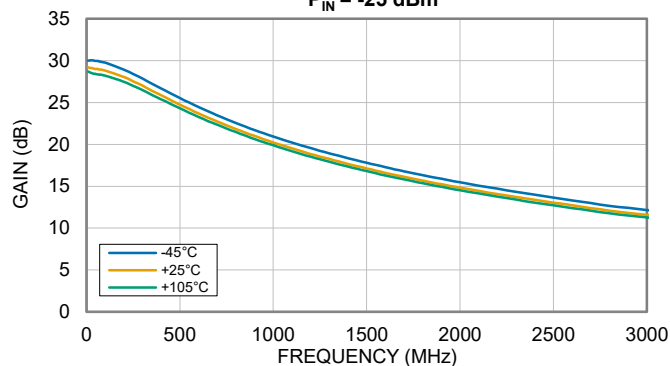


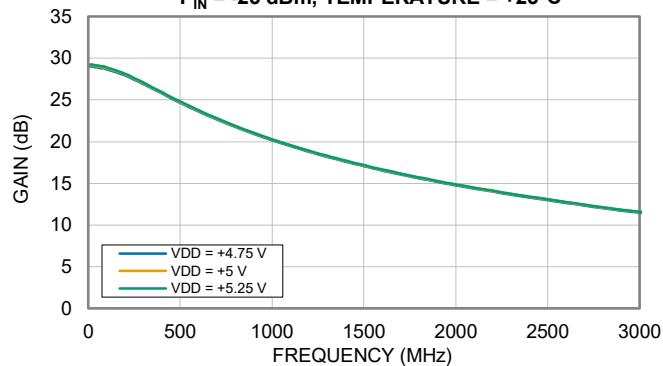
Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS1-23ULNC+ (Figure 2). All data taken at nominal condition of $V_{DD} = +5\text{ V}$ and at $V_{SHUTDOWN} = 0\text{ V}$ unless noted otherwise.

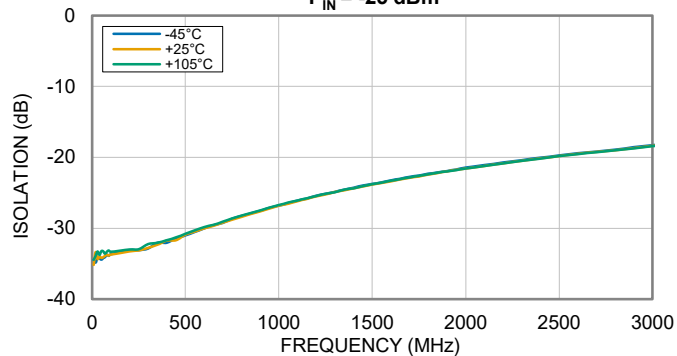
GAIN vs. TEMPERATURE
 $P_{IN} = -25\text{ dBm}$



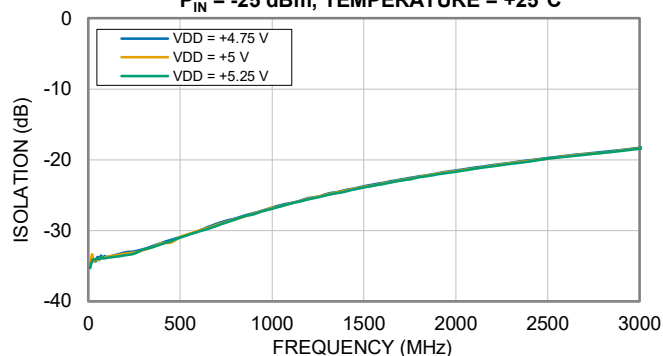
GAIN vs. DEVICE VOLTAGE (V_{DD})
 $P_{IN} = -25\text{ dBm}$, TEMPERATURE = $+25^\circ\text{C}$



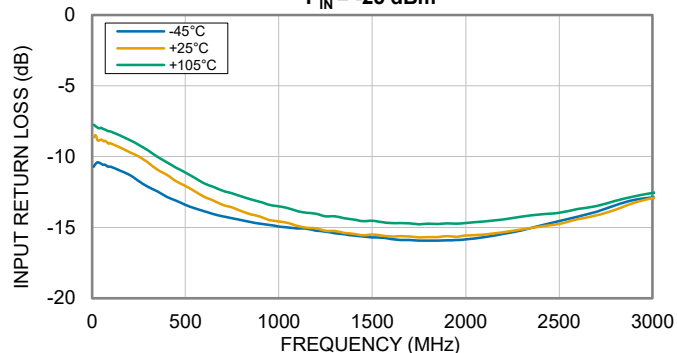
ISOLATION vs. TEMPERATURE
 $P_{IN} = -25\text{ dBm}$



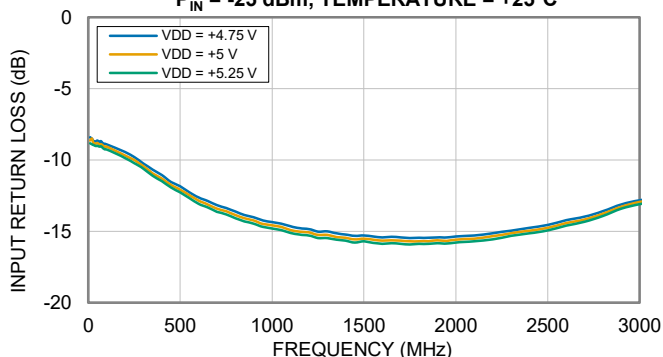
ISOLATION vs. DEVICE VOLTAGE (V_{DD})
 $P_{IN} = -25\text{ dBm}$, TEMPERATURE = $+25^\circ\text{C}$



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

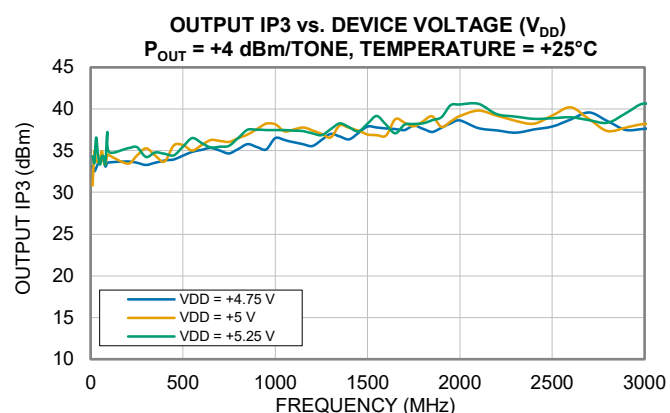
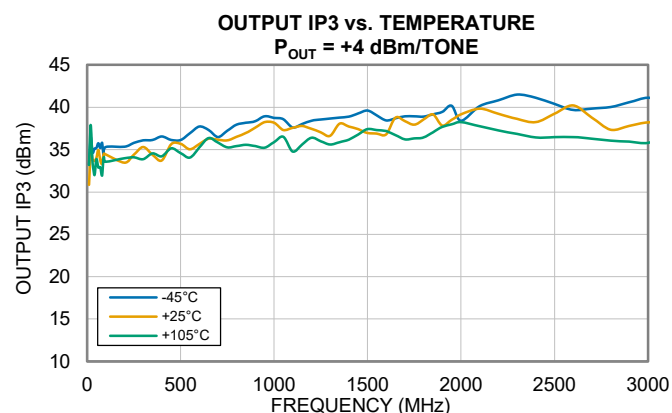
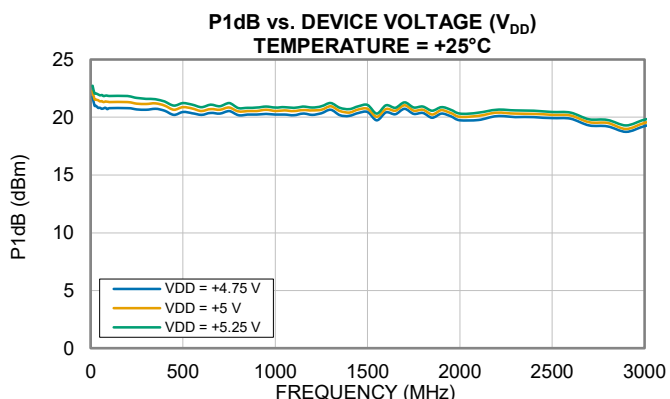
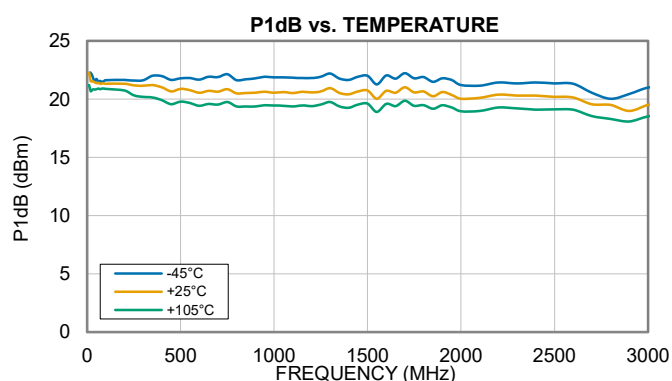
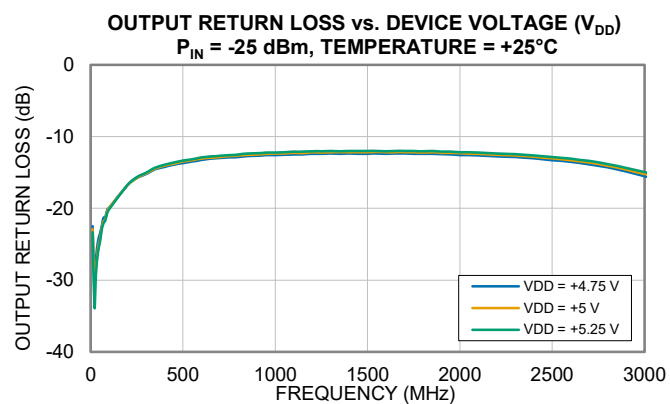
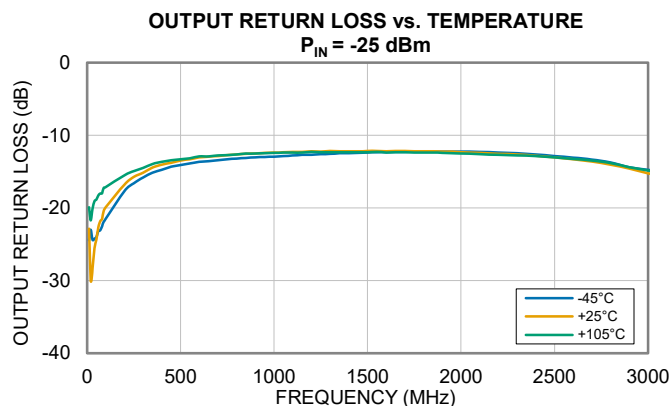


INPUT RETURN LOSS vs. DEVICE VOLTAGE (V_{DD})
 $P_{IN} = -25\text{ dBm}$, TEMPERATURE = $+25^\circ\text{C}$



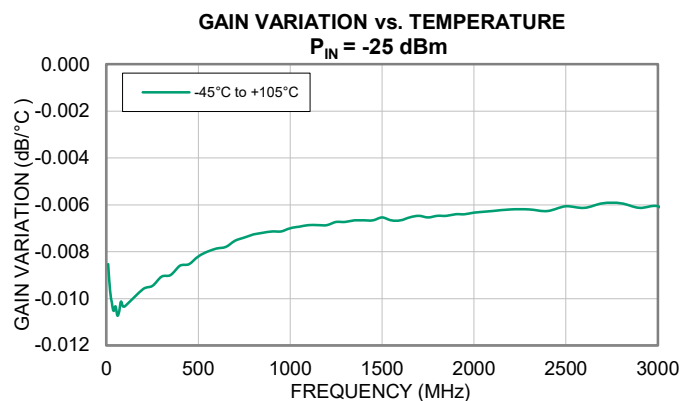
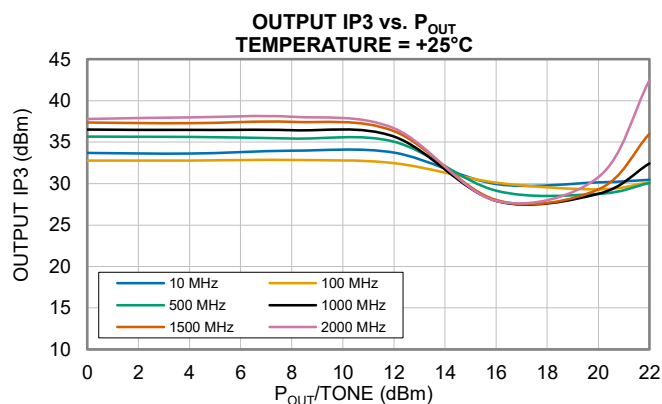
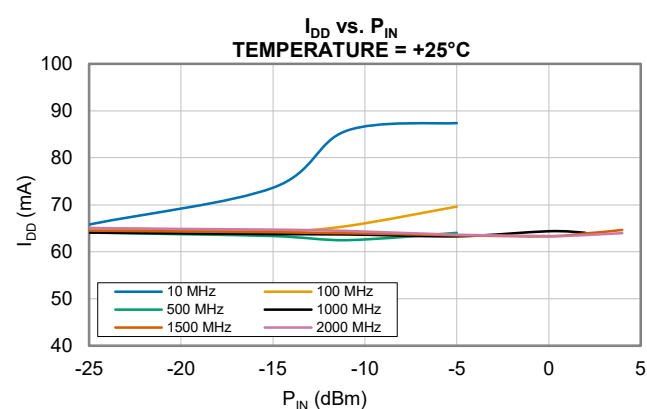
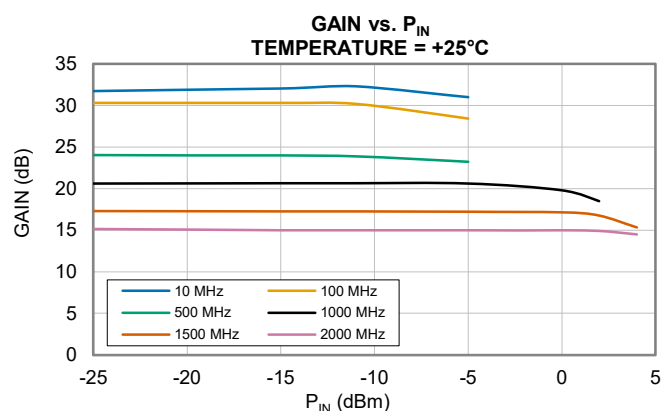
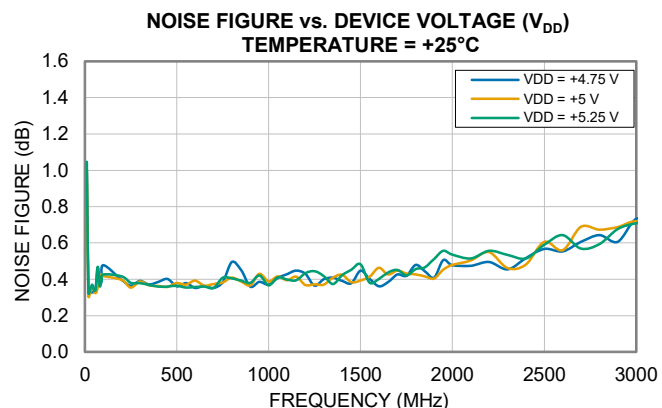
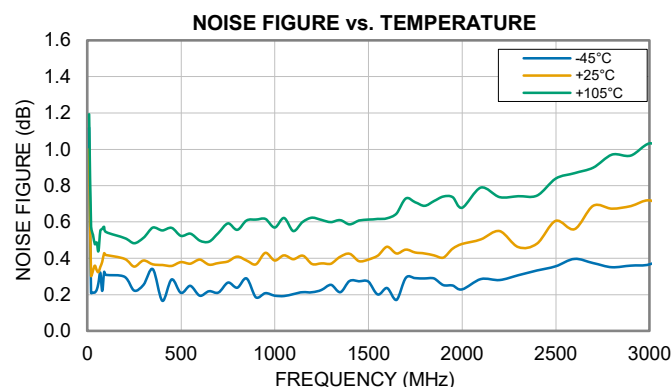
Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS1-23ULNC+ (Figure 2). All data taken at nominal condition of $V_{DD} = +5\text{ V}$ and at $V_{SHUTDOWN} = 0\text{ V}$ unless noted otherwise.



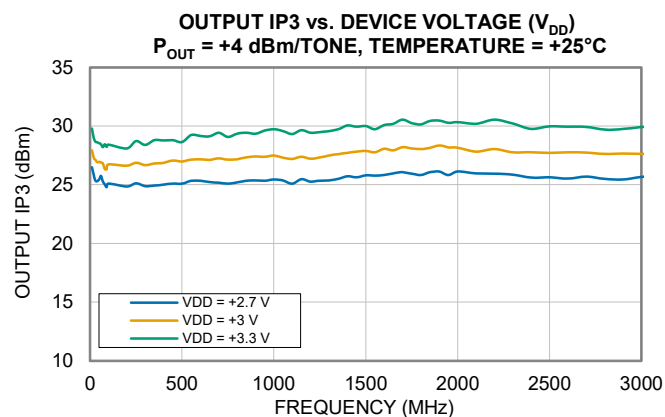
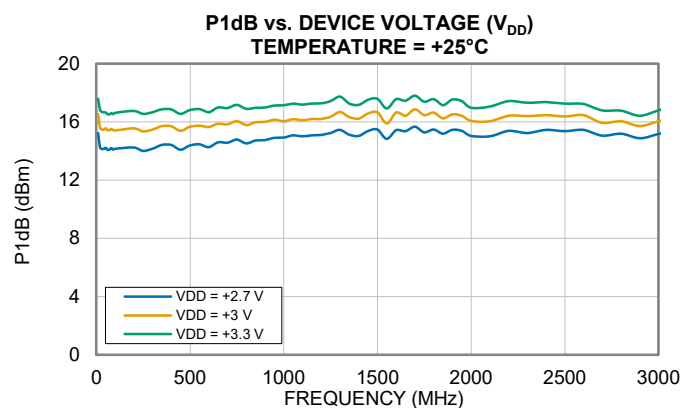
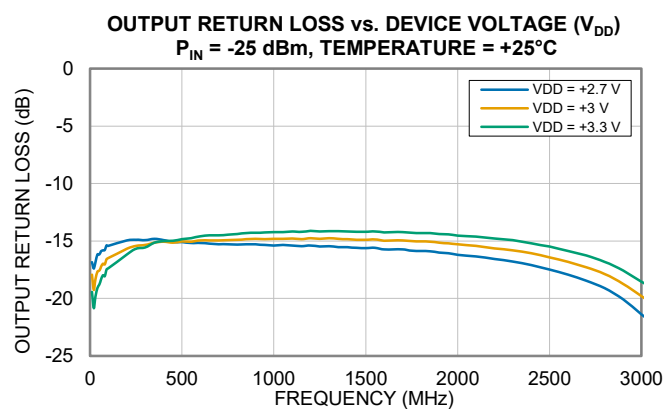
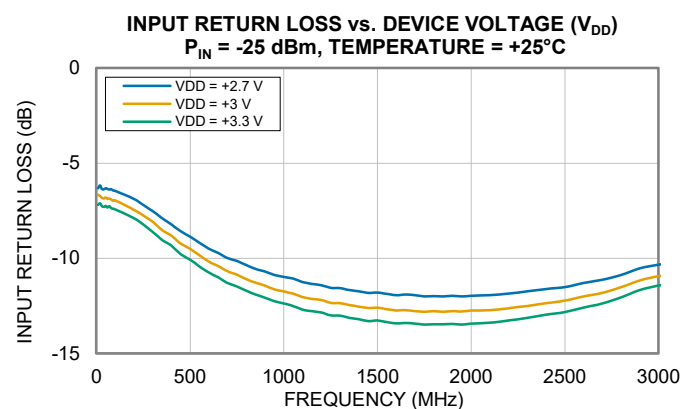
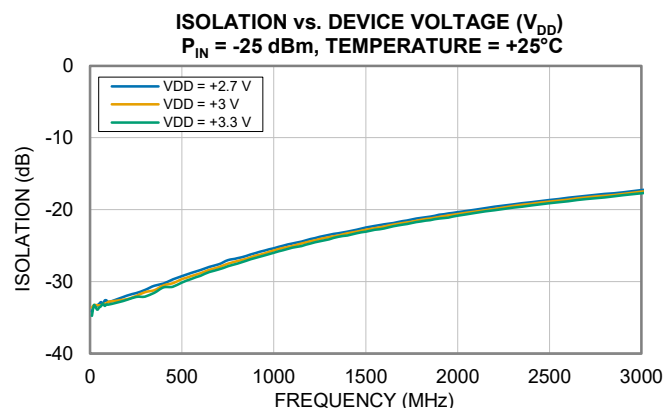
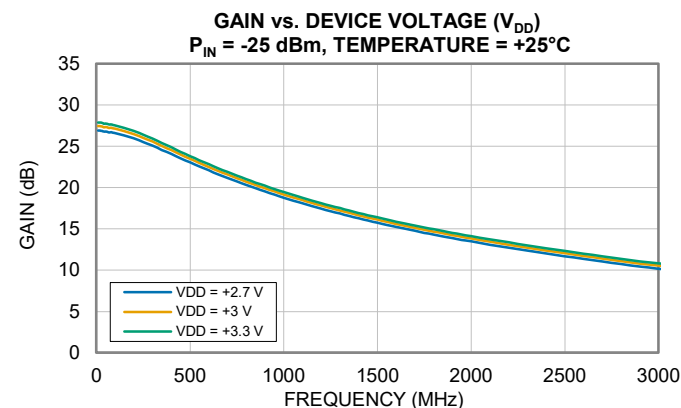
Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS1-23ULNC+ (Figure 2). All data taken at nominal condition of $V_{DD} = +5\text{ V}$ and at $V_{SHUTDOWN} = 0\text{ V}$ unless noted otherwise.



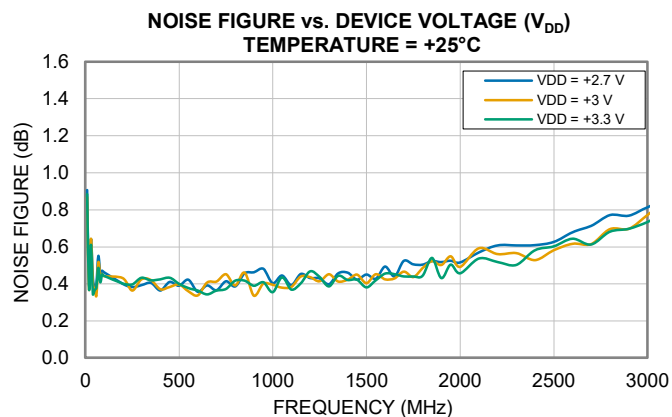
Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS1-23ULNC+ (Figure 2). All data taken at $V_{SHUTDOWN} = 0$ V unless noted otherwise.



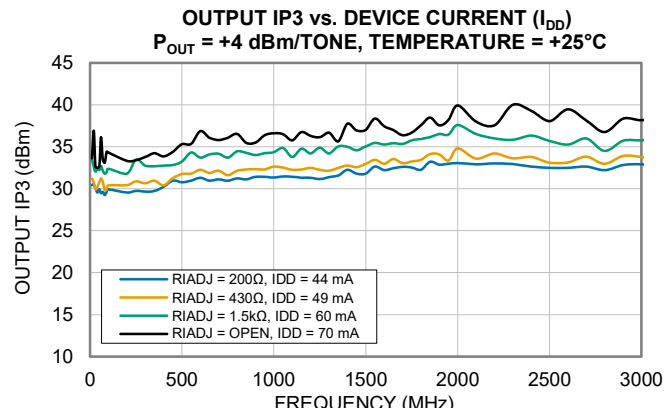
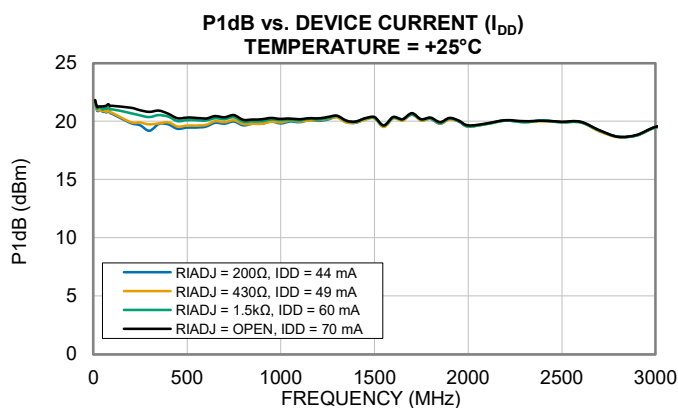
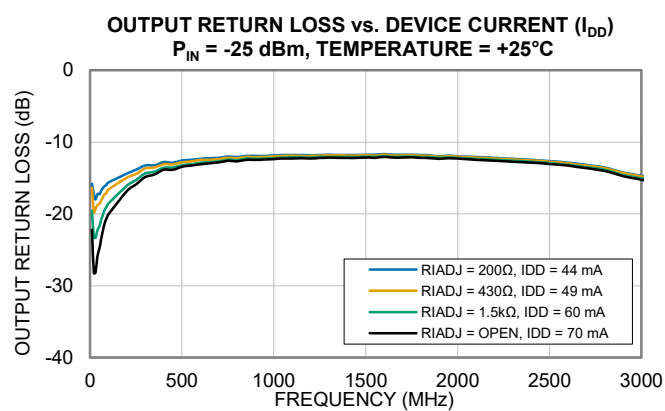
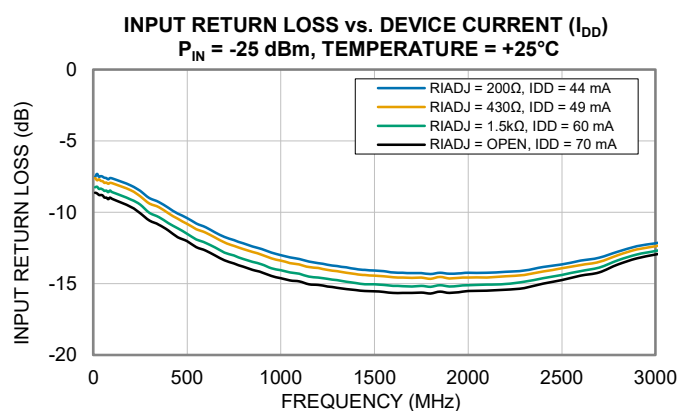
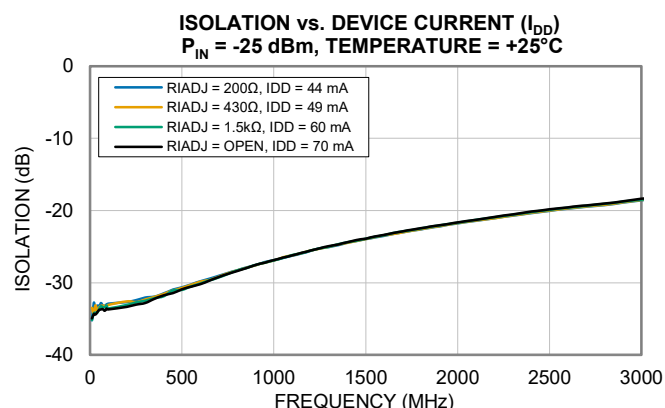
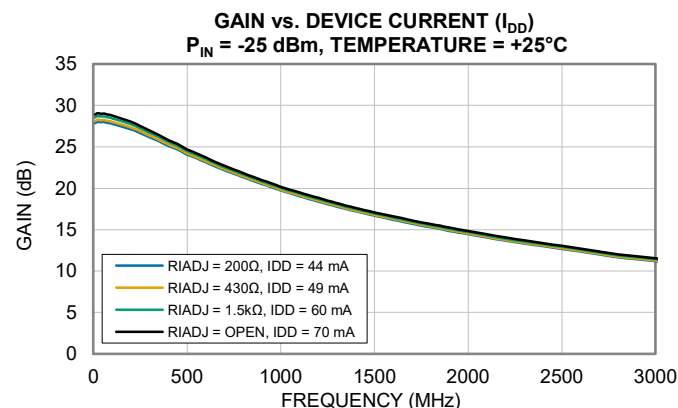
Typical Performance Curves

Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS1-23ULNC+ (Figure 2). All data taken at $V_{\text{SHUTDOWN}} = 0 \text{ V}$ unless noted otherwise.



Typical Performance Curves

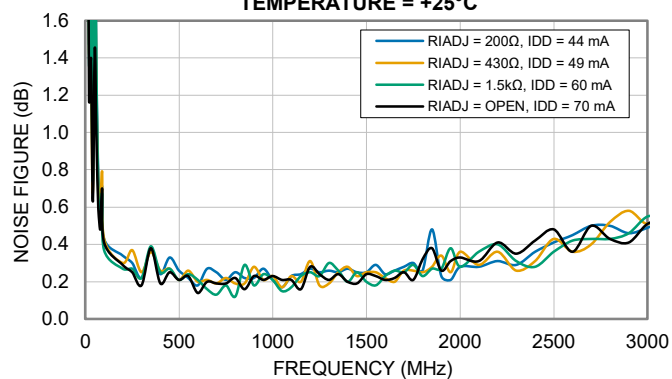
Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS1-23ULNC+ by varying R_{IADJ} (Figure 3). All data taken at nominal condition of $V_{DD} = +5$ V and at $V_{SHUTDOWN} = 0$ V unless noted otherwise.



Typical Performance Curves

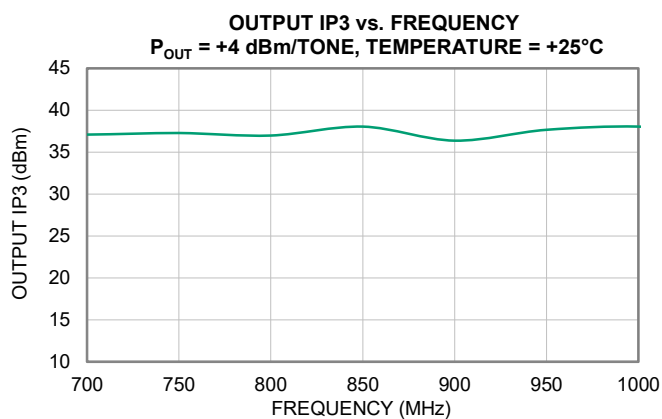
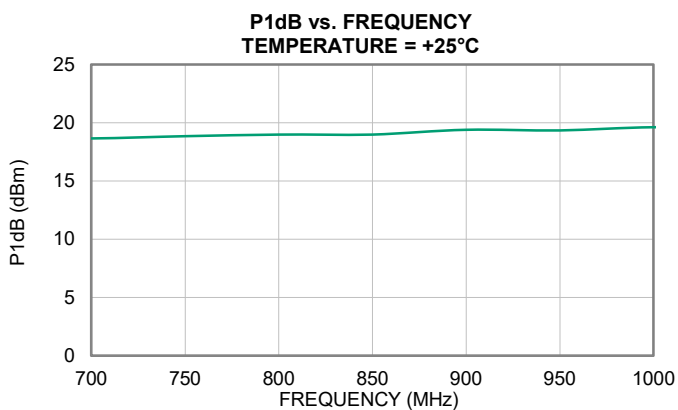
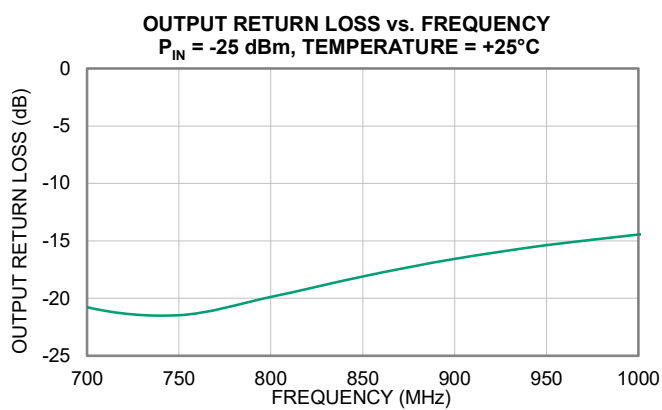
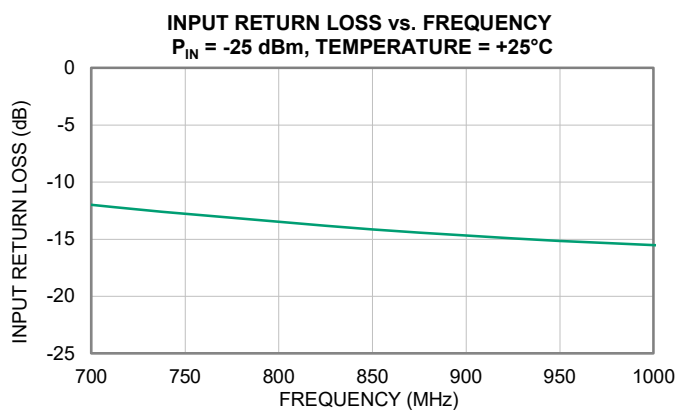
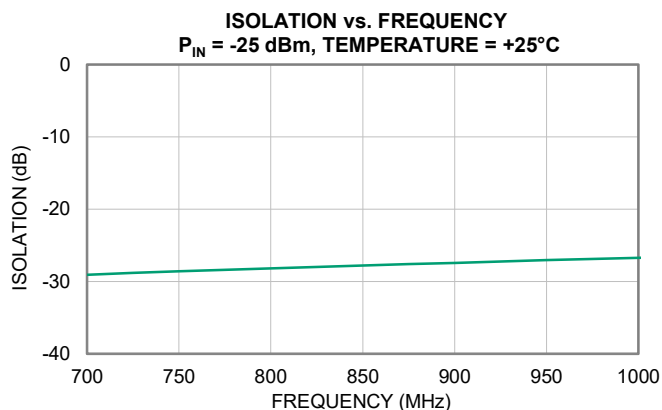
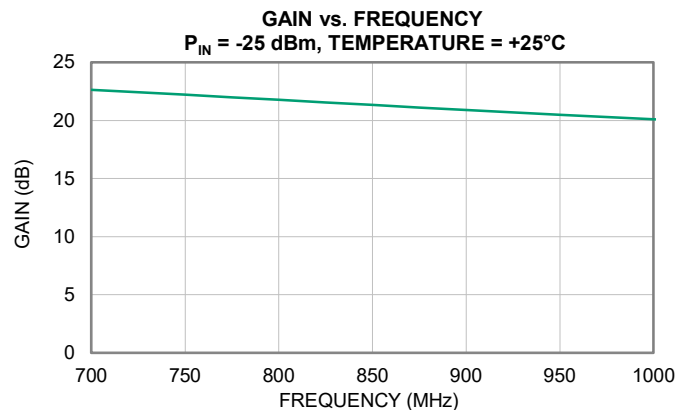
Note: The following data was taken on the Mini-Circuits Characterization Test Board TB-TSS1-23ULNC+ by varying R_{IADJ} (Figure 3). All data taken at nominal condition of $V_{DD} = +5\text{ V}$ and at $V_{SHUTDOWN} = 0\text{ V}$ unless noted otherwise.

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



Typical Performance Curves

Note: The following data was taken on the Mini-Circuits 700-1000 MHz Matched Characterization Test Board (Figure 4). All data taken at nominal condition of $V_{DD} = +5$ V and at $V_{SHUTDOWN} = 0$ V unless noted otherwise.



Typical Performance Curves

Note: The following data was taken on the Mini-Circuits 700-1000 MHz Matched Characterization Test Board (Figure 4). All data taken at nominal condition of $V_{DD} = +5$ V and at $V_{SHUTDOWN} = 0$ V unless noted otherwise.

