# 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 BLER of 10%

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Tdoc /  Source | MCS | Channel | 120KHz /400MHz | 240KHz /400MHz | 480KHz /400MHz | 960KHz /400MHz | 960KHz /2GHz |
| R1-xxxxxxx / Source 1 | 7 | TDL-A, 5ns |  | 4.4 | 3.6 |  | 2.6 |
| TDL-A, 10ns |  |  |  |  |  |
| TDL-A, 20ns |  |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |  |
| CDL-D, 20ns |  |  |  |  |  |
| CDL-D, 30ns |  |  |  |  |  |
| 16 | TDL-A, 5ns |  | 12.0 | 11.2 |  | 10.5 |
| TDL-A, 10ns |  |  |  |  |  |
| TDL-A, 20ns |  |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |  |
| CDL-D, 20ns |  |  |  |  |  |
| CDL-D, 30ns |  |  |  |  |  |
| 22 | TDL-A, 5ns |  | N/A | 19.1 |  | 17.1 |
| TDL-A, 10ns |  |  |  |  |  |
| TDL-A, 20ns |  |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |  |
| CDL-B, 20ns |  |  |  |  |  |
| CDL-B, 50ns |  |  |  |  |  |
| Additional report/notes:   1. Realistic CPE compensation and CE 2. PT-RS config K = 2, L = 1 | | | | | | |

## B.2 System level evaluation results

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tdoc /  Source | Cases | | Case 1  No-LBT | | | Case 2  Omni-LBT | | |
| R1-xxxxxxx / Source 1 | Traffic load  Metrics | | Low load | Medium load | High load | Low load | Medium load | High load |
| DL UPT (Mbps) | 5%ile | 12.3 | 13.13 | 4.9 | 12.2 | 13.6 | 5.0 |
| 50%ile | 23.4 | 21.7 | 8.0 | 20.1 | 21.8 | 7.5 |
| 95%ile | 34.1 | 30.1 | 12.9 | 32.6 | 30 | 12.9 |
| mean | 23.1 | 21.7 | 8.28 | 22.3 | 21.8 | 8.0 |
| DL delay (ms) | 5%ile | 0.23 | 0.25 | 0.18 | 0.23 | 0.25 | 0.18 |
| 50%ile | 0.32 | 0.31 | 0.2 | 0.33 | 0.31 | 0.2 |
| 95%ile | 0.44 | 0.35 | 0.24 | 0.44 | 0.36 | 0.24 |
| mean | 0.33 | 0.3 | 0.2 | 0.34 | 0.31 | 0.2 |
| UL UPT (Mbps) | 5%ile | 6.7 | 5.8 | 2.8 | 6.4 | 3.9 | 2.8 |
| 50%ile | 7.3 | 6.5 | 3.3 | 6.8 | 7.1 | 3.3 |
| 95%ile | 8.0 | 7.4 | 5.1 | 7.3 | 7.4 | 5.1 |
| mean | 7.3 | 6.6 | 3.5 | 6.9 | 6.2 | 3.5 |
| UL delay (ms) | 5%ile | 0.25 | 0.26 | 0.2 | 0.25 | 0.24 | 0.21 |
| 50%ile | 0.27 | 0.26 | 0.25 | 0.27 | 0.27 | 0.25 |
| 95%ile | 0.28 | 0.27 | 0.28 | 0.28 | 0.3 | 0.28 |
| mean | 0.27 | 0.26 | 0.25 | 0.27 | 0.27 | 0.25 |
| Arrival rate (files/s) | | 200 DL/UL | 1250 DL/500 UL | 1400 DL/667 UL | 200 DL/UL | 1250 DL/500 UL | 1400 DL/667 UL |
| BO(%) | | 12 | 43 | 71.7 |  |  |  |
| Additional report/notes:   1. SCS = 480 kHz, BW = 400 MHz. file size = 0.5 MB 2. LBT Procedures: No-LBT, Omni-LBT with -47 dBm ED 3. All channels (gNB-UE, gNB-gNB, UE-UE) InH-Open office. | | | | | | | |