

|          | Case 1: $p_2 = 0$         |                       | Case 2: $p_2 = 0.1$       |                       |
|----------|---------------------------|-----------------------|---------------------------|-----------------------|
| Round    | Number of<br>bits flipped | Total<br>correct bits | Number of<br>bits flipped | Total<br>correct bits |
| 1        | 30                        | 2487                  | 1                         | 2276                  |
| 2        | 91                        | 2526                  | 3                         | 2277                  |
| 3        | 122                       | 2586                  | 6                         | 2277                  |
| 4        | 42                        | 2628                  | 8                         | 2275                  |
| 5        | 50                        | 2676                  | 11                        | 2268                  |
| $\vdots$ | $\vdots$                  | $\vdots$              | $\vdots$                  | $\vdots$              |
| 14       | 43                        | 3075                  | 2                         | 2204                  |
| 15       | 23                        | 3098                  | 100                       | 2164                  |
| 16       | 2                         | 3100                  | 4                         | 2164                  |
| $\vdots$ | -                         | -                     | $\vdots$                  | $\vdots$              |
| 34       | -                         | -                     | 1                         | 2079                  |
| 35       | -                         | -                     | 0                         | 2079                  |
| $\vdots$ | -                         | -                     | 0                         | 2079                  |