



Feature

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

Main Antenna

Application

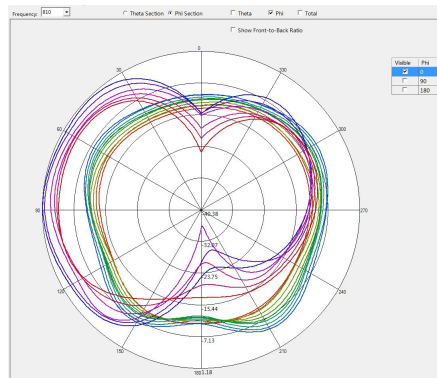
- ※ GSM850/900/DCS/PCS/WCDMA B1/B2/B4/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28/B38/B40/B41/B66
NR Mode N1/N3/N5/N7/N8/N12/N20/N28/N38/N40/N41/N66/N77/N78
communication applications

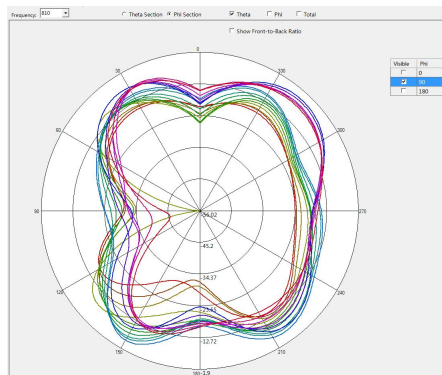
Name and address of the antenna manufacturer	Model number of the antenna
Shenzhen Wei'erchuang Communication Technology Co.,Ltd. 2nd floor, Building 8, Dalang Street, Longhua New District, Shenzhen, Tongfu Estate Industrial Zone	ANT0-LMHB MAIN;ANT1-LMHB;ANT2-N77/78;ANT3-N7/40/41/77/78;ANT4-N1/3/77/78;ANT5-N1/3/7/40/41/77/78;ANT6-WIFI2.4G/5G;ANT7-GPS L1+2.WIFI2.4G

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
	NR n77/n78:3300-4200MHz
RF-Output Power (E.I.R.P)	GSM850/900: 32+/-2dBm
	DCS/PCS: 30+/-2dBm
	LTE B1/B2/B3/ B4/B5 /B7/B8/B12/B17/B20/B28/B38/B40/B41/B66: 23+/-2dBm
	WCDMA B1/B2/B4/B5/ B8: 23+/-2dBm
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE B5 NR n5:-3.45
	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
	NR n77/n78: -2.3
ENDC Antenna Gain (Peak Gain)	LTE B1 -1.7
	LTE B3 -2.1
	LTE B40 -2.2
GPS Antenna Gain	LTE B7/B38/B41 -2.5
WIFI/BT Antenna Gain	GPS L1 -0.42dBi
	2.4G-WIFI/BT-2.2 dBi/-2.8dBi
	5G-WIFI-0.52dBi;

※ Antenna Gain
Main Antenna

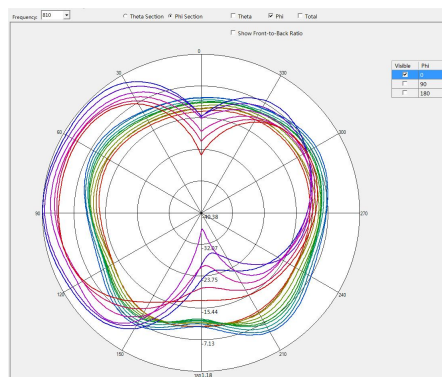




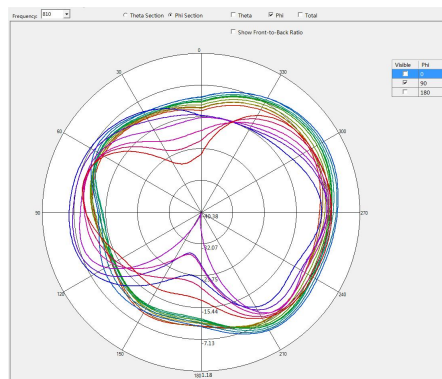
GSM850 / WCDMA B5 / LTE B5/B20 Theta=90deg

※ Antenna Gain

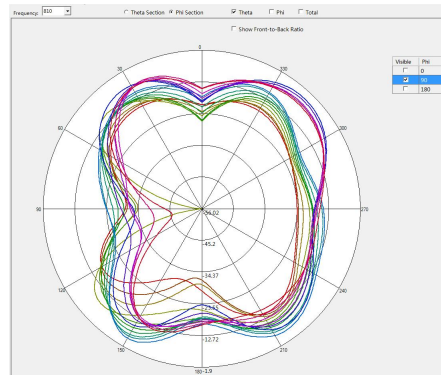
Main Antenna



LTE B40 Phi=0deg



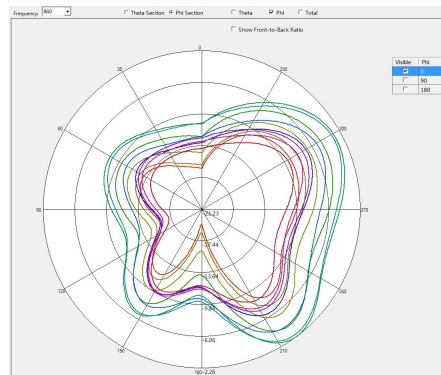
LTE B40 Phi=90deg



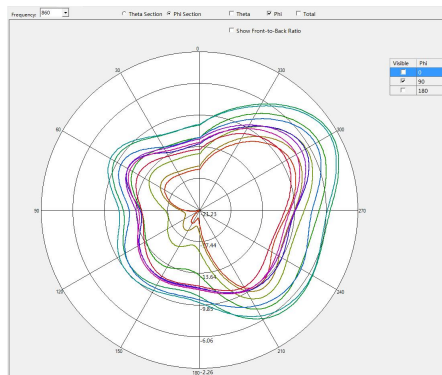
LTE B40 Theta=90deg

✂ Antenna Gain

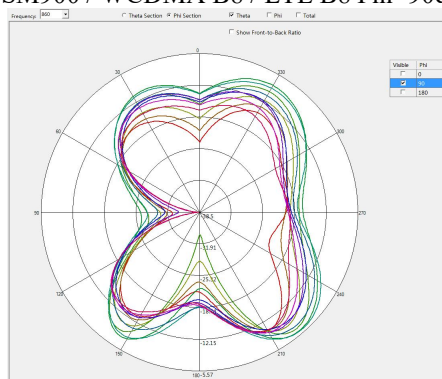
Main Antenna



GSM900 / WCDMA B8 / LTE B8 Phi=0deg



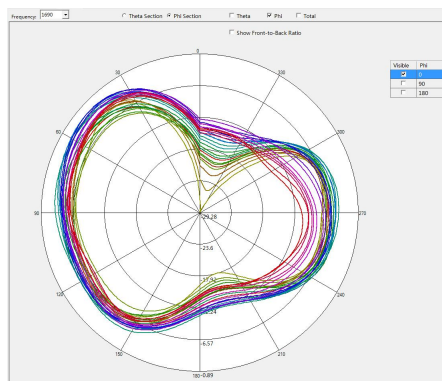
GSM900 / WCDMA B8 / LTE B8 Phi=90deg



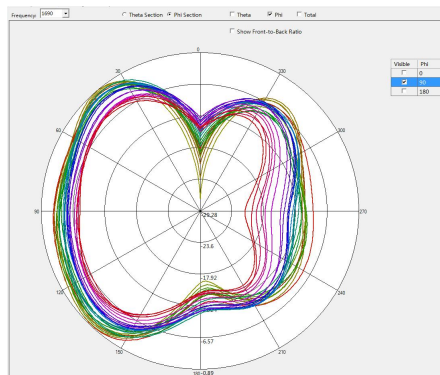
GSM900 / WCDMA B8 / LTE B8 Theta=90deg

※ Antenna Gain

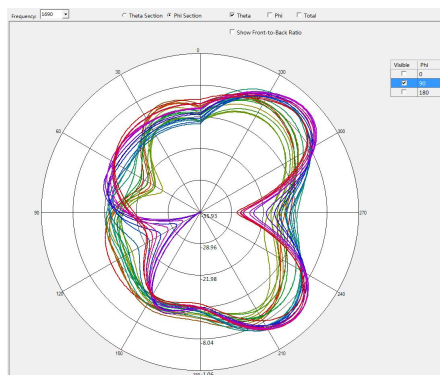
Main Antenna



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



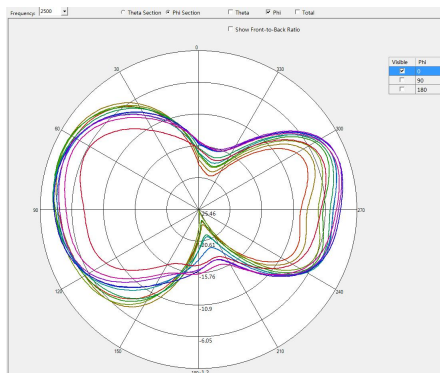
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Phi=90deg



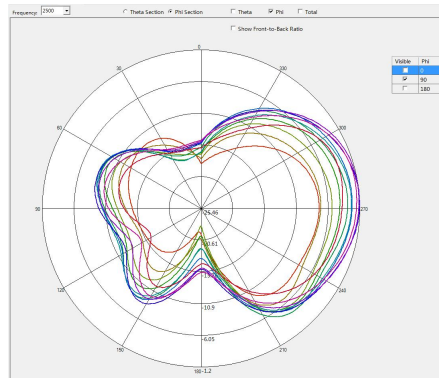
DCS1800/PCS1900/WCDMA B1/B2/B4/ LTE B1/B2/B3/B4 Theta=90deg

✂ Antenna Gain

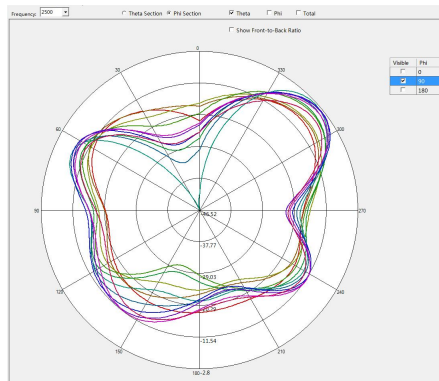
Main Antenna



LTE B7/B38/41 Phi=0deg



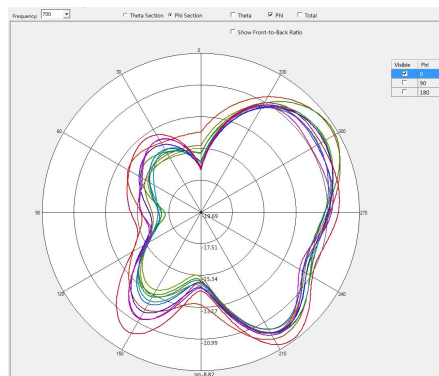
LTE B7/B38/41 Phi=90deg



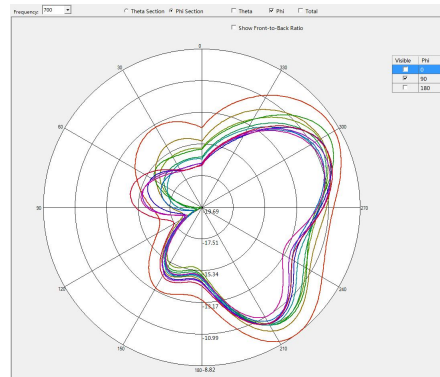
LTE B7/B38/41 Theta=90deg

※ Antenna Gain

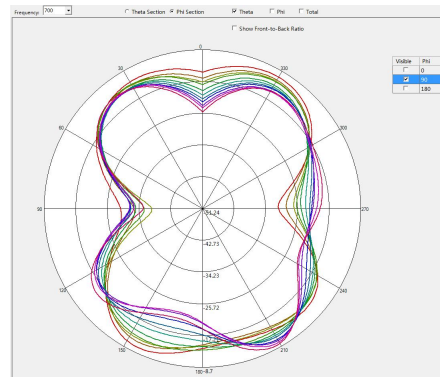
Main Antenna



LTE B28/12/17 Phi=0deg

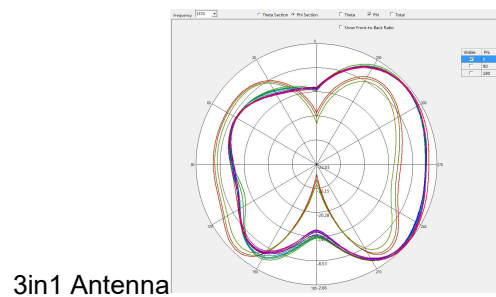


LTE B28/12/17 Phi=90deg



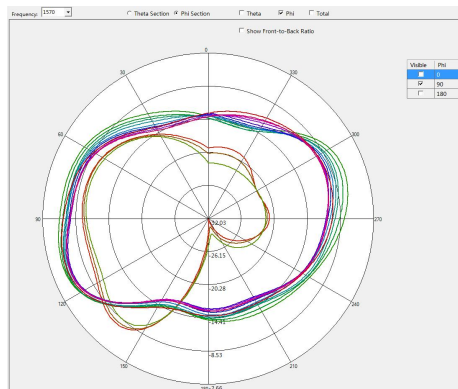
LTE B28/12/17 Theta=90deg

✂ Antenna Gain

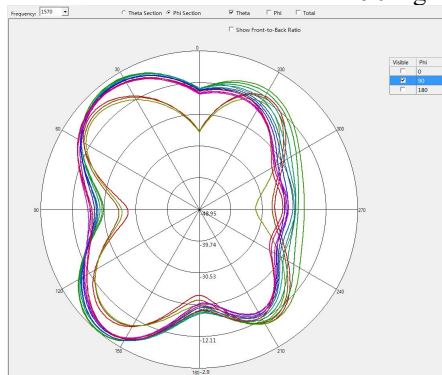


3in1 Antenna

GPS&2.4G WIFI&BT Phi=0deg

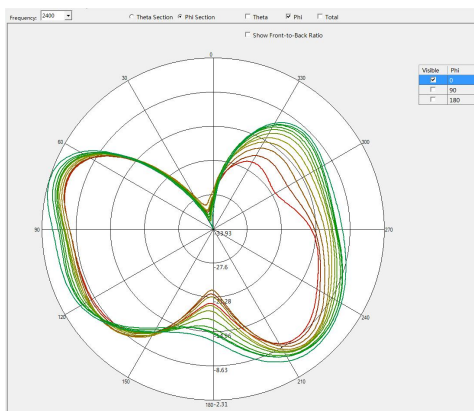


GPS&2.4G WIFI&BT Phi=90deg

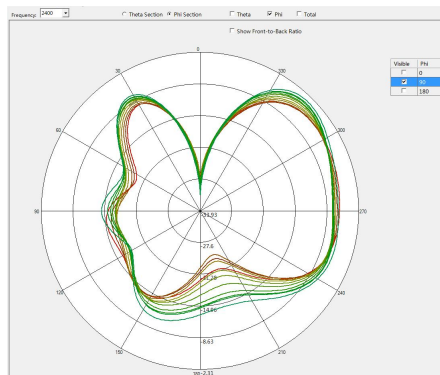


GPS&2.4G WIFI&BT Theta=90deg

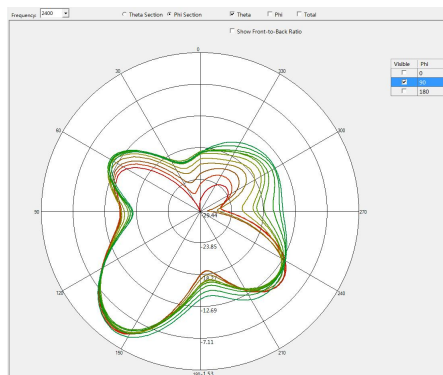
※ Antenna Gain
2.4G WIFI Antenna



2.4G WIFI Phi=0deg

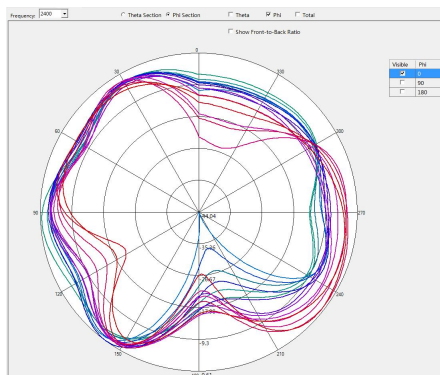


2.4G WIFI Phi=90deg

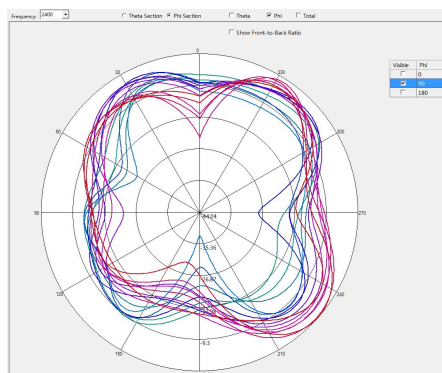


2.4G WIFI Theta=90deg

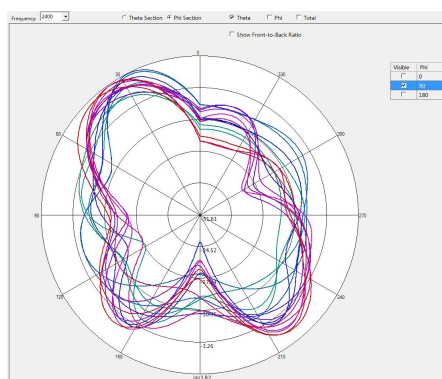
✂ Antenna Gain 5G WIFI Antenna



5G WIFI Phi=0deg

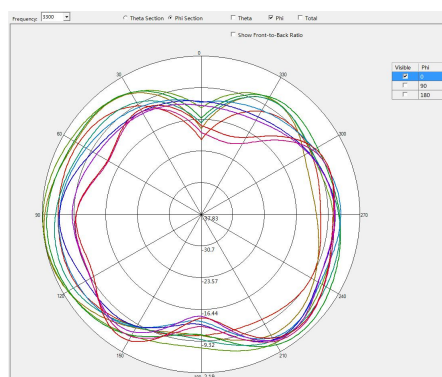


5G WIFI Phi=90deg

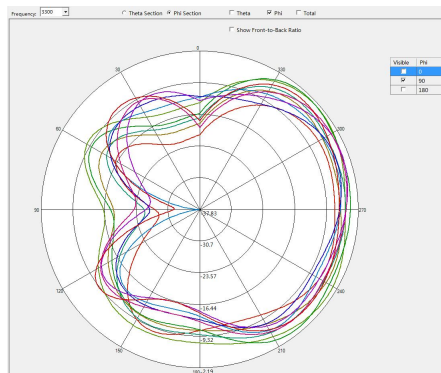


5G WIFI Theta=90deg

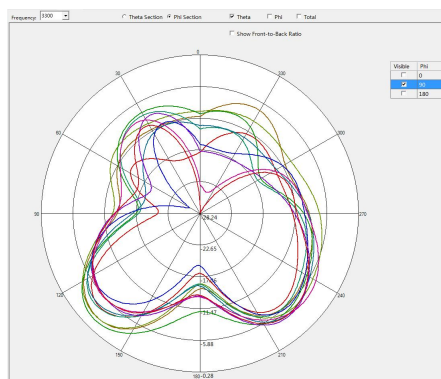
※ Antenna Gain
N77/78 Antenna



N77/78 Phi=0deg



N77/78 Phi=90deg



N77/78 Theta=90deg

PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
	Yuehua.sun		DATE:	2021/1/18