

Antenna Test Report

Equipment : PCB antenna
Model Name : 69075
Applicant : Litestar Electronics Technology Co., Ltd.
Manufacturer : Litestar Electronics Technology Co., Ltd.
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Address

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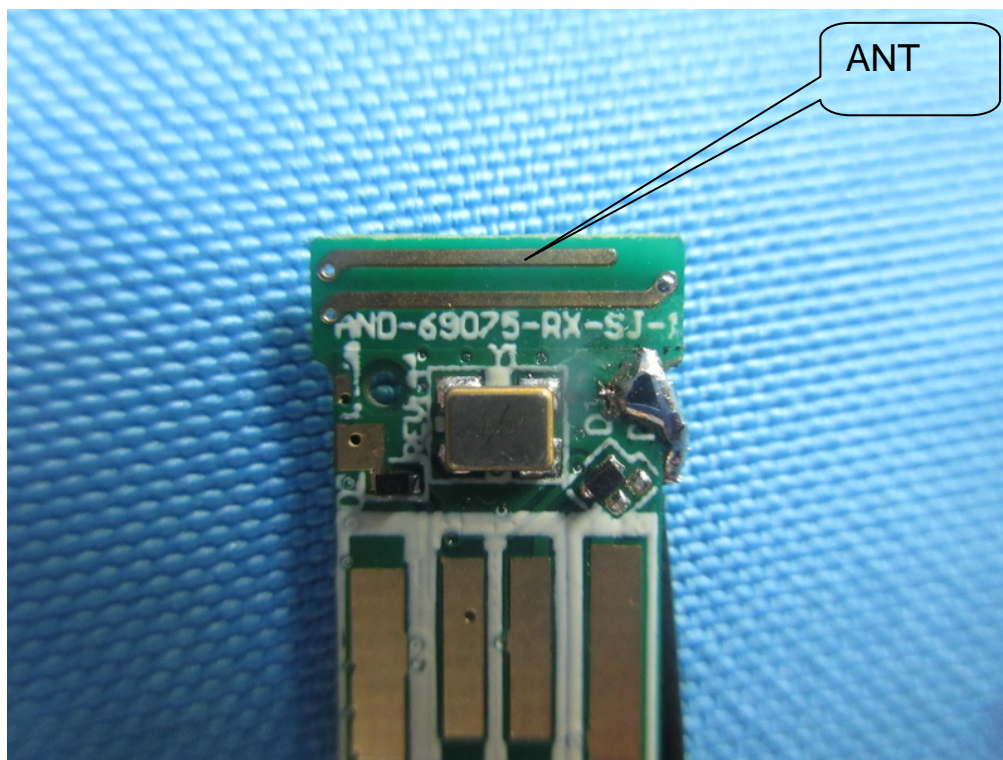
REPORT ISSUED HISTORY

| Issued Version | Description | Issued Date |
|----------------|-----------------|---------------|
| 1.0 | Original Issue. | Aug. 16, 2018 |

1. General Information

| | |
|------------------|---------------------------|
| Item | PCB antenna |
| Model Name | 69075 |
| Model Difference | N/A |
| Antenna Type | PCB Antenna |
| Max. Gain (dBi) | -1.12 (2400MHz~2483.5MHz) |

2. Antenna Photo

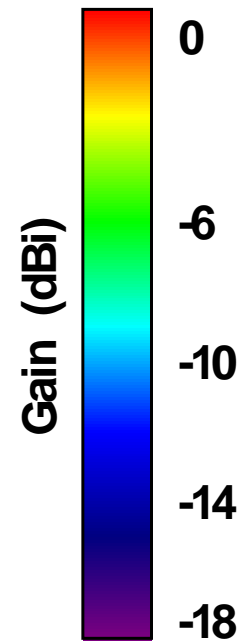
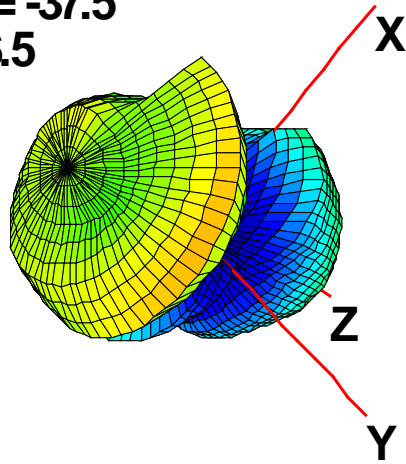


3. Gain & Pattern

| | Frequency (MHz) | Efficiency (%) | Gain (dBi) |
|------|-----------------|----------------|------------|
| 2.4G | 2400 | 15.48 | -1.82 |
| | 2405 | 15.74 | -2.49 |
| | 2410 | 9.74 | -3.99 |
| | 2415 | 11.59 | -4.40 |
| | 2420 | 8.03 | -5.47 |
| | 2425 | 10.95 | -4.54 |
| | 2430 | 10.08 | -4.67 |
| | 2435 | 16.14 | -2.78 |
| | 2440 | 17.10 | -2.06 |
| | 2445 | 23.25 | -1.67 |
| | 2450 | 19.43 | -1.12 |
| | 2455 | 17.41 | -3.17 |
| | 2460 | 11.53 | -2.95 |
| | 2465 | 11.73 | -4.63 |
| | 2470 | 10.41 | -3.28 |
| | 2475 | 12.62 | -4.15 |
| | 2480 | 13.09 | -2.28 |
| | 2485 | 18.49 | -2.31 |
| | 2490 | 23.54 | 0.03 |
| | 2495 | 25.28 | -1.00 |
| 2500 | 23.68 | -0.21 | |

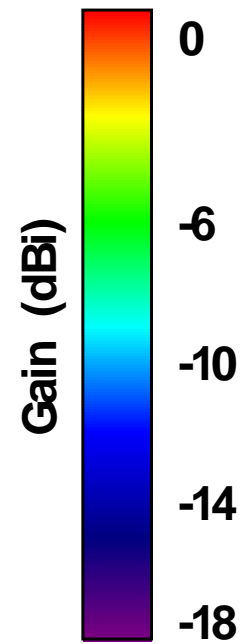
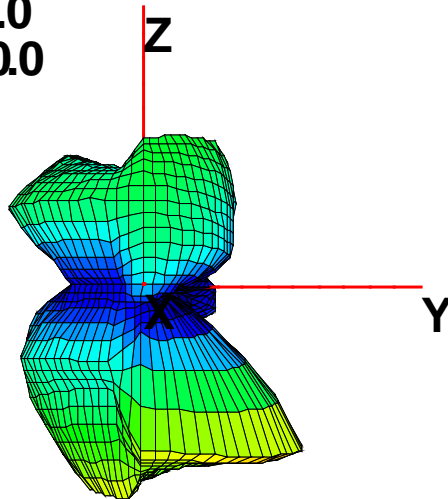
Total

Azimuth = 137.3
Elevation = -37.5
Roll = -166.5

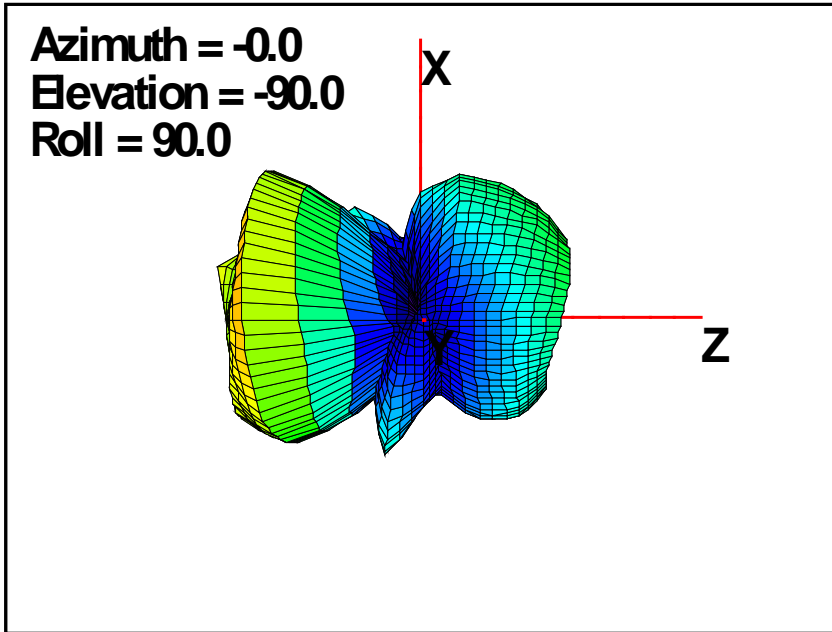


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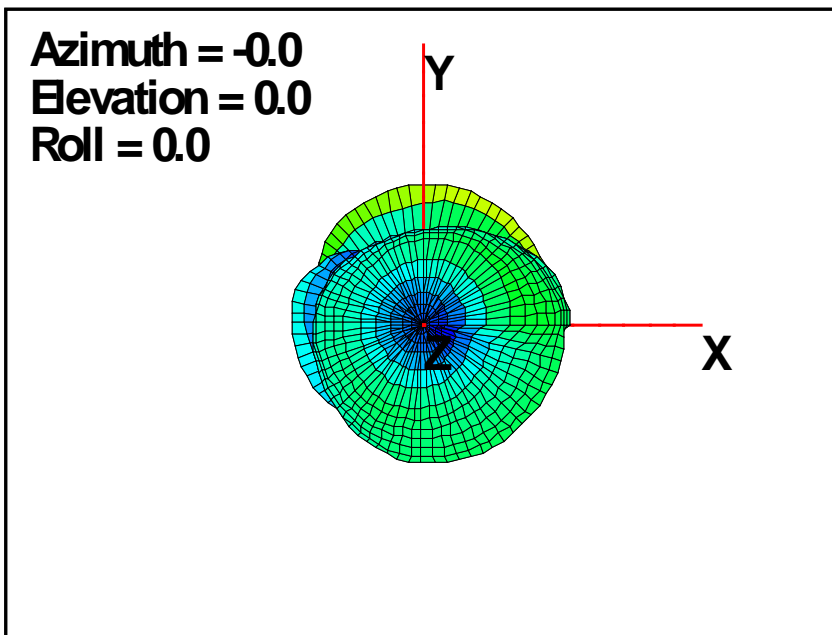
Azimuth = 90.0
Elevation = -0.0
Roll = -90.0



Total



Total



4. Test Photos

