

U380AA Antenna Report

Welletronics Communication Technology Co.,Ltd.

catalogue

1. Capability Status
2. Antenna Location
3. Antenna Pattern
4. Antenna Passive Efficiency
5. Simple Antenna Pattern Plot
6. Model number of the antenna
7. Antenna return loss
8. Address

1. Capability Status

a. Main software and hardware facilities for antenna R&D

Equipment introduction

Shanghai: Satimo:2 GTS1800:2

Dasy6:1

Kunshan: Satimo:1 GTS2800:1

GTS1800:1 ETS:1 Dasy4:1



Satimo SG24



GTS2800



DASY6



NFC

b. Full category testing capability

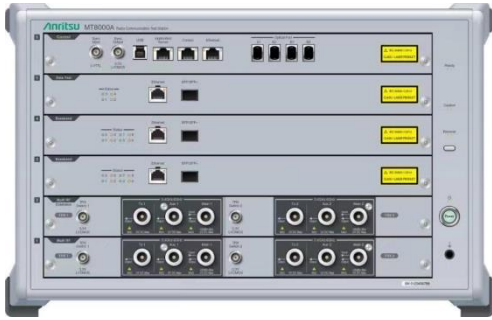
Support system

GSM/WCDMA/EVDO/TDSCDMA/TDD/FDD/5G-SA/5G-NSA/eMTC/NB-iot/GPS/WiFi
(WiFi 6/6E) /BT/CA/ENDC

Common equipment

Anritsu MT8000A
Anritsu MT8821C
5071C
CMW500
Anritsu MT8820
SAM-V4.5BS
STANG-HAND-P10(TWS)
DASY4/6 SAR



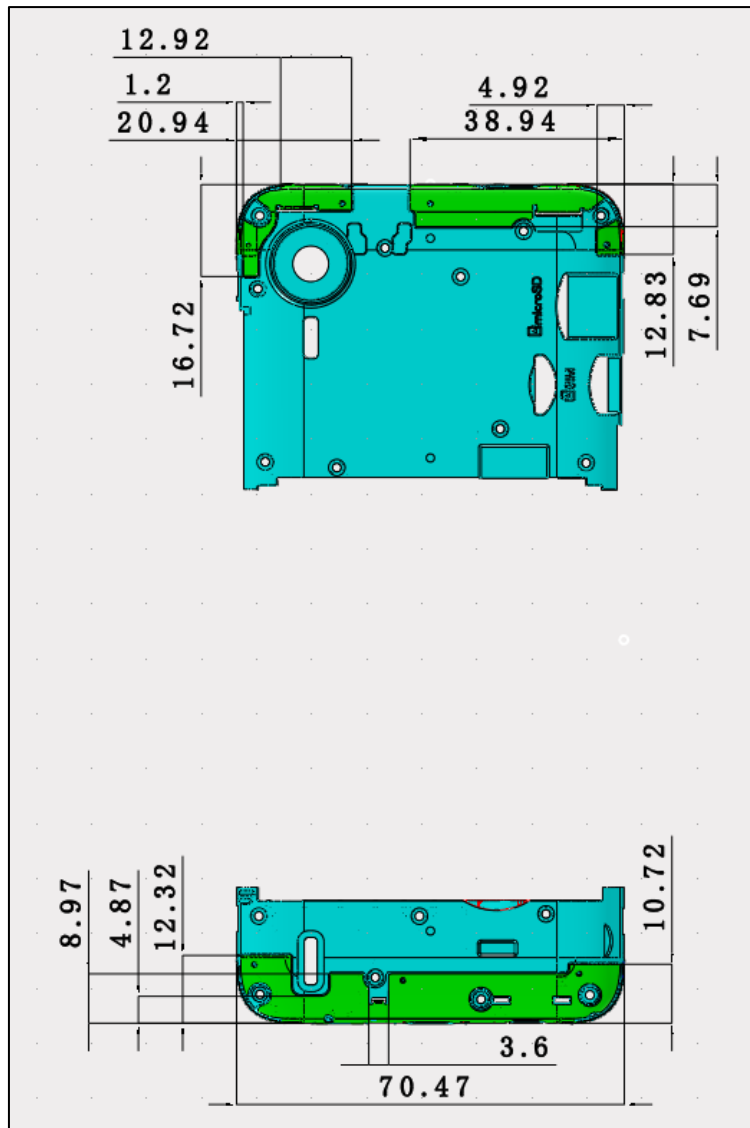


Anritsu MT8000A

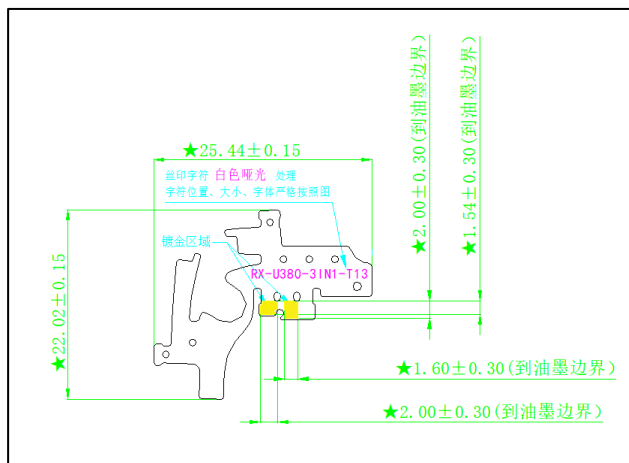
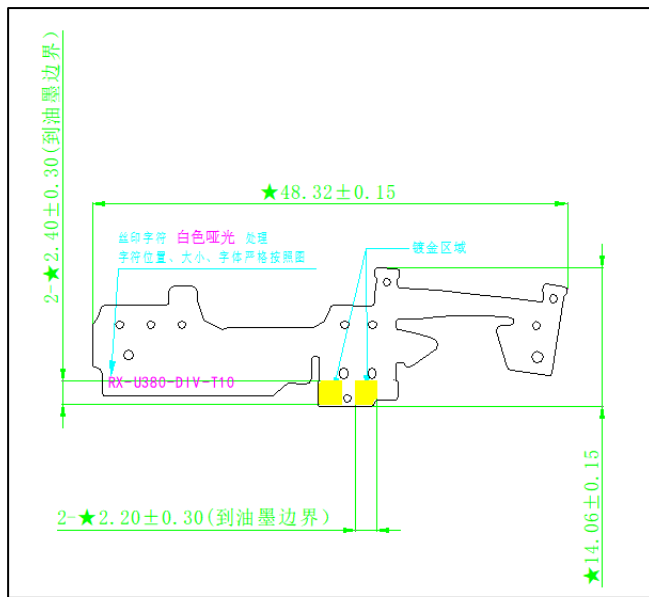
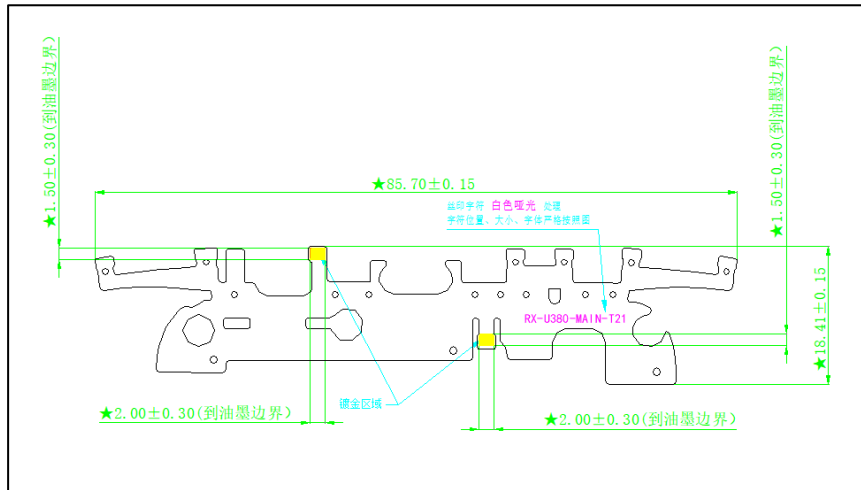


Anritsu MT8821C

2. Antenna Location



3. Antenna Pattern



4. Antenna Passive Efficiency

a. Main Antenna

MAIN	Band	Average Gain	Maximum Gain
WCDMA	Band 1	-0.24	0.38
	Band 2	-0.32	0.24
	Band 4	-0.98	-0.33
	Band 5	-4.00	-3.57
	Band 8	-4.63	-3.43
LTE	Band 2	-0.32	0.24
	Band 3	-1.39	-0.72
	Band 4	-0.98	-0.33
	Band 5	-4.00	-3.57
	Band 7	-1.78	0.42
	Band 12	-2.94	-2.55
	Band 14	-3.36	-3.30
	Band 20	-3.74	-3.57
	Band 30	-1.46	-1.22
	Band 66	-1.17	-0.25

b. Div Antenna

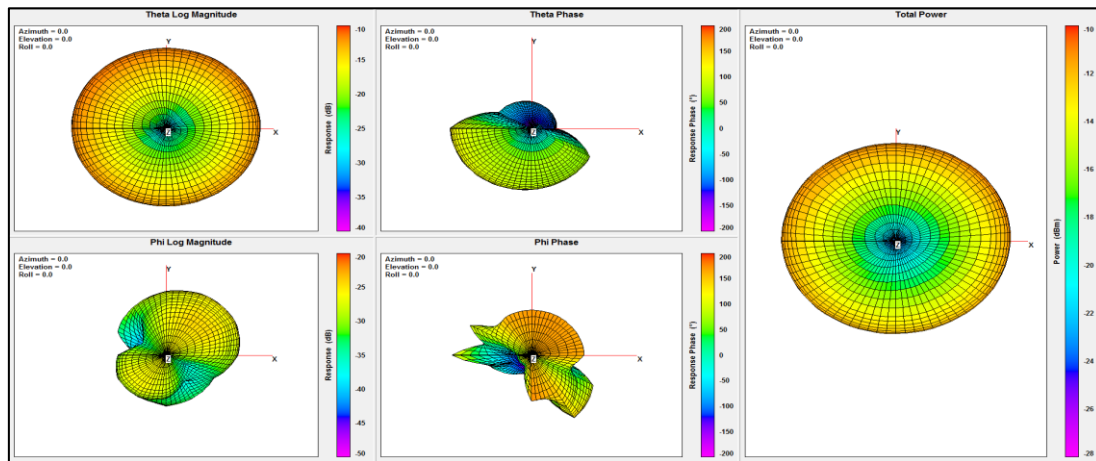
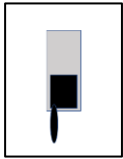
DIV	Band	Average Gain	Maximum Gain
WCDMA	Band 1	-0.86	-0.64
	Band 2	-1.65	-1.03
	Band 4	-0.86	-0.64
	Band 5	-5.27	-4.27
	Band 8	-4.82	-4.29
LTE	Band 2	-1.75	-1.45
	Band 3	-2.83	-2.46
	Band 4	-0.86	-0.64
	Band 5	-5.27	-4.27
	Band 7	-4.74	-2.59
	Band 12	-8.56	-8.43
	Band 14	-7.48	-7.12
	Band 20	-5.72	-5.40
	Band 30	-3.73	-3.71
	Band 66	-0.85	-0.73

c. GPS/BT/WiFi Antenna

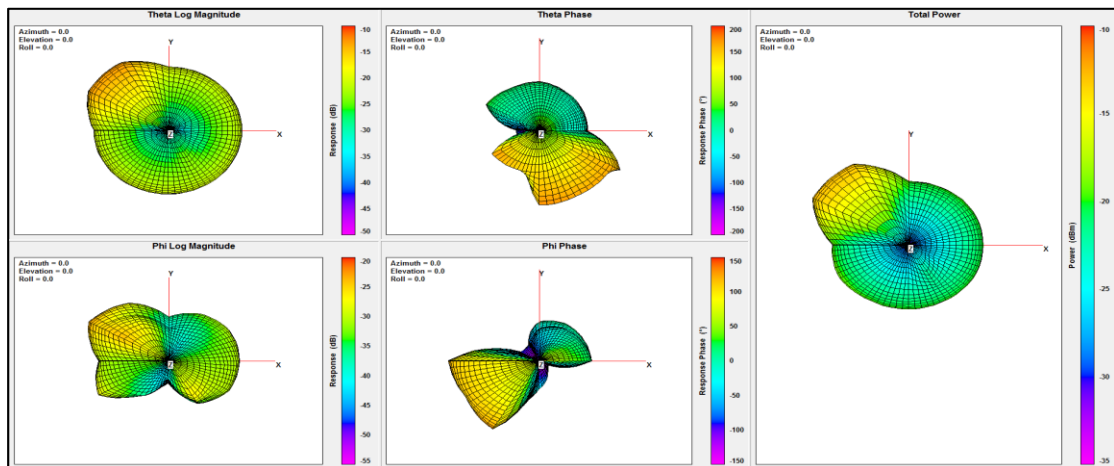
GPS&WIFI	Band	Average Gain	Maximum Gain
GPS	L1 1575.5	1.08	1.09
WIFI	2.4Ghz-2.5Ghz	-0.45	0.26
	5.15Ghz-5.85Ghz	-1.48	-0.25
BT	2.4Ghz-2.5Ghz	-0.45	0.26

5. Simple Antenna Pattern Plot

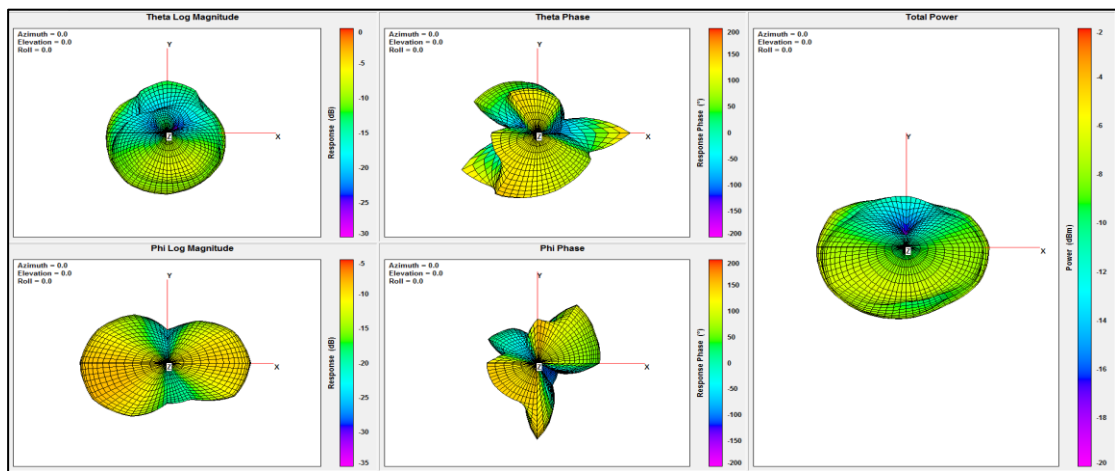
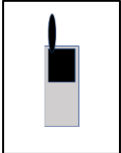
a. Main Antenna



c. Div Antenna



d. GPS/BT/WiFi Antenna

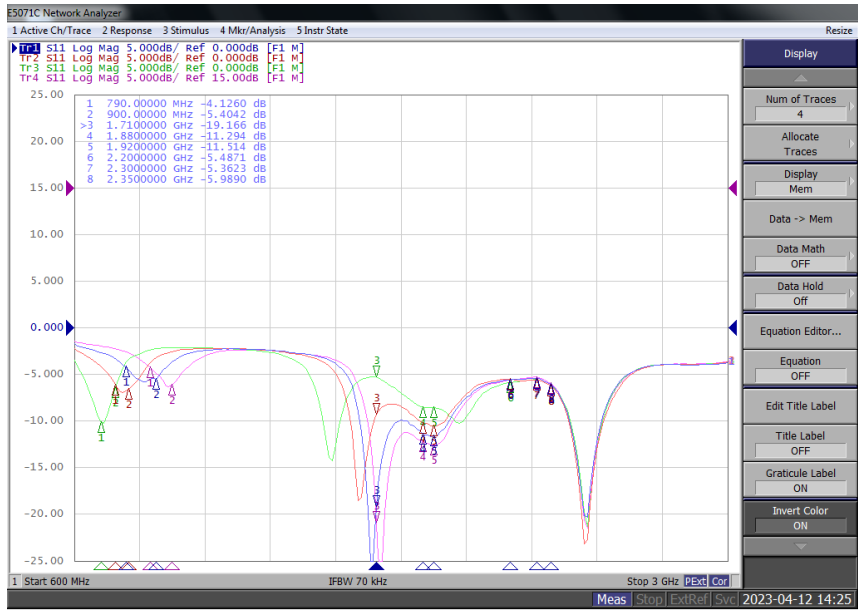


6. Model number of the antenna

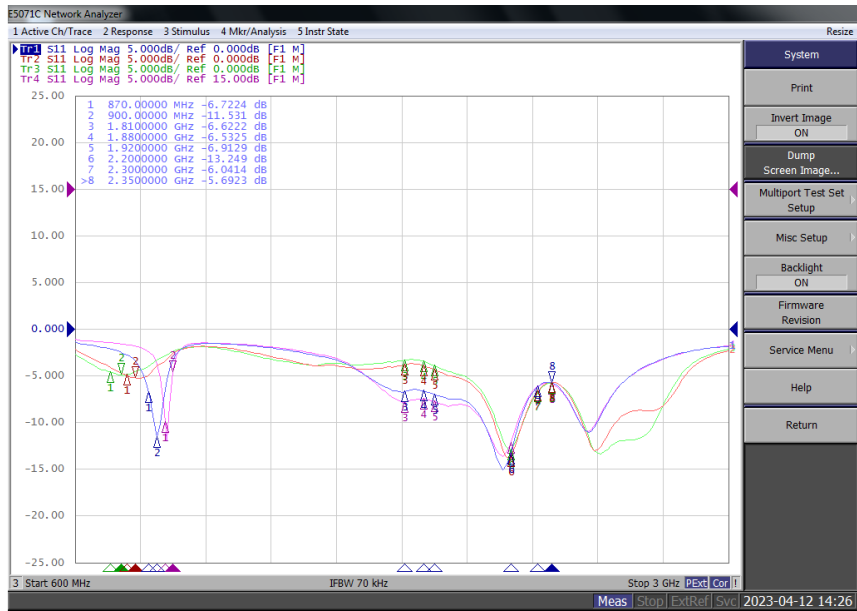
- a. Main Antenna
RX-U380-MAIN-TXX
- b. Div Antenna
RX-U380-DIV-TXX
- c. GPS/BT/WiFi Antenna
RX-U380-3IN1-TXX

7. Antenna return loss

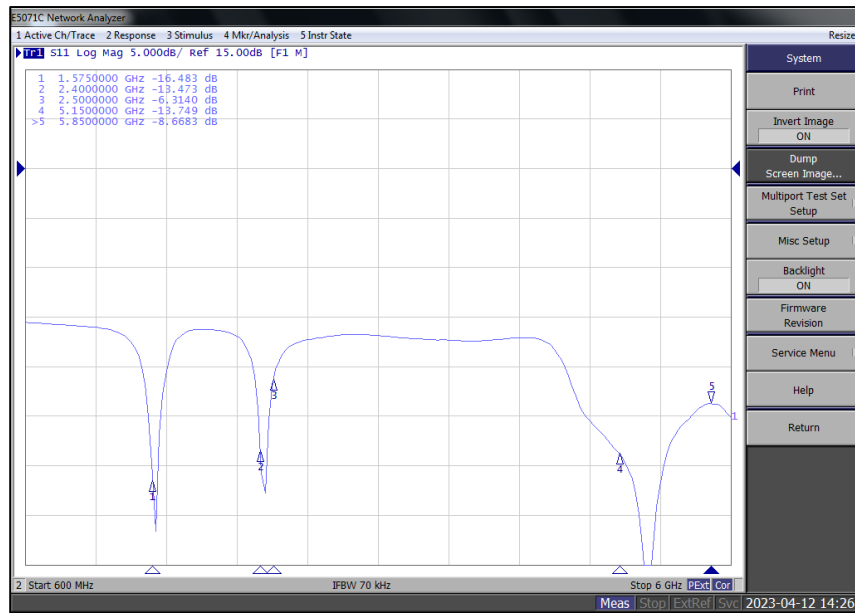
- a. Main Antenna



b.Div Antenna



c.GPS/BT/WiFi Antenna



8.Address

Kunshan Innwave Communication Technology Co., Ltd.
12a, No.1500 Zuchongzhi Road, Pudong New Area, Shanghai
www.innwave.cn

Thank You !