

Organic Packaging for 5G and 40Ghz Applications

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A design methodology for using organic QFN package can provide Ultra broadband low loss RF performance to 40 GHz for GaAs and GaN mmims.

- The comparison of probed MMIC's S-Parameters and Calibrated measured S-Parameters are very similar.
- QFN package provides excellent RF performance over broadband frequency range for 5G.
- QFN Package has very little loss even at 40 GHz.
- Customers can use this Gerber file of the QFN test board as starting point to modify their specific applications.
- A BROADBAND MMIC from OMMIC (CGY2144 Amplifier) will be used as a prototype in a Quik-Pak 4mm square package with 3 mil Ribbon bonds.