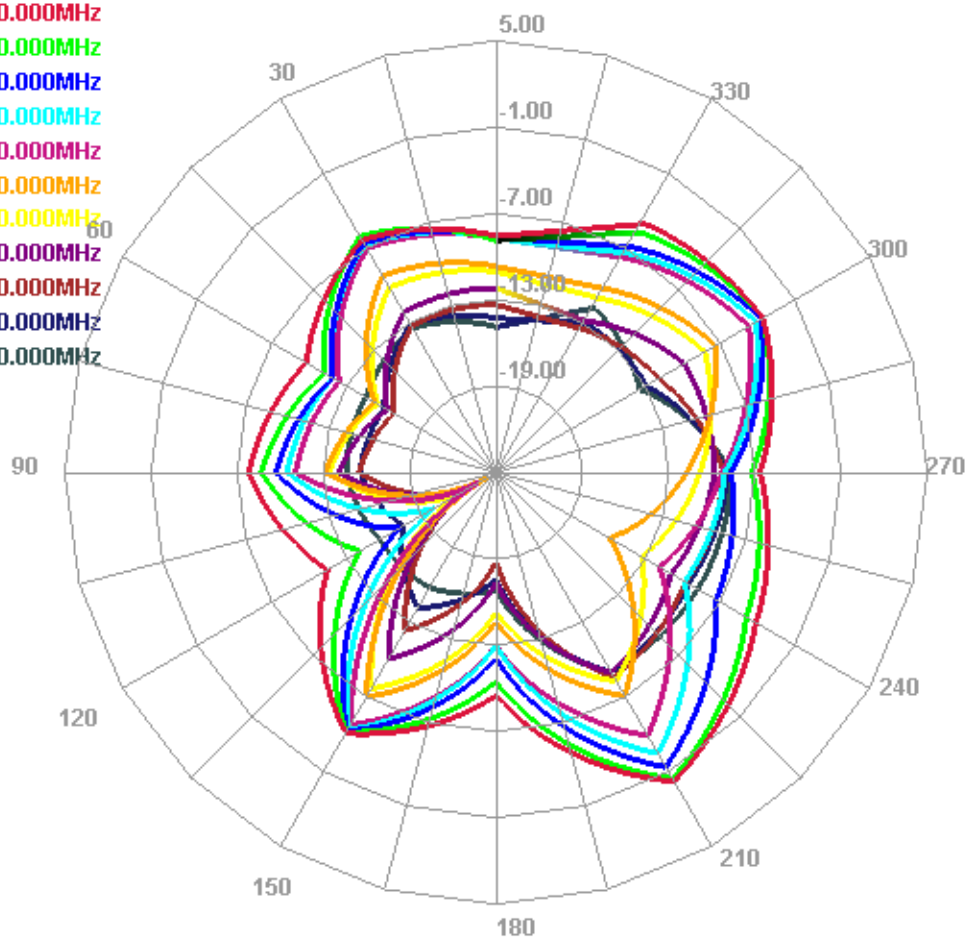
E1 Face



LTE B7/B38/41 Phi=90deg

E2 Face

2490.000MHz
2510.000MHz
2530.000MHz
2550.000MHz
2570.000MHz
2590.000MHz
2610.000MHz
2630.000MHz
2650.000MHz
2670.000MHz
2690.000MHz

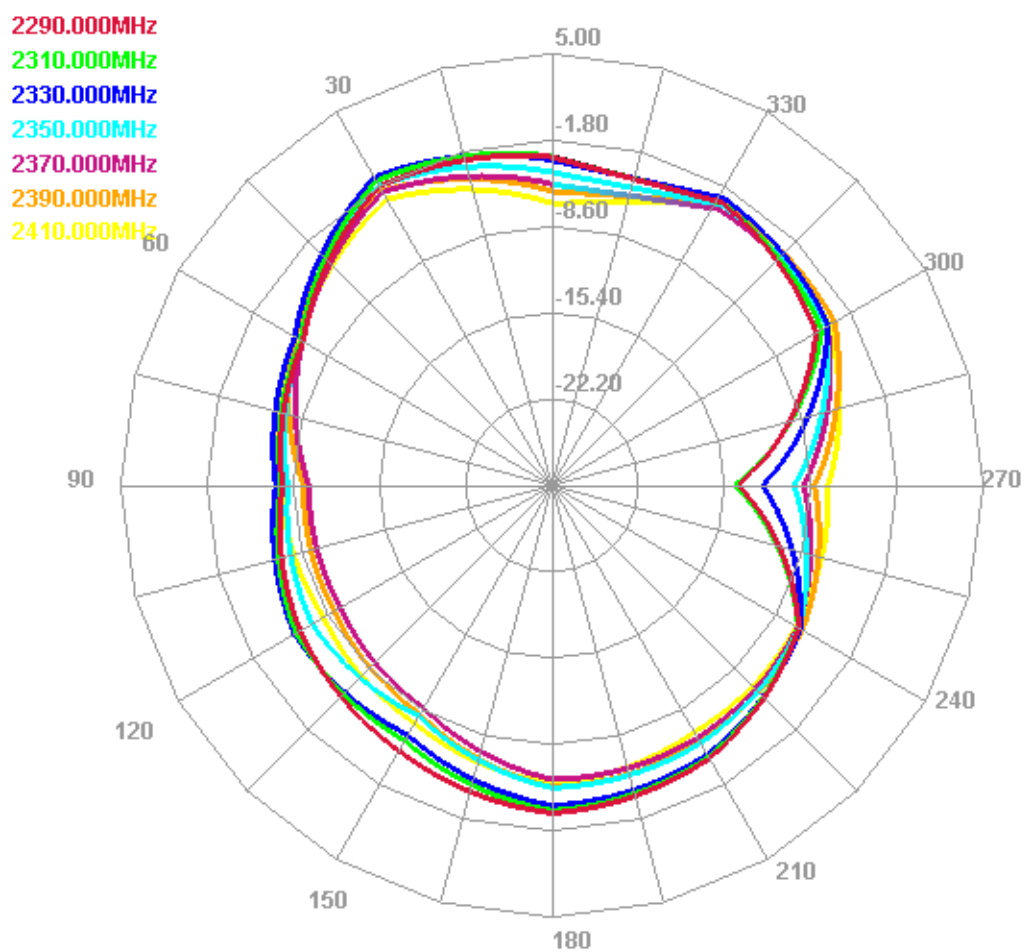


LTE B7/B38/41 Theta=90deg

※ Antenna Gain

Main Antenna

Horizontal



LTE B40 $\Phi=0^\circ$

E1 Face

2290.000MHz

2310.000MHz

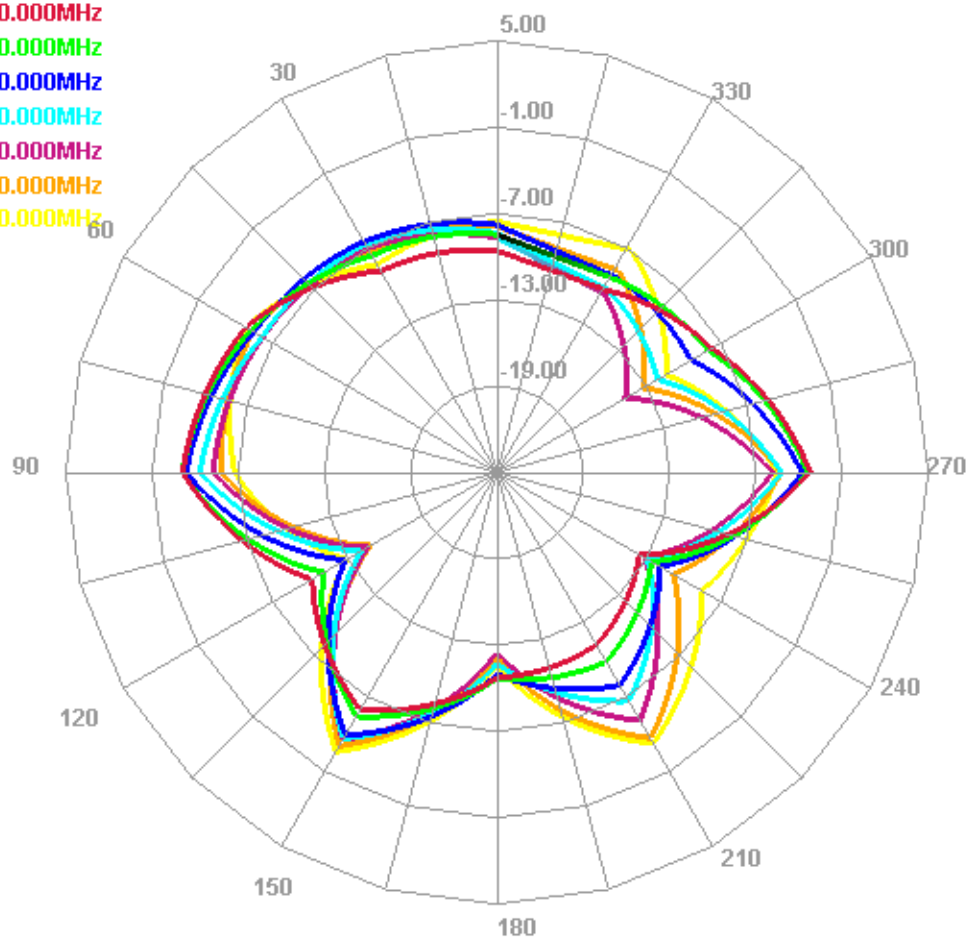
2330.000MHz

2350.000MHz

2370.000MHz

2390.000MHz

2410.000MHz



LTE B40 Phi=90deg

E2 Face

2290.000MHz

2310.000MHz

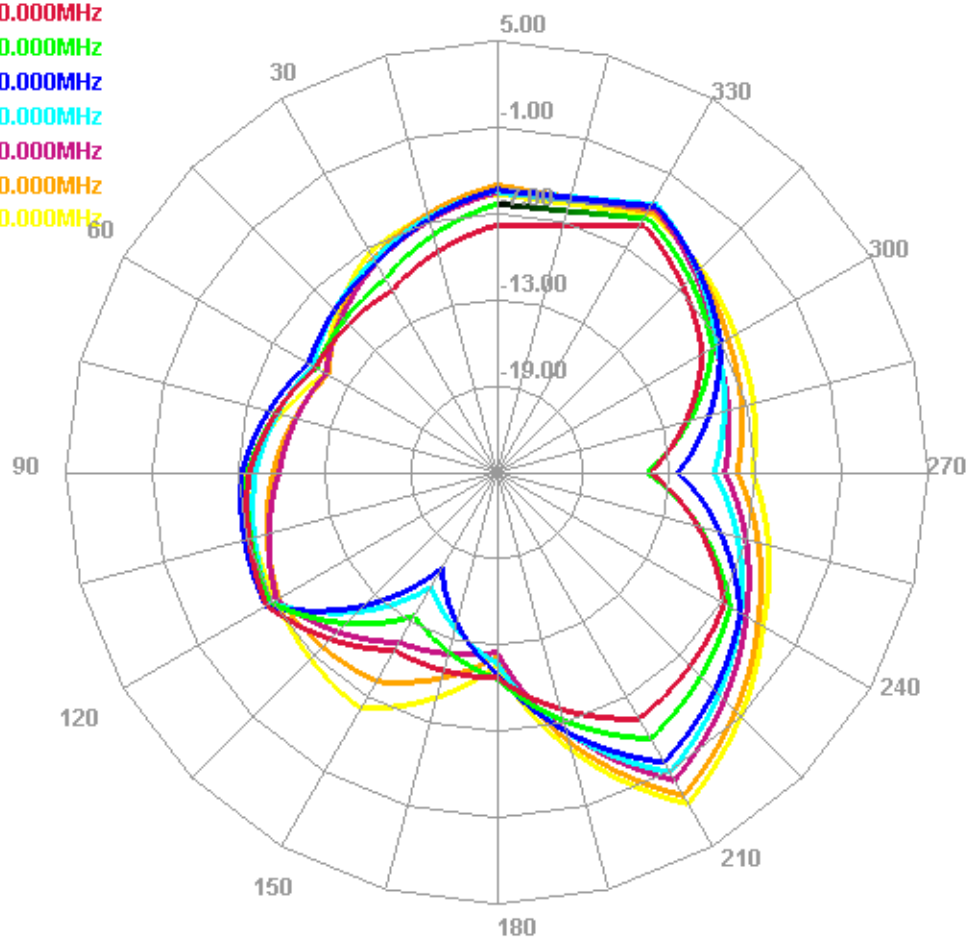
2330.000MHz

2350.000MHz

2370.000MHz

2390.000MHz

2410.000MHz

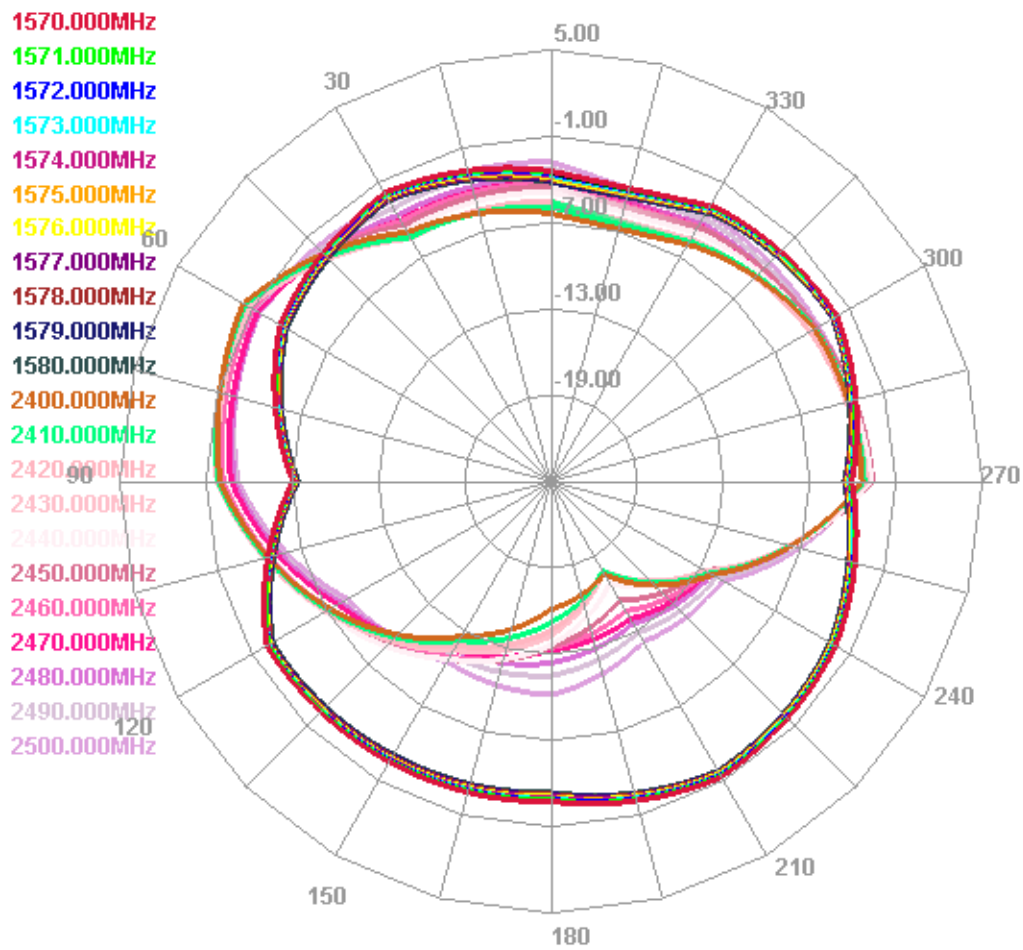


LTE B40 Theta=90deg

※ Antenna Gain

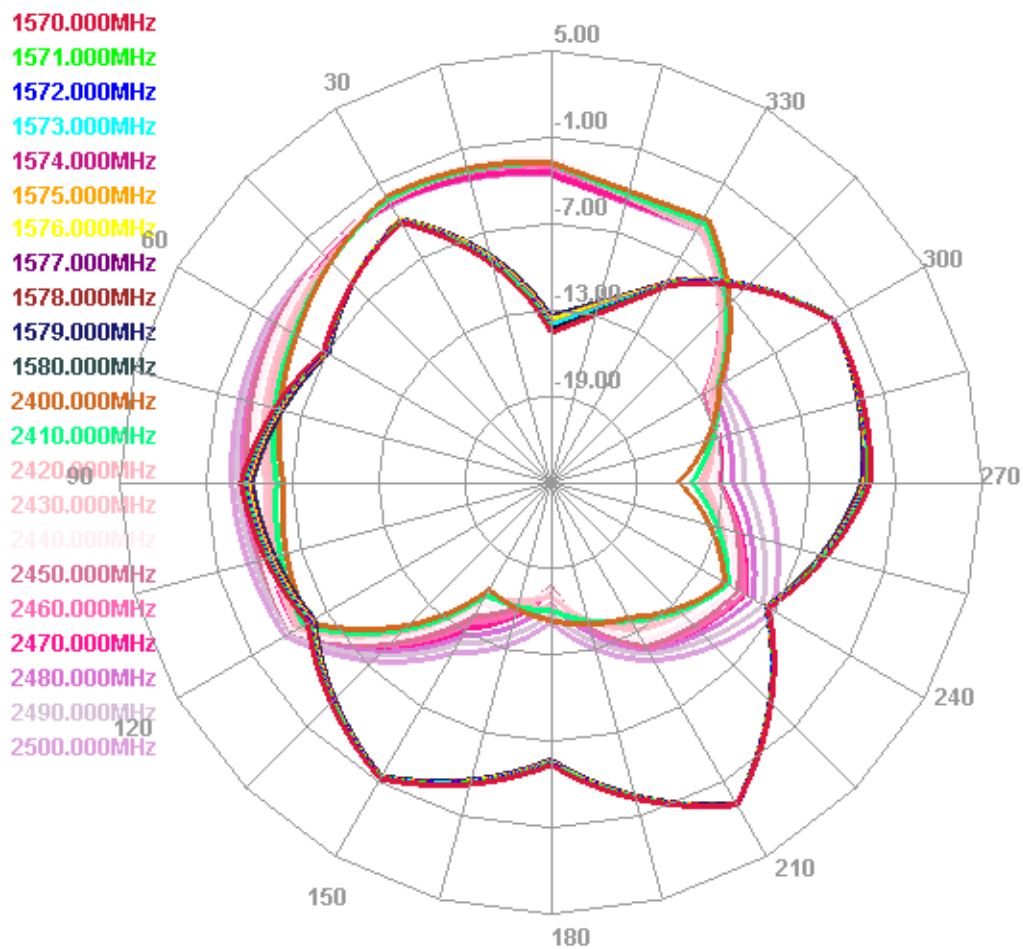
3in1 Antenna

Horizontal



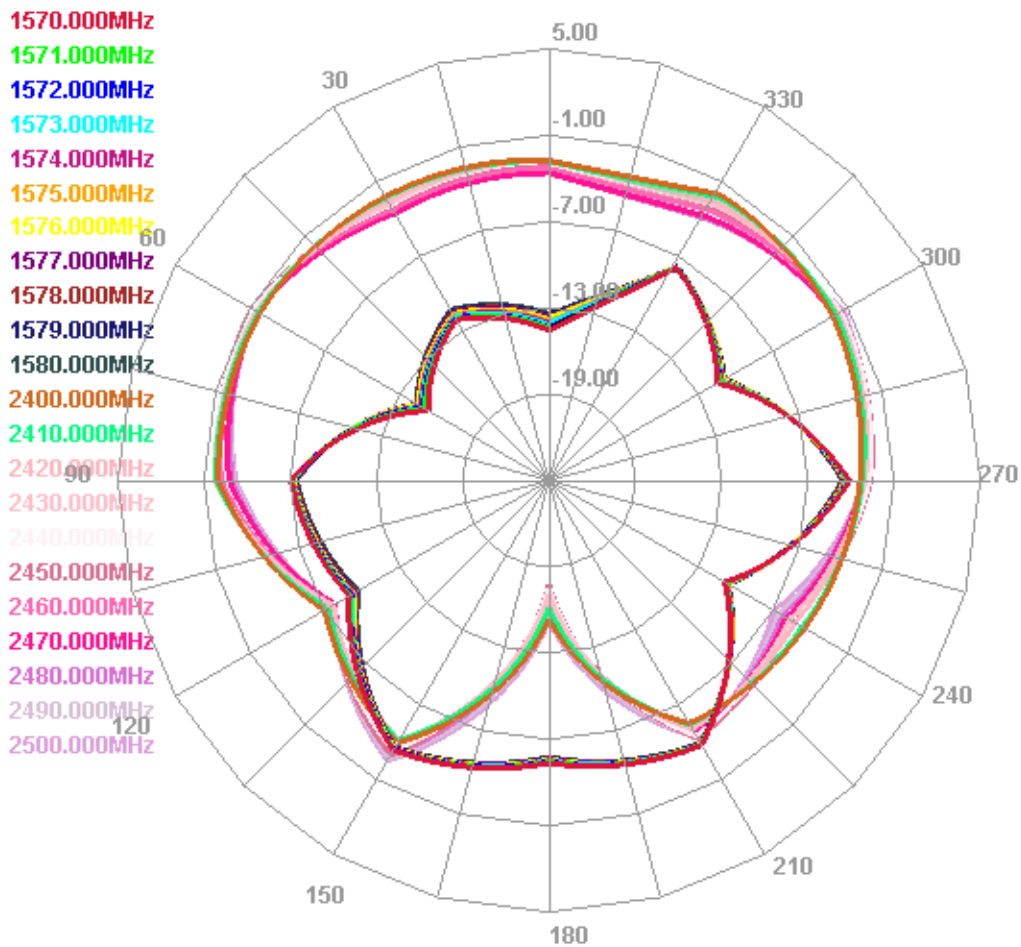
GPS&2.4G WIFI&BT Phi=0deg

E1 Face



GPS&2.4G WIFI&BT Phi=90deg

E2 Face



GPS&2.4G WIFI&BT Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023.11

Factory:Shanghai Amphenol Airwave Communication Electronics Co., Ltd
Address: No. 689, Shennan Road, Minhang District, Shanghai