

## Test Report

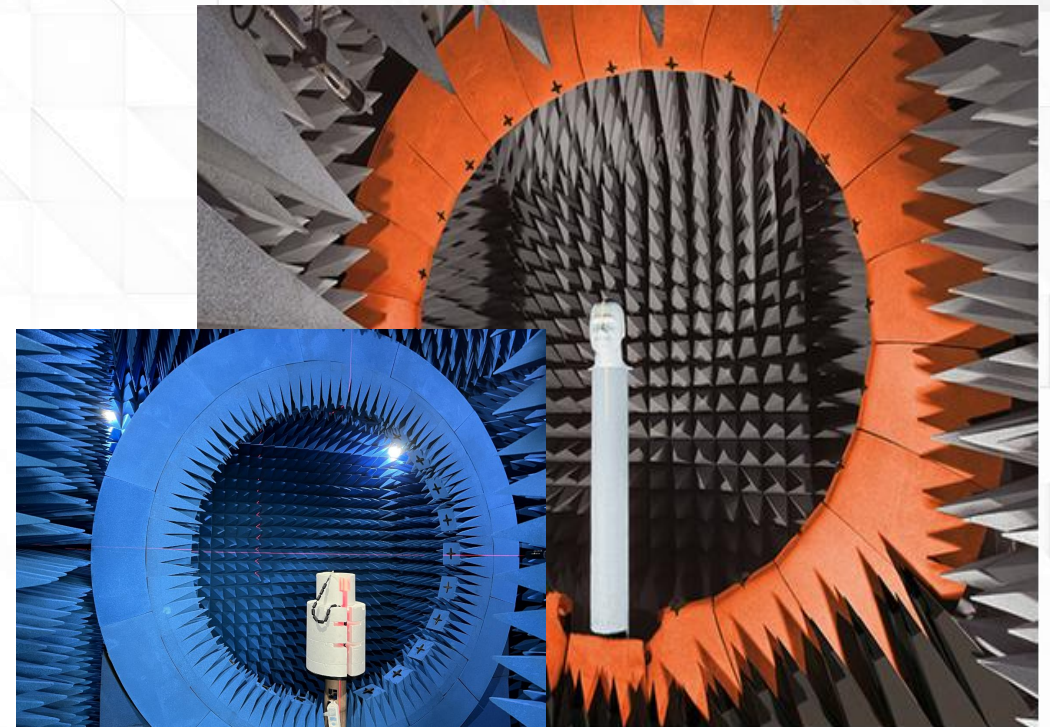
# Antenna Commissioning Report

Customer Name : Lie Dong

Project Name: PULSE 2

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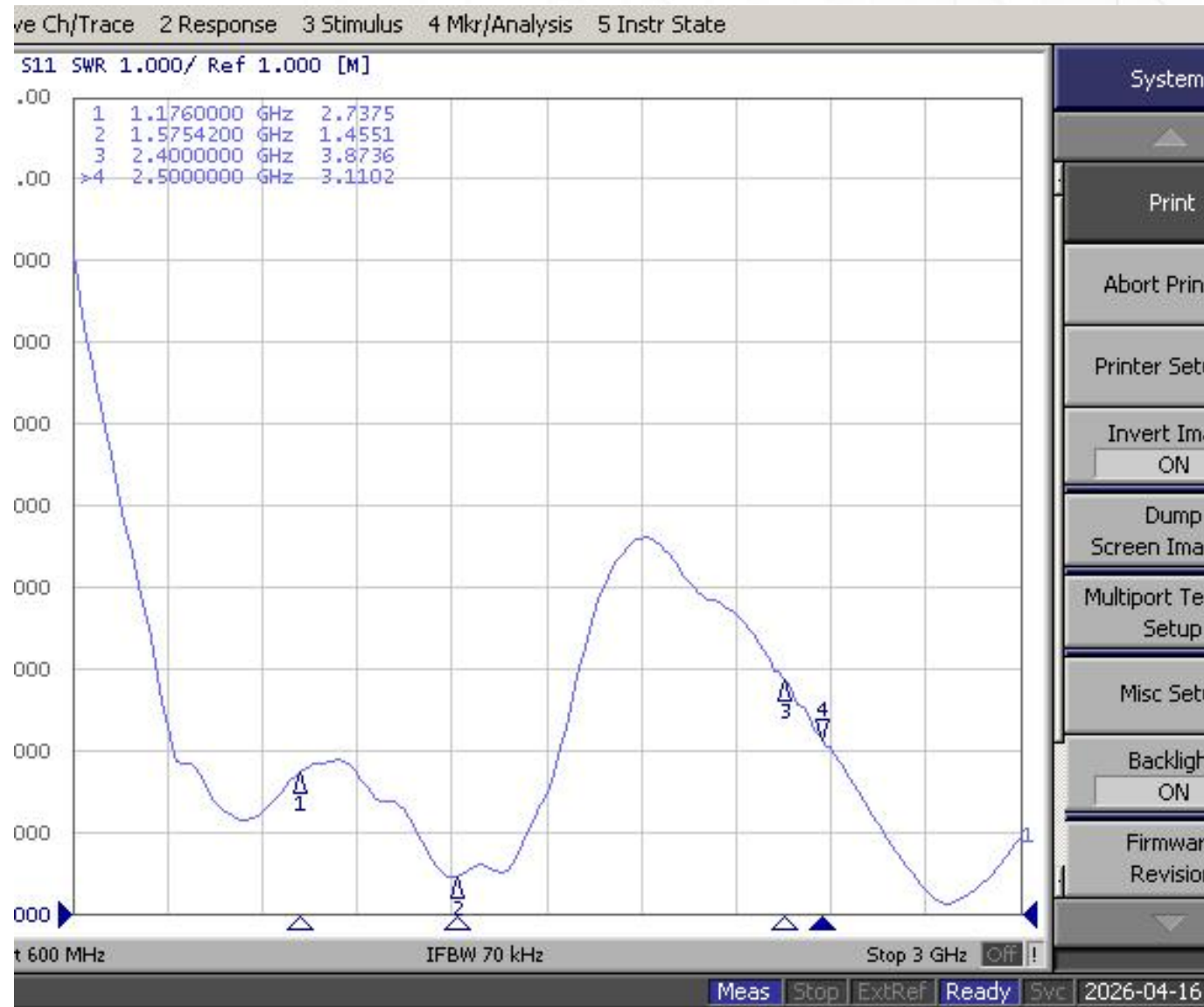
1. Project Overview
2. Report Version Records
3. Matching Circuit
4. Antenna - related Data
5. Summary



| Version | Time       | Update Notes                         |
|---------|------------|--------------------------------------|
| A0      | 2026.07.10 | Pilot Production Machine Test Report |
| A1      |            |                                      |
| A2      |            |                                      |
| A3      |            |                                      |
| A4      |            |                                      |
| A5      |            |                                      |
| A6      |            |                                      |
| A7      |            |                                      |
| A8      |            |                                      |
| A9      |            |                                      |

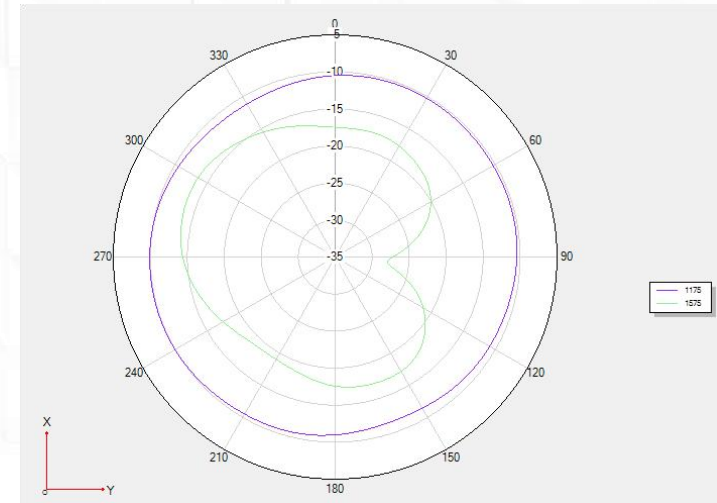
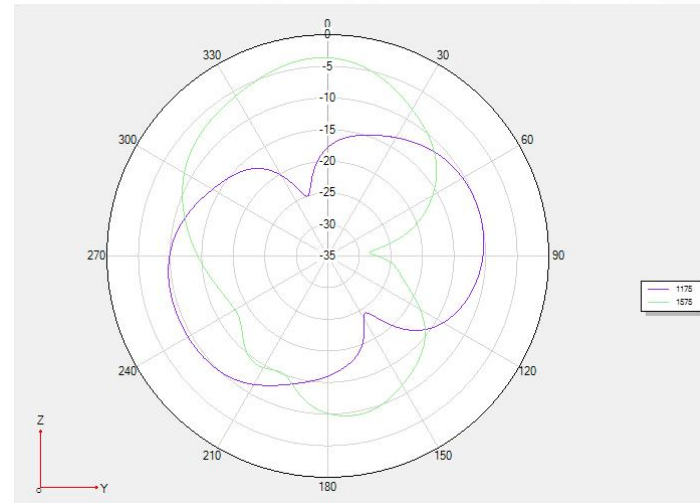
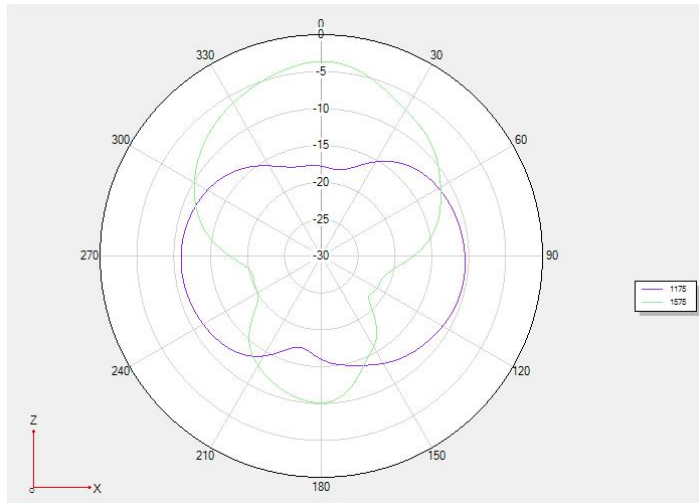
| Item                    | Content                                           | Project Prototype                                                                    | Antenna Photo                                                                       |
|-------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Type            | Smart Metal Watch                                 |  |  |
| Prototype Status        | Debugging Prototype                               |                                                                                      |                                                                                     |
| Antenna Version         | /                                                 |                                                                                      |                                                                                     |
| Structural Form         | Metal Ring                                        |                                                                                      |                                                                                     |
| Environmental Treatment | No Changes to the Latest Trial Production Machine |                                                                                      |                                                                                     |
| Matching Circuit        | No Changes to the Latest Trial Production Machine |                                                                                      |                                                                                     |

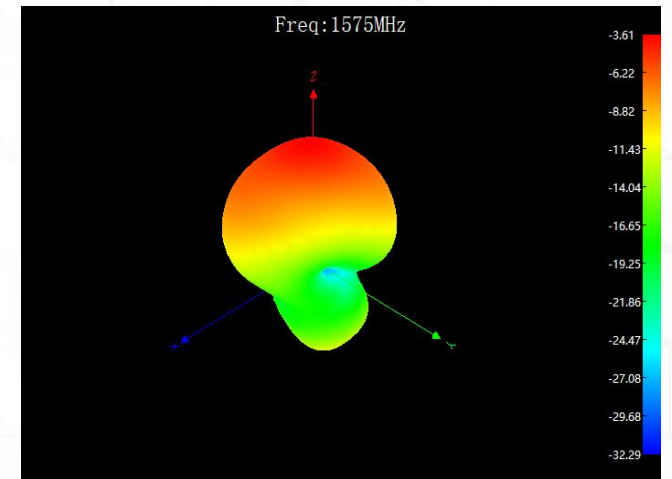
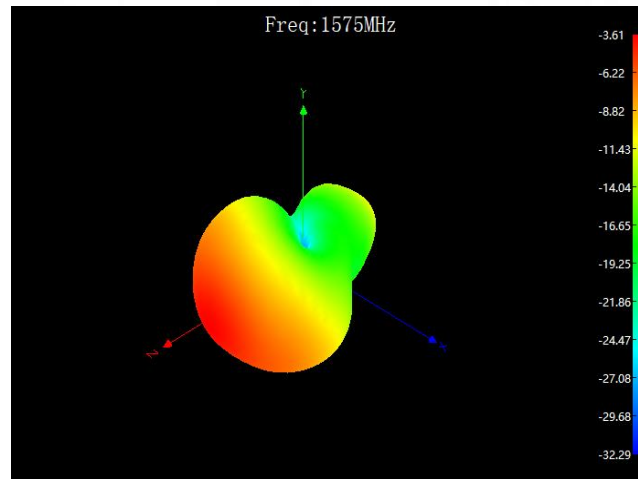
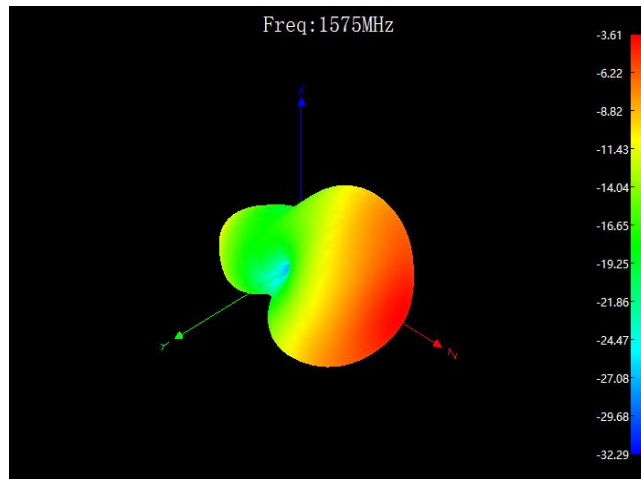
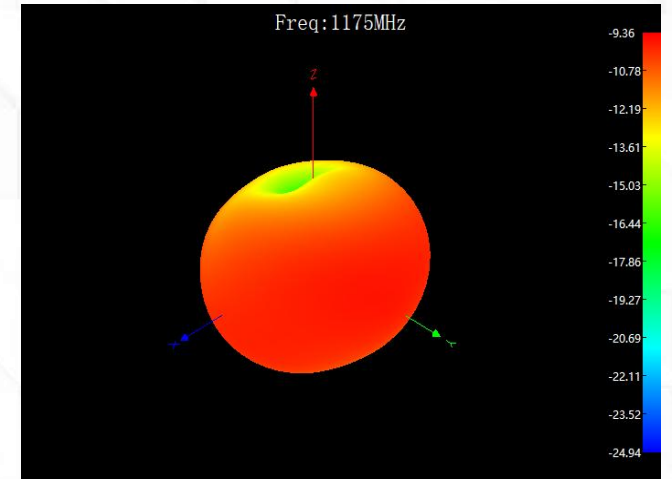
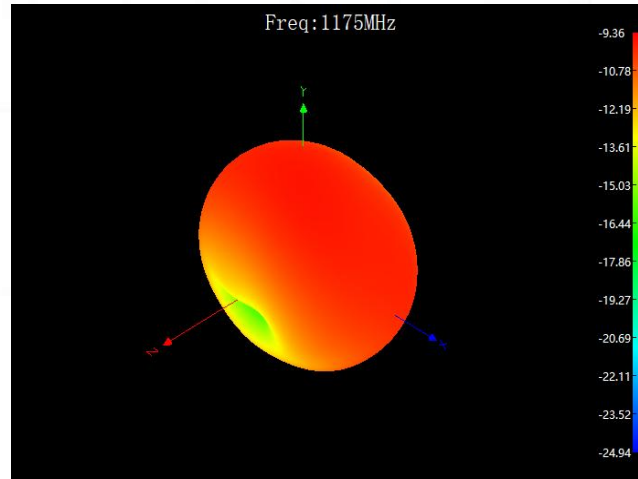
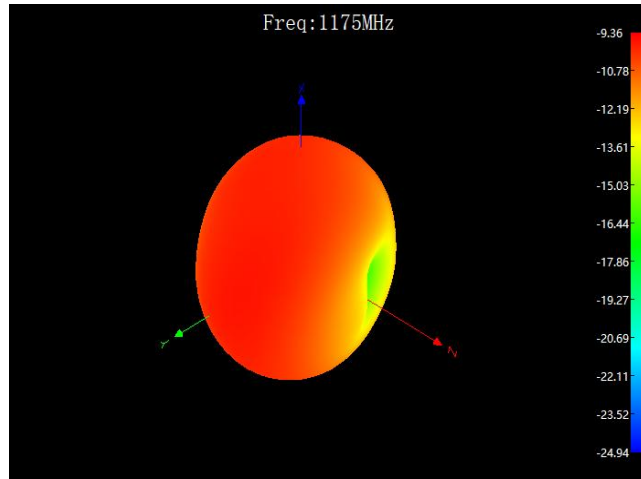
No changes have been made to the matching  
of the pilot production machine



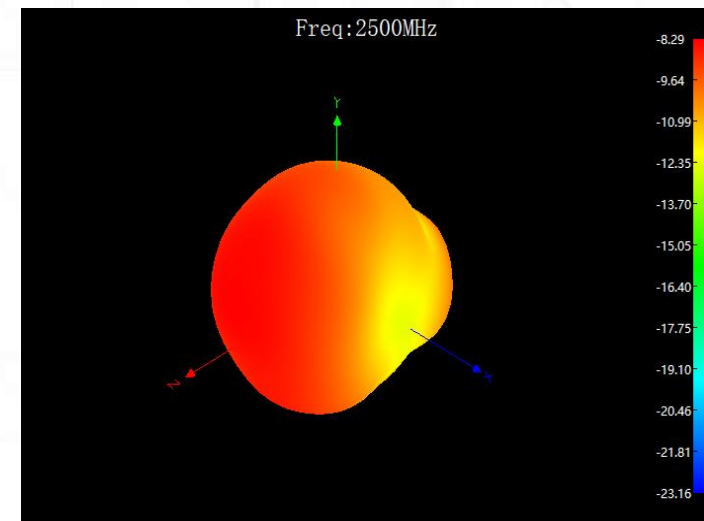
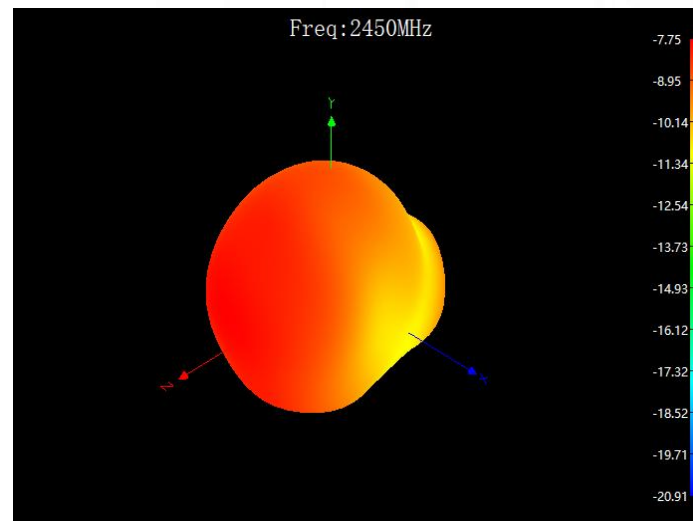
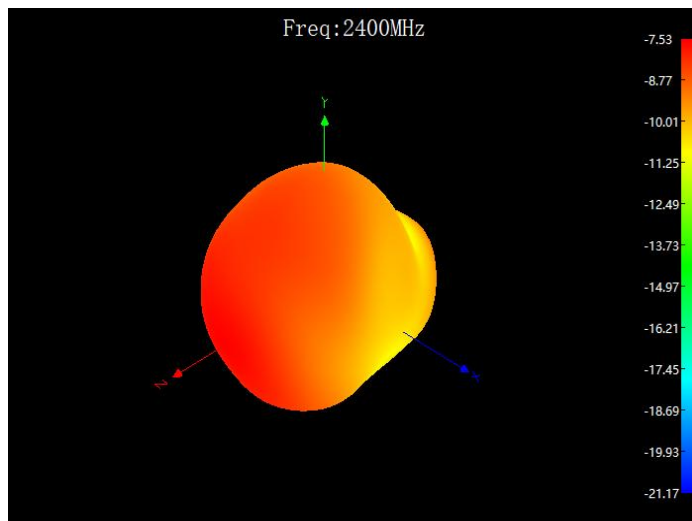
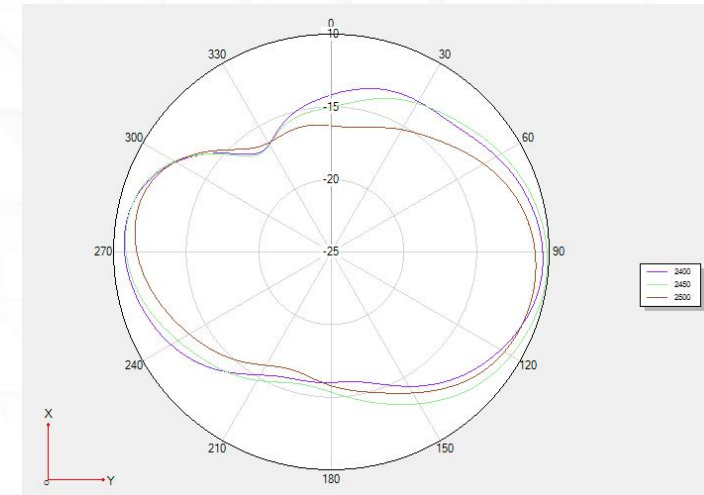
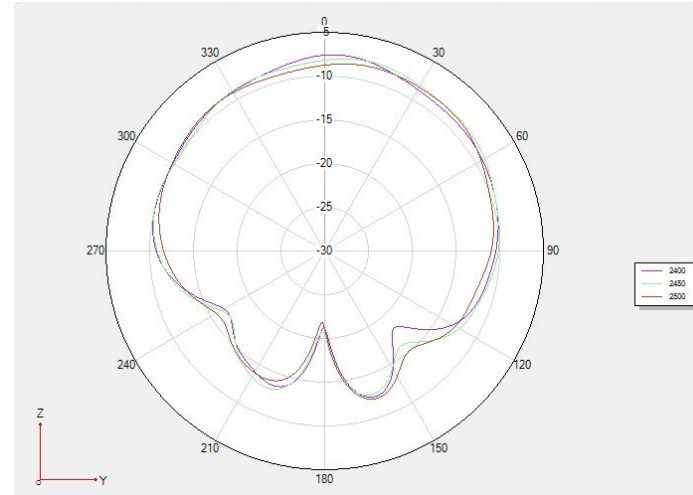
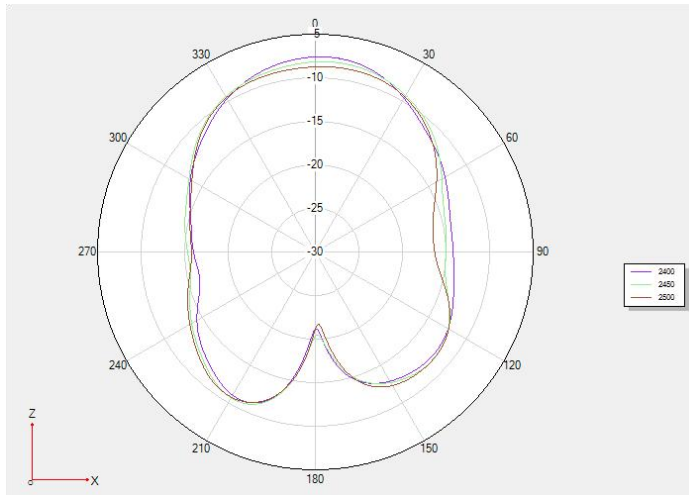


| Frequency/Mhz | Efficiency / % | MaxGain/dBi | Frequency/Mhz | Efficiency / % | MaxGain/dBi |
|---------------|----------------|-------------|---------------|----------------|-------------|
| 1100          | 4.21           | -9.32       | 1500          | 6.35           | -4.67       |
| 1105          | 4.31           | -9.18       | 1505          | 6.01           | -5.15       |
| 1110          | 4.67           | -8.82       | 1510          | 6.49           | -4.58       |
| 1115          | 4.55           | -8.97       | 1515          | 6.58           | -4.57       |
| 1120          | 4.67           | -8.66       | 1520          | 6.73           | -4.48       |
| 1125          | 4.27           | -9.12       | 1525          | 6.73           | -4.44       |
| 1130          | 4.56           | -8.97       | 1530          | 6.87           | -4.37       |
| 1135          | 4.43           | -9.03       | 1535          | 7              | -4.3        |
| 1140          | 4.61           | -8.99       | 1540          | 6.97           | -4.39       |
| 1145          | 4.61           | -9.11       | 1545          | 6.87           | -4.42       |
| 1150          | 4.38           | -9.36       | 1550          | 7.08           | -4.35       |
| 1155          | 4.41           | -9.16       | 1555          | 7.26           | -4          |
| 1160          | 4.3            | -9.47       | 1560          | 7.16           | -3.98       |
| 1165          | 4.5            | -9.39       | 1565          | 7.03           | -4.15       |
| 1170          | 4.28           | -9.67       | 1570          | 7.38           | -3.73       |
| 1175          | 4.75           | -9.36       | 1575          | 7.41           | -3.61       |
| 1180          | 4.19           | -9.51       | 1580          | 7.78           | -3.28       |
| 1185          | 4.56           | -9.45       | 1585          | 8.26           | -2.86       |
| 1190          | 4.31           | -9.61       | 1590          | 8.39           | -2.92       |
| 1195          | 3.89           | -9.94       | 1595          | 9.27           | -2.27       |
| 1200          | 4.35           | -9.68       | 1600          | 8.65           | -2.78       |



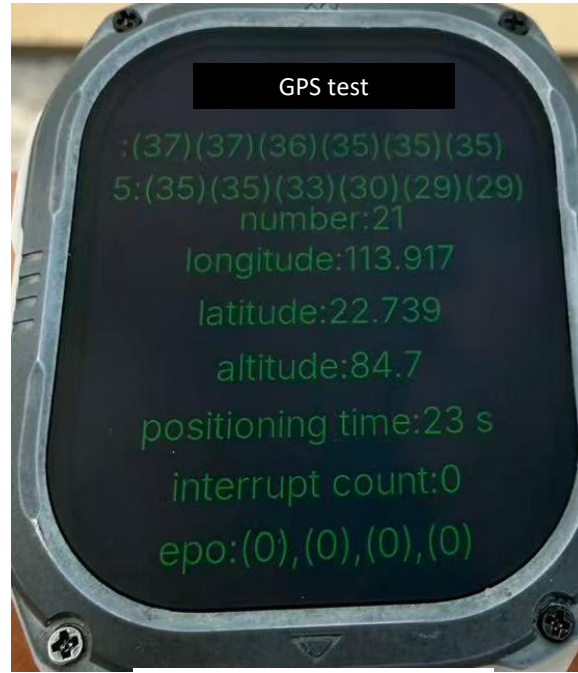


| Frequency/Mhz | Efficiency / % | MaxGain/dBi |
|---------------|----------------|-------------|
| 2400          | 6.13           | -7.53       |
| 2410          | 6.01           | -7.58       |
| 2420          | 6.48           | -7.62       |
| 2430          | 6.35           | -7.5        |
| 2440          | 6.08           | -7.83       |
| 2450          | 6.21           | -7.75       |
| 2460          | 6.01           | -7.97       |
| 2470          | 5.75           | -7.97       |
| 2480          | 6.01           | -8.24       |
| 2490          | 6.11           | -8.12       |
| 2500          | 6              | -8.29       |

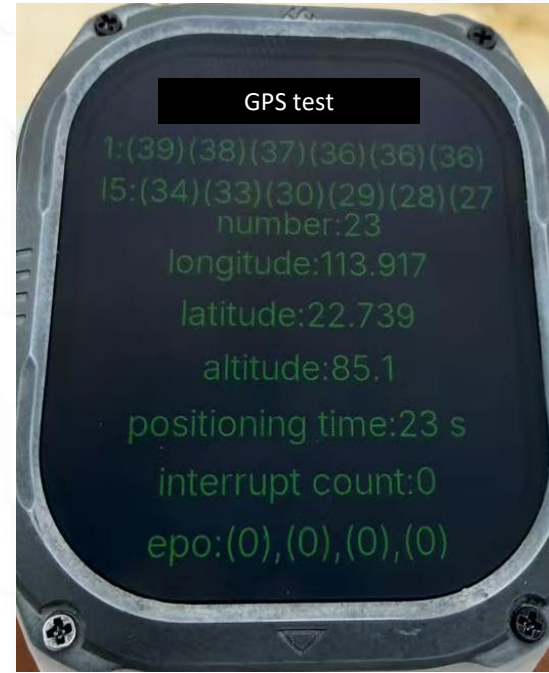




due east



due south



due west



due north

1. The matching circuit and environmental processing for the pilot production machine have not been modified.
2. The passive data test for the antenna is now successful.
3. Actual measurements show that the average values for both L1's top 5 stars and L5's top 5 stars are above 35 and 30, respectively.



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# Thank You

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