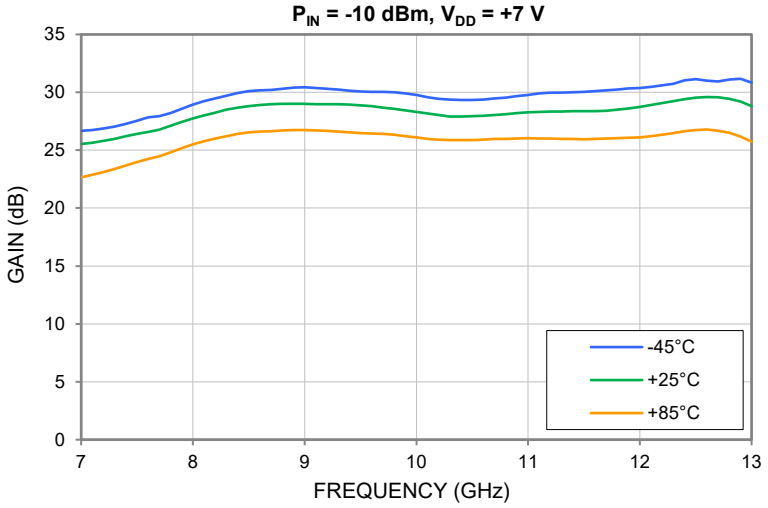
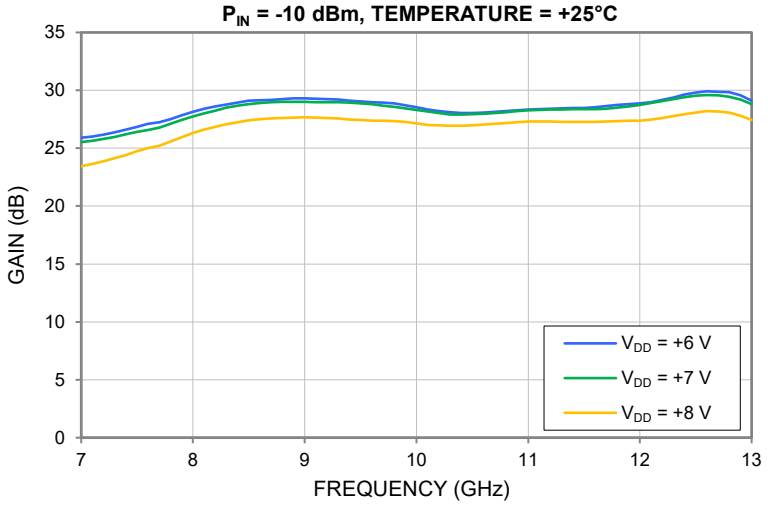
Typical Performance Curves

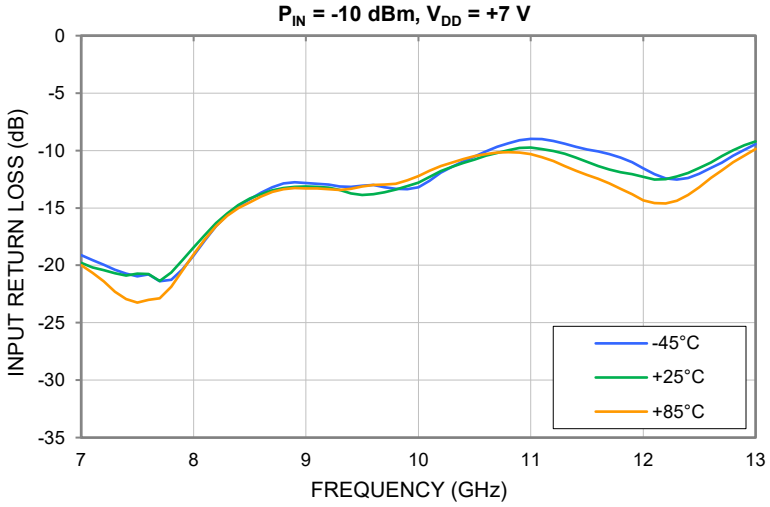
GAIN vs. TEMPERATURE
P_{IN} = -10 dBm, V_{DD} = +7 V



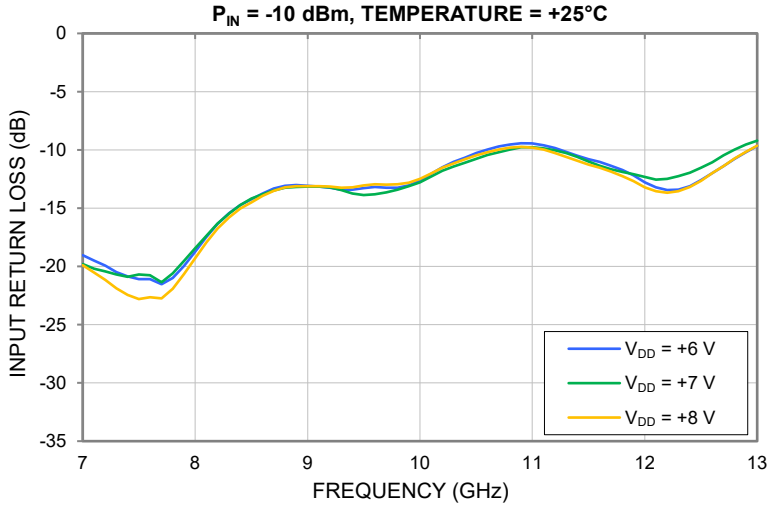
GAIN vs. DEVICE VOLTAGE
P_{IN} = -10 dBm, TEMPERATURE = +25°C



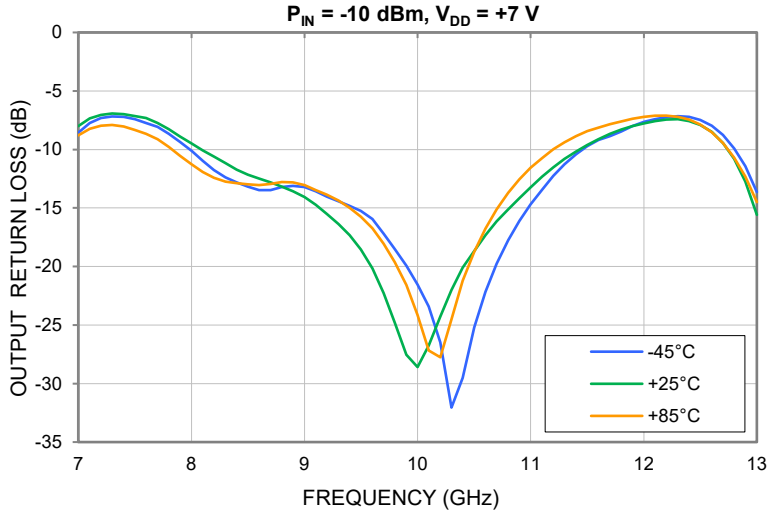
INPUT RETURN LOSS vs.TEMPERATURE
P_{IN} = -10 dBm, V_{DD} = +7 V



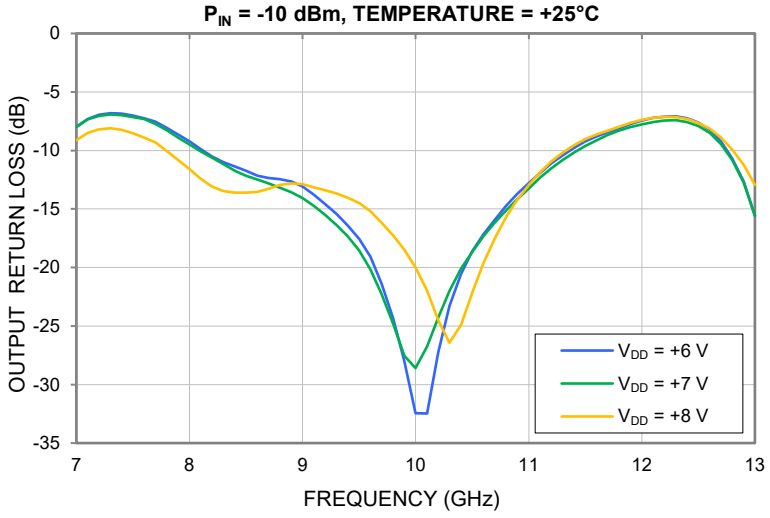
INPUT RETURN LOSS vs. DEVICE VOLTAGE
P_{IN} = -10 dBm, TEMPERATURE = +25°C



OUTPUT RETURN LOSS vs. TEMPERATURE
P_{IN} = -10 dBm, V_{DD} = +7 V

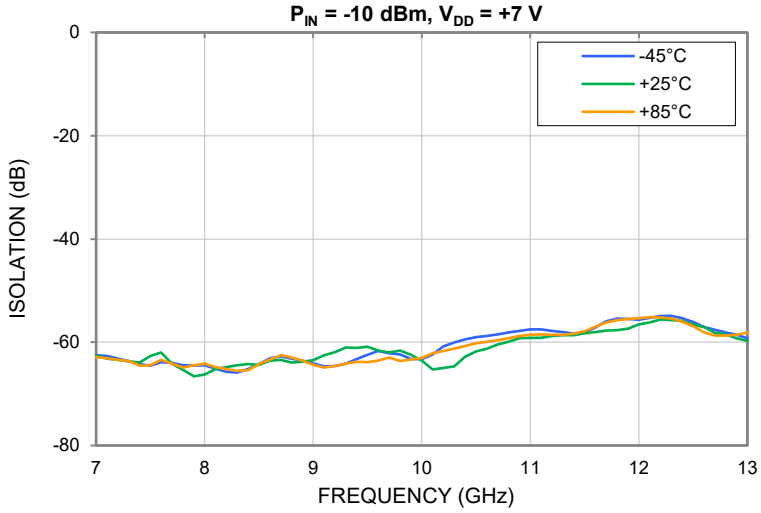


OUTPUT RETURN LOSS vs. DEVICE VOLTAGE
P_{IN} = -10 dBm, TEMPERATURE = +25°C

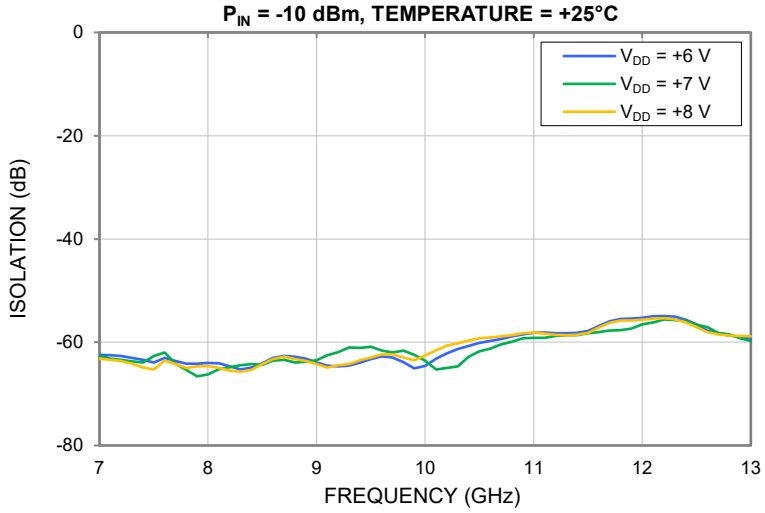


Typical Performance Curves

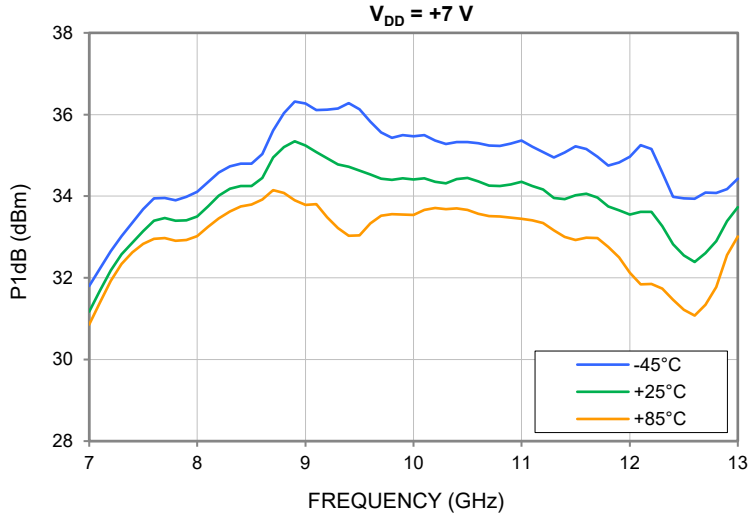
ISOLATION vs.TEMPERATURE
P_{IN} = -10 dBm, V_{DD} = +7 V



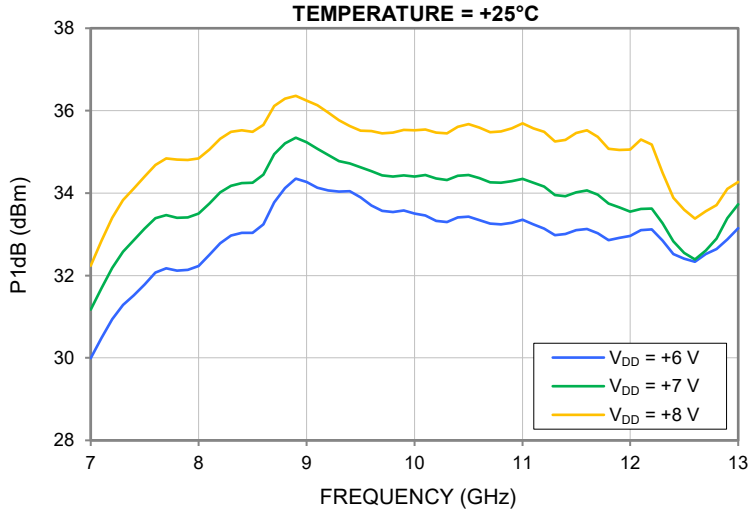
ISOLATION vs. DEVICE VOLTAGE
P_{IN} = -10 dBm, TEMPERATURE = +25°C



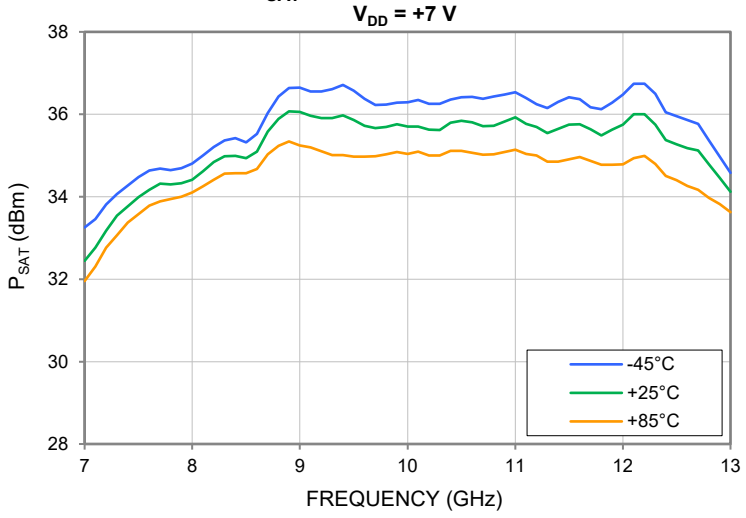
P1dB vs. TEMPERATURE
V_{DD} = +7 V



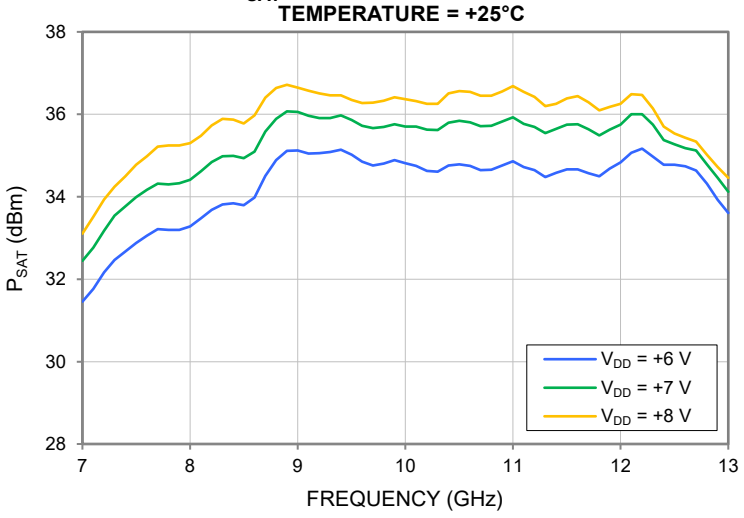
P1dB vs. DEVICE VOLTAGE
TEMPERATURE = +25°C



P_{SAT} vs. TEMPERATURE
V_{DD} = +7 V

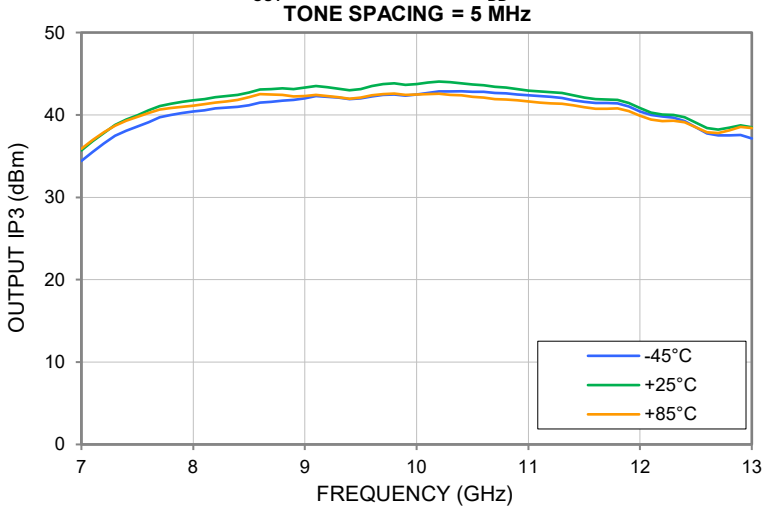


P_{SAT} vs. DEVICE VOLTAGE
TEMPERATURE = +25°C

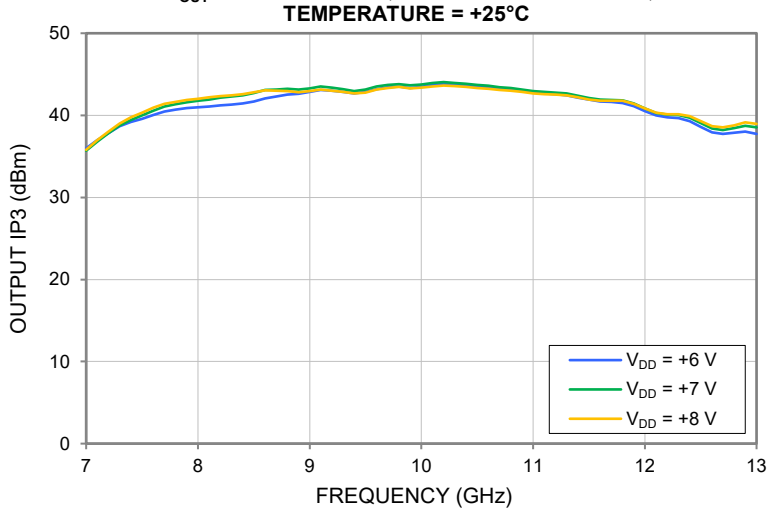


Typical Performance Curves

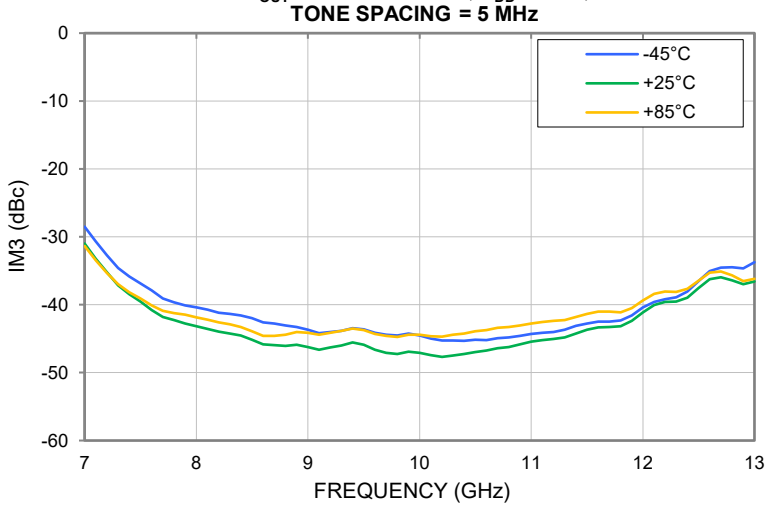
OUTPUT IP3 vs. TEMPERATURE
P_{OUT} = +20 dBm/TONE, V_{DD} = +7 V,
TONE SPACING = 5 MHz



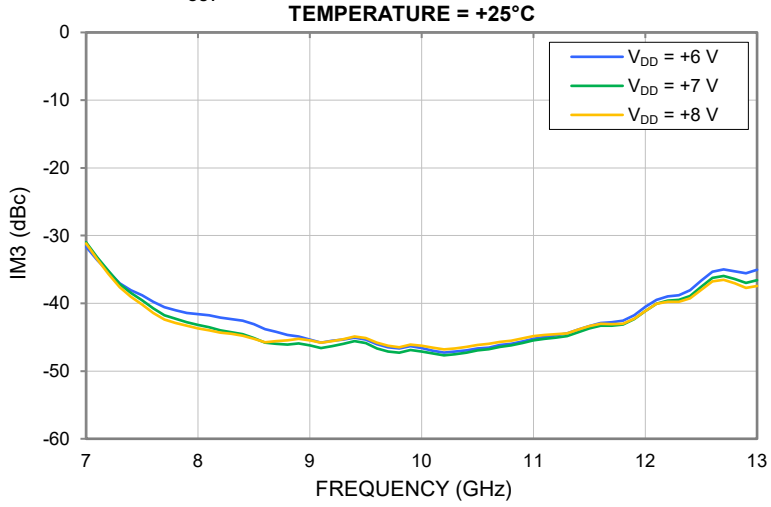
OUTPUT IP3 vs. DEVICE VOLTAGE
P_{OUT} = +20 dBm/TONE, TONE SPACING = 5 MHz,
TEMPERATURE = +25°C



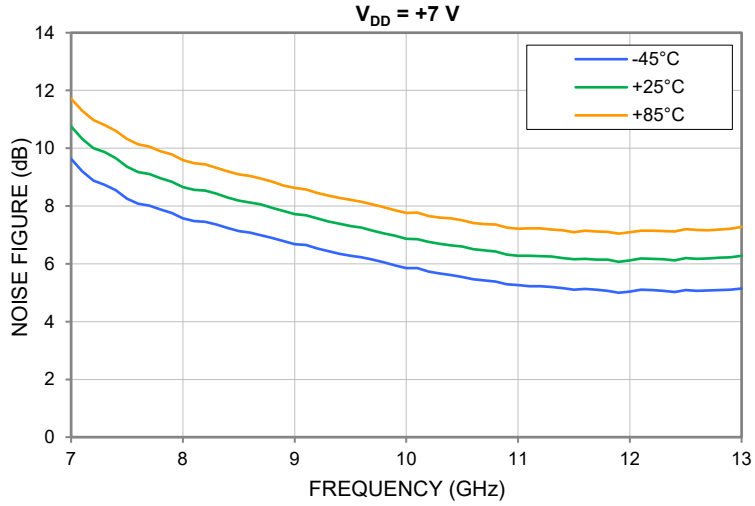
IM3 vs. TEMPERATURE
P_{OUT} = +20 dBm/TONE, V_{DD} = +7 V,
TONE SPACING = 5 MHz



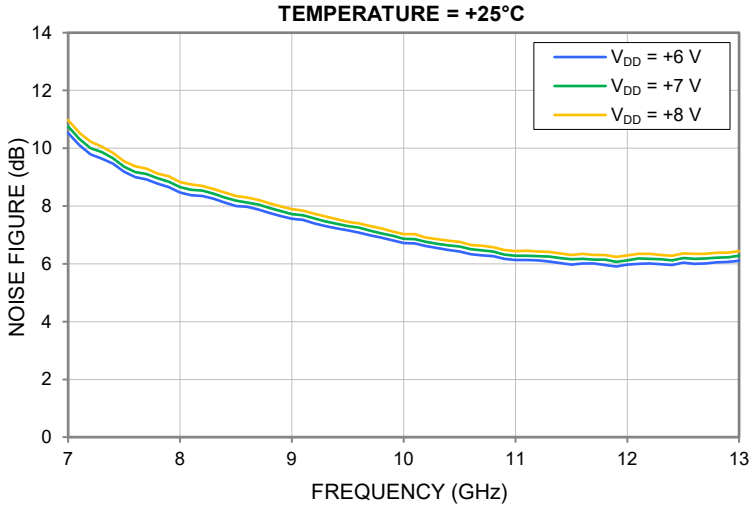
IM3 vs. DEVICE VOLTAGE
P_{OUT} = +20 dBm/TONE, TONE SPACING = 5 MHz
TEMPERATURE = +25°C



NOISE FIGURE vs. TEMPERATURE
V_{DD} = +7 V

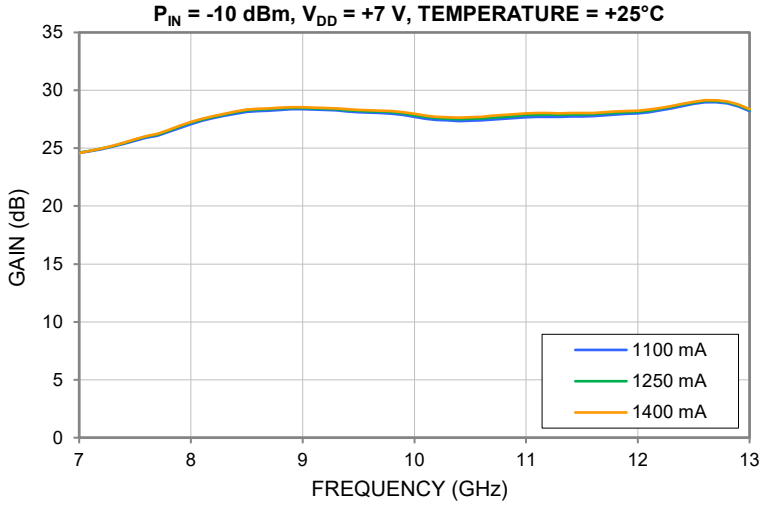


NOISE FIGURE vs. DEVICE VOLTAGE
TEMPERATURE = +25°C

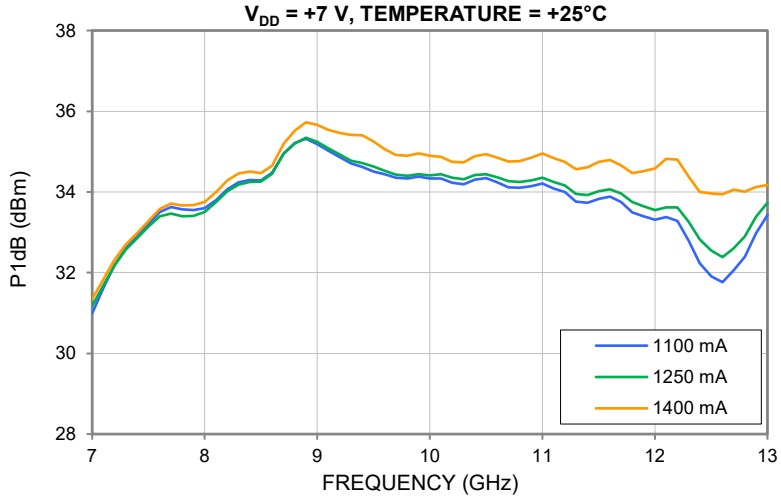


Typical Performance Curves

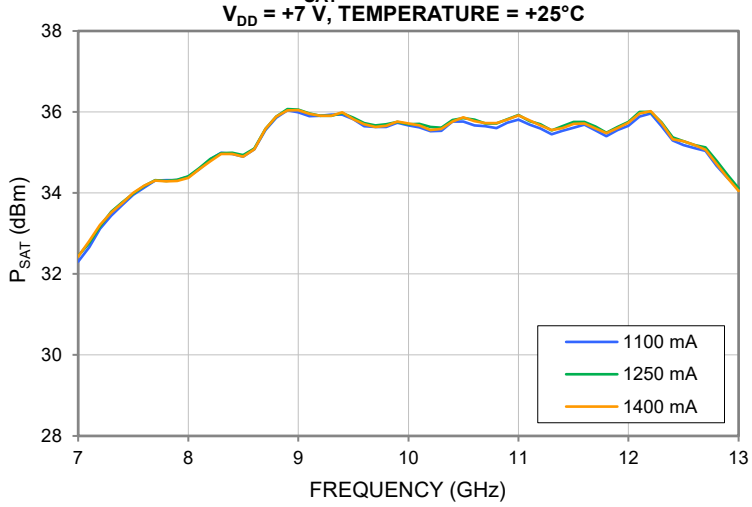
GAIN vs. CURRENT
P_{IN} = -10 dBm, V_{DD} = +7 V, TEMPERATURE = +25°C



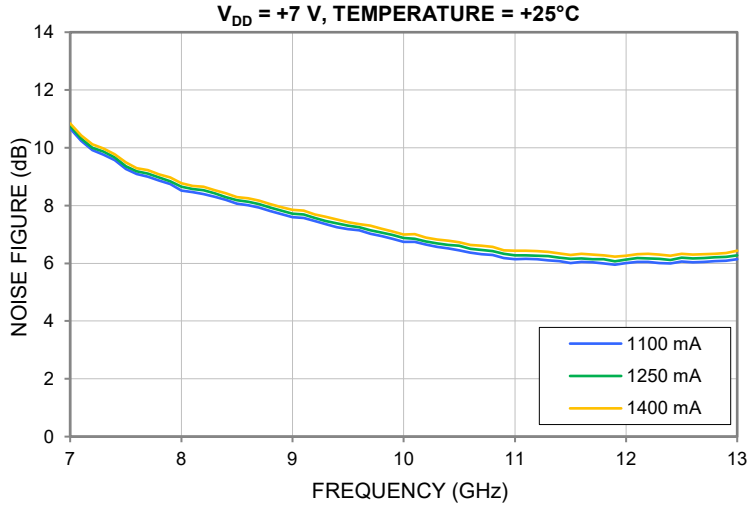
P1dB vs. CURRENT
V_{DD} = +7 V, TEMPERATURE = +25°C



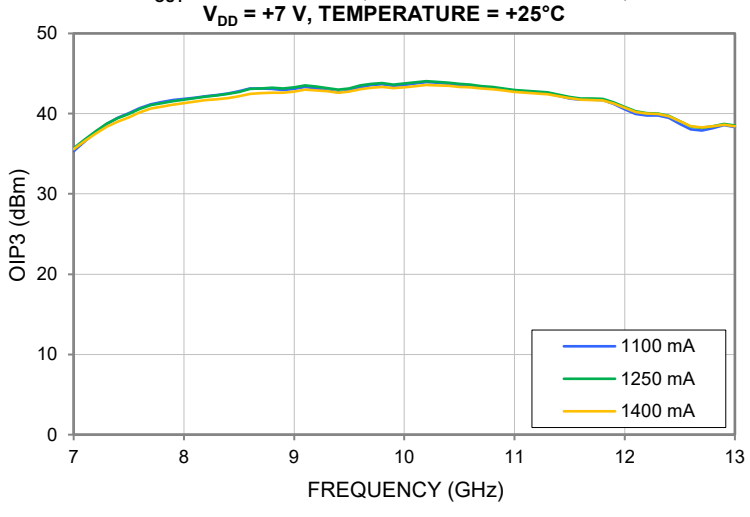
P_{SAT} vs. CURRENT
V_{DD} = +7 V, TEMPERATURE = +25°C



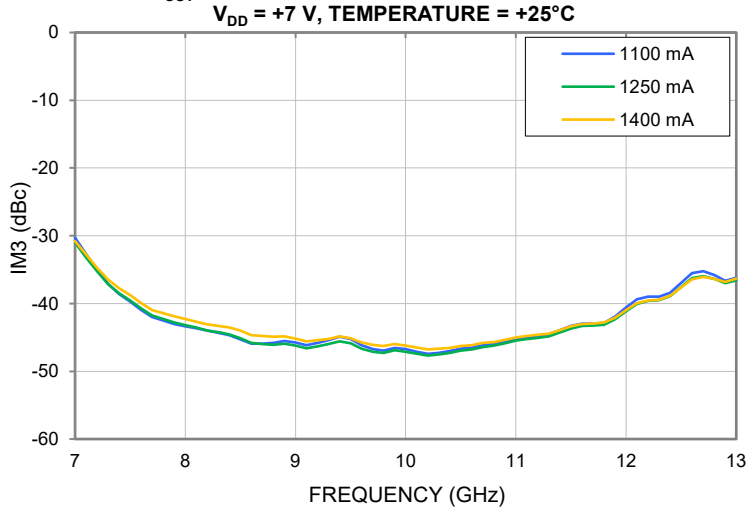
NOISE FIGURE vs. CURRENT
V_{DD} = +7 V, TEMPERATURE = +25°C



OIP3 vs. CURRENT
P_{OUT} = +20 dBm/TONE, TONE SPACING = 5 MHz,
V_{DD} = +7 V, TEMPERATURE = +25°C

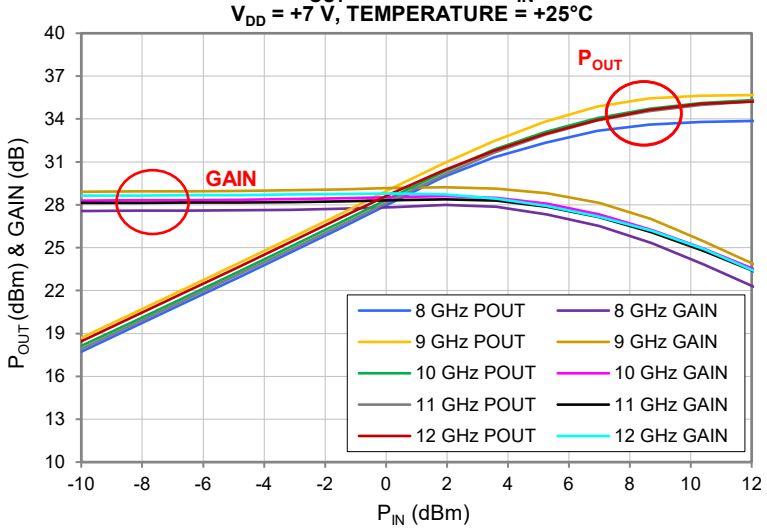


IM3 vs. CURRENT
P_{OUT} = +20 dBm/TONE, TONE SPACING = 5 MHz,
V_{DD} = +7 V, TEMPERATURE = +25°C

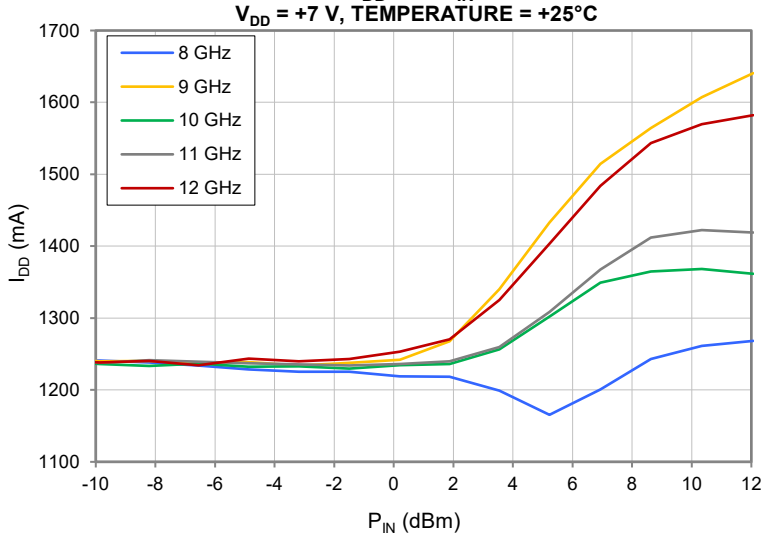


Typical Performance Curves

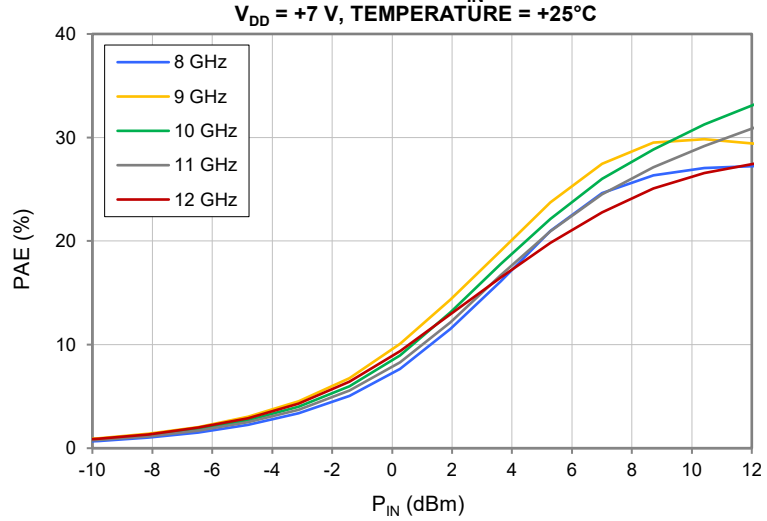
P_{OUT} & GAIN vs. P_{IN}
V_{DD} = +7 V, TEMPERATURE = +25°C



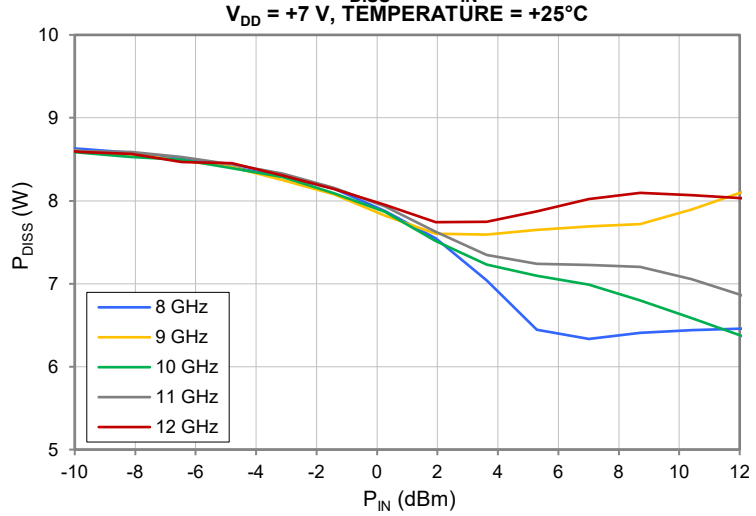
I_{DD} vs. P_{IN}
V_{DD} = +7 V, TEMPERATURE = +25°C



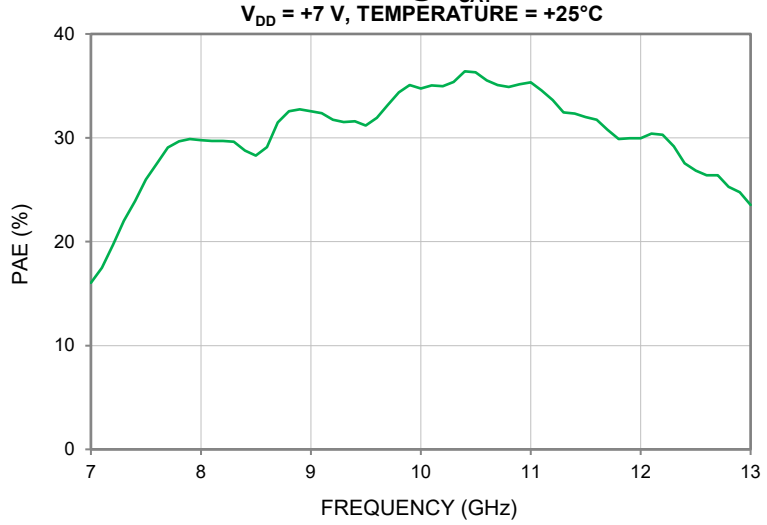
PAE vs. P_{IN}
V_{DD} = +7 V, TEMPERATURE = +25°C



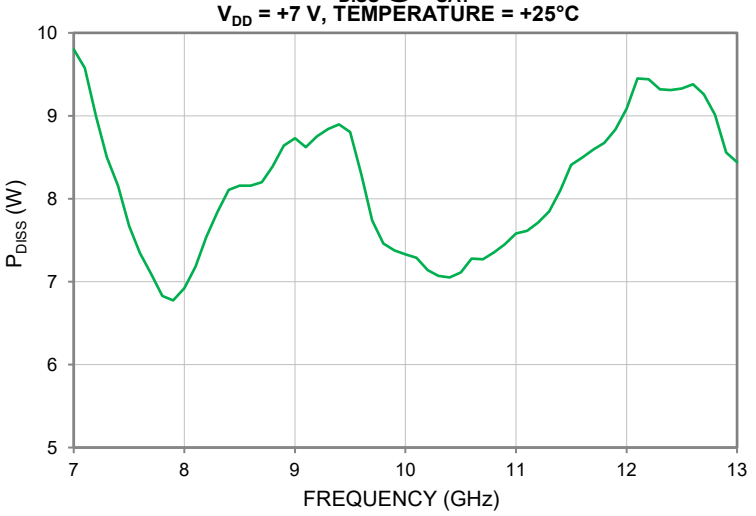
P_{DISS} vs. P_{IN}
V_{DD} = +7 V, TEMPERATURE = +25°C



PAE @ P_{SAT}
V_{DD} = +7 V, TEMPERATURE = +25°C

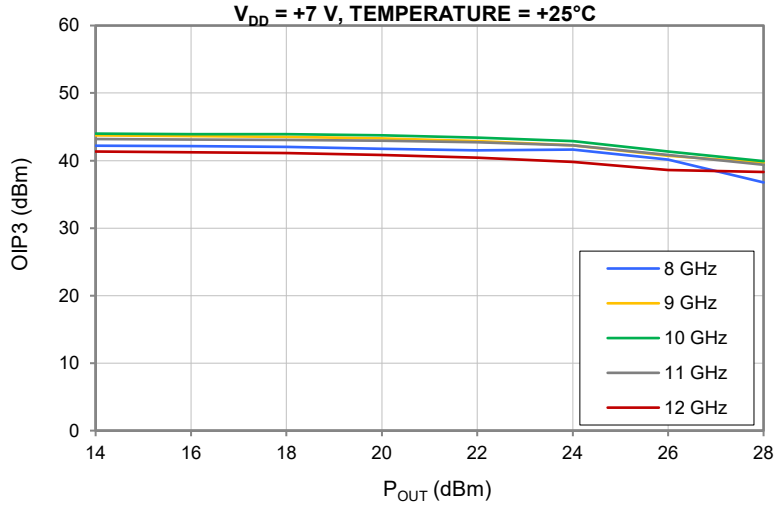


P_{DISS} @ P_{SAT}
V_{DD} = +7 V, TEMPERATURE = +25°C

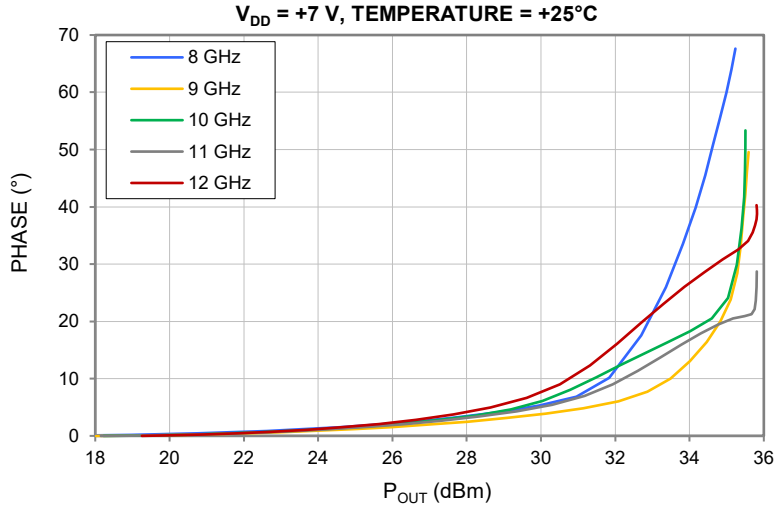


Typical Performance Curves

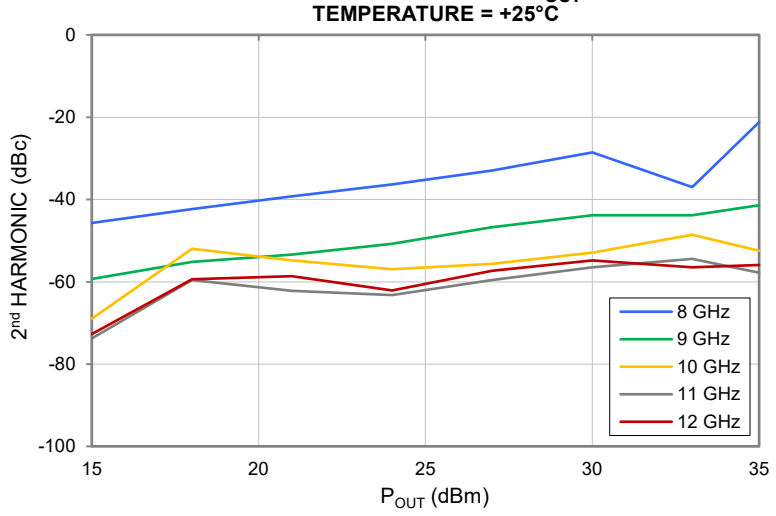
OIP3 vs. P_{OUT}/TONE
TONE SPACING = 5 MHz,
V_{DD} = +7 V, TEMPERATURE = +25°C



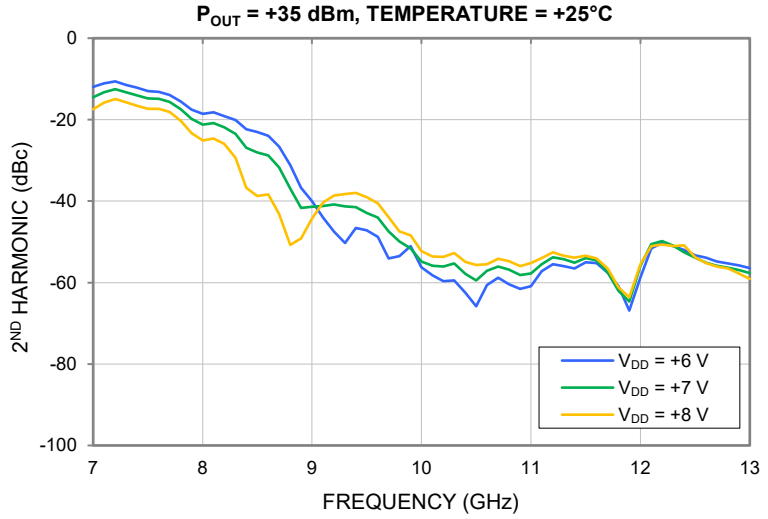
AM - PM
V_{DD} = +7 V, TEMPERATURE = +25°C



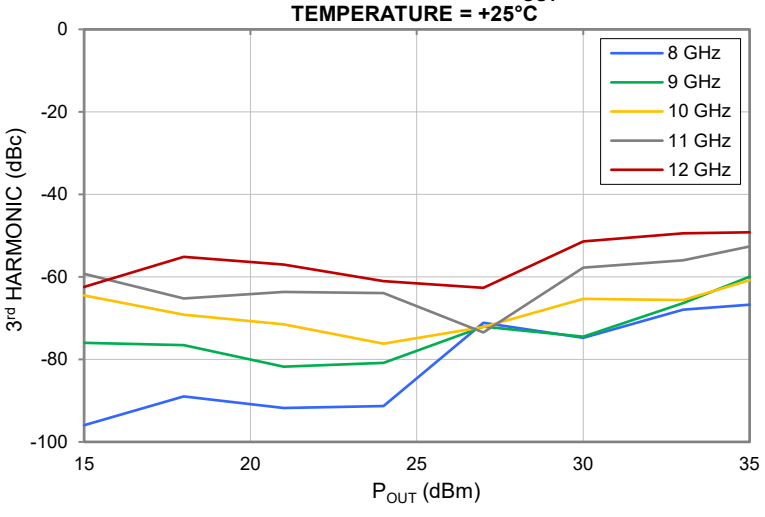
2nd HARMONIC vs. P_{OUT}
TEMPERATURE = +25°C



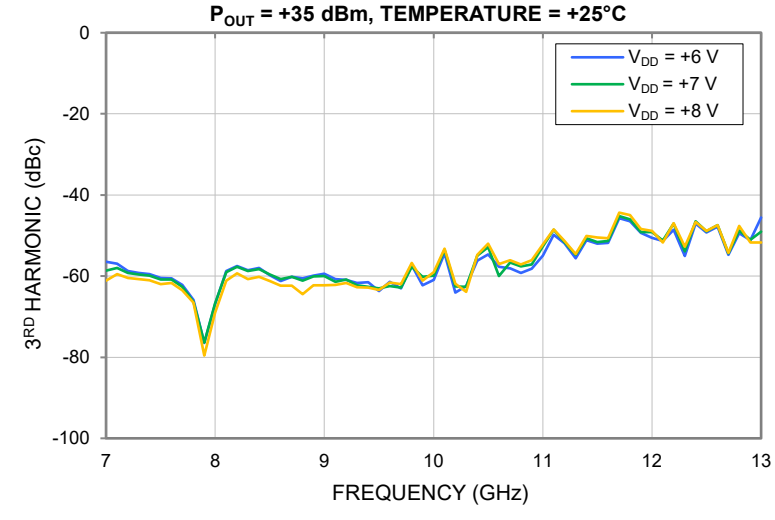
2nd HARMONIC vs. DEVICE VOLTAGE
P_{OUT} = +35 dBm, TEMPERATURE = +25°C



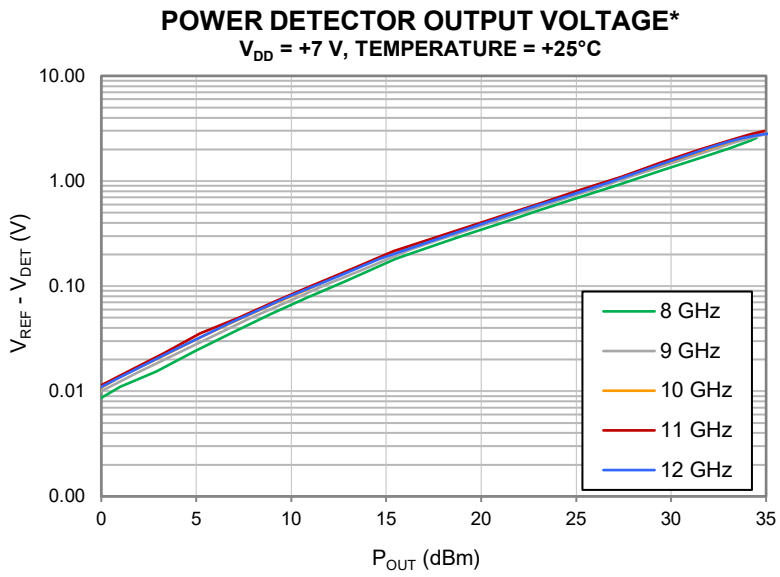
3rd HARMONIC vs. P_{OUT}
TEMPERATURE = +25°C

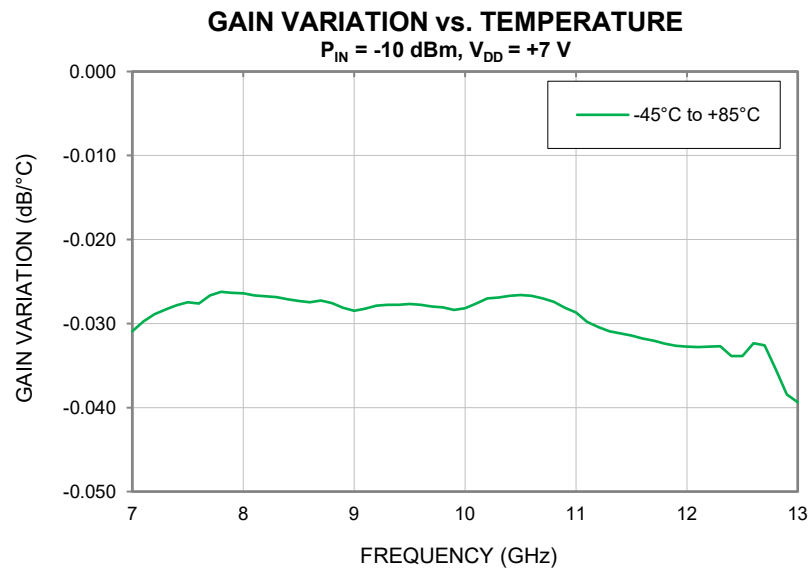


3rd HARMONIC vs. DEVICE VOLTAGE
P_{OUT} = +35 dBm, TEMPERATURE = +25°C



Typical Performance Curves





* Logarithmic scale base 10