# 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% /1%（with PN & CPE compensation）

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tdoc /Source | MCS | Channel | 120KHz/400MHz | 240KHz/400MHz | 480KHz/400MHz | 960KHz/400MHz |
| R1-2007967/ ZTE, Sanechips | 7 | TDL-A, 5ns | 7.5/13.4 | 7.1/13.5 | 6.7/12.5 | 6.6/12 |
| TDL-A, 10ns | 5.2/11.4 | 5.0/10.9 | 5.6/10.0 | 5.5/9.6 |
| TDL-A, 20ns | 5.8/9.7 | 4.8/10.6 | 4.6/10.2 | 4.5/10.2 |
| CDL-B, 20ns | 8.2/10.6 | 8.0/10.3 | 7.7/9.5 | 7.7/9.4 |
| CDL-B, 50ns | 8.0/10.7 | 7.8/10.5 | 7.7/10.3 | 7.6/9.5 |
| 16 | TDL-A, 5ns | 17.1/28.8 | 14.6/23.5 | 14.8/22.3 | 14.7/21.7 |
| TDL-A, 10ns | 17.2/- | 14.8/23.5 | 15.5/23.1 | 15.5/22.6 |
| TDL-A, 20ns | 18.8/- | 16.1/26.1 | 16.4/24.9 | 16.4/24.6 |
| CDL-B, 20ns | 17.9/22.4 | 16.2/19.2 | 16.3/18.5 | 16.8/19.0 |
| CDL-B, 50ns | 17.6/21.4 | 16.3/18.4 | 16.6/18.8 | 16.8/18.9 |
| 22 | TDL-A, 5ns | -/- | -/- | 21.6/30.2 | 20.4/27.4 |
| TDL-A, 10ns | -/- | -/- | 22.5/32.2 | 21.0/28.5 |
| TDL-A, 20ns | -/- | 31.1/- | 24.2/- | 22.7/31.7 |
| CDL-B, 20ns | -/- | 25.8/- | 21.9/25.3 | 21.1/23.5 |
| CDL-B, 50ns | -/- | 25.0/30.7 | 22.1/24.8 | 21.9/23.9 |
| Additional report/notes:1. CP type: Normal CP
2. antenna configuration for CDL model: Config.1
3. waveform in case of PUSCH: CP-OFDM
4. PTRS configuration: (K=2,L=1)
5. DMRS configuration: 2 DMRS (2,11)
6. any optional or other assumption/parameters used not as in the baseline:

Actual transmission RB number is 8/4/2/1 for SCS 120kHz/240kHz/480kHz/960kHz |

Table B.1.1-2: LLS template: SINR in dB achieving PDSCH BLER of 10% /1%（without PN）

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tdoc /Source | MCS | Channel | 120KHz/400MHz | 240KHz/400MHz | 480KHz/400MHz | 960KHz/400MHz |
| R1-2007967/ ZTE, Sanechips | 7 | CDL-B, 20ns | 7.7/9.2 | 7.4/9.0 | 7.4/9.0 | 7.4/9.0 |
| 16 | TDL-A, 5ns | 12.0/16.6 | 11.5/16.4 | 11.6/16.1 | 11.6/16.3 |
| CDL-B, 20ns | 14.5/15.7 | 14.4/15.7 | 14.3/15.6 | 14.3/15.6 |
| 22 | TDL-A, 5ns | 16.4/21.0 | 16.2/20.8 | 16.1/21.0 | 16.3/21.1 |
| CDL-B, 20ns | 18.4/20.2 | 18.2/19.5 | 18.2/19.5 | 18.2/19.5 |
| Additional report/notes:1. CP type: Normal CP
2. antenna configuration for CDL model: Config.1
3. waveform in case of PUSCH: CP-OFDM
4. PTRS configuration: (K=2,L=1)
5. DMRS configuration: 2 DMRS (2,11)
6. any optional or other assumption/parameters used not as in the baseline:

Actual transmission RB number is 8/4/2/1 for SCS 120kHz/240kHz/480kHz/960kHzNote: This table is for calibration only. |

### B.1.2 Evaluation results for PRACH

Table B.1.2-1: LLS template: SINR in dB achieving PRACH preamble misdetection probability of 1% and corresponding false alarm probability

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tdoc /Source | Channel | 120KHz | 240KHz | 480KHz | 960KHz |
| R1-2007967/ ZTE, Sanechips | TDL-A, 5ns | -3.9/≤0.1% | -4.9/≤0.1% | -5.4/≤0.1% | -5.4/≤0.1% |
| TDL-A, 10ns | -5.0/≤0.1% | -5.2/≤0.1% | -5.2/≤0.1% | -5.0/≤0.1% |
| TDL-A, 20ns | -5.3/≤0.1% | -5.3/≤0.1% | -5.0/≤0.1% | -5.1/≤0.1% |
| Additional report/notes: 1. PRACH format:A12. L\_RA=139 |

## B.2 System level evaluation results

### B.2.1 System level evaluation results for coexistence interference analysis

Table B.2.1-1 System level evaluation results for coexistence interference analysis

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | Cases | Case 1：Omni vs Omni | Case2:Omni vs Directional |
| **Operator1** | **Operator2** | **Operator1** | **Operator2** |
| R1-2007967/ ZTE, Sanechips | Traffic loadMetrics  | Low load10%~25% BO | Low load10%~25% BO |
| DL UPT (Mbps) | 5%ile | 2727.4854  | 2373.8499  | 2734.7085  | 3030.9807  |
| 10%ile | 4643.2490  | 3236.5020  | 4522.3325  | 4083.0208  |
| 20%ile | 6492.4668  | 5320.5269  | 6661.6064  | 7527.7227  |
| 50%ile | 9411.5508  | 8068.3247  | 8884.0186  | 10866.1943  |
| 95%ile | 15086.5273  | 15635.1260  | 14731.7412  | 19536.2930  |
| mean | 9506.1719  | 8636.5840  | 9433.5547  | 10886.6279  |
| DL delay (s) | 5%ile | 0.011  | 0.010  | 0.011  | 0.009  |
| 50%ile | 0.025  | 0.030  | 0.026  | 0.021  |
| 95%ile | 0.143  | 0.172  | 0.144  | 0.097  |
| mean | 0.046  | 0.053  | 0.046  | 0.033  |
| Arrival rate (files/s) | 1.25 | 1.25 | 1.25 | 1.25 |
| 𝜌DL | 100% | 100% | 100% | 100% |
| BO | 20.636  | 23.893  | 21.004  | 17.066  |
| Additional report/notes:1. LBT procedure and parameters

Refer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz;LBT procedure align with v2.1.20 of EN 302 567;CWmax=10;1. any assumptions/parameters used not as in the agreed baseline

3. Details of case: two operators; omni-directional LBT, directional LBT schemes; Indoor Scenario ACase1：. two operators,Omni(Operator1) vs Omni(Operator2);Case2：. two operators,Omni(Operator1) vs Directional(Operator2)4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluation:DL Only,No COT sharing |

### B.2.2 System level evaluation results for different CCA threshold

Table B.2.2-1 performance of different LBT mode of various traffic load with CCA=-62dBm

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | LBT mode | omni |  directional |
| R1-2007967/ ZTE, Sanechips | 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 | 3546.6826  | 3033.7112 | 975.4548 | 3547.0242 | 3110.3704 | 1207.0940 |
| 50%ile | 11305.6396 | 10783.6074 | 7088.4458  | 11371.8018 | 10765.0527 | 8245.8027 |
| 95%ile | 18089.7539 | 18282.6270 | 15489.9375  | 18654.7754 | 18886.9160  | 16380.3154  |
| mean | 11196.8545 | 10566.7207 | 8016.2710 | 11427.4307  | 10969.6787 | 8994.2236 |
| DL delay (s) | 5%ile | 0.010 | 0.010 | 0.011  | 0.010 | 0.010 | 0.011  |
| 50%ile | 0.020 | 0.021  | 0.032  | 0.020  | 0.020 | 0.027 |
| 95%ile | 0.072  | 0.109 | 0.589 | 0.070  | 0.099  | 0.429  |
| mean | 0.028  | 0.036 | 0.122  | 0.027 | 0.033  | 0.109 |
| Arrival rate (files/s) | 1.25 | 2 | 3.5 | 1.25 | 2 | 3.5 |
| 𝜌DL | 100% | 100% | 100% | 100% | 100% | 100% |
| BO | 14.746% | 25.491% | 56.031% | 14.312% | 24.300% | 50.851 % |
| Additional report/notes:1.LBT procedure and parametersRefer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz;LBT procedure align with v2.1.20 of EN 302 567;CWmax=10;2.any assumptions/parameters used not as in the agreed baseline3. Details of case: two operators; omni-directional LBT, directional LBT schemes; Indoor Scenario A4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluation:DL Only,No COT sharing |

Table B.2.2-2 performance of different LBT mode of various traffic load with CCA=-72dBm

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | LBT mode | omni |  directional |
| R1-2007967/ ZTE, Sanechips | 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 | 2901.5559  | 1584.9509 | 225.0555 | 3449.4133 | 2440.6877 | 586.0697  |
| 50%ile | 9875.0674 | 8321.1289 | 4440.5454 | 10900.7783 | 9365.6563 | 5319.0728 |
| 95%ile | 16569.4043  | 14917.2061  | 12050.0732  | 17744.9609 | 17649.1035 | 13868.5537  |
| mean | 9927.3428 | 8352.8154 | 4978.7114 | 10831.2520  | 9815.9434 | 6458.9243 |
| DL delay (s) | 5%ile | 0.010 | 0.011 | 0.013  | 0.010 | 0.010 | 0.012  |
| 50%ile | 0.023 | 0.030  | 0.070  | 0.021  | 0.024  | 0.044 |
| 95%ile | 0.104  | 0.235 | 2.098 | 0.080  | 0.131  | 1.130  |
| mean | 0.036  | 0.069 | 0.370 | 0.030 | 0.042  | 0.228  |
| Arrival rate (files/s) | 1.25 | 2 | 3.5 | 1.25 | 2 | 3.5 |
| 𝜌DL | 100% | 100% | 100% | 100% | 100% | 100% |
| BO | 17.989 % | 34.882% | 72.104% | 15.492% | 28.117% | 64.679% |
| Additional report/notes:1.LBT procedure and parametersRefer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz;LBT procedure align with v2.1.20 of EN 302 567;CWmax=10;2.any assumptions/parameters used not as in the agreed baseline3. Details of case: two operators; omni-directional LBT, directional LBT schemes; Indoor Scenario A4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluation:DL Only,No COT sharing |

Table B.2.2-3 performance of different LBT mode of various traffic load with CCA=-82dBm

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | LBT mode | omni |  directional |
| R1-2007967/ ZTE, Sanechips | 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 | 1468.8210  | 229.8788 | 171.6681 | 2918.3030 | 1458.0205  | 136.3976  |
| 50%ile | 6655.7744 | 4163.1836  | 2519.1045 | 9337.8369 | 7474.8154 | 3580.1260 |
| 95%ile | 13927.4766  | 10920.2197  | 10165.1152  | 17007.1816 | 13970.7529 | 10623.8594  |
| mean | 7034.9761 | 4810.1909 | 3621.6375 | 9284.5352  | 7416.9111 | 4238.0874 |
| DL delay (s) | 5%ile | 0.012 | 0.014 | 0.015 | 0.011 | 0.011 | 0.014  |
| 50%ile | 0.038  | 0.072  | 0.110  | 0.026  | 0.037  | 0.091 |
| 95%ile | 0.272  | 1.642 | 2.842 | 0.117  | 0.274  | 2.621  |
| mean | 0.076  | 0.304 | 0.553 | 0.039 | 0.074  | 0.457  |
| Arrival rate (files/s) | 1.25 | 2 | 3.5 | 1.25 | 2 | 3.5 |
| 𝜌DL | 100% | 100% | 100% | 100% | 100% | 100% |
| BO | 29.025 % | 58.092% | 81.785% | 19.242% | 39.586% | 80.439% |
| Additional report/notes:1.LBT procedure and parametersRefer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz;LBT procedure align with v2.1.20 of EN 302 567;CWmax=10;2.any assumptions/parameters used not as in the agreed baseline3. Details of case: two operators; omni-directional LBT, directional LBT schemes; Indoor Scenario A4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluation:DL Only,No COT sharing |

Table B.2.2-4 performance of different LBT mode of various traffic load with CCA=-62dBm

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | Cases | Omni | Direc |
| R1-2007967/ ZTE, Sanechips | loadMetrics  | High loadabove 55% BO | High loadabove 55% BO |
| DL UPT (Mbps) | 5%ile | 787.1970 | 963.5551 |
| 50%ile | 3211.0288  | 3474.2285 |
| 95%ile | 5875.3906 | 5062.0288 |
| mean | 3295.7209 | 3390.7334 |
| DL delay (s) | 5%ile | 0.011 | 0.011 |
| 50%ile | 0.023 | 0.020  |
| 95%ile | 0.214  | 0.150 |
| mean | 0.074  | 0.046 |
| UL UPT (Mbps) | 5%ile | 36.0758  |  | 38.0263 |  |
| 50%ile | 505.9953 |  | 660.0948 |  |
| 95%ile | 3232.8450  |  | 3326.7085 |  |
| mean | 898.5682  |  | 1108.8021 |  |
| UL delay (s) | 5%ile | 0.014 |  | 0.014 |  |
| 50%ile | 0.075 |  | 0.065  |  |
| 95%ile | 1.479 |  | 1.444  |  |
| mean | 0.280 |  | 0.249 |  |
| Arrival rate(files/s) | 9 | 9 |
| 𝜌DL | 100%  | 100% |
| 𝜌UL | 94.51% | 94.38% |
| BO | 70.97% | 67.34% |
| Additional report/notes:1.LBT procedure and parametersRefer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz;LBT procedure align with v2.1.20 of EN 302 567;CWmax=10;2.any assumptions/parameters used not as in the agreed baselineFile size = 8M Bytes3. Details of case: two operators; omni-directional LBT, directional LBT schemes; Indoor Scenario A4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluationNo COT sharing |

Table B.2.2-5 performance of different LBT mode of various traffic load with CCA=-72dBm

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | Cases | Omni | Direc |
| R1-2007967/ ZTE, Sanechips | loadMetrics  | High loadabove 55% BO | High loadabove 55% BO |
| DL UPT (Mbps) | 5%ile | 520.9938 | 668.8180 |
| 50%ile | 1930.8051 | 2739.0764 |
| 95%ile | 3981.0945 | 4725.6880  |
| mean | 2164.7937 | 2832.8867 |
| DL delay (s) | 5%ile | 0.011 | 0.011 |
| 50%ile | 0.046  | 0.028 |
| 95%ile | 0.568  | 0.287  |
| mean | 0.143  | 0.070  |
| UL UPT (Mbps) | 5%ile | 39.9679  |  | 36.3442 |  |
| 50%ile | 417.697 |  | 572.3173 |  |
| 95%ile | 2828.1196 |  | 3286.6421 |  |
| mean | 894.1387 |  | 1040.5109 |  |
| UL delay (s) | 5%ile | 0.015 |  | 0.014 |  |
| 50%ile | 0.090 |  | 0.074 |  |
| 95%ile | 1.804 |  | 1.360 |  |
| mean | 0.364 |  | 0.260 |  |
| Arrival rate(files/s) | 9 | 9 |
| 𝜌DL | 99.97% | 100% |
| 𝜌UL | 94.59% | 94.29% |
| BO | 80.83% | 72.97% |
| Additional report/notes:1.LBT procedure and parametersRefer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz;LBT procedure align with v2.1.20 of EN 302 567;CWmax=10;2.any assumptions/parameters used not as in the agreed baselineFile size = 8M Bytes3. Details of case: two operators; omni-directional LBT, directional LBT schemes; Indoor Scenario A4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluationNo COT sharing |

Table B.2.2-6 performance of different LBT mode of various traffic load with CCA=-82dBm

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | Cases | Omni | Direc |
| R1-2007967/ ZTE, Sanechips | loadMetrics  | High loadabove 55% BO | High loadabove 55% BO |
| DL UPT (Mbps) | 5%ile | 80.01917  | 470.3428 |
| 50%ile | 997.6622 | 1744.7772 |
| 95%ile | 2979.1462 | 3992.5581 |
| mean | 1324.2566 | 1954.3718 |
| DL delay (s) | 5%ile | 0.013 | 0.012 |
| 50%ile | 0.219 | 0.061 |
| 95%ile | 1.570 | 0.591 |
| mean | 0.399 | 0.165 |
| UL UPT (Mbps) | 5%ile | 40.5601 | 40.3038  |
| 50%ile | 328.8358  | 536.3867  |
| 95%ile | 2640.0266 | 2764.0144 |
| mean | 876.7891 | 929.1561 |
| UL delay (s) | 5%ile | 0.015 | 0.016 |
| 50%ile | 0.120 | 0.115 |
| 95%ile | 1.930 | 1.622 |
| mean | 0.379 | 0.341 |
| Arrival rate(files/s) | 9 | 9 |
| 𝜌DL | 100% | 100% |
| 𝜌UL | 96.23% | 97.33% |
| BO | 88.39% | 85.76% |
| Additional report/notes:1.LBT procedure and parametersRefer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz;LBT procedure align with v2.1.20 of EN 302 567;CWmax=10;2.any assumptions/parameters used not as in the agreed baselineFile size = 8M Bytes3. Details of case: two operators; omni-directional LBT, directional LBT schemes; Indoor Scenario A4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluationNo COT sharing |

### B.2.3 System level evaluation results for single operator

Table B2.3-1 single operator performance of different LBT mode of various traffic load with CCA=-82dBm

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | LBT mode | omni |  directional |
| R1-2007967/ ZTE, Sanechips | 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 | 2469.8159  | 1343.2117 | 83.0307 | 2148.6824 | 1935.8322 | 225.7256  |
| 50%ile | 11222.2646 | 8818.3066 | 4752.3027  | 11596.8965  | 9712.3398 | 6331.9395  |
| 95%ile | 18383.7070 | 16582.6855 | 14950.5947  | 20836.0254  | 20835.5352 | 17445.4707  |
| mean | 10292.8906  | 8585.7139 | 5730.4863 | 10906.8916  | 10209.7617  | 7295.3428 |
| DL delay (s) | 5%ile | 0.009 | 0.010 | 0.011 | 0.009 | 0.009 | 0.010 |
| 50%ile | 0.024 | 0.037 | 0.063  | 0.022 | 0.025 | 0.049 |
| 95%ile | 0.121  | 0.321 | 3.794 | 0.122  | 0.168 | 0.236  |
| mean | 0.040  | 0.085 | 0.708 | 0.038 | 0.049  | 2.575 |
| Arrival rate (files/s) | 1.25 | 2 | 3.5 | 1.25 | 2 | 3.5 |
| 𝜌DL | 100% | 99.96% | 100% | 99.86% | 100% | 99.78% |
| BO | 20.593% | 43.846% | 80.095% | 19.864% | 32.918% | 76.133% |
| Additional report/notes:1.LBT procedure and parametersRefer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz;LBT procedure align with v2.1.20 of EN 302 567;CWmax=10;2.any assumptions/parameters used not as in the agreed baseline3. Details of case: single operators; omni-directional LBT, directional LBT schemes; Indoor Scenario C4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluation:DL Only, No COT sharing |

### B.2.4 System level evaluation results for different bandwidth

Table B.2.4-1 Different bandwidth performance of different LBT mode of various traffic load with CCA=-82dBm

|  |  |  |  |
| --- | --- | --- | --- |
| Tdoc /Source | Channel bandwidth | 400M | 2000M |
| LBT Scheme | omni | Directional | omni | Directional |
| R1-2007967/ ZTE, Sanechips | 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 | 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 | 690.0958 | 223.3712 | 108.7060 | 1015.2816 | 523.0024 | 143.9919 | 1468.8210  | 229.8788 | 171.6681 | 2918.3030 | 1458.0205  | 136.3976  |
| 50%ile | 1800.0000 | 942.9960 | 566.6034 | 2460.7251 | 1720.1998 | 680.7795 | 6655.7744 | 4163.1836  | 2519.1045 | 9337.8369 | 7474.8154 | 3580.1260 |
| 95%ile | 3534.6392 | 2624.1802 | 2219.4753 | 4441.9355 | 3317.0732 | 2224.2991 | 13927.4766  | 10920.2197  | 10165.1152  | 17007.1816 | 13970.7529 | 10623.8594  |
| mean | 1976.1506  | 1188.0437 | 796.7006 | 2676.9175  | 1838.0183  | 898.8221 | 7034.9761 | 4810.1909 | 3621.6375 | 9284.5352  | 7416.9111 | 4238.0874 |
| DL delay (s) | 5%ile | 0.047 | 0.060 | 0.068 | 0.042 | 0.044 | 0.069 | 0.012 | 0.014 | 0.015 | 0.011 | 0.011 | 0.014  |
| 50%ile | 0.112 | 0.247 | 0.484 | 0.088 | 0.141 | 0.378 | 0.038  | 0.072  | 0.110  | 0.026  | 0.037  | 0.091 |
| 95%ile | 0.433 | 1.349 | 2.124 | 0.275 | 0.690 | 3.249 | 0.272  | 1.642 | 2.842 | 0.117  | 0.274  | 2.621  |
| mean | 0.173 | 0.408 | 0.725 | 0.114 | 0.229 | 0.872 | 0.076  | 0.304 | 0.553 | 0.039 | 0.074  | 0.457  |
| Arrival rate (files/s) | 0.3125 | 0.625 | 1.25 | 0.3125 | 0.625 | 1.25 | 1.25 | 2 | 3.5 | 1.25 | 2 | 3.5 |
| 𝜌DL | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| BO | 20.608% | 52.843% | 83.511% | 15.047% | 41.659% | 82.938% | 29.025 % | 58.092% | 81.785% | 19.242% | 39.586% | 80.439% |
| Additional report/notes:1.LBT procedure and parametersRefer to Section A.2 in R1-2007967. Subcarrier spacing is 960KHz for 2GHz bandwidthSubcarrier spacing is 120KHz for 400MHz bandwidthLBT procedure align with v2.1.20 of EN 302 567;CWmax=10;2.any assumptions/parameters used not as in the agreed baseline3. Details of case: two operators; omni-directional LBT, directional LBT schemes; Indoor Scenario A4. Other metric(s) and definition if reported5. Details of COT sharing if used in evaluation:DL Only, No COT sharing |

### B.2.5 RSRP distribution

Note: companies are encouraged to also submit RSRP distribution (e.g. serving BS to UE links, BS-to-BS links, UE-to-UE links) for the evaluated scenario in SLS.



Figure 1 RSRP distribution for Indoor Scenario A