

**Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services**

**Report for quarter ending: Sept. 2022**

**Compliance Status**

S. No.	Parameters	Benchmarks	Generations		Compliance Status						
					Airtel	BSNL	MTNL	RJIL	VIL		
Andhra Pradesh	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	99.34		99.93	99.72
	2	Successful data transmission download attempts	>80%		All Generations		100.00	98.80		100.00	100.00
	3	Successful data transmission upload attempts	>75%		All Generations		100.00	97.10		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	170.72	60.50				111.87
				3G	Plan 1	NA	1476.50				4301.33
				4G	Plans	16488.33	2206.00			5465.18	10528.58
	5	Average Throughput for Packet data	>75% of the subscribed speed.	2G	Plan 1	224.22	128.00				202.08
				3G	Plan 1	NA	3092.50				5924.28
				4G	Plans	27178.33	4439.00			18200.81	23347.25
6	Latency	Data <250		All Generations		95.00	119.29		51.46	40.50	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.88	98.45		99.57	96.25	
8	Drop rate :	≤5%		All Generations		0.86	1.33		0.35	0.60	
Assam	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	100.00		99.98	97.84
	2	Successful data transmission download attempts	>80%		All Generations		100.00	99.00		100.00	100.00
	3	Successful data transmission upload attempts	>75%		All Generations		100.00	98.90		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	81.90	97.33				164.63
				3G	Plan 1	NA	1243.66				4783.00
				4G	Plans	6156.62	822.33			5808.71	16366.00
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	115.30	160.33				212.94
				3G	Plan 1	NA	2891.00				6868.67
				4G	Plans	12749.17	4366.66			28501.80	26135.49
6	Latency	Data <250		All Generations		155.50	161.09		62.44	86.00	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.87	98.45		99.59	96.90	
8	Drop rate :	≤5%		All Generations		0.91	1.46		0.31	2.13	

## Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Sept. 2022

Compliance Status

S. No.	Parameters	Benchmarks	Generations		Compliance Status							
					Airtel	BSNL	MTNL	RJIL	VIL			
<b>Bihar</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	100.00		99.97	99.82	
	2	Successful data transmission download attempts	>80%		All Generations		99.66	100.00		100.00	100.00	
	3	Successful data transmission upload attempts	>75%		All Generations		99.92	100.00		100.00	100.00	
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI		2G	Plan 1	44.36	112.33				151.00
					3G	Plan 1	NA	902.83				3576.00
					4G	Plans	7766.57	1337.67		4222.57	8040.00	
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.		2G	Plan 1	151.37	154.97				215.50
					3G	Plan 1	NA	1528.17				6597.00
4G					Plans	11081.65	3954.00		18868.98	14770.00		
6	Latency	Data <250		All Generations		95.00	120.13		49.47	40.50		
7	PDP Context Activation Success Rate	≥95%		All Generations		100.00	96.71		99.75	96.39		
8	Drop rate :	≤5%		All Generations		0.43	0.88		0.48	0.24		
<b>Delhi</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00		96.50	99.78	98.04	
	2	Successful data transmission download attempts	>80%		All Generations		100.00		100.00	100.00	99.59	
	3	Successful data transmission upload attempts	>75%		All Generations		100.00		100.00	100.00	99.93	
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI		2G	Plan 1	82.05		42.31			73.35
					3G	Plan 1	NA		3145.40			2054.00
					4G	Plans	9991.43			6812.76	6913.11	
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.		2G	Plan 1	123.25		98.71			121.00
					3G	Plan 1	NA		8611.43			7338.00
4G					Plans	18331.73			20571.45	20681.00		
6	Latency	Data <250		All Generations		149.83		68.15	46.00	52.00		
7	PDP Context Activation Success Rate	≥95%		All Generations		98.71		100.00	99.41	96.52		
8	Drop rate :	≤5%		All Generations		0.72		3.97	0.36	1.94		

**Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services**

**Report for quarter ending: Sept. 2022**

**Compliance Status**

	S. No.	Parameters	Benchmarks	Generations		Compliance Status				
						Airtel	BSNL	MTNL	RJIL	VIL
<b>Gujarat</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	98.00		99.91	96.89
	2	Successful data transmission download attempts	>80%	All Generations		100.00	99.00		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	99.00		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	70.33	100.00			83.56
				3G	Plan 1	NA	1342.00			1995.94
				4G	Plans	6684.00	6336.00		8692.99	8283.64
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	194.67	107.00			160.92
				3G	Plan 1	NA	2414.00			5063.18
4G				Plans	20082.67	6993.00		22212.54	21745.57	
6	Latency	Data <250	All Generations		134.50	82 ms		42.72	53.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.86	99.87		99.67	99.96	
8	Drop rate :	≤5%	All Generations		2.65	1.19		0.29	0.84	
<b>Himachal Pradesh</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	100.00		99.89	99.92
	2	Successful data transmission download attempts	>80%	All Generations		100.00	99.00		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	99.17		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	76.67	69.00			107.09
				3G	Plan 1	NA	773.00			2914.00
				4G	Plans	6644.67	2011.00		10903.70	6114.92
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	150.00	124.66			168.18
				3G	Plan 1	NA	2734.33			5062.21
4G				Plans	19201.67	8642.33		23174.19	17207.70	
6	Latency	Data <250	All Generations		130.67	79.33 ms		48.76	41.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.70	99.43		99.60	98.21	
8	Drop rate :	≤5%	All Generations		0.98	0.88		0.35	1.38	

**Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services**

**Report for quarter ending: Sept. 2022**

**Compliance Status**

S. No.	Parameters	Benchmarks	Generations		Compliance Status						
					Airtel	BSNL	MTNL	RJIL	VIL		
<b>Haryana</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	99.12		99.92	99.25
	2	Successful data transmission download attempts	>80%		All Generations		100.00	92.90		100.00	99.72
	3	Successful data transmission upload attempts	>75%		All Generations		100.00	90.71		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI		2G	Plan 1	125.33	173.00			96.13
					3G	Plan 1	NA	1393.33			796.08
					4G	Plans	7640.00	2634.00		6346.74	4899.61
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.		2G	Plan 1	175.33	270.67			165.80
					3G	Plan 1	NA	1885.00			5158.03
4G					Plans	16220.00	4778.67		20316.97	16621.38	
6	Latency	Data <250		All Generations		174.97	98.00		51.93	27.00	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.58	96.31		99.77	98.20	
8	Drop rate :	≤5%		All Generations		0.48	3.69		0.33	0.93	
<b>Jammu and Kashmir</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	98.13		99.93	95.19
	2	Successful data transmission download attempts	>80%		All Generations		100.00	97.11		100.00	100.00
	3	Successful data transmission upload attempts	>75%		All Generations		100.00	87.27		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI		2G	Plan 1	178.68	79.73			127.66
					3G	Plan 1	NA	205.40			2862.20
					4G	Plans	11690.67	372.22		6499.68	10272.96
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.		2G	Plan 1	227.31	214.52			206.01
					3G	Plan 1	NA	1366.04			8382.00
4G					Plans	12148.33	6624.47		20035.30	17538.78	
6	Latency	Data <250		All Generations		176.67	105.00		41.95	52.00	
7	PDP Context Activation Success Rate	≥95%		All Generations		100.00	98.29		99.38	98.46	
8	Drop rate :	≤5%		All Generations		0.76	1.44		0.34	1.20	

**Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services**

**Report for quarter ending: Sept. 2022**

**Compliance Status**

S. No.	Parameters	Benchmarks	Generations		Compliance Status						
					Airtel	BSNL	MTNL	RJIL	VIL		
<b>Kolkata</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	100.00		99.91	99.85
	2	Successful data transmission download attempts	>80%		All Generations		100.00	95.67		100.00	99.63
	3	Successful data transmission upload attempts	>75%		All Generations		100.00	93.67		100.00	99.88
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	20.73	103.33				178.00
				3G	Plan 1	NA	1266.67				-
				4G	Plans	23364.94	3000.00		4344.46	14915.00	
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	23.81	126.67				229.00
				3G	Plan 1	NA	2516.67				-
4G				Plans	29700.81	4716.67		18887.58	28270.00		
6	Latency	Data <250		All Generations		140.71	80.33		39.04	88.00	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.87	99.45		99.80	99.98	
8	Drop rate :	≤5%		All Generations		0.99	0.02		0.21	0.84	
<b>Kerala</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	98.90		98.90	98.92
	2	Successful data transmission download attempts	>80%		All Generations		100.00	98.56		100.00	100.00
	3	Successful data transmission upload attempts	>75%		All Generations		100.00	98.34		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	82.37	58.76				151.77
				3G	Plan 1	NA	1024.44				5002.16
				4G	Plans	5088.12	1327.16		10503.64	14470.07	
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	138.31	97.29				205.03
				3G	Plan 1	NA	2004.24				7324.05
4G				Plans	10430.55	3050.12		22732.74	29627.34		
6	Latency	Data <250		All Generations		167.20	165.40		45.32	58.00	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.63	97.65		99.76	99.34	
8	Drop rate :	≤5%		All Generations		1.79	0.86		0.33	1.48	

**Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services**

**Report for quarter ending: Sept. 2022**

**Compliance Status**

	S. No.	Parameters	Benchmarks	Generations		Compliance Status				
						Airtel	BSNL	MTNL	RJIL	VIL
<b>Karnataka</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	100.00		99.51	97.84
	2	Successful data transmission download attempts	>80%	All Generations		100.00	98.67		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	88.67		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	33.01	133.52			123.52
				3G	Plan 1	NA	1032.63			4230.12
				4G	Plans	2341.41	11936.42		6640.72	28827.06
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	120.06	164.98			219.82
				3G	Plan 1	NA	2821.00			5366.33
4G				Plans	19395.67	12861.44		20426.01	34465.60	
6	Latency	Data <250	All Generations		143.96	131.43		51.32	33.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.83	97.12		99.82	96.80	
8	Drop rate :	≤5%	All Generations		0.34	0.79		0.41	1.00	
<b>Maharashtra</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	99.24		99.92	96.02
	2	Successful data transmission download attempts	>80%	All Generations		100.00	98.40		100.00	99.97
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	96.10		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	89.00	104.00			86.94
				3G	Plan 1	NA	4044.00			1606.53
				4G	Plans	5607.33	225.33		5164.32	9428.26
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	138.00	122.00			181.34
				3G	Plan 1	NA	4145.00			6219.23
4G				Plans	16871.67	5141.66		21955.00	29244.94	
6	Latency	Data <250	All Generations		139.60	114.66 ms		53.67	52.50	
7	PDP Context Activation Success Rate	≥95%	All Generations		100.00	97.79		99.77	95.16	
8	Drop rate :	≤5%	All Generations		2.28	1.95		0.41	0.48	

**Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services**

**Report for quarter ending: Sept. 2022**

**Compliance Status**

S. No.	Parameters	Benchmarks	Generations		Compliance Status						
					Airtel	BSNL	MTNL	RJIL	VIL		
Madhya Pradesh	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	98.93		99.97	99.87
	2	Successful data transmission download attempts	>80%		All Generations		100.00	100.00		100.00	100.00
	3	Successful data transmission upload attempts	>75%		All Generations		100.00	100.00		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI		2G	Plan 1	102.85	108.33			116.86
					3G	Plan 1	NA	1502.67			3370.69
					4G	Plans	6123.38	10366.33		10581.83	8163.40
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.		2G	Plan 1	165.31	158.00			179.31
					3G	Plan 1	NA	2561.33			7072.78
4G					Plans	22299.74	25356.67		27161.83	23480.95	
6	Latency	Data <250		All Generations		79.67	109.67		53.69	66.50	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.74	98.78		99.68	97.90	
8	Drop rate :	≤5%		All Generations		1.64	1.21		0.40	1.28	
Mumbai	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00		99.17	99.75	99.67
	2	Successful data transmission download attempts	>80%		All Generations		100.00		100.00	100.00	100.00
	3	Successful data transmission upload attempts	>75%		All Generations		100.00		100.00	100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI		2G	Plan 1	76.58		57.97		171.44
					3G	Plan 1	NA		691.52		
					4G	Plans	5487.86			3895.15	16401.95
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.		2G	Plan 1	168.37		90.35		208.17
					3G	Plan 1	NA		786.11		
4G					Plans	8925.64			18557.40	37223.82	
6	Latency	Data <250		All Generations		71.50		230.11	40.58	57.75	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.84		100.00	99.63	99.26	
8	Drop rate :	≤5%		All Generations		1.96		3.80	0.32	0.55	

**Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services**

**Report for quarter ending: Sept. 2022**

**Compliance Status**

	S. No.	Parameters	Benchmarks	Generations		Compliance Status				
						Airtel	BSNL	MTNL	RJIL	VIL
North East	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	100.00		99.99	98.98
	2	Successful data transmission download attempts	>80%	All Generations		100.00	100.00		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	100.00		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	99.05	17.76			173.00
				3G	Plan 1	NA	229.33			3809.00
				4G	Plans	9954.99	357.00		8161.76	11916.00
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	125.42	184.66			216.91
				3G	Plan 1	NA	1173.00			6428.84
4G				Plans	12985.07	3138.66		21698.40	20472.05	
6	Latency	Data <250	All Generations		161.00	118.60		53.85	84.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.32	96.75		98.66	96.90	
8	Drop rate :	≤5%	All Generations		1.36	2.25		0.48	2.87	
Odisha	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	100.00		99.94	99.57
	2	Successful data transmission download attempts	>80%	All Generations		100.00	100.00		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	100.00		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	176.33	34.00			116.93
				3G	Plan 1	NA	345.00			7258.61
				4G	Plans	8291.01	1916.33		7254.19	18544.00
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	214.03	70.27			223.31
				3G	Plan 1	NA	1150.75			12144.33
4G				Plans	18640.17	3956.00		28511.58	34889.39	
6	Latency	Data <250	All Generations		107.13	134.15		52.27	27.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.82	95.62		99.66	99.69	
8	Drop rate :	≤5%	All Generations		1.39	2.87		0.35	1.54	



## Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Sept. 2022

Compliance Status

	S. No.	Parameters	Benchmarks	Generations		Compliance Status				
						Airtel	BSNL	MTNL	RJIL	VIL
<b>Punjab</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	100.00		99.89	98.64
	2	Successful data transmission download attempts	>80%	All Generations		100.00	98.45		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	97.86		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	12.27	107.60			97.20
				3G	Plan 1	NA	2119.20			3408.98
				4G	Plans	2066.67	4104.00		6764.56	8112.42
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	143.19	145.80			156.53
				3G	Plan 1	NA	3362.40			7046.94
4G				Plans	18633.33	4517.30		15650.28	21118.12	
6	Latency	Data <250	All Generations		151.83	125.13		53.21	45.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.58	98.73		99.31	97.71	
8	Drop rate :	≤5%	All Generations		1.48	1.26		0.29	1.81	
<b>Rajasthan</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	98.34		99.93	99.56
	2	Successful data transmission download attempts	>80%	All Generations		100.00	100.00		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	100.00		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	114.16	112.64			82.57
				3G	Plan 1	NA	3105.36			2009.40
				4G	Plans	17246.39			11940.99	9072.00
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	132.69	136.53			146.05
				3G	Plan 1	NA	5657.62			6316.00
4G				Plans	27342.58			26857.77	22464.90	
6	Latency	Data <250	All Generations		101.50	156.24		60.17	42.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.73	100.00		99.46	99.80	
8	Drop rate :	≤5%	All Generations		0.81	0.16		0.39	0.63	

**Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services**

**Report for quarter ending: Sept. 2022**

**Compliance Status**

	S. No.	Parameters	Benchmarks	Generations		Compliance Status				
						Airtel	BSNL	MTNL	RJIL	VIL
<b>Tamilnadu</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		99.67	100.00		99.90	96.88
	2	Successful data transmission download attempts	>80%	All Generations		100.00	98.10		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	97.97		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	107.55	50.50			101.43
				3G	Plan 1	NA	652.61			4033.00
				4G	Plans	9642.63	1545.96		6564.30	10323.00
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	190.24	106.27			177.44
				3G	Plan 1	NA	2532.72			8065.00
4G				Plans	18087.68	3709.99		20911.83	20741.00	
6	Latency	Data <250	All Generations		144.25	213.36		47.61	32.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.85	99.26		99.65	98.39	
8	Drop rate :	≤5%	All Generations		0.58	1.19		0.34	1.48	
<b>Uttar Pradesh (East)</b>	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		100.00	96.21		99.97	99.56
	2	Successful data transmission download attempts	>80%	All Generations		100.00	83.32		100.00	100.00
	3	Successful data transmission upload attempts	>75%	All Generations		100.00	78.79		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	91.70	113.33			70.10
				3G	Plan 1	NA	3040.00			3274.19
				4G	Plans	4736.28	16050.99		6686.35	7663.90
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	266.74	127.52			144.36
				3G	Plan 1	NA	2988.67			6680.85
4G				Plans	10160.99	16748.67		25910.04	16984.68	
6	Latency	Data <250	All Generations		172.67	132.31		47.49	26.00	
7	PDP Context Activation Success Rate	≥95%	All Generations		99.08	99.94		99.65	98.60	
8	Drop rate :	≤5%	All Generations		1.67	0.91		0.33	1.18	

## Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Sept. 2022

Compliance Status

S. No.	Parameters	Benchmarks	Generations		Compliance Status						
					Airtel	BSNL	MTNL	RJIL	VIL		
Uttar Pradesh (West)	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	97.17		99.97	99.79
	2	Successful data transmission download attempts	>80%		All Generations		99.83	94.40		100.00	100.00
	3	Successful data transmission upload attempts	>75%		All Generations		99.83	91.33		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	81.06	97.00				68.00
				3G	Plan 1	NA	1980.00				1573.00
				4G	Plans	7655.24	13714.00			8116.93	6830.00
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	114.89	163.66				92.00
				3G	Plan 1	NA	2968.33				5935.00
4G				Plans	12012.34	24520.66			21691.71	17216.00	
6	Latency	Data <250		All Generations		89.33	225.00		47.50	43.00	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.52	96.46		99.70	99.58	
8	Drop rate :	≤5%		All Generations		0.69	2.66		0.33	1.97	
West Bengal	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.		All Generations		100.00	97.94		99.99	99.94
	2	Successful data transmission download attempts	>80%		All Generations		100.00	100.00		100.00	98.67
	3	Successful data transmission upload attempts	>75%		All Generations		100.00	100.00		100.00	100.00
	4	Minimum download speed	To be measured for each plan by the service provider and reported to TRAI	2G	Plan 1	50.30	9.98				153.00
				3G	Plan 1	NA	405.36				3569.00
				4G	Plans	6029.03	529.90			11887.20	11645.00
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	100.39	162.40				197.00
				3G	Plan 1	NA	1901.70				7570.00
4G				Plans	10127.92	6020.13			23917.73	24326.00	
6	Latency	Data <250		All Generations		74.59	107.00		50.21	73.00	
7	PDP Context Activation Success Rate	≥95%		All Generations		99.72	95.70		99.77	99.91	
8	Drop rate :	≤5%		All Generations		1.21	1.80		0.28	1.34	
Note: NA means not applicable											