Bit error rate = 1 – (total number of bits received correctly) / (total number of transmitted bits)

Data-rate = Total number of bits received correctly per second

We use a grid of size 1

Case 1:

|  |  |  |
| --- | --- | --- |
| Distance | Data-rate | Bit Error Rates |
| 20cm |  |  |
| 40cm |  |  |
| 80cm |  |  |
| 120cm |  |  |

Explanation: We observe that …

Case 2:

|  |  |  |
| --- | --- | --- |
| Distance | Data-rate | Bit Error Rates |
| 20cm |  |  |
| 40cm |  |  |
| 80cm |  |  |
| 120cm |  |  |

Explanation: We observe that …