Parameter	Description
p_a	Probability that each mode attempts for transmission when the medium is sensed idle
q	Parameter for the geometric distribution of the packet size, i.e., $\Pr\{\text{packet length} = \text{i slot}\} = q^{i-1}(1-q)$
$\overline{m}$	Average transmission time, i.e., $\overline{m} = t_{slot}/(1-q)$
DIFS	Distributed interframe spacing
SIFS	Short interframe spacing
EIFS	Extended interframe spacing
ACK	Time required to transmit the ACK
$E(N_c)$	Average number of collisions in a virtual transmission time
$E(T_c)$	Average length of a collision period
E(I)	Average number of consecutive idle slots before a successful transmission or a collision
E(S)	Time required to complete a successful transmission (including all the protocol overheads), i.e., $\mathrm{E(S)} = \overline{m} + SIFS + ACK + DIFS$