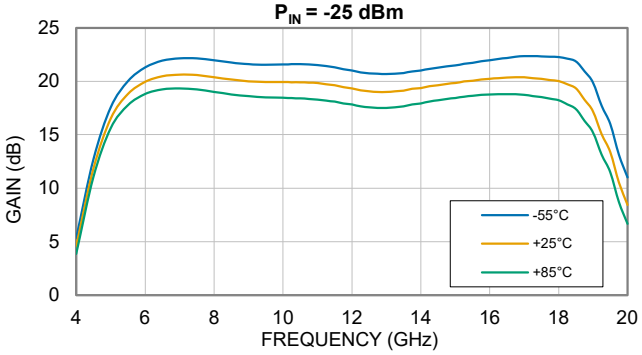
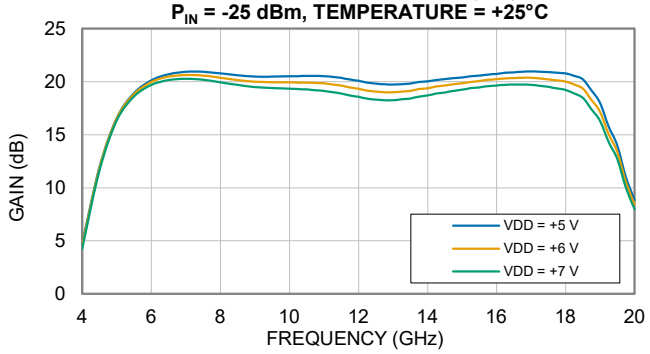
Typical Performance Curves

Note: Data over temperature was taken at V_{DD} = +6 V. For over temperature data, V_{GG} was adjusted until I_{DD} = 550 mA at all temperatures specified. For over voltage data, V_{GG} was adjusted until I_{DD} = 550 mA at all V_{DD} levels specified. For additional data over additional current levels at specified voltages, see the View Data page of the model dashboard.

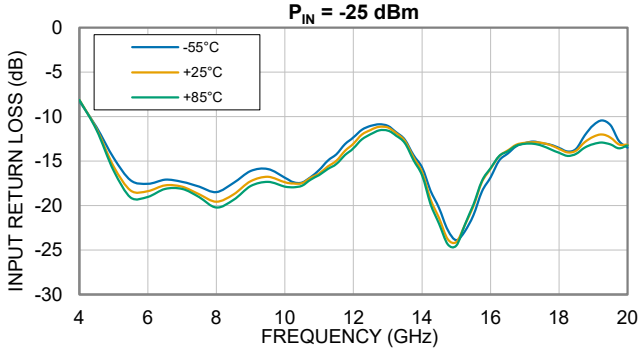
GAIN vs. TEMPERATURE
P_{IN} = -25 dBm



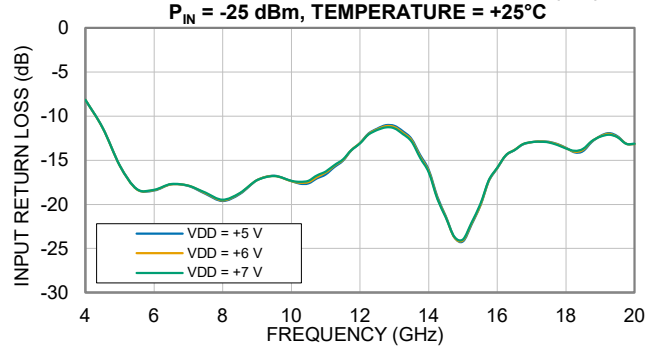
GAIN vs. DEVICE VOLTAGE (V_{DD})
P_{IN} = -25 dBm, TEMPERATURE = +25°C



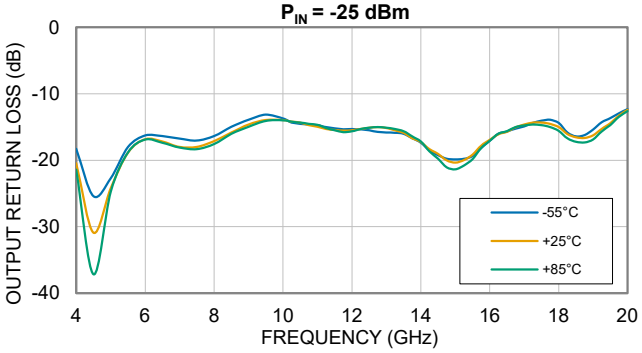
INPUT RETURN LOSS vs. TEMPERATURE
P_{IN} = -25 dBm



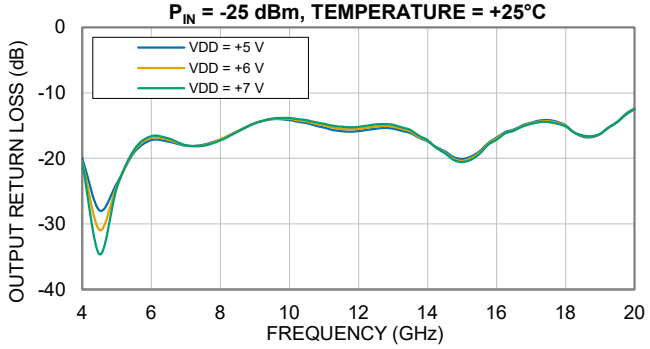
INPUT RETURN LOSS vs. DEVICE VOLTAGE (V_{DD})
P_{IN} = -25 dBm, TEMPERATURE = +25°C



OUTPUT RETURN LOSS vs. TEMPERATURE
P_{IN} = -25 dBm



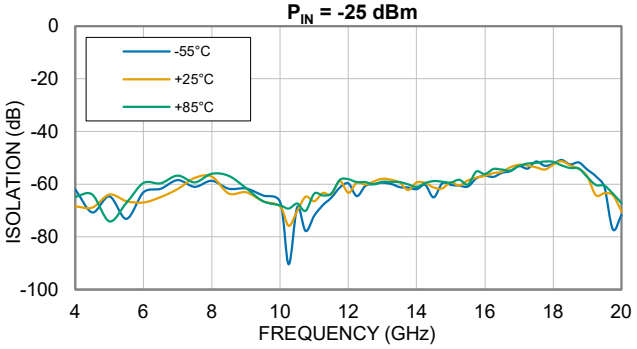
OUTPUT RETURN LOSS vs. DEVICE VOLTAGE (V_{DD})
P_{IN} = -25 dBm, TEMPERATURE = +25°C



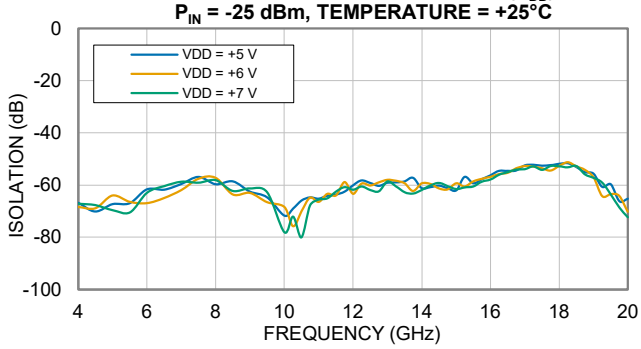
Typical Performance Curves

Note: Data over temperature was taken at V_{DD} = +6 V. For over temperature data, V_{GG} was adjusted until I_{DD} = 550 mA at all temperatures specified. For over voltage data, V_{GG} was adjusted until I_{DD} = 550 mA at all V_{DD} levels specified. For additional data over additional current levels at specified voltages, see the View Data page of the model dashboard.

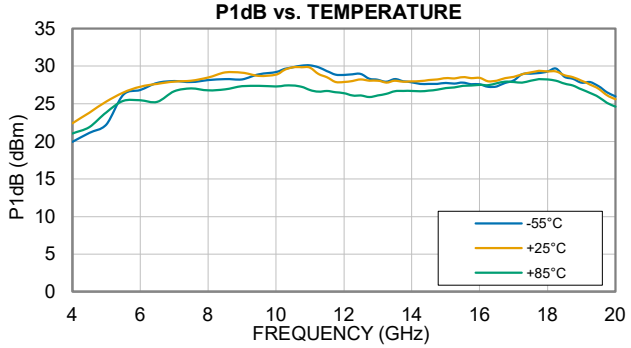
ISOLATION vs. TEMPERATURE
P_{IN} = -25 dBm



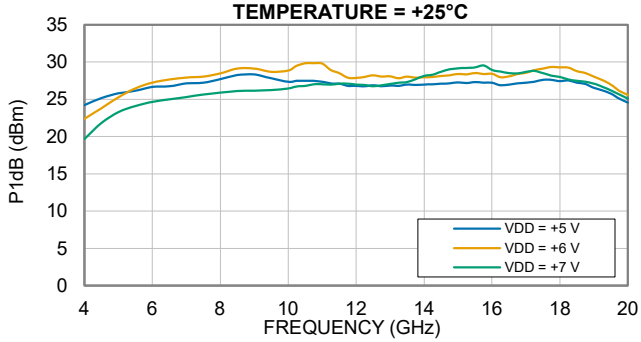
ISOLATION vs. DEVICE VOLTAGE (V_{DD})
P_{IN} = -25 dBm, TEMPERATURE = +25°C



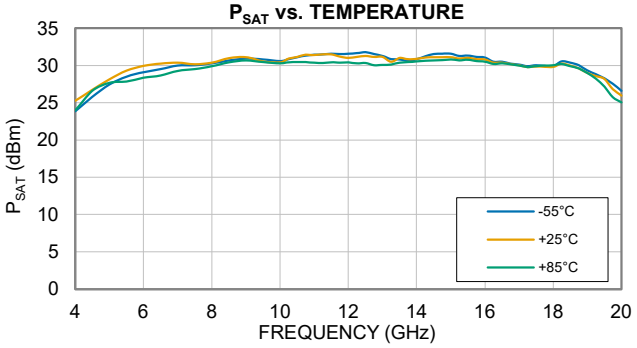
P1dB vs. TEMPERATURE



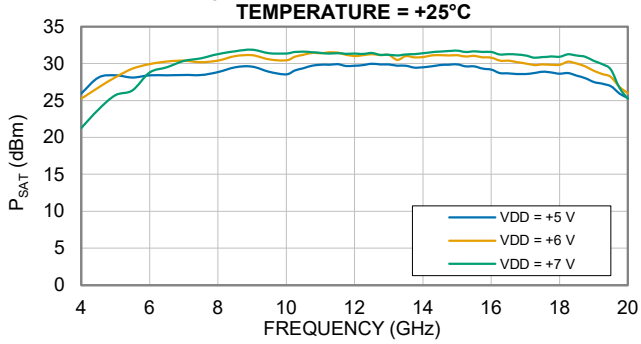
P1dB vs. DEVICE VOLTAGE (V_{DD})
TEMPERATURE = +25°C



P_{SAT} vs. TEMPERATURE



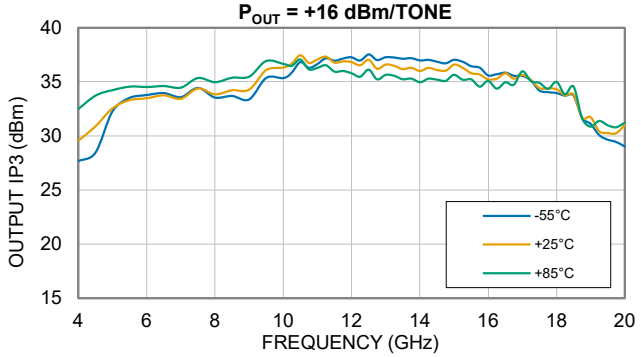
P_{SAT} vs. DEVICE VOLTAGE (V_{DD})
TEMPERATURE = +25°C



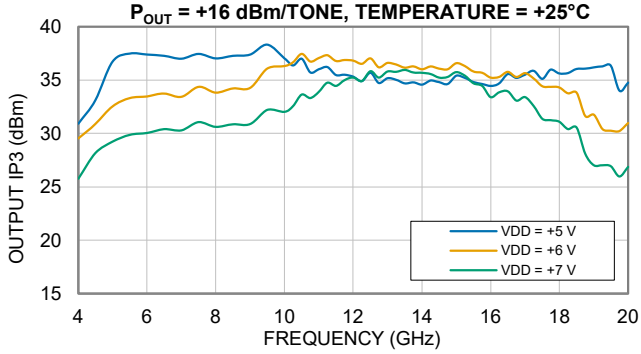
Typical Performance Curves

Note: Data over temperature was taken at V_{DD} = +6 V. For over temperature data, V_{GG} was adjusted until I_{DD} = 550 mA at all temperatures specified. For over voltage data, V_{GG} was adjusted until I_{DD} = 550 mA at all V_{DD} levels specified. For additional data over additional current levels at specified voltages, see the View Data page of the model dashboard.

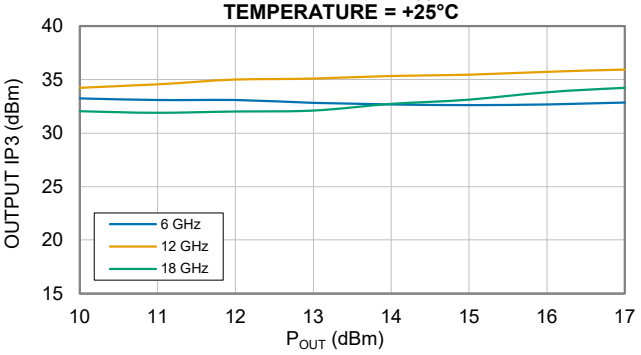
OUTPUT IP3 vs. TEMPERATURE
P_{OUT} = +16 dBm/TONE



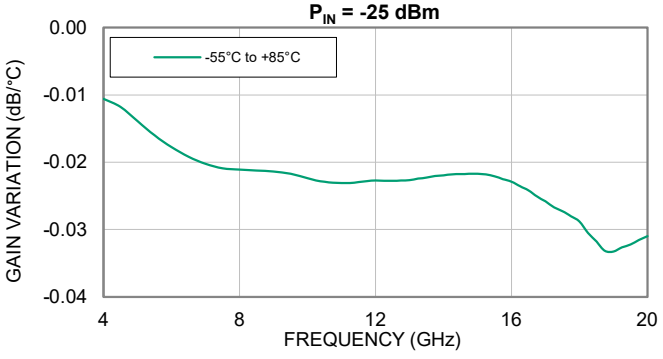
OUTPUT IP3 vs. DEVICE VOLTAGE (V_{DD})
P_{OUT} = +16 dBm/TONE, TEMPERATURE = +25°C



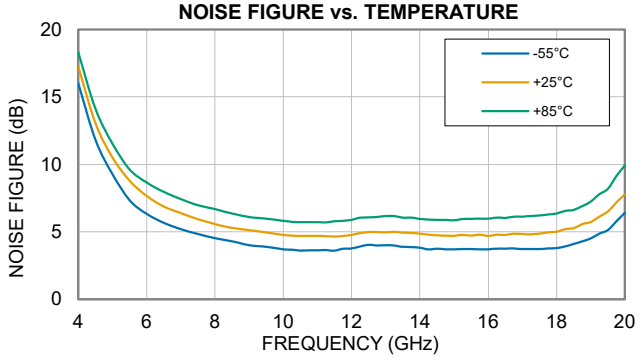
OUTPUT IP3 vs. P_{OUT}
TEMPERATURE = +25°C



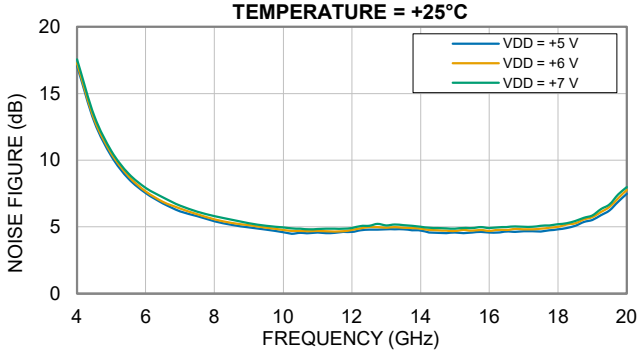
GAIN VARIATION vs. TEMPERATURE
P_{IN} = -25 dBm

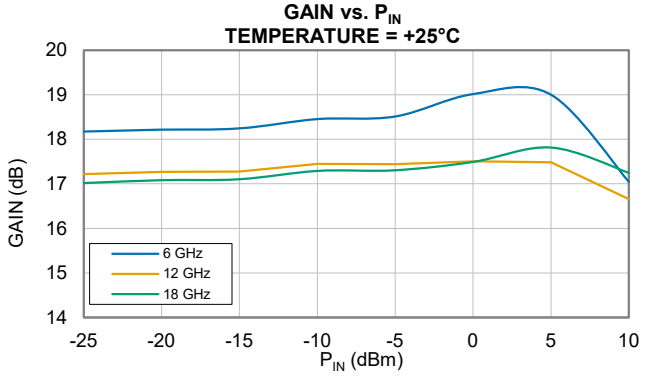
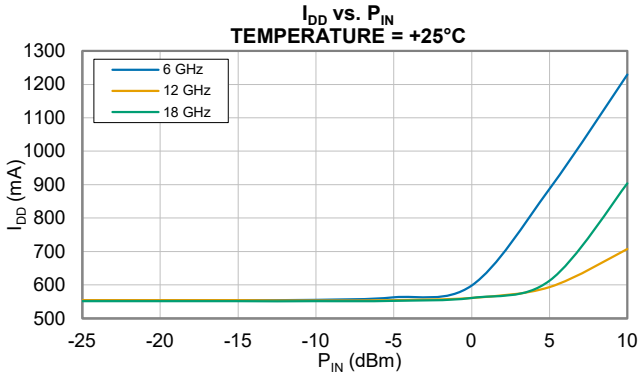
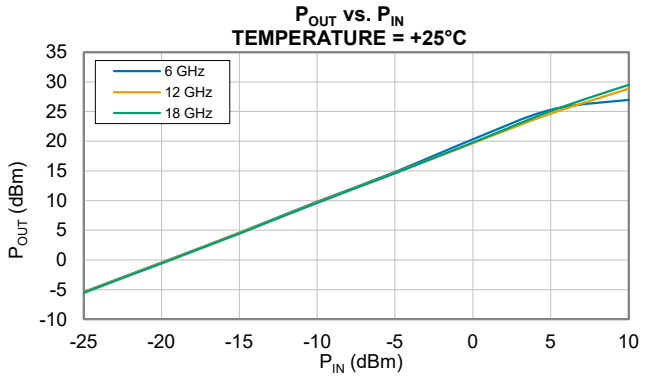


NOISE FIGURE vs. TEMPERATURE



NOISE FIGURE vs. DEVICE VOLTAGE (V_{DD})
TEMPERATURE = +25°C



Typical Performance Curves

Note: Data over temperature was taken at V_{DD} = +6 V. For over temperature data, V_{GG} was adjusted until I_{DD} = 550 mA at all temperatures specified. For over voltage data, V_{GG} was adjusted until I_{DD} = 550 mA at all V_{DD} levels specified. For additional data over additional current levels at specified voltages, see the View Data page of the model dashboard.