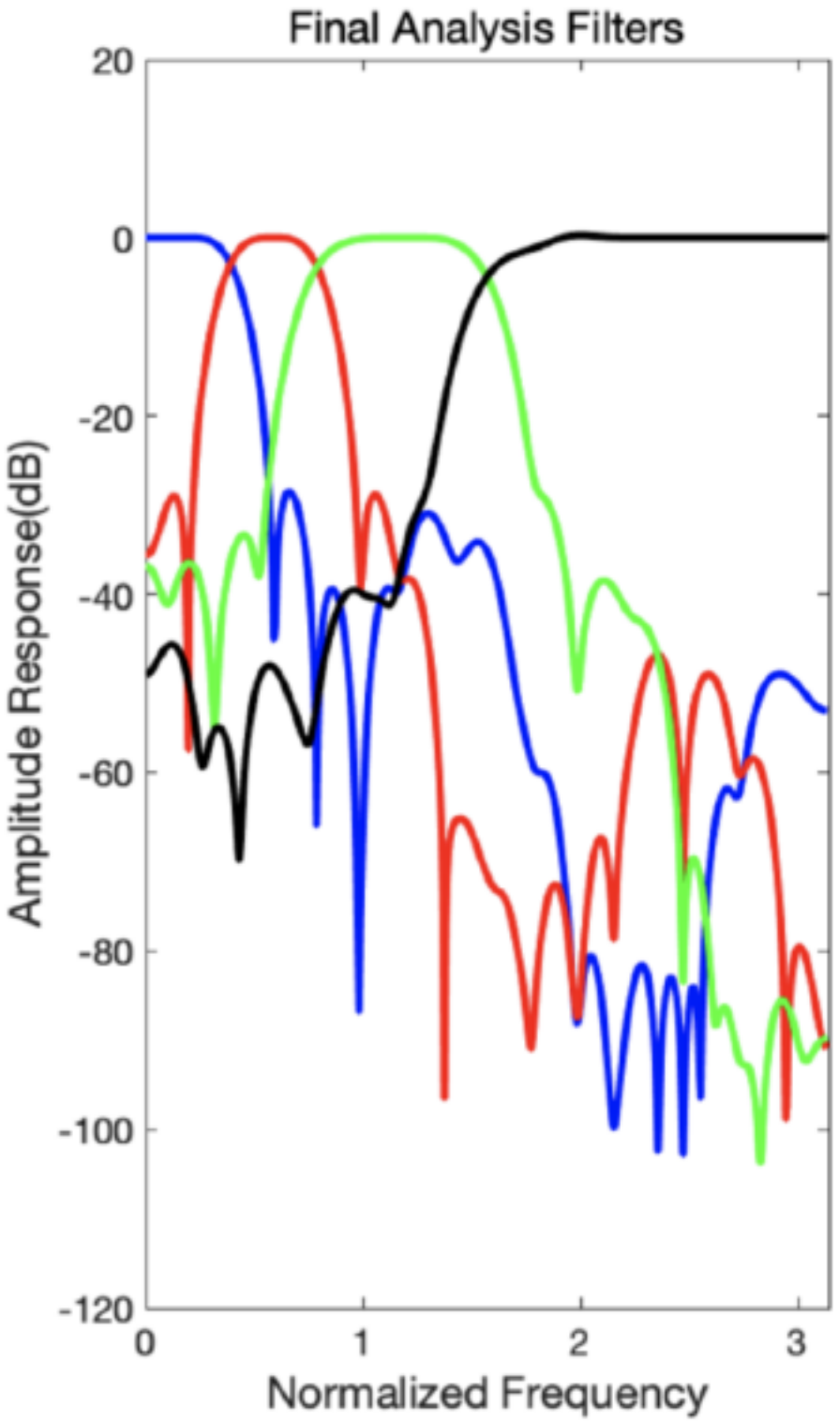
Discussion

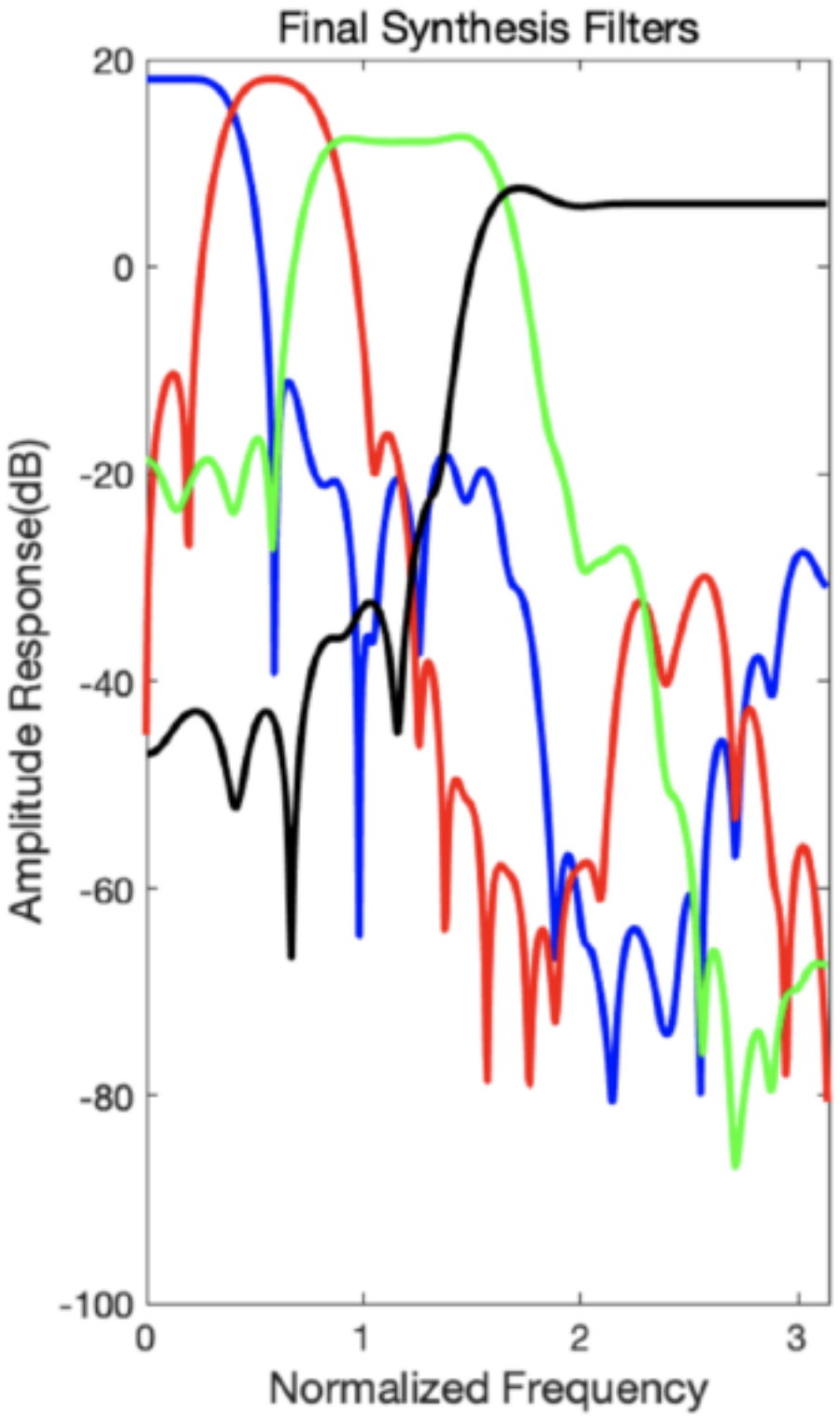
- How about using subband feature in time domain?

- How about non-uniform subband operations?

- How to integrate the advantages of time and frequency modeling?

- Any other good ways to estimate unbounded cIRM?


Final Analysis Filters
Amplitude Response(dB)
Normalized Frequency
20
0
-20
-40
-60
-80
-100
-120
0
1
2
3


Final Synthesis Filters
Amplitude Response(dB)
Normalized Frequency
20
0
-20
-40
-60
-80
-100
0
1
2
3

Discussion

- How about using subband feature in time domain?
- How about non-uniform subband operations?
- How to integrate the advantages of time and frequency modeling?
- Any other good ways to estimate unbounded cIRM?
- …

Speech Enhancement Topics

Overview

1. A real-time low-resource SE model (<50M Flops, <2MB) for 44.1kHz speech.
    - For Lark meetings usage.
    - Main efforts is on bad cases repairments.
2. A speech enhancement model build with weakly labeled data from AudioSet.
    - Only contribute to the experiment parts. But the idea is worth sharing.