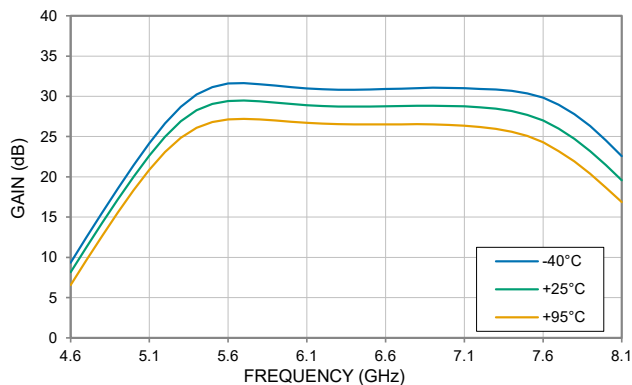


## Typical Performance Curves

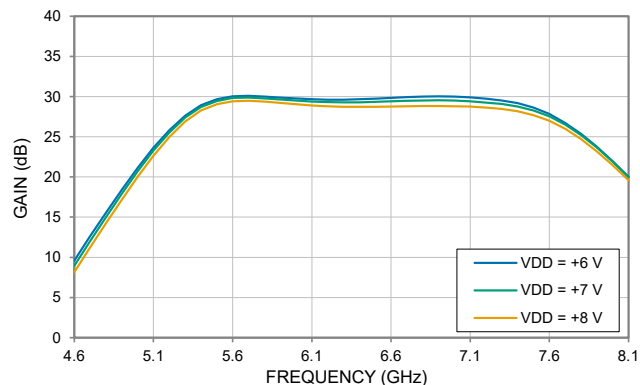
**GAIN vs. TEMPERATURE**

$P_{IN} = -15 \text{ dBm}$ ,  $V_{DD} = +8 \text{ V}$



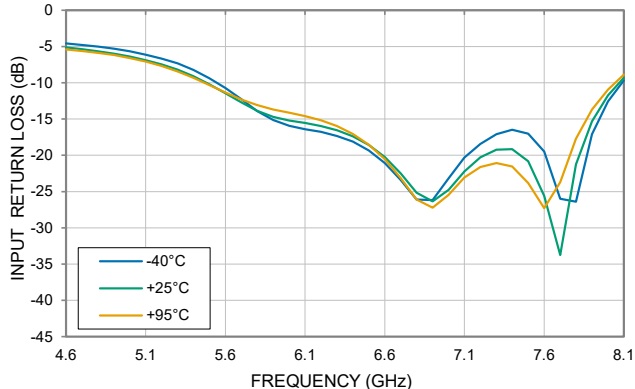
**GAIN vs. DEVICE VOLTAGE**

$P_{IN} = -15 \text{ dBm}$ , TEMPERATURE = +25°C



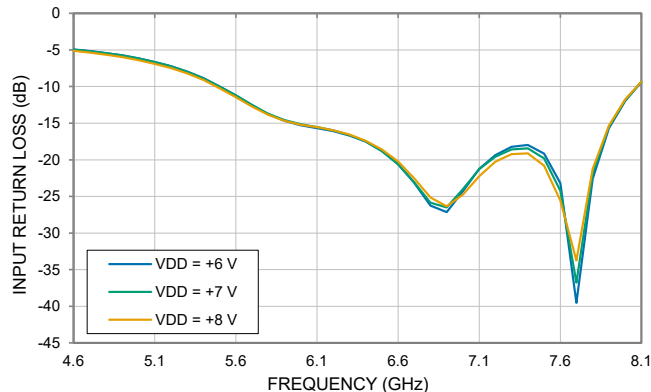
**INPUT RETURN LOSS vs. TEMPERATURE**

$P_{IN} = -15 \text{ dBm}$ ,  $V_{DD} = +8 \text{ V}$



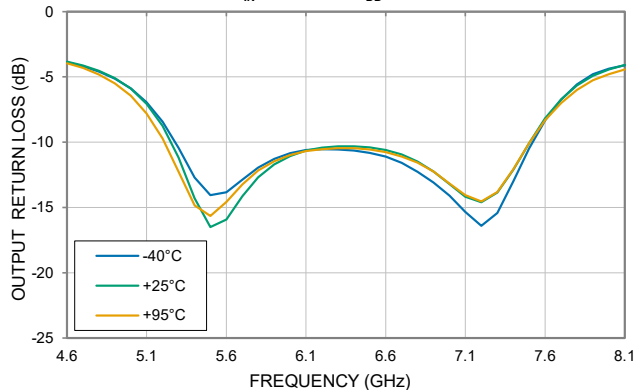
**INPUT RETURN LOSS vs. DEVICE VOLTAGE**

$P_{IN} = -15 \text{ dBm}$ , TEMPERATURE = +25°C



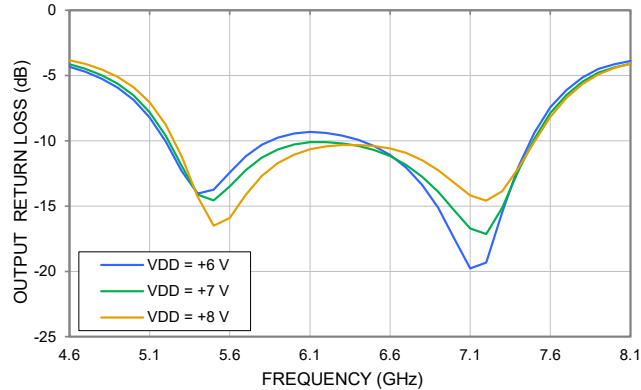
**OUTPUT RETURN LOSS vs. TEMPERATURE**

$P_{IN} = -15 \text{ dBm}$ ,  $V_{DD} = +8 \text{ V}$



**OUTPUT RETURN LOSS vs. DEVICE VOLTAGE**

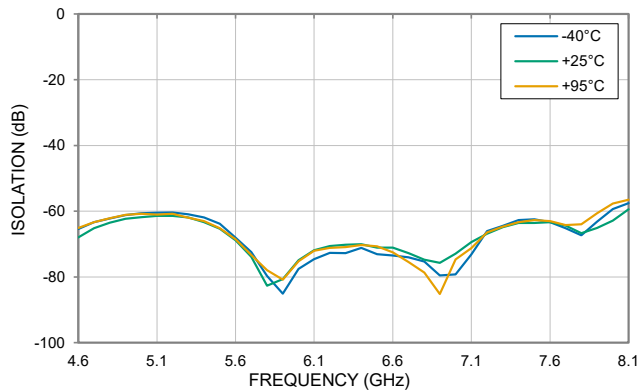
$P_{IN} = -15 \text{ dBm}$ , TEMPERATURE = +25°C



## Typical Performance Curves

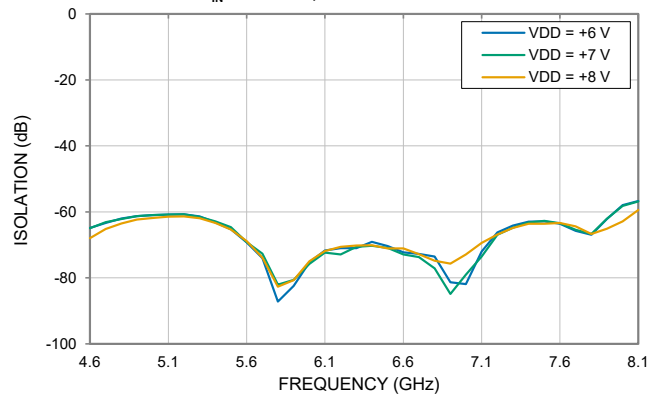
**ISOLATION vs. TEMPERATURE**

$P_{IN} = -15 \text{ dBm}$ ,  $V_{DD} = +8 \text{ V}$



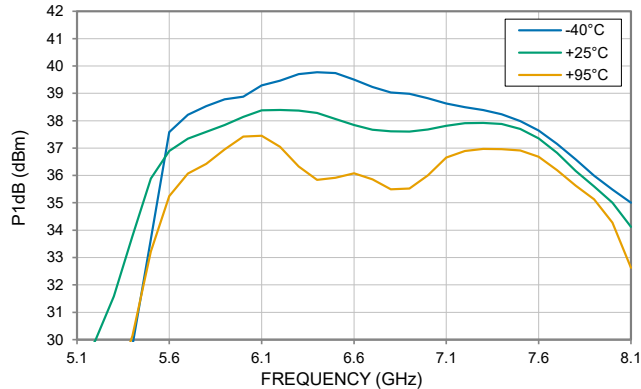
**ISOLATION vs. DEVICE VOLTAGE**

$P_{IN} = -15 \text{ dBm}$ , TEMPERATURE = +25°C



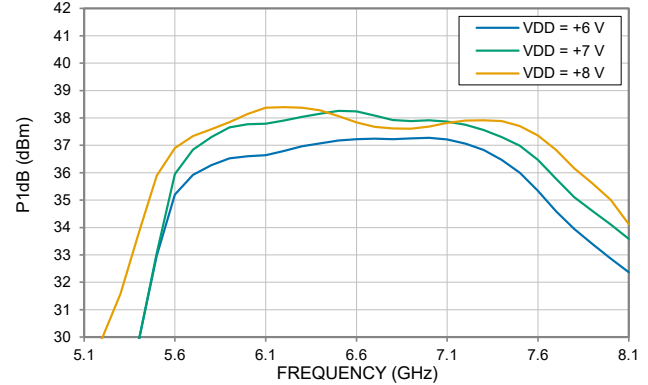
**P1dB vs. TEMPERATURE**

$V_{DD} = +8 \text{ V}$



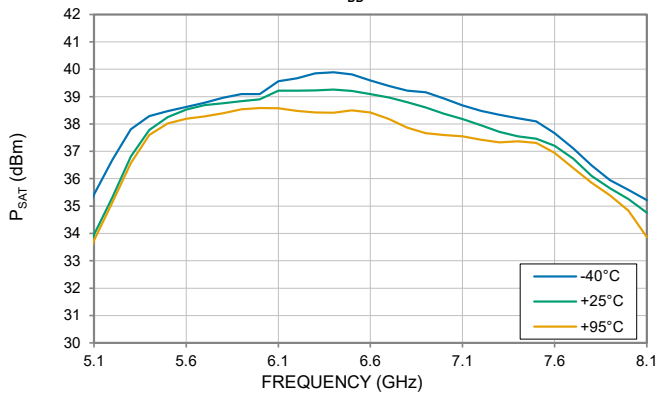
**P1dB vs. DEVICE VOLTAGE**

TEMPERATURE = +25°C



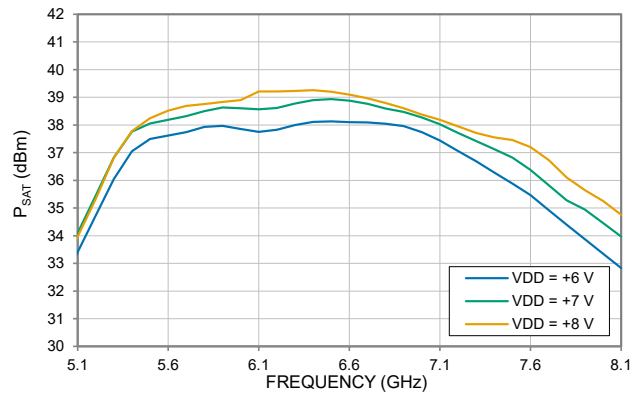
**$P_{SAT}$  vs. TEMPERATURE**

$V_{DD} = +8 \text{ V}$

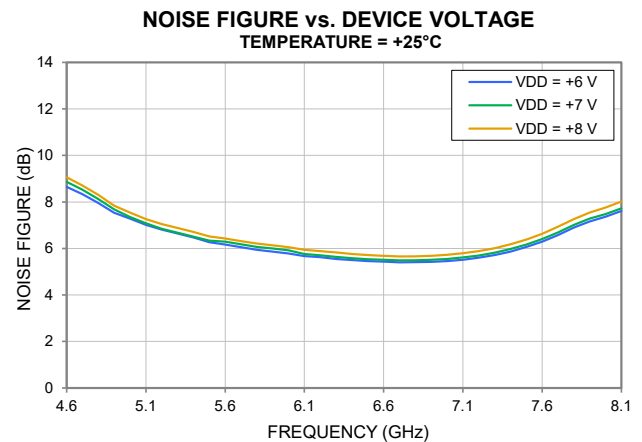
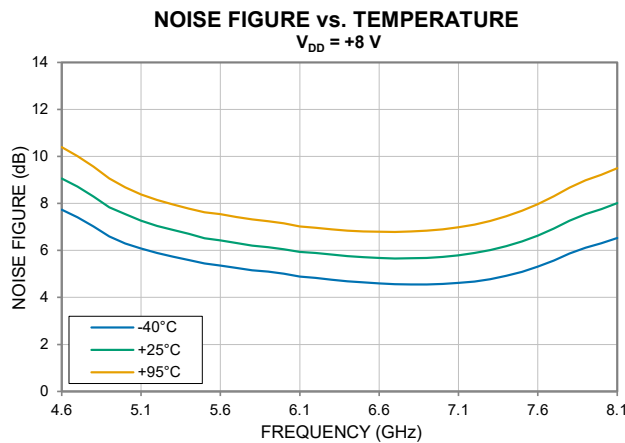
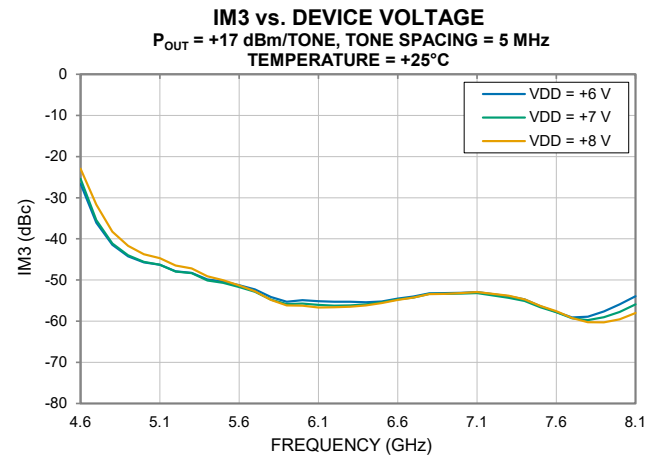
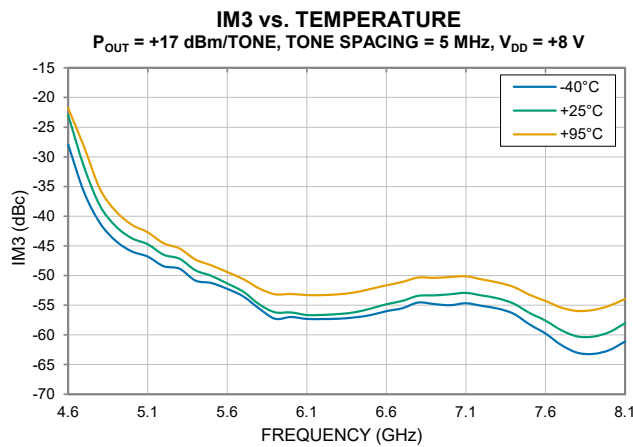
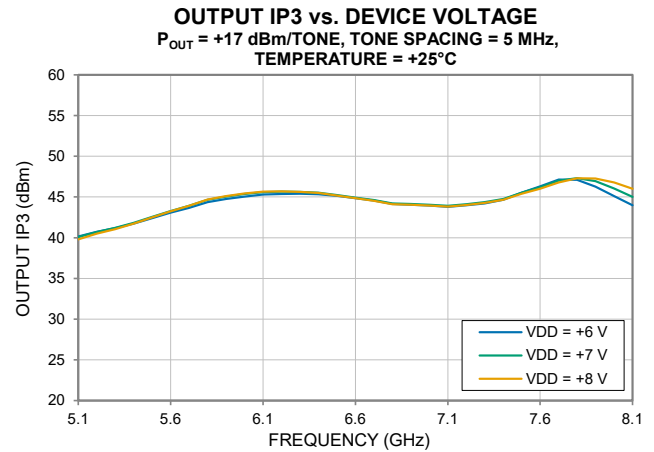
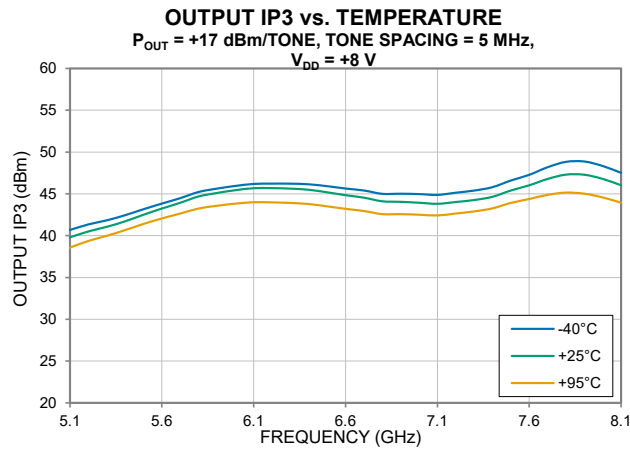


**$P_{SAT}$  vs. DEVICE VOLTAGE**

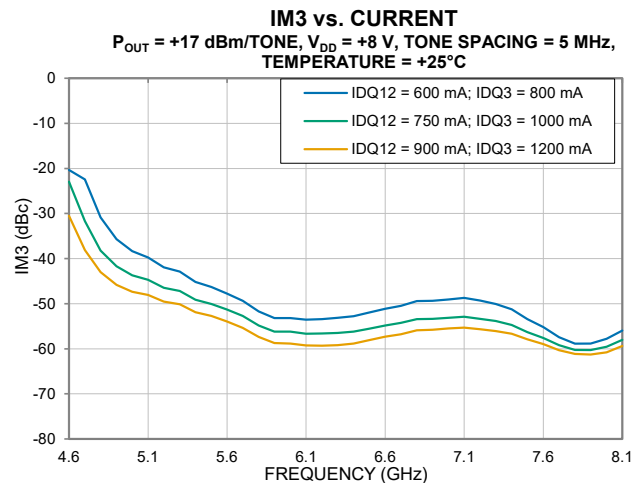
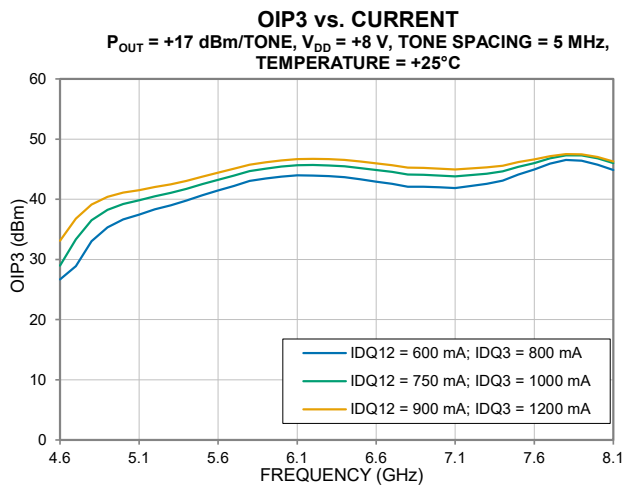
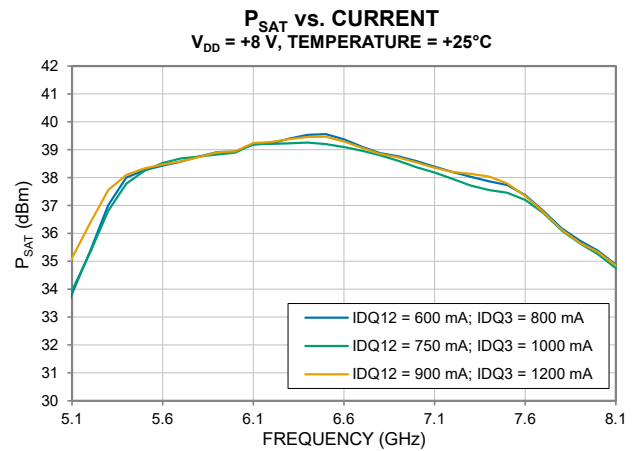
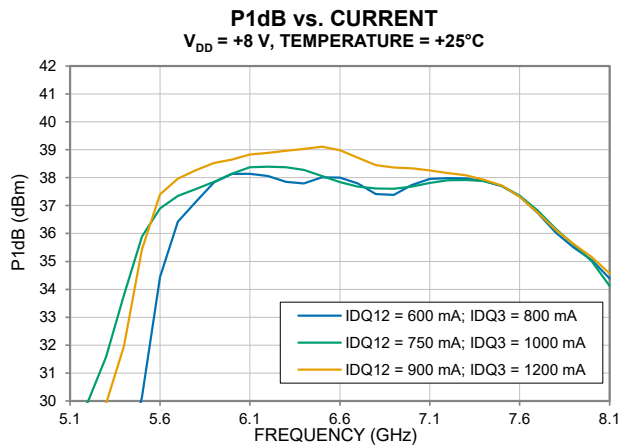
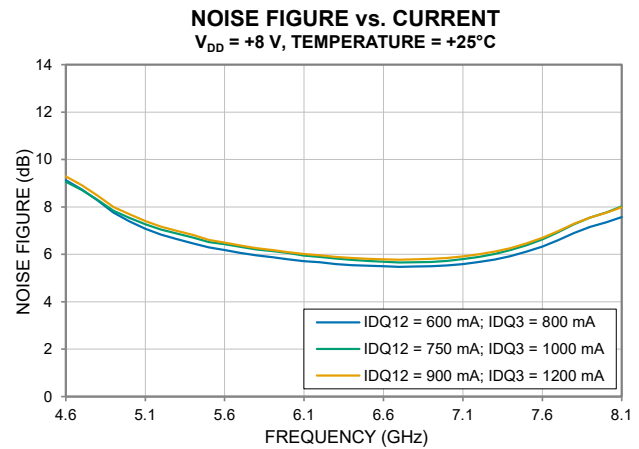
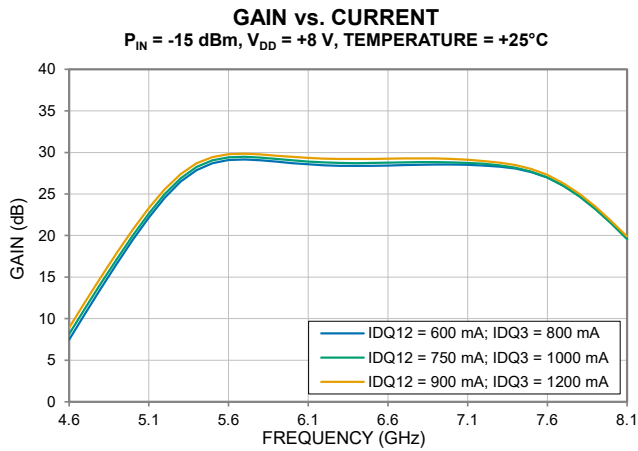
TEMPERATURE = +25°C



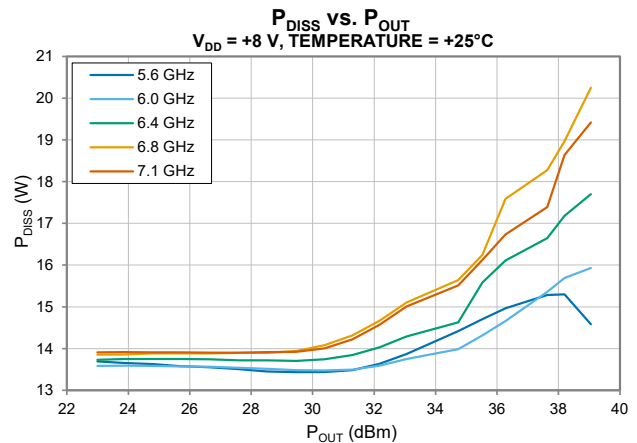
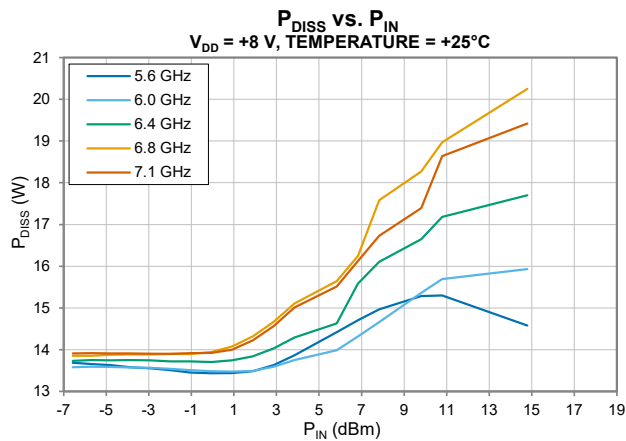
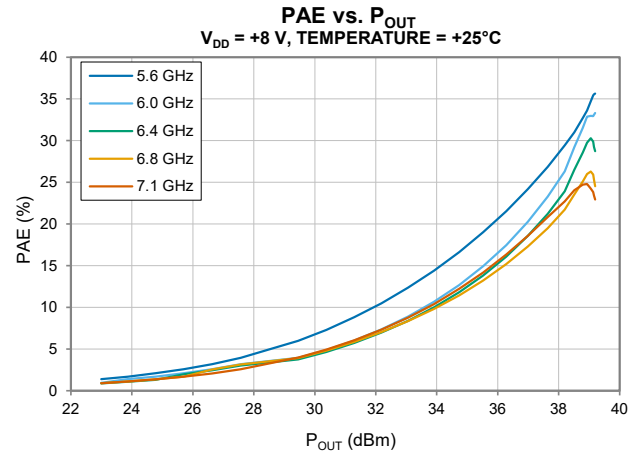
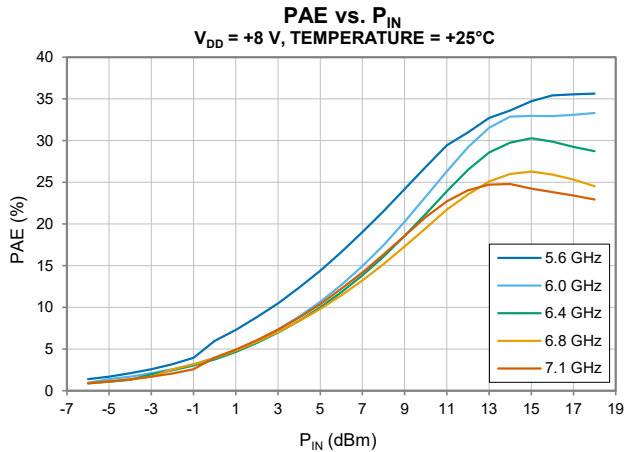
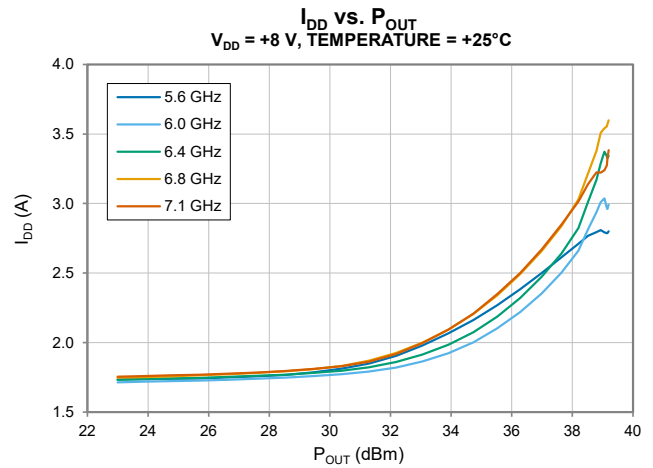
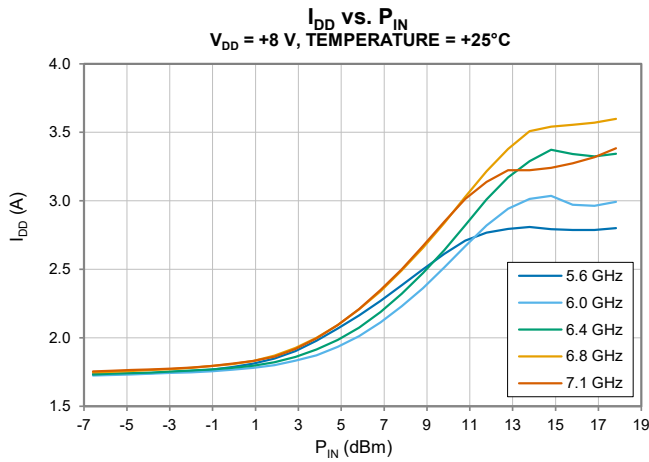
## Typical Performance Curves



## Typical Performance Curves

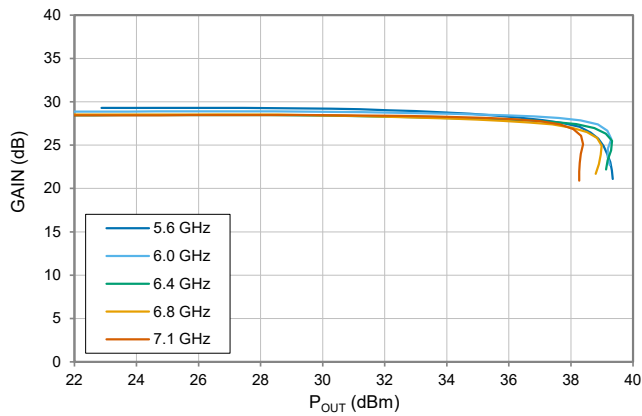


## Typical Performance Curves

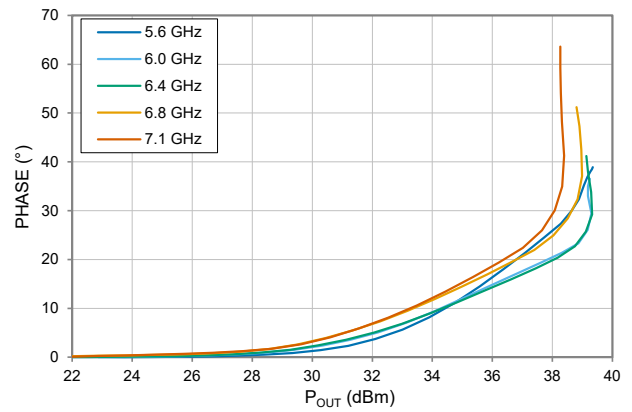


## Typical Performance Curves

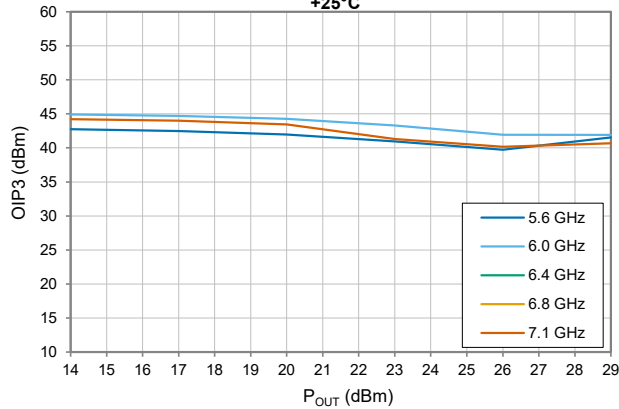
**AM - AM**  
 $V_{DD} = +8\text{ V}$ , TEMPERATURE =  $+25^\circ\text{C}$



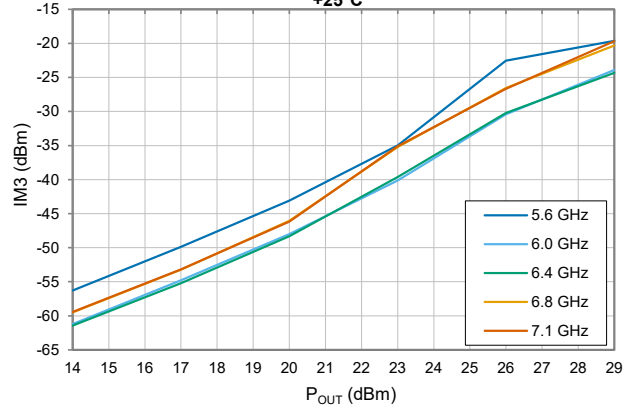
**AM - PM**  
 $V_{DD} = +8\text{ V}$ , TEMPERATURE =  $+25^\circ\text{C}$



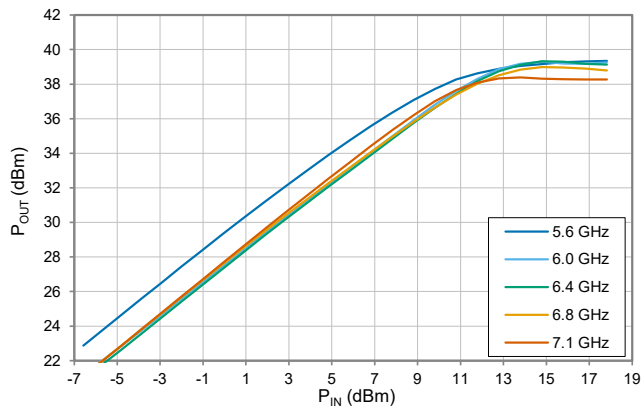
**OIP3 vs. POUT/TONE**  
 $V_{DD} = +8\text{ V}$ , TONE SPACING = 5 MHz, TEMPERATURE =  $+25^\circ\text{C}$



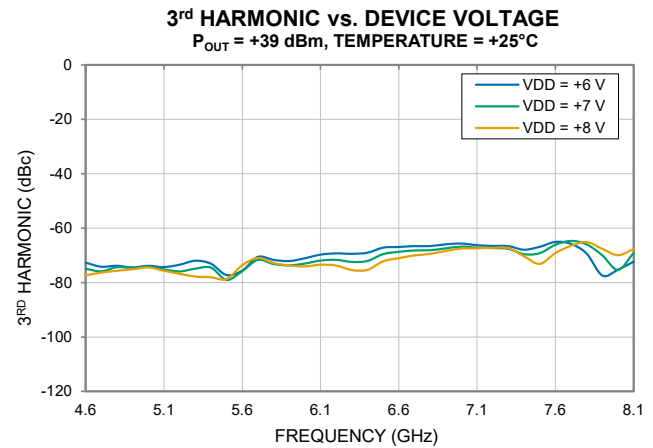
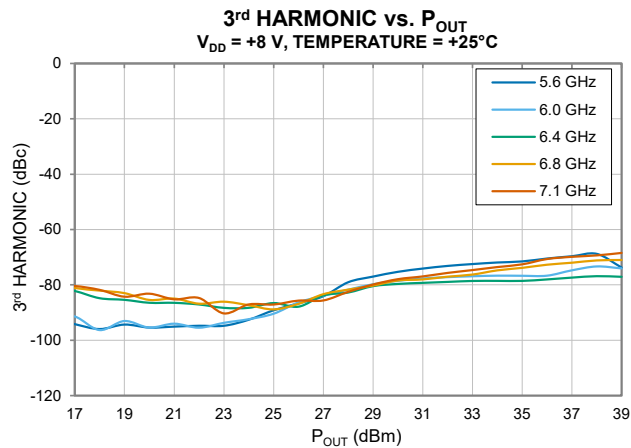
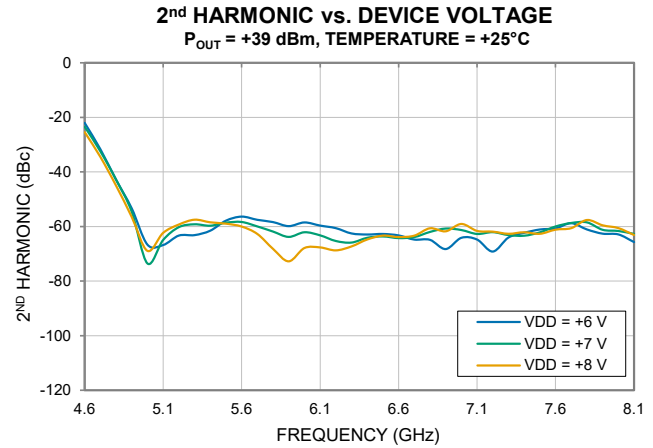
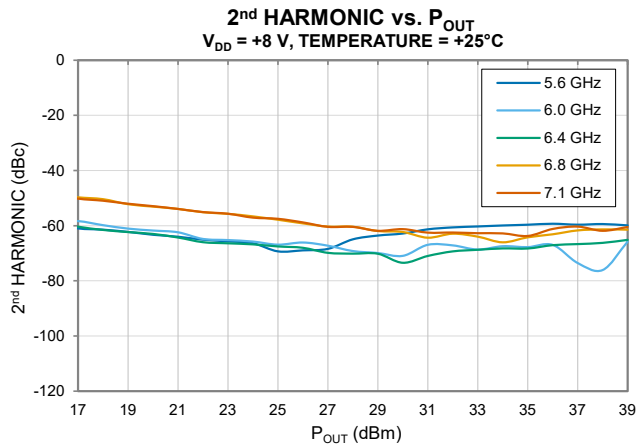
**IM3 vs. POUT/TONE**  
 $V_{DD} = +8\text{ V}$ , TONE SPACING = 5 MHz, TEMPERATURE =  $+25^\circ\text{C}$



**POUT vs. PIN**  
 $V_{DD} = +8\text{ V}$ , TEMPERATURE =  $+25^\circ\text{C}$



## Typical Performance Curves



## Typical Performance Curves

