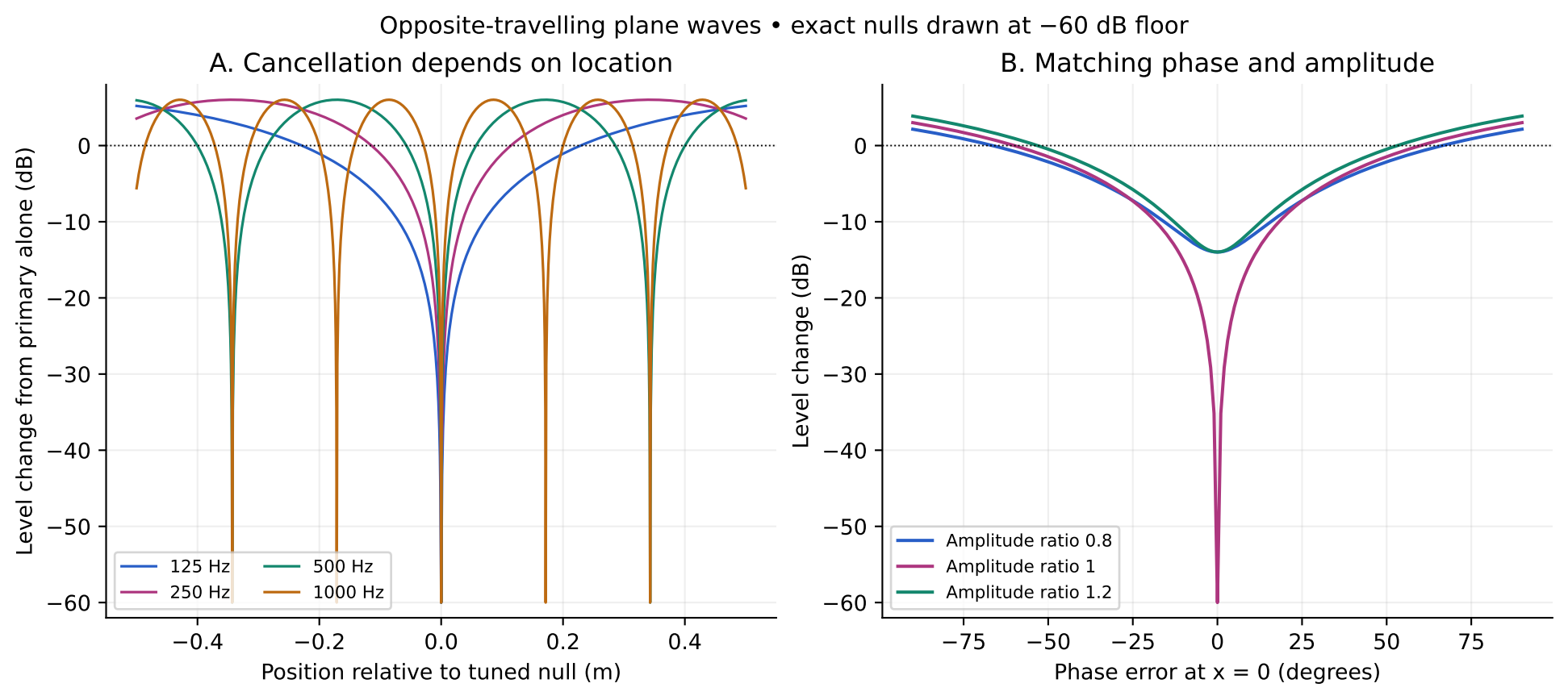

Opposite-travelling plane waves • exact nulls drawn at −60 dB floor
A. Cancellation depends on location
B. Matching phase and amplitude
Level change from primary alone (dB)
Position relative to tuned null (m)
125 Hz
250 Hz
500 Hz
1000 Hz
Level change (dB)
Phase error at x = 0 (degrees)
Amplitude ratio 0.8
Amplitude ratio 1
Amplitude ratio 1.2