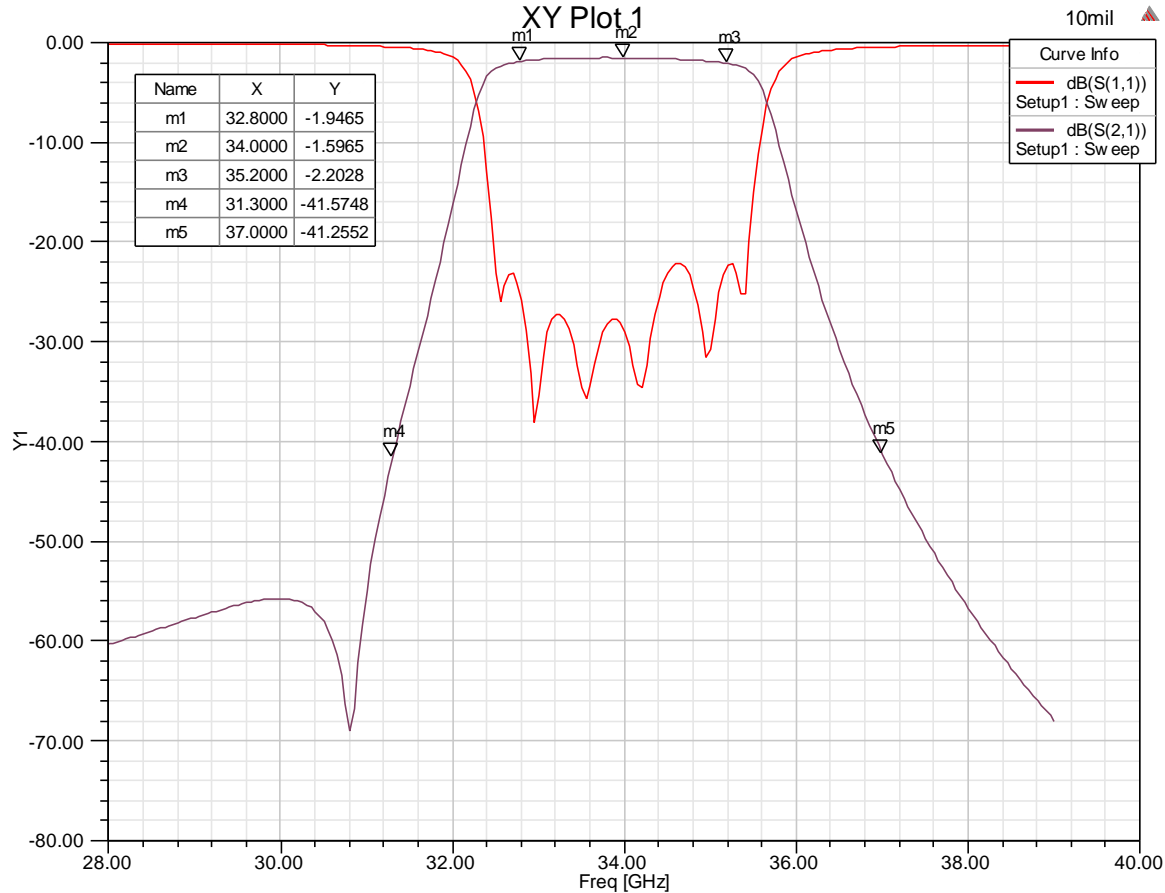


Simulated Data in HFSS

0.360in

0.120 in



Parameters	
Pass-Band Frequency	32.8-35.2 GHz
Insertion Loss	1.6dB @ Fc
Insertion Loss Flatness	<0.7dB
Return Loss	>20dB
40dB Rejection Frequency	31.3 GHz & 37.0 GHz
Material	Alumina er=9.9
Board Thickness	0.010 in
Metallization	TiW/Au 0.2 mil thick
Cavity Above Substrate	0.075 in

- Actual hardware data may be different from the simulated data depending on the material quality, accuracy of the dielectric constant & thickness, metallization type, etching tolerance, housing material, method of substrate attachment to the housing, and any mismatch between the filter and the interface port of the measuring device.