

Feature

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

Application

- ※ GSM 850/PCS 1900
- WCDMA 1900/WCDMA1700/WCDMA850
- FDD 2-4-5-7-12-17-26-28-66
- TDD 38-40-41
- communication applications

Supplier Information:

Supplier:Sunnyway Technology (China) Co., Ltd

Address:1F,Building4,No.99,Lane215,GaoGuangRoad,QingPuDistrict,201702,Shanghai,PRC

The antenna model:

The main antenna:SY-A631L-MAIN-V1.0

Diversity antenna:SY-A631L-DIV-V1.0

WCN antenna:SY-A631L-WCN-V1.0

Electric Specifications

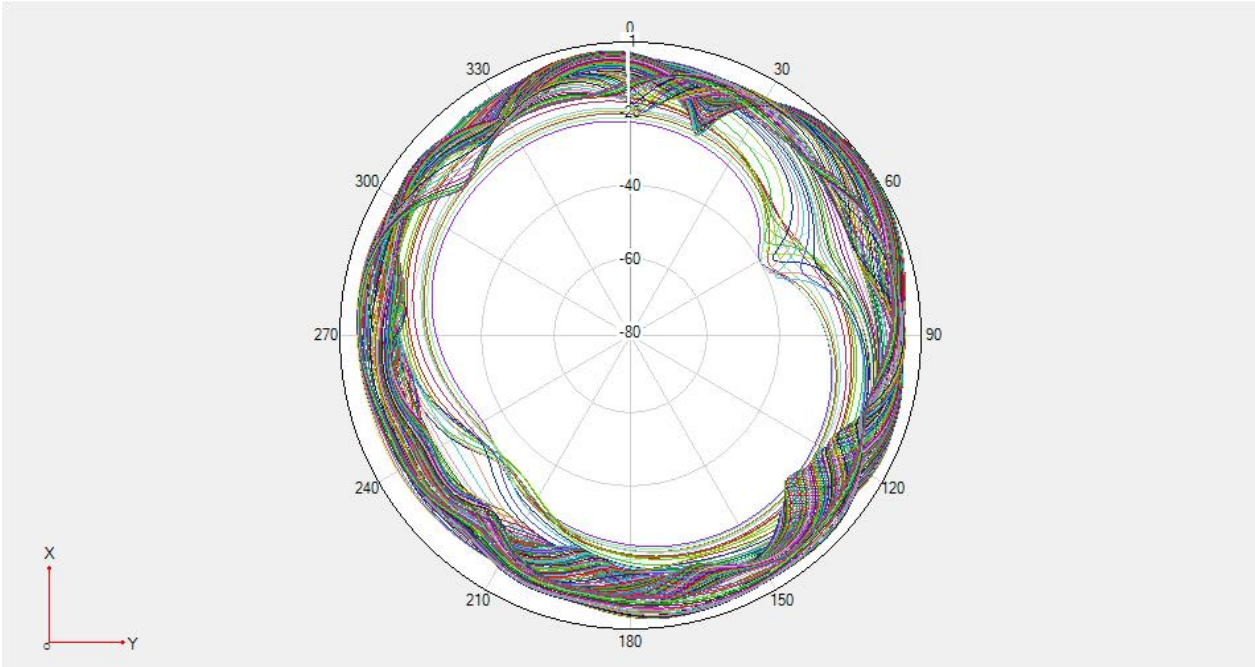
TYPE	FPC
Transmitter Frequency	GSM850: 824-849MHz (TX) PCS1900: 1850-1910MHz (TX) WCDMA band II: 1850~1910MHz(TX) WCDMA band IV: 1710~1755 MHz(TX) WCDMA band V: 824 - 849MHz(TX) LTE B2: 1850~1910MHz(TX) LTE B4: 1710~1755 MHz(TX) LTE B5: 824-849MHz (TX) LTE B7: 2500~2570MHz(TX) LTE B12: 699 ~716 MHz(TX) LTE B17: 704 ~716 MHz(TX) LTE B26: 814-849MHz (TX) LTE B28: 703~748MHz(TX) LTE B66: 1710~1780 MHz(TX) LTE B38:2570~2620 MHz (TX) LTE B40:2300~2400 MHz (TX) LTE B41: 2535~2655MHz(TX) WIFI:2412 -2472 MHz Bluetooth:2408 - 2480 MHz

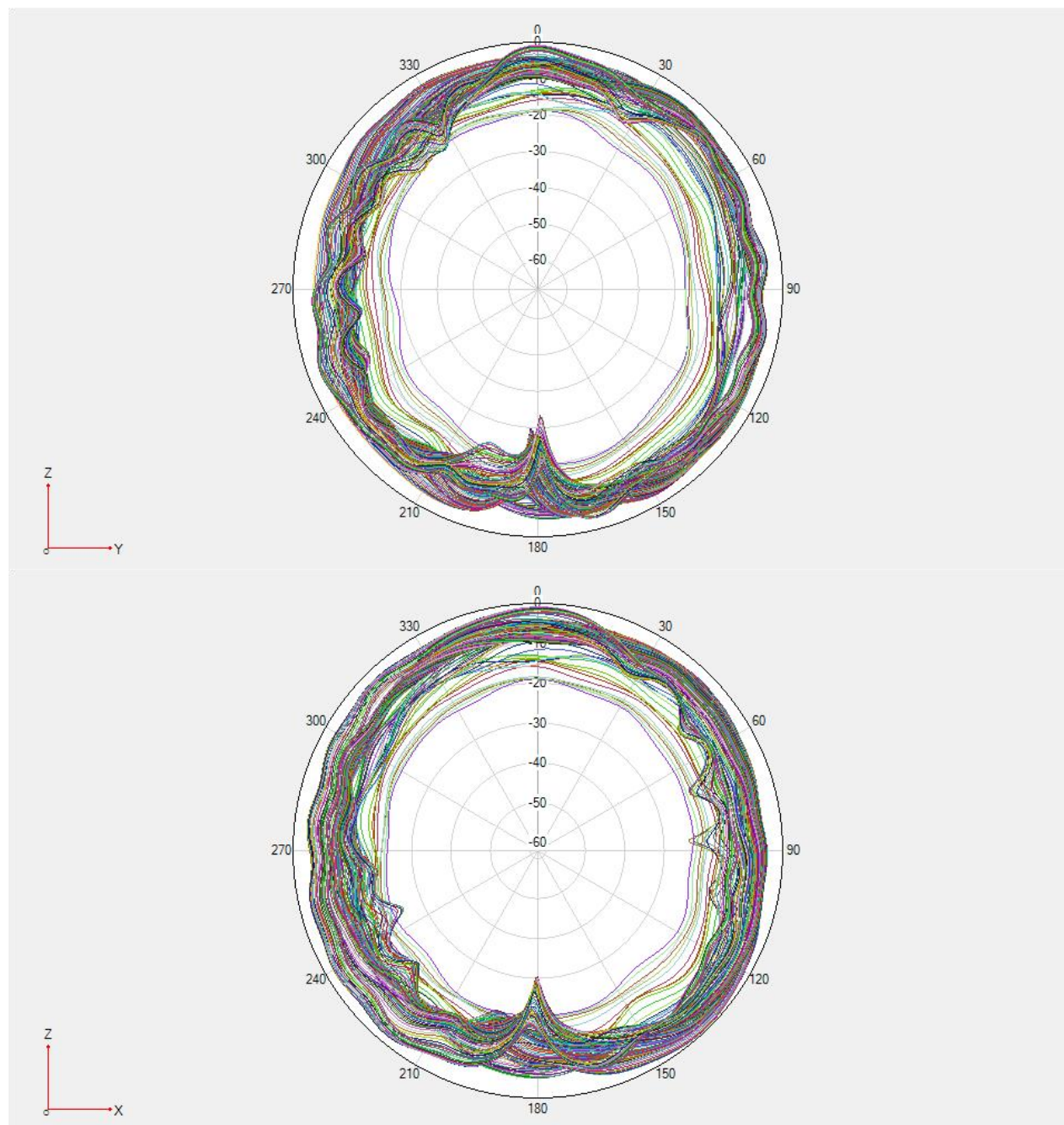
	GPS:1575.42MHz
Receiver Frequency	GSM850: 869-894MHz (RX) PCS1900: 1930-1990MHz (RX) WCDMA band II: 1930~1990MHz(RX) WCDMA band IV: 2110~2155MHz(RX) WCDMA band V: 869 - 894MHz(RX) LTE B2: 1930~1990MHz(RX) LTE B4: 2110~2155MHz(RX) LTE B5: 869-894MHz (RX) LTE B7: 2620~2690MHz(RX) LTE B12: 729~746MHz(RX) LTE B17: 34~746MHz(RX) LTE B26: 859-894MHz (RX) LTE B28: 758~805MHz(RX) LTE B66: 2110~2180MHz(RX) LTE B38: 2570~2620MHz(RX) LTE B40: 2300~2400MHz(RX) LTE B41: 2535~2655MHz(RX) WIFI:2412 -2472 MHz Bluetooth:2408 - 2480 MHz GPS:1575.42MHz
RF-Output Power (E.I.R.P)	GSM900: 33+/-2dBm DCS1800:30+/-2dBm WCDMA 850: 21.5+/-2dBm WCDMA 900: 21.5+/-2dBm WCDMA 2100: 21.5+/-2dBm LTE B1:22+/-2dBm LTE B3:22+/-2dBm LTE B5:22+/-2dBm LTE B7:22+/-2dBm LTE B8:22+/-2dBm LTE B20:22+/-2dBm LTE B28:22+/-2dBm LTE B38:22+/-2dBm LTE B40:22+/-2dBm LTE B41:22+/-2dBm

Antenna Gain	GSM850: -1.34dBi PCS1900: 0.94dBi WCDMA 850:-1.15dBi WCDMA 1700:-1.28dBi WCDMA 1900:0.76dBi LTE B2:0.81dBi LTE B4:-1.16dBi LTE B5:-1.28dBi LTE B7:0.69dBi LTE B12:-1.52dBi LTE B17:-1.41dBi LTE B26:-1.34dBi LTE B28:-1.54dBi LTE B38:0.57dBi LTE B40:-0.53dBi LTE B41:0.61dBi LTE B66:-0.71dBi WIFI\BT: -1.67dBi GPS:-0.88dBi
Type of Modulation	GMSK/8PSK/QPSK/16QAM/64QAM/GFSK, $\pi/4$ -DQPSK,8DPSK

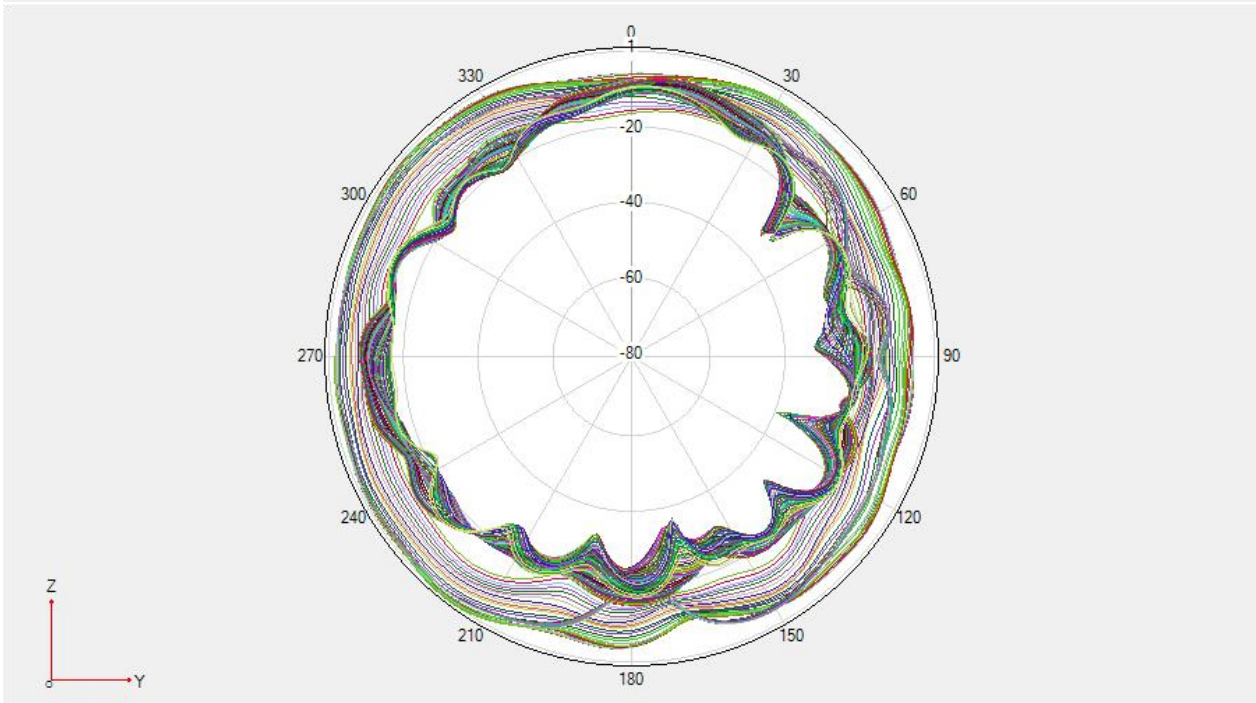
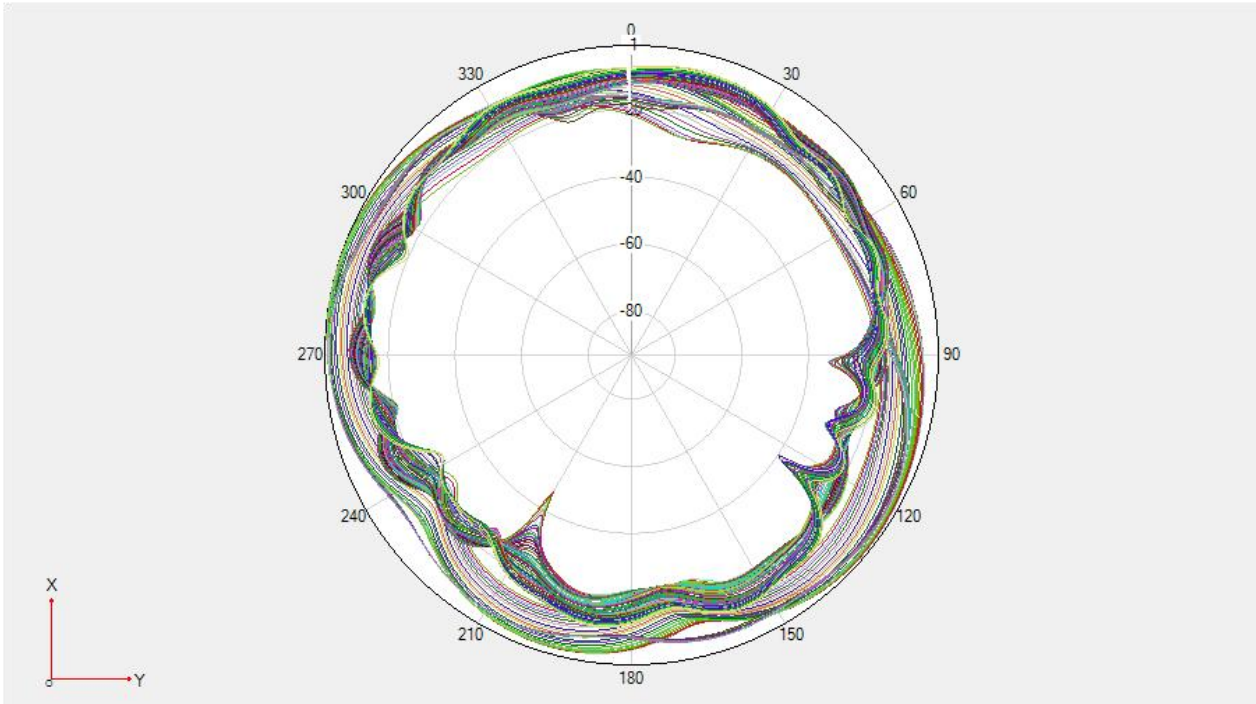
※ Antenna Gain

Main Antenna





Three-in-one antenna



Trc1 S11 SWR 1 U/ Ref 1 U Cal Offs Trc8 S11 Smith 200 mU/ Ref 1 U Cal Offs
Mem9[Trc8] S11 Smith 200 mU/ Ref 1 U Offs Mem10[Trc1] S11 SWR 1 U/ Ref 1 U Offs

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