

RAYTECH Rubber-antenna RRA-1R99G-O20

1. Features

- High gain
- Wide bandwidth
- Low cost
- Omni direction



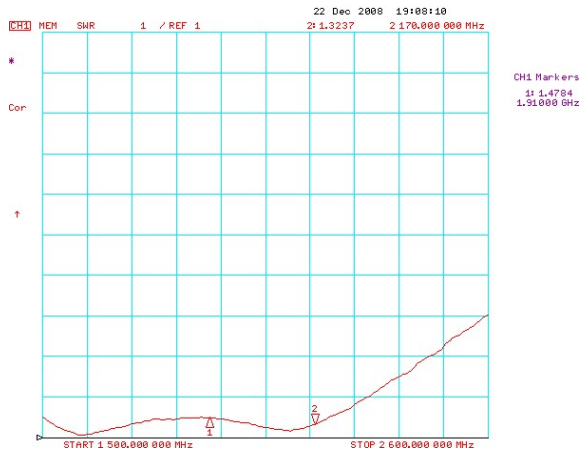
2. Application

TD-SCDMA

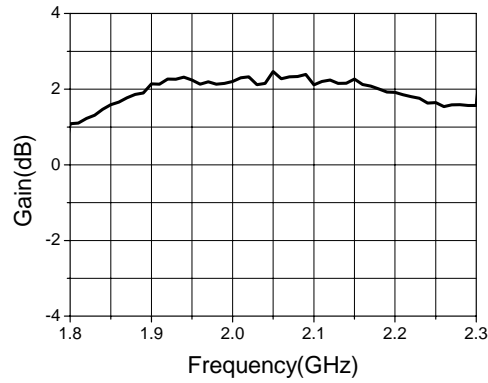
3. Specifications

| Part Number | Operating Frequency MHz | Peak Gain dBi | VSWR In BW | Impedance Ohm | Dimension ϕ XH (mm ³) |
|---------------|----------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|------------------|-------------------------------------------|
| RRA-1R99G-O20 | 1910~2170 | 2.0 | < 1.5 | 50 | 13.3X278 |
| | Operating Temperature Range: -40 ~85 °C Storage Temperature Range: -40 ~85 °C Power Capacity: 5 W max SMA (M) connector | | | | |

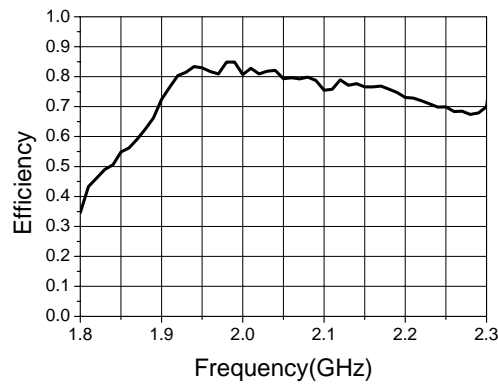
4. Typical Performance



VSWR vs. Frequency (MHz)

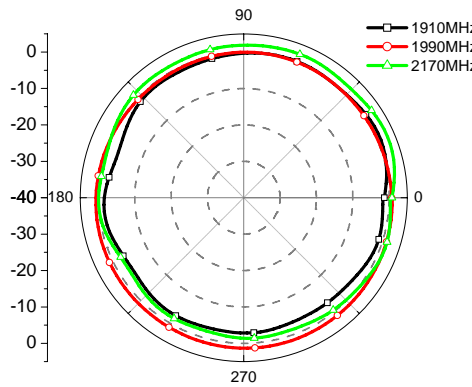


Peak Gain (dBi) vs Frequency (MHz)

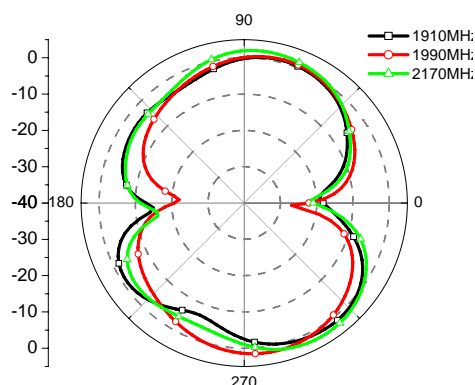


Efficiency vs. Frequency (MHz)

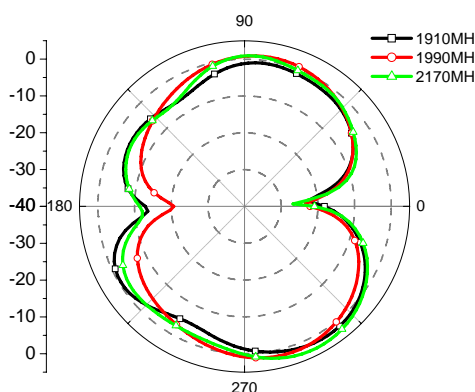
5. Typical Radiation Pattern



Radiation Pattern @ XY plane (Theta=90°)



Radiation Pattern @ YZ plane ($\Phi=0^{\circ}$)



Radiation Pattern @ XZ plane ($\Phi=90^{\circ}$)

6. Contact Information

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