

Antenna Description

The antenna is an asymmetric dipole. The antenna is constructed on a polyimide flexible circuit. The flexible circuit uses 1 ounce copper (1.4 mil).

The left dipole element shown in Figure 1 is approximately 0.76 inches long. The right dipole element is approximately 0.57 inches to the junction with the vertical section of copper. The length of the vertical section is approximately 0.42 inches. The peak gain of the antenna in the assembled DUT is -5.4 dBi.



Figure 1 2.4 GHz Antenna