

Sonic Doppler effect

Philippe W. Courteille, 05/02/2021

Solution: *No, because within the inertial system moving together with the medium the frequency would actually be shifted up (down) when the medium moves in the direction opposite (parallel) to the vector pointing from the source to observer. But this effect is compensated by the opposite effect upon sound reception by the listener, who hears the frequency lower (higher) when the medium moves in the opposite (parallel) direction.*