

RAYTECH Wimax-SERIES RPA-3R50G-O67

1. Features

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



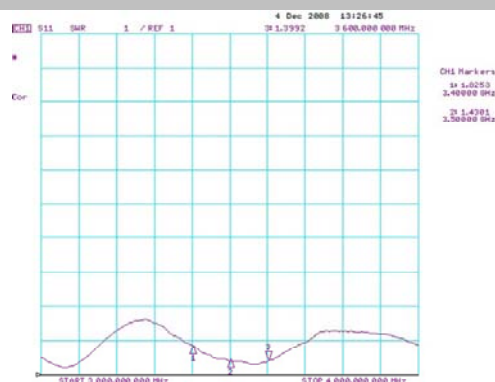
2. Application

Wimax

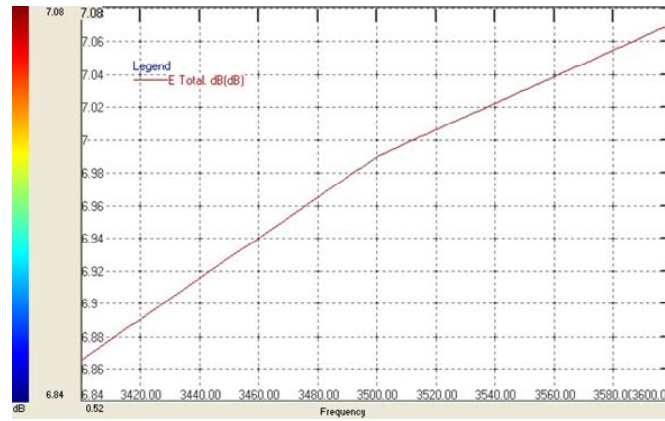
3. Specifications

Part Number	Operating Frequency	Peak Gain	VSWR	Impedance	Dimension
	MHz	dBi	In BW	Ohm	LXWXH (mm ³)
RPA-3G50G-O67	3400~3600	6.7	< 2	50	230X12X1
	Operating Temperature Range: -40 ~85 °C Storage Temperature Range: -40 ~85 °C Power Capacity: 3 W max SMA (M) connector				

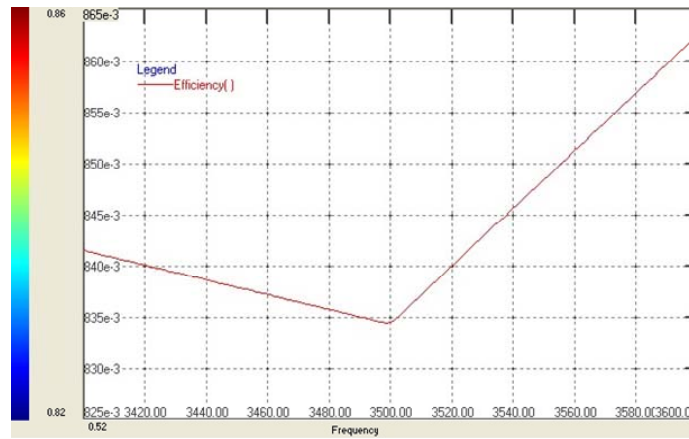
4. Typical Performance



VSWR vs. Frequency (MHz)

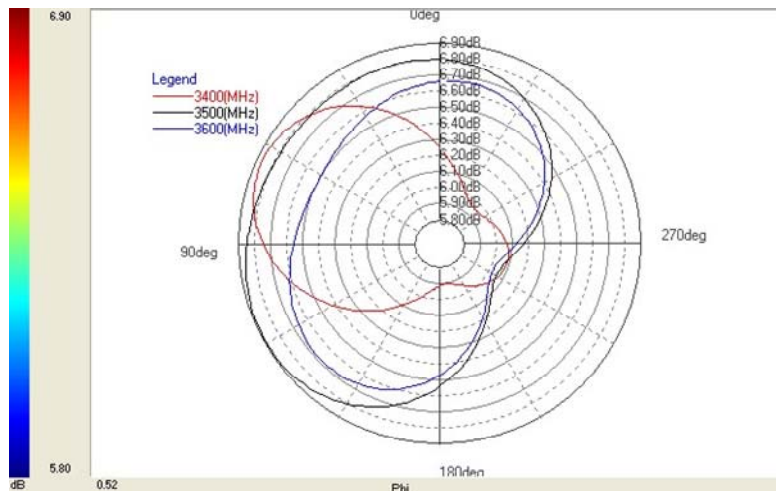


Peak Gain (dBi) vs Frequency (MHz)

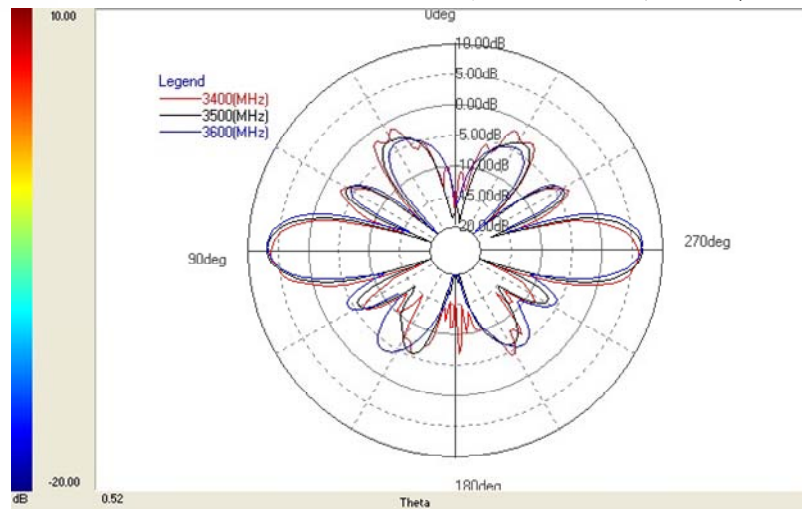


Efficiency vs. Frequency (MHz)

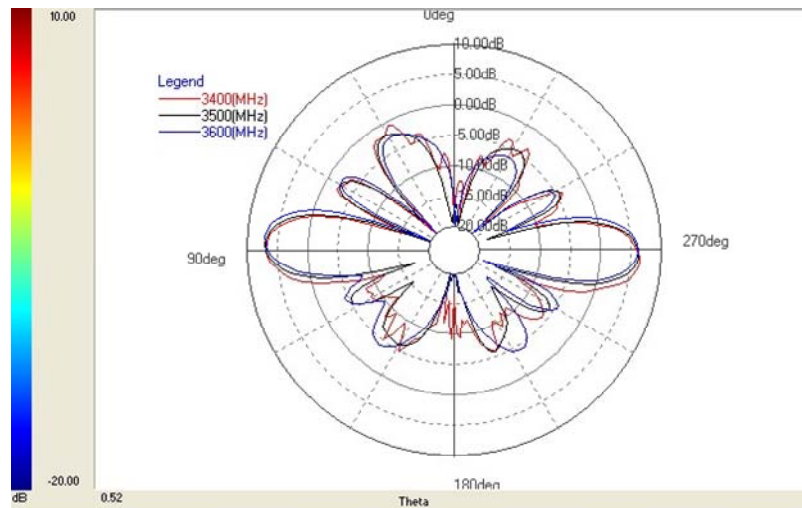
5. Typical Radiation Pattern



Radiation Pattern @ XY plane (Theta=90°)



Radiation Pattern @ YZ plane (Phi=0⁰)



Radiation Pattern @ XZ plane (Phi=90⁰)

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