

Feature

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

Application

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

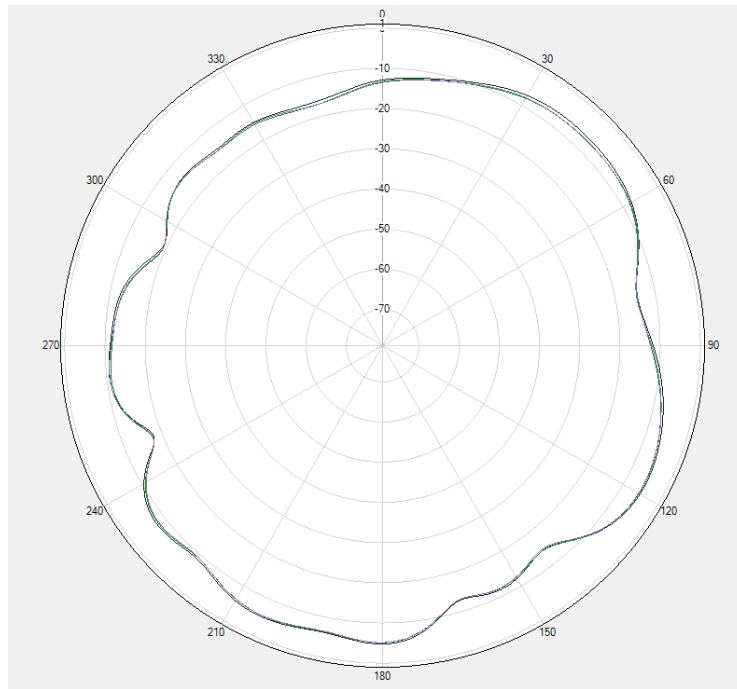
Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen ruide communication technology co., ltd Room 604, Floor 6, Building 27, Xiantao Data Valley, Yubei District, Chongqing	X6525-ANT1-RD-XX-XX X6525-ANT2-RD-XX-XX X6525-ANT3-RD-XX-XX X6525-ANT4-RD-XX-XX (XX:Version-Date)

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

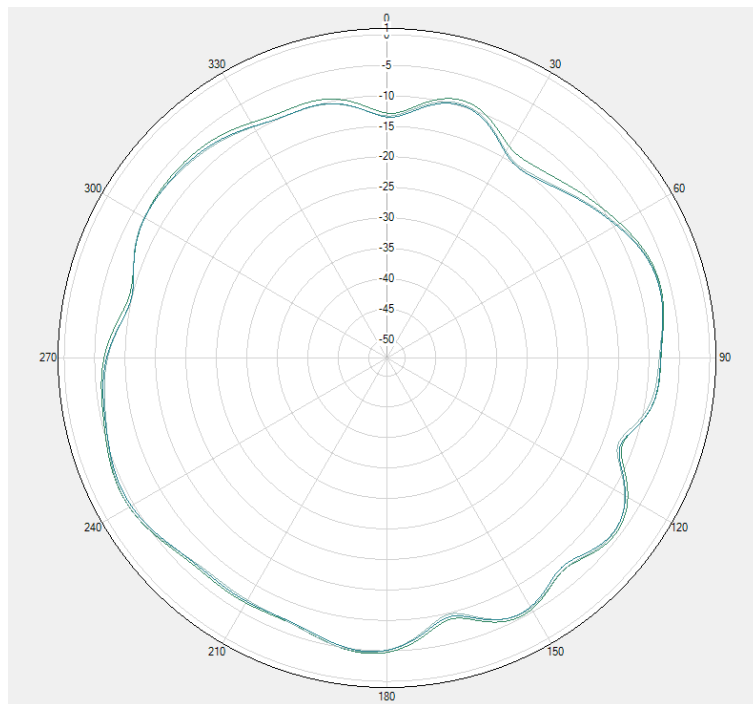
RF-Output Power (E.I.R.P)		PCS/WCDMA B2/LTE B2:1930-1990MHz
		WCDMA B1/LTE B1 : 2110 – 2170MHz
		LTE B7 :2620-2690MHz
		LTE B40 :2300-2400MHz
		LTE B38/41 :2565-2645MHz
		LTE B20 :791-821MHz
		LTEB28 :758-803MHz
		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5 /B7/B8/B20/B28/B38/B40/B41: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Antenna Gain	ANT3	GSM 850/WCDMA B5/LTE B5 : -5.0
		GSM 900/WCDMA B8/LTE B8 : -5.2
		DCS /WCDMA B4/LTE B3/B4 : -1.4
		PCS/WCDMA B2/LTE B2: -1.3
		WCDMA B1/LTE B1:-1.4
		LTE B7/B38/B41 : -0.2
		LTE B40 : -0.8
		LTE B20 :-6.4
		LTE B28 :-6.2
	ANT1	GPS(L1):-3. 1
Type of Modulation		WIFI 2.4G/BT:-3. 2
	ANT4	5G:-0.9

※ Antenna Gain

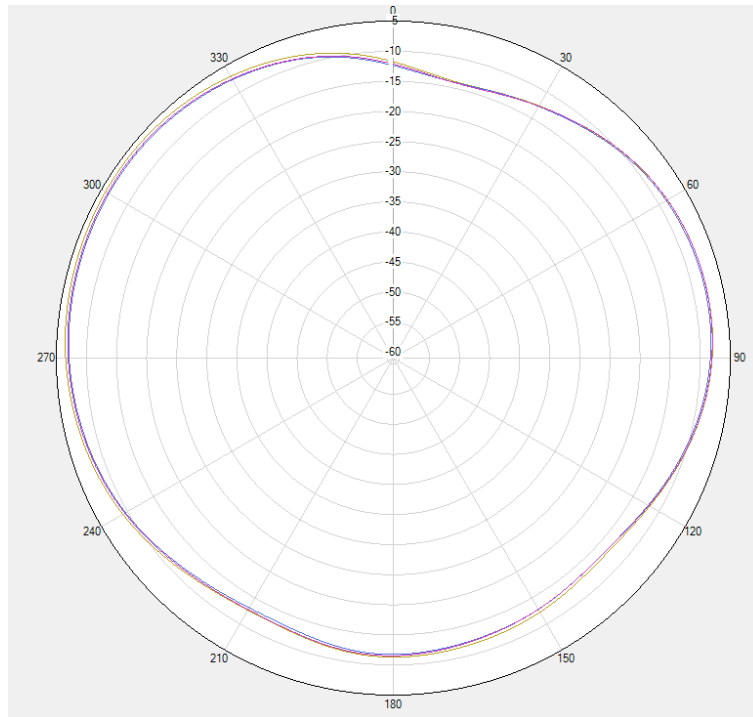
ANT1



GPS Phi=0deg



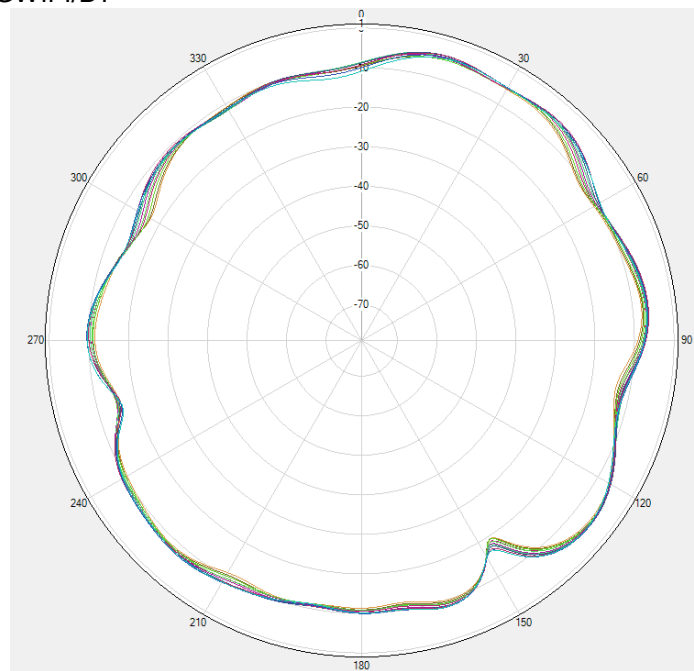
GPS Phi=90deg



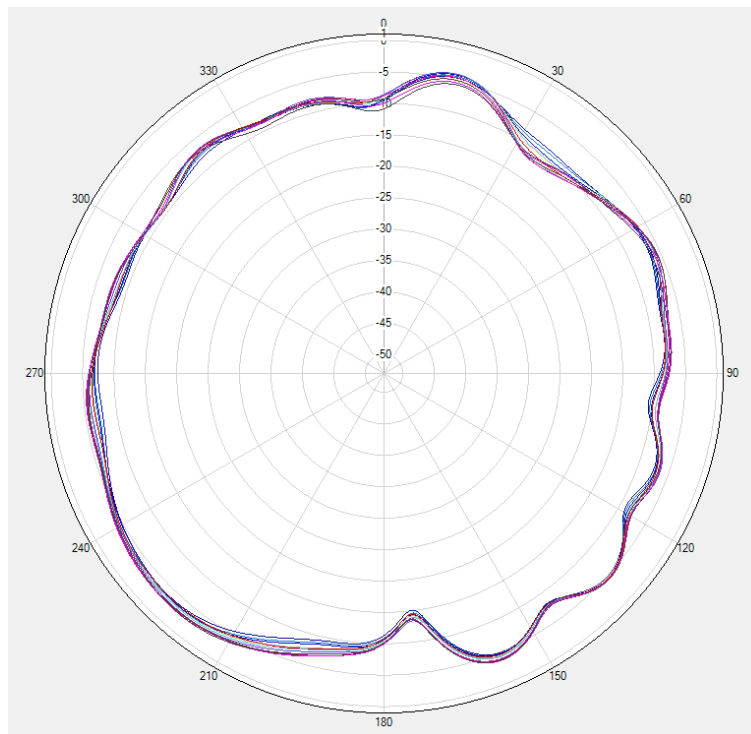
GPS $\Theta = 90^\circ$

※ Antenna Gain

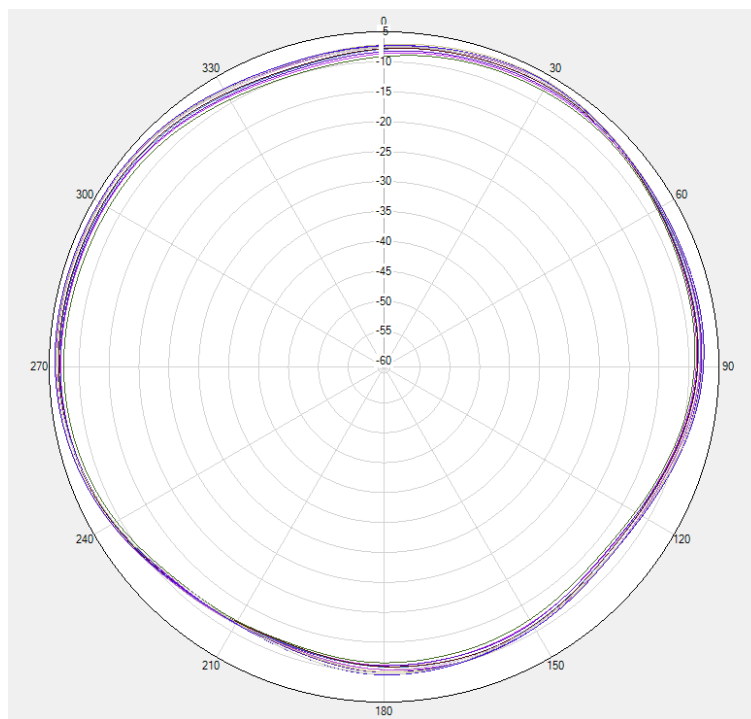
ANT1 2.4GWIFI/BT



2.4G WIFI&BT Phi=0deg



2.4G WIFI&BT Phi=90deg



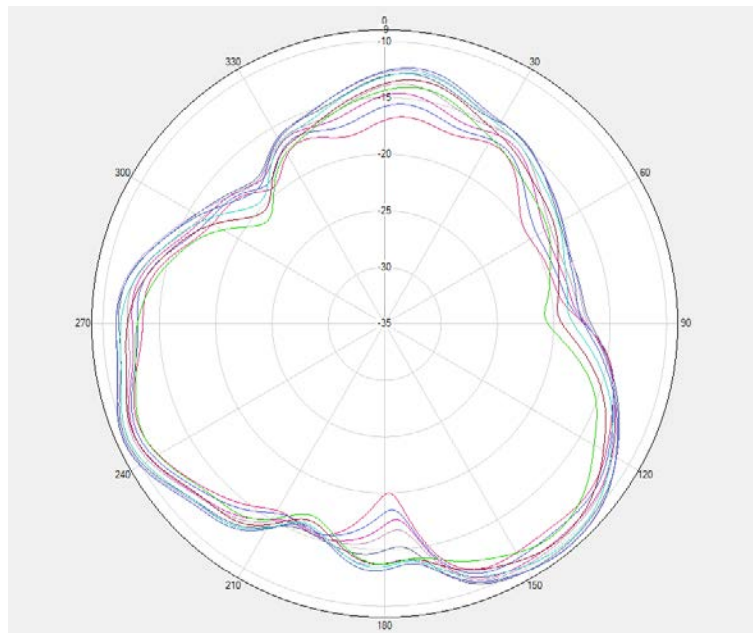
2.4G WIFI&BT Theta=90deg

※ Antenna Gain

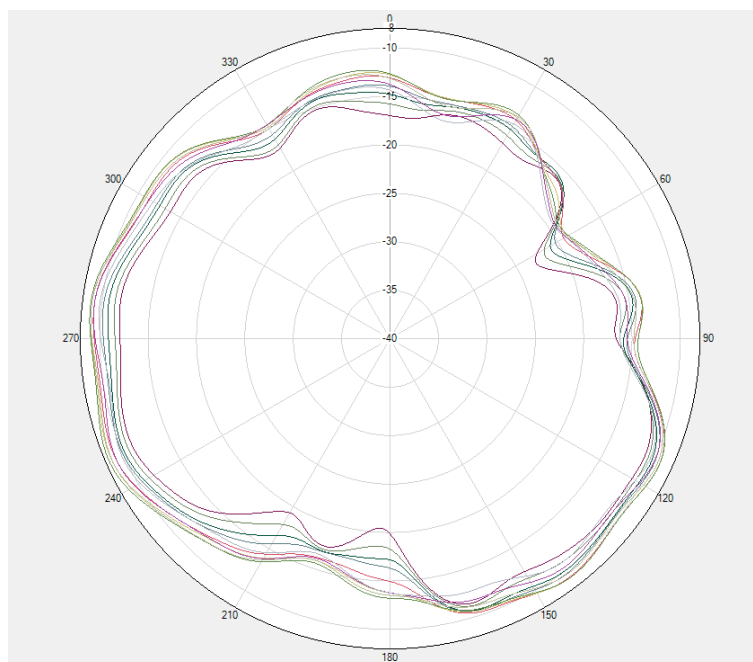
ANT3

Antenna Gain
Main Antenna

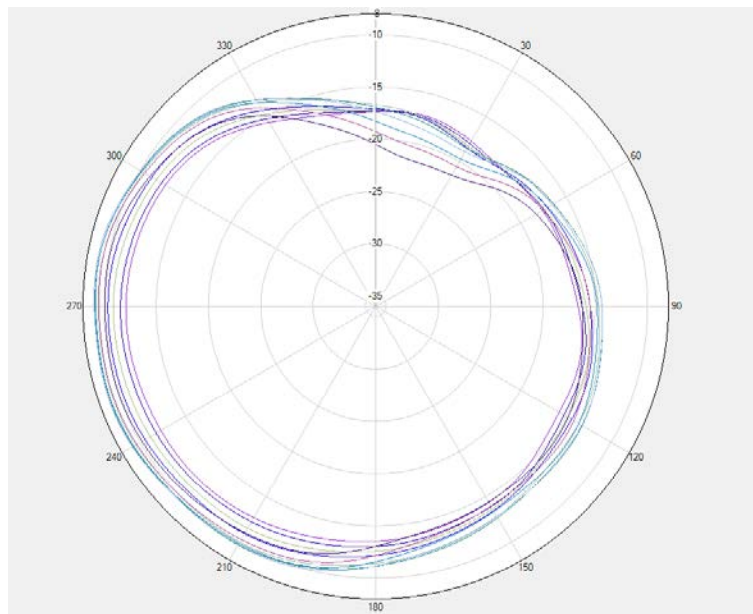
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GSM850 / WCDMA B5 / LTE B5/B20 Phi=0deg



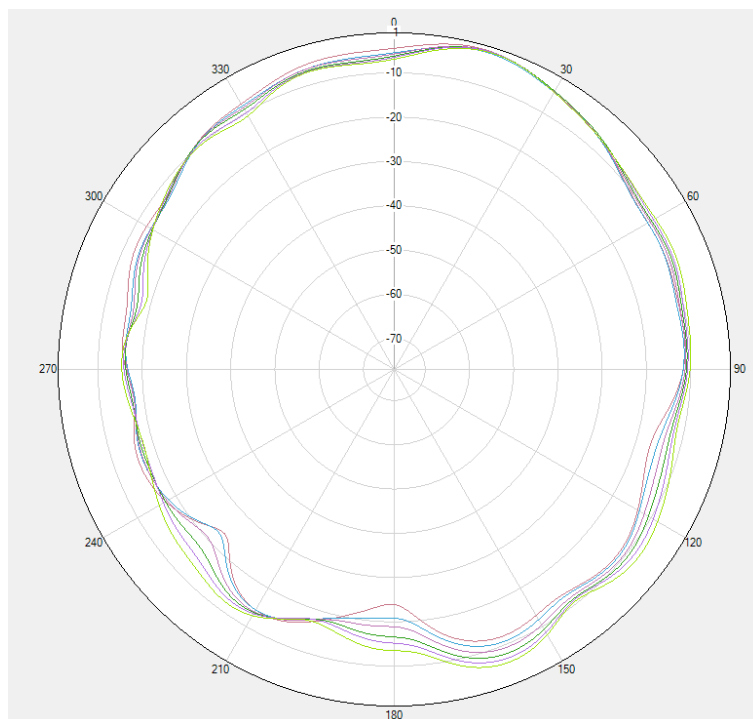
GSM850 / WCDMA B5 / LTE B5/B20 Phi=90deg



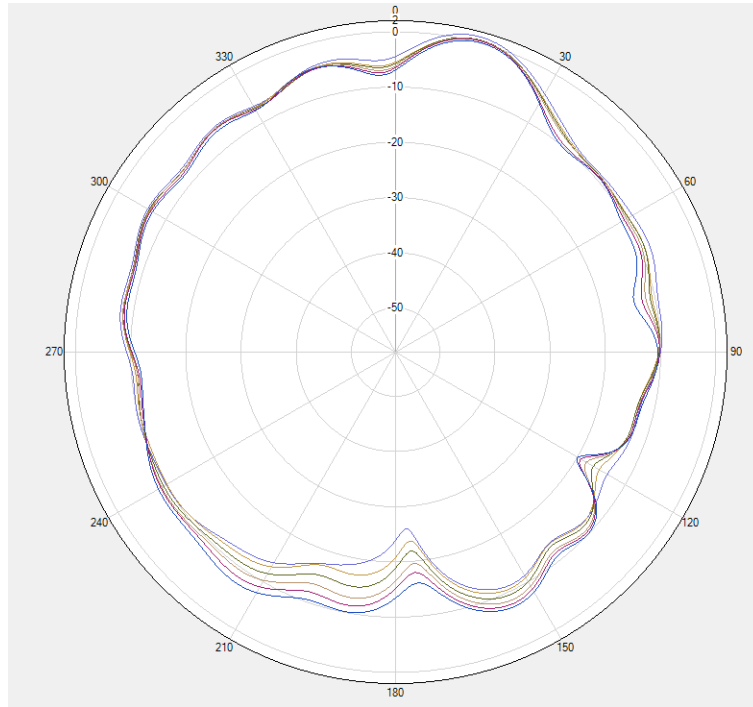
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

※ Antenna Gain

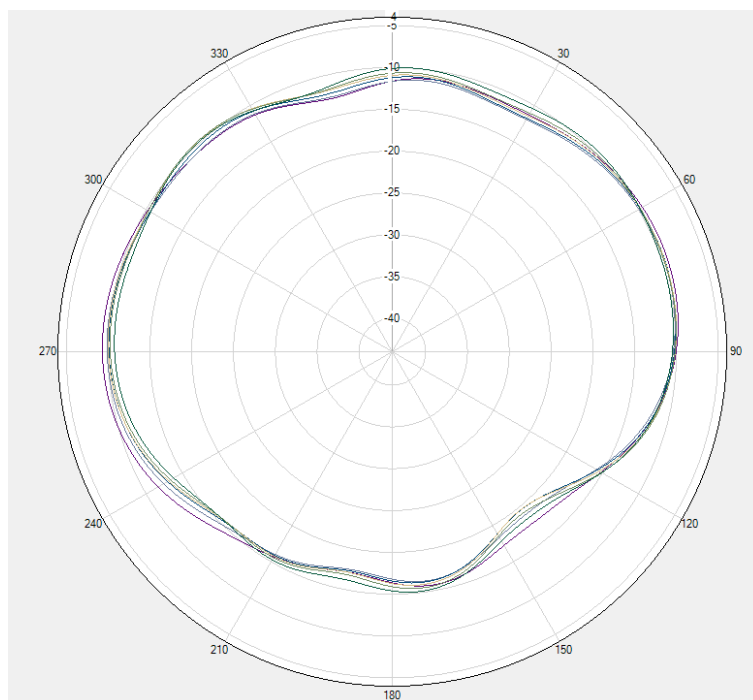
Main Antenna



LTE B40 Phi=0deg



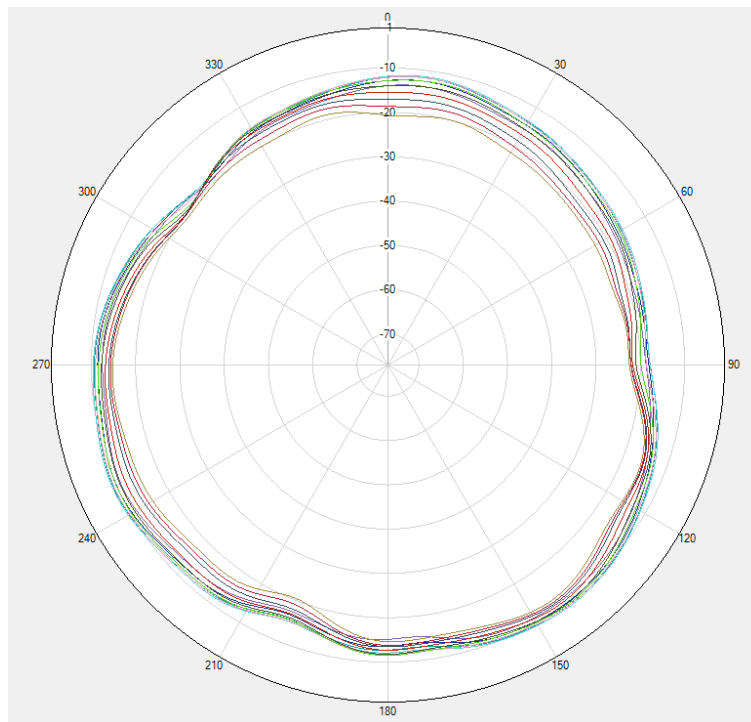
LTE B40 $\Phi=90^\circ$



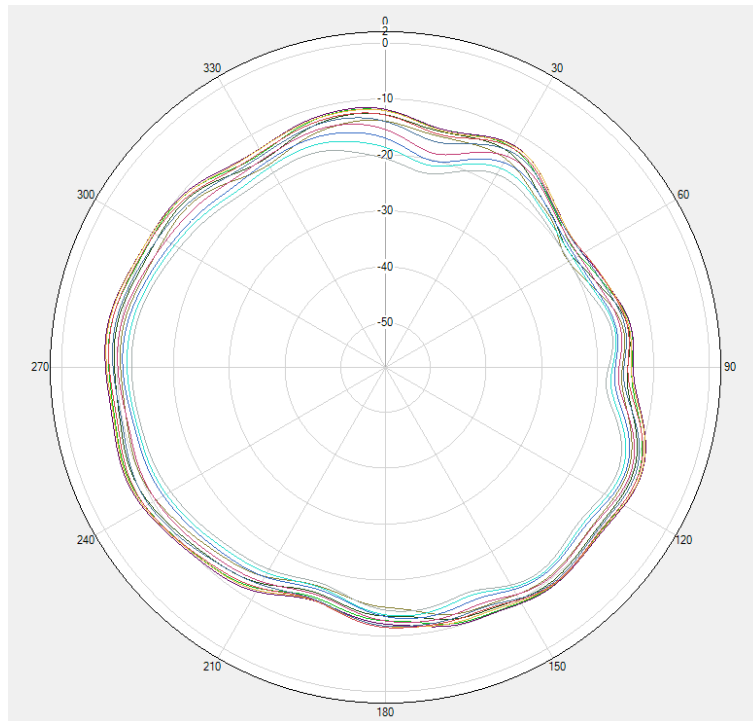
LTE B40 Theta=90deg

※ Antenna Gain

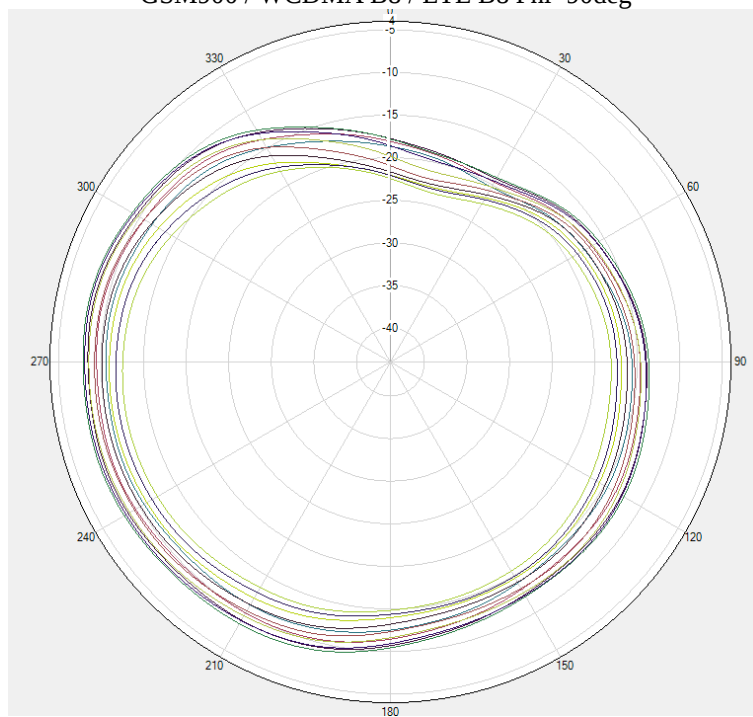
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



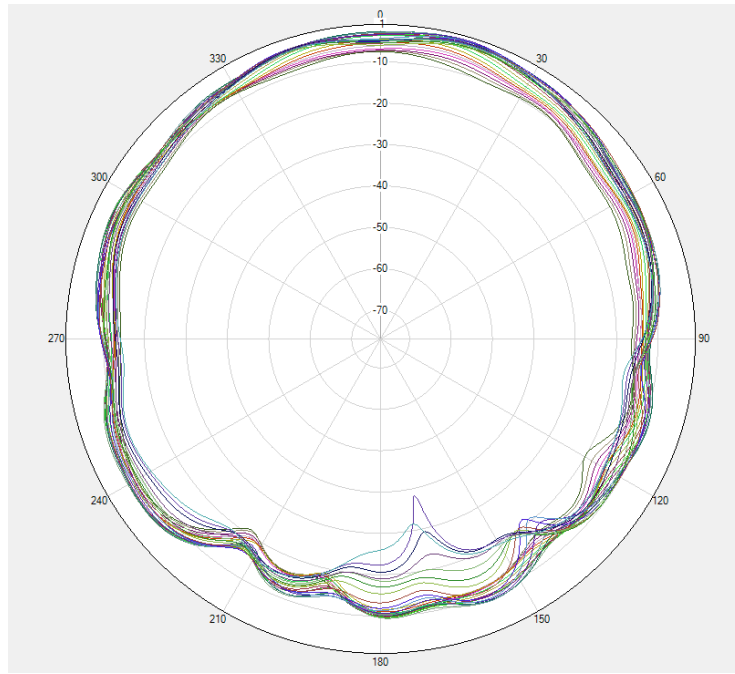
GSM900 / WCDMA B8 / LTE B8 $\Phi=90^\circ$



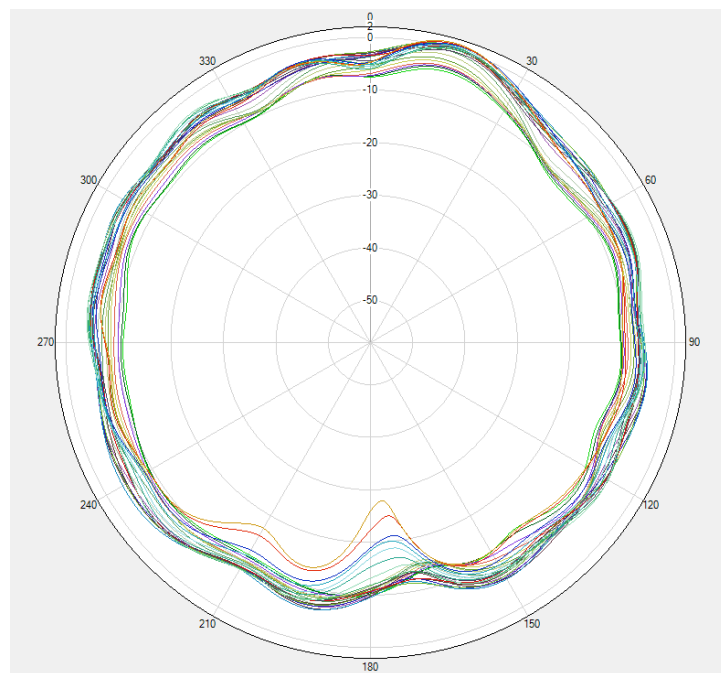
GSM900 / WCDMA B8 / LTE B8 $\Theta=90^\circ$

※ Antenna Gain

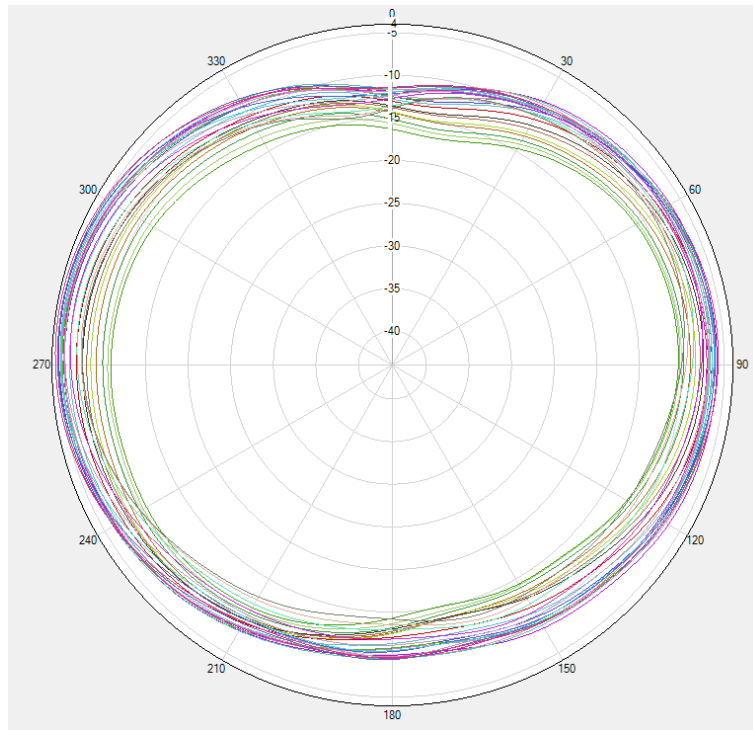
Main Antenna



DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4 $\Phi=0^\circ$



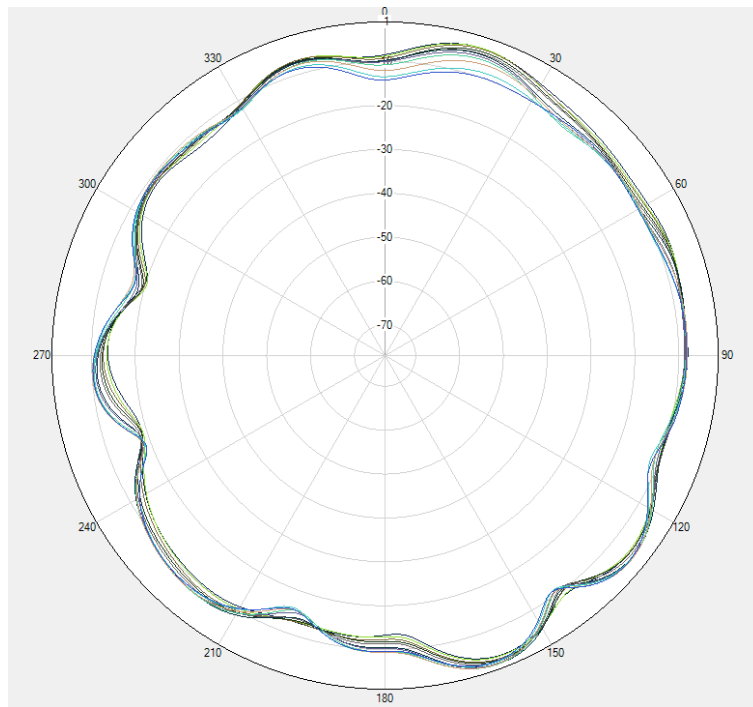
DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4 $\Phi=90^\circ$



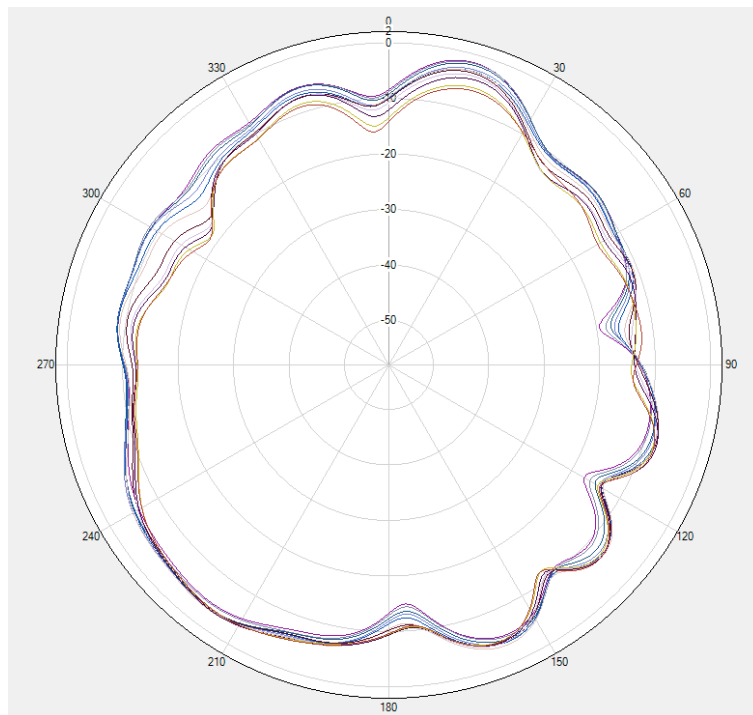
DCS1800/PCS1900/WCDMA B1/B2LTE B1/B2/B3/B4 Theta=90deg

※ Antenna Gain

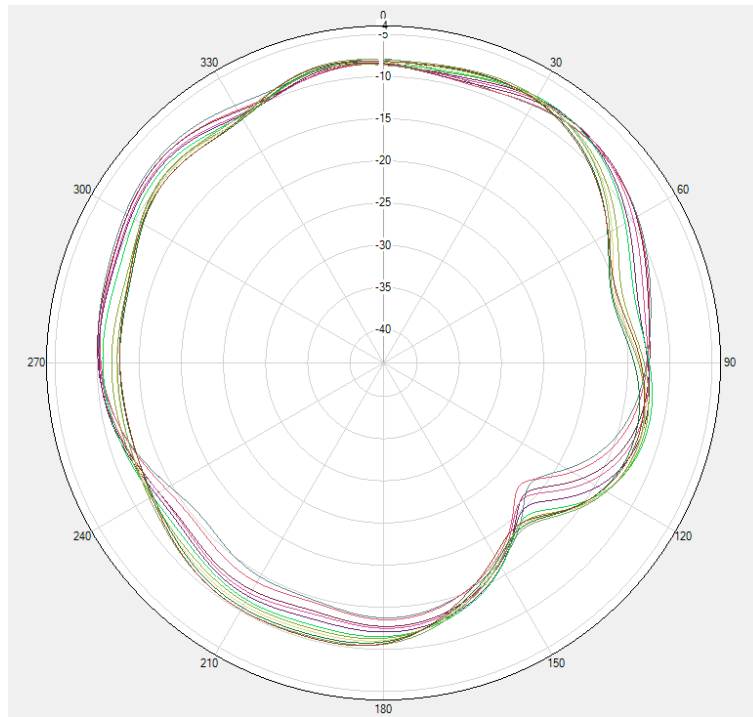
Main Antenna



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



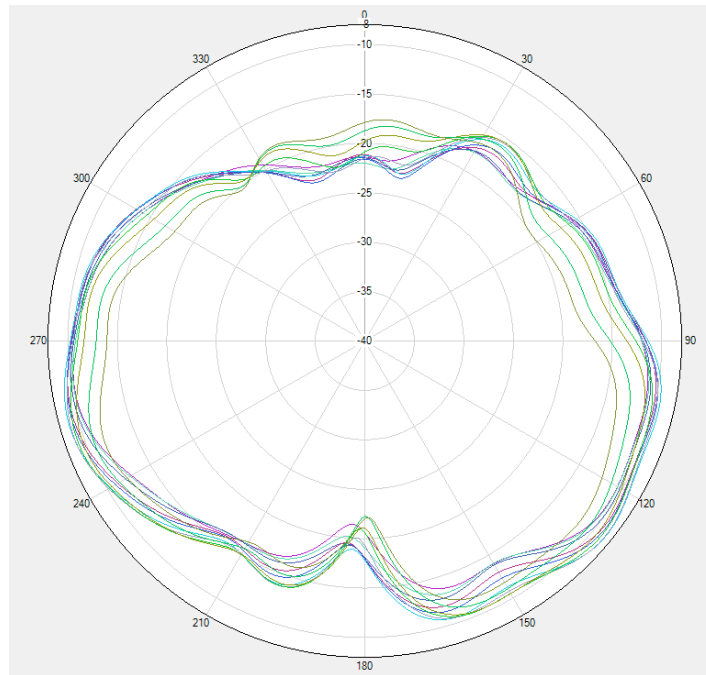
LTE B7/B38/41 $\Phi=90^\circ$



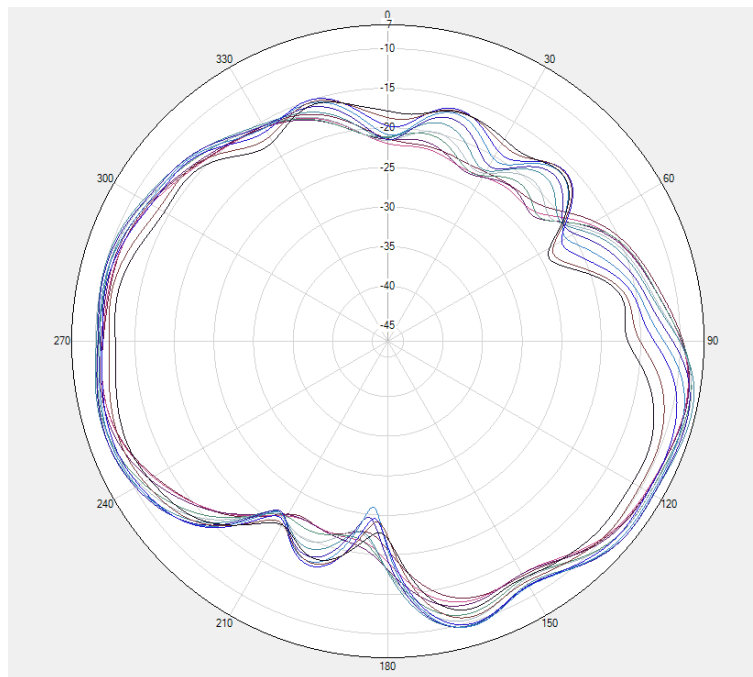
LTE B7/B38/41 Theta=90deg

※ Antenna Gain

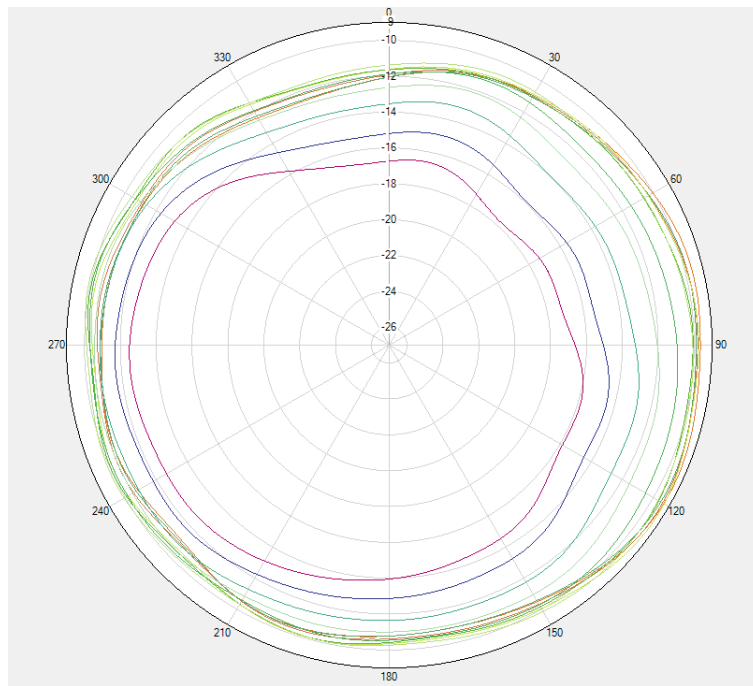
Main Antenna



LTE B28 $\Phi=0^\circ$



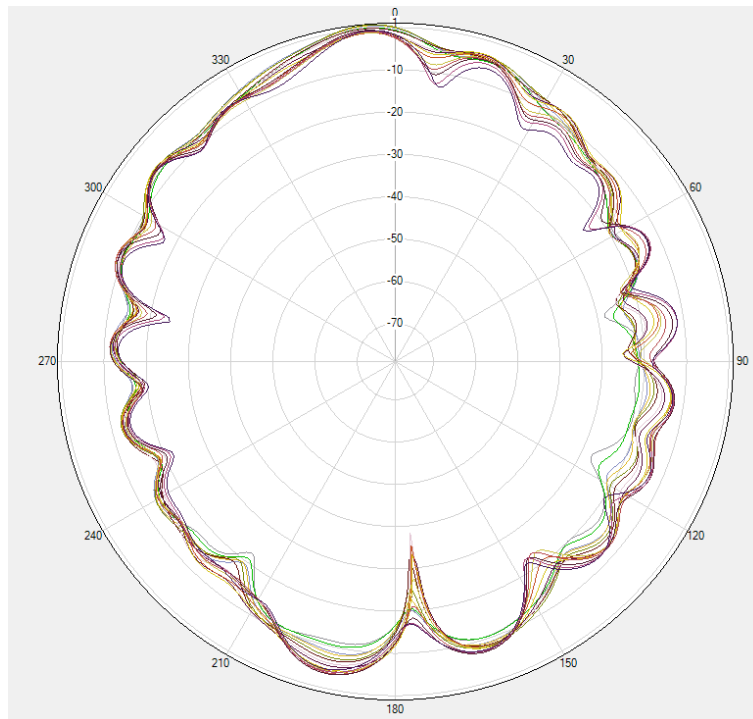
LTE B28 $\Phi=90^\circ$



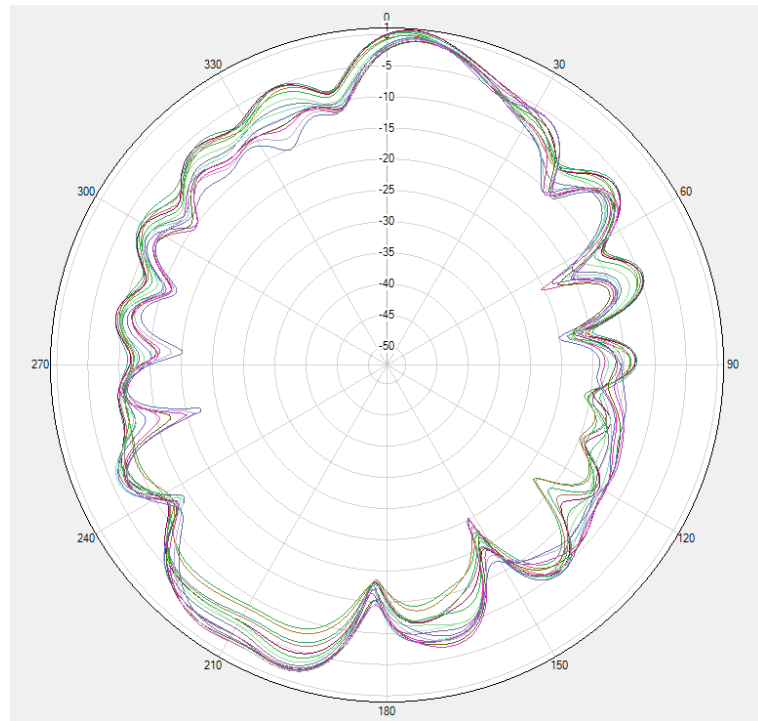
LTE B28 Theta=90deg

※ Antenna Gain

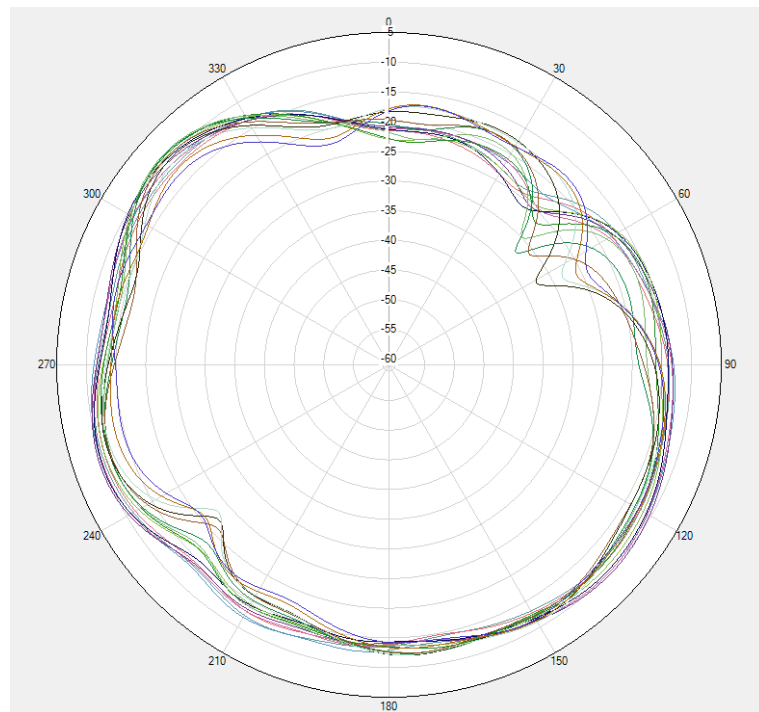
ANT4



5G WIFI Phi=0deg



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



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

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023/07/25