

A/D:

2G:

GSM 850/DCS1800;

3G:

WCDMA B1/B8;

4G:

LTE FDD B1/B3/B7/B8/B20/B28A/40

B/E:

2G:

GSM 850/DCS1800/EGSM 900

3G:

WCDMA B1/B5/B8;

4G:

LTE FDD B1/B3/B5/B8/B38/B40/41;

C/F:

2G:

GSM 850/DCS1800/EGSM 900/PCS1900;

3G:

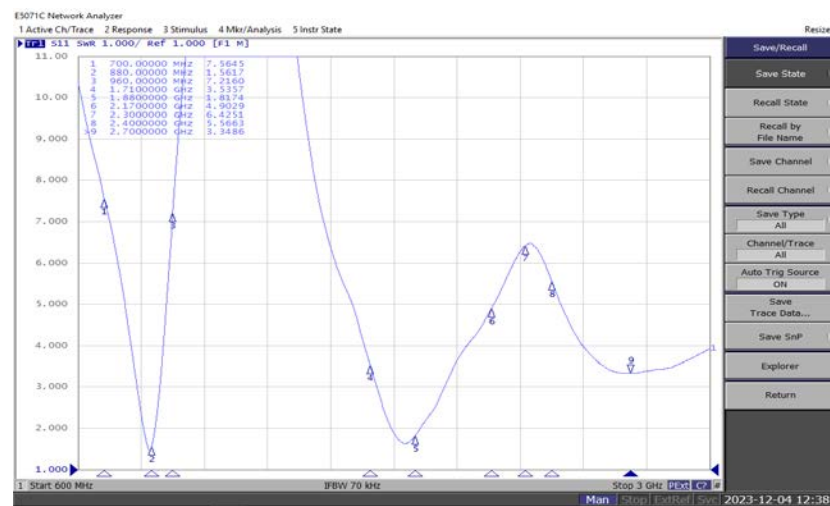
WCDMA B1/B2/B4/B5/B8;

4G:

LTE FDD B1/B2/B3/B4/B5/B7/B8/B12/B20/B17/B26/B28A/B28B/
B38/B40/B41/B66;

Top Antenna

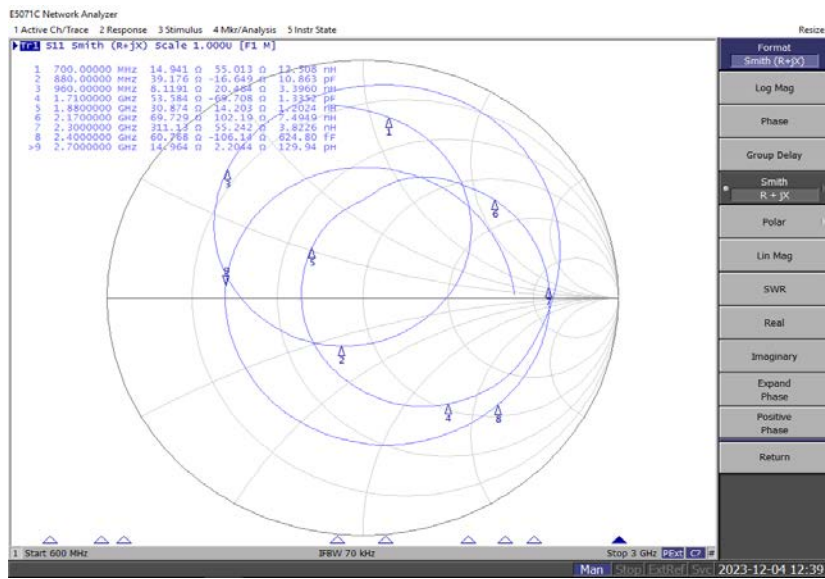
VSWR:



RL:



SMITH:



Top Antenna gain:

GSM 850 average: -7dBi;

EGSM 900 average: -6dBi;

DCS1800 average: -6dBi;

PCS1900 average: -4.5dBi;

WCDMA B1 average: -4dBi;

WCDMA B2 average: -4.5dBi;

WCDMA B4 average: -6.5dBi;

WCDMA B5 average: -7dBi;

WCDMA B8 average: -6dBi;

LTE FDD B1 average: -4dBi;

LTE FDD B2 average: -4.5dBi;

LTE FDD B3 average: -6dBi;

LTE FDD B4 average: -6.5dBi;

LTE FDD B5 average: -7dBi;

LTE FDD B7 average: -5.5dBi;

LTE FDD B8 average: -6dBi;
 LTE FDD B12 average: -7dBi;
 LTE FDD B17 average: -7dBi;
 LTE FDD B20 average:-5dBi;
 LTE FDD B26 average:-7dBi;
 LTE FDD B28 average: -6dBi;
 LTE FDD B66 average: -6.5dBi;
 LTE FDD B38 average: -5.5dBi;
 LTE TDD B40 average: -5.5dBi;
 LTE TDD B41 average: -5.5dBi;

Bottom Antenna:

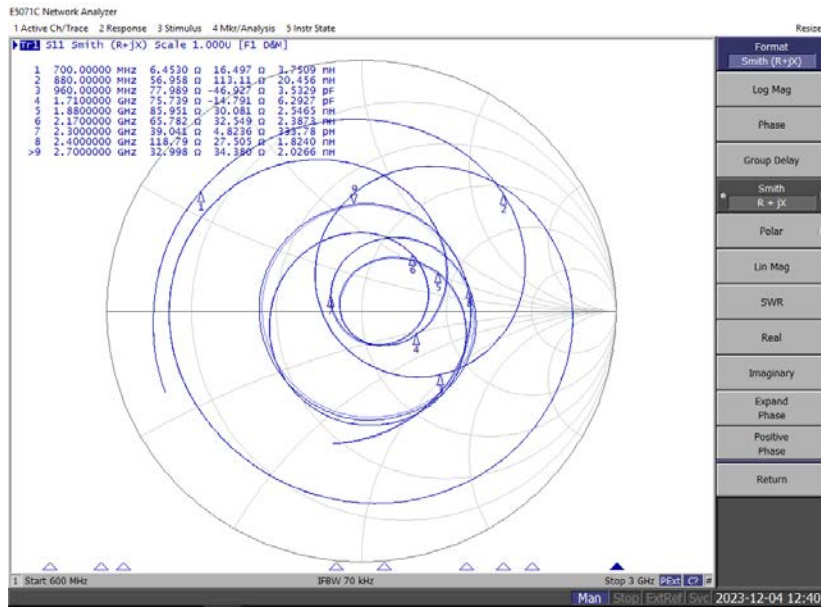
VSWR:



RL:



SMITH:



Bottom Antenna gain:

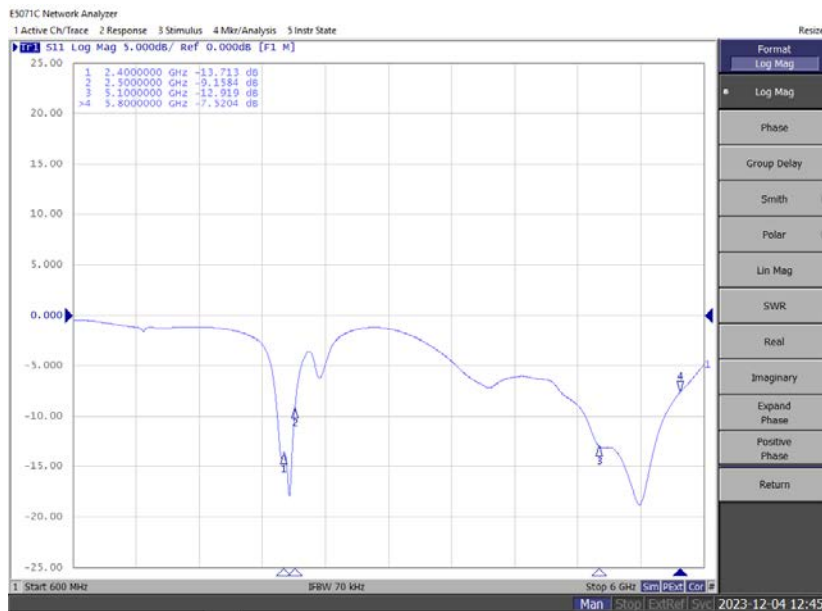
GSM 850 average: -8dBi;
 EGSM 900 average: -8.5dBi;
 DCS1800 average: -3dBi;
 PCS1900 average: -2dBi;
 WCDMA B1 average: -2dBi;
 WCDMA B2 average: -2dBi;
 WCDMA B4 average: -2dBi;
 WCDMA B5 average: -8dBi;
 WCDMA B8 average: -8.5dBi;
 LTE FDD B1 average: -2dBi;
 LTE FDD B2 average: -2dBi;
 LTE FDD B3 average: -3dBi;
 LTE FDD B4 average: -2dBi;
 LTE FDD B5 average: -8dBi;
 LTE FDD B7 average: -2dBi;
 LTE FDD B8 average: -8.5dBi;
 LTE FDD B12 average: -10dBi;
 LTE FDD B17 average: -10dBi;
 LTE FDD B20 average: -10dBi;
 LTE FDD B26 average: -8dBi;
 LTE FDD B28 average: -10dBi;
 LTE FDD B66 average: -2dBi;
 LTE FDD B38 average: -2dBi;
 LTE TDD B40 average: -2dBi;
 LTE TDD B41 average: -2dBi;

TOP BT/2.4GWIFI/5GWIFI antenna:

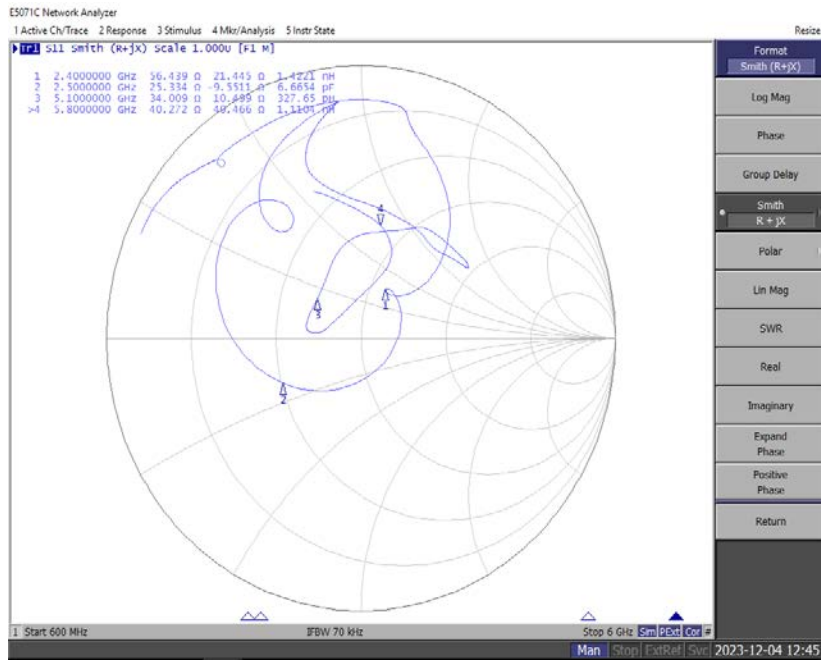
VSWR:



RL:



SMITH:



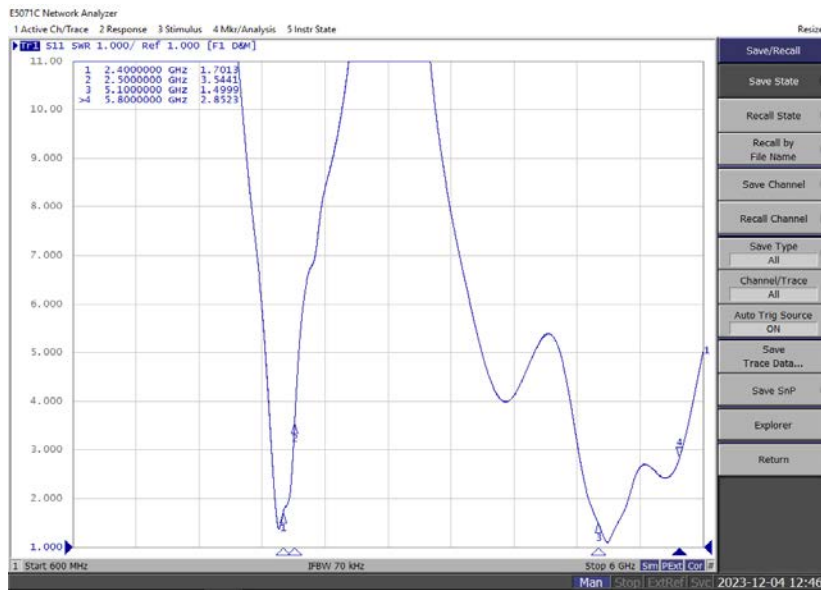
MAX gain about TOP BT/2.4GWIFI/5GWIFI antenna:

BT/2.4GWIFI: -5dBi;

5G WIFI:-3 dBi;

SIDE BT/2.4GWIFI/5GWIFI antenna:

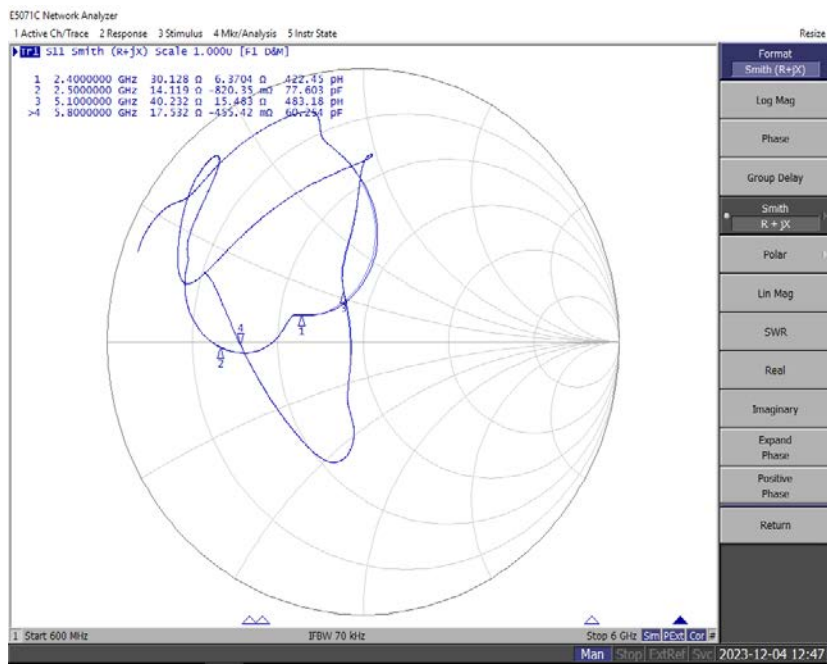
VSWR:



RL:



SMITH:



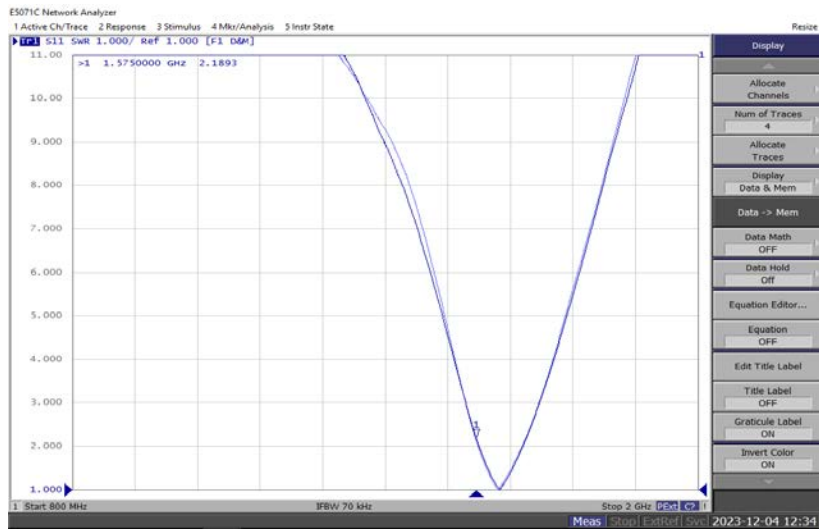
MAX gain about SIDE BT/2.4GWIFI/5GWIFI antenna:

BT/2.4GWIFI: -5.5dBi;

5G WIFI:-3 dBi;

GPS (1.57542Ghz) antenna:

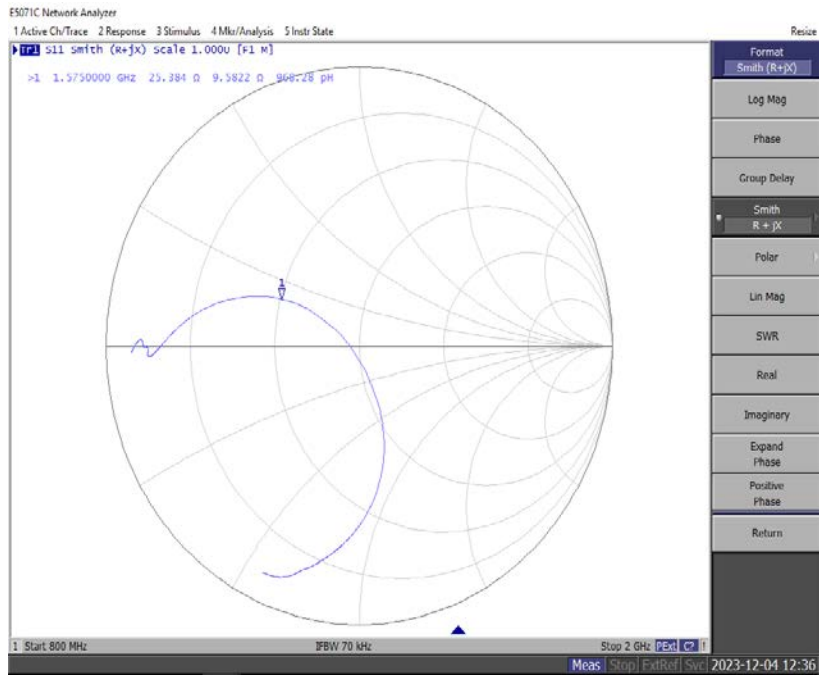
VSWR:



RL:



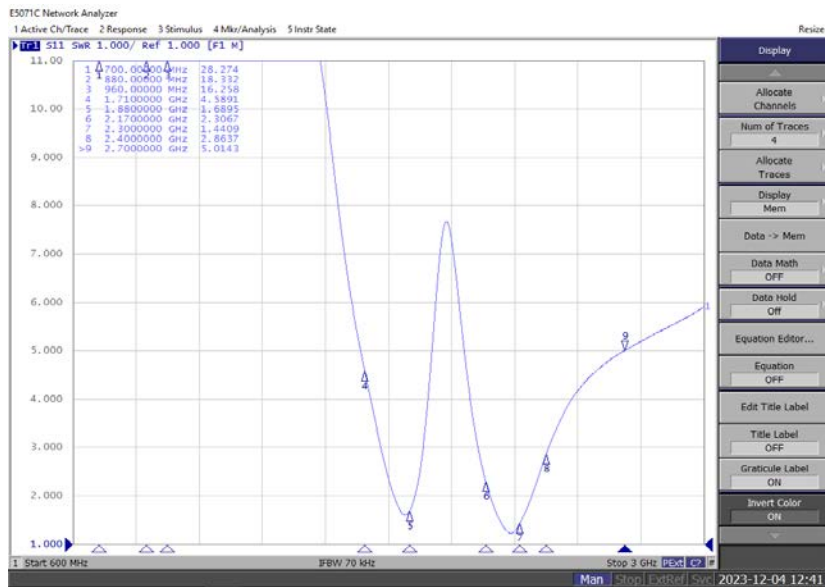
SIMITH:



GPS (1.57542Ghz) gain: -3.7dBi;

CAantenna:

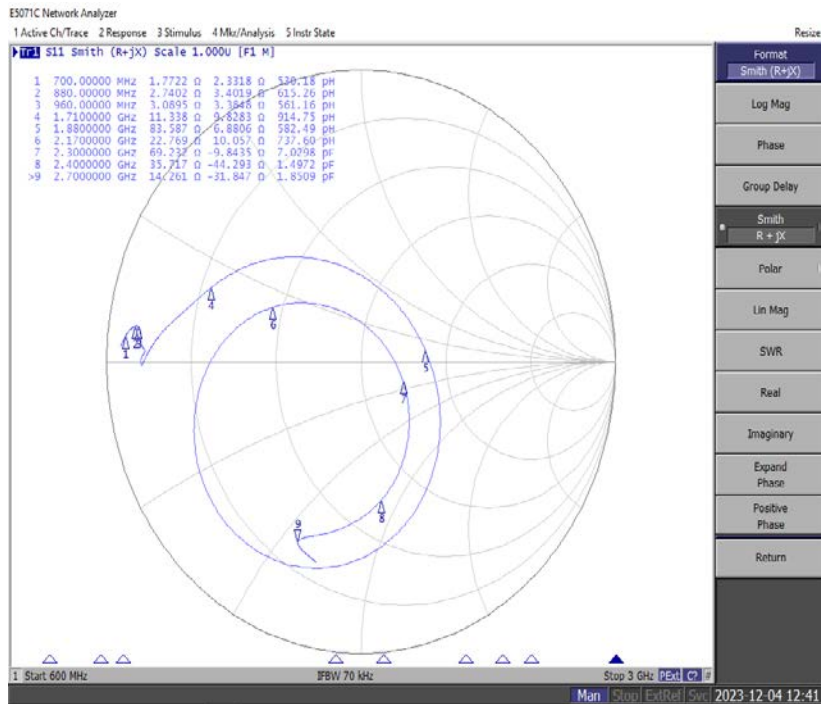
VSWR:



RL:



SMITH:



CAAntenna gain:

LTE FDD B1 average: -9dBi;

LTE FDD B2 average: -9dBi;

LTE FDD B3 average: -10dBi;

LTE FDD B7 average: -9dBi;

Manufacturer name:

INPAQ TECHNOLOGY(SUZHOU) CO., LTD

Add: No.5 Chunqiu Road, Huangdai Town, Xiangcheng District, Suzhou

Antenna Type: (Internal Antenna)

GSM/WCDMA/LTE Antenna: PIFA

BT/WIFI Antenna: PIFA

DRX Antenna: PIFA