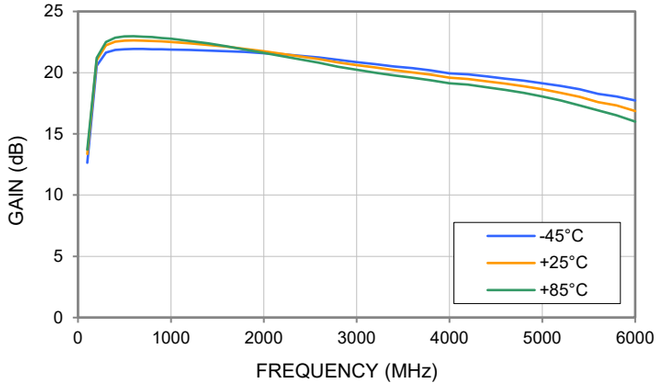
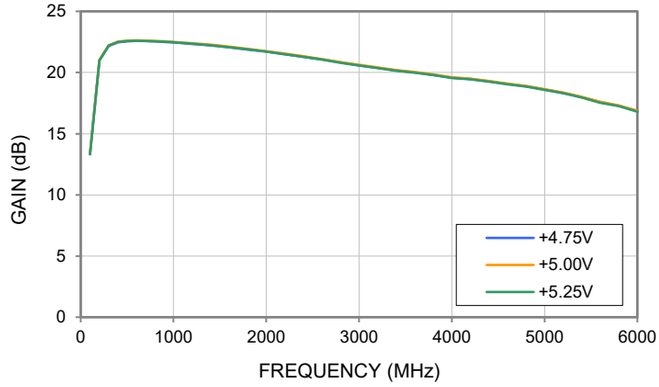
Typical Performance Curves

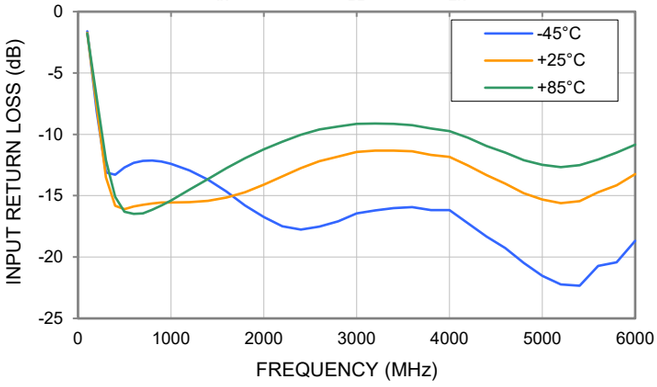
GAIN vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = +5V



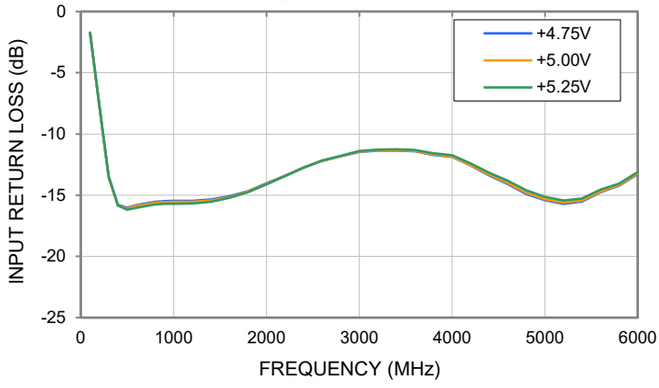
GAIN vs. DEVICE VOLTAGE
P_{IN} = -25dBm, V_{EN} = +5V, TEMPERATURE = +25°C



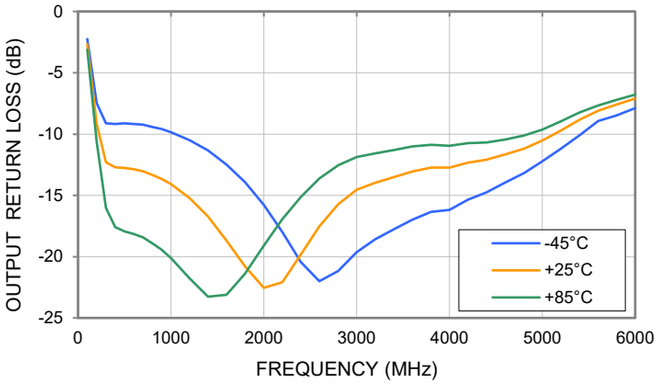
INPUT RETURN LOSS vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = +5V



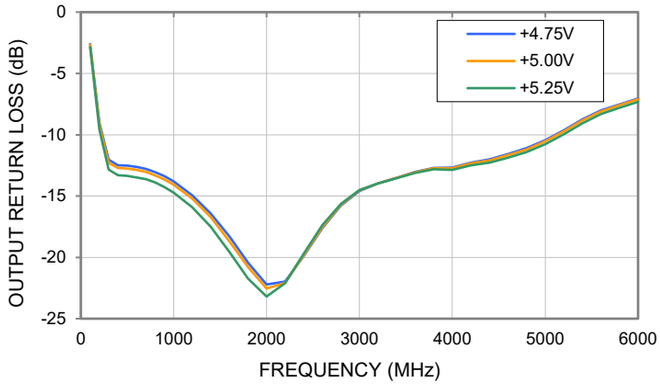
INPUT RETURN LOSS vs. DEVICE VOLTAGE
P_{IN} = -25dBm, V_{EN} = +5V, TEMPERATURE = +25°C



OUTPUT RETURN LOSS vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = +5V

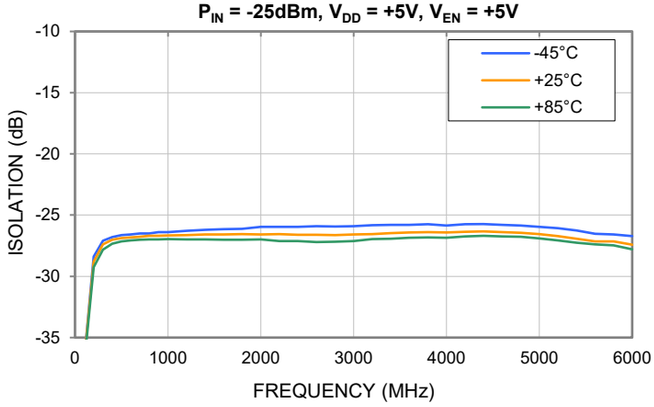


OUTPUT RETURN LOSS vs. DEVICE VOLTAGE
P_{IN} = -25dBm, V_{EN} = +5V, TEMPERATURE = +25°C

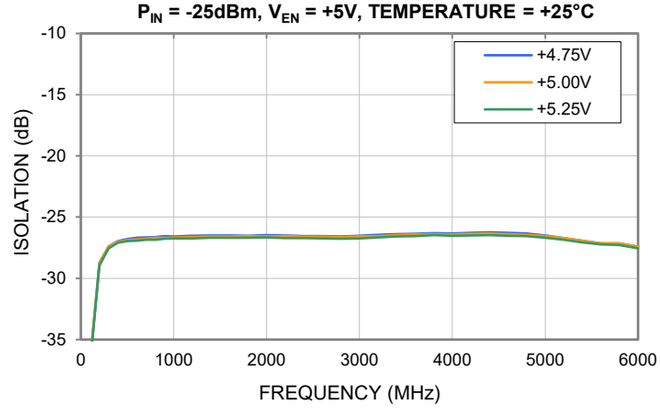


Typical Performance Curves

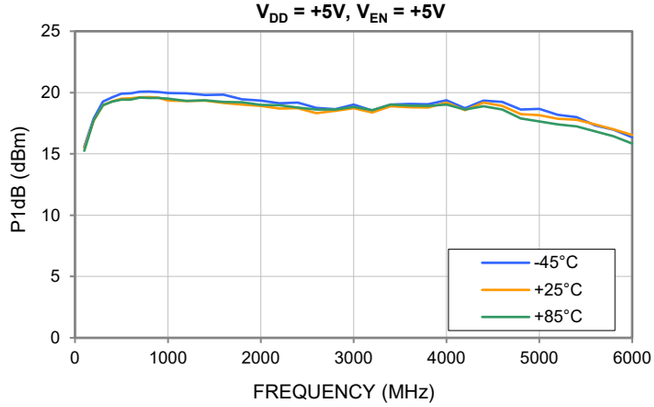
ISOLATION vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = +5V



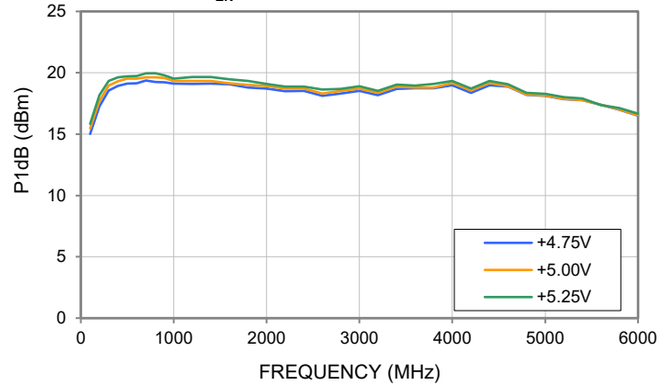
ISOLATION vs. DEVICE VOLTAGE
P_{IN} = -25dBm, V_{EN} = +5V, TEMPERATURE = +25°C



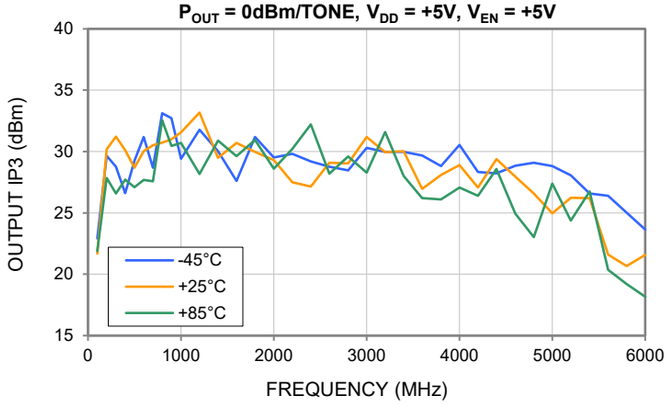
P1dB vs. TEMPERATURE
V_{DD} = +5V, V_{EN} = +5V



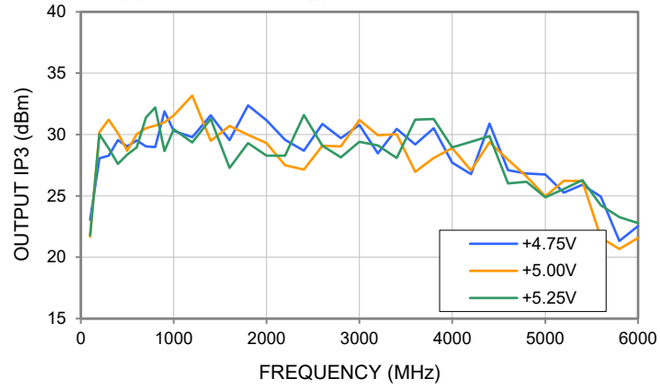
P1dB vs. DEVICE VOLTAGE
V_{EN} = +5V, TEMPERATURE = +25°C



OUTPUT IP3 vs. TEMPERATURE
P_{OUT} = 0dBm/TONE, V_{DD} = +5V, V_{EN} = +5V

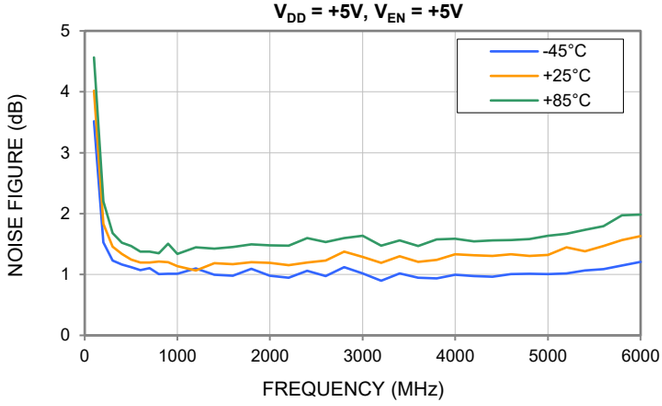


OUTPUT IP3 vs. DEVICE VOLTAGE
P_{OUT} = 0dBm/TONE, V_{EN} = +5V, TEMPERATURE = +25°C

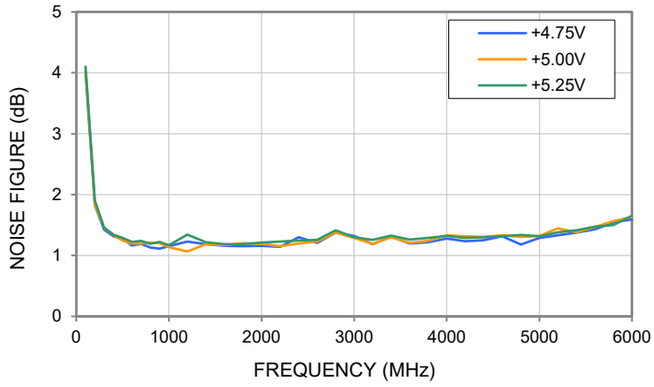


Typical Performance Curves

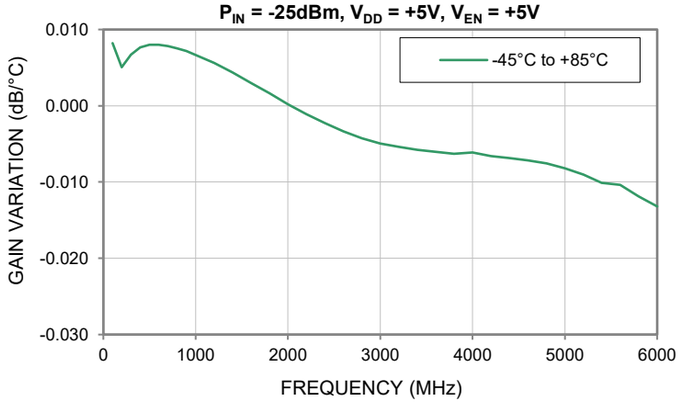
NOISE FIGURE vs. TEMPERATURE
V_{DD} = +5V, V_{EN} = +5V



NOISE FIGURE vs. DEVICE VOLTAGE
V_{EN} = +5V, TEMPERATURE = +25°C

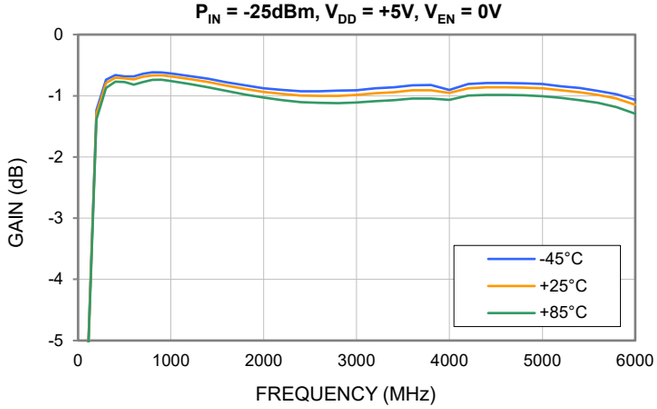


GAIN VARIATION vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = +5V

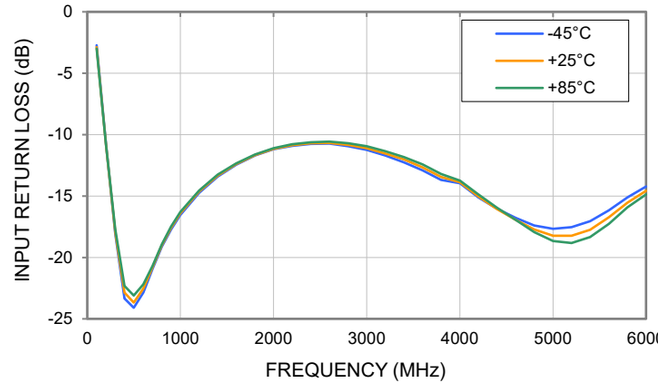


Typical Performance Curves

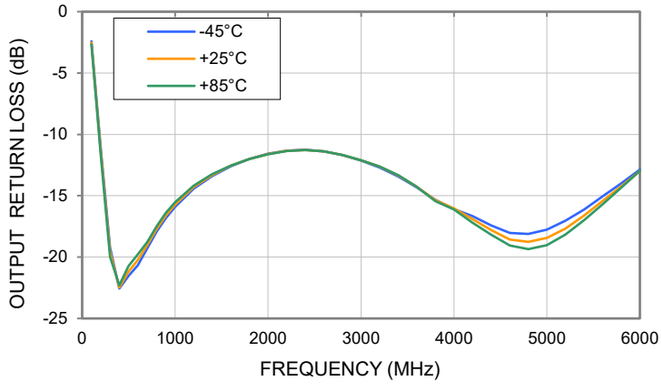
GAIN vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = 0V



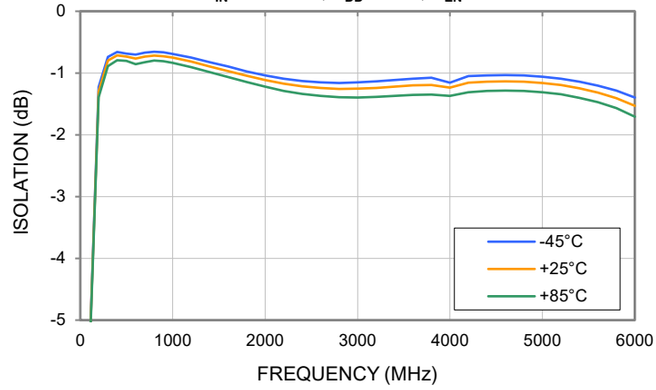
INPUT RETURN LOSS vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = 0V



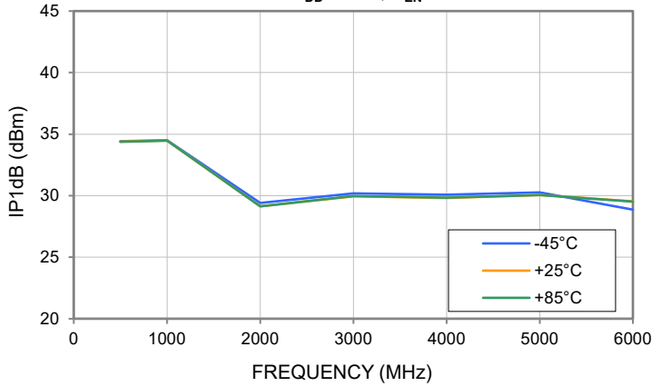
OUTPUT RETURN LOSS vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = 0V



ISOLATION vs. TEMPERATURE
P_{IN} = -25dBm, V_{DD} = +5V, V_{EN} = 0V



INPUT P1dB vs. TEMPERATURE
V_{DD} = +5V, V_{EN} = 0V



OUTPUT IP3 vs. TEMPERATURE
P_{OUT} = 0dBm/TONE, V_{DD} = +5V, V_{EN} = 0V