

Feature

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

Application

##填写对应配置完整的频段信息##

- ※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
- NR Mode N1/N3/N5/N7/N8/N12/N20/N28/N38/N40/N41/N66/N77/N78
- WIFI2.4G/WIFI 5G/GPS L1

别漏掉下表面的表格

Name and address of the antenna manufacturer	Model number of the antenna
<p>Huizhou SPEED Wireless Technology Co., Ltd</p> <p>No. 2 Zhongke Intelligent, 99 Weixin Road, Suzhou Industrial Park</p> <p>##供应商名称和地址，要求全英文##</p>	<p>LH8n-ANT0-SPD-XX-XX</p> <p>LH8n-ANT1-SPD-XX-XX</p> <p>LH8n-ANT2-SPD-XX-XX</p> <p>LH8n-ANT3-SPD-XX-XX</p> <p>LH8n-ANT4-SPD-XX-XX</p> <p>LH8n-ANT5-SPD-XX-XX</p> <p>LH8n-ANT6-SPD-XX-XX</p> <p>LH8n-ANT7-SPD-XX-XX</p> <p>(XX:Version-Date)</p> <p>## 认证样机天线丝印，版本和日期统一填写为 XX ##</p>

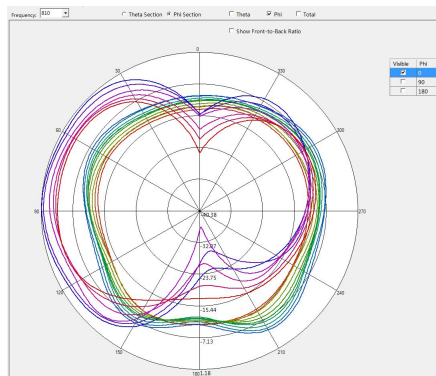
TYPE		
Transmitter Frequency		GSM 850/WCDMA B5/LTE B5 NR n5: 824 – 849 MHz
		GSM 900/WCDMA B8/LTE B8 NR n8: 880 – 915 MHz
		DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: 1710 – 1785 MHz
		PCS/WCDMA B2/LTE B2:1850-1910MHz
		WCDMA B1/LTE B1 NR n1: 1920 – 1980MHz
		LTE B7 NR n7:2496-2565MHz
		LTE B40 NR n40:2300-2400MHz
		LTE B38/B41 NR n38/n41:2565-2645MHz
		LTE B20 NR n20:832-862MHz
		LTE B12/B17/B28 NR n12/n28:710-755MHz
		NR n77/n78:3300-4200MHz
Receiver Frequency		GSM 850/WCDMA B5/LTE B5 NR n5: 869 – 894 MHz
		GSM 900/WCDMA B8/LTE B8 NR n8: 925 – 960 MHz
		DCS/LTE B3/B66 NR n3/n66: 1805 – 1880 MHz
		WCDMA 4/LTE B4 NR n4: 2110-2155 MHz
		PCS/WCDMA B2/LTE B2:1930-1990MHz
		WCDMA B1/LTE B1 NR n1: 2110 – 2170MHz
		LTE B7 NR n7:2620-2690MHz
		LTE B40 NR n40:2300-2400MHz
		LTE B38/41 NR n38/n41:2565-2645MHz
		LTE B20 NR n20:791-821MHz
		LTE B12/B17/B28 NR n12/n28:758-803MHz
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		LTE B1/B2/B3/ B4/B5 /B7/B8/B17/B20/B28/B38/B40/B41/B66: 23+/-2dBm
		WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
		NR N1/N3/N5/N7/N8/N12/N20/N28/N38/N40/N66 : 23+/-2dBm
		NR N41/N77/N78: 26+/-2dBm
	ANT0	GSM 850/WCDMA B5/LTE B5 NR n5:-3.45

Antenna Gain		GSM 900/WCDMA B8/LTE B8/NR n8: -3.41	
		DCS /WCDMA B4/LTE B3/B4/B66 NR n3/n66: -1.2	
		PCS/WCDMA B2/LTE B2:-1.0	
		WCDMA B1/LTE B1 NR n1: -0.75	
		LTE B7/B38/B41 NR n7/n38/n41: -0.38	
		LTE B40 NR n40: -0.36	
		LTE B20 NR n20:-3.45	
		LTE B12/B17/B28 NR n12/n28:-4.65	
		ANT4	NR n77/n78: -2.3
	##增益报告内需要把所有 TX 天线的增益值都填写##	ANT5(ENDC)	B1/B66:-5.5
B3/B7/B38/B41:-4.7			
B40:-3.1			
ANT6	WIFI 2.4G: -2.2		
	WIFI 5G: -0.52		
ANT7	WIFI 2.4G: -3.7		
	GPS(L1): -0.42		
Type of Modulation			

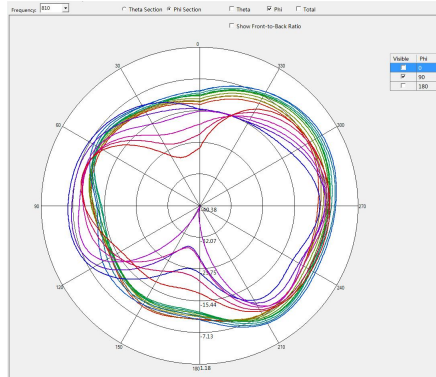
※ Antenna Gain

##填写增益图时，需要与上表所填增益值对应，对应频段所填的值不能超过增益图的增益范围，例如，下图增益范围为-15 到 0dBi 左右，增益值填写不能超过这个范围##

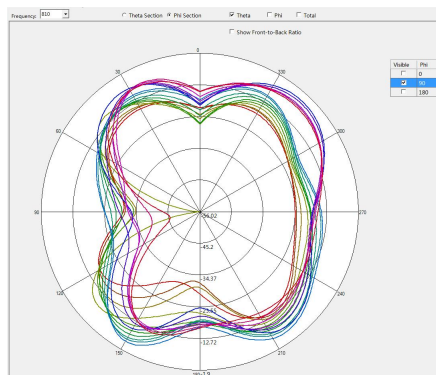
ANT0 ##天线序号与天线增益图频段对应##



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



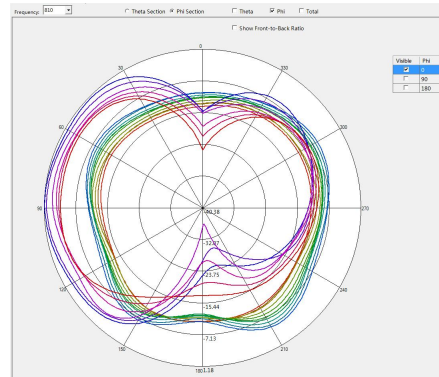
GSM850 / WCDMA B5 / LTE B5/B20 Phi=90deg



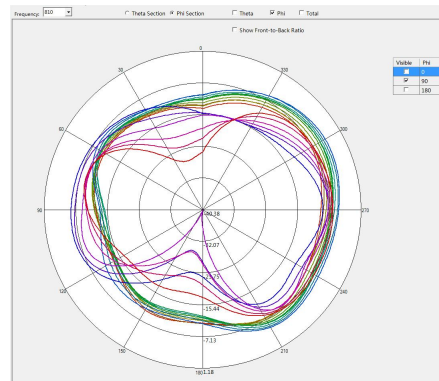
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

※ Antenna Gain

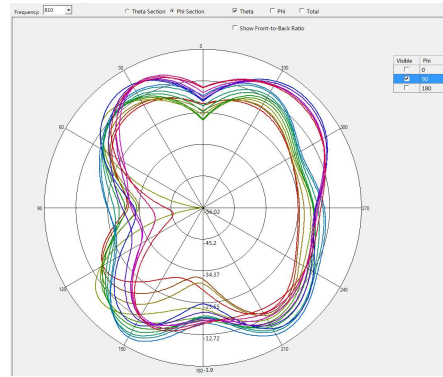
ANT0



LTE B40 Phi=0deg



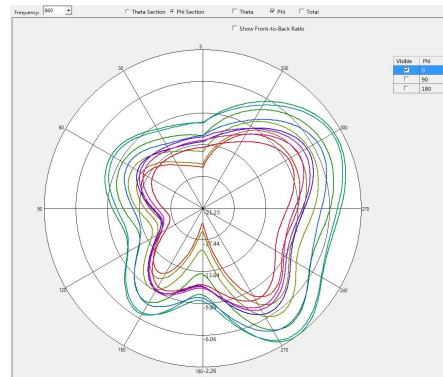
LTE B40 Phi=90deg



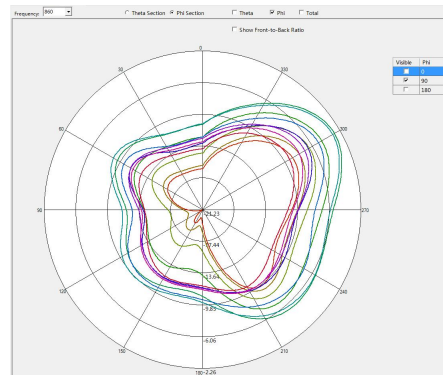
LTE B40 Theta=90deg

※ Antenna Gain

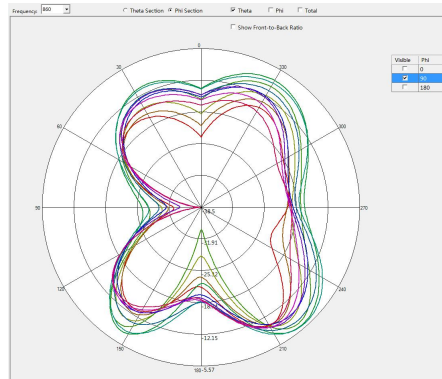
ANT0



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



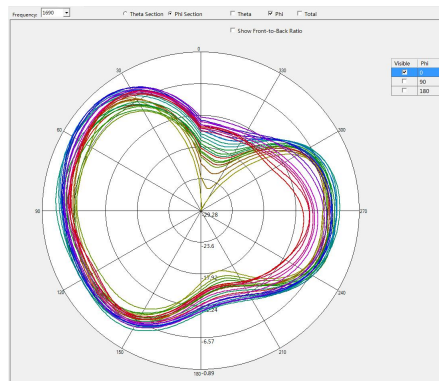
GSM900 / WCDMA B8 / LTE B8 Phi=90deg



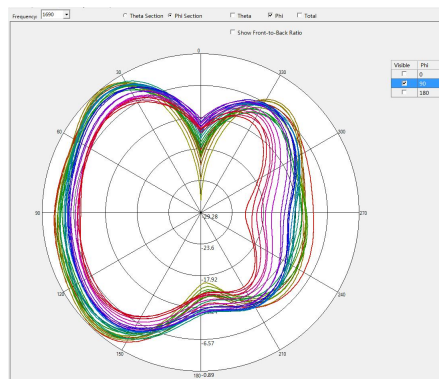
GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

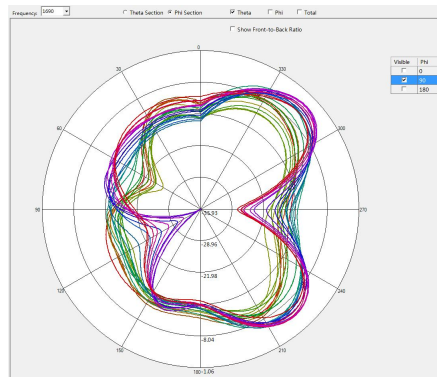
ANT0



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



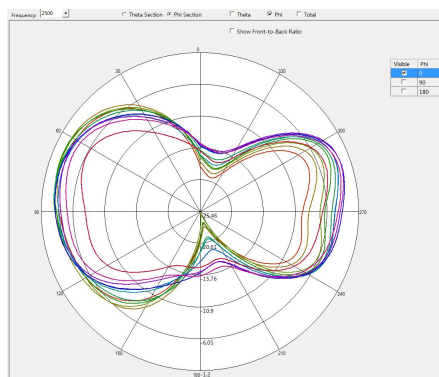
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Phi=90deg



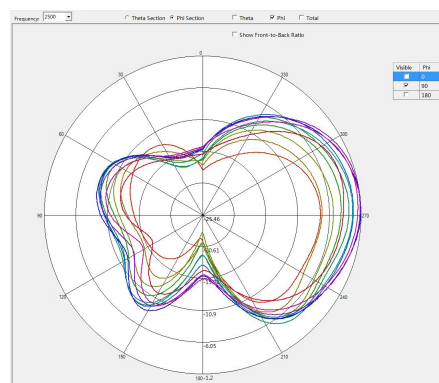
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Theta=90deg

※ Antenna Gain

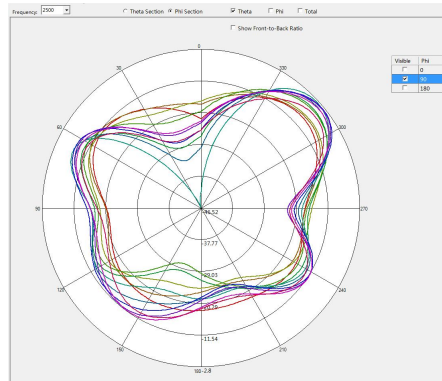
ANT0



LTE B7/B38/41 Phi=0deg



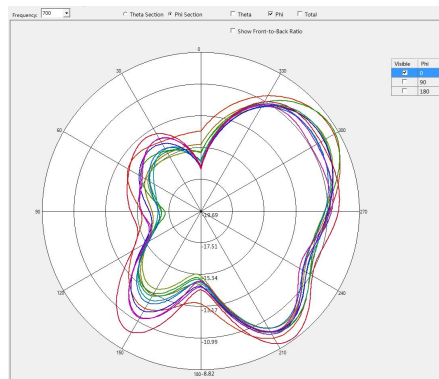
LTE B7/B38/41 Phi=90deg



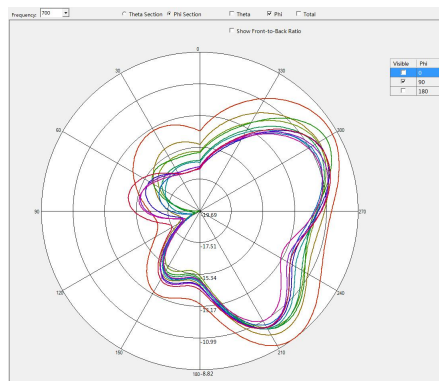
LTE B7/B38/41 Theta=90deg

※ Antenna Gain

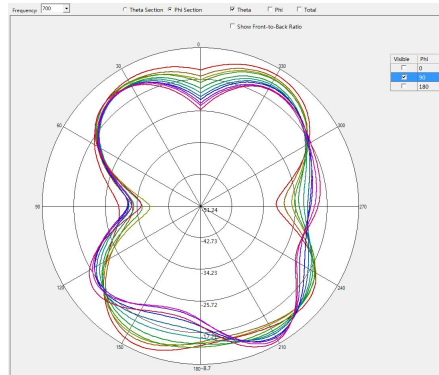
ANT0



LTE B28/12/17 Phi=0deg



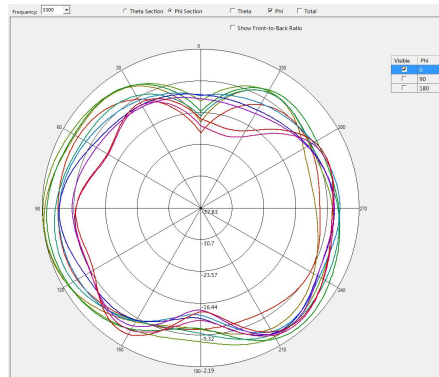
LTE B28/12/17 Phi=90deg



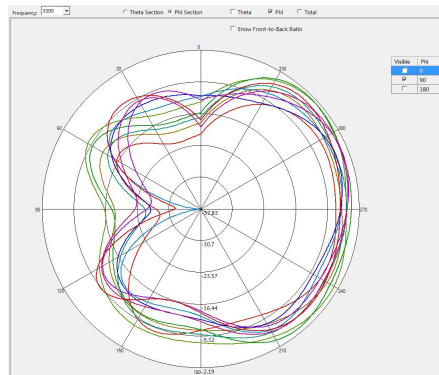
LTE B28/12/17 Theta=90deg

※ Antenna Gain

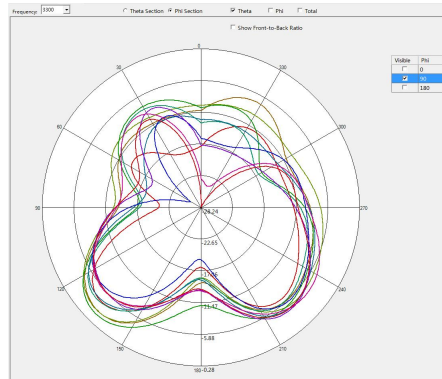
ANT4



N77/78 Phi=0deg



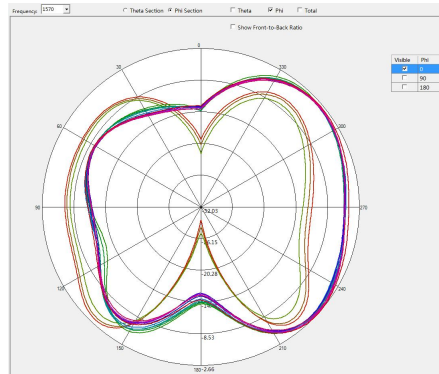
N77/78 Phi=90deg



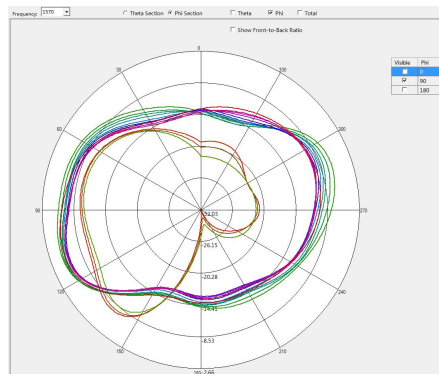
N77/78 Theta=90deg

※ Antenna Gain

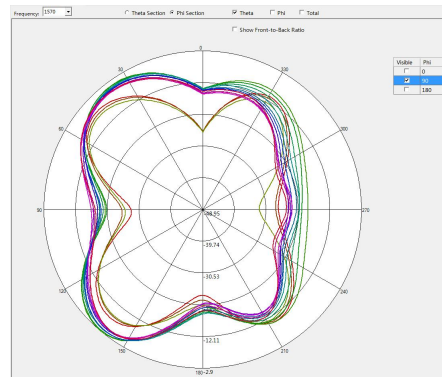
ANT7



GPS&2.4G WIFI&BT Phi=0deg



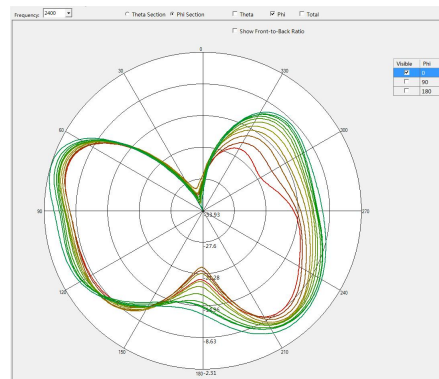
GPS&2.4G WIFI&BT Phi=90deg



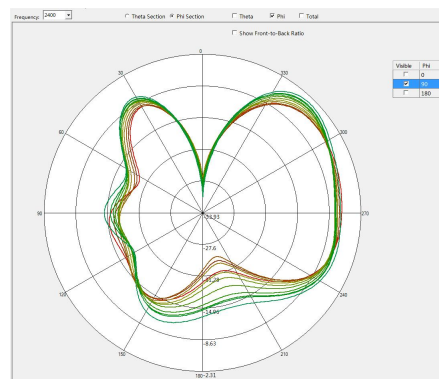
GPS&2.4G WIFI&BT Theta=90deg

※ Antenna Gain

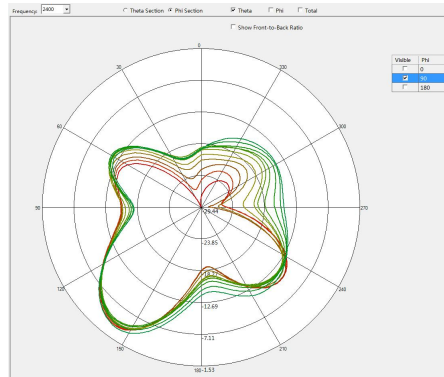
ANT6



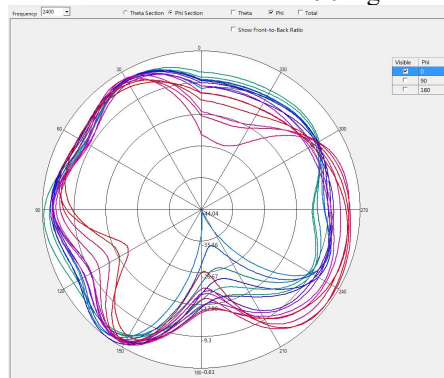
2.4G WIFI Phi=0deg



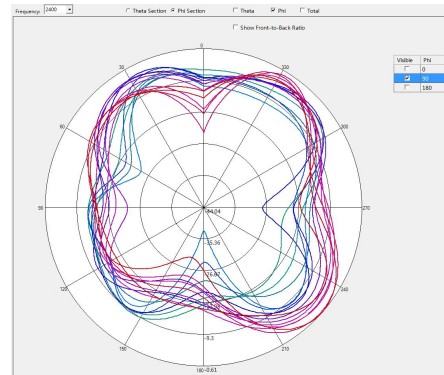
2.4G WIFI Phi=90deg



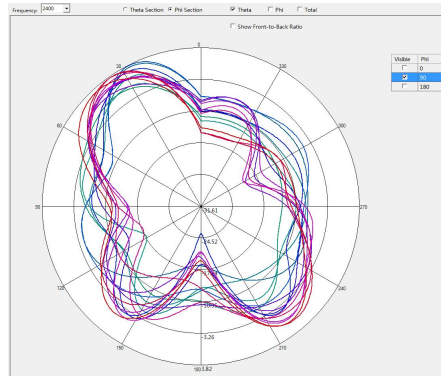
2.4G WIFI Theta=90deg



5G WIFI Phi=0deg



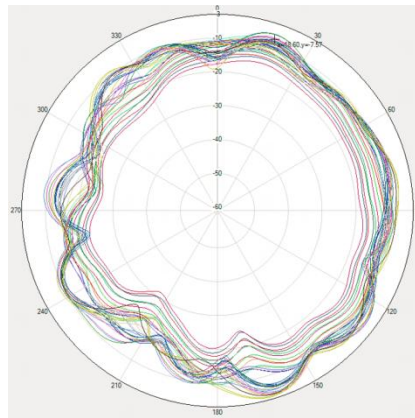
5G WIFI Phi=90deg



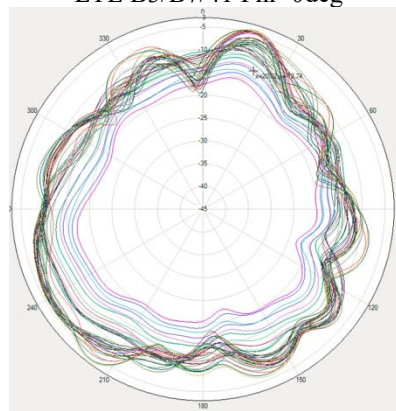
5G WIFI Theta=90deg

※ Antenna Gain

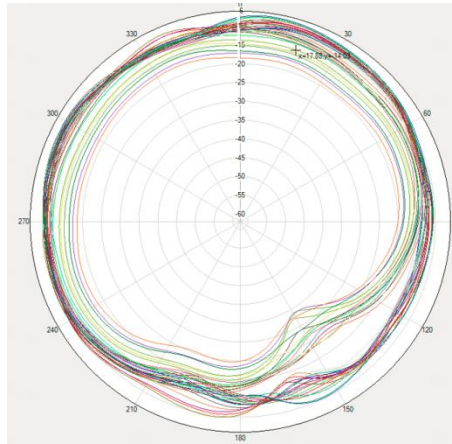
ANT5



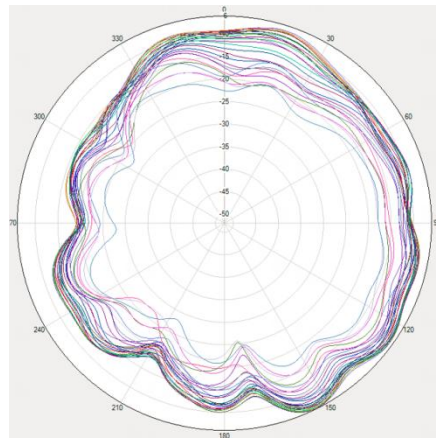
LTE B3/B7/41 Phi=0deg



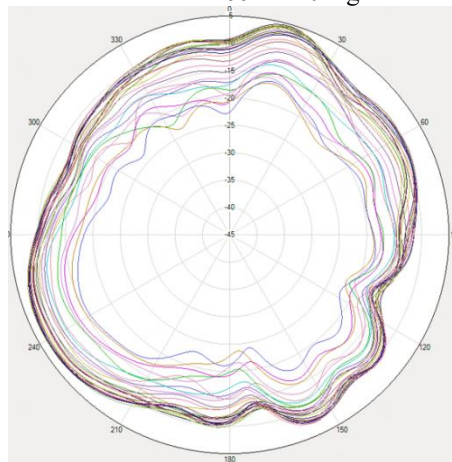
LTE B3/B7/41 Phi=90deg



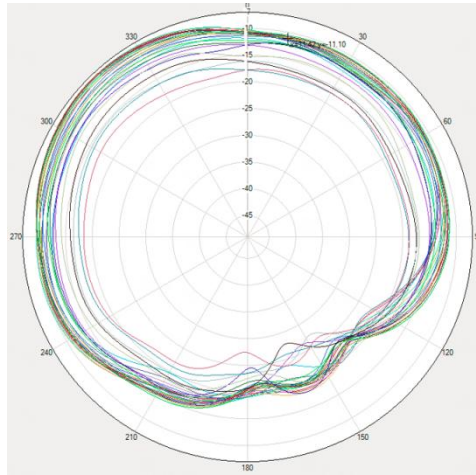
LTE B3/B7/41 Theta=90deg



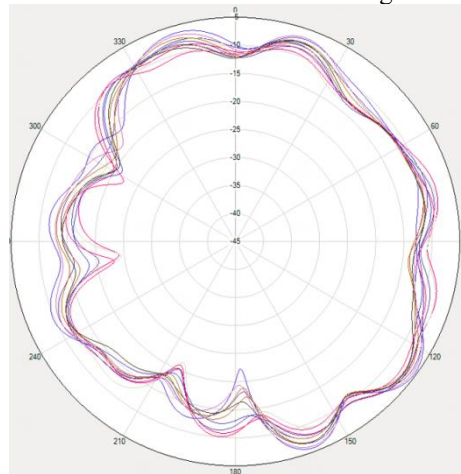
LTE B1/B66 Phi=0deg



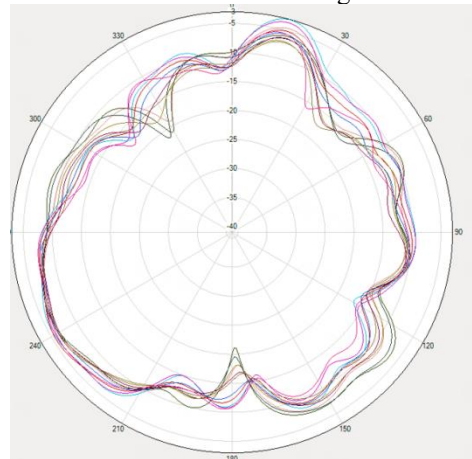
LTE B1/B66 Phi=90deg



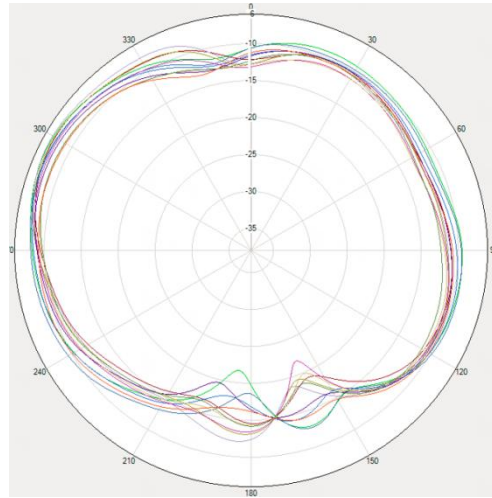
LTE B1/B66 $\Theta = 90^\circ$



LTE B40 $\Phi = 0^\circ$



LTE B40 $\Phi = 90^\circ$



LTE B40 Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2023/03/31