Fig. 4. Ergodic capacity of interference-limited dual-hop AF relaying systems in Nakagami-\(m\) fading channels when \(\rho_1 = \rho_2\): Capacity upper bound vs. Capacity approximation.

Fig. 5. Impact of interference power distribution on the ergodic capacity of interference-limited dual-hop AF relaying systems in Nakagami-\(m\) fading channels when \(\rho_2 = 20\)dB.