

FEEDOME, PRIMARY RADIATOR, AND ANTENNA FOR MICROWAVE**ABSTRACT OF THE DISCLOSURE**

A feedome is disposed on the side of an opening of a radiator main body, and comprises a dielectric board having a thickness sufficiently smaller than the wavelength of radio wave, and a dielectric protrusion fixedly mounted to the dielectric board substantially in the center of the inner side thereof, and having a height approximately equal to integral number times $(1/2) \cdot \lambda$ where the wavelength of radio wave is λ , and a diameter approximately equal to the height of the dielectric protrusion.

FIGURE 1A & 1B