**Performance Tuning Logs & Adjustment Records**

**Title:** *System Optimization Change Logs & Parameter Tuning Report*

**A. Purpose**

Track adjustments made to improve 5G system KPIs such as latency, throughput, energy consumption, and handover success rate.

**B. Log Structure**

| **Date** | **Change Description** | **Parameter Modified** | **Before/After Value** | **Resulting KPI Impact** |
| --- | --- | --- | --- | --- |
| 2025-07-12 | AI-based beamforming config tuned | beam\_power\_threshold | 0.6 → 0.75 | +8% user throughput |
| 2025-07-18 | Dynamic slice bandwidth reallocation rule | slice\_bw\_ratio | 30/70 → 50/50 | -15% call drop rate |
| 2025-07-25 | ML retraining schedule increased | retrain\_interval | Weekly → Daily | Faster convergence, improved handovers |

**C. Supporting Charts**

* Graphs of KPI trends before/after each change.
* Annotations with timestamps, responsible team, and justification.