

Parameter	Value	Notation
<i>PATH_LOSS_EXPONENT</i>	4.7	Rate at which signal decays
<i>SHADOWING_STANDARD_DEVIATION</i>	3.2	Randomness of received signal due to multipath
<i>D0</i>	1.0	Minimum distance allowed between any pair of nodes
<i>PL_D0</i>	55.4	Power decay in dB for the reference distance <i>D0</i>
<i>NOISE_FLOOR</i>	-105.0	Radio noise floor in dBm
<i>S11</i>	0	Variance of noise floor
<i>S22</i>	0	Variance of output power
<i>WHITE_GAUSSIAN_NOISE</i>	4	Standard deviation of additive white gaussian noise
<i>TOPOLOGY</i>	1	Nodes are placed on a square topology
<i>GRID_UNIT</i>	2.0	The internode distance of the grid
<i>NUMBER_OF_NODES</i>	100	Number of nodes in the grid WSNs