
Antenna Data Sheet

Catalogue

- 1. Capability Status**
- 2. Antenna Location**
- 3. Antenna Passive Efficiency**
- 4. Simple Antenna Pattern Plot**
- 5. Antenna return loss**

1. Capability Status

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

Equipment introduction

Shanghai: Satimo:2 GTS1800:3 SAR DASY 5:1

Shenzhen: GTS1800:1 GTS2800:1

Xian: GTS2800:1

Beijing: GTS1800:2 GTS2800:1

Kunshan: GTS2800:1 Satimo:2 GTS1800:3

SAR DASY 4:2



Satimo SG24



GTS2800



b. Full category testing capability

Support system

TDD/FDD/5G-SA/WiFi/CA

Common equipment

SP9500

Anritsu MT8820C

5071C

CMW500

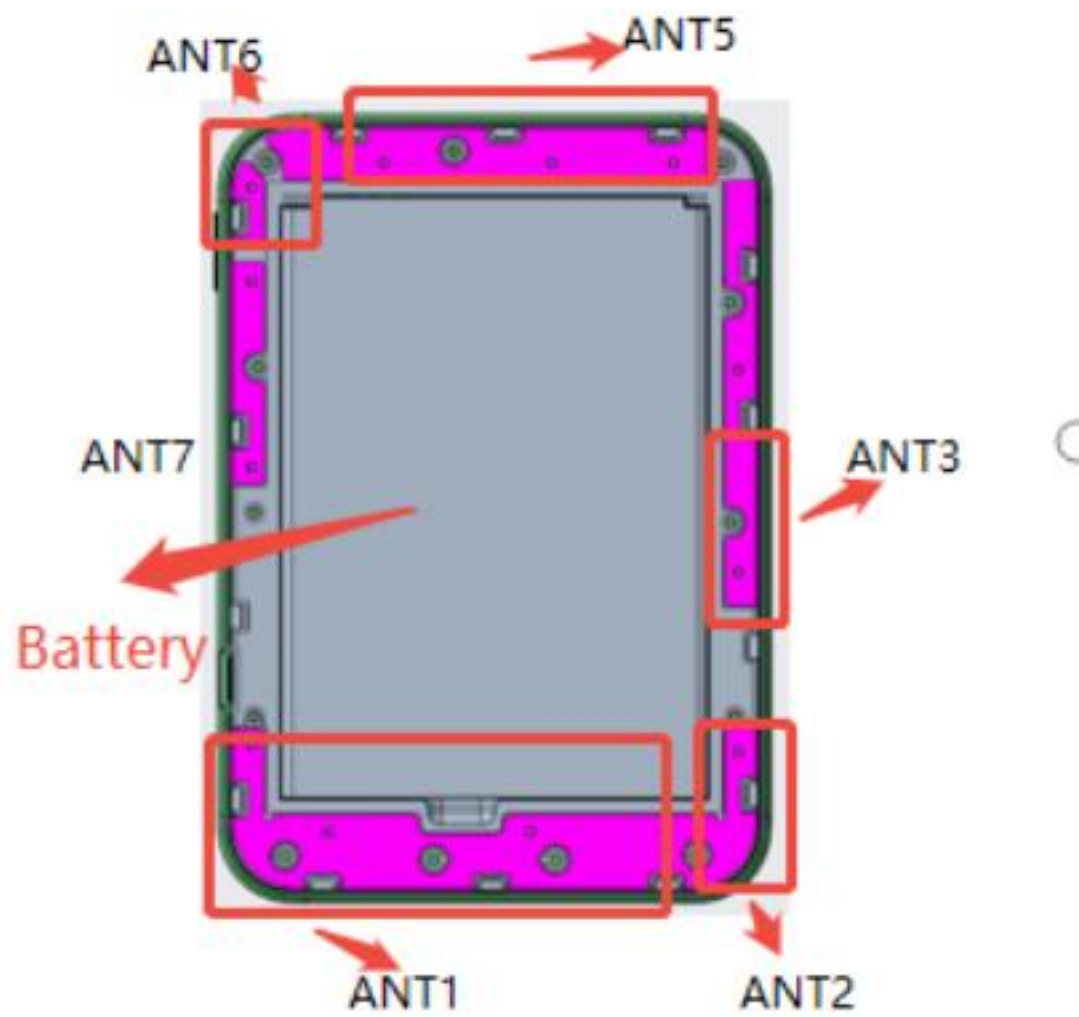
DASY4/5 SAR



StarPoint SP9500

Anritsu MT8820C

2. **Antenna Location**



ANT1:

TRX: LTE: B2 B25 B4 B66 B12 B71

NR: N25 N66 N71

ANT2:

TRX: NR: N41



DRX: LTE: B2 B25 B4 B66 B12 B71

ANT6:

Figure 1: Dimensional drawings of the front and back of the identification card.

Front View (Left):

- Overall width: 85.48 ± 0.20 mm.
- Chip area: 18.63 ± 0.20 mm (width) x 2.49 ± 0.30 mm (height).
- Text area: 1.50 ± 0.30 mm (width) x 5 mm (height).
- Text: "K1-B321-ANT5-ANT6" and "T10-TYNN".
- Text: "丝印字符 白色曝光 处理" (Silk screen characters, white exposure, processing).
- Text: "字符位置、大小、字体、颜色、重量" (Character position, size, font, color, weight).
- Text: "YH87字库容量 (字节)" (YH87 character library capacity (bytes)).
- Text: "M/C: (生产批次)" (M/C: (production batch)).
- Text: "镀金区域" (Gold plating area).
- Text: "蓝色折弯线位置, 做打断线" (Blue bend line position, make break line).
- Text: "无胶区域" (No glue area).
- Text: "手工位" (Manual position).

Back View (Right):

- Overall width: 85.48 ± 0.20 mm.
- Chip area: 18.63 ± 0.20 mm (width) x 2.49 ± 0.30 mm (height).
- Text area: 1.50 ± 0.30 mm (width) x 5 mm (height).
- Text: "丝印字符 白色曝光 处理" (Silk screen characters, white exposure, processing).
- Text: "字符位置、大小、字体、颜色、重量" (Character position, size, font, color, weight).
- Text: "YH87字库容量 (字节)" (YH87 character library capacity (bytes)).
- Text: "M/C: (生产批次)" (M/C: (production batch)).
- Text: "镀金区域" (Gold plating area).
- Text: "蓝色折弯线位置, 做打断线" (Blue bend line position, make break line).
- Text: "无胶区域" (No glue area).
- Text: "手工位" (Manual position).

ANT1/2 Model:B321MH_MAIN

ANT5/6 Model:B321MH_Div&3IN1

Kunshan Innowave Communication Technology Co., Ltd.

www.innowave.cn

Tel: 86-0512-57258326

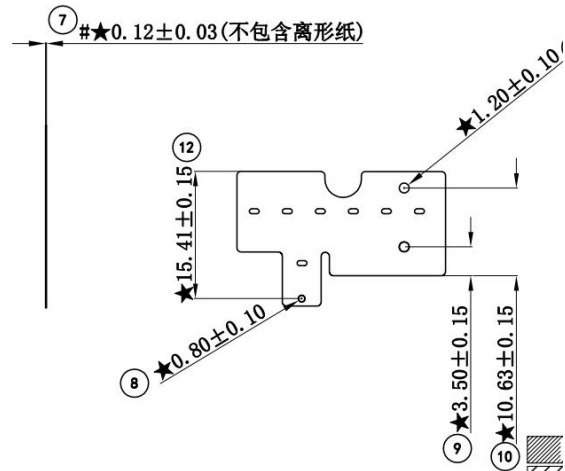
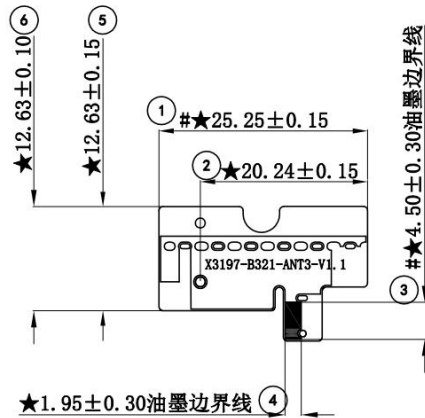
Fax: 86-0755-21633856

Address: Building H, No.55 Shengchuang Road, Kunshan

ANT3:

RX(PM): LTE:B2 B4 B25 B66

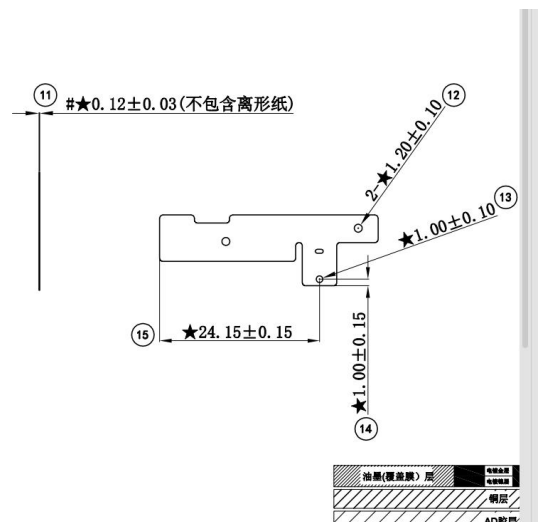
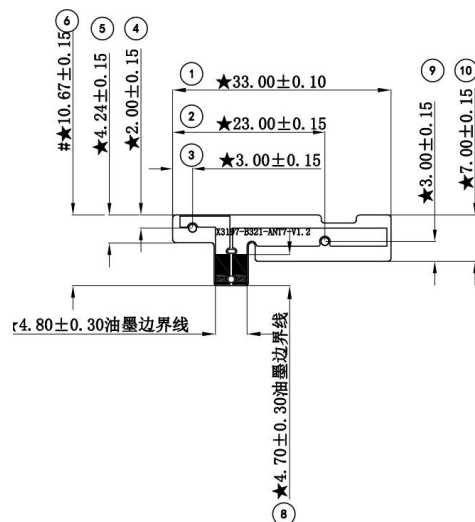
NR: N25 N41 N66



ANT7:

RX(DM): LTE:B2 B4 B25 B66

NR: N25 N41 N66



Model:B321MH_ANT3&7

ANT3/7 Vendor:

Shenzhen HamyWe Technology Co.,Ltd.

www.hamywe.com

Tel: 0755-3688170

Address: 4th Floor, Building B, Jinghang Industrial Park, Liuxian 3rd Road, Bao'an District,
Shenzhen City

3. Antenna Passive Efficiency

1、 Ant1

	Average Gain	Maximum Gain
LTE B2/25	-3.8dBi	-2.1dBi
LTE B4/B66	-4.1dBi	-2.7dBi
LTE B12	-5.4dBi	-3.7dBi
LTE B71	-6.3dBi	-3.4dBi
N25	-3.8dBi	-2.1dBi
N66	-4.3dBi	-2.7dBi
N71	-6.3dBi	-3.4dBi

2、 Ant2

N41	-4.6dBi	-1.9dBi
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3、 Ant3

LTE B2/25	-4.5dBi	-2.6dBi
LTE B4/66	-4.3dBi	-3.1dBi
N25	-4.6dBi	-2.6dBi
N66	-4.4dBi	-3.1dBi
N41	-4.1dBi	-2.2dBi

4、Ant5

LTE B25/2	-3.3dBi	-2.1dBi
LTE B4/66	-3.7dBi	-1.9dBi
LTE B12	-6.8dBi	-3.8dBi
LTE B71	-8.7dBi	-6.2dBi
N25	-5.3dBi	-2.9dBi
N66	-3.9dBi	-1.9dBi
N41	-4.5dBi	-1.8dBi
N71	-8.7dBi	-6.2dBi

5、Ant6

WIFI 2.4G	-4.6dBi	-1.2dBi
WIFI 5G	-4.3dBi	-1.6dBi

6、Ant7

LTE B2/25	-4.4dBi	-2.9dBi
LTE B4/66	-3.9dBi	-2.6dBi
N25	-4.4dBi	-2.9dBi
N66	-4.1dBi	-2.6dBi

N41

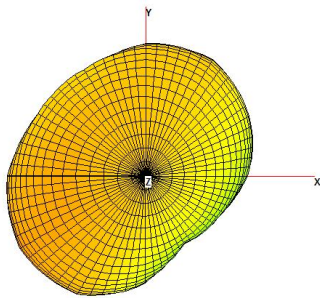
-3.7dBi

-1.8dBi

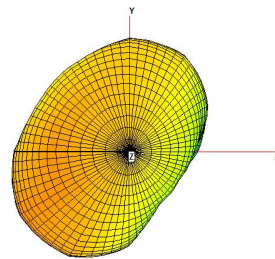
4.Simple Antenna Pattern Plot

a. Antenna1

B12/2/25

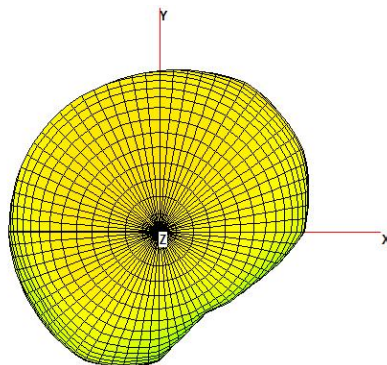


B4/66/71

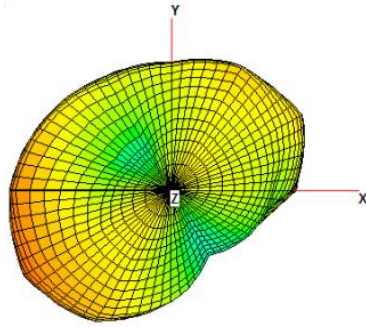


b. Antenna2

N41



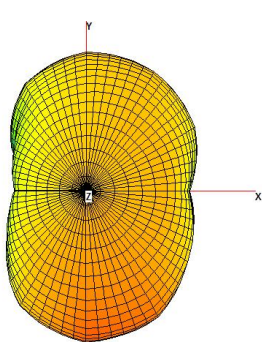
c. Antenna3



e.Antenna5

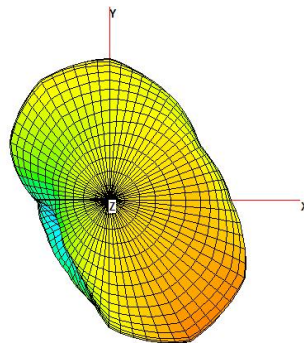
B2/25/4/66/41/71

B12

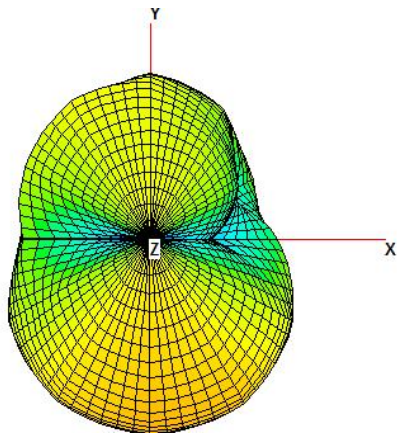


f.Antenna6

2.4G/5G

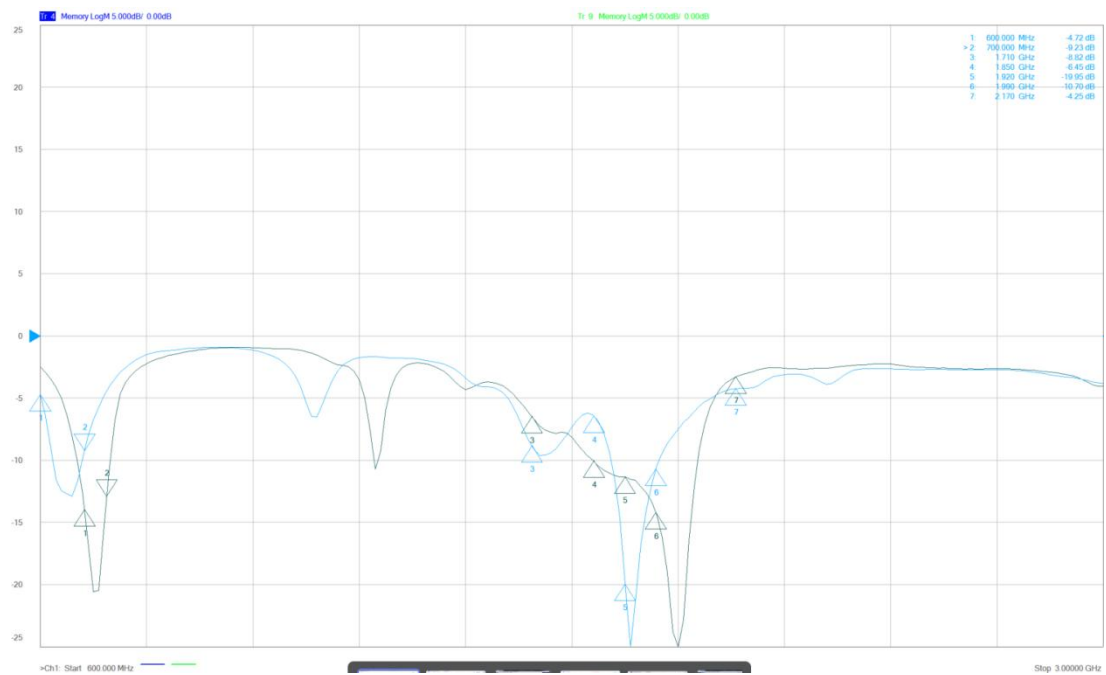


g.Antenna7

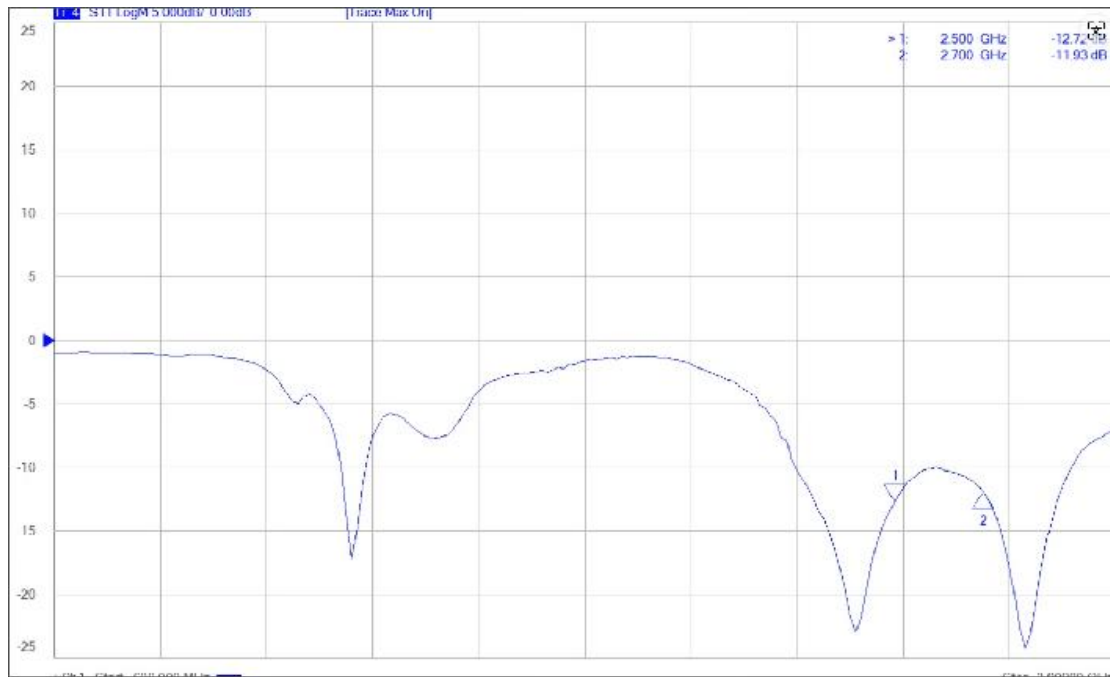


4. Antenna return loss

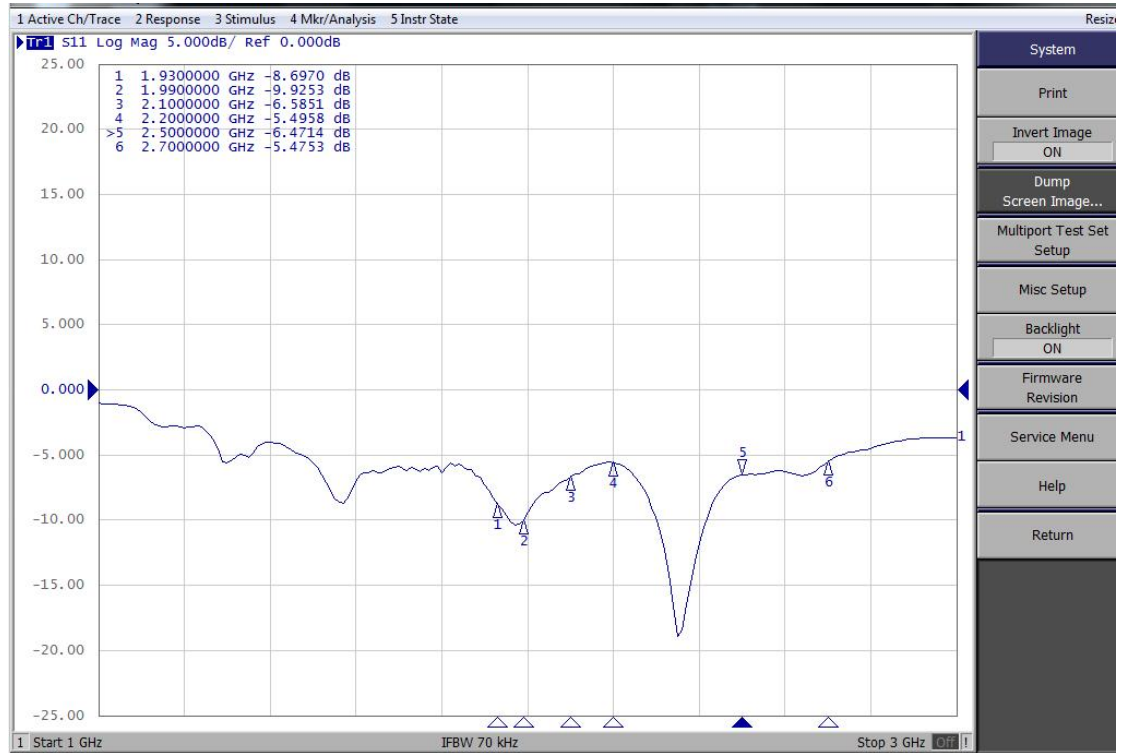
Antenna1



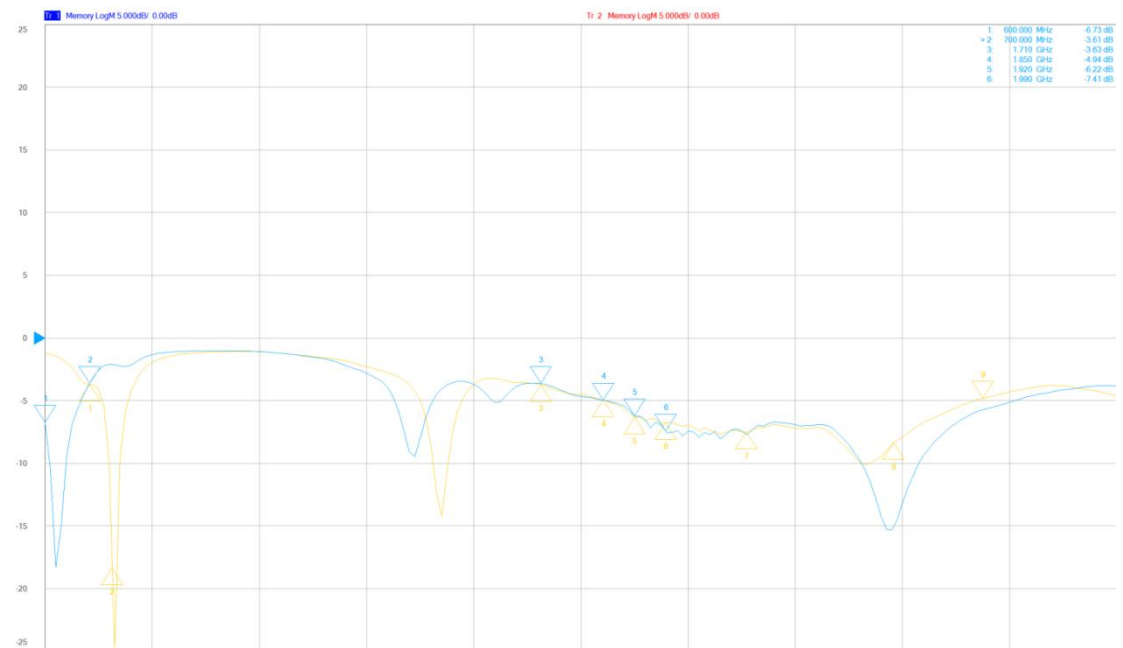
Antenna2



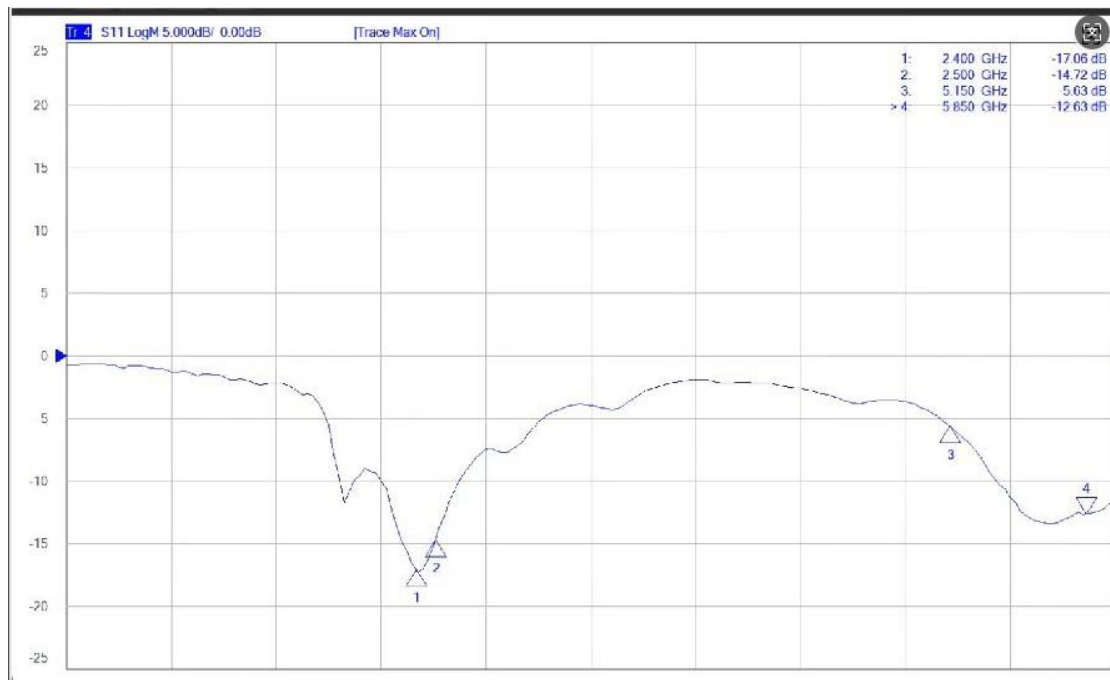
Antenna3



Antenna5



Antenna6



Antenna7

