



Infiniti Microwave provides high performance and high quality products for Original Equipment Manufacturers (OEM). Most **Infiniti Microwave**'s products are designed to meet **MIL-STD-202g** or **MIL-STD-883g** standards. Other **MIL-STD**'s may apply to some products.

All proto types or engineering samples subject 100% temperature test and mechanical dimension test. **Figure 1** summarizes the test of engineering proto type.

Representative samples (6 pieces sample size for module product and 38 pieces for packaged IC products) taken from the first production shipment and periodically thereafter shall meet certain **MIL-STD** standards covered in **Infiniti Microwave** test procedure IQA05.003 under the following qualification test conditions summarized in **Figure 2**.

Consult the factory for other standard requirement for a custom product.

LIMITED WARRANTY

The **Infiniti Microwave** warrants that, at time of shipment, the products manufactured by **Infiniti Microwave** are free from defects in material and workmanship. **Infiniti Microwave** obligation under this warranty is limited to replacement or repair of such products within one year from the date of shipment. No material is accepted for replacement or repair without written authority of **Infiniti Microwave**. Replacement or repair is made only after examination at the **Infiniti Microwave** plant shows defective material or workmanship at the time of manufacture. The buyer must prepay all shipping charges on the returned material.

Infiniti Microwave is in no event liable for consequential damages, installation cost or other costs of any nature as a result of the use of the products manufactured by **Infiniti Microwave**, whether used in accordance with instructions or not. **Infiniti Microwave** is not liable for replacement of any antenna or other equipment damaged by lightning.

This warranty is in lieu of all others, either expressed or implied. No representative is authorized to assume for **Infiniti Microwave** any other liability in connection with **Infiniti Microwave** products.



Engineering Proto Type
a) Temperature Test to electrical specifications @ 25 °C, 85 or 65 °C, and -40 °C
b) Physical dimension measurement.

FIG. 1 Engineering proto type test

Product Initial Characterization
a) Temperature Test to electrical specifications @ 25 °C, 85 or 65°C, and -40 °C
b) Physical dimension measurement.

Thermal Shock
Un-powered, -40 ~ +85 °C, 60 Min., 10 Cycles, 20 Secs. Transaction

Humidity
Un-powered, +50 °C, 90~95%, non condensing humidity, 192 hr. duration, 12 hr. maximum dry out, Electrical test @ +25 °C

Mechanical Shock
11 ms Sine Wave Pulse, 3 impacts per axis, type L, 20 g

Vibration
0.04 g², 2~200 Hz random, 15 min. per plane.

Product Final Characterization
a) Temperature Test to electrical specifications @ 25 °C, 85 or 65°C, and -40 °C
b) Physical dimension measurement.

FIG. 2 Product qualification testing flow chart