**Lampiran 3. Nilai Pengujian *RSSI* pada *SF7***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Jarak | Nilai *RSSI* | | | | | | | | | | Nilai Rata-Rata *RSSI* |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 200 | -74 | -75 | -74 | -75 | -74 | -74 | -74 | -74 | -74 | -73 | -74 |
| 400 | -78 | -78 | -77 | -82 | -80 | -78 | -77 | -76 | -79 | -78 | -78 |
| 600 | -88 | -88 | -89 | -91 | -92 | -92 | -94 | -94 | -97 |  | -92 |
| 800 | -87 | -88 | -89 | -88 | -89 | -89 | -90 | -88 | -85 | -85 | -88 |
| 1000 | -88 | -88 | -87 | -87 | -87 | -88 | -88 | -89 | -88 | -88 | -88 |
| 1200 | -95 | -96 | -95 | -96 | -95 | -95 | -97 | -96 | -96 | -96 | -96 |
| 1400 | -99 |  |  |  |  |  |  | -98 | -98 |  | -98 |
| 1600 | -96 | -94 | -94 | -94 | -92 | -90 | -91 | -88 | -88 | -89 | -92 |
| 1800 | -95 | -94 | -93 | -95 | -93 | -95 | -96 | -95 | -94 | -96 | -95 |
| 2000 | -98 |  |  |  |  |  |  |  | -98 | -96 | -97 |
| 2200 | -95 | -95 | -94 | -93 | -94 | -92 | -93 | -93 | -93 | -93 | -94 |
| 2400 |  |  |  |  |  |  |  |  |  |  |  |
| 2600 |  |  |  |  |  |  |  |  |  |  |  |
| 2800 |  |  |  |  |  |  |  |  |  |  |  |
| 3000 |  |  |  |  |  |  |  |  |  |  |  |
| 3200 |  |  |  |  |  |  |  |  |  |  |  |
| 3400 |  |  |  |  |  |  |  |  |  |  |  |
| 3600 |  |  |  |  |  |  |  |  |  |  |  |
| 3800 |  |  |  |  |  |  |  |  |  |  |  |
| 4000 |  |  |  |  |  |  |  |  |  |  |  |

**Lampiran 4. Nilai Pengujian *RSSI* pada *SF8***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Jarak | Nilai RSSI | | | | | | | | | | Nilai Rata-Rata RSSI |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 200 | -66 | -66 | -66 | -65 | -65 | -65 | -65 | -65 | -66 | -65 | -65 |
| 400 | -73 | -71 | -70 | -70 | -70 | -69 | -70 | -70 | -70 | -69 | -70 |
| 600 | -93 | -97 | -92 | -88 | -91 | -92 | -86 | -95 | -98 |  | -92 |
| 800 | -85 | -85 | -86 | -85 | -81 | -83 | -84 | -84 | -82 | -81 | -84 |
| 1000 | -88 | -83 | -85 | -82 | -82 | -83 | -81 | -80 | -80 | -81 | -83 |
| 1200 | -90 | -90 | -92 | -91 | -92 | -96 | -95 | -96 | -94 | -90 | -93 |
| 1400 | -101 |  |  | -95 |  | -98 | -97 | -98 | -98 | -94 | -97 |
| 1600 | -84 | -87 | -88 | -84 | -84 | -84 | -84 | -84 | -83 | -83 | -85 |
| 1800 | -91 | -90 | -88 | -88 | -87 | -95 | -89 | -89 | -89 | -89 | -90 |
| 2000 | -97 | -98 |  | -99 | -95 | -95 | -95 | -96 | -97 | -97 | -97 |
| 2200 | -99 | -97 | -97 | -96 | -95 | -95 | -91 |  | -94 | -91 | -95 |
| 2400 |  |  |  |  |  |  |  |  |  |  |  |
| 2600 |  |  |  |  |  |  |  |  |  |  |  |
| 2800 |  |  |  |  |  |  |  |  |  |  |  |
| 3000 |  |  |  |  |  |  |  |  |  |  |  |
| 3200 |  |  |  |  |  |  |  |  |  |  |  |
| 3400 |  |  |  |  |  |  |  |  |  |  |  |
| 3600 |  |  |  |  |  |  |  |  |  |  |  |
| 3800 |  |  |  |  |  |  |  |  |  |  |  |
| 4000 |  |  |  |  |  |  |  |  |  |  |  |

**Lampiran 5. Nilai Pengujian *RSSI* pada *SF9***



**Lampiran 6. Nilai Pengujian *RSSI* pada *SF10***



**Lampiran 7. Nilai Pengujian *RSSI* pada *SF11***



**Lampiran 8. Nilai Pengujian *Packet Loss***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| KONDISI HALANGAN | Jarak | Nilai Packet Loss pada | | | | |
| SF 7 | SF 8 | SF 9 | SF 10 | SF 11 |
| LOS | 200 | 0% | 0% | 0% | 0% | 0% |
| LOS | 400 | 0% | 0% | 0% | 0% | 0% |
| NON LOS | 600 | 10% | 10% | 0% | 0% | 0% |
| LOS | 800 | 0% | 0% | 0% | 0% | 0% |
| LOS | 1000 | 0% | 0% | 0% | 0% | 0% |
| LOS | 1200 | 0% | 0% | 0% | 0% | 0% |
| NON LOS | 1400 | 70% | 30% | 0% | 0% | 0% |
| LOS | 1600 | 0% | 0% | 0% | 0% | 0% |
| LOS | 1800 | 0% | 0% | 0% | 0% | 0% |
| NON LOS | 2000 | 70% | 10% | 20% | 0% | 10% |
| LOS | 2200 | 0% | 0% | 0% | 0% | 0% |
| NON LOS | 2400 | 100% | 100% | 30% | 0% | 0% |
| NON LOS | 2600 |  |  | 10% | 0% | 0% |
| NON LOS | 2800 |  |  | 80% | 10% | 10% |
| NON LOS | 3000 |  |  |  | 10% | 0% |
| NON LOS | 3200 |  |  |  | 90% | 70% |
| NON LOS | 3400 |  |  |  | 90% | 40% |
| NON LOS | 3600 |  |  |  | 50% | 20% |
| NON LOS | 3800 |  |  |  | 90% | 100% |
| NON LOS | 4000 |  |  |  | 80% | 10% |

**Lampiran 9. Nilai Pengujian *Rata-Rata Delay***

