



深圳市安特通讯科技有限公司

Shenzhen ANT Communication Technology Co., LTD.

701, Building A, No. 10 Jiangfu Road, Xinzhuang Community, Matian Street,
Guangming District, Shenzhen, China

Antenna specification

Customer name: little pepper

Project name: A88B

Antenna picture:



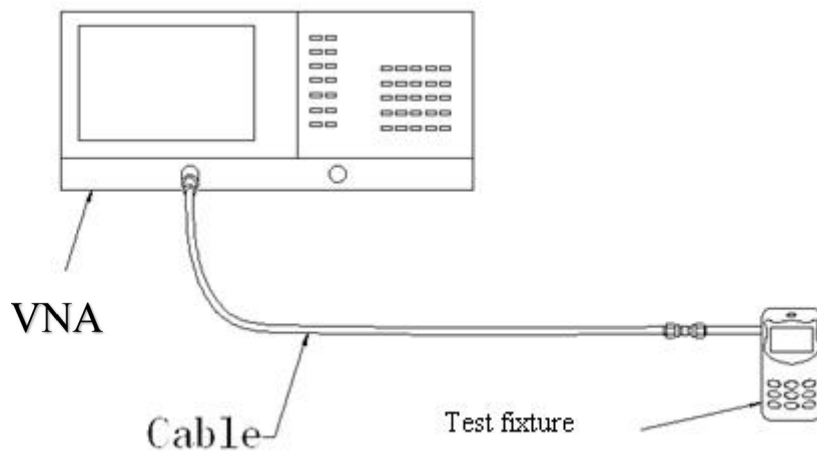
Antenna passive testing data

3.1 S11 Description of the test method

Test the equipment: Vector network analyzer (Agilent E5071C)

Test methodology: Use a 50 ohm CABLE cable to export from the instrument test port, use the calibration piece to calibrate and connect the SMA connector of the test fixture, and record the return loss and standing wave ratio corresponding to the relevant frequency point.

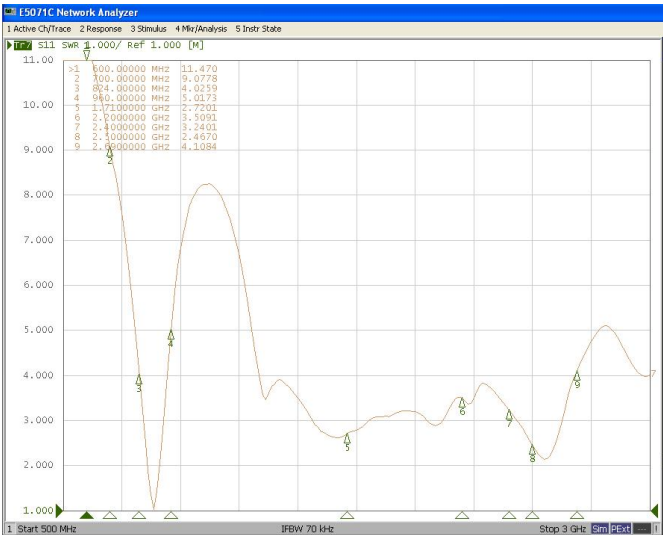
Below is a schematic picture of the test:



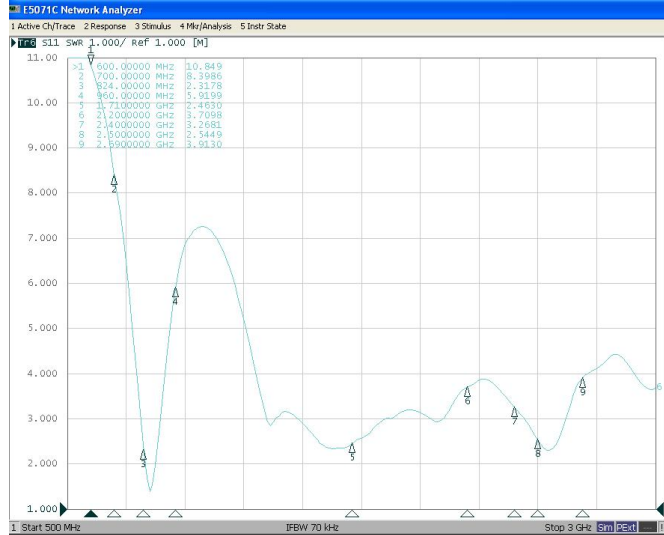
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2G&3G&4G VSWR

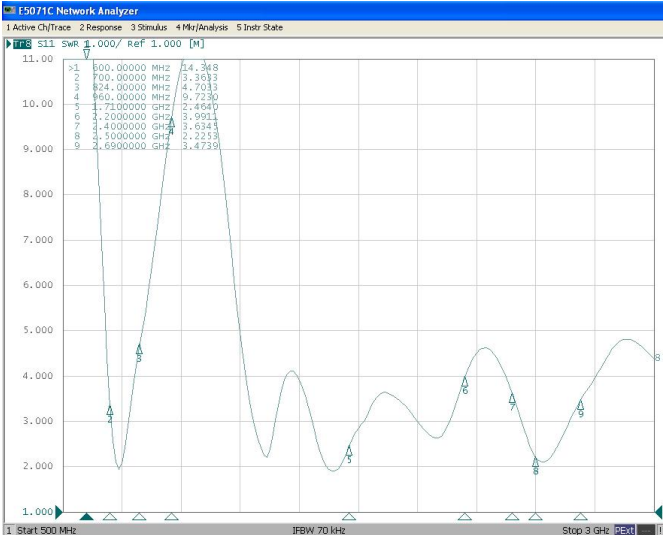
Antenna tuner works in RF1 channel



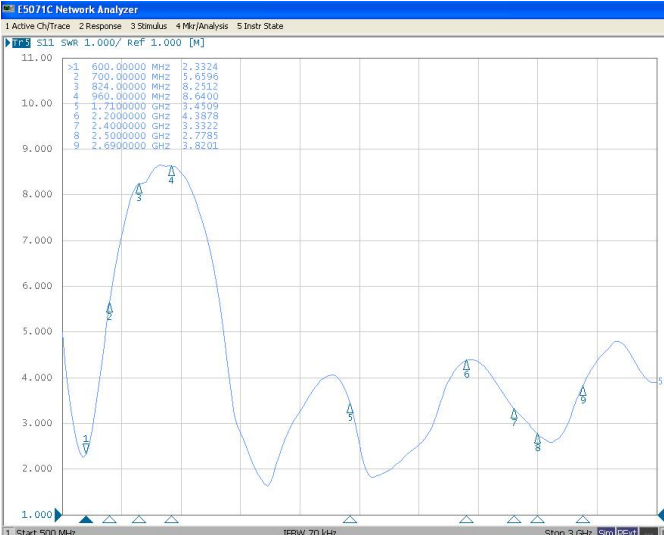
Antenna tuner works in RF2 channel



Antenna tuner works in RF3 channel

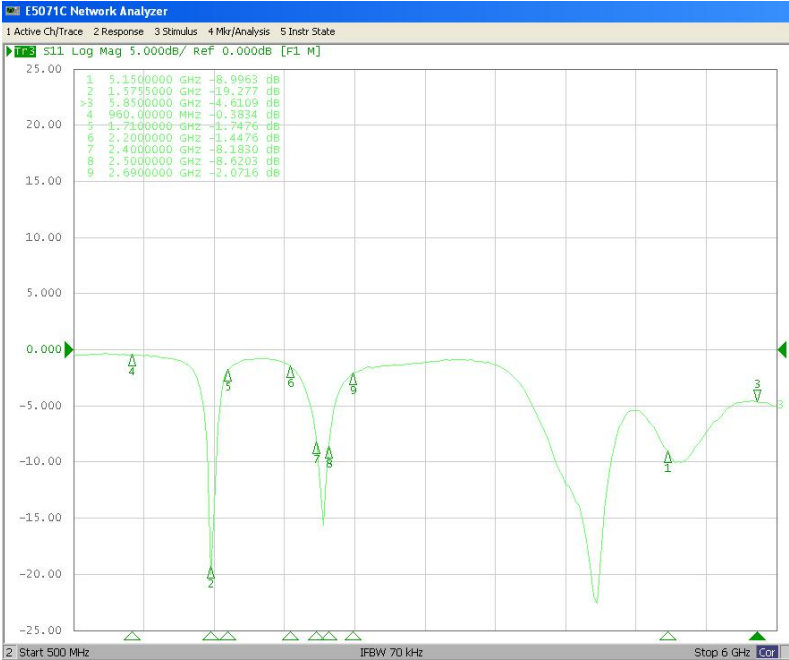


Antenna tuner works in RF4 channel



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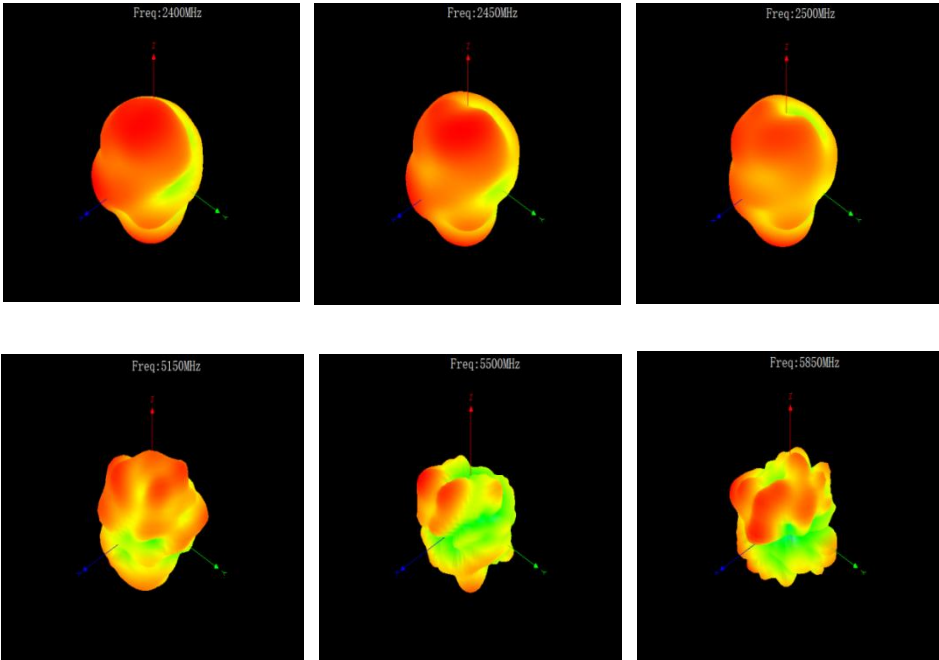
Bluetooth&WIFI VSWR



Bluetooth&WIFI Antenna gain

Band	Frequency	Gain (dBi)
Bluetooth&2.4G WIFI	2400-2500MHz	1.6
5G WIFI	5000-6000MHz	2.3

Radiation pattern

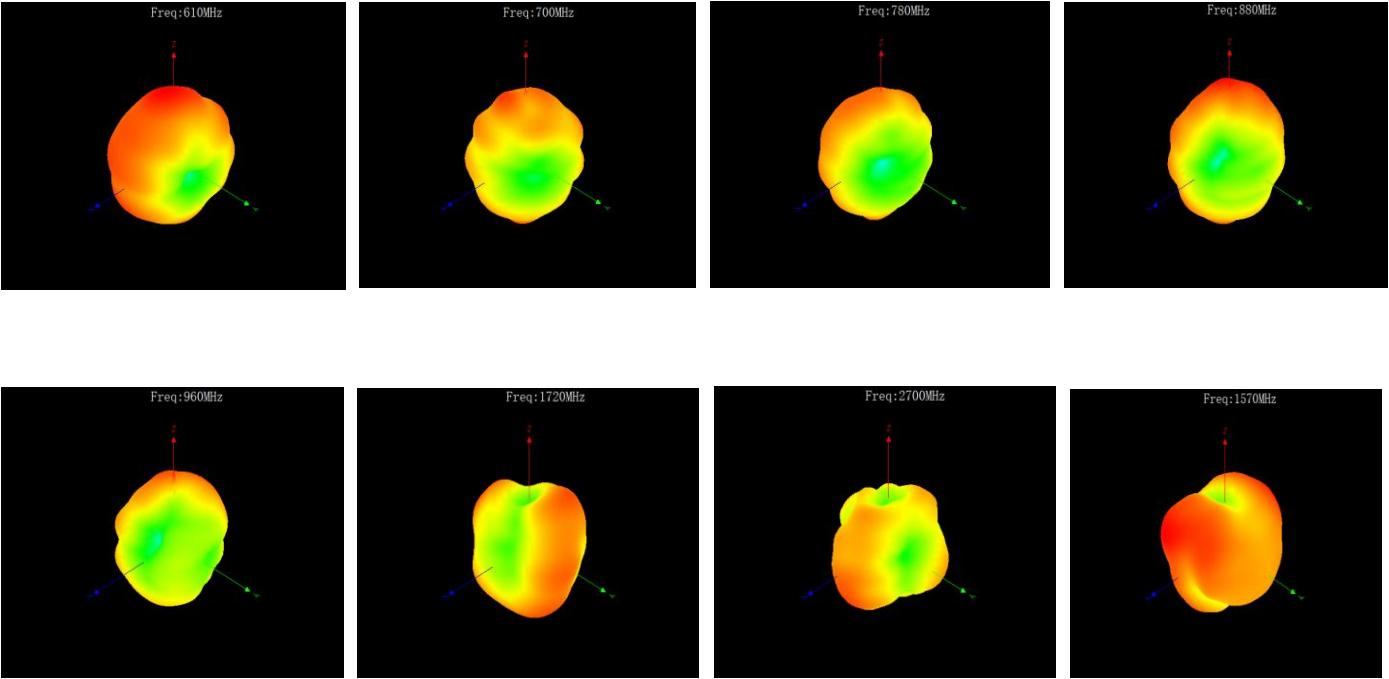


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2G&3G&4G Antenna gain

Band	Frequency	Gain (dBi)	Band	Frequency	Gain (dBi)
GSM850	824-849MHz	-1.3	LTE B5	824-849MHz	-1.3
PCS1900	1850-1910MHz	0.3	LTE B12	700-716MHz	-1.4
WCDMA II	1845 1915MHz	0.5	LTE B25	1850 1915MHz	0.5
WCDMA IV	1710-1785MHz	0.6	LTE B26	814-844MHz	-1.3
WCDMA V	824-849MHz	-1.3	LTE B41	2496-2690MHz	1.1
LTE B2	1845 1915MHz	0.5	LTE B66	1710 1785MHz	0.6
LTE B4	1710-1785MHz	0.6	LTE B71	617-656MHz	-1.7

Radiation pattern



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2G&3G&4G Main ANT:

