Parameter	Value
Downlink carrier frequency	945 MHz
Uplink carrier frequency	900 MHz
RB bandwidth	180 kHz
Available bandwidth	25-50 RBs
Number of eNBs	1
eNBs beamwidth	360° (isotropic)
TX power used by eNBs	43 dBm
eNB noise figure	3 dB
LTE scheduler	PF/FF
Number of HT devices	30-35-45-55-60
Number of MT devices	20-60-100-120
HT requested traffic (downlink)	800 kb/s
HT requested traffic (uplink)	400 kb/s
HT packet size	1000 B
MT requested traffic (downlink)	6.4 kb/s
MT requested traffic (uplink)	64 kb/s
MT packet size	800 B
Vehicle speed	5 m/s
Vehicle inter-arrival time	50 ms
Aggregator standard	802.11n
Aggregator carrier frequency	2.4 GHz
Aggregator bandwidth	20 MHz
Aggregator maximum TX power	30 dBm