Coaxial Wideband Microwave Amplifier  ZX60-24A-S+

Typical Performance Curves

**GAIN vs. FREQUENCY & TEMPERATURE**

INPUT POWER = -25.00dBm, Vd = 5.00V

**GAIN vs. FREQUENCY & DEVICE VOLTAGE**

INPUT POWER = -25.00dBm, Temperature = +25°C

**ISOLATION vs. FREQUENCY & TEMPERATURE**

INPUT POWER = -25.00dBm, Vd = 5.00V

**ISOLATION vs. FREQUENCY & DEVICE VOLTAGE**

INPUT POWER = -25.00dBm, Temperature = +25°C

**INPUT RETURN LOSS vs. FREQUENCY & TEMPERATURE**

INPUT POWER = -25.00dBm, Vd = 5.00V

**INPUT RETURN LOSS vs. FREQUENCY & DEVICE VOLTAGE**

INPUT POWER = -25.00dBm, Temperature = +25°C

**OUTPUT RETURN LOSS vs. FREQUENCY & TEMPERATURE**

INPUT POWER = -25.00dBm, Vd = 5.00V

**OUTPUT RETURN LOSS vs. FREQUENCY & DEVICE VOLTAGE**

INPUT POWER = -25.00dBm, Temperature = +25°C
Coaxial
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Typical Performance Curves

**OUTPUT IP3 vs. FREQUENCY & TEMPERATURE**
OUTPUT POWER = 8.00dBm, Vd = 5.00V

**OUTPUT IP3 vs. FREQUENCY & DEVICE VOLTAGE**
OUTPUT POWER = 8.00dBm, Temperature = +25°C

**P1dB vs. FREQUENCY & TEMPERATURE**
Vd = 5.00V

**P1dB vs. FREQUENCY & DEVICE VOLTAGE**
Temperature = +25°C

**NOISE FIGURE vs. FREQUENCY & TEMPERATURE**
Vd = 5.00V

**NOISE FIGURE vs. FREQUENCY & DEVICE VOLTAGE**
Temperature = +25°C

**GAIN VARIATION vs. FREQUENCY & TEMPERATURE**
INPUT POWER = -25.00dBm, Vd = 5.00V