



Test Report No.: AN2411WDG0096

ANTENNA TEST REPORT

| | |
|-----------|--|
| Applicant | E. Gluck Corporation |
| Address | 6015 Little Neck Parkway, Little Neck New York 11362 USA |

| | |
|--------------------------|--|
| Manufacturer or Supplier | E. Gluck Corporation |
| Address | 6015 Little Neck Parkway, Little Neck New York 11362 USA |
| Product | BT Antenna |
| Brand Name | Anne Klein |
| Model | C10-35-2.5 |
| Max. Peak Gain | -2.36 dBi |
| Date of tests | Dec. 09, 2024 |

| | |
|---|---|
| Prepared by Andy Zhu Supervisor / EMC Department | Approved by Glyn He Assistant Manager / EMC Department |
|---|---|

Date: Dec. 17, 2024

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Bureau Veritas Shenzhen Co., Ltd.
Dongguan Branch

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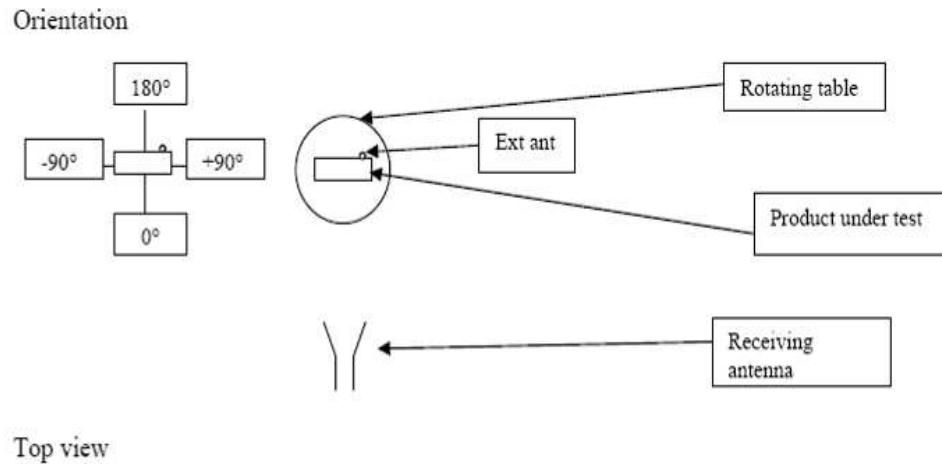


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TABLE OF CONTENTS

| | |
|--|-----------|
| 1. MEASUREMENTS SETUP | 3 |
| 1.1 TEST PROCEDURE..... | 3 |
| 2. MEASUREMENT UNCERTAINTY | 4 |
| 3. SIZE OF THE ANTENNA..... | 4 |
| 4. TEST INSTRUMENTS | 5 |
| 5. TEST RESULTS..... | 6 |
| 6. PHOTOGRAPHS OF THE TEST CONFIGURATION..... | 13 |

1. MEASUREMENTS SETUP



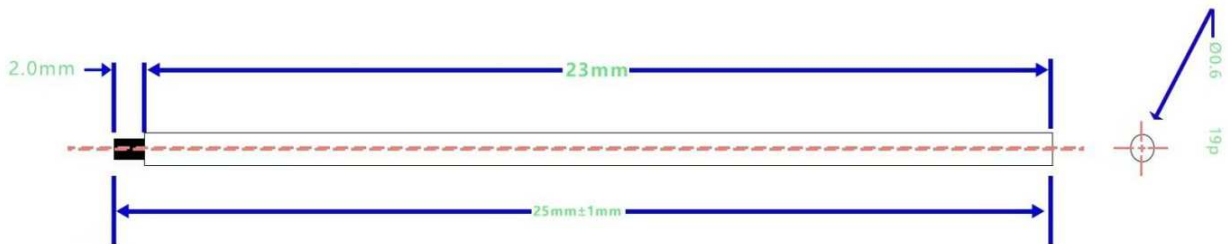
1.1 TEST PROCEDURE

- The EUT was placed on the rotating table 1.5 meters above the ground at a Fully Anechoic Room, the table was rotated 360 degrees.
- The EUT was set 3 meters away from the receiving antenna, which was mounted on the top of a antenna tower.
- The antenna is 1.5 meters above the ground. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position.

2. MEASUREMENT UNCERTAINTY

Expanded Uncertainty for Measurement (k=2 or 95% confidence level) at Passive antenna test over frequency range 1000MHz-6000MHz is +/- 1.86dB.

3. SIZE OF THE ANTENNA



4. TEST INSTRUMENTS

| Equipment | Manufacturer | Model No. | Serial No. | Next Cal. |
|-------------------------|---------------|------------------------|-------------|-------------|
| Signal Generator | Agilent | N5183A | MY50140980 | Jul. 08, 25 |
| Spectrum Analyzer | Rohde&Schwarz | FSV40 | 101003 | Jan. 01, 25 |
| Broad-Band Horn Antenna | SCHWARZBECK | BBHA 9120 D | 9120D-1247 | Apr. 13, 25 |
| Broad-Band Horn Antenna | SCHWARZBECK | BBHA 9120 B | 00740 | Jul. 19, 25 |
| Turn Table | MF | MF-7802 | MF780208191 | N/A |
| Controller | MF | MF-7802 | MF780208243 | N/A |
| Test Software | BV ADT | BV ADT Antenna Pattern | V6.2 | N/A |

- NOTE:**
1. The test was performed in Fully Anechoic Room.
 2. Equipment are calibrated by calibration laboratory accredited to ISO/IEC 17025 by a mutually recognized Accreditation and all tests are conducted within a valid calibration cycle.
 3. Test Lab Address: No. 96, Guantai Road (Houjie Section), Houjie Town, Dongguan City, Guangdong Province. 523942. People's Republic of China.

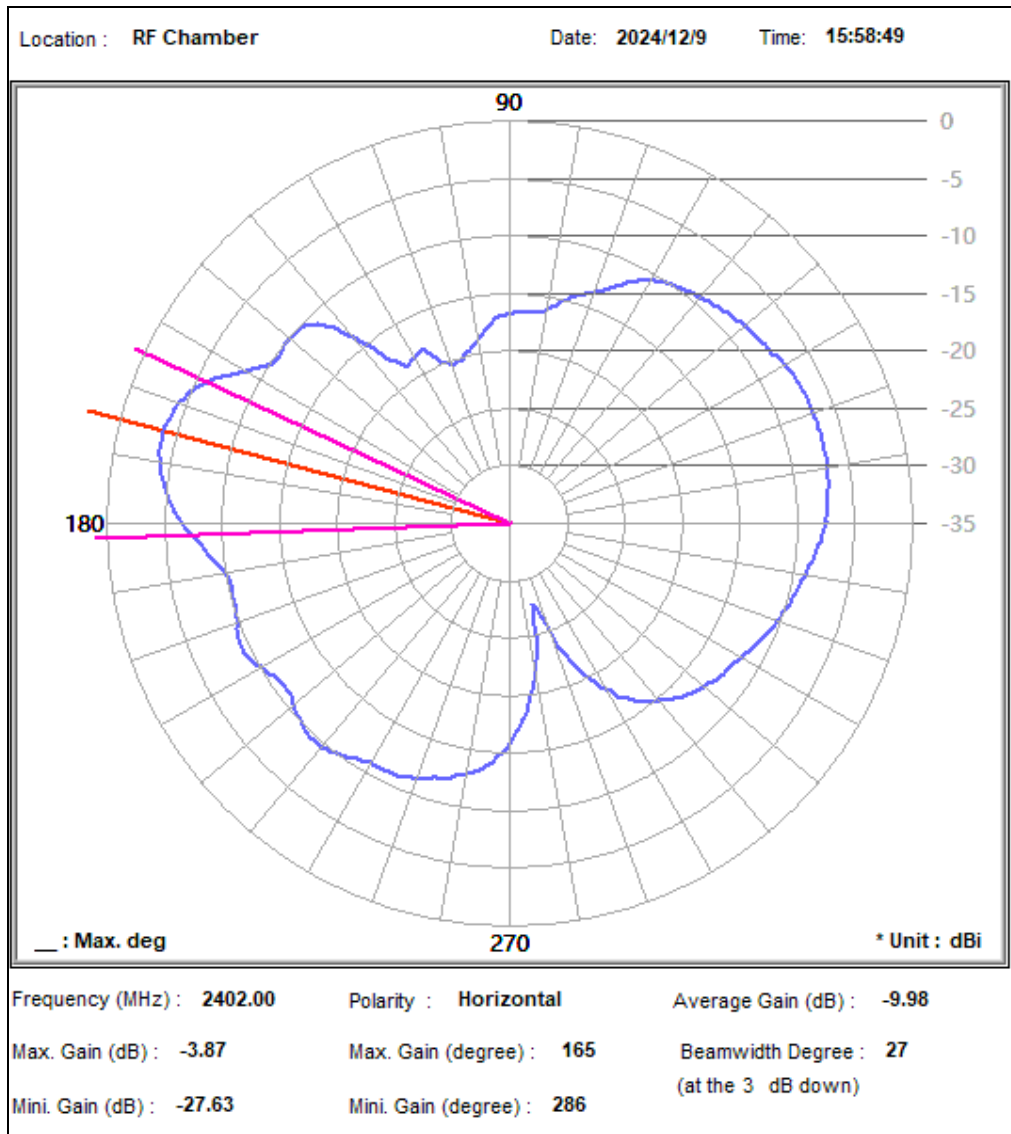
5. TEST RESULTS

| ANTENNA | FREQUENCY (MHz) | ANTENNA POLARITY | MAX. PEAK GAIN (dBi) |
|---------------------|-----------------|------------------|----------------------|
| Monopole Antenna | 2402 | Horizontal | -3.87 |
| | | Vertical | -2.64 |
| | 2440 | Horizontal | -4.94 |
| | | Vertical | -2.36 |
| | 2480 | Horizontal | -3.91 |
| | | Vertical | -3.08 |



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Frequency: 2402 MHz (Horizontal)



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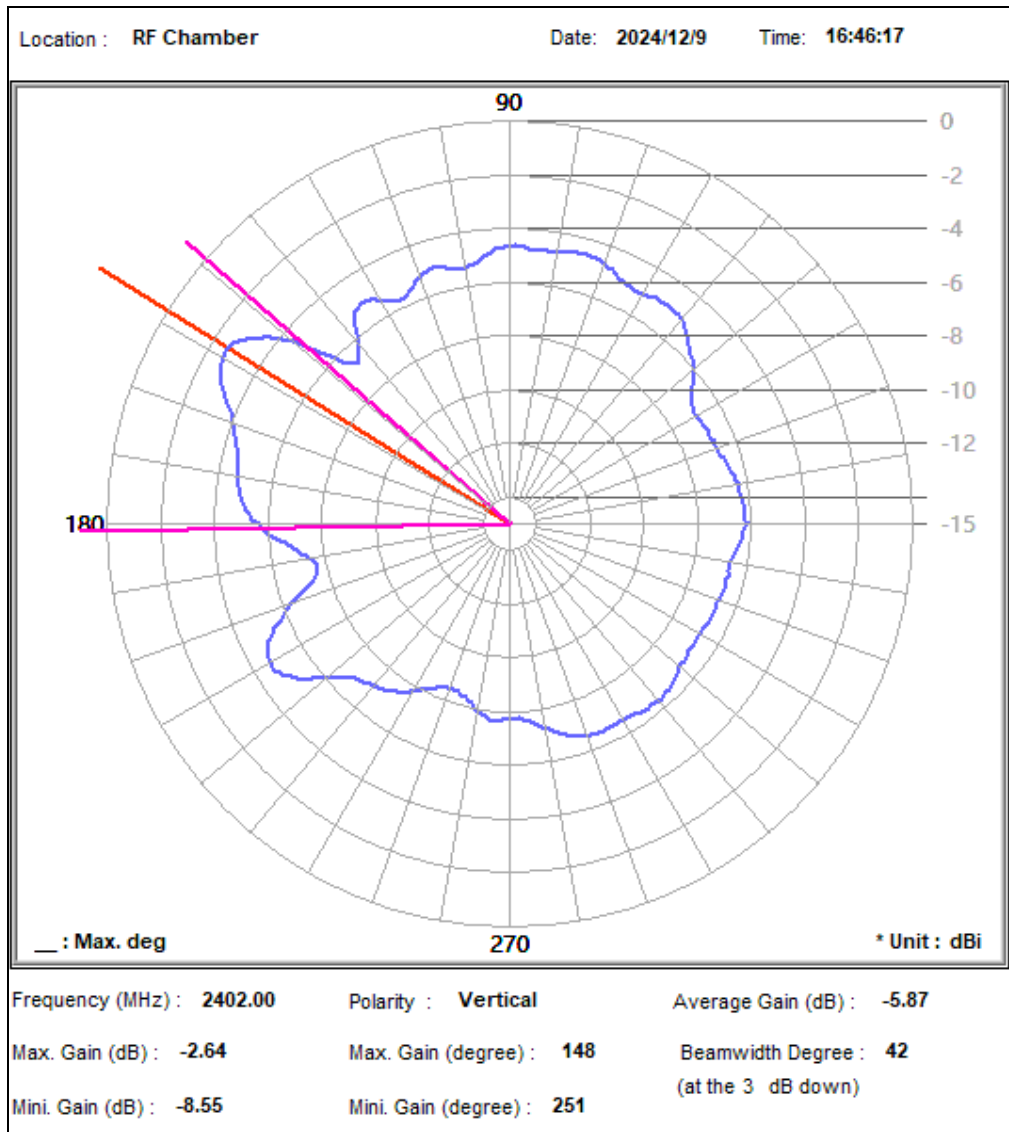
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Frequency: 2402 MHz (Vertical)



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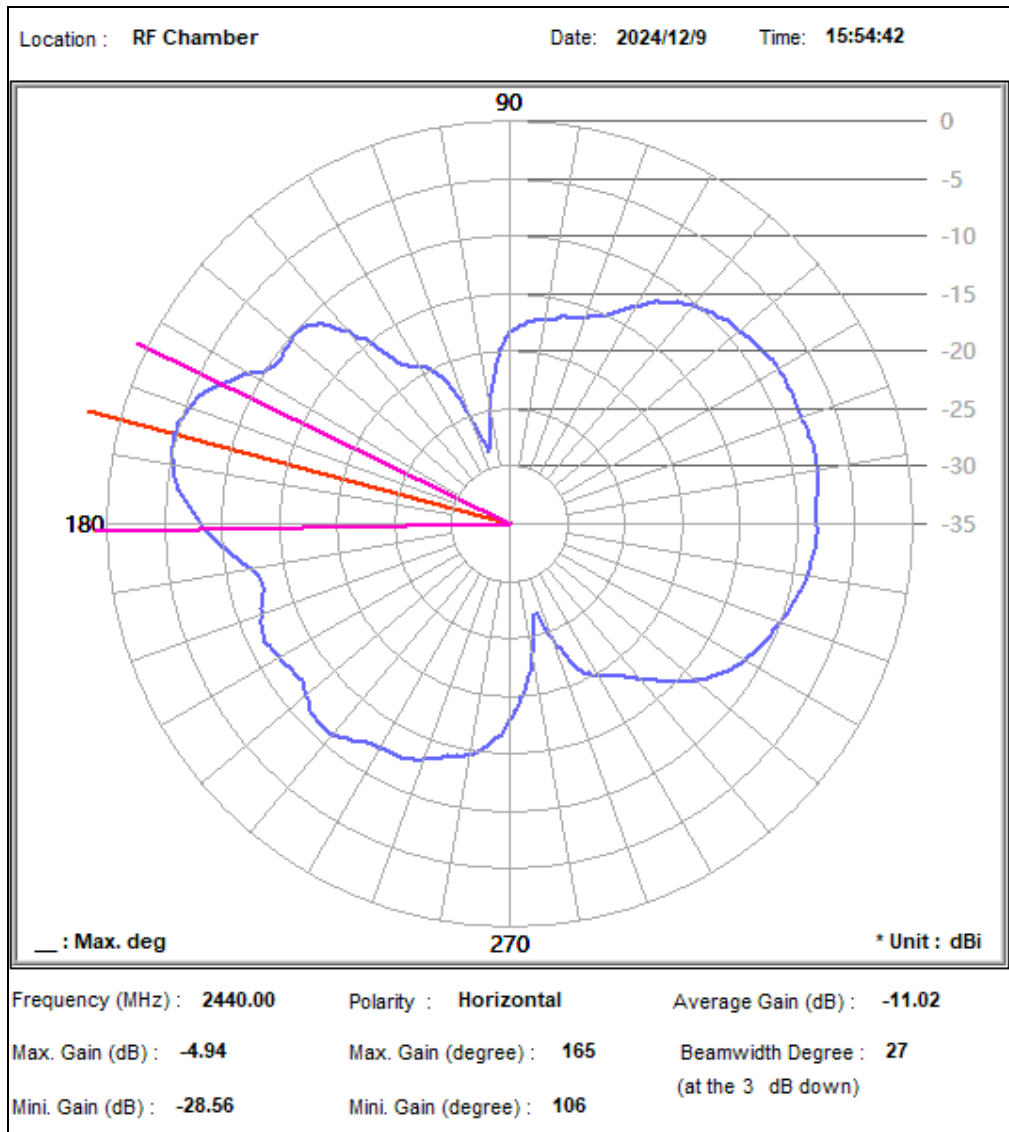
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Frequency: 2440 MHz (Horizontal)



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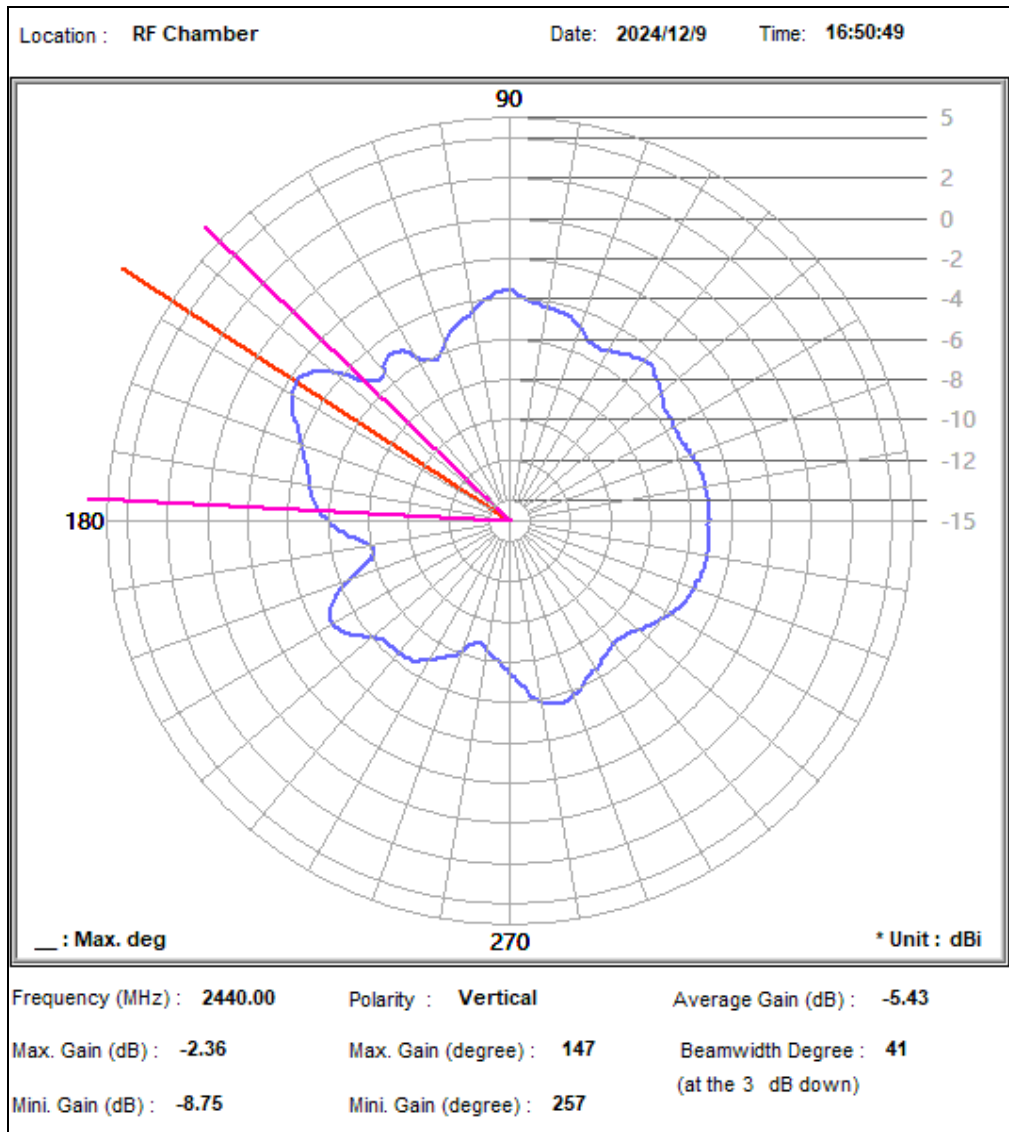
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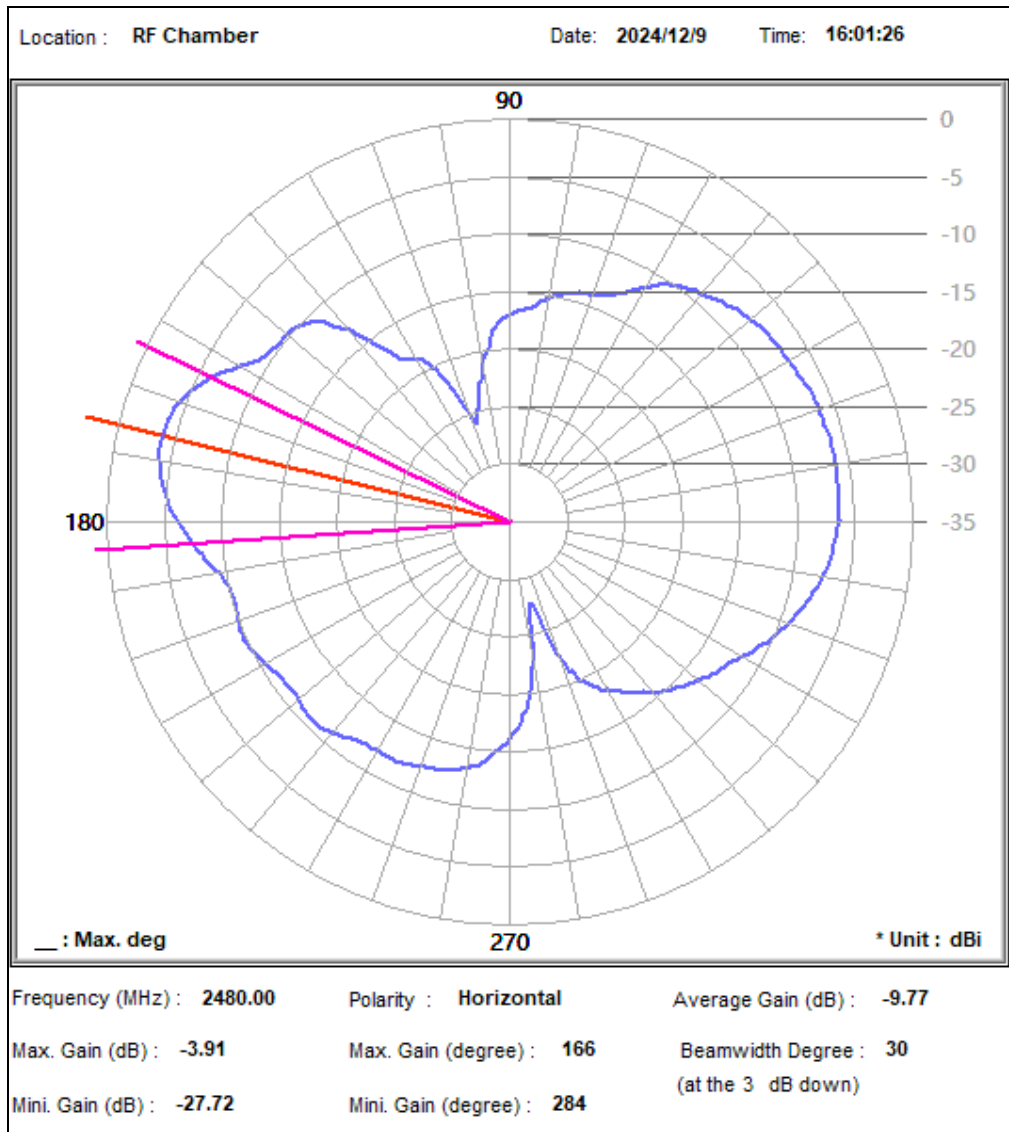
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Frequency: 2480 MHz (Horizontal)



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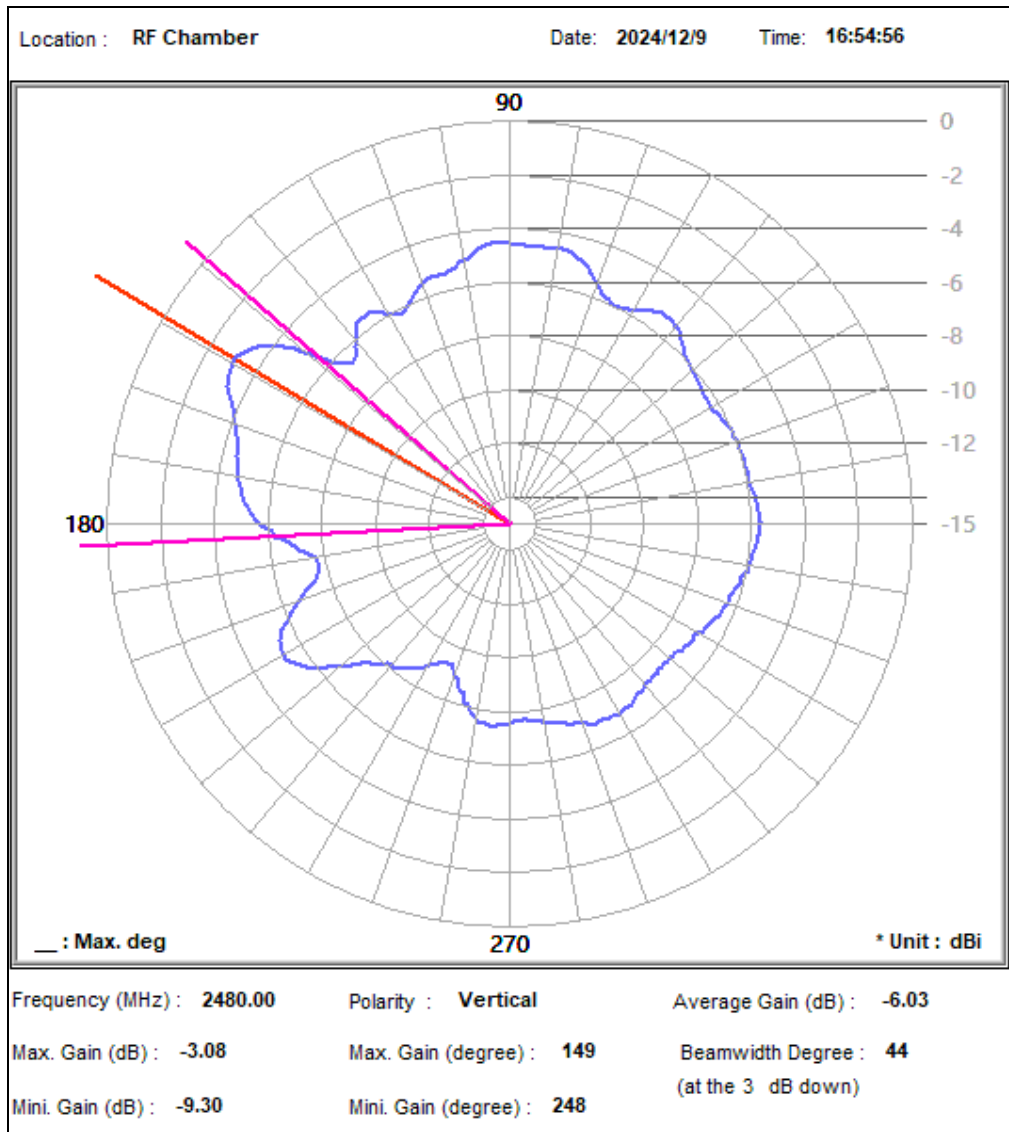
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Test Report No.: AN2411WDG0096

Frequency: 2480 MHz (Vertical)



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6. PHOTOGRAPHS OF THE TEST CONFIGURATION

