

Table 1 Simulation parameters

Basic parameters	3GPP TS 38.101 Clause 5.2.3.1.1 Test 4-1
Modified parameters	No precoding, same information bit payload and binary channel bits for every slot
Data type	Floating point
Channel estimation, synchronization and noise power estimate	Perfect
Equalizer type	LMMSE + low complexity soft demapper
LDPC decoder	Belief propagation with 12 iterations

Table 2 Required SNR (dB) at 70% of the maximum throughput

Modulation schemes and correlation matrix configurations	Low	Medium-A	Medium	High	Simulation duration (10 ms)
QPSK	3.7	18.35	29.75	33.5	100
16QAM	11.7	-	-	-	50
64QAM	16.48	-	-	-	10
256QAM	21.44	-	-	-	10
Note	-				