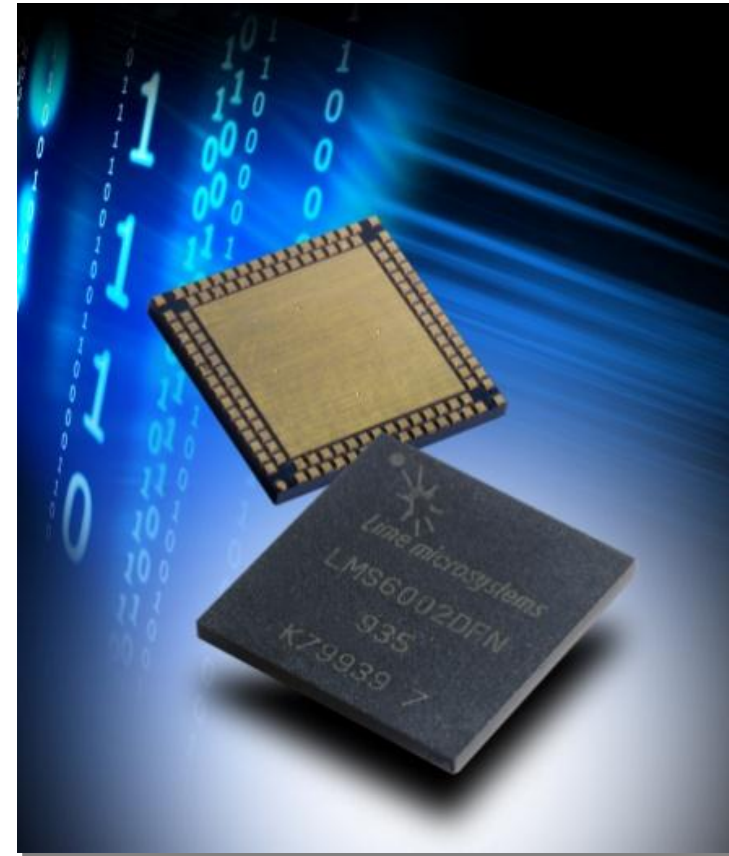


## RF Loopback Frequency Response

Measured on EVB



# RF Loopback Frequency Response

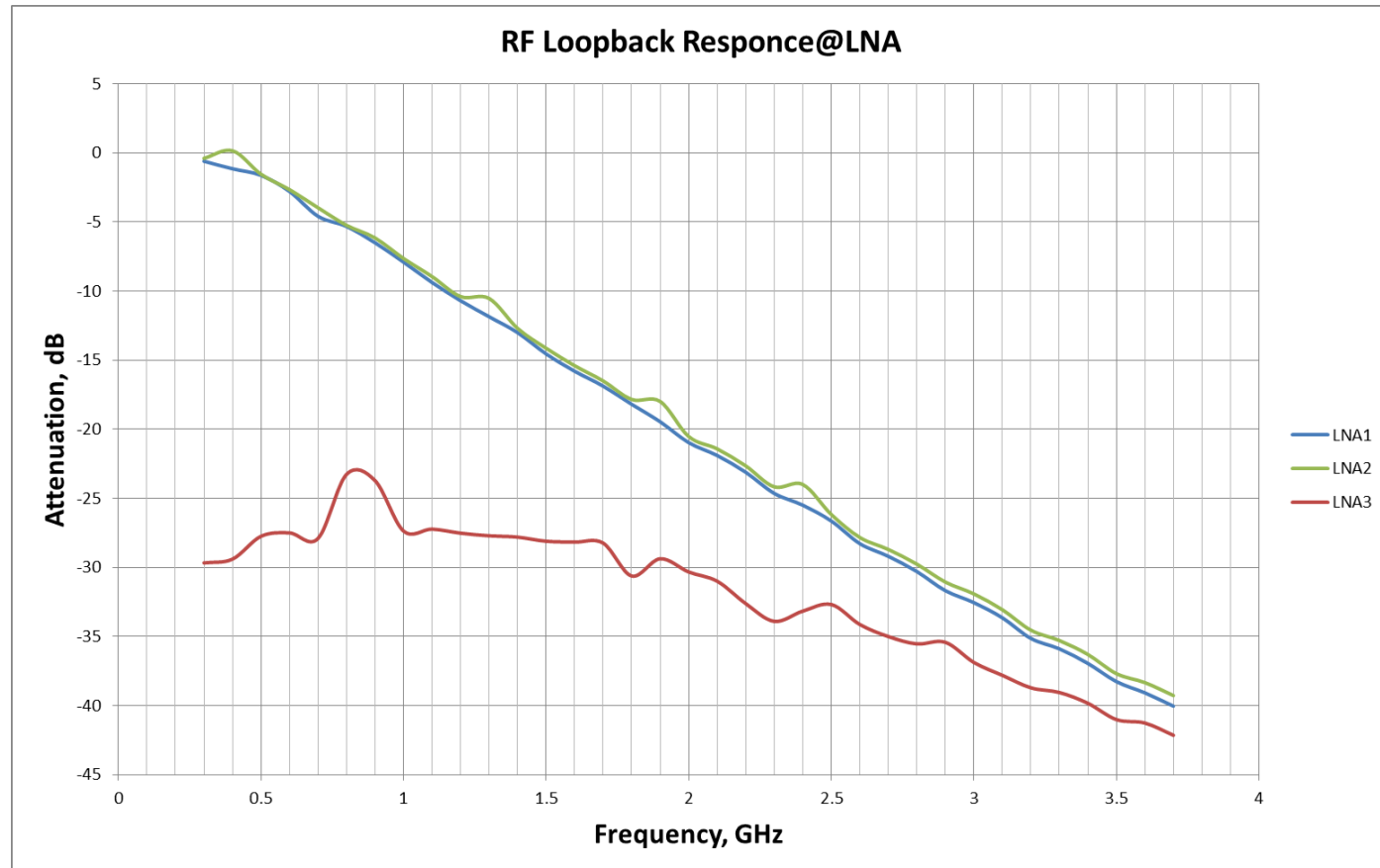
## **Tx setup:**

Frequency 0.3 to 3.8 GHz\*  
 LPF 3.5 MHz  
 Tx VGA1 variable  
 DAC 1 MHz CW

## **Rx setup:**

Frequency 0.3 to 3.8 GHz  
 LPF 3.5 MHz  
 Rx Gain MAX  
 LNA power down  
 Measured with ADC's

Tx PLL set to 1 MHz offset from  
 Rx PLL



# LNA 1 RF Loopback Frequency Response

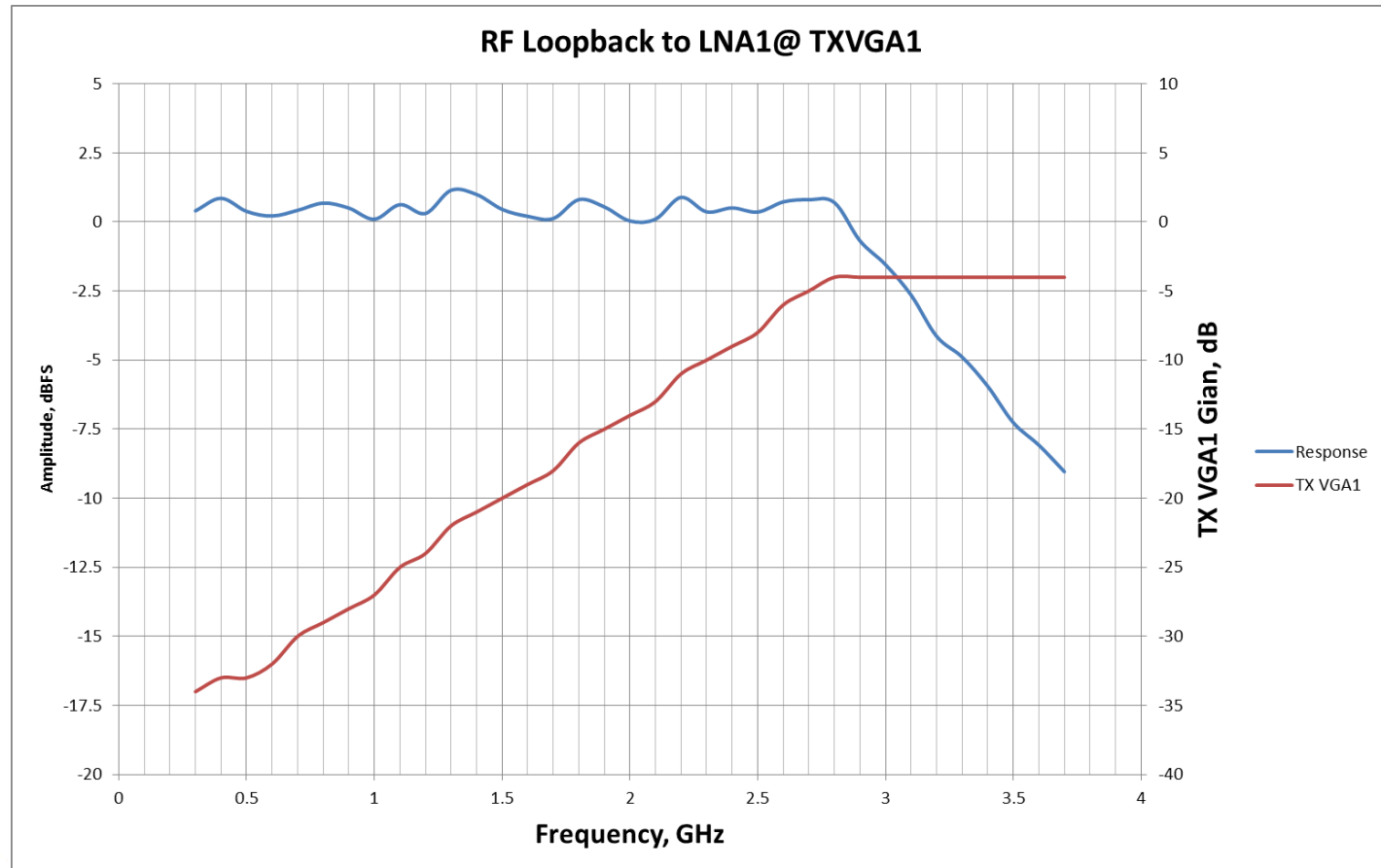
## **Tx setup:**

Frequency 0.3 to 3.8 GHz\*  
 LPF 3.5 MHz  
 Tx VGA1 variable  
 DAC 1 MHz CW

## **Rx setup:**

Frequency 0.3 to 3.8 GHz  
 LPF 3.5 MHz  
 Rx Gain MAX  
 LNA power down  
 Measured with ADC's

Tx PLL set to 1 MHz offset from  
 Rx PLL



# LNA 2 RF Loopback Frequency Response

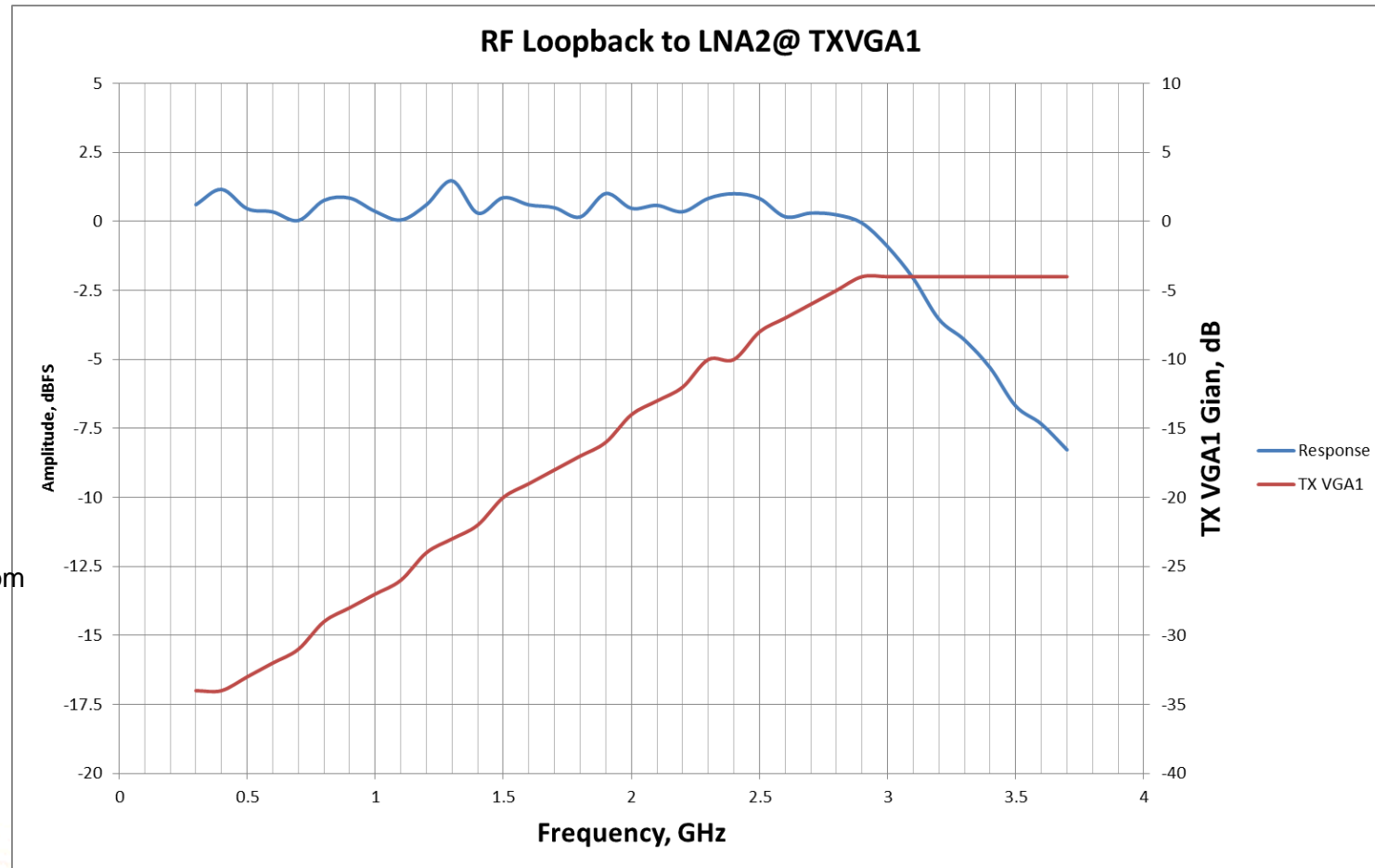
## **Tx setup:**

Frequency 0.3 to 3.8 GHz\*  
 LPF 3.5 MHz  
 Tx VGA1 variable  
 DAC 1 MHz CW

## **Rx setup:**

Frequency 0.3 to 3.8 GHz  
 LPF 3.5 MHz  
 Rx Gain MAX  
 LNA power down  
 Measured with ADC's

Tx PLL set to 1 MHz offset from  
 Rx PLL



# LNA 3 RF Loopback Frequency Response

## **Tx setup:**

Frequency 0.3 to 3.8 GHz\*  
 LPF 3.5 MHz  
 Tx VGA1 variable  
 DAC 1 MHz CW

## **Rx setup:**

Frequency 0.3 to 3.8 GHz  
 LPF 3.5 MHz  
 Rx Gain MAX  
 LNA power down  
 Measured with ADC's

Tx PLL set to 1 MHz offset from  
 Rx PLL

