

Parameters	Value	Description
N	1000	Number of video contents
L_d	30m	D2D distance threshold
C_d	80	Cache size of D2D transmit users
C_f	100 ~ 500	Cache size of F-APs
B_d	300MHz	Bandwidth of D2D users
B_f	100MHz	Bandwidth of F-APs
P_d	13dBm	Transmit power of D2D transmit user
P_f	23dBm	Transmit power of F-AP
λ_{ru}	6×10^{-5}	Intensity of content require users
λ_{tu}	5×10^{-5}	Intensity of D2D transmit users
λ_f	3×10^{-5}	Intensity of F-APs
λ_g	2×10^{-6}	Intensity of gateways
α	4	Path loss exponent