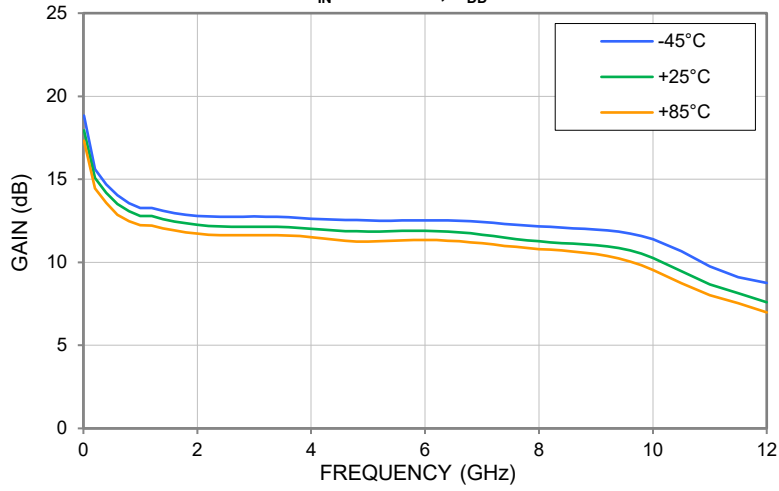
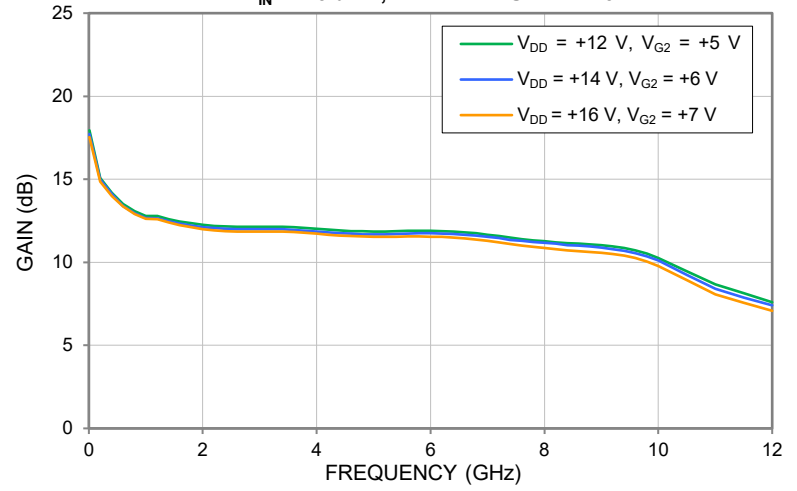


## Typical Performance Curves

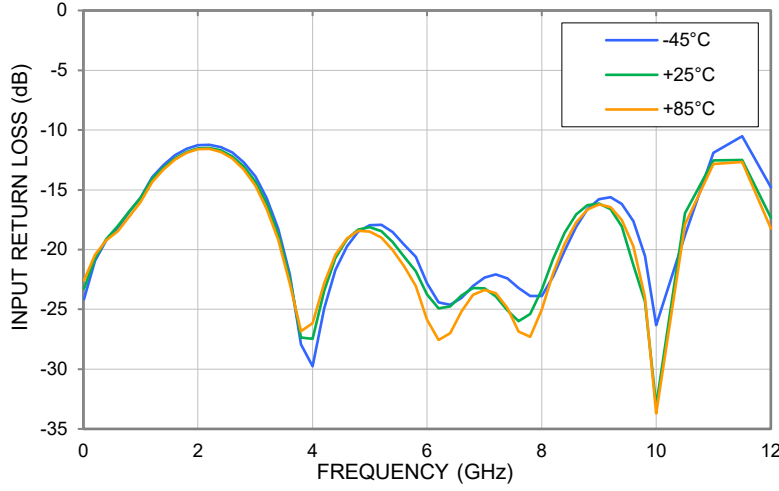
**GAIN vs. TEMPERATURE,**  
 $P_{IN} = -25 \text{ dBm}$ ,  $V_{DD} = +12 \text{ V}$



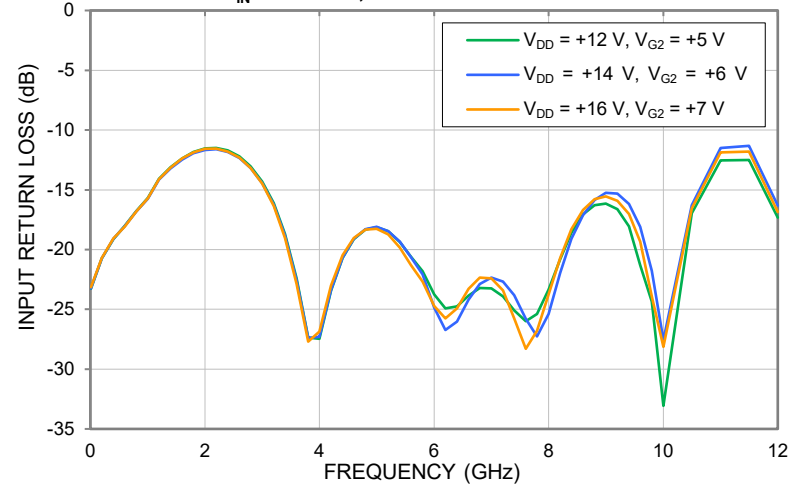
**GAIN vs. DEVICE VOLTAGE,**  
 $P_{IN} = -25 \text{ dBm}$ , TEMPERATURE = +25°C



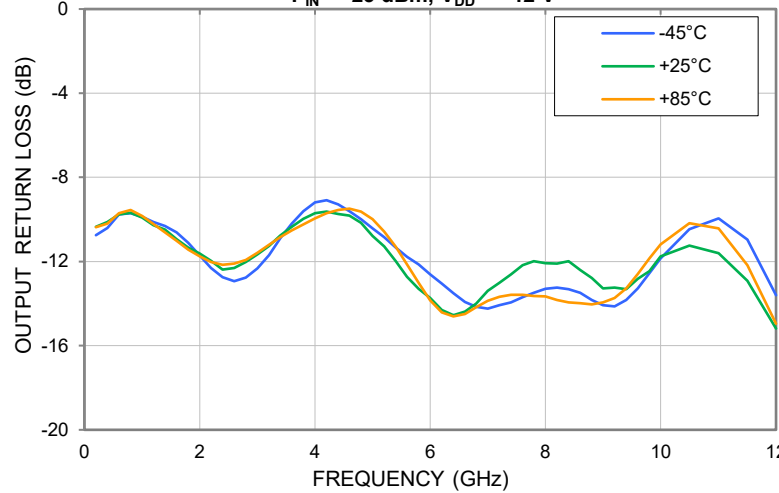
**INPUT RETURN LOSS vs. TEMPERATURE,**  
 $P_{IN} = -25 \text{ dBm}$ ,  $V_{DD} = +12 \text{ V}$



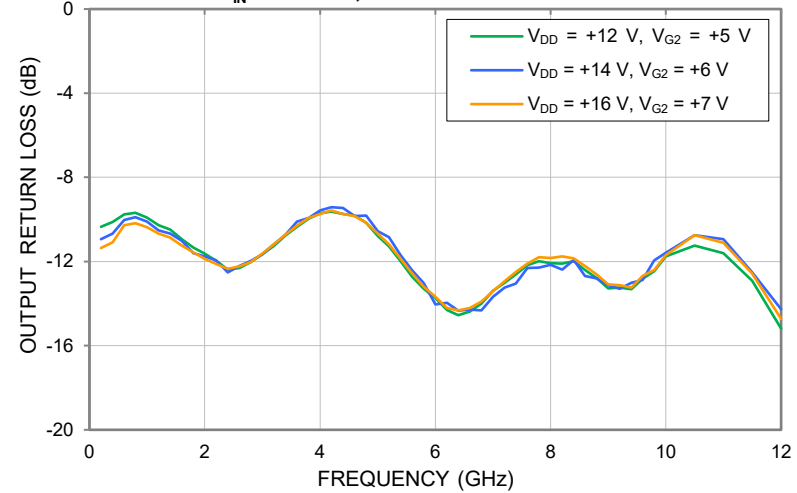
**INPUT RETURN LOSS vs. DEVICE VOLTAGE,**  
 $P_{IN} = -25 \text{ dBm}$ , TEMPERATURE = +25°C



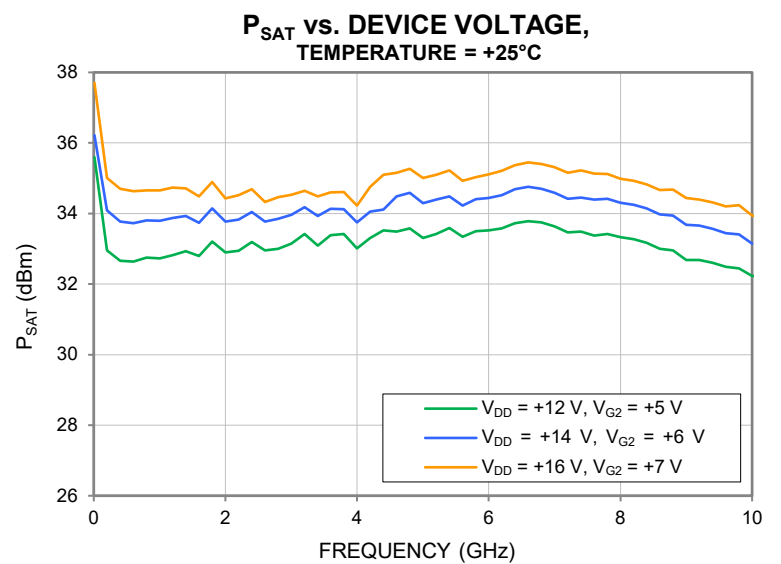
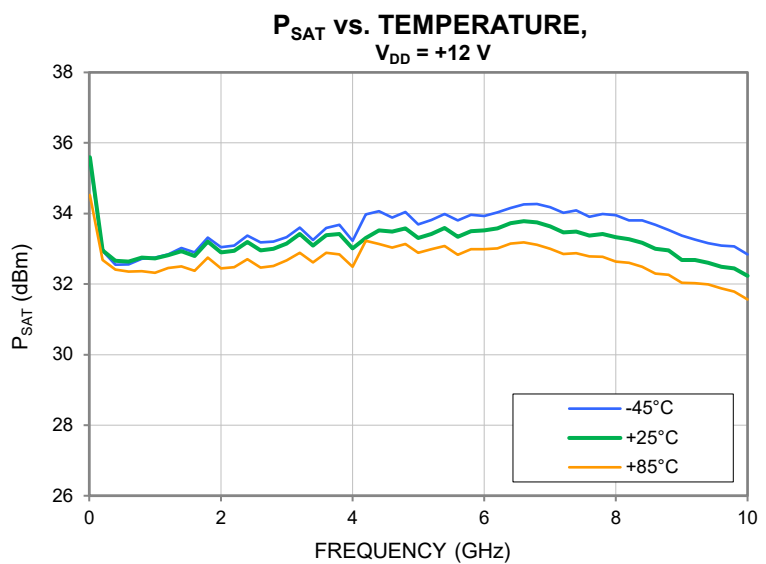
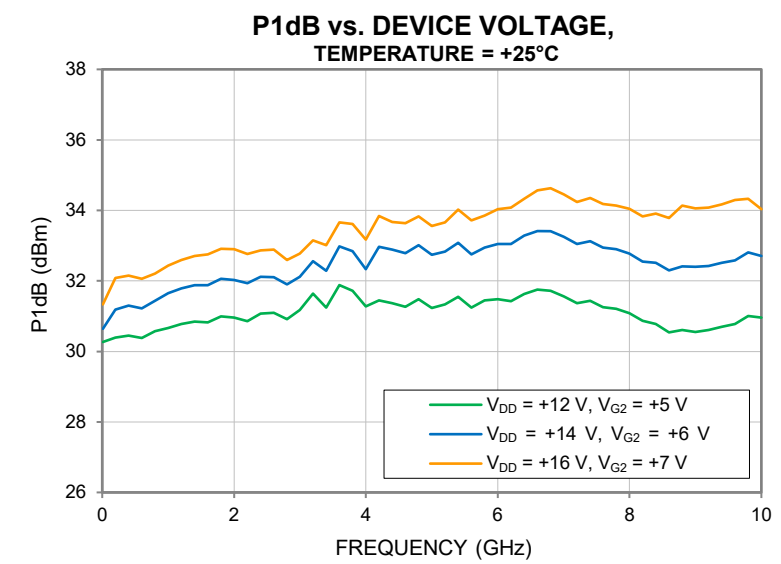
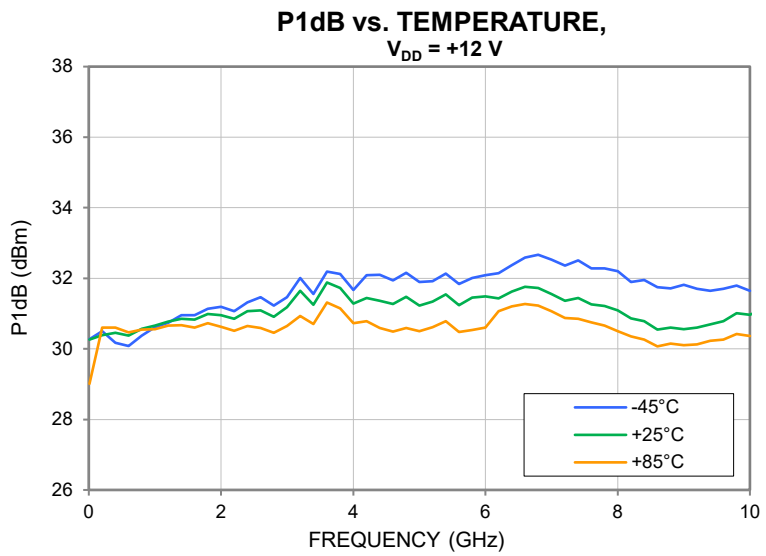
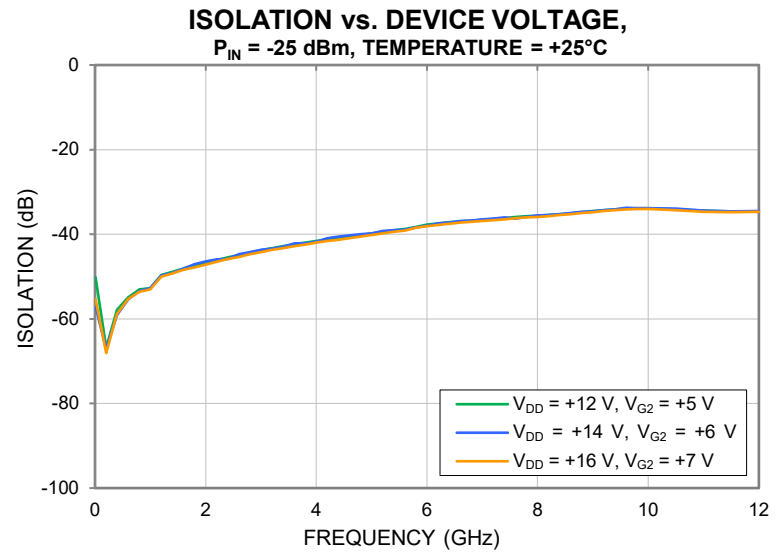
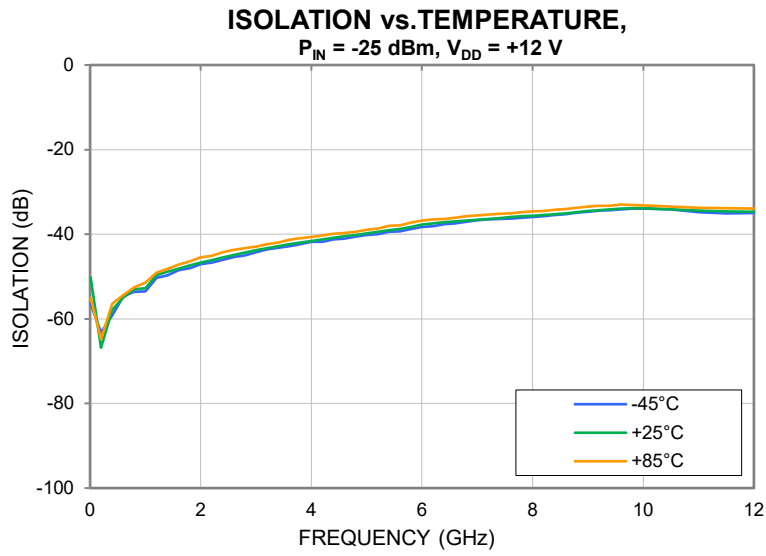
**OUTPUT RETURN LOSS vs. TEMPERATURE,**  
 $P_{IN} = -25 \text{ dBm}$ ,  $V_{DD} = +12 \text{ V}$



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

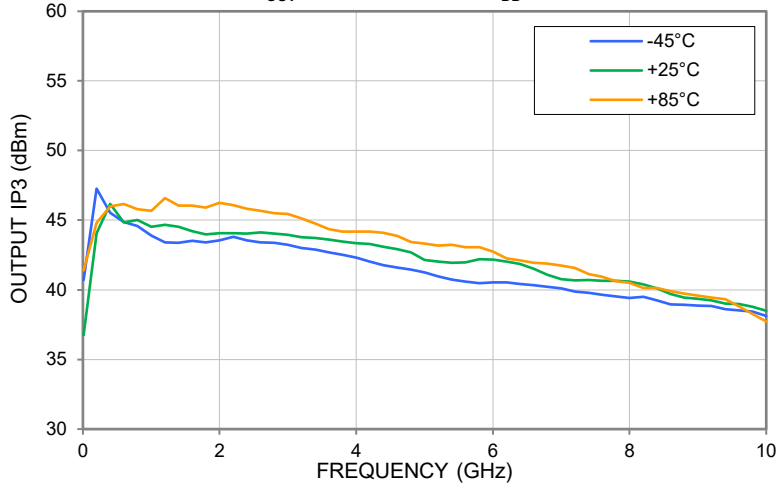


## Typical Performance Curves

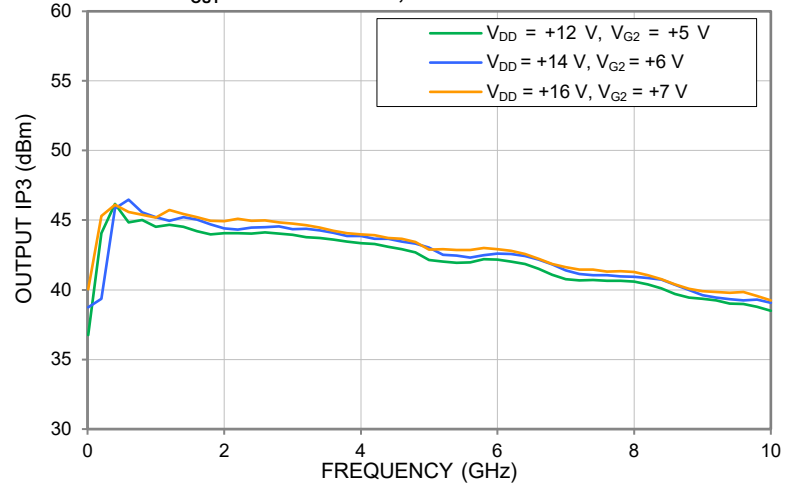


## Typical Performance Curves

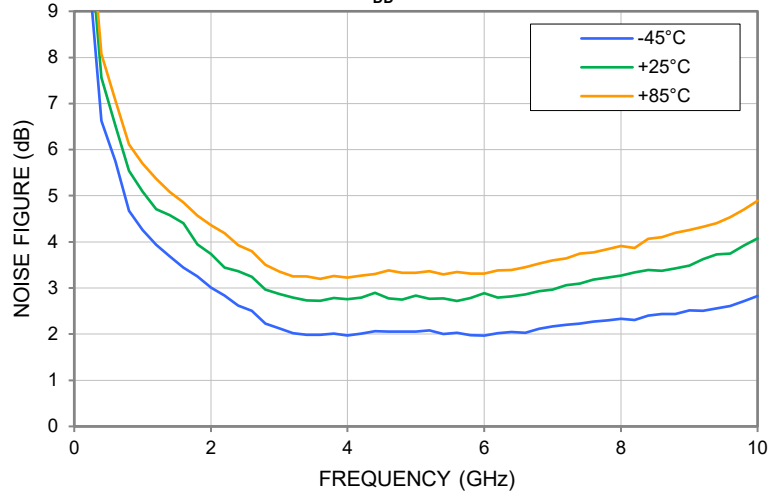
**OUTPUT IP3 vs. TEMPERATURE,**  
 $P_{OUT} = +20 \text{ dBm/TONE}$ ,  $V_{DD} = +12 \text{ V}$



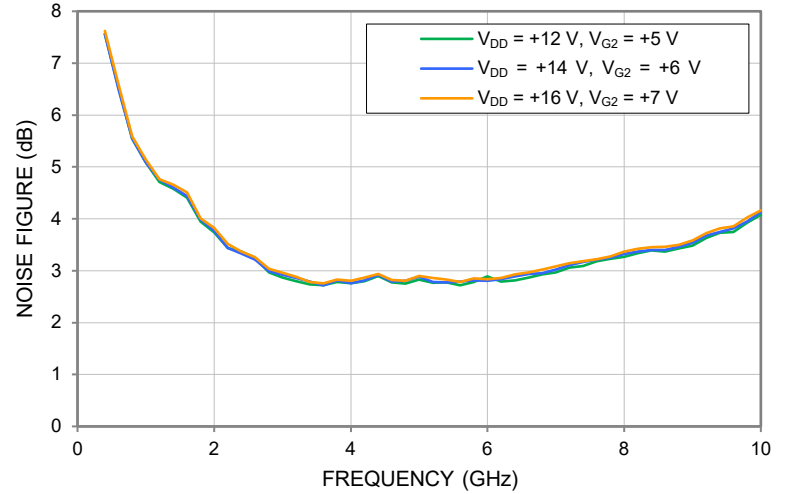
**OUTPUT IP3 vs. DEVICE VOLTAGE,**  
 $P_{OUT} = +20 \text{ dBm/TONE}$ , TEMPERATURE = +25°C



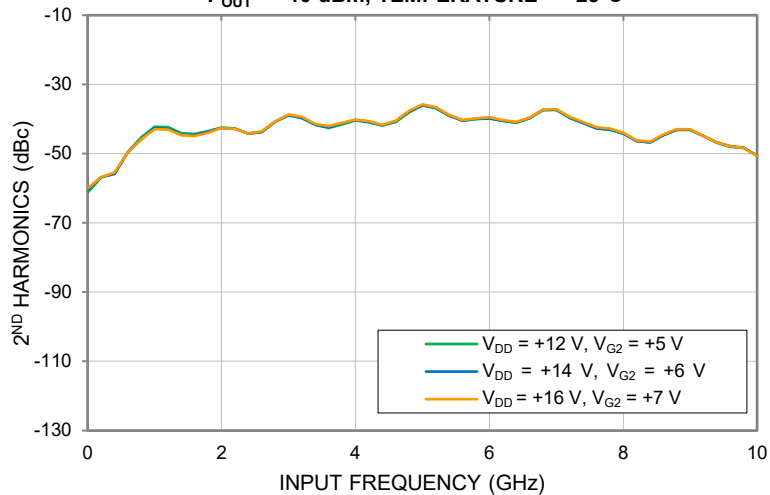
**NOISE FIGURE vs. TEMPERATURE,**  
 $V_{DD} = +12 \text{ V}$



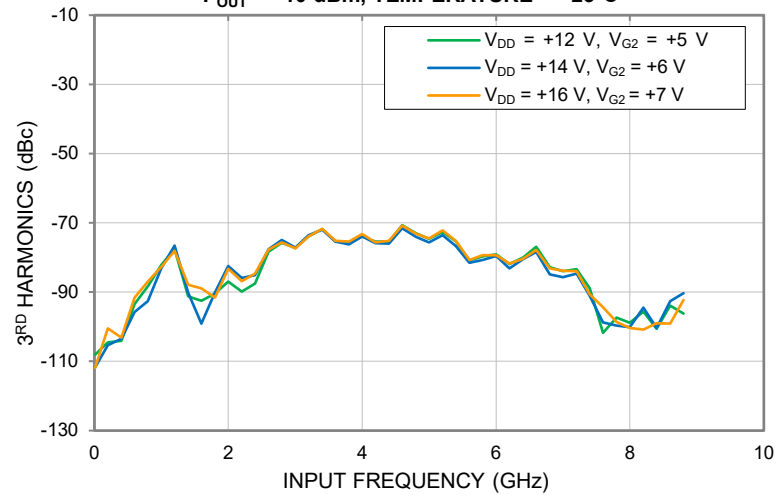
**NOISE FIGURE vs. DEVICE VOLTAGE,**  
 TEMPERATURE = +25°C



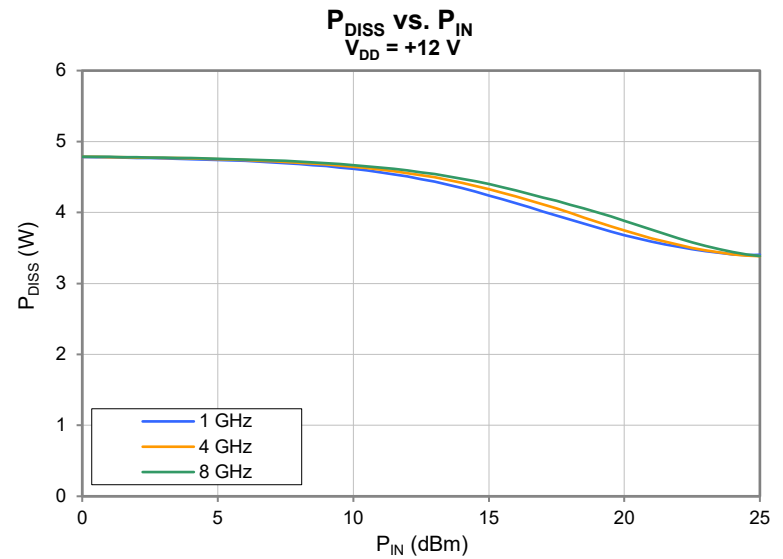
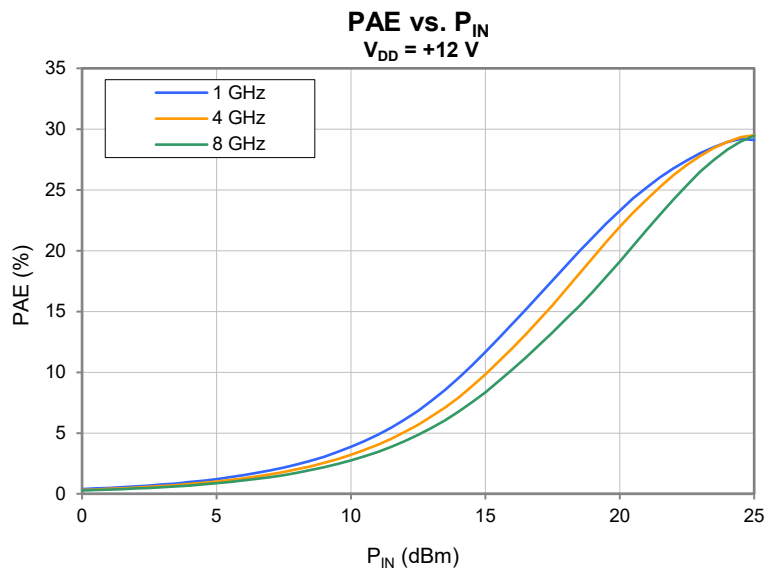
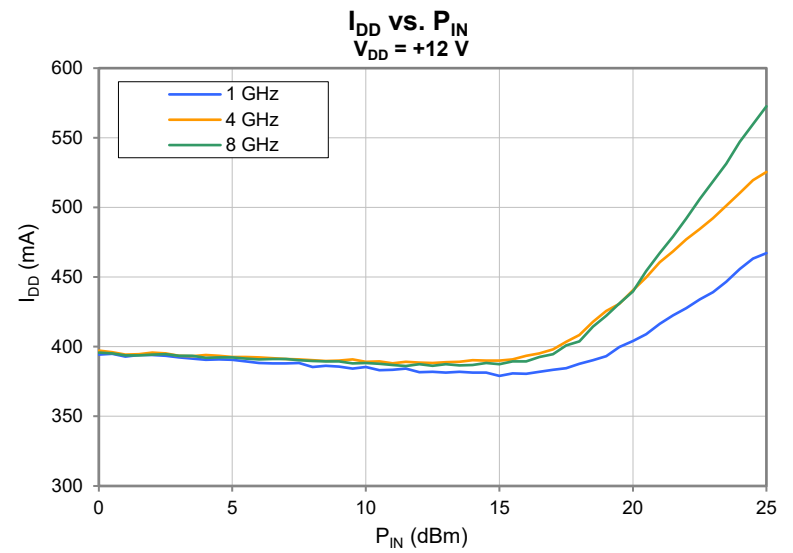
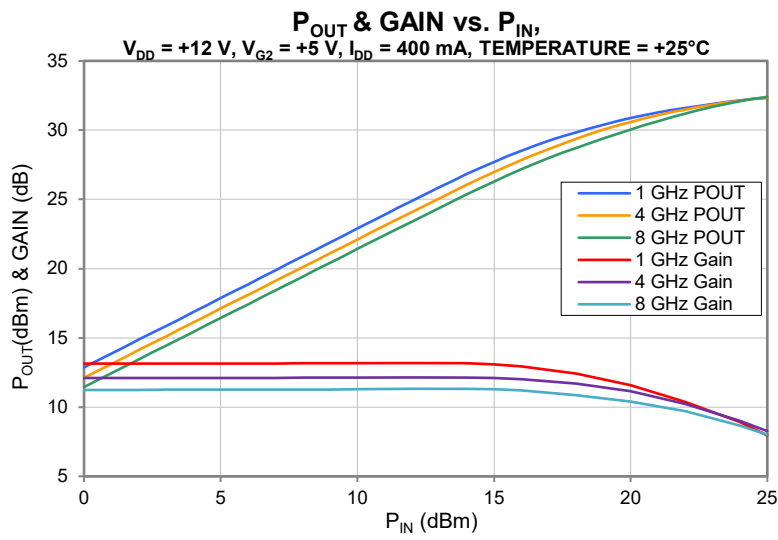
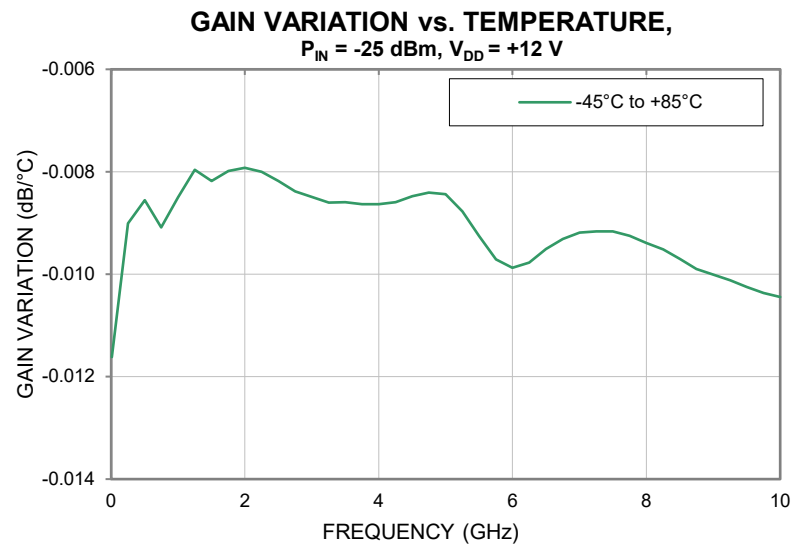
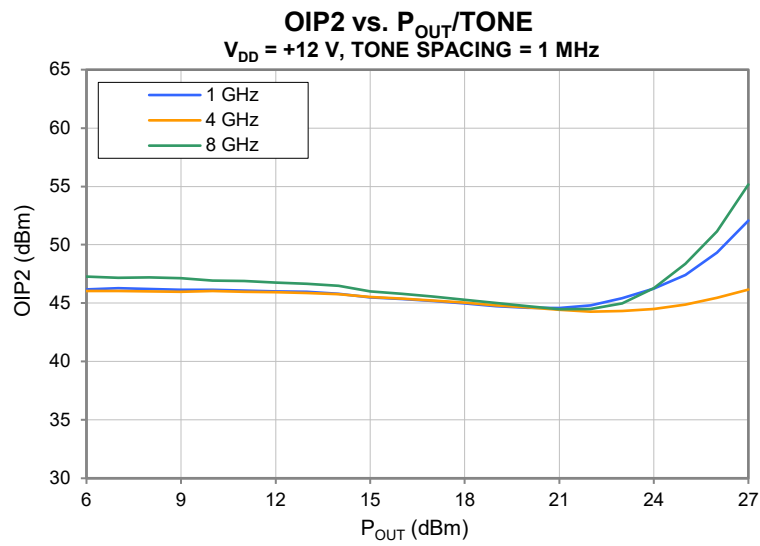
**2<sup>ND</sup> HARMONICS vs. DEVICE VOLTAGE,**  
 $P_{OUT} = +10 \text{ dBm}$ , TEMPERATURE = +25°C



**3<sup>RD</sup> HARMONICS vs. DEVICE VOLTAGE,**  
 $P_{OUT} = +10 \text{ dBm}$ , TEMPERATURE = +25°C



## Typical Performance Curves



## Typical Performance Curves

