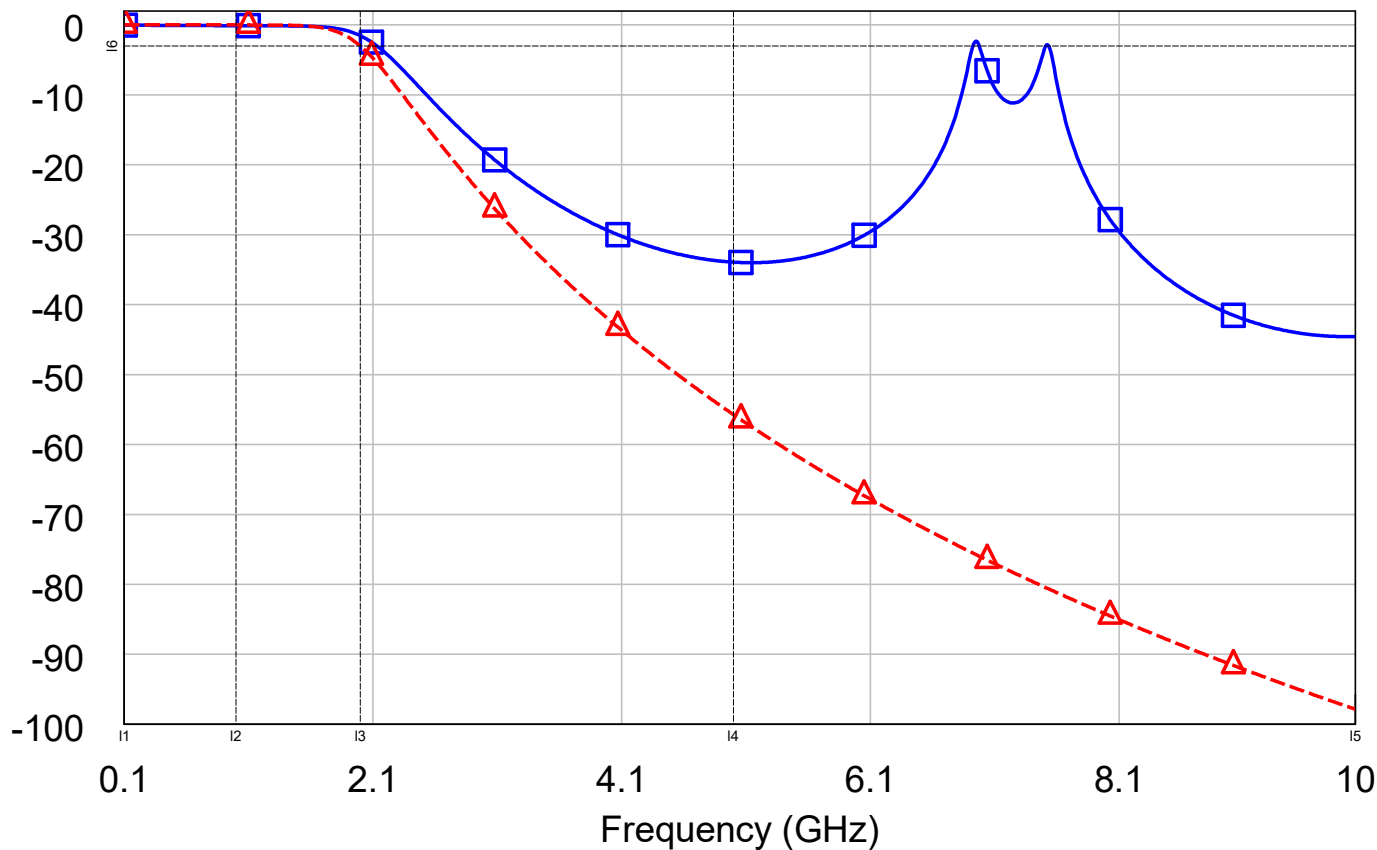


## S21 Response Comparison



△ DB(|S(2,1)|)  
Ideal Filter

□ DB(|S(2,1)|)  
Microstrip Filter

I1: 0.1 GHz  
-4.032e-11 dB  
-0.02065 dB

I2: 1 GHz  
-0.0002612 dB  
-0.1015 dB

I3: 2 GHz  
-3.01 dB  
-1.533 dB

I4: 5 GHz  
-55.72 dB  
-33.92 dB

I5: 10 GHz  
-97.86 dB  
-44.55 dB

I6: -3 dB