

# Antenna test report

Customer Name:802

Project model:S1626A4623-B

Date:2024-09-21

| edition | content      | Update reason | Date       |
|---------|--------------|---------------|------------|
| 1.0     | Antenna test | Initial issue | 2024-09-21 |
|         |              |               |            |
|         |              |               |            |
|         |              |               |            |
|         |              |               |            |
|         |              |               |            |
|         |              |               |            |

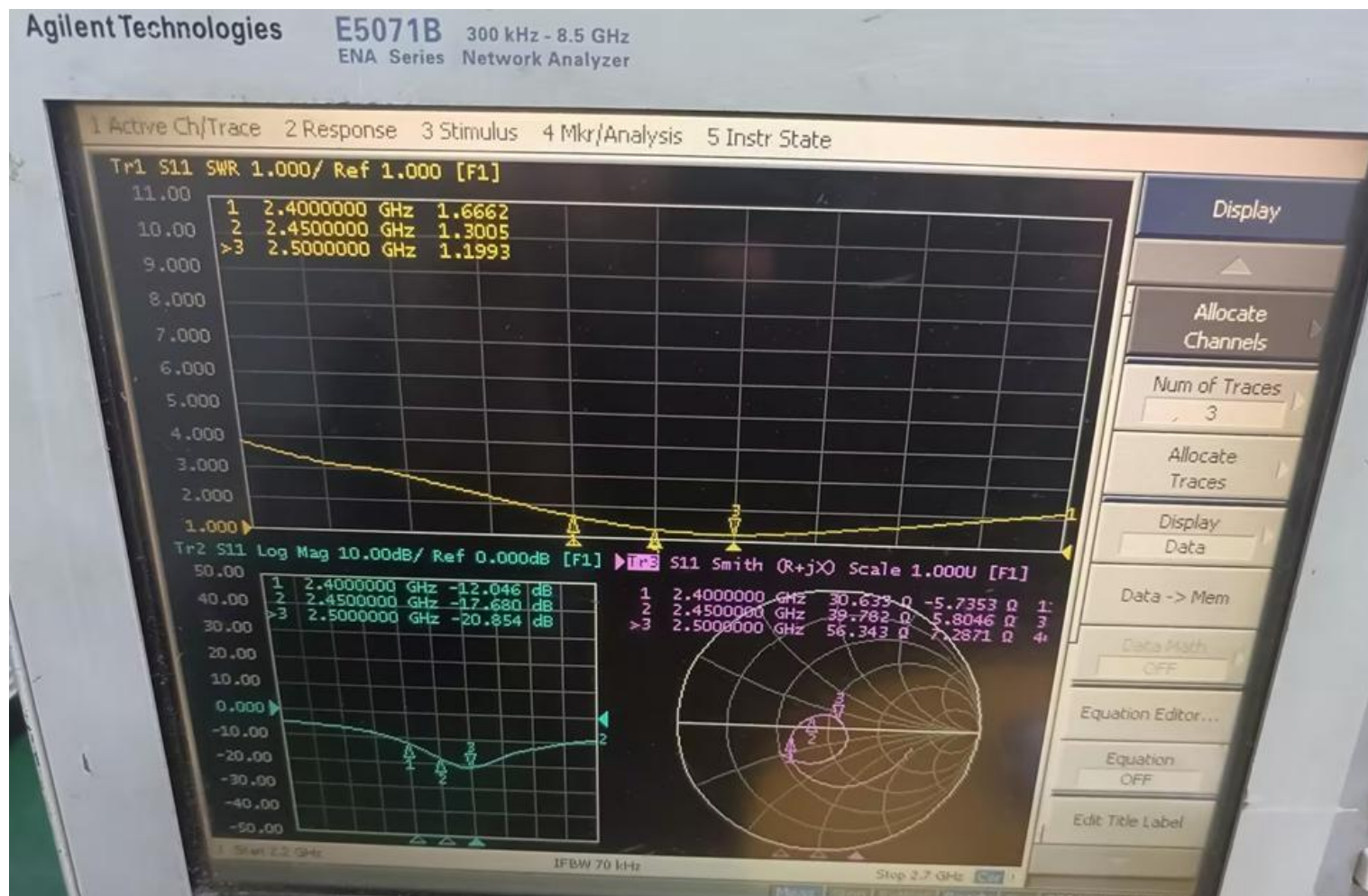
# Directory:

|                                  |     |
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| 8. Antenna size diagram          | ... |

# Project situation

|                    |                 |
|--------------------|-----------------|
| Customer Name      | 802             |
| Project name       | S1626A4623-B    |
| Number of antennas | 1               |
| Antenna band       | 2400–2500 MHz   |
| Structural form    | Onboard antenna |

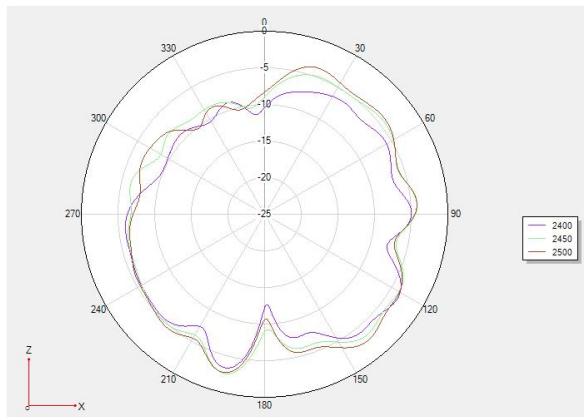
# Antenna standing wave pattern



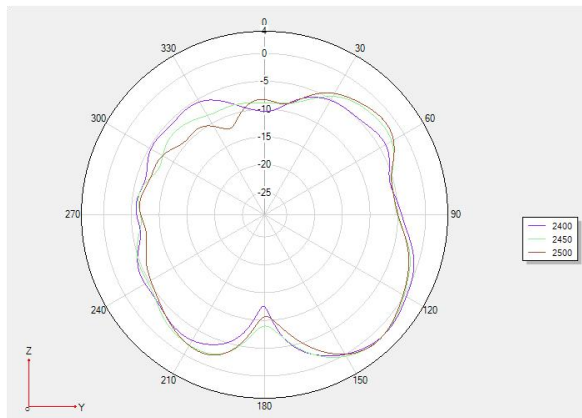
| Frequency / MHz | Efficiency / % | Gain/ dBi |
|-----------------|----------------|-----------|
| 2400            | 35.73          | 1.69      |
| 2410            | 38.37          | 1.73      |
| 2420            | 38.95          | 1.74      |
| 2430            | 37.45          | 1.68      |
| 2440            | 36.02          | 1.65      |
| 2450            | 36.54          | 1.52      |
| 2460            | 38.98          | 1.84      |
| 2470            | 38.36          | 1.75      |
| 2480            | 38.46          | 1.61      |
| 2490            | 39.05          | 1.64      |
| 2500            | 39.64          | 1.58      |

# Antenna passive 2/3D diagram

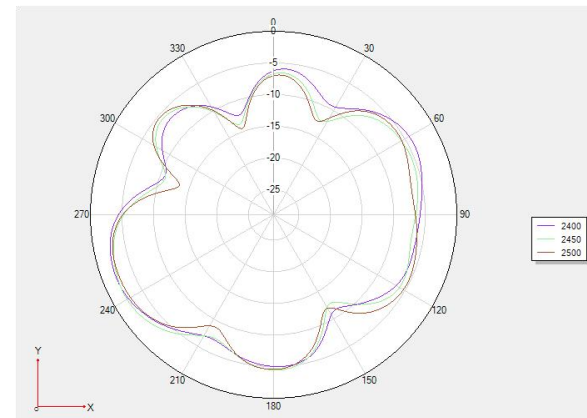
Phi 0 2Dfigure



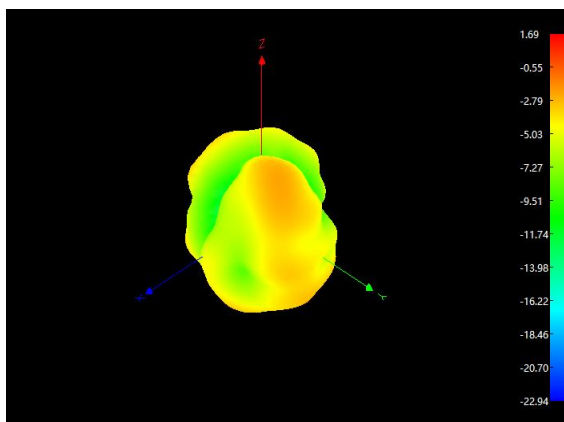
Phi 90 2Dfigure



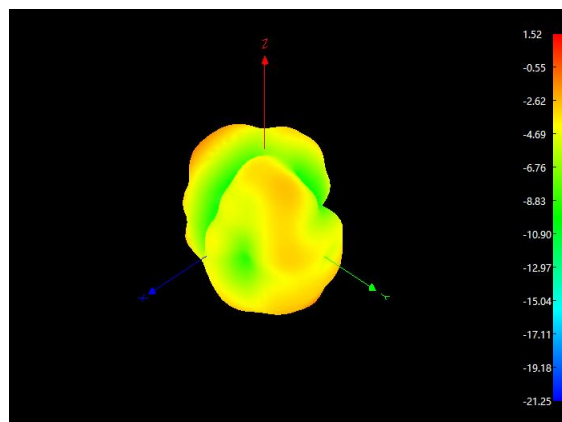
Theta 90 2Dfigure



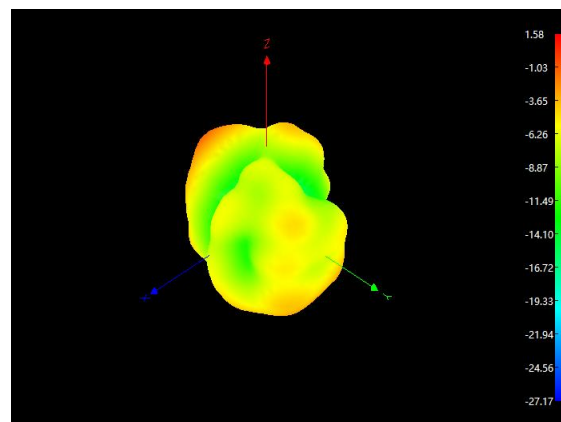
2400



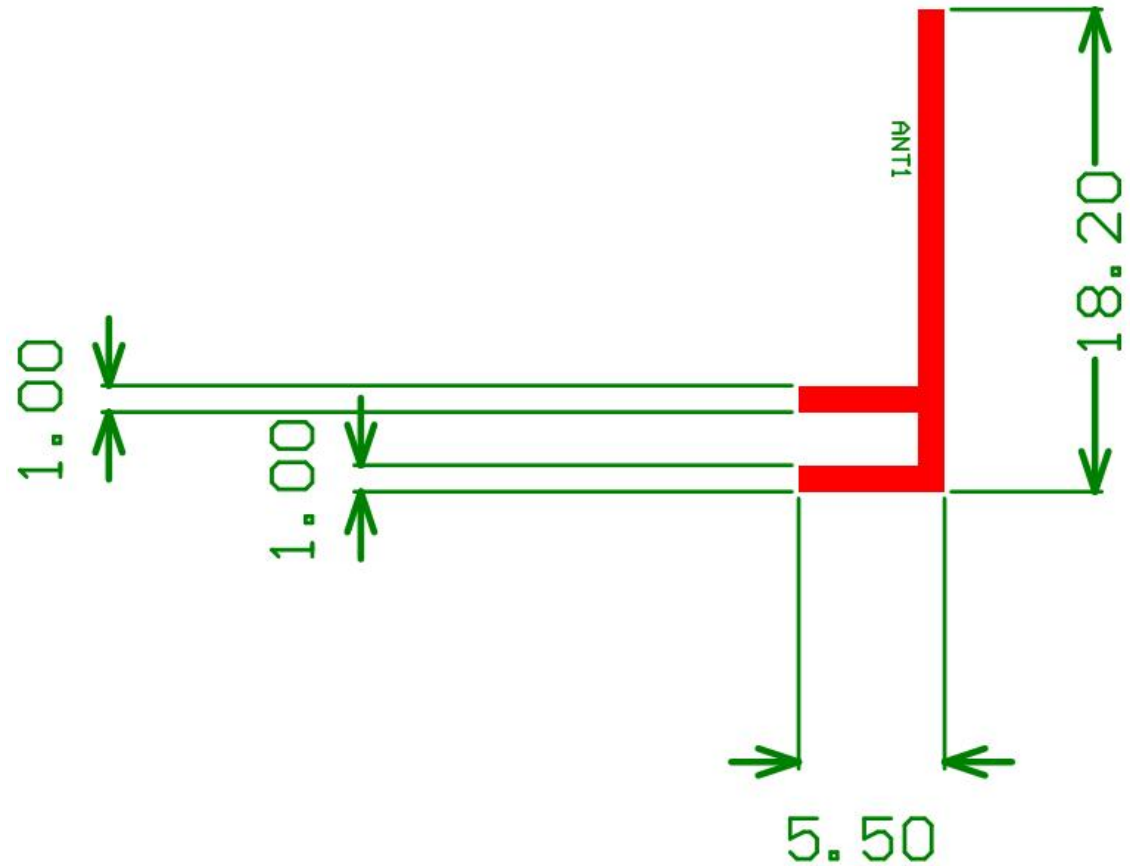
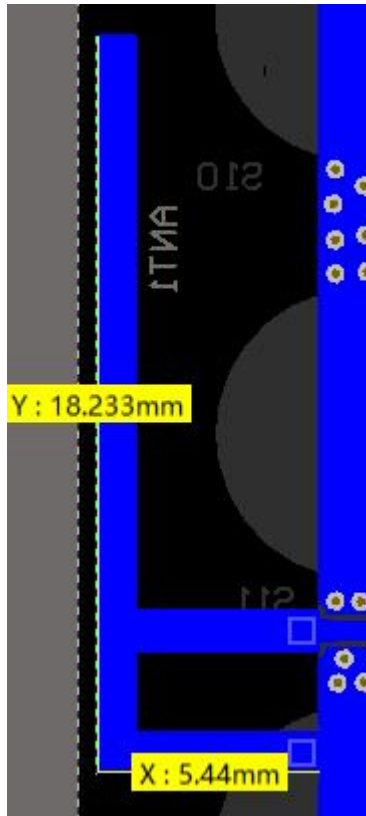
2450



2500



# Antenna size diagram





# Thank you!

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