

# Operational Amplifiers and Linear Integrated Circuits: Theory and Application

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## Addendum: Filter Plots for High Pass Configuration

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These plots are provided to ease work for active filter designs. Instead of using frequency reciprocals with the low pass plots provided in chapter 11 of the text, normalized frequencies may be used directly with these additional plots. It is unlikely that these plots will be added to the text any time soon as the text is already at the maximum page limit for printed copies through the current provider. This document is released under the same conditions as the text; namely a Creative Commons non-commercial, share-alike with attribution license. For the latest editions and revisions of all of my OER works, see [www.mvcc.edu/jfiore](http://www.mvcc.edu/jfiore), [www.dissidents.com](http://www.dissidents.com) or [www.jimfiore.org](http://www.jimfiore.org)

### Butterworth Response - High Pass

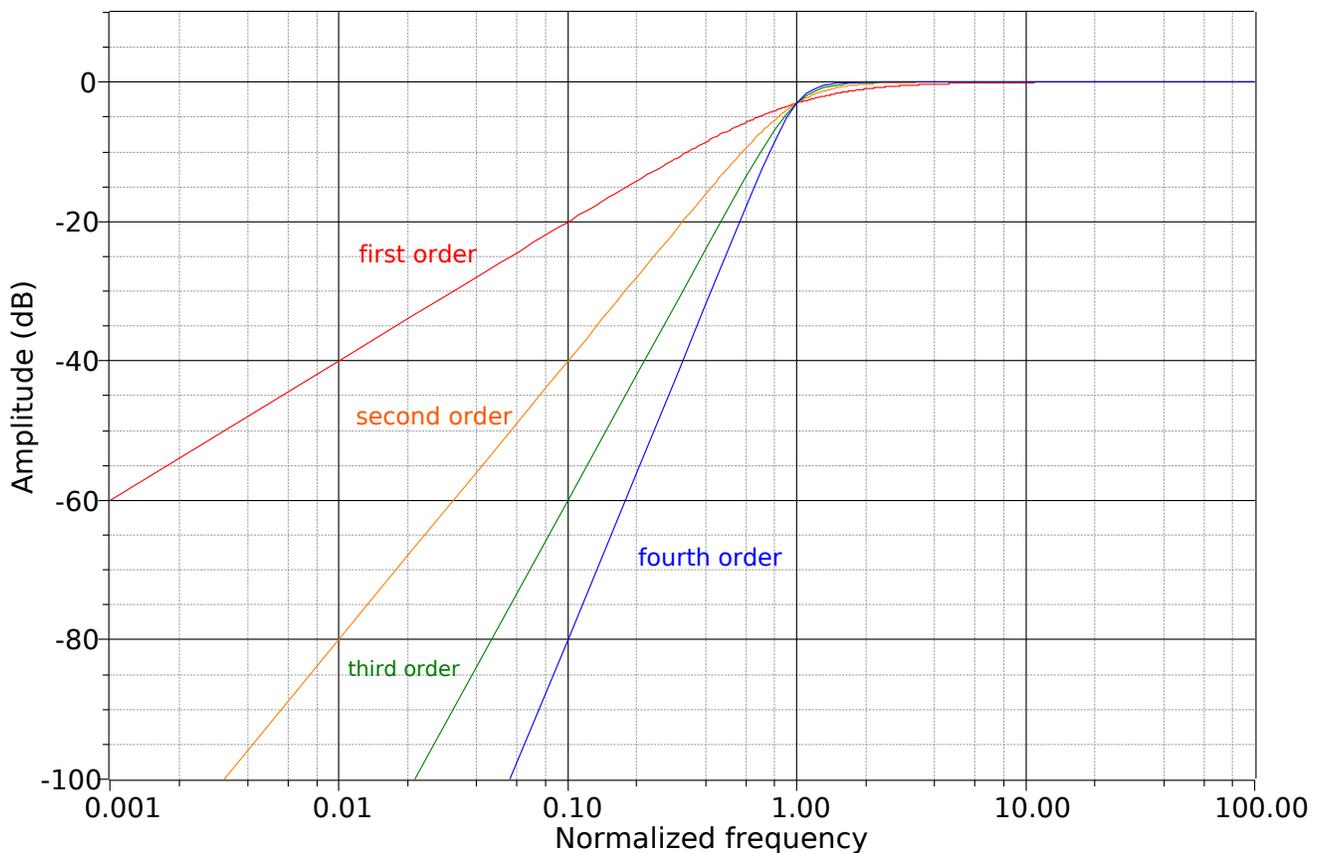
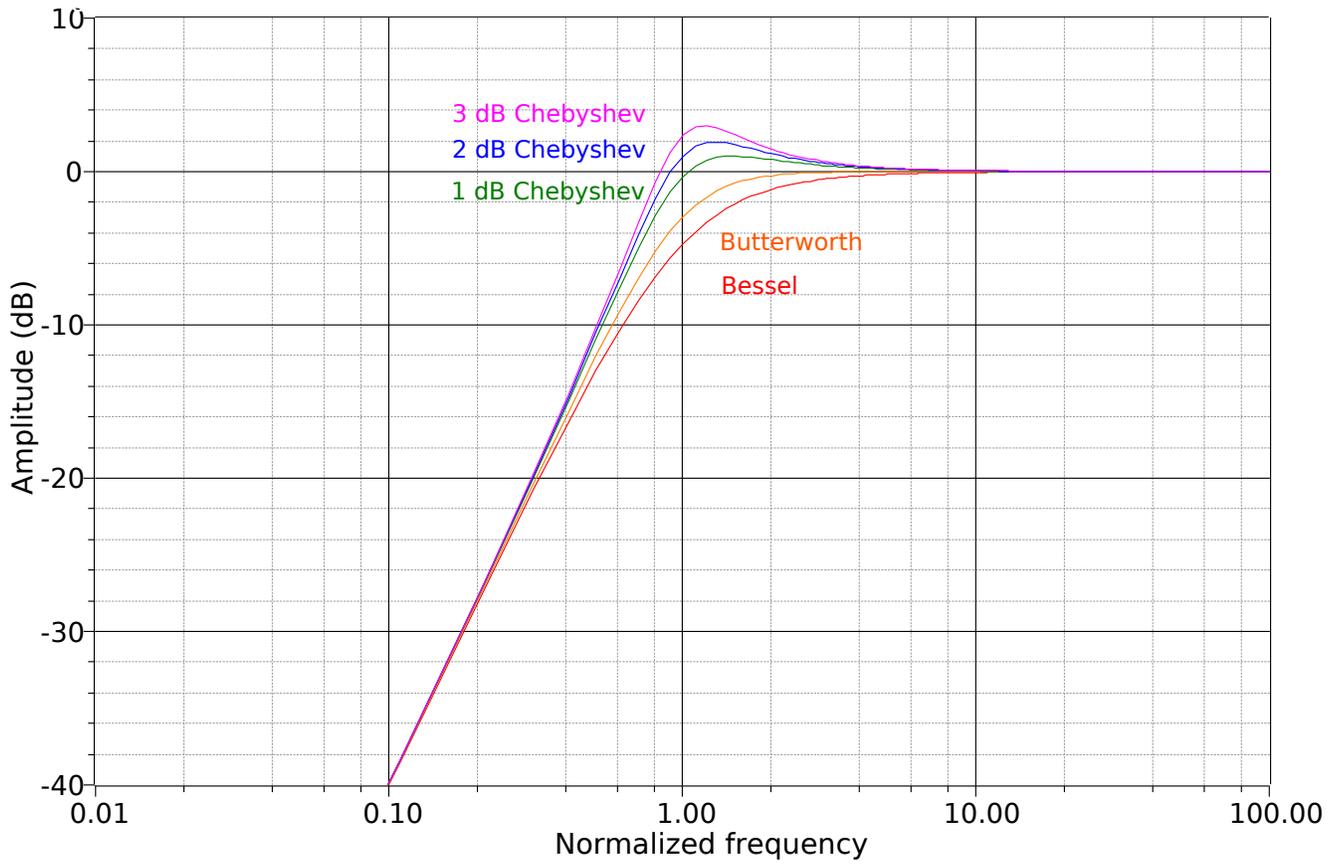


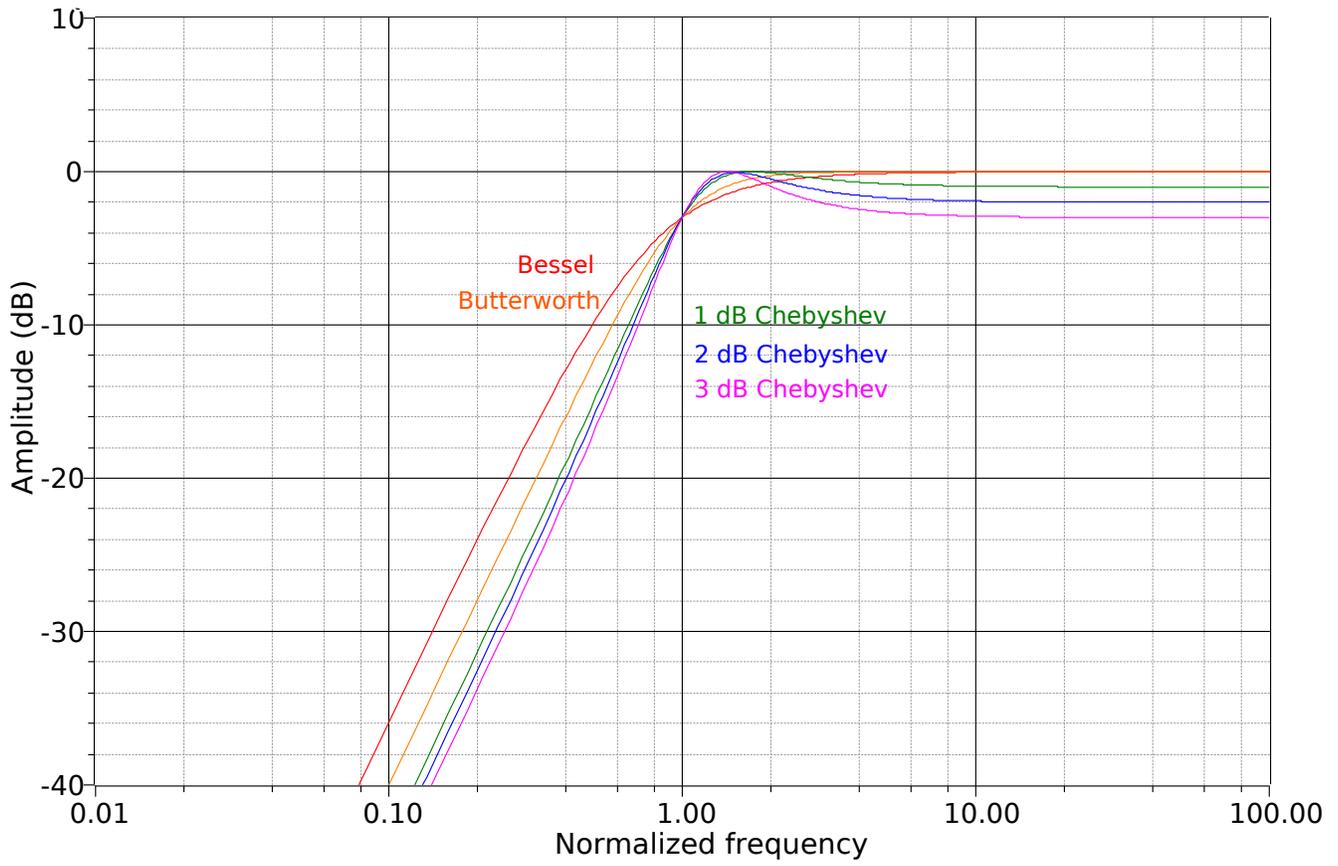
Figure 11.8, high pass version

## Second Order Response - High Pass



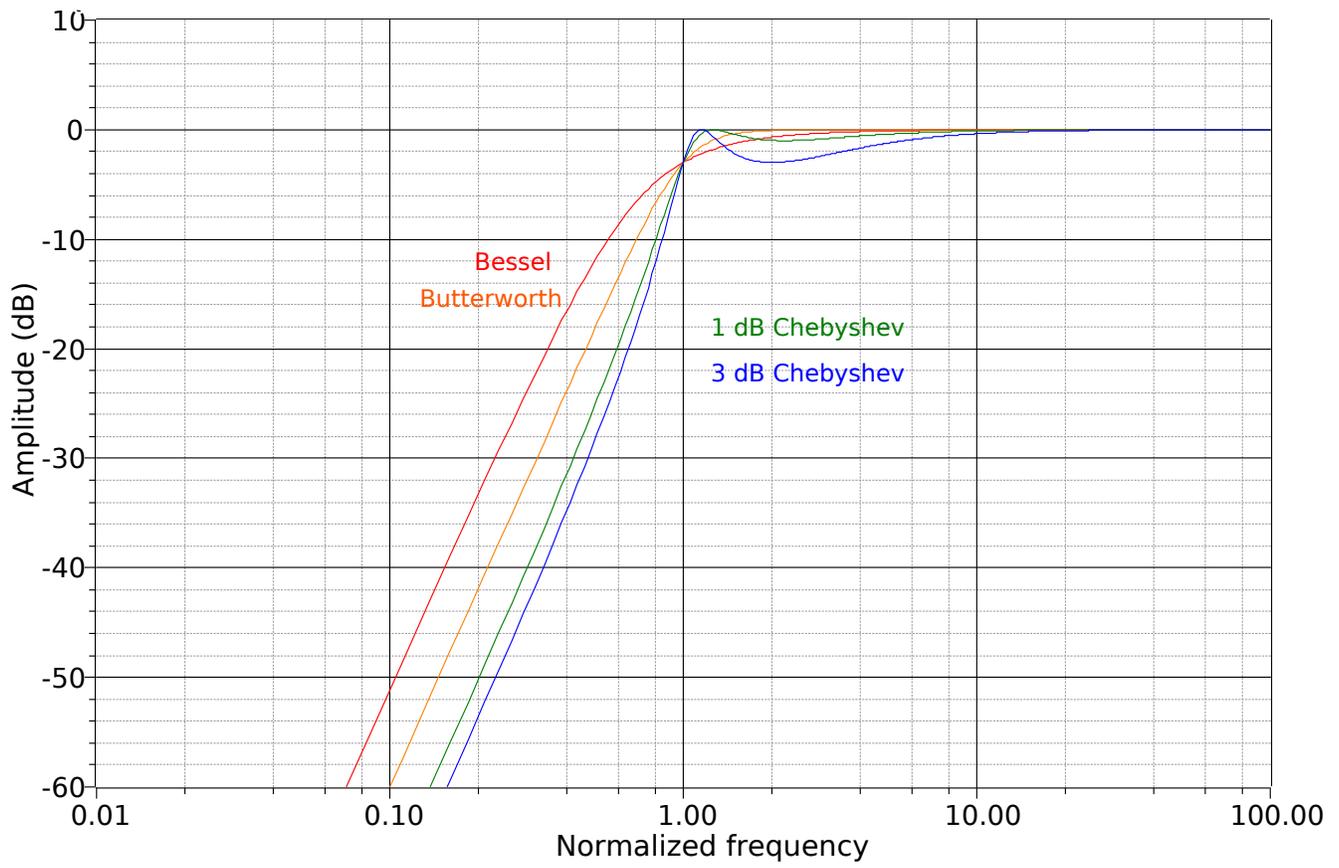
*Figure 11.9a, high pass version*

## Second Order Response (adjusted) - High Pass



*Figure 11.9b, high pass version*

### Third Order Response (adjusted) - High Pass



*Figure 11.29b, high pass version*

### Fourth Order Response (adjusted) - High Pass

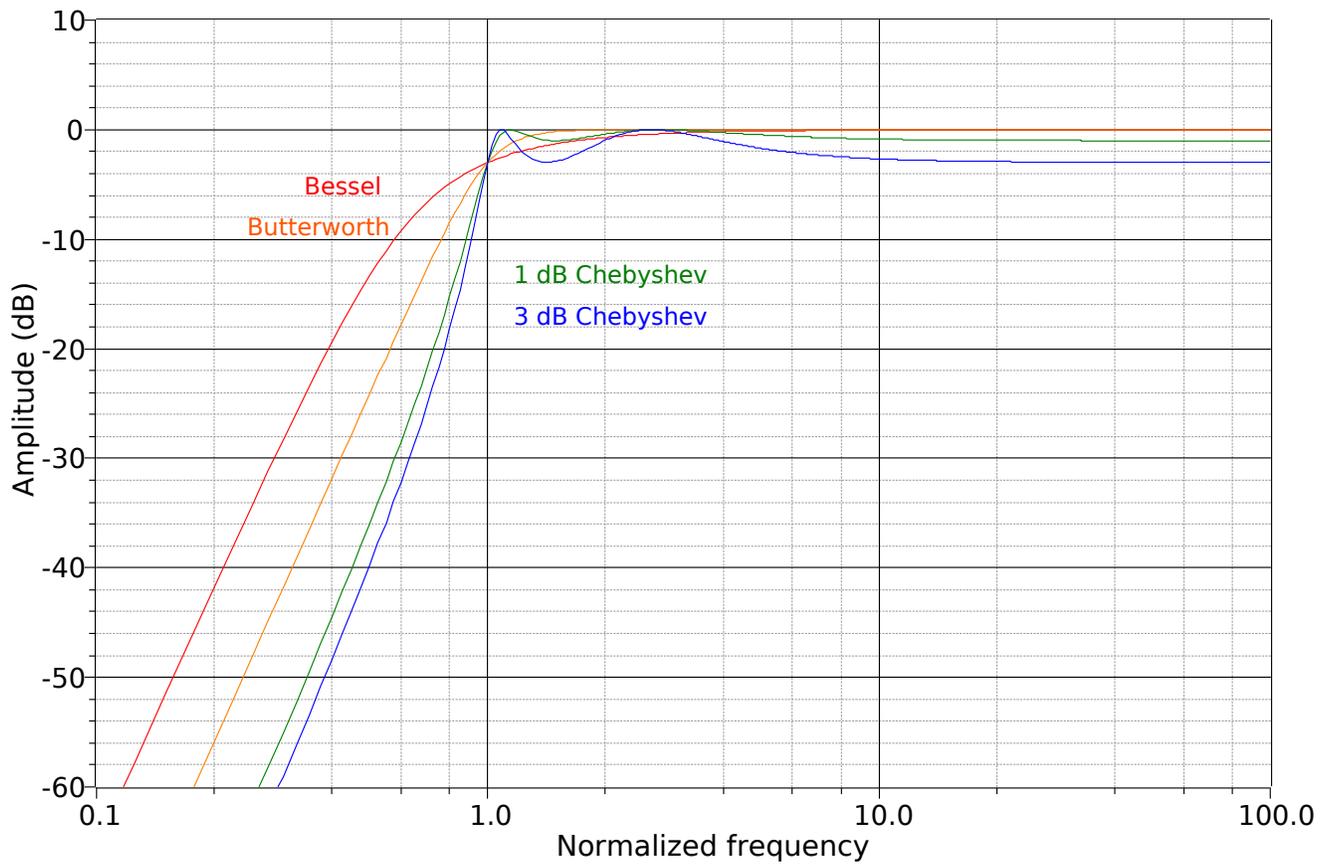


Figure 11.29c, high pass version

### Fifth Order Response (adjusted) - High Pass

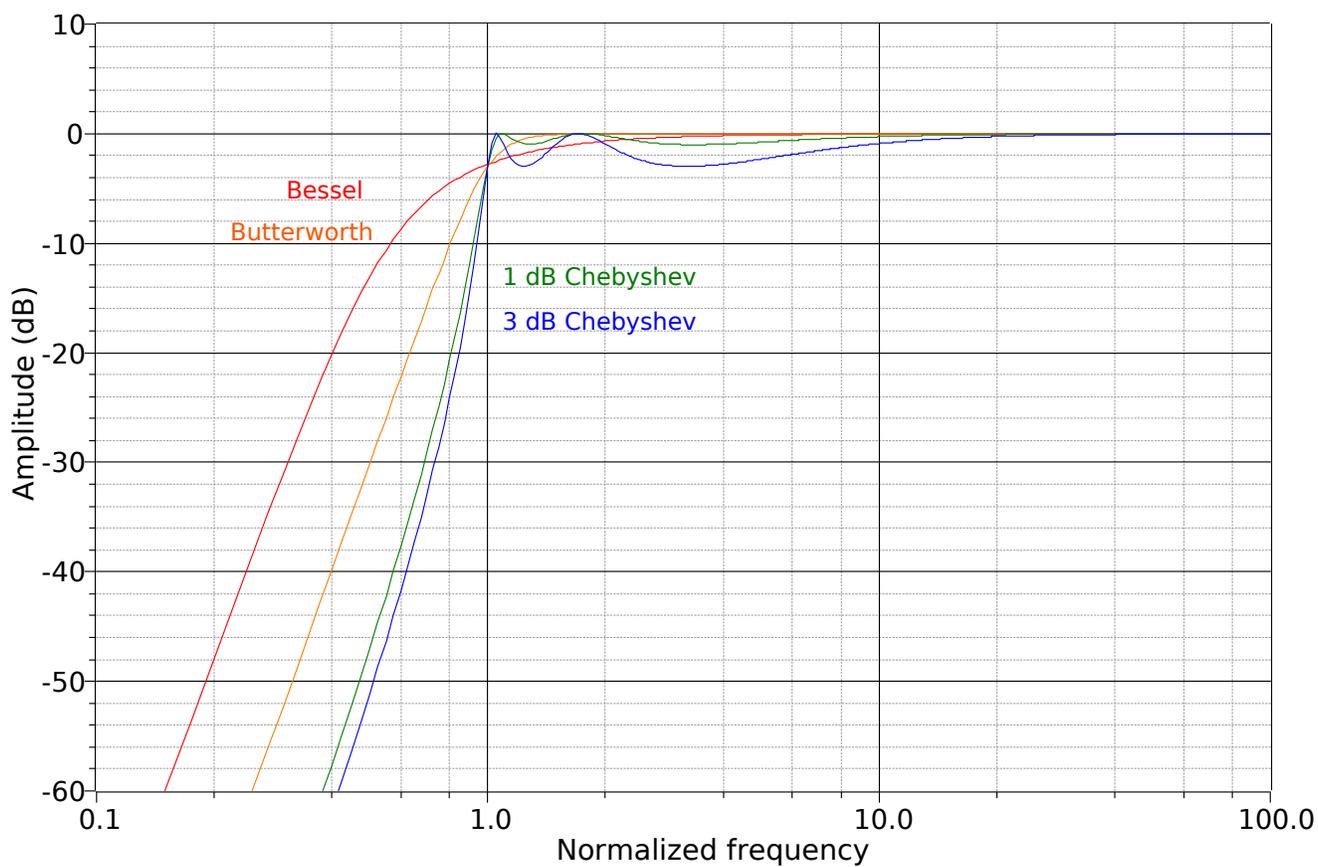


Figure 11.29d, high pass version

### Sixth Order Response (adjusted) - High Pass

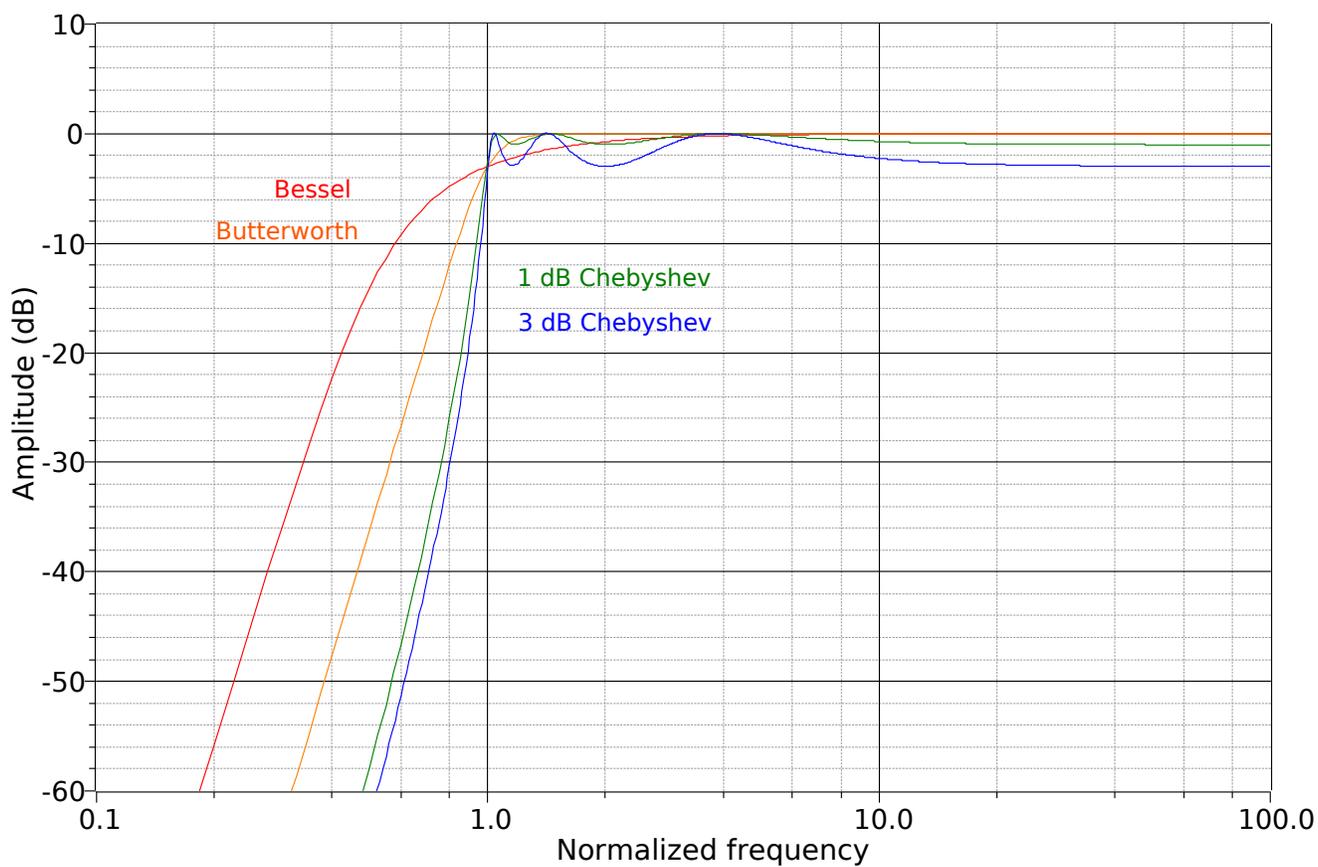


Figure 11.29e, high pass version