Test ID	Statutory Clause (47 U.S.C. §1702(a)(2)(l))	Engineering Domain(s)	Applies To Architectures	Implementation Layer
A.2.1	Performance: Speed/Latency/Reliability	Latency	All	End-to-End
A.2.2	Performance: Reliability (timing stability)	Jitter	All	End-to-End
A.2.3	Performance: Reliability	Packet Loss	All	End-to-End
A.2.4	Performance: Speed/Capacity	Throughput, Capacity	All	End-to-End
A.2.5	Reliability over Time	Latency Stability	All	End-to-End
A.2.6	Reliability over Time	Jitter Stability	All	End-to-End
A.2.7	Reliability, Load Handling	Throughput Stability	All	End-to-End
A.2.8	Scalability Under Load	Latency/Jitter/Throughput	All	End-to-End
A.2.9	Reliability	Latency/Throughput	All	End-to-End
A.2.10	Establishes PBP Baseline	All Performance Domains	All	End-to-End
A.2.11	Reliability	Tail Latency	All	End-to-End
A.2.12	Reliability	Tail Latency (p99.9)	All	End-to-End
A.2.13	Reliability	Burst-Induced Latency	All	End-to-End
A.2.14	Reliability	Congestion-Induced Latency	All	End-to-End
A.2.15	Scalability	Tail Latency Under Concurrency	All	End-to-End
A.2.16	Reliability	Mixed Traffic Tail Latency	All	End-to-End
A.2.17	Reliability	Latency Under Impairment	All	End-to-End
A.2.18	Reliability	Longitudinal Tail Latency	All	End-to-End
A.2.19	Reliability	Tail Recovery	All	End-to-End
A.2.20	Reliability	Predictable Tail Behavior	All	End-to-End
A.2.21	Scalability	Speed Scaling	All	System
A.2.22	Scalability	Load Scaling	All	System
A.2.23	Scalability	Application Complexity Scaling	All	System
A.2.24	Scalability	Access Capacity	Fiber/Cable/Wireless/Hybrid	Access
A.2.25	Scalability	Aggregation Capacity	All	Aggregation
A.2.26	Scalability	Transport Capacity	All	Transport
A.2.27	Scalability	CPE Performance	All	Access
A.2.28	Scalability	Traffic Mix Sensitivity	All	System
A.2.29	Scalability	Multi-Year Capacity Accommodation	All	System
A.2.30	Scalability	Demand Growth Compliance	All	System
A.2.31	Performance	Concurrency	All	System
A.2.32	Performance	Business Concurrency	All	System
A.2.33	Performance	Mixed Concurrency	All	System
A.2.34	Performance	Al Workload Interaction	All	System
A.2.35	Performance	High Session Count	All	System
A.2.36	Performance	Burst Stability	All	System
A.2.37	Performance	Latency Variation Under Concurrency	All	End-to-End
A.2.38	Performance	Jitter Variation Under Concurrency	All	End-to-End
A.2.39	Reliability	Session Stability	All	System
A.2.40	Reliability	Resource Fairness	All	System
A.2.41	Reliability	Jitter Envelope Compliance	All	End-to-End
A.2.42	Reliability	Jitter Burst Characterization	All	End-to-End
A.2.43	Reliability	Jitter Under Congestion	All	End-to-End
A.2.44	Reliability	Multi-Hop Jitter	All	Transport
A.2.45	Reliability	Mixed Traffic Jitter	All	End-to-End
A.2.46	Reliability	Jitter Recovery	All	End-to-End
A.2.47	Reliability	Cross-Layer Jitter	All	System



Test ID	Statutory Clause (47 U.S.C. §1702(a)(2)(I))	Engineering Domain(s)	Applies To Architectures	Implementation Layer
A.2.48	Reliability	Jitter Predictability	All	End-to-End
A.2.49	Reliability	Diurnal Jitter Patterns	All	End-to-End
A.2.50	Reliability	Jitter Under Impairment	All	End-to-End
A.2.51	Reliability	Packet-Loss Stability	All	End-to-End
A.2.52	Reliability	Packet-Loss Bursts	All	End-to-End
A.2.53	Reliability	Concurrency-Related Loss	All	System
A.2.54	Reliability	Transport Impairment Loss	All	Transport
A.2.55	Reliability	Access Impairment Loss	All	Access
A.2.56	Reliability	Mixed Traffic Loss	All	System
A.2.57	Reliability	Error-Path Recovery	All	System
A.2.58	Reliability	FEC Behavior	Fiber/Cable/Wireless/Satellite	System
A.2.59	Reliability	Longitudinal Loss Trends	All	System
A.2.60	Reliability	Packet-Drop Predictability	All	System
A.2.61	Reliability	Access Impairment Propagation	All	Access
A.2.62	Reliability	Aggregation Impairment Propagation	All	Aggregation
A.2.63	Reliability	Transport Impairment Propagation	All	Transport
A.2.64	Reliability	Interconnection Impairment Propagation	All	Interconnection
A.2.65	Reliability	Burst Impairment Recovery	All	End-to-End
A.2.66	Reliability	Congestion Degradation	All	End-to-End
A.2.67	Reliability	Environmental Sensitivity	All	Access/System
A.2.68	Reliability	Weather Sensitivity	Wireless/Satellite	Access/System
A.2.69	Reliability	RF Interference	Wireless	Access
A.2.70	Reliability	Multi-Layer Containment	All	System
A.2.71	Performance	Fiber Latency	Fiber	Access
A.2.72	Performance	Fiber Jitter	Fiber	Access
A.2.73	Scalability	Splitter Ratio	Fiber	Access
A.2.74	Reliability	Optical Power Stability	Fiber	Access
A.2.75	Reliability	Cable Upstream Noise	Cable	Access
A.2.76	Reliability	OFDMA Channel Stability	Cable	Access
A.2.77	Performance	Service-Group Congestion	Cable	Access
A.2.78	Reliability	Wireless RF Sensitivity	Wireless	Access
A.2.79	Reliability	Modulation Adaptation	Wireless	Access
A.2.80	Reliability	Line-of-Sight Stability	Wireless	Access
A.2.81	Reliability	Aggregation Latency	All	Aggregation
A.2.82	Reliability	Aggregation Recovery	All	Aggregation
A.2.83	Scalability	Oversubscription	All	Aggregation
A.2.84	Reliability	Queue Stability	All	Aggregation
A.2.85	Reliability	Burst Containment	All	Aggregation
A.2.86	Reliability	Aggregation Jitter	All	Aggregation
A.2.87	Reliability	Aggregation Tail Latency	All	Aggregation
A.2.88	Reliability	Path Predictability	All	Aggregation
A.2.89	Reliability	Node Failure Recovery	All	Aggregation
A.2.90	Reliability	Redundancy Path Stability	All	Aggregation
A.2.91	Performance	Transport Latency	All	Transport
A.2.92	Performance	Transport Jitter	All	Transport
A.2.93	Reliability	Transport Loss	All	Transport
A.2.94	Reliability	Transport Congestion	All	Transport



Test ID	Statutory Clause (47 U.S.C. §1702(a)(2)(l))	Engineering Domain(s)	Applies To Architectures	Implementation Layer
A.2.95	Reliability	Transport Failover	All	Transport
A.2.96	Scalability	DWDM/XR Stability	Fiber	Transport
A.2.97	Reliability	Optical Amplifier Gain	Fiber	Transport
A.2.98	Reliability	Routing Convergence	All	Transport
A.2.99	Reliability	Transport Burst Behavior	All	Transport
A.2.100	Reliability	Cross-Layer Impairment Behavior	All	System
A.2.101	Reliability (performance impacts of faults)	Fault Isolation	All	System
A.2.102	Reliability	Fault Containment	All	System
A.2.103	Reliability	Node Health Metrics	All	System
A.2.104	Reliability	Node-to-Node Latency Stability	All	Transport
A.2.105	Reliability	Node Failure Recovery Timing	All	System
A.2.106	Reliability	Software/Firmware Upgrade Stability	All	System
A.2.107	Reliability	Process Restart Behavior	All	System
A.2.108	Reliability	Routing Table Stability	All	Transport
A.2.109	Reliability	Control-Plane Convergence	All	Transport
A.2.110	Reliability	Data-Plane Continuity	All	Transport
A.2.111	Reliability	Error Counter Behavior	All	End-to-End
A.2.112	Reliability	Threshold-Based Error Escalation	All	System
A.2.113	Reliability	Logging Consistency	All	System
A.2.114	Reliability	Monitoring System Responsiveness	All	System
A.2.115	Reliability	Multi-System Synchronization	All	System
A.2.116	Reliability	Time-Sync Accuracy (NTP/PTP)	All	System
A.2.117	Reliability	Multi-NOC Coordination	All	System
A.2.118	Reliability	Alarm Accuracy and Validity	All	System
A.2.119	Reliability	Multi-Layer Alarm Correlation	All	System
A.2.120	Reliability	Event Storm Handling	All	System
A.2.121	Performance	Access Latency	All	Access
A.2.122	Performance	Access Jitter	All	Access
A.2.123	Performance	Access Packet Loss	All	Access
A.2.124	Performance	Access Throughput Stability	All	Access
A.2.125	Scalability	Access Capacity Scaling	All	Access
A.2.126	Reliability	Access Impairment Response	All	Access
A.2.127	Reliability	Access Path Failover	All	Access
A.2.128	Performance	Aggregation Latency Variation	All	Aggregation
A.2.129	Performance	Aggregation Throughput	All	Aggregation
A.2.130	Performance	Aggregation Scheduling Behavior	All	Aggregation
A.2.131	Scalability	Aggregation Growth Capacity	All	Aggregation
A.2.132	Reliability	Aggregation Layer Congestion Response	All	Aggregation
A.2.133	Reliability	Aggregation Jitter Envelope	All	Aggregation
A.2.134	Reliability	Aggregation Redundancy	All	Aggregation
A.2.135	Reliability	Aggregation Error Propagation	All	Aggregation
A.2.136	Performance	Transport Latency Under Load	All	Transport
A.2.137	Performance	Transport Jitter Under Load	All	Transport
A.2.138	Performance	Transport Loss Under Load	All	Transport
A.2.139	Performance	Transport Throughput Scaling	All	Transport
A.2.140	Reliability	Transport Failover Stability	All	Transport
A.2.141	Scalability	Transport Capacity Expansion	All	Transport



Test ID	Statutory Clause (47 U.S.C. §1702(a)(2)(l))	Engineering Domain(s)	Applies To Architectures	Implementation Layer
A.2.142	Reliability	Transport Burst Behavior	All	Transport
A.2.143	Reliability	Transport Recovery Predictability	All	Transport
A.2.144	Reliability	Interconnection Latency	All	Interconnection
A.2.145	Reliability	Interconnection Jitter	All	Interconnection
A.2.146	Reliability	Interconnection Packet Loss	All	Interconnection
A.2.147	Performance	Peering Stability	All	Interconnection
A.2.148	Reliability	Peering Congestion Response	All	Interconnection
A.2.149	Reliability	Interconnection Redundancy	All	Interconnection
A.2.150	Reliability	Interconnection Failover Behavior	All	Interconnection
A.2.151	Reliability	Interconnection Error Propagation	All	Interconnection
A.2.152	Reliability	Interconnection Stability Under Load	All	Interconnection
A.2.153	Reliability	Interconnection Path Determinism	All	Interconnection
A.2.154	Scalability	Interconnection Capacity Scaling	All	Interconnection
A.2.155	Reliability	DNS Resolution Latency	All	System
A.2.156	Reliability	DNS Stability Under Load	All	System
A.2.157	Reliability	Authentication Latency	All	System
A.2.158	Reliability	Authentication Stability	All	System
A.2.159	Reliability	Authorization Hold-Time Effects	All	System
A.2.160	Reliability	Session Key Exchange Latency	All	System
A.2.161	Reliability	Session Key Renewal Behavior	All	System
A.2.162	Reliability	Multi-Factor Authentication Latency	All	System
A.2.163	Reliability	API Endpoint Stability	All	System
A.2.164	Reliability	API Rate-Limit Behavior	All	System
A.2.165	Reliability	API Latency Stability	All	System
A.2.166	Reliability	Failover API Continuity	All	System
A.2.167	Reliability	OSS Latency Under Load	All	OSS/PMS
A.2.168	Reliability	OSS Processing Time	All	OSS/PMS
A.2.169	Reliability	OSS Alarm Accuracy	All	OSS/PMS
A.2.170	Reliability	OSS Correlation Accuracy	All	OSS/PMS
A.2.171	Reliability	PMS Polling Timing	All	OSS/PMS
A.2.172	Reliability	PMS Load Handling	All	OSS/PMS
A.2.173	Reliability	PMS Stability Under Change	All	OSS/PMS
A.2.174	Reliability	PMS-to-OSS Sync Accuracy	All	OSS/PMS
A.2.175	Reliability	Change-Management Latency	All	System
A.2.176	Reliability	Change-Management Impact on Performance	All	System
A.2.177	Reliability	Configuration Drift Detection	All	System
A.2.178	Reliability	Configuration Baseline Integrity	All	System
A.2.179	Reliability	Firmware Upgrade Failure Recovery	All	System
A.2.180	Reliability	Hot-Patching Latency	All	System
A.2.181	Reliability	Hot-Patching Stability	All	System
A.2.182	Reliability	Orchestration Engine Latency	All	System
A.2.183	Reliability	Orchestration Engine Stability	All	System
A.2.184	Reliability	Orchestration Failure Recovery	All	System
A.2.185	Reliability	Automation Pipeline Latency	All	System
A.2.186	Reliability	Automation Pipeline Accuracy	All	System
A.2.187	Reliability	Automation Pipeline Failover	All	System
A.2.188	Reliability	Multi-Domain Automation Coordination	All	System
A.2.189 A.2.190	Reliability Reliability	SLA Monitoring Accuracy SLA Enforcement Stability	All	System System



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Test ID	Statutory Clause (47 U.S.C. §1702(a)(2)(I))	Engineering Domain(s)	Applies To Architectures	Implementation Layer
A.2.191	Reliability	QoS Configuration Consistency	All	System
A.2.192	Reliability	QoS Scheduling Predictability	All	System
A.2.193	Reliability	QoS Failover Behavior	All	System
A.2.194	Reliability	QoS Error Propagation	All	System
A.2.195	Performance	QoS Priority Precision	All	System
A.2.196	Reliability	Clock Drift Stability	All	System
A.2.197	Reliability	Clock Drift Recovery	All	System
A.2.198	Reliability	Multi-Clock Domain Alignment	All	System
A.2.199	Reliability	Timing-Loop Stability	All	System
A.2.200	Reliability	Timing-Loop Failure Recover	All	System

