

Frequency Component	Filter Type	Cutoff Frequency/Frequencies
100 Hz	Low Pass Filter (LPF)	$f_c = 150 \text{ Hz}$
400 Hz	High Pass Filter (HPF)	$f_c = 350 \text{ Hz}$
100 Hz and 200 Hz	Low Pass Filter (LPF)	$f_c = 250 \text{ Hz}$
200 Hz	Band Pass Filter (BPF)	$f_L = 150 \text{ Hz}, f_H = 250 \text{ Hz}$
300 Hz	Band Pass Filter (BPF)	$f_L = 250 \text{ Hz}, f_H = 350 \text{ Hz}$
300 Hz and 400 Hz	High Pass Filter (HPF)	$f_c = 250 \text{ Hz}$
200 Hz and 300 Hz	Band Pass Filter (BPF)	$f_L = 150 \text{ Hz}, f_H = 350 \text{ Hz}$
200 Hz, 300 Hz, and 400 Hz	High Pass Filter (HPF)	$f_c = 150 \text{ Hz}$
100 Hz and 400 Hz	Band Stop Filter (BSF)	$f_L = 150 \text{ Hz}, f_H = 350 \text{ Hz}$