



Product Specification

Part Name: NW2977-1658

**Description: 2.4G rubber antenna, bend
SMA male**

Specification

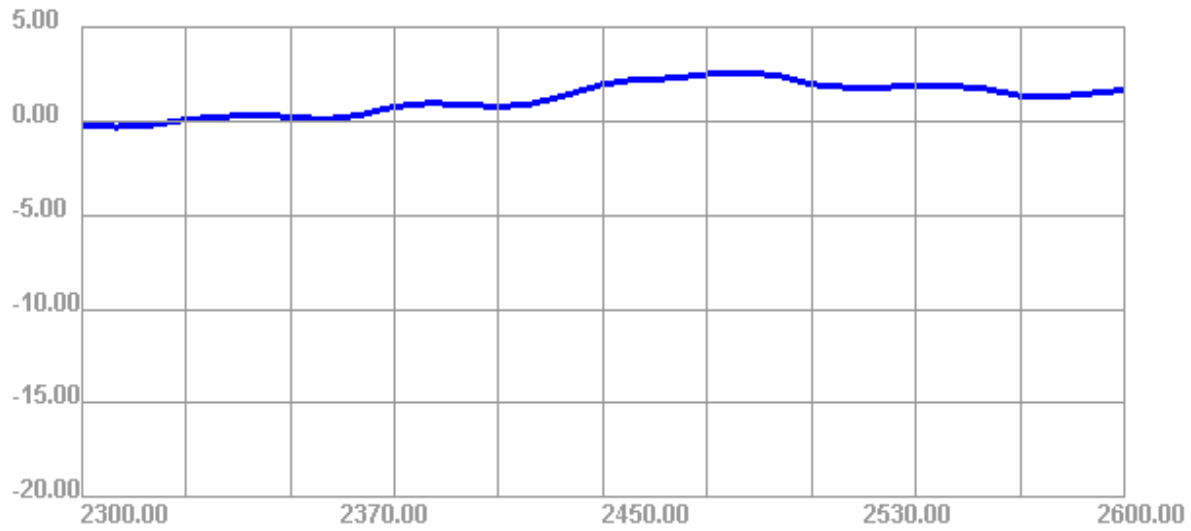
| Electrical | |
|-----------------------|--------------------------|
| Frequency | 2400-2485Mhz |
| Radiation Pattern | Omni-directional |
| Polarization mode | Linear |
| Gain | 2Dbi |
| VSWR | <2.0 |
| Impedance | 50 Ω |
| Maximum Power input | 5W |
| Mechanical | |
| Mounting type | SMA Plug |
| Antenna dimension | 500±1 |
| Material | ABS |
| Case color | Black |
| Connector type | SMA plug, bend, 90degree |
| Environment | |
| Working humidity | 20-80% |
| Operation Temperature | -40°C ~ +85°C |
| Storage Temperature | -40°C ~ +85°C |

Antenna Parameters

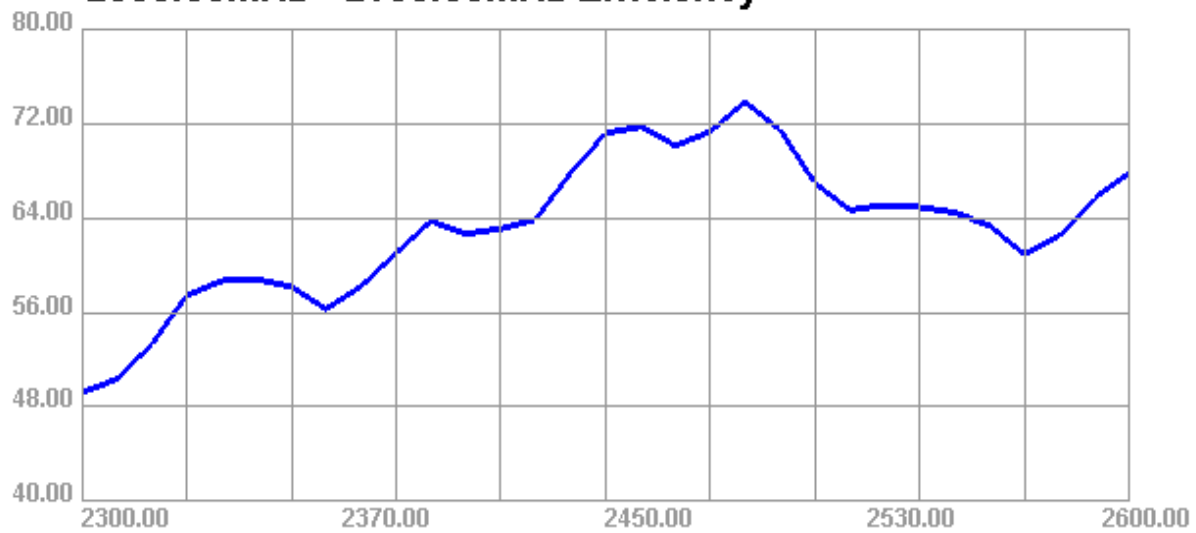
| FRE (MHz) | 2400 | 2450 | 2500 |
|------------|-------|-------|-------|
| Effi (%) | 56.79 | 58.74 | 62.77 |
| Gain (dBi) | 0.92 | 1.99 | 1.97 |
| UHS (%) | 39.81 | 44.91 | 41.25 |

Gain

2300.00MHz - 2600.00MHz Gain

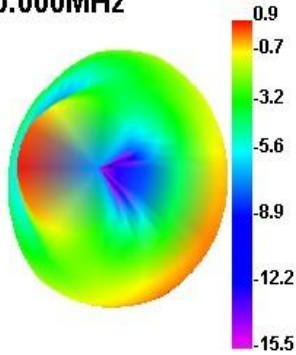


2300.00MHz - 2600.00MHz Efficiency

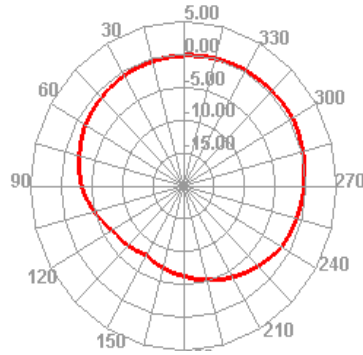


Directional Pattern

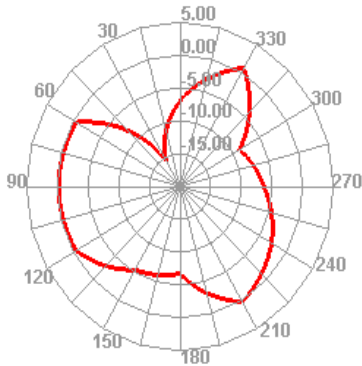
2400.000MHz



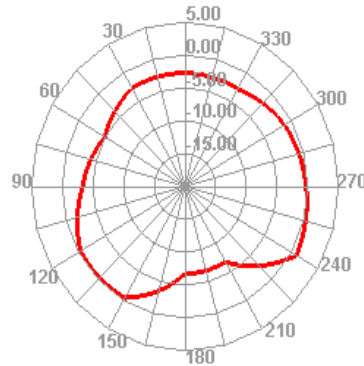
2400.000MHz H



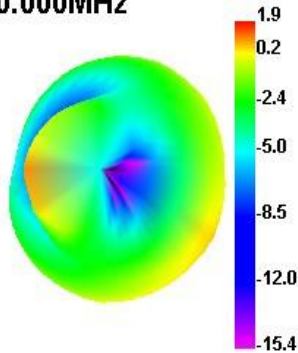
2400.000MHz E1



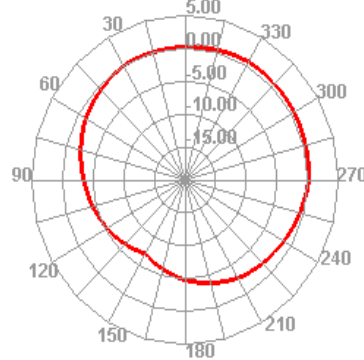
2400.000MHz E2



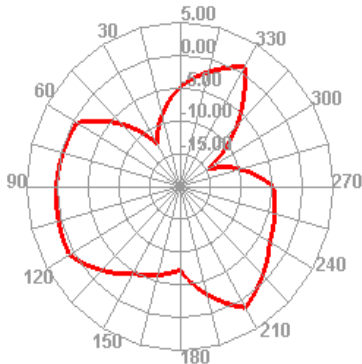
2450.000MHz



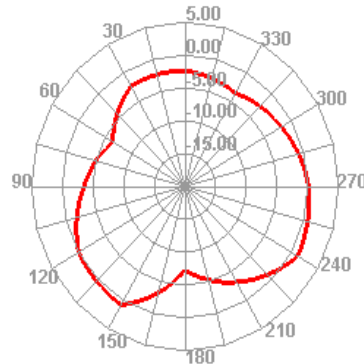
2450.000MHz H



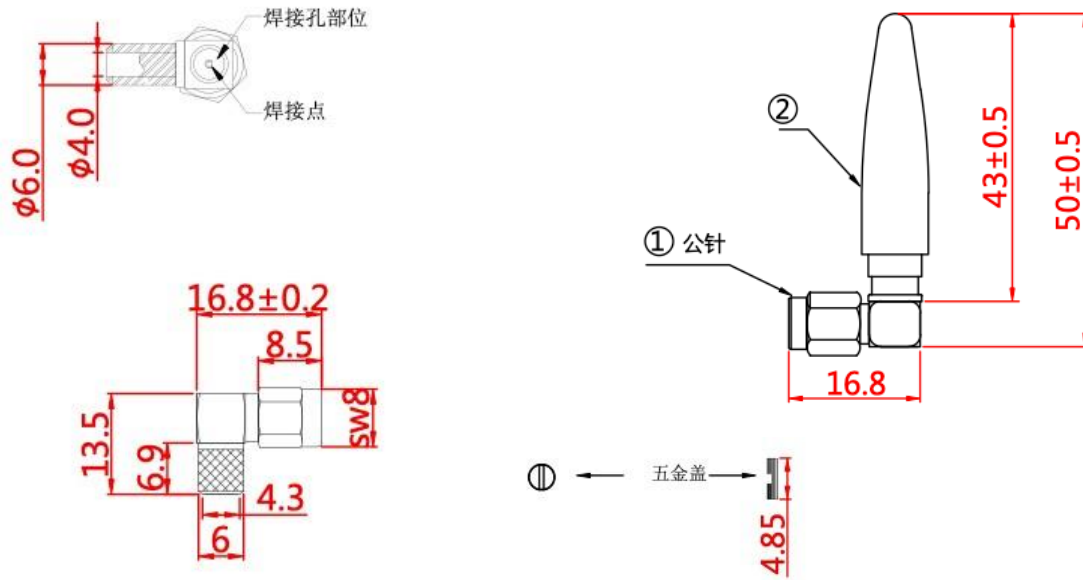
2450.000MHz E1



2450.000MHz E2



Mechanical Drawing



| No. | Name | Material | Color | Qty |
|-----|----------|----------|-------|-----|
| 1 | SMA male | Brass | Black | 1 |
| 2 | Shell | ABS | Black | 1 |

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The length of the cable in the picture below is 5cm

