

Manufacture: Speed Wireless Technical Co., LTD.

Factory: Add: No.99, Weixin Road SIP Suzhou JiangSu Province China

Model:

Main:F-2A-KQ-0063-000-Y0

DIV: F-2A-KQ-0064-000-Y0

BT/WIFI/GPS:F-2A-KQ-0065-000-Y0

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/B20/B28/B38/B40/B41

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 B20:832-862MHz
	LTE B28:710-755MHz
	LTE B40:2300-2400MHz
	LTE B38:2580-2610MHz
	LTE B41:2506-2680MHz
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
	PCS/WCDMA B2/LTE B2 :1930-1990MHz
	WCDMA B1/B4/LTE B1/B4: 2110 – 2170MHz
	LTE B7:2620-2690MHz

	LTE B20:791-821MHz
	LTE B28:758-803MHz
	LTE B40:2300-2400MHz
	LTE B38:2580-2610MHz
	LTE B41:2506-2680MHz
RF-Output Power (E.I.R.P)	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
Main Antenna Gain (Peak Gain)	GSM 850/WCDMA B5/LTE B5/B20: -4.1
	GSM 900/WCDMA B8/LTE B8: -3.9
	DCS/ /LTE B3: -0.8
	WCDMA B4/LTE B4: -0.8
	PCS1900/WCDMA B1/B2/LTE B1/2: -0.1
	LTE B7: -0.8
	LTE B40: -0.9
	LTE B38/B41: -0.8
	LTE B28:-4.3
3in1 Antenna Gain (Peak Gain)	GPS:0. 7
	WIFI 2.4G:0.8 5G:-0.4
Type of Modulation	

※ Antenna Gain

communication applications

GSM、WCDMA、LTE、WIFI&BT、GPS antenna gain:

GSM 850 average: -4.1dBi;

EGSM 900 average:-3.9dBi;

DCS1800 average: :-0.8dBi;

PCS1900 average:- 0.1dBi

WCDMA850 average: -4.1dBi

WCDMA900 average: -3.9dBi

WCDMA1700 average: -0.8dBi

WCDMA1900 average: -0.1dBi

WCDMA2100 average: -0.1dBi

LTE FDD B1 average: -0.1dBi;

LTE FDD B2 average: -0.1dBi;

LTE FDD B3 average: -0.8dBi;

LTE FDD B4 average: -0.8dBi

LTE FDD B5 average: -4.1dBi;

LTE FDD B7 average: -0.8dBi;

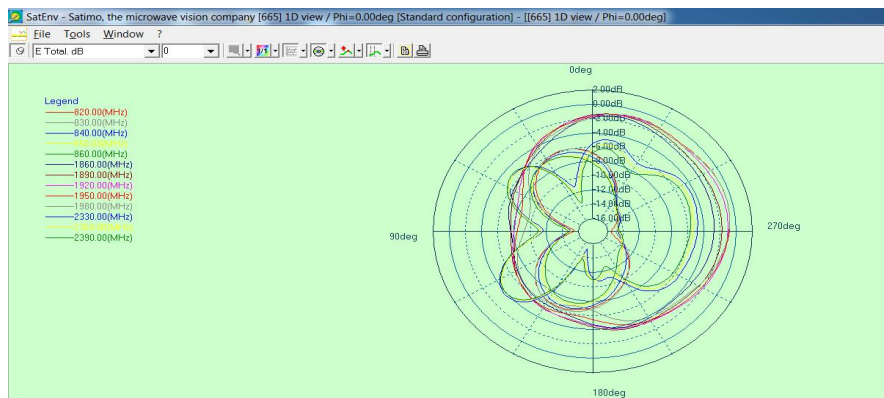
LTE FDD B8 average: -3.9dBi;

LTE FDD B20 average:-4.1dBi;

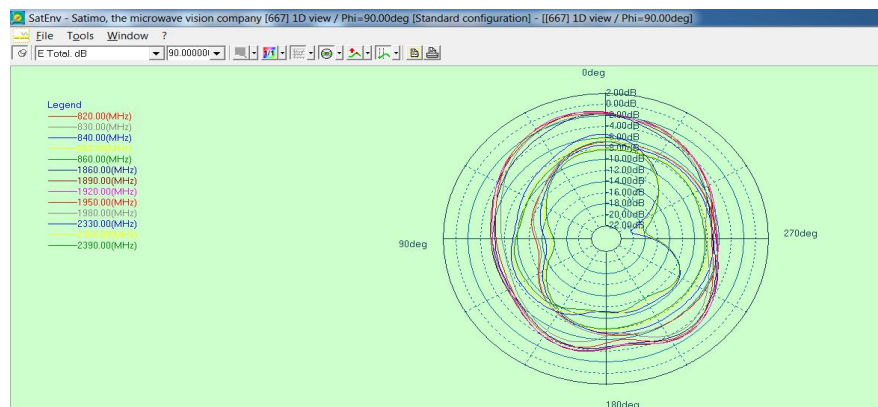
LTE FDD B28 average:-4.7dBi;

LTE FDD B38 average: -0.8dBi
 LTE FDD B40 average: -0.9dBi
 LTE FDD B41 average: -0.8dBi
 Bluetooth/2.4GWi-Fi average: 0.8dBi
 5GWi-Fi average: -0.4dBi
 GPS average: 0.7dBi

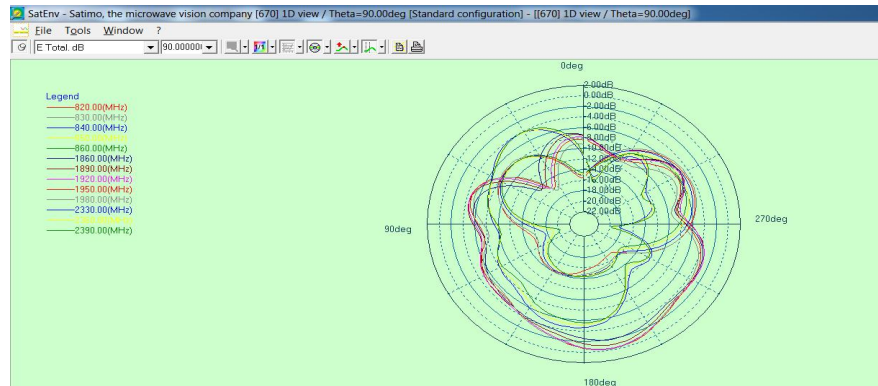
✂ Antenna Gain Main Antenna



GSM850/PCS1900/WCDMA B1/B2/B5/LTE B1/B2/B5/B20 Phi=0deg



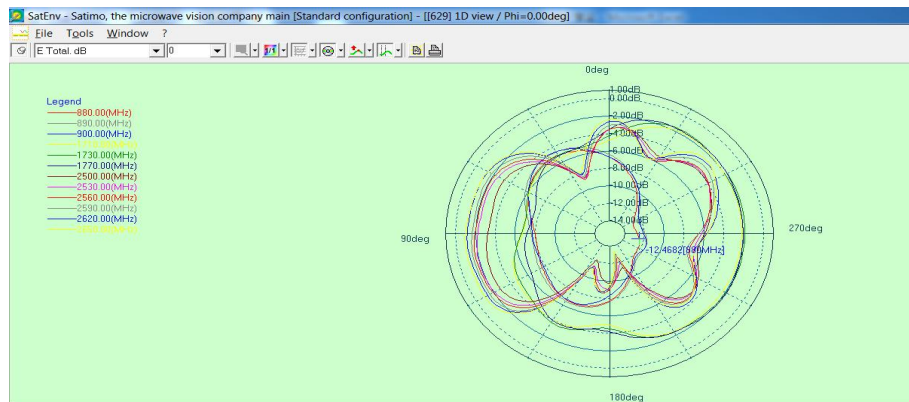
GSM850/PCS1900/WCDMA B1/B2/B5/LTE B1/B2/B5/B20 Phi=90deg



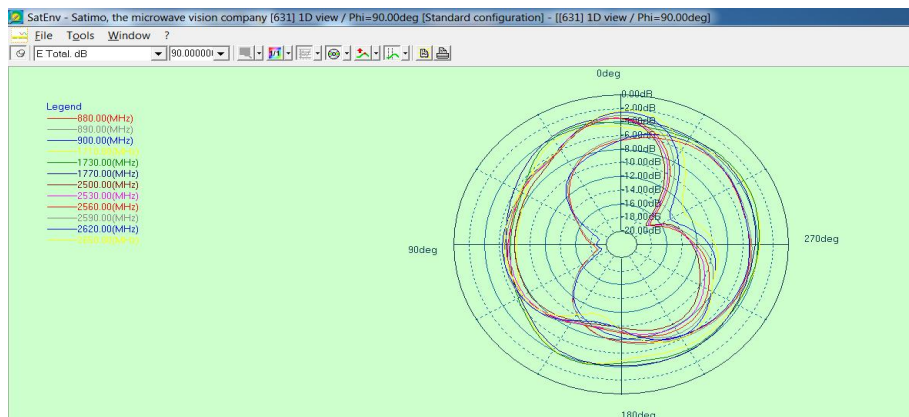
GSM850/PCS1900/WCDMA B1/B2/B5/LTE B1/B2/B5/B20 Theta=90deg

✂ Antenna Gain

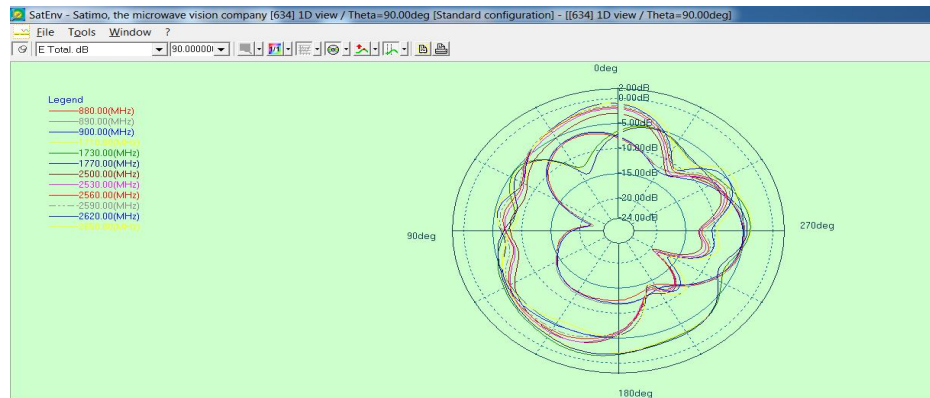
Main Antenna



GSM900 / DCS1800/ WCDMA B4/B8 / LTE B3/B4/B8 Phi=0deg

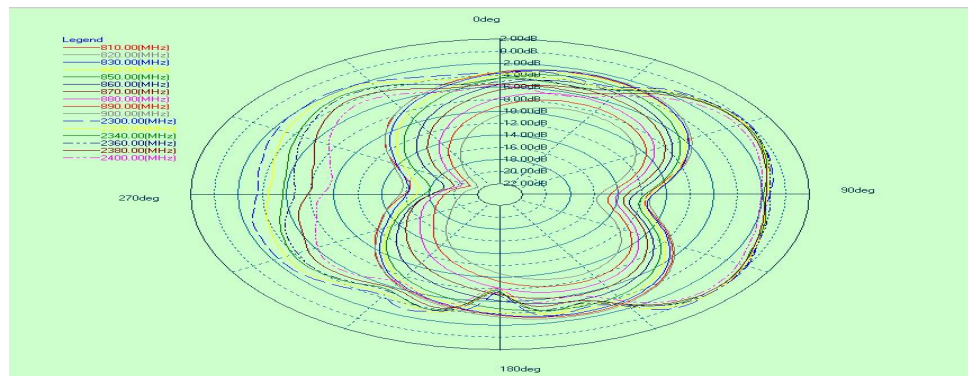


GSM900 / DCS1800/ WCDMA B4/B8 / LTE B3/B4/B8 Phi=90deg

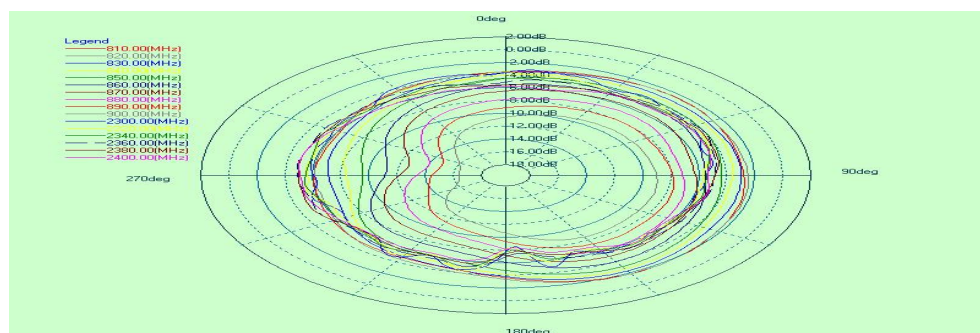


GSM900 / DCS1800/ WCDMA B4/B8 / LTE B3/B4/B8 Theta=90deg

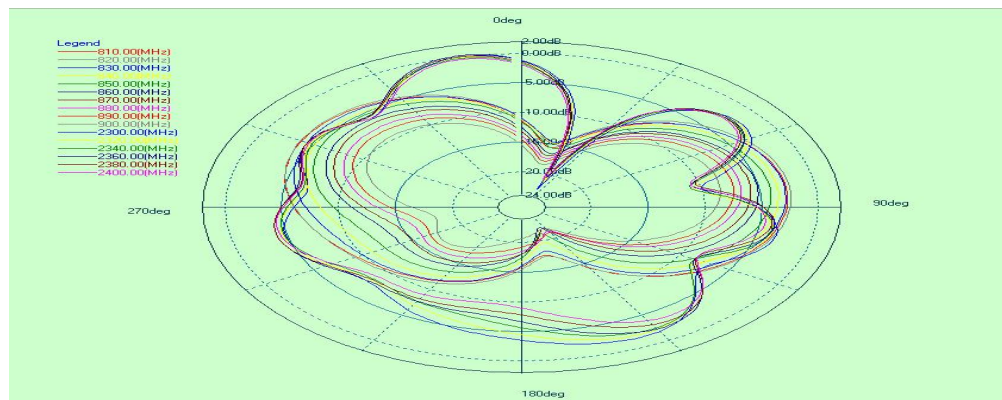
✂ Antenna Gain
Main Antenna



LTE B40 Phi=0deg



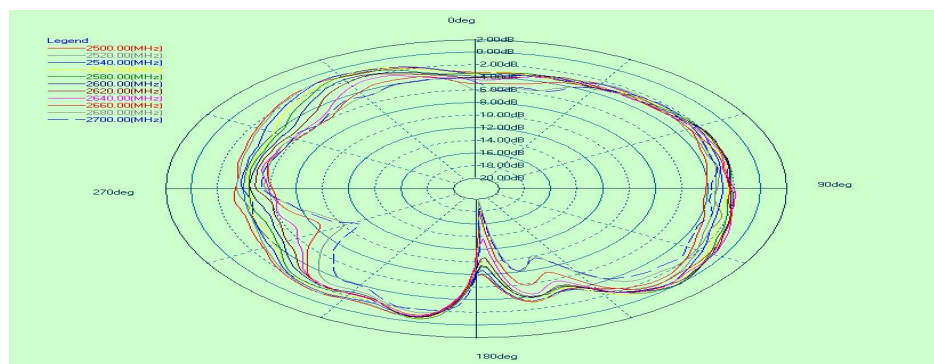
LTE B40 Phi=90deg



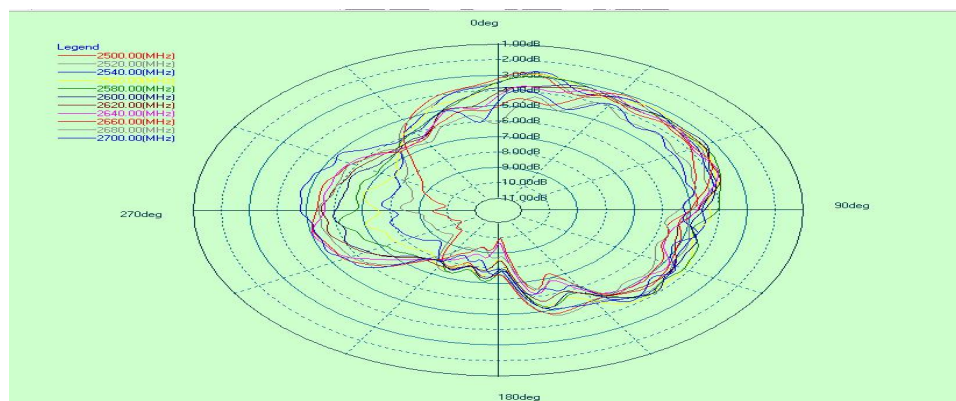
LTE B40 Theta=90deg

✖ Antenna Gain

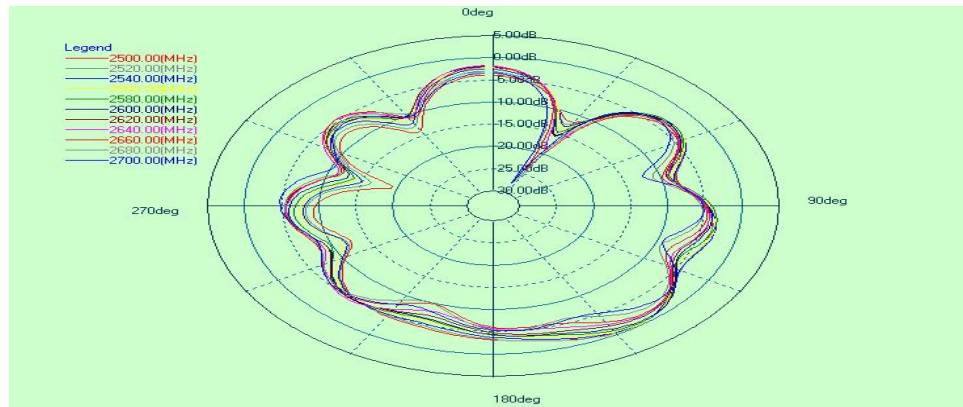
Main Antenna



LTE B7/B38/41 Phi=0deg



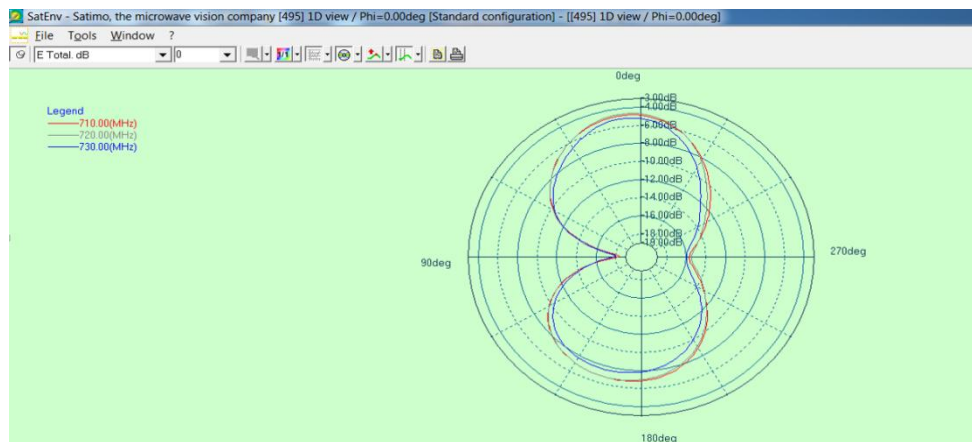
LTE B7/B38/41 Phi=90deg



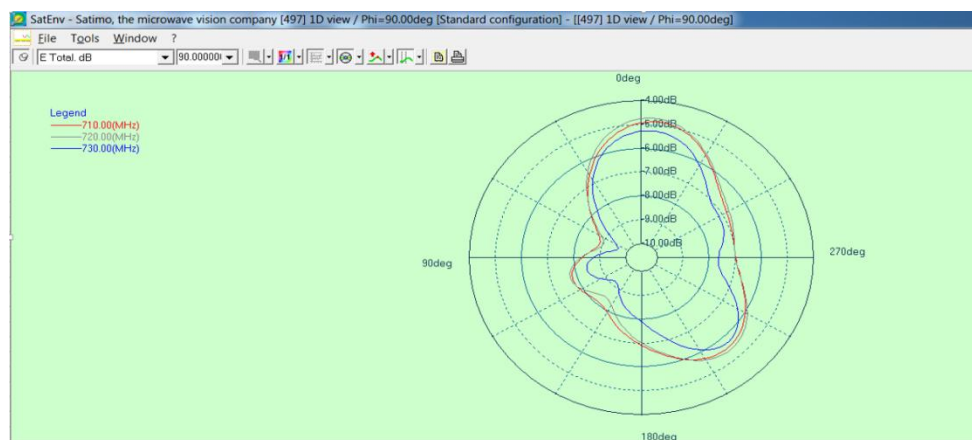
LTE B7/B38/41 Theta=90deg

※ Antenna Gain

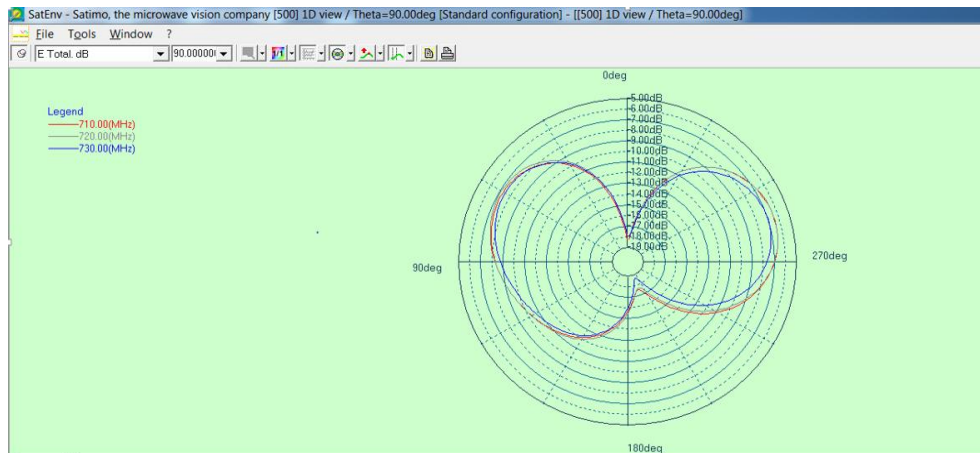
Main Antenna



LTE B28 Phi=0deg



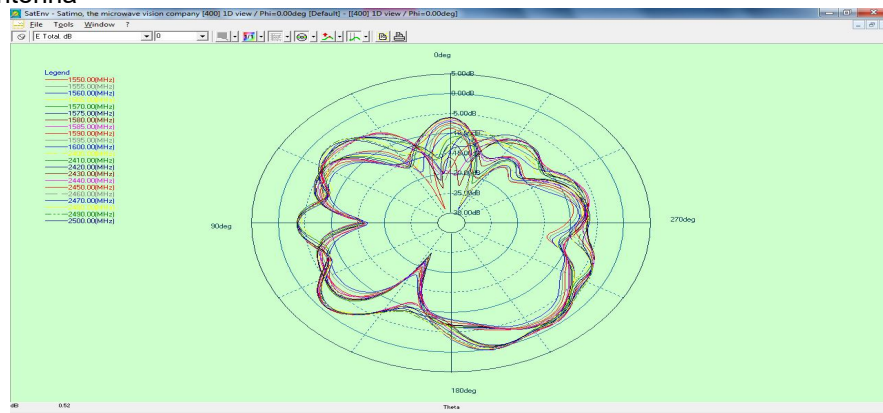
LTE B28 Phi=90deg



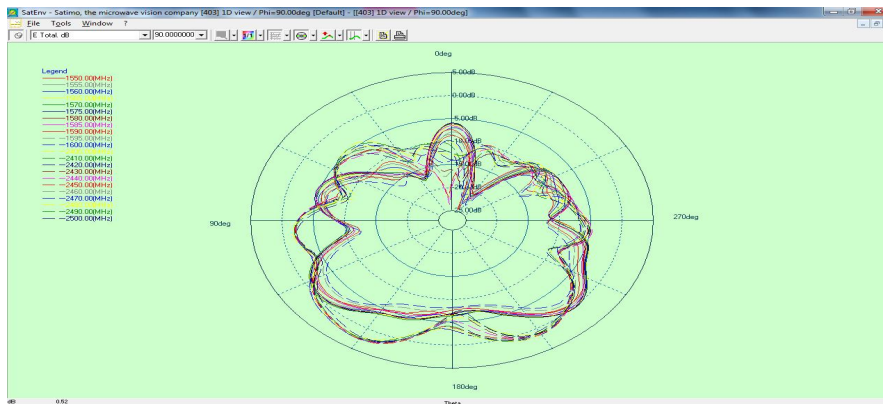
LTE B28 Theta=90deg

※ Antenna Gain

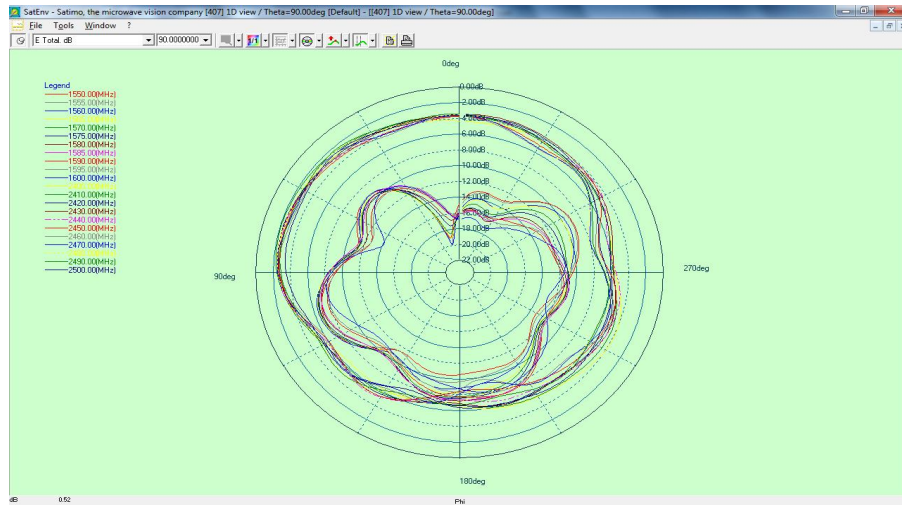
3in1 Antenna



GPS&2.4G WIFI Phi=0deg

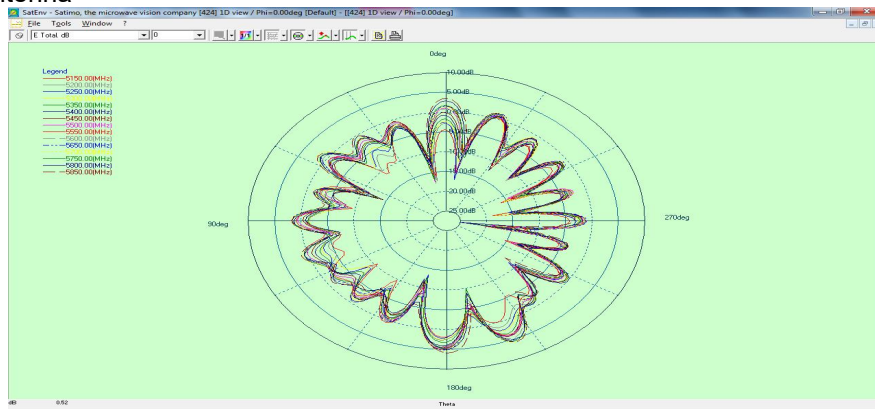


GPS&2.4G WIFI& Phi=90deg

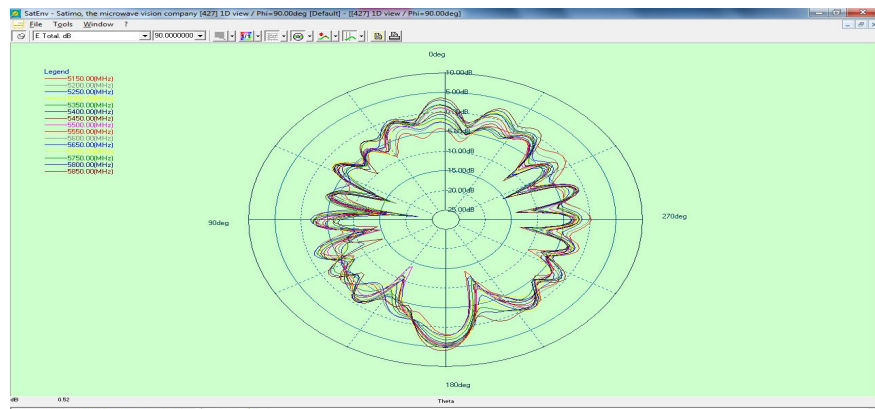


GPS&2.4G WIFI Theta=90deg

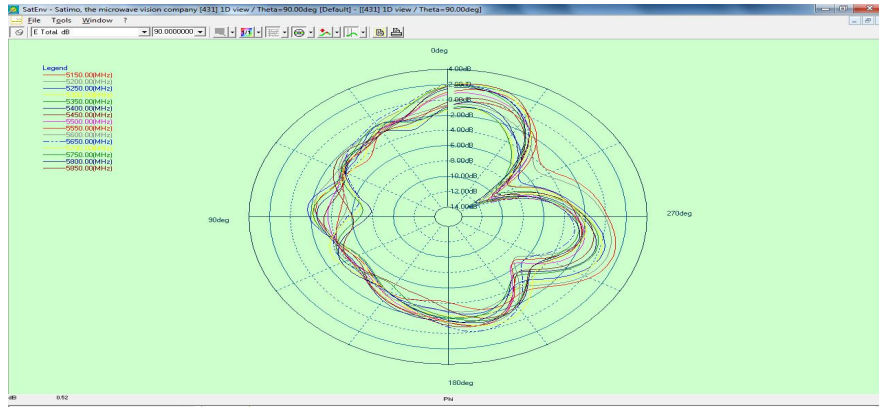
✂ Antenna Gain
3in1 Antenna



5G WIFI Phi=0deg



5G WIFI Phi=90deg



5G WIFI Theta=90deg

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			DATE:	