# Annex B: Evaluations results

## B.1 Link level evaluation results

### B.1.1 Evaluation results for PDSCH/PUSCH

Table B.1.1-1: LLS template: SINR in dB achieving PDSCH/PUSCH BLER of 10% /1%

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Tdoc /Source | MCS | Channel | 120KHz/400MHz | 240KHz/400MHz | 480KHz/400MHz | 960KHz/400MHz | 960KHz/2GHz |
| R1-xxxxxxx / Source 1 | 7 | TDL-A, 5ns | X / Y (X for 10% BLER, Y for 1% BLER) |  |  |  |  |
| TDL-A, 10ns |  |  |  |  |  |
| TDL-A, 20ns |  |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |  |
| CDL-D, 20ns |  |  |  |  |  |
| CDL-D, 30ns |  |  |  |  |  |
| 16 | TDL-A, 5ns |  |  |  |  |  |
| TDL-A, 10ns |  |  |  |  |  |
| TDL-A, 20ns |  |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |  |
| CDL-D, 20ns |  |  |  |  |  |
| CDL-D, 30ns |  |  |  |  |  |
| 22 | TDL-A, 5ns |  |  |  |  |  |
| TDL-A, 10ns |  |  |  |  |  |
| TDL-A, 20ns |  |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |  |
| Additional report/notes:1. CP type
2. antenna configuration for CDL model
3. waveform in case of PUSCH
4. PTRS configuration
5. DMRS configuration
6. any optional or other assumption/parameters used not as in the baseline
 |

### B.1.2 Evaluation results for PSS/SSS

Table B.1.2: LLS template: SINR in dB achieving cell ID detection probability of 90% by one-shot detection from PSS/SSS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tdoc /Source | Channel | 120KHz | 240KHz | 480KHz | 960KHz |
| R1-xxxxxxx / Source 1 | TDL-A, 5ns |  |  |  |  |
| TDL-A, 10ns |  |  |  |  |
| TDL-A, 20ns |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |
| CDL-D, 20ns |  |  |  |  |
| CDL-D, 30ns |  |  |  |  |
| Additional report/notes: 1. frequency offset
2. the number and granularity of the frequency locations
3. antenna configuration for CDL model
4. any optional or other assumption/parameters used not as in the baseline
5. false alarm rate
6. criteria for PSS detection success
 |

### B.1.3 Evaluation results for PRACH

Table B.1.3-1: LLS template: SINR in dB achieving PRACH preamble misdetection probability of 1% and corresponding false alarm probability

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tdoc /Source | Channel | 120KHz | 240KHz | 480KHz | 960KHz |
| R1-xxxxxxx / Source 1 | TDL-A, 5ns | X / Y (X for SINR in dB to reach 1% misdetection, Y for corresponding false alarm probability in % at that SINR) |  |  |  |
| TDL-A, 10ns |  |  |  |  |
| TDL-A, 20ns |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |
| CDL-D, 20ns |  |  |  |  |
| CDL-D, 30ns |  |  |  |  |
| Additional report/notes: 1. PRACH format2. values of $N\_{cs}$3. antenna configuration for CDL model4. any optional or other assumption/parameters used not as in the baseline |

## B.2 System level evaluation results

Table B.2-1: System level evaluation results for scenario

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | Cases | Case 1 |  Case 2 |
| R1-xxxxxxx / Source 1 | Traffic loadMetrics  | Low load10%~25% BO  | Medium load35%~50% BO | High loadabove 55% BO | Low load10%~25% BO  | Medium load35%~50% BO | High loadabove 55% BO |
| DL UPT (Mbps) | 5%ile |  |  |  |  |  |  |
| 50%ile |  |  |  |  |  |  |
| 95%ile |  |  |  |  |  |  |
| mean |  |  |  |  |  |  |
| DL delay (s) | 5%ile |  |  |  |  |  |  |
| 50%ile |  |  |  |  |  |  |
| 95%ile |  |  |  |  |  |  |
| mean |  |  |  |  |  |  |
| UL UPT (Mbps) | 5%ile |  |  |  |  |  |  |
| 50%ile |  |  |  |  |  |  |
| 95%ile |  |  |  |  |  |  |
| mean |  |  |  |  |  |  |
| UL delay (s) | 5%ile |  |  |  |  |  |  |
| 50%ile |  |  |  |  |  |  |
| 95%ile |  |  |  |  |  |  |
| mean |  |  |  |  |  |  |
| Arrival rate (files/s) |  |  |  |  |  |  |
| 𝜌DL |  |  |  |  |  |  |
| 𝜌UL |  |  |  |  |  |  |
| BO |  |  |  |  |  |  |
| Additional report/notes:1. LBT procedure and parameters2. any assumptions/parameters used not as in the agreed baseline3. Details of case: e.g., single or two operators; no-LBT, omni-directional LBT, directional LBT schemes etc.4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluation |