

Antenna Data Sheet

Catalogue

- 1. Antenna model number and Location**
- 2. Antenna Passive Efficiency**
- 3. Simple Antenna Pattern Plot**
- 4. Antenna return loss**

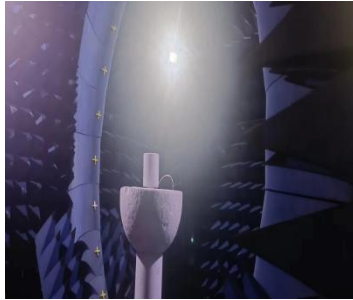
a. Main software and hardware facilities for antenna R&D

SAR DASY 5:1

Shenzhen:

GTS1800:1

GTS2800:1



Satimo SG24



GTS2800



DASY4/5

b. Full category testing capability

Support system

GSM/WCDMA/EVDO/TDSCDMA/TDD/FDD/5G-SA/5G-NSA/eMT

C/NB-iot/GPS/WiFi/BT/CA/ENDC

Common equipment

SP9500

Anritsu MT8820C

5071C

CMW500

DASY4/5 SAR



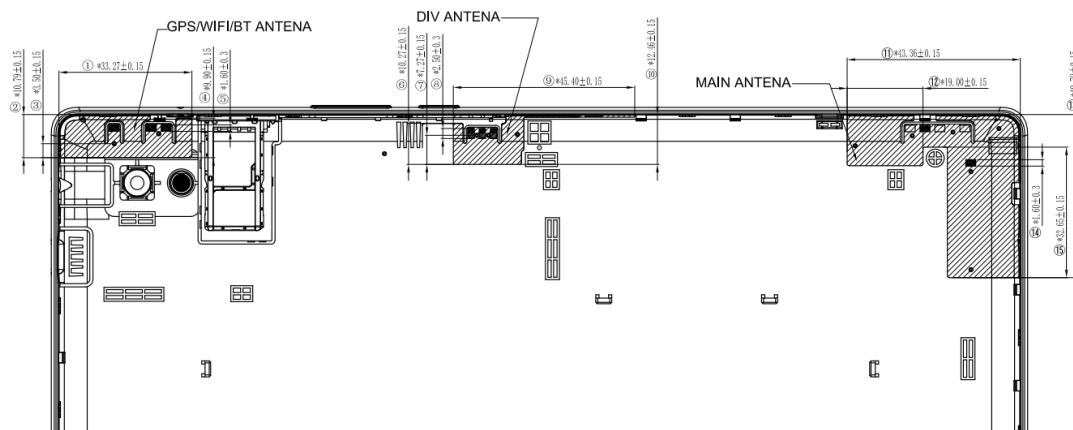
StarPoint SP950

Anritsu MT8820C

1. Antenna model number and Location

a. Antenna model number: RXU1030

b. Antenna location



2. Antenna Passive Efficiency

a. Main Antenna

Main	Band	Average Gain	Maximum Gain
WCDMA	Band 2	-0.58	2.02
	Band 4	-0.37	1.38
	Band 5	-1.07	-0.5
LTE	Band 2/25	-0.58	2
	Band 4/66	-0.37	1.38
	Band 5/26	-1.07	-0.5
	Band 12	-0.87	-0.82
	Band 71	-2.53	-1.8

b. Div Antenna

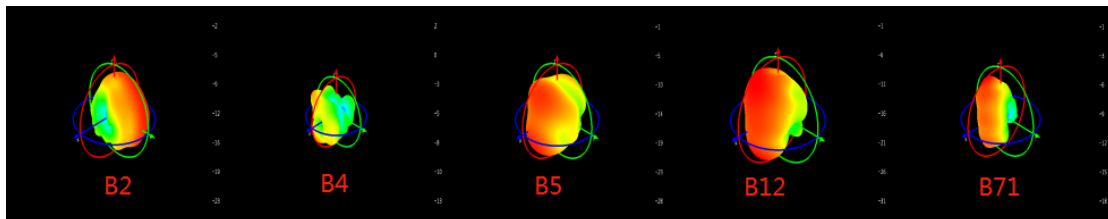
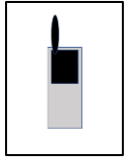
DIV	Band	Average Gain	Maximum Gain
WCDMA	Band 2	-1.63	-1.36
	Band 4	-5.21	-4.93
	Band 5	-7.02	-6.7
LTE	Band 2	-1.63	-1.36
	Band 4	-5.21	-4.93
	Band 5	-7.02	-6.7
	Band 12	-10.09	-9.14
	Band 71	-14.77	-14.25

c. GPS/WiFi/BT Antenna

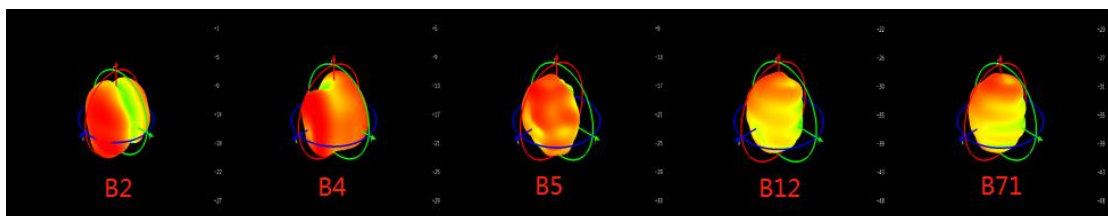
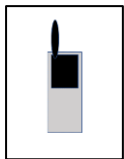
GPS/WIFI/BT	Band	Average Gain	Maximum Gain
GPS	L1 1575.5	-0.23	-0.1
WIFI	2.4Ghz-2.5Ghz	-0.94	-0.52
BT	2.4Ghz-2.5Ghz	-0.94	-0.1
5G WIFI	5.15Ghz-5.85Ghz	1.91	3.3

3. Simple Antenna Pattern Plot

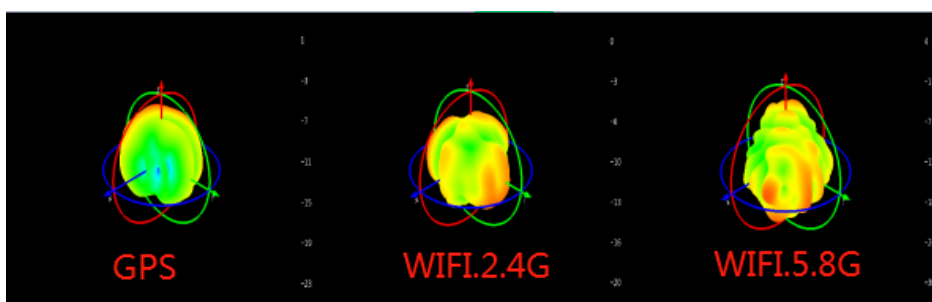
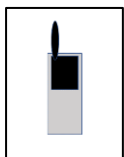
a. Main Antenna



b. Div Antenna

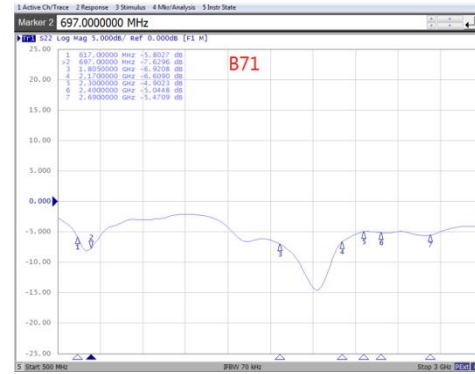
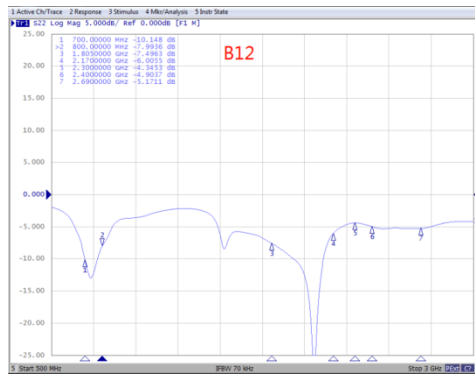
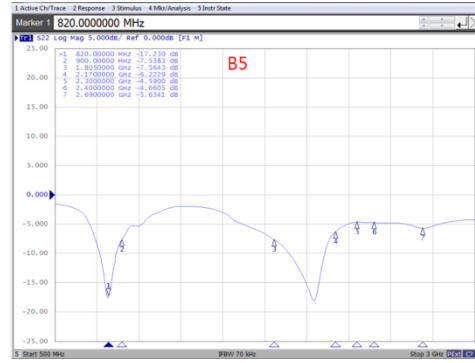
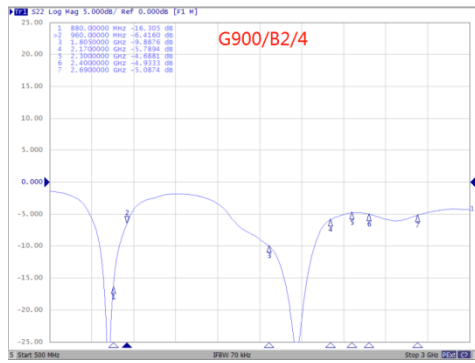


c. GPS/BT/WiFi Antenna

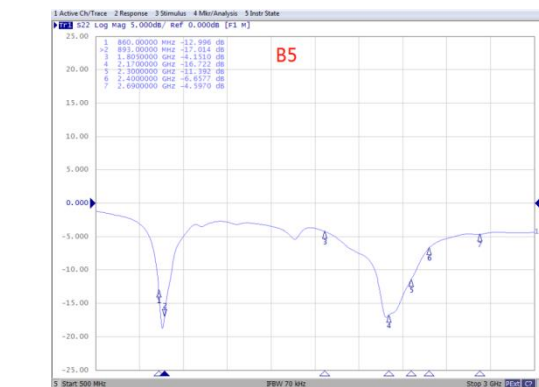


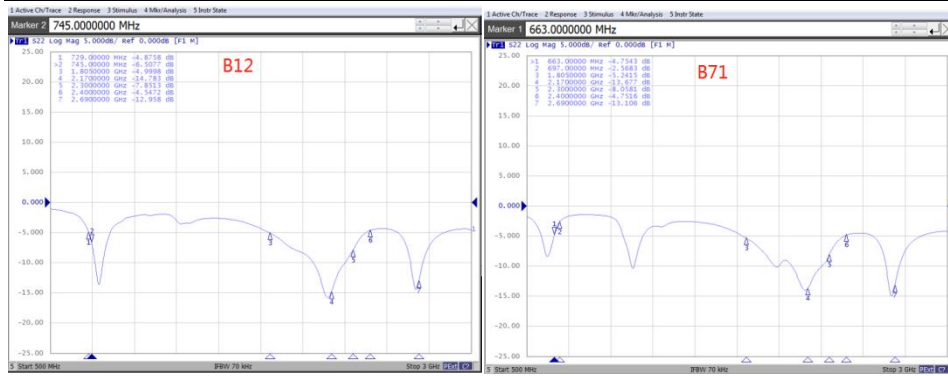
4. Antenna return loss

a.Main Antenna



b.Div Antenna





c. GPS/BT/WiFi Antenna

