MMIC Amplifier

GALI-59+

Typical Performance Curves

GAIN vs. TEMPERATURE
INPUT POWER = -20dBm, CURRENT = 65mA

GAIN vs. CURRENT
INPUT POWER = -20dBm, Temperature = +25°C

ISOLATION vs. TEMPERATURE
INPUT POWER = -20dBm, CURRENT = 65mA

ISOLATION vs. CURRENT
INPUT POWER = -20dBm, Temperature = +25°C

INPUT RETURN LOSS vs. TEMPERATURE
INPUT POWER = -20dBm, CURRENT = 65mA

INPUT RETURN LOSS vs. CURRENT
INPUT POWER = -20dBm, Temperature = +25°C

OUTPUT RETURN LOSS vs. TEMPERATURE
INPUT POWER = -20dBm, CURRENT = 65mA

OUTPUT RETURN LOSS vs. CURRENT
INPUT POWER = -20dBm, Temperature = +25°C
**Typical Performance Curves**

**OUTPUT IP3 vs. TEMPERATURE**
- At -45°C
- At +25°C
- At +85°C

**OUTPUT IP3 vs. CURRENT**
- At -20dBm, Temperature = +25°C

**OUTPUT POWER at 1dB Compression vs. TEMPERATURE**
- Current = 65mA

**OUTPUT POWER at 1dB Compression vs. CURRENT**
- Temperature = +25°C

**Noise Figure vs. TEMPERATURE**
- Current = 65mA

**Noise Figure vs. CURRENT**
- Temperature = +25°C