# Annex B: Evaluations results

## B.1 Link level evaluation results

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

Table 1: SNR in dB achieving PDSCH BLER of 10% or 1% with ICI Compensation

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Tdoc /Source | MCS | Channel | 120KHz/400MHz | 240KHz/400MHz | 480KHz/400MHz | 960KHz/400MHz | 960KHz/2GHz |
| R1-2007549 / Futurewei | 7 | TDL-A, 5ns |  1.5 / 4.1 |  1.6 / 4.3 |  1.6 / 4.0 |  1.5 / 4.0 |  -/- |
| TDL-A, 10ns |  1.0 / 3.2 |  1.0 / 3.2 |  1.2 / 3.4 |  1.2 / 3.3 | -/- |
| TDL-A, 20ns |  0.4 / 2.1 |  0.5 / 2.2 |  1.0 / 1.6 |  1.0 / 1.6 |  -/- |
| CDL-B, 20ns | -/- | -/-  | -/-  | -/-  | -/-  |
| CDL-B, 50ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| CDL-D, 20ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| CDL-D, 30ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| 16 | TDL-A, 5ns | 10.0/12.2 | 9.9/12.1 | 9.8/12.1 | 9.5/11.9 | -/-  |
| TDL-A, 10ns | 9.4/11.6 | 9.3/11.6 | 9.3/11.7 | 9.3/11.7 | -/-  |
| TDL-A, 20ns | 9.0/10.8 | 9.1/10.5 | 9.5/11.5 | 10.2/13.2 | 10.2/12.4 |
| TDL-A, 40ns | 8.7/10.0 | 9.5/11.1 | 10.7/12.6 | 9.4/11.0ECP | -/- |
| CDL-B, 20ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| CDL-B, 50ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| CDL-D, 20ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| CDL-D, 30ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| 22 | TDL-A, 5ns | 16.2/19.0 | 15.8/18.1 | 15.5/17.8 | 16.0/19.3 | -/-  |
| TDL-A, 10ns | 15.7/17.9 | 15.2/17.5 | 15.3/18.2 | 15.5/18.2 | 14.7/15.9 |
| TDL-A, 20ns | 14.6/16.3 | 14.5/16.5 | 14.7/16.7 | 15.2/16.6 ECP | -/-  |
| TDL-A, 40ns | 15.0/16.7 | 15.5/17.9 | 15.3/17.1ECP | 15.3/17.1 ECP | -/-  |
| CDL-B, 20ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| CDL-B, 50ns | -9.8/-8.4 | -10/-8.6  | -9.4/-7.9  | -9.5/-8.1 ECP | -/-   |
| CDL-D, 20ns | -/-  | -/-  | -/-  | -/-  | -/-  |
| CDL-D, 30ns | -20.3/-19.0 | -20.5/-19.7  | -20.6/-19.8  |  -19.8/-18.6 | -/-   |
| Additional report/notes:1. CP type: Normal, Extended (ECP)
2. Antenna configuration for TDL-A model 2x2
3. Antenna configuration for CDL model

Configuration 2:- (Mg,Ng,M,N,P) = (1,1,4,8,2) BS with (0.5 dv, 0.5 dH)- (Mg,Ng,M,N,P) = (1,1,2,2,2) UE with (0.5 dv, 0.5 dH)1. Realistic channel estimation
2. Waveform in case of PUSCH N/A
3. PTRS configuration: (K = 2, L = 1)
4. DMRS configuration: 2 Symbols per slot
5. *ICI Compensation with {1,3,5,7} FD filter taps for {960 kHz, 480kHz, 240 kHz, 120 kHz} SCS*

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