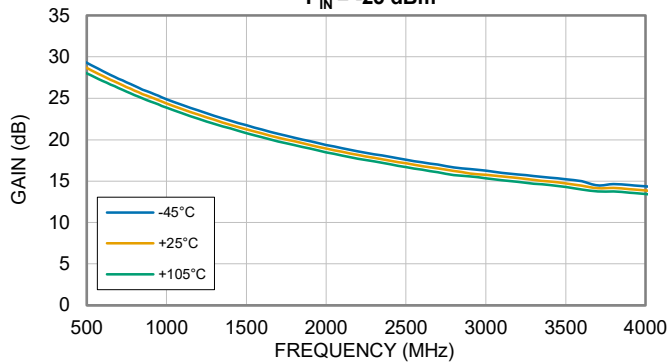


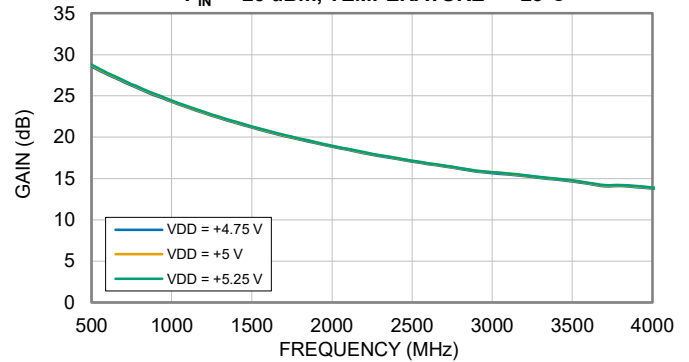
## Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS-43ULNC+ (Figure 2). All data taken at nominal condition of  $V_{DD} = +5$  V and at  $V_{SHUTDOWN} = 0$  V unless noted otherwise.

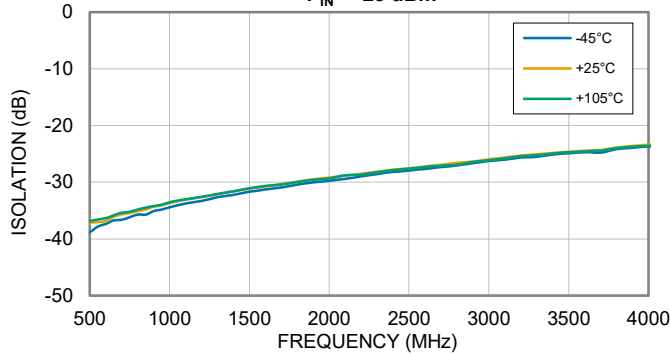
**GAIN vs. TEMPERATURE**  
 $P_{IN} = -25$  dBm



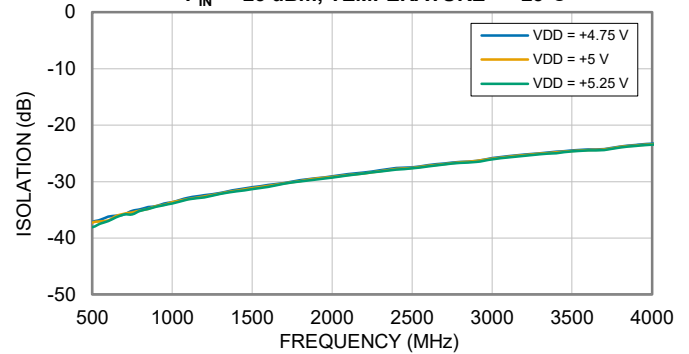
**GAIN vs. DEVICE VOLTAGE ( $V_{DD}$ )**  
 $P_{IN} = -25$  dBm, TEMPERATURE = +25°C



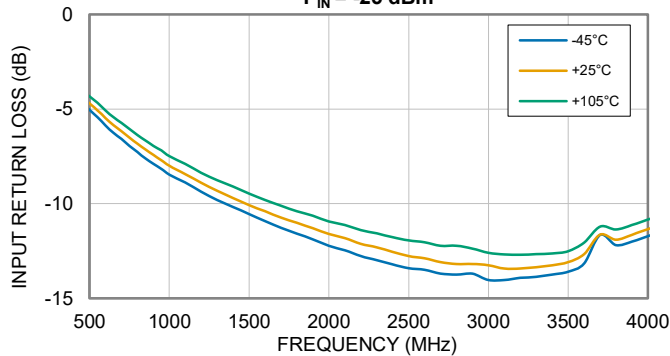
**ISOLATION vs. TEMPERATURE**  
 $P_{IN} = -25$  dBm



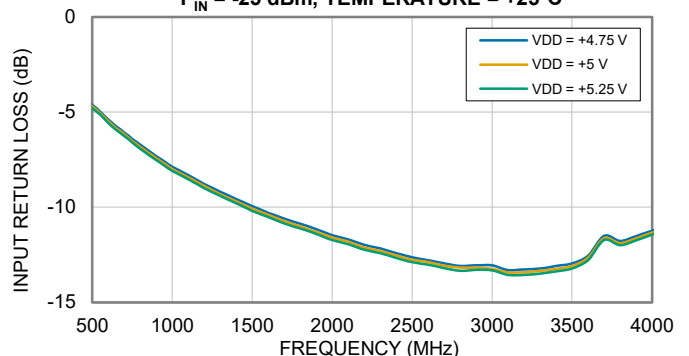
**ISOLATION vs. DEVICE VOLTAGE ( $V_{DD}$ )**  
 $P_{IN} = -25$  dBm, TEMPERATURE = +25°C



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

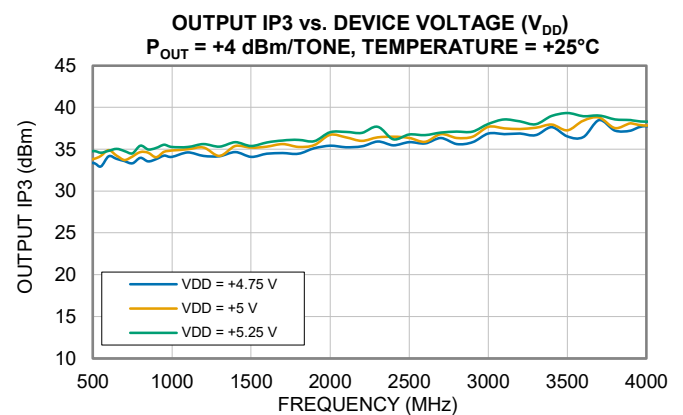
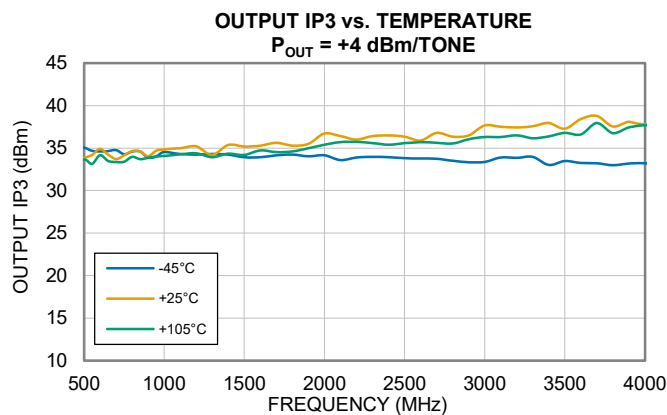
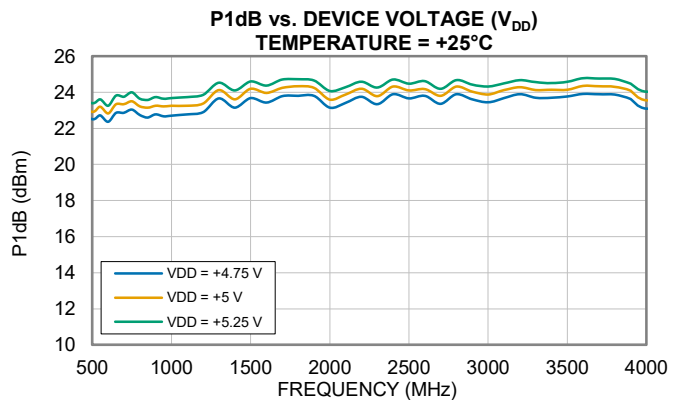
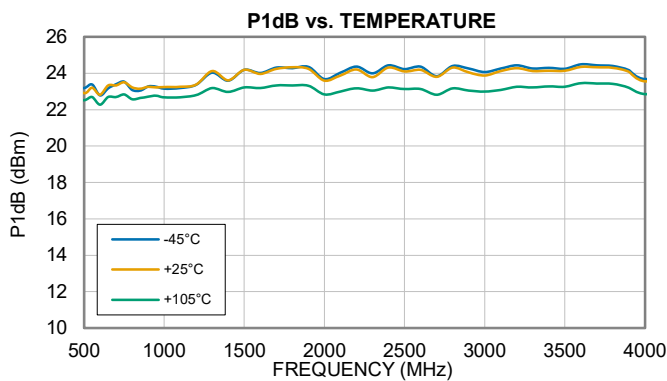
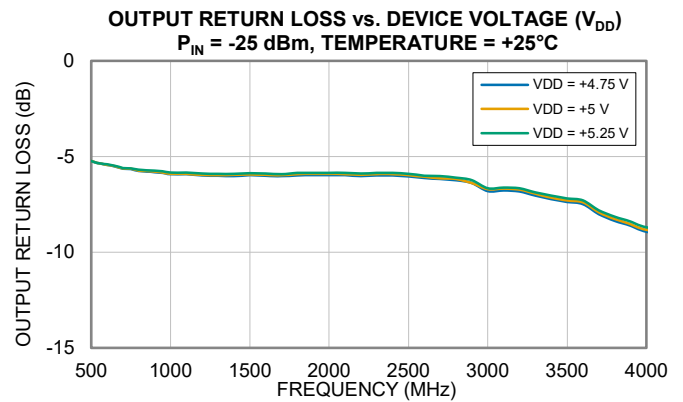
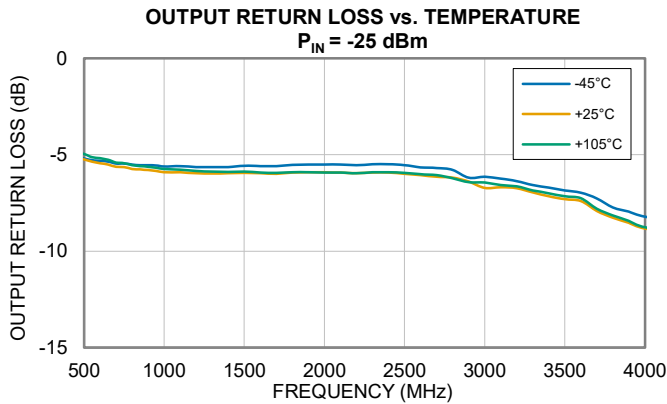


**INPUT RETURN LOSS vs. DEVICE VOLTAGE ( $V_{DD}$ )**  
 $P_{IN} = -25$  dBm, TEMPERATURE = +25°C



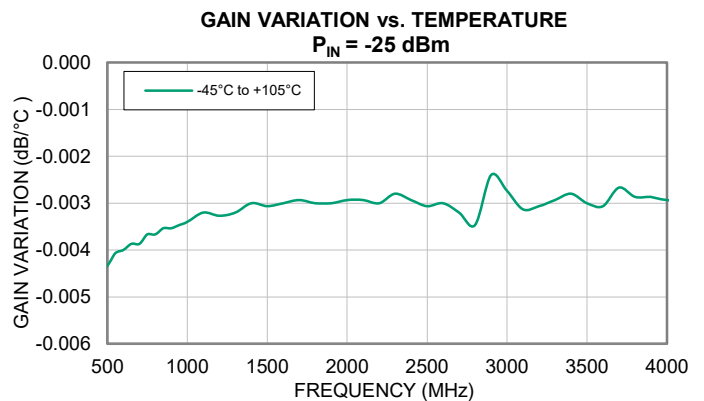
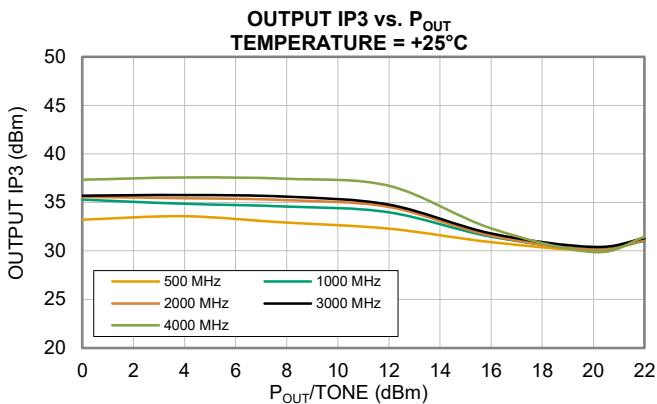
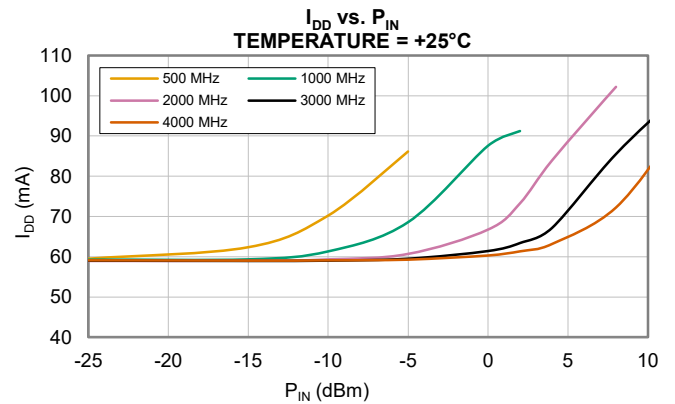
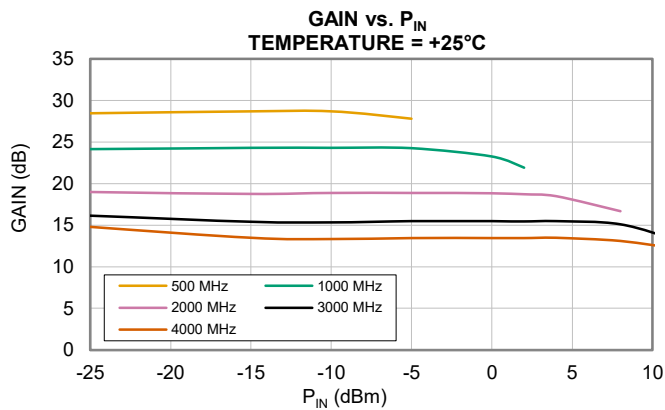
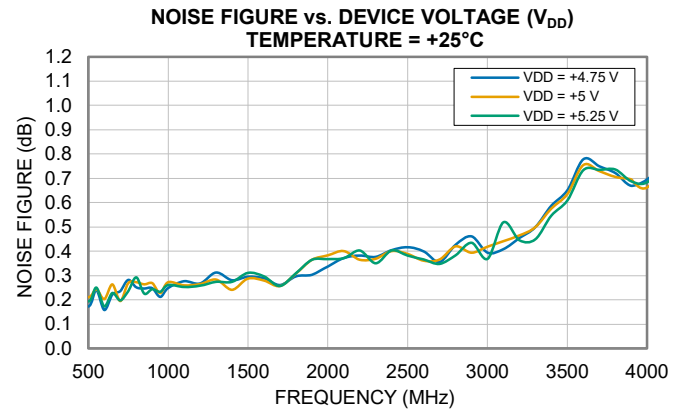
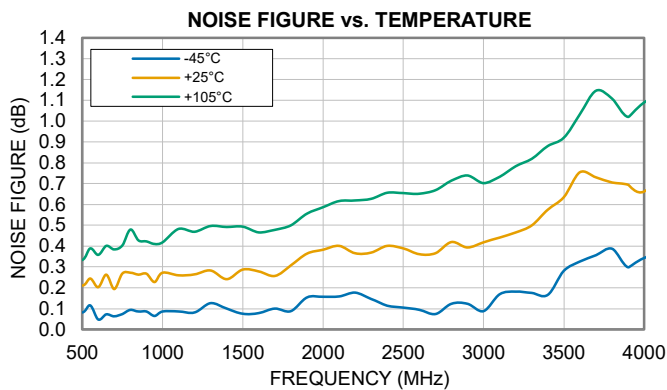
## Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS-43ULNC+ (Figure 2). All data taken at nominal condition of  $V_{DD} = +5\text{ V}$  and at  $V_{SHUTDOWN} = 0\text{ V}$  unless noted otherwise.



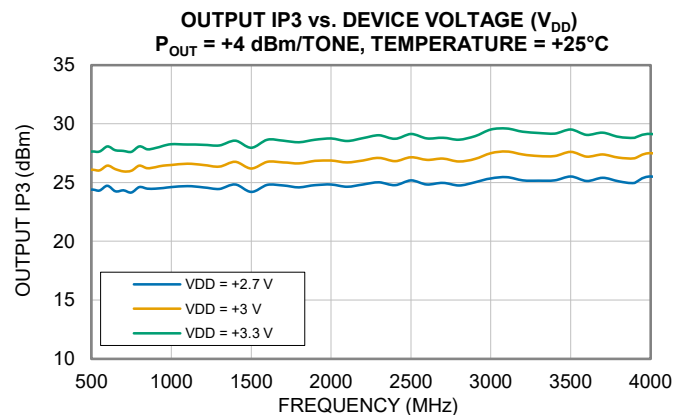
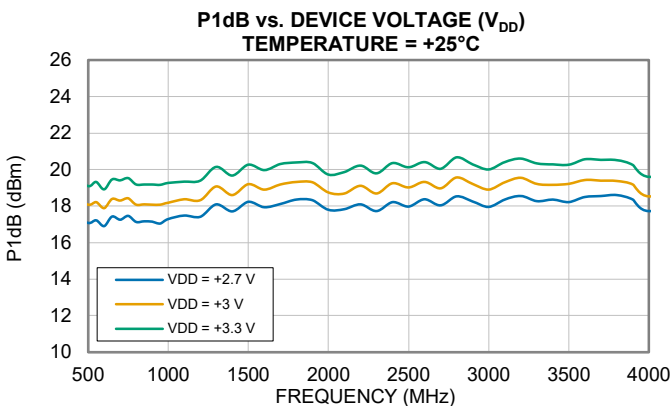
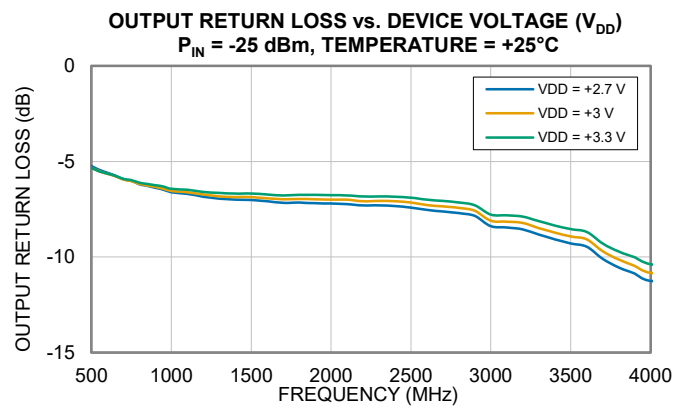
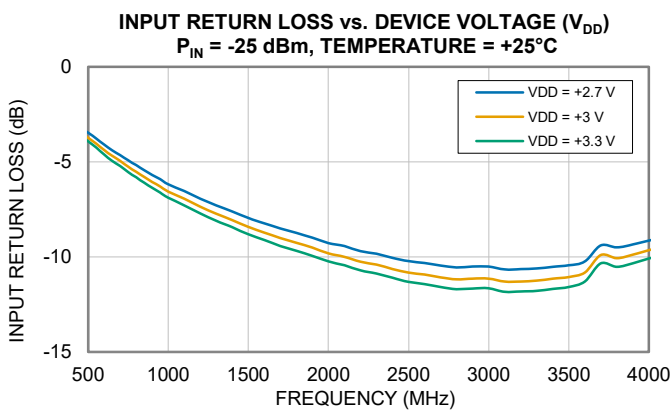
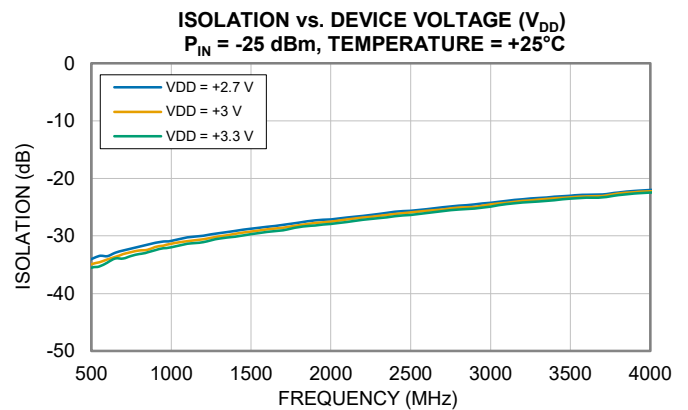
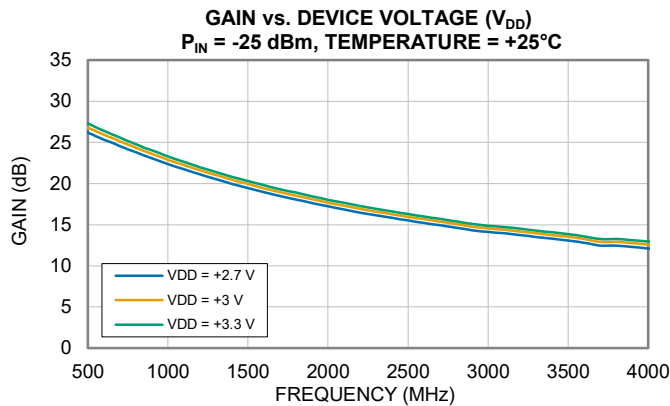
## Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS-43ULNC+ (Figure 2). All data taken at nominal condition of  $V_{DD} = +5\text{ V}$  and at  $V_{SHUTDOWN} = 0\text{ V}$  unless noted otherwise.



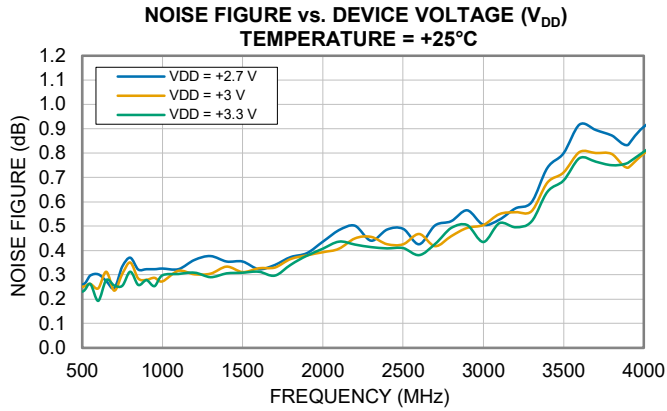
## Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS-43ULNC+ (Figure 2). All data taken at  $V_{SHUTDOWN} = 0\text{ V}$  unless noted otherwise.



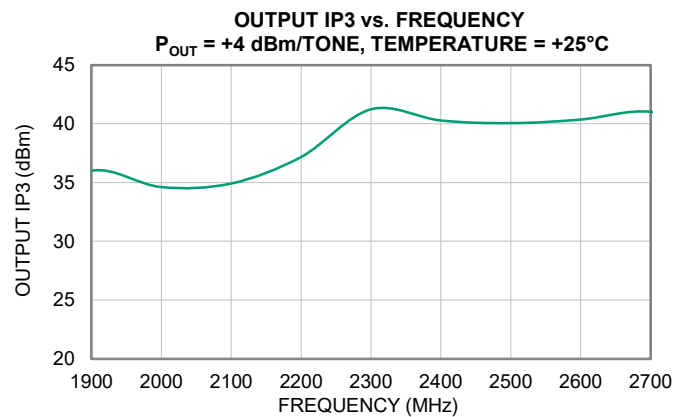
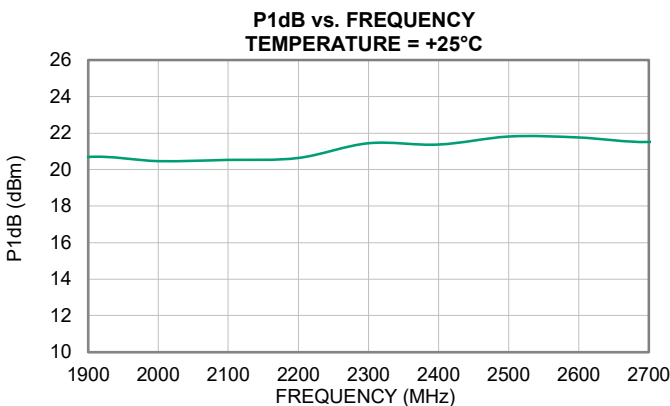
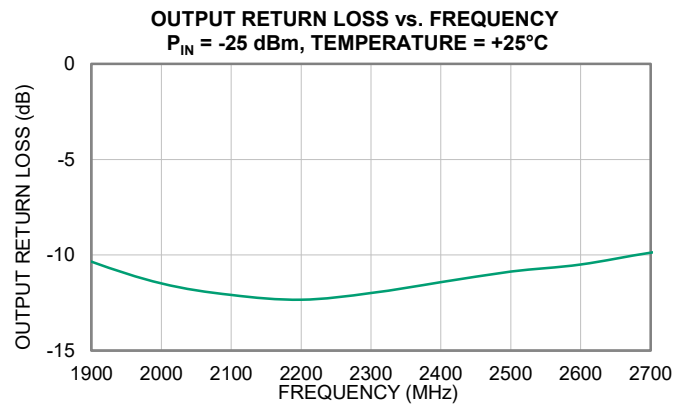
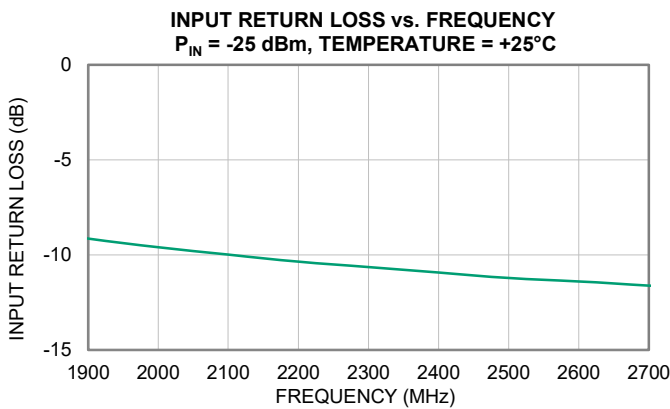
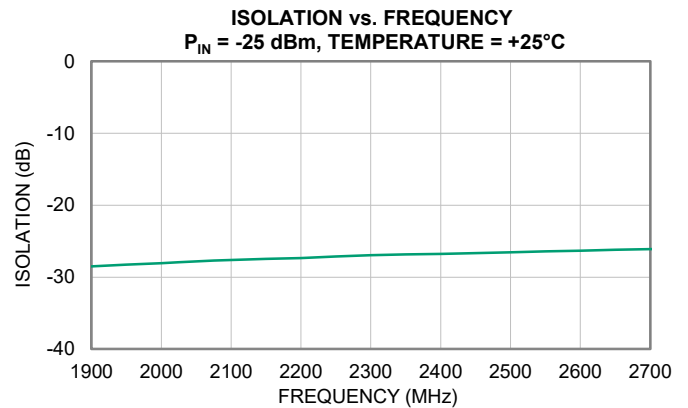
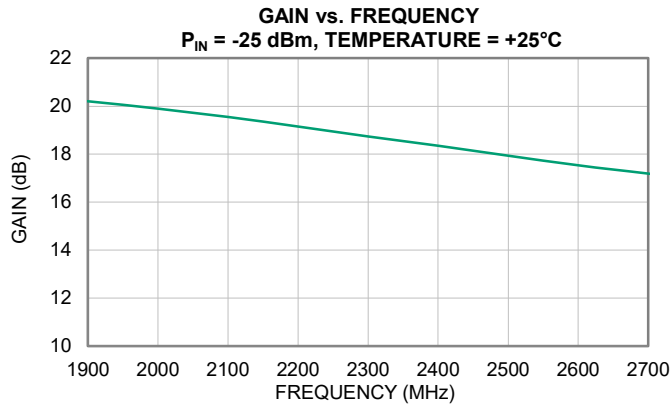
## Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS-43ULNC+ (Figure 2). All data taken at  $V_{SHUTDOWN} = 0\text{ V}$  unless noted otherwise.



## Typical Performance Curves

Note: The following data was taken on the Mini-Circuits 1900-2700 MHz Matched Characterization Test Board (Figure 3). All data taken at nominal condition of  $V_{DD} = +5\text{ V}$  and at  $V_{SHUTDOWN} = 0\text{ V}$ .



## Typical Performance Curves

Note: The following data was taken on the Mini-Circuits 1900-2700 MHz Matched Characterization Test Board (Figure 3). All data taken at nominal condition of  $V_{DD} = +5\text{ V}$  and at  $V_{SHUTDOWN} = 0\text{ V}$ .

