

Using Resistive Film.

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Multipath is a major source of errors of Global Navigation Satellite System applications, especially high-precision applications. If some men has some errors in ~~sp~~ pseudo range and carrier phase measurement, people will use in the system to reject the multipath signal. The commonest method for multipath mitigating is the choke-ring ground plane. It consists of several metallic concentric rings and it has that have a depth of one-quarter-wavelength. It can reduce the multipath interference, besides it has a difficult complex structure.

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A GNSS antenna broadens the bandwidth by compensating inductance. The antenna is fed by wideband four-output-ports feed network with equal magnitude.

The effect of attaching shows that the significant