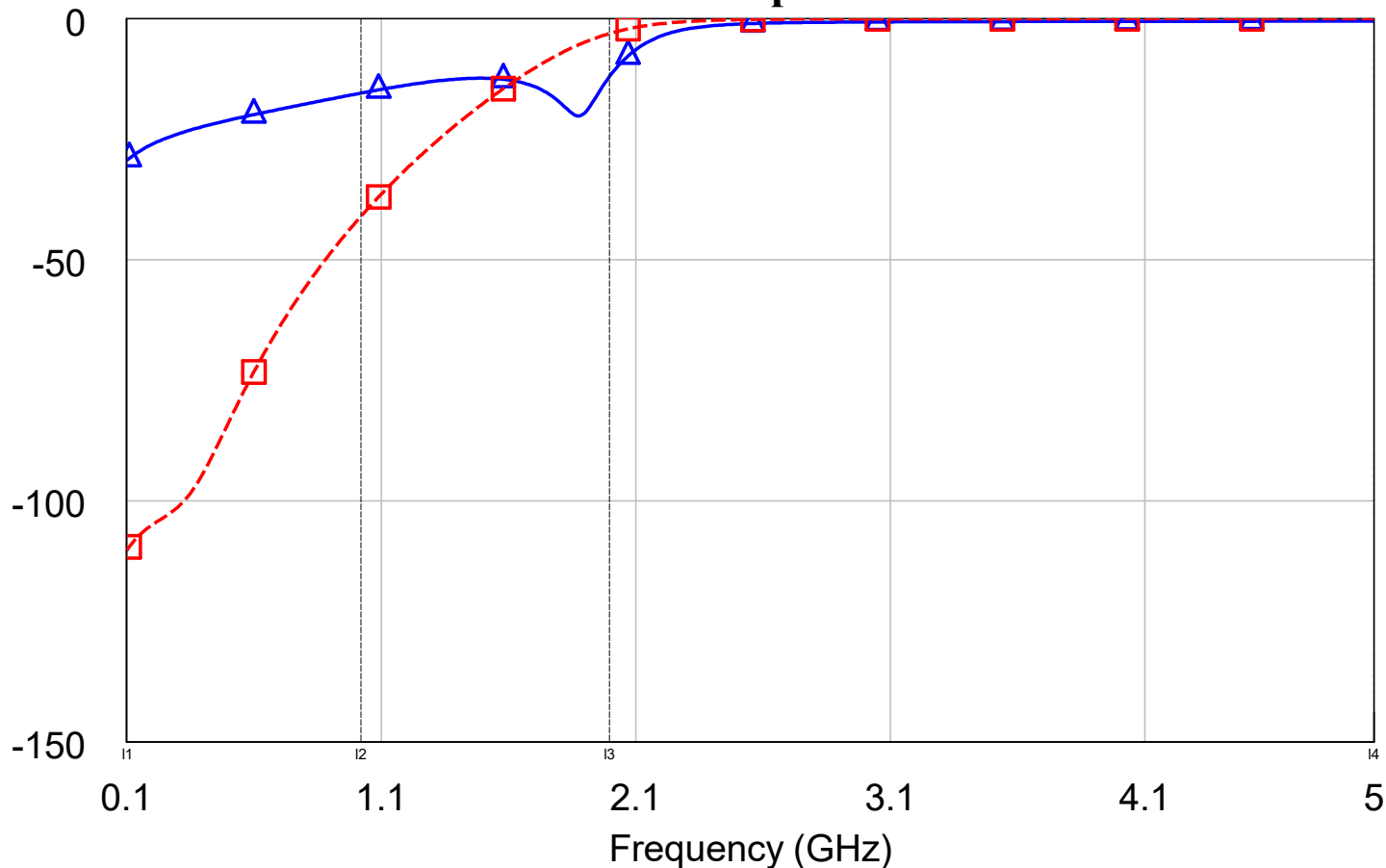


## S11 Response



—□— DB(|S(1,1)|)  
Ideal Filter

—△— DB(|S(1,1)|)  
Real Filter

I1: 0.1 GHz

-110.3 dB

-29.38 dB

I2: 1.02 GHz

-40.99 dB

-15.42 dB

I3: 1.996 GHz

-3.071 dB

-12.04 dB

I4: 4.999 GHz

-1.168e-05 dB

-0.4903 dB