



Feature

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

Main Antenna

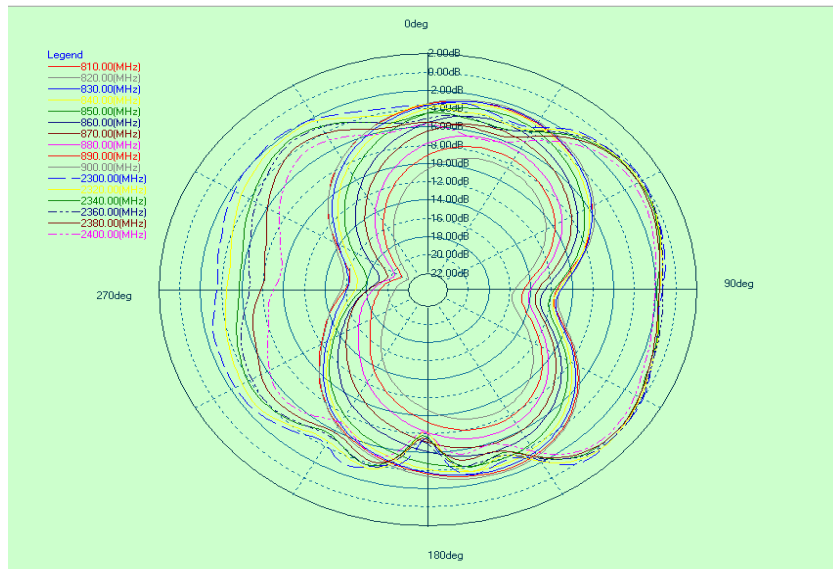
Application

※ GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5
LTE B2/B3/B4/B5/B7/B12/B13/B17/B28/B38/B41/B66 communication applications

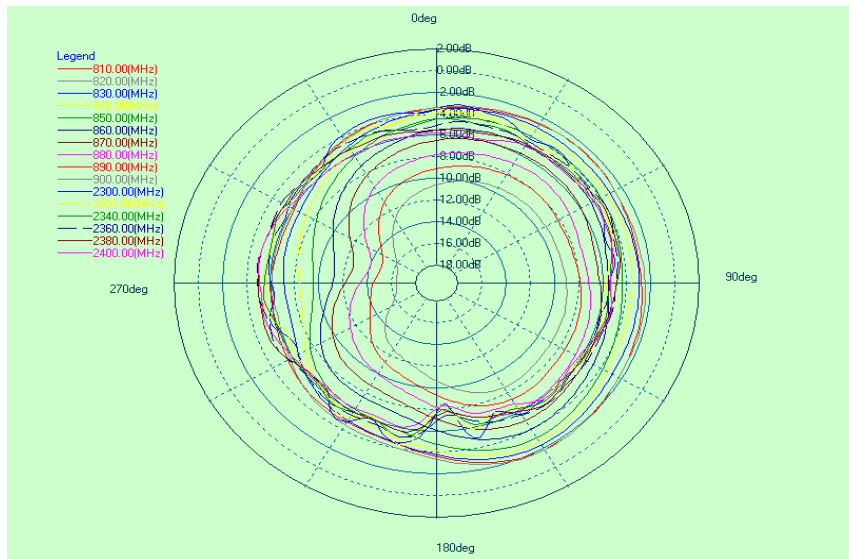
TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5: 824 - 849 MHz
	GSM 900: 880 - 915 MHz
	DCS /WCDMA B4/LTE B3/B4/B66: 1710 - 1785 MHz
	PCS/WCDMA B2/LTE B2:1850-1910MHz
	WCDMA B1: 1920 - 1980MHz
	LTE B7:2496-2565MHz
	LTE B38/B41:2565-2645MHz
	LTE B12/B13/B17/B28:710-755MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5: 869 - 894 MHz
	GSM 900: 925 - 960 MHz
	DCS/LTE B3: 1805 - 1880 MHz
	WCDMA 4/LTE B4/B66: 2110-2155 MHz
	PCS/WCDMA B2/LTE B2:1930-1990MHz
	WCDMA B1: 2110 - 2170MHz
	LTE B7:2620-2690MHz
	LTE B38/41:2565-2645MHz
RF-Output Power (E.I.R.P)	LTE B12/B13/B17/B28:758-790MHz
	GSM850/900: 32+/-2dBm
	DCS/PCS: 30+/-2dBm
	LTE B2/B3/ B4/B5 /B7/B12/B13/B17/B28/B38/B41/B66: 23+/-2dBm
Main Antenna Gain (Peak Gain)	WCDMA B1/B2/B4/B5: 23+/-2dBm
	GSM 850/WCDMA B5/LTE B5: -1.6
	GSM 900: -1.4
	DCS/WCDMA B4/ LTE B3/B4/B66: -0.7
	PCS/WCDMA B2/LTE B2: -0.5
	WCDMA B1: -0.5
	LTE B7/B38/B41: -0.4
LTE B12/B13/B17/B28:-1.9	
3in1 Antenna Gain (Peak Gain)	GPS:0.65
	WIFI 2.4G: 1.2
Type of Modulation	

※ Antenna Gain

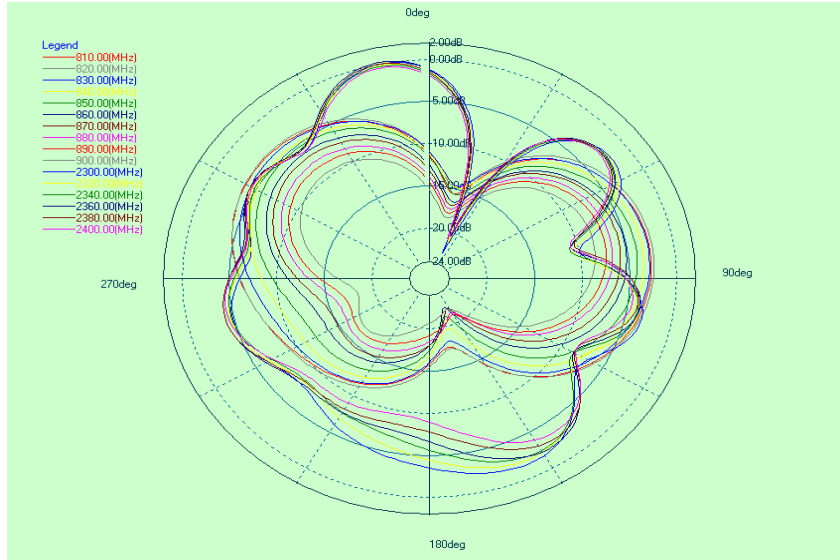
Main Antenna



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



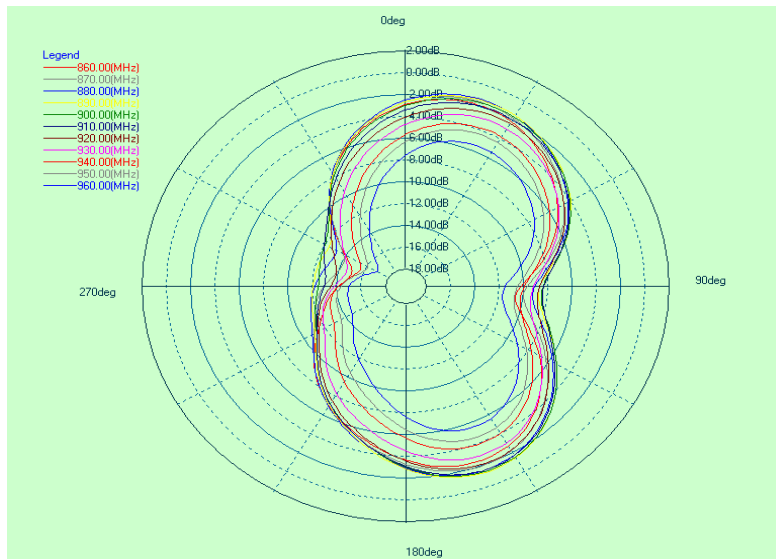
GSM850 / WCDMA B5 / LTE B5/B20 Phi=90deg



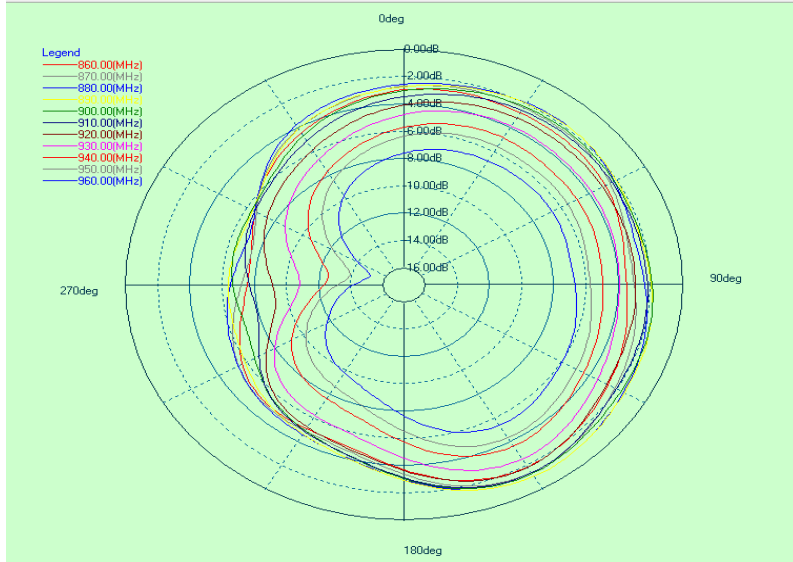
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

✧ Antenna Gain

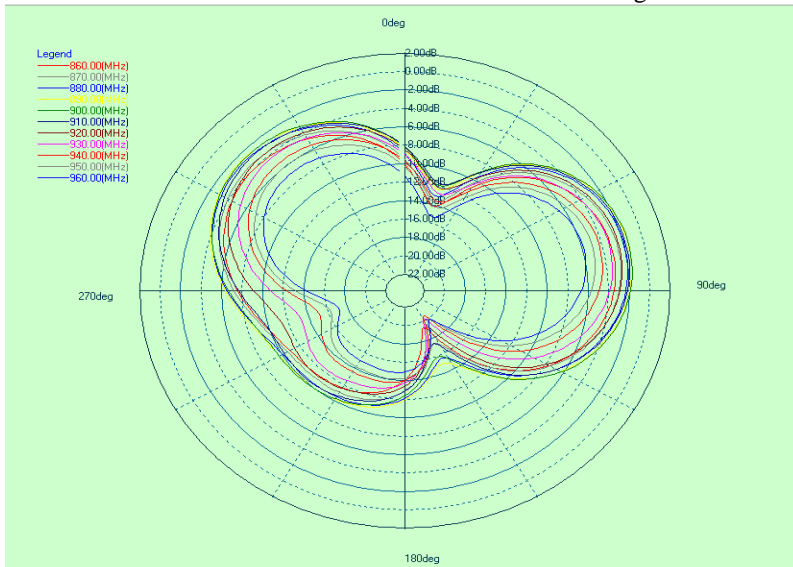
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



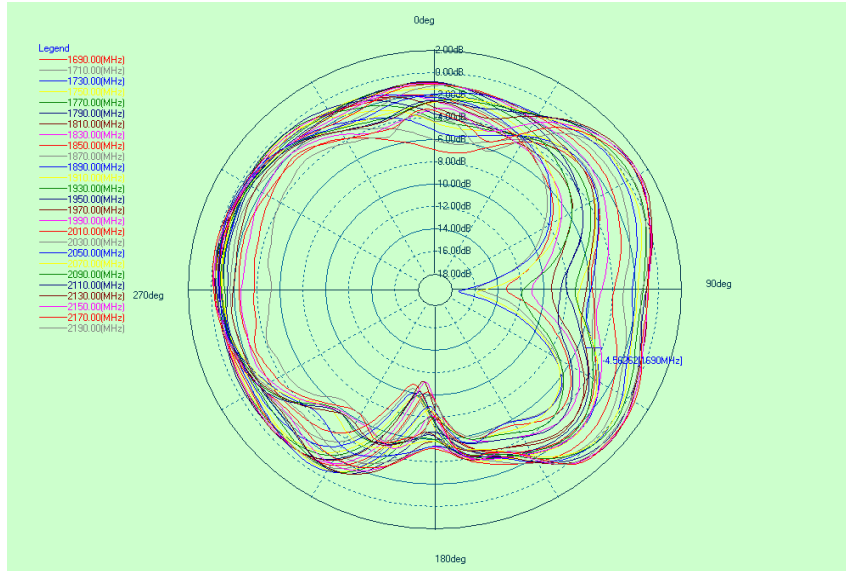
GSM900 / WCDMA B8 / LTE B8 Phi=90deg



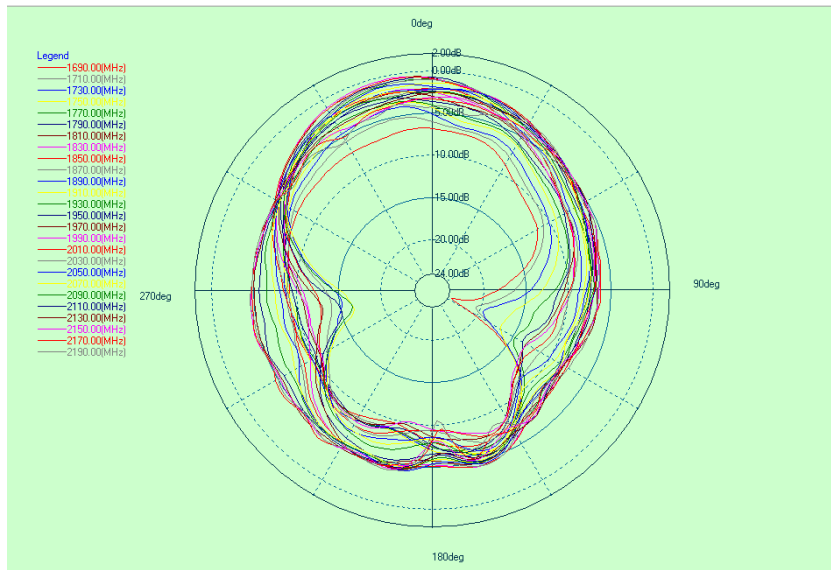
GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

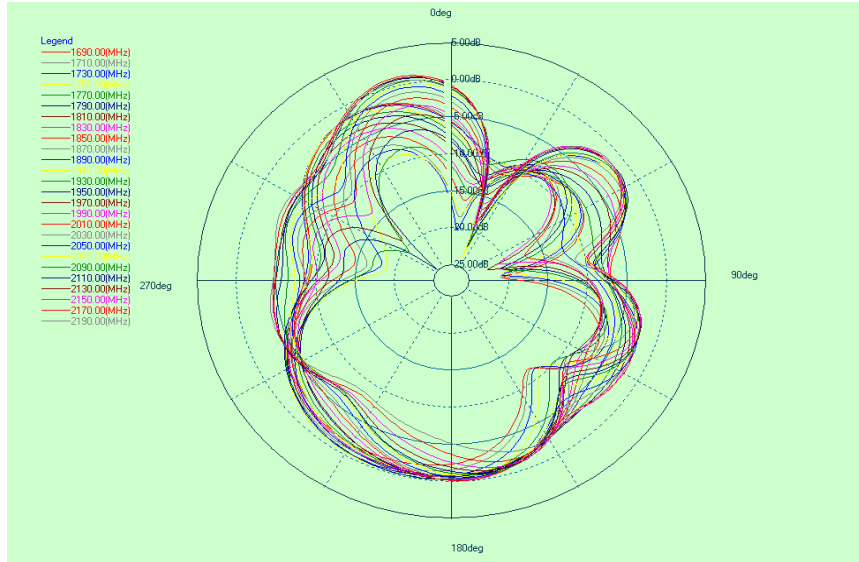
Main Antenna



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



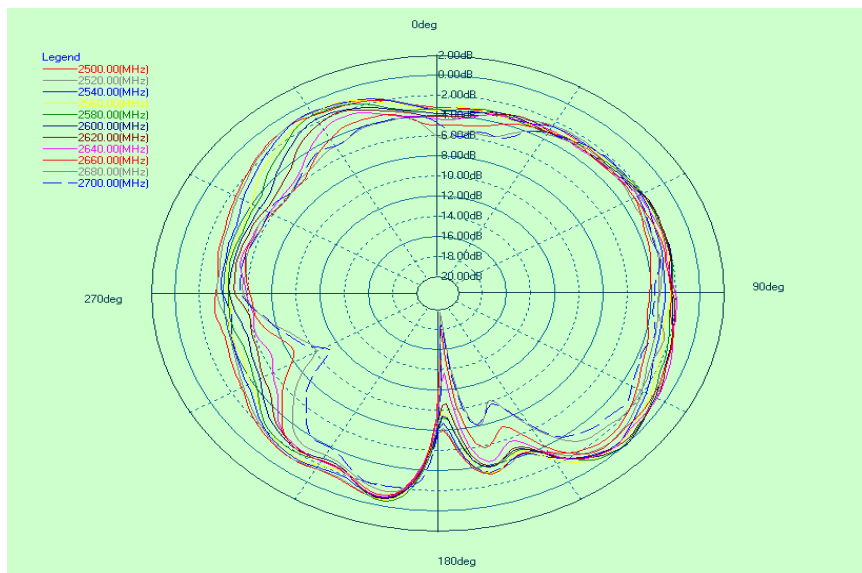
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Phi=90deg



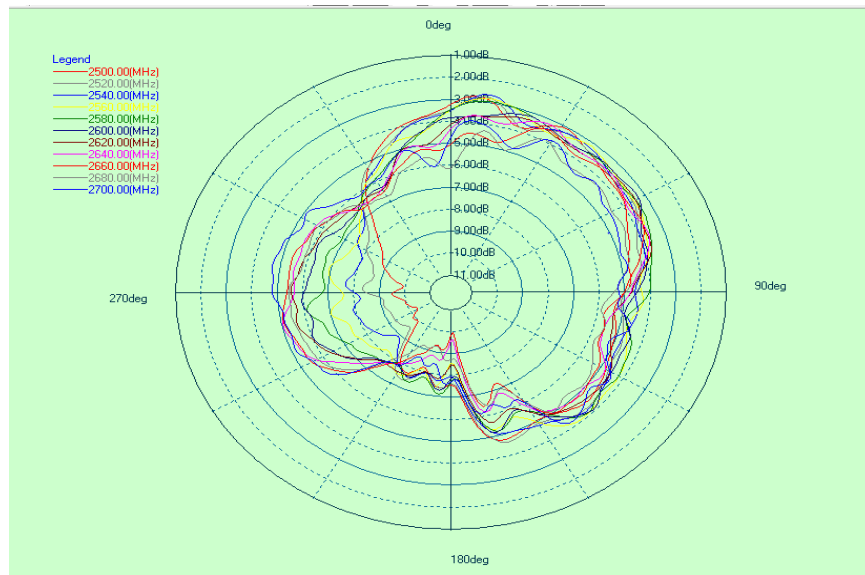
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Theta=90deg

※ Antenna Gain

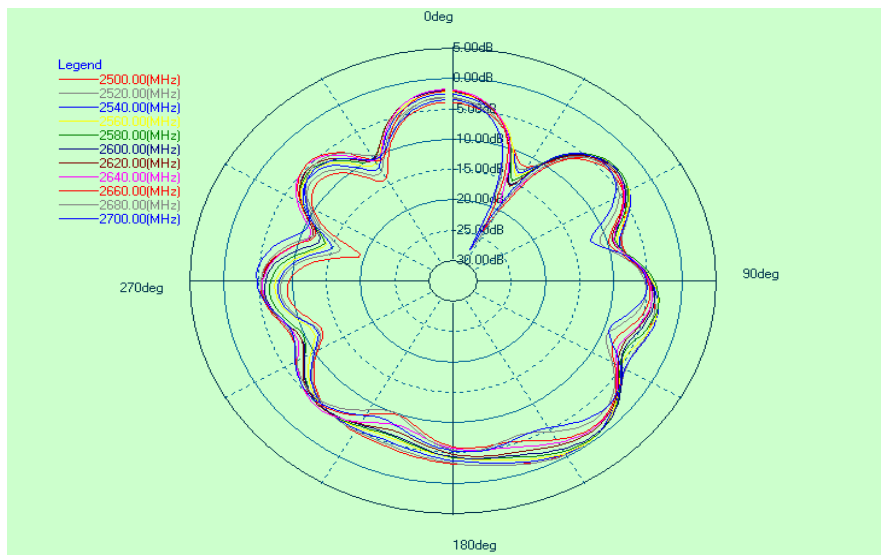
Main Antenna



LTE B7/B38/41 Phi=0deg



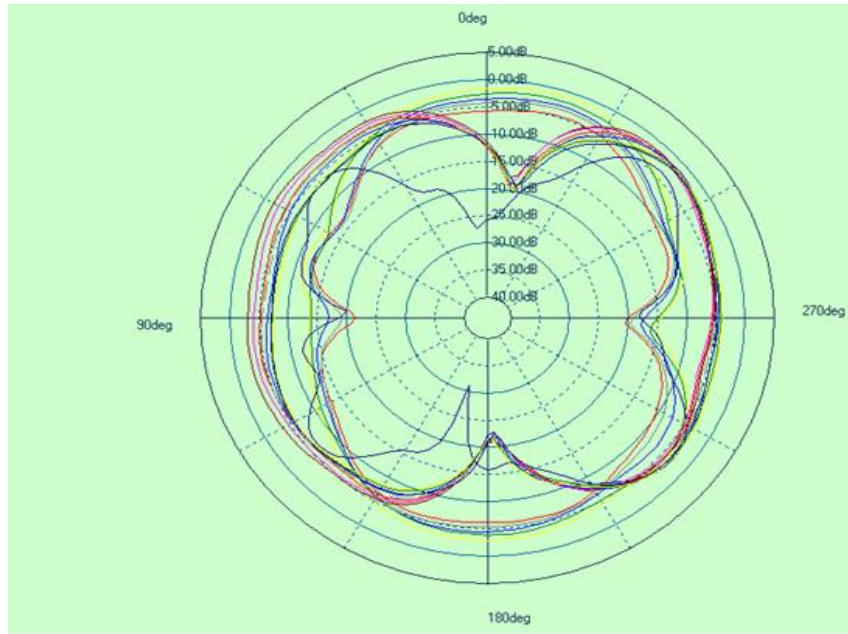
LTE B7/B38/41 Phi=90deg



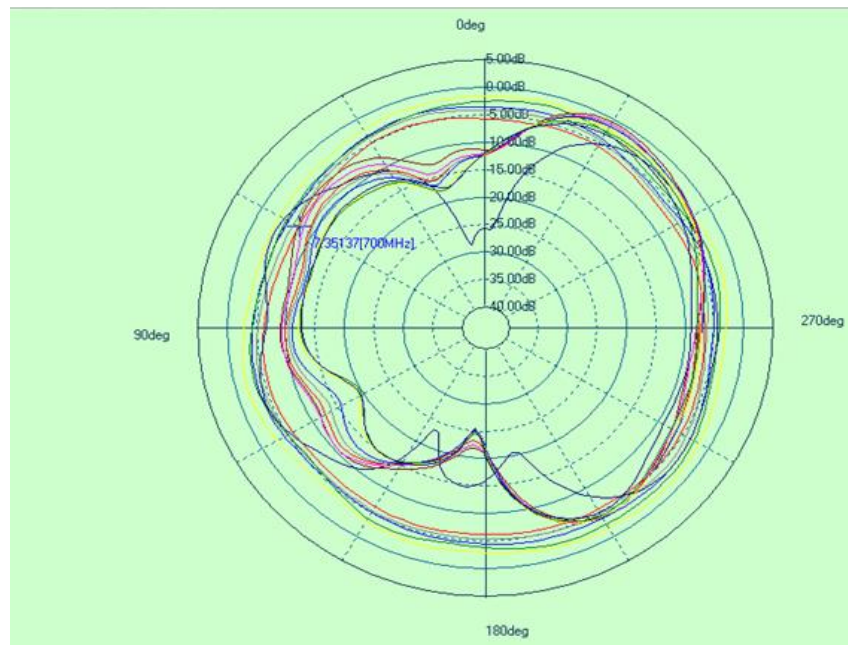
LTE B7/B38/41 Theta=90deg

※ Antenna Gain

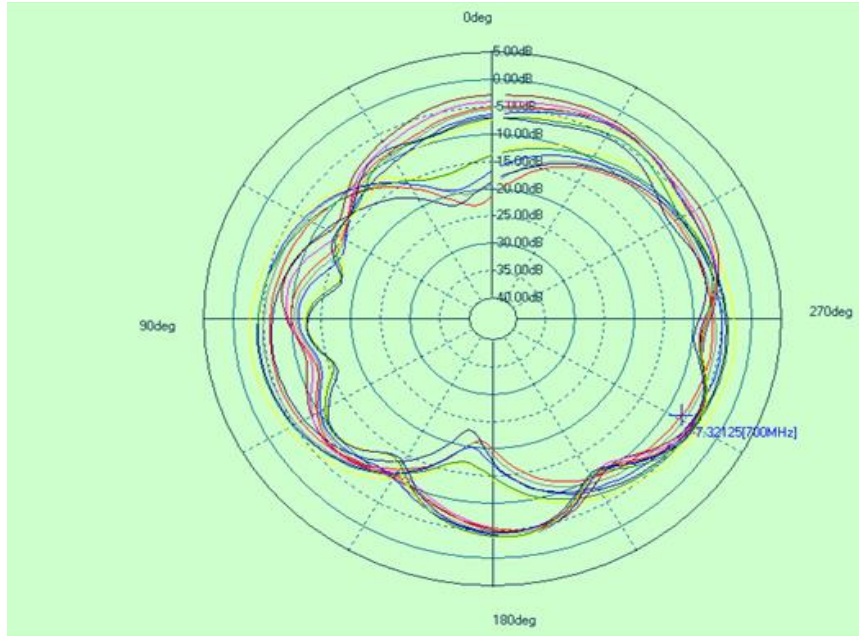
Main Antenna



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



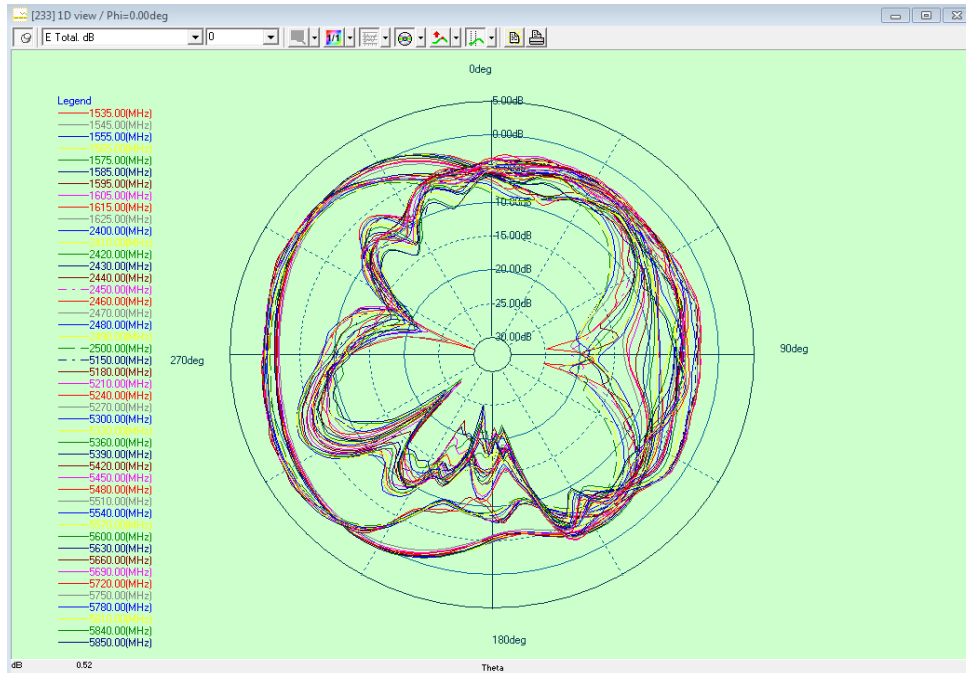
LTE B13/B17/B28 $\Phi=90^\circ$



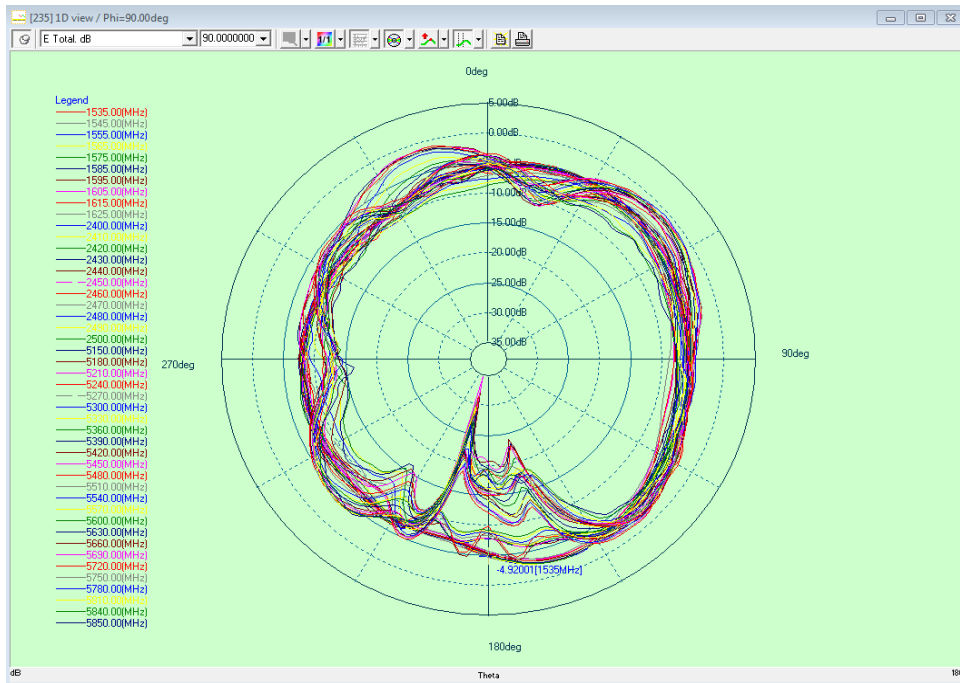
LTE B13/B17/B28 Theta=90deg

✧ Antenna Gain

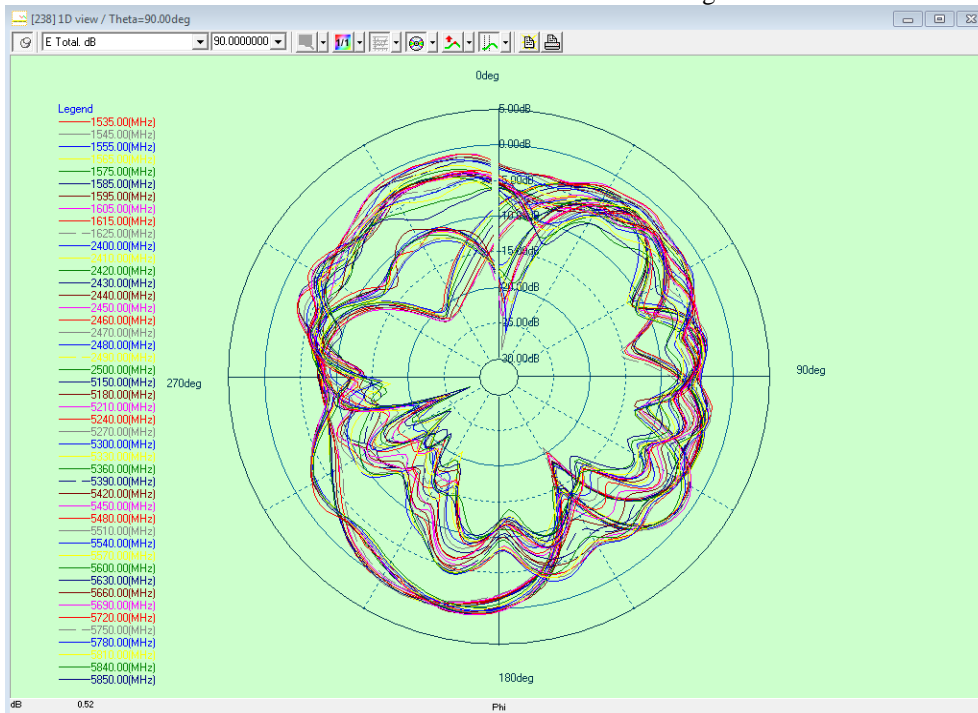
3in1 Antenna



GPS&2.4G WIFI&5G WIFI Phi=0deg



GPS&2.4G WIFI&5G WIFI Phi=90deg



GPS&2.4G WIFI&5G WIFI Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
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