



WAN Link Performance & Sizing Report

| ****Location**** | Bhiwandi-NEW-CFA, Bhiwandi |
| :--- | :--- |
| ****Vendor**** | NAVKAR SUPERTECH PVT LTD |
| ****Link Type**** | DBB |
| ****Business Hours**** | 09:00–18:00 |
| ****Provisioned Speed**** | 150.0 Mbps |

1. Usage Pattern Analysis

The link is extremely underutilized. Average usage is only 0.15 Mbps, which is less than 1% of the 150 Mbps provisioned capacity. While usage is higher during business hours (0.30 Mbps), it remains negligible. The highest recorded peak was 54.72 Mbps, but this was a rare, brief event. For 99% of the time, usage stays below 2.17 Mbps, indicating stable and predictable low-volume traffic with no anomalies.

2. Capacity Planning Recommendations

The current 150 Mbps circuit is significantly over-provisioned. To align costs with actual demand, we recommend resizing the link.

- ****Conservative:**** 0.6 Mbps
- ****Balanced (Recommended):**** 1 Mbps
- ****Aggressive:**** 60 Mbps

A ****1 Mbps**** plan is the recommended target. This safely covers typical high-end usage while allowing a buffer for future growth.

3. Performance Risks & Bottlenecks

There are no performance risks or bottlenecks on this link. The capacity was never stressed, with zero instances of usage exceeding 90% of the provisioned speed. Congestion is not a concern, and the circuit provides excellent performance relative to its load.

Conclusion

The link is severely over-provisioned; we recommend downgrading to a ****1 Mbps**** plan to achieve significant cost savings without impacting performance.

Visual Insights

