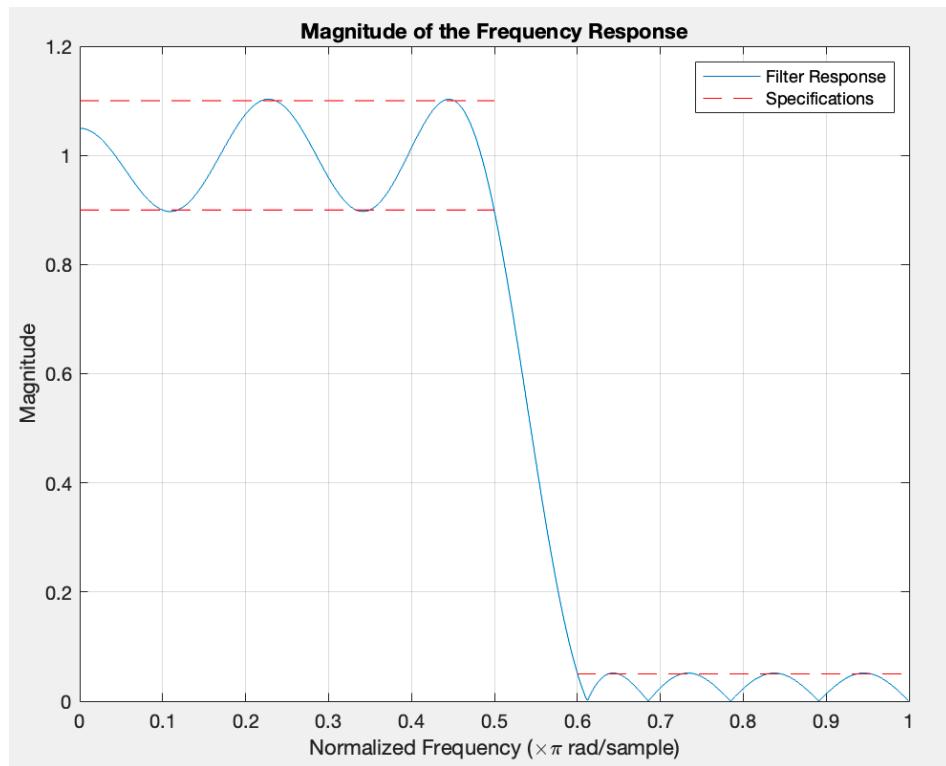


Experiential DSP 06 Solutions

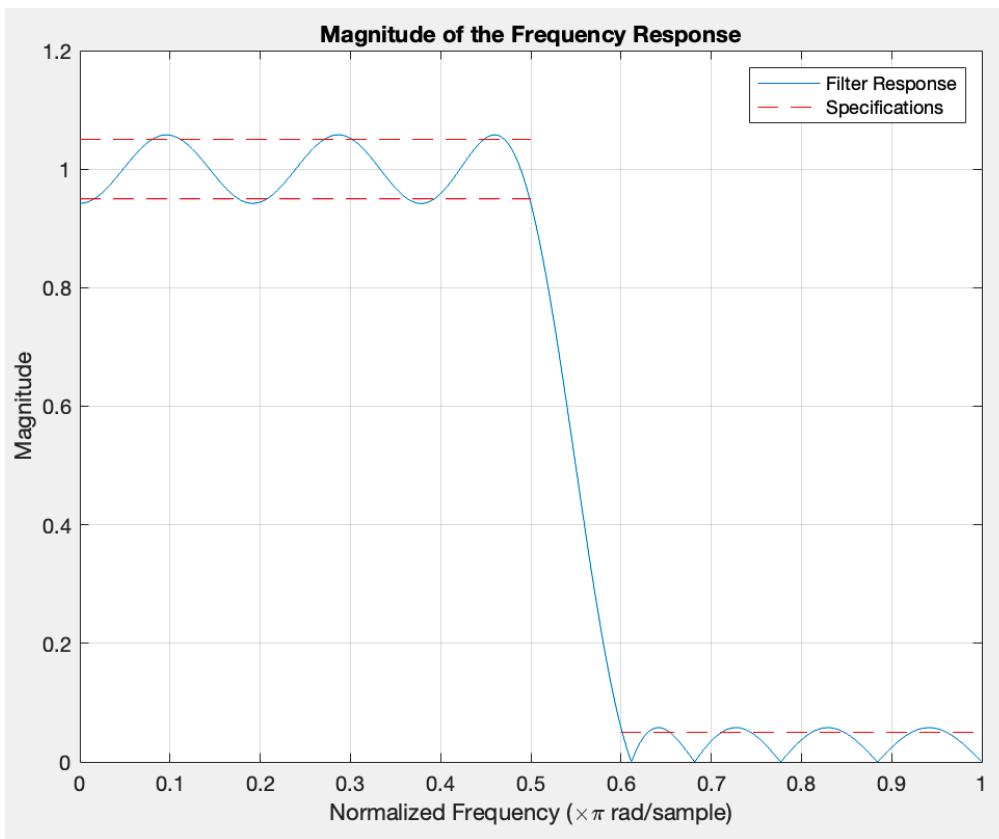
Part A:

The length of the impulse response is: 18



Part B:

The estimated filter order is: 21



The length of the impulse response in part B is more than the length of the impulse response in part A. Because the filter's passband tolerance is stricter.

Part C:

The estimated filter order is: 39

