

**CELLULAR MOBILE TELEPHONE SERVICE**  
**Network Service Quality Performance Report for the Quarter ending .....**

Name of Service Area	Network Availability		Connection Establishment (Accessibility)			Connection Maintenance (Retainability)			POI
	BS Accumulated down-time (not available for service) (%age)	Worst affected BSs due to down-time (%age)	Call Set-up Success Rate and Session Establishment Success Rate for Circuit Switched Voice or VoLTE as applicable (within licensee's own network)	SDCCH/Paging Channel Congestion/RRC Congestion (%age)	TCH, RAB and E-RAB Congestion (%age)	Network QoS DCR Spatial Distribution Measure [Network_QSD(90,90)] (indicator for dropped call rate)	Network QoS DCR Temporal Distribution Measure [Network_QTD(97,90)] (indicator for dropped call rate)	Connections with good voice quality, Circuit Switched Voice Quality and VoLTE quality	Total No. of Point of Interconnection (POI) where congestion is more than >0.5%
Benchmark	≤ 2%	≤ 2%	≥ 95%	≤ 1%	≤ 2%	≤ 2%	≤ 3%	≥ 95%	
1	2	3	4	5	6	7	8	9	10
RoWB	0.39	0.56	98.94	0.09	0.02	0.00	0.00	97.88	0.00
KOL	1.11	1.85	99.34	0.04	0.26	0.00	0.46	99.36	0.00
RAJ	0.37	1.57	99.44	0.05	0.37	0.00	0.00	99.76	0.00
KER	0.38	0.00	99.73	0.00	0.00	0.00	0.00	99.63	0.00
ROM	0.59	0.00	96.96	0.20	0.70	2.71	5.37	99.58	0.00
AP	0.67	0.00	98.55	0.27	0.53	0.00	2.15	98.76	0.00
TN	0.43	1.32	99.58	0.07	0.04	0.99	2.38	98.81	0.00
DEL	0.04	0.00	99.19	0.00	0.06	1.57	2.97	99.11	0.00
ODI	0.00	0.00	99.68	0.54	0.00	0.00	2.74	98.50	0.00
PUN	0.47	0.61	99.55	0.32	0.03	0.00	0.00	99.02	0.00
HP	0.01	0.00	97.68	0.00	0.00	0.00	0.00	95.72	0.00
GUJ	0.01	0.00	99.41	0.02	0.11	0.00	0.51	99.56	0.00
UPE	0.28	0.90	96.10	0.13	0.70	2.71	6.16	98.82	0.00
UPW	0.59	0.18	99.18	0.29	0.16	1.07	7.13	99.18	0.00
MUM	0.35	0.00	99.08	0.10	0.58	0.00	2.78	98.66	0.00
HAR	0.75	0.00	99.71	0.06	0.04	0.00	1.24	98.25	0.00
KAR	0.64	0.61	98.43	0.10	0.31	0.00	1.98	99.19	0.00
BIH	0.79	0.70	98.04	0.34	0.12	0.00	0.00	98.52	0.00
MPCG	0.47	0.00	96.52	0.46	0.11	0.00	2.79	99.69	0.00

BS - Base Station and includes BTS, Node B and eNode B.

RRC —Radio Resource Controller

RAB—Radio Access Bearer

eNode B - Evolved Node B

BTS - Base Transceiver Station

Node B - A Base Station that acts as a logical node in a Universal Terrestrial Access Network based on Wideband CDMA(WCDMA) technology.

