

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider												
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Andhra Pradesh	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.74	95		99.95						100	97	98.70
				2G (GSM)			100.00									
				3G			100.00									
				CDMA												
				HSD												
				All Generations											100	100
				2G (GSM)	100.00	100	96.76	100.00								
				3G	100.00	100	97.07	100.00								100.00
				CDMA												
				HSD												
				All Generations											100	100
				2G (GSM)	100.00	100	91.98	100.00								
				3G	100.00	100	95.52	100.00								100.00
				CDMA												
				HSD												
				All Generations												
				2G (GSM)	100.00	100										
				3G	100.00	100										
				CDMA												
				HSD												
				CDMA												
				Plan 1									88 (X-RNC_PAYG)	70 (Photon Whiz)		
				Plan 2									77 (RNC_PAYG)	117 (EDGE)	92.2	179.01 (Rs 125 Plan with 1GB)
				Plan 3												
				2G	114.93	154.17	30.59 (Data plan-96,1499,2799,3999)	129 (Open Plan)								
				Plan 1												
				Plan 2												
				Plan 3												
				3G	2389.33	2077.86	996.32 (Data plan-96,1499,2799,3999)	2283 ((Open Plan)								
				Plan 1												
				Plan 2												
				Plan 3												
				4G Plans												
				CDMA												
				Plan 1									110 (X-RNC_PAYG)	75 (Photon Whiz)		
				Plan 2									815 (HSD)	1989 (Photon Plus)		
			Plan 3													
			2G	166.89	177.69	127.95 (Data plan-96,1499,2799,3999)	132 (Open Plan)						128 (EDGE)	174.3	201.86 (Rs 125 Plan with 1GB)	
			Plan 1													
			Plan 2													
			Plan 3													
			3G	5533.01	2525.14	3246.71 (Data plan-96,1499,2799,3999)	4265 (Open Plan)									
			Plan 1													
			Plan 2													
			Plan 3													
			4G Plans													
			All Generations											105	136.8	
			2G (GSM)	128.07	119	209.75	123									
			3G	28.78	37.3	74.84	27									
			CDMA													
			HSD													
			All Generations													
			2G (GSM)	99.51	99.46	99.71	99.08									
			3G	99.51	99.14	99.57	98.07									
			CDMA													
			HSD													
			All Generations													
			2G (GSM)	0.96	1.25	0.69	1.01							0.9	0.5	
			3G	0.44	0.47	0.53	0.63									
			CDMA													
			HSD													
			All Generations													
			2G (GSM)													
			3G													
			CDMA													
			HSD													

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

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				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Assam	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.11	100	95.00	100.00									99.93	
				2G (GSM)									100.00					
				3G														
				HSD														
	2	Successful data transmission download attempts	>80%	All Generations			99.00											
				2G (GSM)	100.00	100		100.00										99.98
				3G	100.00	100							96.69					100.00
				CDMA														
	3	Successful data transmission upload attempts	>75%	All Generations			99.00											
				2G (GSM)	100.00	100		100.00										99.98
				3G	100.00	100							100.00					100.00
				CDMA														
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1													
					Plan 2													
					Plan 3													
				2G	Plan 1	122.05	140.54		76 (Open Plan)									141.36 (Pack @699)
					Plan 2													
					Plan 3													
				3G	Plan 1	1312.34	1549		473.88									3576.52
					Plan 2													
					Plan 3													
				4G	Plans								889.2 (HSD)					
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1													
					Plan 2													
					Plan 3													
				2G	Plan 1	173.61	194.92		114 (Open Plan)									162.10 (Pack @699)
					Plan 2													
					Plan 3													
				3G	Plan 1	3307.34	3016.67		17948.00									5072.60
					Plan 2													
					Plan 3													
				4G	Plans								1890.55 (HSD)					
6	Latency	Data <250ms	All Generations			169.04												
			2G (GSM)	122.67	233		101										178.00	
			3G	36.50	36.9							83.57					62.33	
			CDMA															
7	PDP Context Activation Success Rate	>95%	All Generations			98.57												
			2G (GSM)	99.83	99.72		99.63										99.63	
			3G	99.83	99.89							100.00					99.26	
			CDMA															
8	Drop rate :	≤5%	All Generations			1.17												
			2G (GSM)	1.31	1.04		0.18										2.92	
			3G	0.53	0.77							0.82					0.28	
			CDMA															

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				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Bihar and Jharkhand	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.98	99		99.97						99	91	99.91
				2G			100.00									
				3G			100.00						100.00			
				CDMA									100.00			
				HSD												
	2	Successful data transmission download attempts	>80%	All Generations										100	100	100.00
				2G (GSM)	100.00	99.83	100.00	100.00								
				3G	100.00	100	100.00						99.00			
				CDMA									100.00			
				HSD												
	3	Successful data transmission upload attempts	>75%	All Generations										100	100	100.00
				2G (GSM)	100.00	99.87	100.00	100.00								
				3G	100.00	100	100.00						100.00			
				CDMA									100.00			
				HSD												
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1								99.26 (IX - RNC_PAYG)	40 (Photon Whiz)		
					Plan 2									948 (Photon Plus)		
					Plan 3											
				2G	Plan 1											136.17(VMC+VFL_3GB_30d_2G_2G RC 199_Y_2G)
					Plan 2	114.94	171.72	50.1 (2G Postpaid)	85 (Open Plan)					19 (EDGE)	118.9	
					Plan 3			50.1 (Prepaid Data Plans)								
				3G	Plan 1			569.4 (3G Postpaid Data Plans)								
					Plan 2	1839.79	2833.32	569.4 (3G Prepaid Data Plan)								
					Plan 3								1590.83 (HSD)			
				4G	Plans											
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1								129.55 (IX - RNC_PAYG)	69 (Photon Whiz)		
					Plan 2									1497 (Photon Plus)		
					Plan 3											
			2G	Plan 1											172.60(VMC+VFL_3GB_30d_2G_2G RC 199_Y_2G)	
				Plan 2	187.34	201.17	99.6 (2 G Postpaid Data Plans)	118 (Open Plan)					125 (EDGE)	129.3		
				Plan 3			99.6 (Prepaid 2G Data)									
			3G	Plan 1			1601.8 (3G Postpaid Data Plan)									
				Plan 2	3358.72	3864.51	1601.8 (3G Prepaid Data Plan)									
				Plan 3								2485.95 (HSD)				
			4G	Plans												
6	Latency	Data <250ms	All Generations										96.06	174.4	125.1	
			2G (GSM)	107.14	244	244.30	239									
			3G	28.89	64.20	151.50						43.03				
			CDMA									178.63				
			HSD													
7	PDP Context Activation Success Rate	>95%	All Generations										98.36	97	99.17	
			2G (GSM)	99.26	99.30	95.40	98.82									
			3G	99.26	99.89	95.50						100.00				
			CDMA									97.69				
			HSD													
8	Drop rate :	≤5%	All Generations										0.80	0.9	3.54	
			2G (GSM)	1.51	1.57		1.09									
			3G	1.17	0.10	0.90						0.94				
			CDMA									1.90				
			HSD													

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				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Chennai	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations														
						97	100.00											
	2	Successful data transmission download attempts	>80%	All Generations														
						100	96.60											
						100	95.52											
				CDMA														
	3	Successful data transmission upload attempts	>75%	All Generations														
						100	95.79											
						100	96.02											
				CDMA														
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1													
					Plan 2													
					Plan 3													
				2G	Plan 1		195.69											
					Plan 2													
					Plan 3			61.00										
				3G	Plan 1		4439.57											
					Plan 2													
					Plan 3			2068.00										
				4G	Plans													
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1													
					Plan 2													
					Plan 3													
				2G	Plan 1		236.06											
					Plan 2			152.00										
					Plan 3													
				3G	Plan 1		5153.81											
					Plan 2			2795.00										
				Plan 3														
			4G	Plans														
6	Latency	Data <250ms	All Generations															
						234	216.00											
						25.0	186.00											
			3G															
			CDMA															
7	PDP Context Activation Success Rate	>95%	All Generations															
						100	98.51											
						100	98.31											
			2G (GSM)															
			3G															
			CDMA															
8	Drop rate :	<5%	All Generations															
						0.77	3.57											
						0.13	2.62											
			2G (GSM)															
			3G															
			CDMA															

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				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
Delhi	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	98.20	99		99.99	98.76	100				100		99.24	
				CDMA													
				GSM													
				3G													
				HSD													
	2	Successful data transmission download attempts	>80%	All Generations											100		
				2G (GSM)	100.00	99.81		100.00	93.32								98.78
				3G		100		100.00	96.68								99.72
				CDMA						100							
				HSD													
	3	Successful data transmission upload attempts	>75%	All Generations											100		
				2G (GSM)	100.00	99.81		100.00	90.49								97.83
				3G		100		100.00	94.37								99.33
				CDMA						100							
				HSD													
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						936 (Mblaze)			97.7 (IX - RNC_PAYG)		64 (Photon Whiz)	
					Plan 2						2753 (Mblaze ultra)				1690 (Photon Plus)		
					Plan 3										2632 (Photon Max)		
				2G	Plan 1	90.32	79.27		79(Open Plan)	80.77				87.2 (RNC_PAYG)			81.99(Rs 125 Rental plan with 1GB free)
					Plan 2												
					Plan 3												
				3G	Plan 1		1864.28		2630 (Open Plan)	692.50				1851.3 (5 GB Unlimited)			1168.96(Rs 250 Rental plan with 1GB free)
					Plan 2												
					Plan 3												
				4G	Plans												
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1						1498 (Mblaze)			114.0 (IX - RNC_PAYG)		81 (Photon Whiz)	
					Plan 2						3794 (Mblaze ultra)				2184 (Photon Plus)		
					Plan 3										3910 (Photon Max)		
				2G	Plan 1	152.33	113.99		149 (Open Plan)	85.67				153.2 (RNC_PAYG)			181.12(Rs 125 Rental plan with 1GB free)
					Plan 2												
					Plan 3												
				3G	Plan 1		2570.06		4953 (Open Plan)	910.10				3073.6 (5 GB Unlimited)			2493.93(Rs 250 Rental plan with 1GB free)
				Plan 2													
				Plan 3													
			4G	Plans													
6	Latency	Data <250ms	All Generations						153.33					65.6			
			2G (GSM)	127.62	203		130						90.87			230.67	
			3G		77.9		79						23.43			73.67	
			CDMA							62			158.49				
			HSD										36.86				
7	PDP Context Activation Success Rate	≥95%	All Generations						96.53					96.49			
			2G (GSM)	97.01	99.87		99.71						98.95			99.90	
			3G		99.98		98.29						99.18			98.59	
			CDMA							98.6			98.26				
			HSD										98.26				
8	Drop rate :	≤5%	All Generations						3.30					1.358			
			2G (GSM)	1.51	1.07		0.34						4.13			1.54	
			3G		0.50		0.65						0.86			1.45	
			CDMA							1.2			0.77				
			HSD										0.61				

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				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
Gujarat	1	Service Activation /Provisioning success rate.	Within 4 hrs with 95% success rate.	All Generations	98.48	92	98.00	99.99		100				99	95	99.54	
				2G (GSM)													
				CDMA													
				HSD													
	2	Successful data transmission download attempts	>80%	All Generations			97.70							100	100		
				2G (GSM)	94.03	100		100.00								99.61	
				3G		100		100.00								100.00	
				CDMA						100							
				HSD													
	3	Successful data transmission upload attempts	>75%	All Generations			90.30							100	100		
				2G (GSM)	99.84	100		100.00								98.76	
				3G		100		100.00								100.00	
				CDMA						100							
				HSD													
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						882 (Mblaze)		53.56 (IX - RNC_PAYG)	80 (Photon Whiz)			
					Plan 2						1215 (Mblaze ultra)		675.67 (HSD)	1489 (Photon Plus)			
					Plan 3									3235 (Photon Max)			
				2G	Plan 1	114.68	83.55		93 (Open Plan)				52.13 (RNC_PAYG)	65 (EDGE)	80.8	84.97 (2G MI199)	
					Plan 2												
					Plan 3												
				3G	Plan 1		2182.16	1120 Kbps	2478 (Open Plan)							1868.67 (3G MI850)	
					Plan 2									1408 (Photon 3G)			
					Plan 3									6036 (Photon3G+)			
				4G	Plans												
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1						1486 (Mblaze)		115.23 (IX - RNC_PAYG)	83 (Photon Whiz)			
					Plan 2						2565 (Mblaze ultra)		1170.67 (HSD)	1770 (Photon Plus)			
					Plan 3									3582 (Photon Max)			
				2G	Plan 1	167.97	169.77		160 (Open Plan)				113.15 (RNC_PAYG)	114 (EDGE)	136.3	139 (2G MI199)	
				Plan 2													
				Plan 3													
			3G	Plan 1		5707.52	1633 Kbps	4648 (Open Plan)							4563.40 (3G MI850)		
				Plan 2									2888 (Photon 3G)				
				Plan 3									6266 (Photon3G+)				
			4G	Plans													
6	Latency	Data <250ms	All Generations				220ms						58.6				
			2G (GSM)	107.00	240		105.00					270.73		217.8	122.33		
			3G		88.1		67.00								28.33		
			CDMA						84			167.10					
			HSD									43.06					
7	PDP Context Activation Success Rate	≥95%	All Generations				96.60						98.8				
			2G (GSM)	98.05	99.38		100.00					100.00		99	99.91		
			3G		99.51		100.00								99.76		
			CDMA						97.6			98.26					
			HSD									98.26					
8	Drop rate :	≤5%	All Generations				2.00						2.2				
			2G (GSM)	0.68	2.82		0.18					0.64		0.78	4.63		
			3G		0.89		0.72								0.47		
			CDMA						1.4			0.71					
			HSD									0.54					

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HP	1	Service Activation /Provisioning success rate.	Within 4 hrs with 95% success rate.	All Generations	99.94	100	100.00	100.00						100		99.90		
				2G (GSM)									100.00					
				3G														
				CDMA								100.00						
	2	Successful data transmission download attempts	>80%	All Generations			92.00								100			
					2G (GSM)	100.00	100		100.00					100.00		100.00		
					3G		100		100.00					100.00				
					CDMA							100.00						
	3	Successful data transmission upload attempts	>75%	All Generations			90.00								100			
					2G (GSM)	100.00	100		100.00					100.00		100.00		
					3G		100		100.00					100.00				
					CDMA							100.00						
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1									114.56 (X-RNC_PAYG)	53 (Photon Whiz)			
					Plan 2										508 (Photon Plus)			
					Plan 3													
				2G	Plan 1	97.26	92	85.00	82 (Open Plan)						90.21 (RNC_PAYG)	67 (EDGE)	54.10(Talk invitation 50)	
					Plan 2													
					Plan 3													
				3G	Plan 1		1966.08	807.00	1051 (Open Plan)									
					Plan 2													
					Plan 3													
				4G	Plans											1053.81 (HSD)		
					Plan 1													
					Plan 2													
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1									123.36 (X-RNC_PAYG)	71 (Photon Whiz)			
					Plan 2										1011 (Photon Plus)			
					Plan 3													
				2G	Plan 1	156.30	134.33	117.00	146 (Open Plan)						151.17 (RNC_PAYG)	95 (EDGE)	134.77(Talk invitation 50)	
Plan 2																		
Plan 3																		
3G	Plan 1		5191.68	1364.00	2138 (Open Plan)													
	Plan 2																	
	Plan 3																	
4G	Plans											2165.36 (HSD)						
	Plan 1																	
	Plan 2																	
6	Latency <250ms	Data	All Generations			178.00								123.98				
				2G (GSM)	124.50	218		118					89.16		122.5			
				3G		179		101					37.41					
				CDMA							163.87							
7	PDP Context Activation Success Rate	≥95%	All Generations			99.40								98.24				
				2G (GSM)	99.46	99.97		100.00				99.72		99.68				
				3G		99.96		100.00				98.28						
				CDMA							97.60							
8	Drop rate :	≤5%	All Generations			1.10								1.17				
				2G (GSM)	0.95	1.19		0.67				4.81		4.29				
				3G		0.54		2.44				1.02						
				CDMA							0.29							
HSD	Plans																	
	Plan 1																	
	Plan 2																	
	Plan 3																	

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Haryana	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	100.00	98	99.67	99.78										99.86
				2G (GSM)														
				CDMA														
				HSD														
	2	Successful data transmission download attempts	>80%	All Generations			87.00									100		
				2G (GSM)	100.00	100		100.00										100.00
				3G		100		100.00										100.00
				CDMA														
				HSD														
	3	Successful data transmission upload attempts	>75%	All Generations			83.00								100			
				2G (GSM)	100.00	100		100.00										100.00
				3G		100		100.00										100.00
				CDMA														
				HSD														
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA Plan 1														
				Plan 2														
				Plan 3														
				2G Plan 1	121.57	138	69.33	101 (Open Plan)										132.65 (PLAN - 198 Rs/2GB)
				Plan 2														
				Plan 3														
				3G Plan 1		1375.57	924.00	2291 (Open Plan)										4330.41 ((PLAN - 198 Rs/2GB)
				Plan 2														
				Plan 3														
				4G Plans														
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA Plan 1														
				Plan 2														
				Plan 3														
				2G Plan 1	169.11	177.00	88.33	160 (Open Plan)										182.25(PLAN - 198 Rs/2GB)
			Plan 2															
			Plan 3															
			3G Plan 1		3495.25	1527.67	3757 (Open Plan)										7463.88(PLAN - 198 Rs/2GB)	
			Plan 2															
			Plan 3															
			4G Plans															
			CDMA Plan 1															
			Plan 2															
			Plan 3															
			2G Plan 1															
			Plan 2															
			Plan 3															
			3G Plan 1															
			Plan 2															
			Plan 3															
			4G Plans															
6	Latency	Data <250ms	All Generations			198.00												
			2G (GSM)	139.52	220		129										103.55	
			3G		138.3		33										18.08	
			CDMA															
			HSD															
			All Generations			98.14												
			2G (GSM)	99.89	99.97		99.89										99.88	
			3G		99.91		98.53										99.71	
			CDMA															
			HSD															
			All Generations			1.00												
			2G (GSM)	1.09	0.80		1.02										3.96	
			3G		0.05		1.92										0.74	
			CDMA															
			HSD															
			All Generations															
			2G (GSM)															
			3G															
			CDMA															
			HSD															

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Jammu and Kashmir	1	Service Activation /Provisioning success rate.	Within 4 hrs with 95% success rate.	All Generations	99.66	99	95.00	100.00									99.57	
				2G (GSM)														
				3G														
				HSD														
				All Generations			91.00											
				2G (GSM)	100.00	100		100.00										98.30
				3G	100.00	100		100.00										
				CDMA														
				HSD														
				All Generations			85.00											
				2G (GSM)	100.00	100		100.00										95.28
				3G	100.00	100		100.00										
				CDMA														
				HSD														
				CDMA														
				Plan 1														
				Plan 2														
				Plan 3														
				2G	158.82	182.40	10.00	127 (Open Plan)								120.79 (RNC_PAYG)		119.87(Plan-99_1GB)
				Plan 1														
				Plan 2														
				Plan 3														
				3G	2806.61	2263.04	274.00	2150 (Open Plan)								1951.22 (5 GB Unlimited)		
				Plan 1														
				Plan 2														
				Plan 3														
				4G														
				Plans														
				CDMA														
				Plan 1														
				Plan 2														
				Plan 3														
			2G	177.71	202.15	12.00	160 (Open Plan)								215.14 (RNC_PAYG)		168.98(Plan-99_1GB)	
			Plan 1															
			Plan 2															
			Plan 3															
			3G	3132.47	2880.85	293.00	2594 (Open Plan)								3604.67 (5 GB Unlimited)			
			Plan 1															
			Plan 2															
			Plan 3															
			4G															
			Plans															
			All Generations			146.00												
			2G (GSM)	107.83	215		192								109.37		139.5	
			3G	109.17	140.0		175								94.60			
			CDMA															
			HSD															
			All Generations			96.00												
			2G (GSM)	99.58	99.85		100.00								99.83		99.98	
			3G	99.58	100		100.00								99.36			
			CDMA															
			HSD															
			All Generations			0.00												
			2G (GSM)	1.32	1.21		0.21								2.07		3.06	
			3G	2.44	0.52		2.35								0.74			
			CDMA															
			HSD															

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider												
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Kolkata	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.84	93		99.89		100				99		99.83
				2G (GSM)									100.00			
				3G												
				CDMA									100.00			
				HSD									100.00			
	2	Successful data transmission download attempts	>80%	All Generations			96.30								99.99	
				2G (GSM)	100.00	100		100.00						100.00		99.57
				3G	100.00	100		100.00						100.00		99.64
				CDMA						100			100.00			
				HSD									100.00			
				PRO3 Plans									100.00			
	3	Successful data transmission upload attempts	>75%	All Generations			94.30								99.94	
				2G (GSM)	100.00	100		100.00						100.00		99.66
				3G	100.00	100		100.00						100.00		99.87
				CDMA						100			100.00			
				HSD									100.00			
				PRO3 Plans									100.00			
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA Plan 1						527 (Mblaze)			79.05 (X-RNC_PAYG)		51 (Photon Whiz)	
				Plan 2						1506 (Mblaze ultra)			156.87 (HSD)		1034 (Photon Plus)	
				Plan 3											1427 (Photon Max)	
				2G Plan 1	76.37	107.88	33.30	138 (Open Plan)						90.75 (RNC_PAYG)	46 (EDGE)	142.16 (Postpaid PayG Unlimited)
				Plan 2												
				Plan 3												
				3G Plan 1	1058.13	2046.07	491.60	3313 (Open Plan)								2663.56 (Postpaid PayG Unlimited)
				Plan 2												
				Plan 3										1411.61 (HSD)		
				4G Plans												
				PRO3 Plans									188.58			
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA Plan 1						674 (Mblaze)			87.74 (X-RNC_PAYG)		69 (Photon Whiz)	
				Plan 2						2448 (Mblaze ultra)			198.13 (HSD)		1402 (Photon Plus)	
				Plan 3											2289 (Photon Max)	
				2G Plan 1	149.22	212.13	61.00	148 (Open Plan)						146.90 (RNC_PAYG)	110 (EDGE)	195.63 (Postpaid PayG Unlimited)
			Plan 2													
			Plan 3													
			3G Plan 1	4089.17	3079.47	880.00	5418 (Open Plan)								6664.53 (Postpaid PayG Unlimited)	
			Plan 2													
			Plan 3										2155.06 (HSD)			
			4G Plans													
			PRO3 Plans									250.47				
6	Latency	Data <250ms	All Generations			106.00								99.46		
			2G (GSM)	110.50	150		139						88.18		134.67	
			3G	42.00	41.7		85						31.00		50.67	
			CDMA						77			206.33				
			HSD									63.11				
			PRO3 Plans									84.72				
7	PDP Context Activation Success Rate	>95%	All Generations											98.29		
			2G (GSM)	99.84	99.73	99.94	98.16						99.98		99.69	
			3G	99.84	99.95	99.93	98.56						99.55		98.92	
			CDMA						97.7			98.00				
			HSD									98.00				
8	Drop rate :	≤5%	All Generations											1.44		
			2G (GSM)	1.28	1.34		1.13						1.07		2.17	
			3G	1.65	0.07		2.18						1.03		0.31	
			CDMA						1.3			1.27				
			HSD									0.82				
			PRO3 Plans									0.02				

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider																
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone					
Kerala	1	Service Activation /Provisioning success rate.	Within 4 hrs with 95% success rate.	All Generations	99.96	95	97.00	100.00		99				100		99.10				
	2	Successful data transmission download attempts	>80%	2G (GSM)			96.00							100						
				CDMA																
				3G	90.00	100		100.00							99.43					
				HSD	90.00					100		100.00				100.00				
	3	Successful data transmission upload attempts	>75%	All Generations			96.00							100						
				2G (GSM)	95.00	100		100.00							99.35					
				3G	95.00			100.00								100.00				
				CDMA						99.8		100.00								
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						502 (Mblaze)		111.14 (IX-RNC_PAYGO)		77 (Photon Whiz)					
					Plan 2						1016 (Mblaze ultra)		810.86 (HSD)		861 (Photon Plus)					
					Plan 3										1561 (Photon Max)					
				2G	Plan 1	104.86	79.9	36Kbps	104 (Open Plan)					116.75 (RNC_PAYG)		34 (EDGE)		74.77(3GB VMC 199 plan)		
					Plan 2															
					Plan 3															
				3G	Plan 1	2244.94		475Kbps	2041 (Open Plan)									5932.45		
					Plan 2											1351 (Photon 3G)				
					Plan 3											2775 (Photon3G+)				
				5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1						1067 (Mblaze)		125.58 (IX-RNC_PAYG)		87 (Photon Whiz)		
								Plan 2						1916 (Mblaze ultra)		934.15 (HSD)		1923 (Photon Plus)		
								Plan 3										2862 (Photon Max)		
	2G	Plan 1	199.25				139	99Kbps	131 (Open Plan)					193.19 (RNC_PAYG)		120 (EDGE)		147.82(3GB VMC 199 plan)		
		Plan 2																		
		Plan 3																		
	3G	Plan 1	3334.21					1292Kbps	3127 (Open Plan)									8219.32		
		Plan 2														4115 (Photon 3G)				
		Plan 3														5668 (Photon3G+)				
	6	Latency <250ms	Data	All Generations			163.00								58.0					
				2G (GSM)	76.13	218		137				104.81			83.00					
				3G	35.23			62							27.67					
				CDMA						106		154.95								
				HSD								39.96								
7	PDP Context Activation Success Rate	>95%	All Generations			98.00							98.8							
			2G (GSM)	98.05	99.99		99.80				99.83			99.54						
			3G	98.05			98.92							97.64						
			CDMA						99.4		97.12									
8	Drop rate :	<5%	All Generations			0.00							1.3							
			2G (GSM)	2.62	0.7		0.79				4.85			3.03						
			3G	0.11			1.46							0.44						
			CDMA						1.6		0.86									
			HSD								0.79									

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider												
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Karnataka	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.58	97	100.00	99.74		100				99		98.27
				2G (GSM)												
				CDMA												
				HSD												
	2	Successful data transmission download attempts	>80%	All Generations										100		
				2G (GSM)	100.00	100	96.12	100.00								97.41
				3G	100.00	100	97.43									98.76
				CDMA												
				HSD						100						
				PRO3												
	3	Successful data transmission upload attempts	>75%	All Generations											100	
				2G (GSM)	100.00	100	100.00	100.00								95.65
				3G	100.00	100	100.00									99.13
				CDMA							100					
				HSD												
				PRO3												
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						646 (Mblaze)		70.45 (IX-RMC_PAYG)		56.47 (Photon Whiz)	
					Plan 2										811.33 (Photon Plus)	
					Plan 3					899 (Mblaze ultra)		725.42 (HSD)			1120.67 (Photon Max)	
				2G	Plan 1											118.38(2 GB unlimited @ MRP 199)
					Plan 2	151.70	146.21	16.42	130 (Open Plan0)				73.89 (RNC_PAYG)		76.31 (EDGE)	
					Plan 3											
				3G	Plan 1	2896.30	1977.96	447.08								1529.30
					Plan 2											
					Plan 3											
				4G	Plans											
				PRO3	Plans								2295.33			
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1						1237 (Mblaze)		120.41 (IX-RNC_PAYG)		72.43 (Photon Whiz)	
					Plan 2						1587 (Mblaze ultra)		1592.03 (HSD)		1379.92 (Photon Plus)	
					Plan 3										1613.33 (Photon Max)	
				2G	Plan 1											164.82 (2 GB unlimited @ MRP 199)
					Plan 2	181.52	193.04	63.21	155 (Open Plan)				132.51 (RNC_PAYG)		114.12 (EDGE)	
					Plan 3											
				3G	Plan 1	7036.79	3376.70	1672.12								5281.60
					Plan 2											
					Plan 3											
				4G	Plans											
				PRO3	Plans								3208.00			
	6	Latency	Data <250ms	All Generations				137.92							72.5	
				2G (GSM)	89.45	98		145.00								234.58
			3G	32.82	77.2										47.00	
			CDMA							108						
			HSD													
			PRO3	Plans												
7	PDP Context Activation Success Rate	>95%	All Generations				28.00							98.8		
			2G (GSM)	98.05	97.67		99.73								99.92	
			3G	98.05	98.12										99.51	
			CDMA													
			HSD						98.0							
			PRO3	Plans												
8	Drop rate :	<5%	All Generations				0.62							0.8		
			2G (GSM)	1.42	1.32		0.54								2.56	
			3G	0.53	0.54										0.26	
			CDMA							0.9						
			CDMA (oss)													
			HSD													
			PRO3	Plans												

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider													
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
Maharashtra	1	Service Activation /Provisioning success rate.	Within 4 hrs with 95% success rate.	All Generations	99.77	98	98.00	100.00						97	96	99.82	
				2G (GSM)													
				CDMA													
				HSD													
	2	Successful data transmission download attempts	>80%	All Generations			92.00							100	100		
				2G (GSM)	100.00	100		100.00								100.00	
				3G		100		100.00								100.00	
				CDMA													
				HSD													
	3	Successful data transmission upload attempts	>75%	All Generations			90.00							100	100		
				2G (GSM)	100.00	100		100.00								100.00	
				3G		100		100.00								100.00	
				CDMA													
				HSD													
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1									83.7 (IX - RNC_PAYG)	46.22 (Photon Whiz)		
					Plan 2										1143.7 (Photon Plus)		
					Plan 3												
				2G	Plan 1	120.34	102.84	90.00	93 (Open Plan)					71.7 (RNC_PAYG)	49.9 (EDGE)	95.7	143.35 (Rs 599 unlimited 2G Data Plan)
					Plan 2												
					Plan 3												
				3G	Plan 1												2529.56 (Unlimited 2G&3G Data Plan)
					Plan 2		998.21	2570.00	3205 (Open Plan)								
					Plan 3										3211.28 (Photon 3G)		
					Plan 3										3594.57 (Photon3G+)		
				4G	Plans												
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1									112 (IX - RNC_PAYG)	69.36 (Photon Whiz)		
					Plan 2										1634.39 (Photon Plus)		
					Plan 3												
			2G	Plan 1	125.15	158.38	113.00	137 (Open Plan)								217.18(Rs 599 unlimited 2G Data Plan)	
				Plan 2													
				Plan 3													
			3G	Plan 1												4074.05(Unlimited 2G&3G Data Plan)	
				Plan 2		3803.64	2490.00	5488 (Open Plan)									
				Plan 3										4370.95 (Photon 3G)			
				Plan 3										5404.29 (Photon3G+)			
			4G	Plans													
6	Latency	Data <250ms	All Generations			147.00								69.4			
			2G (GSM)	113.33	247		162						162.15		103.5	113.85	
			3G		66.7		146									37.50	
			CDMA										163.49				
			HSD										41.17				
7	PDP Context Activation Success Rate	≥95%	All Generations			97.50								98.5			
			2G (GSM)	98.05	99.00		99.82								99	99.90	
			3G		99.96		99.90									99.62	
			CDMA														
			HSD														
8	Drop rate :	≤5%	All Generations			2.67								1.8			
			2G (GSM)	0.81	3.50		1.02								0.9	0.73	
			3G		0.04		0.86									0.19	
			CDMA														
			HSD														

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Madhya Pradesh	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	100.00	93		100.00							100		99.65	
				2G (GSM)				97.00							100.00			
				3G				97.00										
				CDMA											100.00			
				HSD											100.00			
	2	Successful data transmission download attempts	>80%	All Generations												100		
				2G (GSM)	99.17	98.81	100.00	100.00							100.00		99.67	
				3G		98.76	100.00	100.00							100.00			
				CDMA											100.00			
				HSD											100.00			
	3	Successful data transmission upload attempts	>75%	All Generations												100		
				2G (GSM)	99.83	98.51	100.00	100.00							100.00		99.50	
				3G		98.52	100.00	100.00							100.00			
				CDMA											100.00			
				HSD											100.00			
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1										83.28(X - RNC_PAYG)	69 (Photon Whiz)		
					Plan 2										592.42 (HSD)	493 (Photon Plus)		
					Plan 3													
				2G	Plan 1													90.73(MBB_C_V_199_30d_D2GB_FU_2G)
					Plan 2	99.06	80.48		65 (Open Plan)						65.40 (RNC_PAYG)	56 (EDGE)		
					Plan 3													
				3G	Plan 1		1272.83	1432 (3G Postpaid Data Plan-FMC-75)	1159 (Open Plan)									
					Plan 2			1569 (3G Postpaid Data Plan-FMC-225)								868 (Photon 3G)		
					Plan 3			1456 (3G Postpaid Data Plan-FMC-501)							1221.58 (HSD)	3109 (Photon3G+)		
								1678 (3G Postpaid Data Plan-FMC-666)										
								1785 (3G Postpaid Data Plan-FMC-901)										
								1324 (3G Prepaid Data Recharge Vouchers-56)										
								1580 (3G Prepaid Data Recharge Vouchers-78)										
								1445 (3G Prepaid Data Recharge Vouchers-98)										
								1520 (3G Prepaid Data Recharge Vouchers-155)										
								1620 (3G Prepaid Data Recharge Vouchers-197)										
								2010 (3G Prepaid Data Recharge Vouchers-561)										
								1625 (3G Prepaid Data Recharge Vouchers-821)										
							2105 (3G Prepaid Data Recharge Vouchers-1099)											
			4G	Plans														

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughout.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Madhya Pradesh	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1								122.2 (X-RNC_PAYG)		79 (Photon Whiz)			
					Plan 2										1134 (Photon Plus)			
					Plan 3													
				2G	Plan 1	139.59	137.09		129 ((Open Plan)						144.43 (RNC_PAYG)	101 (EDGE)		167.01(MBB_C_V_199_30d_D2GB_FU_2G)
					Plan 2													
					Plan 3													
				3G	Plan 1		2093.73	1528.0 (3G Postpaid Data Plan-FMC-75)	2782 (Open Plan)									
					Plan 2			2145.0 (3G Postpaid Data Plan-FMC-225)								2575 (Photon 3G)		
					Plan 3			1958.0 (3G Postpaid Data Plan-FMC-501)							2797.77 (HSD)	5688 (Photon3G+)		
									2185.0 (3G Postpaid Data Plan-FMC-666)									
									1978.0 (3G Postpaid Data Plan-FMC-901)									
									2105 (3G Prepaid Data Recharge Vouchers-56)									
									2256 (3G Prepaid Data Recharge Vouchers-78)									
									2152 (3G Prepaid Data Recharge Vouchers-98)									
						2017.1 (3G Prepaid Data Recharge Vouchers-155)												
						1850 (3G Prepaid Data Recharge Vouchers-197)												
						2256 (3G Prepaid Data Recharge Vouchers-561)												
					1754 (3G Prepaid Data Recharge Vouchers-821)													
					1850.0 (3G Prepaid Data Recharge Vouchers-1099)													
	6	Latency	Data <250ms	4G Plans	All Generations											73.1		
					2G (GSM)	119.20	121	211.80	117					162.57		146.85		
					3G		33.3	112.70	71					99.16				
					CDMA								171.41					
					HSD								86.78					
	7	PDP Context Activation Success Rate	≥95%	All Generations	2G (GSM)	98.05	99.44	97.50	99.59					99.72		99.87		
					3G		99.41	97.40	99.29				98.00	98.28				
					CDMA													
					HSD								97.60					
All Generations															98.3			
8	Drop rate :	≤5%	All Generations	2G (GSM)	3.68	3.58		1.07					0.13		3.38			
				3G		0.03	1.20	0.50				0.85						
				CDMA								0.07						
				HSD								0.07						
				All Generations											1.8			

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider													
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
Mumbai	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.84	99		100.00	95.50					99		98.98	
				2G (GSM)													
				3G													
				CDMA													
				HSD													
	2	Successful data transmission download attempts	>80%	All Generations											100		
				2G (GSM)	100.00	100		100.00	98.36								100.00
				3G		100			99.92								100.00
				CDMA													
				HSD													
	3	Successful data transmission upload attempts	>75%	All Generations											100		
				2G (GSM)	100.00	100		100.00	99.97								99.92
				3G		100			100.00								100.00
				CDMA													
				HSD													
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1								65.2 (IX - RNC_PAYG)		23 (Photon Whiz)		
					Plan 2										488 (Photon Plus)		
					Plan 3												
				2G	Plan 1	60.92	136.57		95 (Open Plan)	29.96			67.9 (RNC_PAYG)		82 (EDGE)		143.89(VMC699U L)
					Plan 2												
					Plan 3												
				3G	Plan 1		2639.43			592.68			1986.00				4371.24 (MI 8GB)
					Plan 2												
					Plan 3												
				4G	Plans												
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1								94.1 (IX - RNC_PAYG)		68 (Photon Whiz)		
					Plan 2								1039.61 (HSD)		941 (Photon Plus)		
					Plan 3												
				2G	Plan 1	128.65	195.76		157 (Open Plan)	80.93			144.2 (RNC_PAYG)		144 (EDGE)		191.00(VMC699U L)
					Plan 2												
					Plan 3												
				3G	Plan 1		4410.98			865.20			2811.00				8139.24(MI 8GB)
				Plan 2													
				Plan 3													
			4G	Plans													
6	Latency	Data <250ms	All Generations						146.03					85.11			
			2G (GSM)	130.55	103		112					120.28				62.10	
			3G		24.0							36.80				15.48	
			CDMA									145.50					
			HSD									38.46					
7	PDP Context Activation Success Rate	≥95%	All Generations					98.56						98.11			
			2G (GSM)	98.05	99.16		99.38					100.00				99.94	
			3G		96.29							100.00				99.36	
			CDMA									98.26					
			HSD									98.26					
8	Drop rate :	≤5%	All Generations						2.04					1.44			
			2G (GSM)	1.57	4.38		0.21					0.80				2.70	
			3G		0.28							0.47				0.35	
			CDMA									0.15					
			HSD									0.44					

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
North East	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.74	100		100.00									99.97	
				2G (GSM)				100.00										
				3G				100.00										
				HSD														
	2	Successful data transmission download	>80%	All Generations														
				2G (GSM)	100.00	100		100.00	100.00									99.99
				3G	100.00	100		100.00										99.98
				CDMA														
	3	Successful data transmission upload	>75%	All Generations														
				2G (GSM)	100.00	100		100.00	100.00									99.99
				3G	100.00	100		100.00										100.00
				CDMA														
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1													
					Plan 2													
					Plan 3													
				2G	Plan 1	101.86	153.23		59.30 (Postpaid Data Plans 99)	75 (Open Plan)								141.68 (Pack @699)
					Plan 2				59.30 (Postpaid Data Plans 125)									
					Plan 3				59.30 (Postpaid Data Plans 225)									
									59.30 (Postpaid Data Plans 501)									
									59.30 (Postpaid Data Plans 901)									
									59.30 (Prepaid Data Special Tariff Vouchers-17)									
									59.30 (Prepaid Data Special Tariff Vouchers-39)									
									59.30 (Prepaid Data Special Tariff Vouchers-78)									
									59.30 (Prepaid Data Special Tariff Vouchers-98)									
									59.30 (Prepaid Data Special Tariff Vouchers-139)									
									59.30 (Prepaid Data Special Tariff Vouchers-251)									
									59.30 (Prepaid Data Special Tariff Vouchers-561)									
									59.30 (Prepaid Data Special Tariff Vouchers-821)									
									59.30 (Prepaid Data Special Tariff Vouchers-1011)									
				3G	Plan 1	1859.00	2495.33		745.18 (Postpaid Data Plans 99)									3643.19
				Plan 2				745.18 (Postpaid Data Plans 125)										
				Plan 3				745.18 (Postpaid Data Plans 225)										
								745.18 (Postpaid Data Plans 501)										
								745.18 (Postpaid Data Plans 901)										
								745.18 (Prepaid Data Special Tariff Vouchers-17)										

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
North East	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	745.18 (Prepaid Data Special Tariff Vouchers-39)													
					745.18 (Prepaid Data Special Tariff Vouchers-78)													
					745.18 (Prepaid Data Special Tariff Vouchers-98)													
					745.18 (Prepaid Data Special Tariff Vouchers-139)													
					745.18 (Prepaid Data Special Tariff Vouchers-251)													
					745.18 (Prepaid Data Special Tariff Vouchers-561)													
					745.18 (Prepaid Data Special Tariff Vouchers-821)													
					745.18 (Prepaid Data Special Tariff Vouchers-1011)													
					Plans													
					Plan 1													
				Plan 2														
				Plan 3														
				2G	Plan 1	176.23	199.59	135.02 (Postpaid Data Plans 99)	99 (Open Plan)									159.25 (Pack @699)
					Plan 2			135.02 (Postpaid Data Plans 125)										
					Plan 3			135.02 (Postpaid Data Plans 225)										
								135.02 (Postpaid Data Plans 501)										
								135.02 (Postpaid Data Plans 901)										
								135.02 (Prepaid Data Special Tariff Vouchers-17)										
								135.02 (Prepaid Data Special Tariff Vouchers-39)										
								135.02 (Prepaid Data Special Tariff Vouchers-78)										
			135.02 (Prepaid Data Special Tariff Vouchers-98)															
			135.02 (Prepaid Data Special Tariff Vouchers-139)															
			135.02 (Prepaid Data Special Tariff Vouchers-251)															

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider													
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
North East						135.02 (Prepaid Data Special Tariff Vouchers-561)											
						135.02 (Prepaid Data Special Tariff Vouchers-821)											
						135.02 (Prepaid Data Special Tariff Vouchers-1011)											
			3G	Plan 1	2868.21	3535.00	1846.51 (Postpaid Data Plans 99)										5136.86
				Plan 2			1846.51 (Postpaid Data Plans 125)										
				Plan 3			1846.51 (Postpaid Data Plans 225)										
							1846.51 (Postpaid Data Plans 501)										
							1846.51 (Postpaid Data Plans 901)										
							1846.51 (Prepaid Data Special Tariff Vouchers-17)										
							1846.51 (Prepaid Data Special Tariff Vouchers-39)										
							1846.51 (Prepaid Data Special Tariff Vouchers-78)										
							1846.51 (Prepaid Data Special Tariff Vouchers-98)										
							1846.51 (Prepaid Data Special Tariff Vouchers-139)										
							1846.51 (Prepaid Data Special Tariff Vouchers-251)										
							1846.51 (Prepaid Data Special Tariff Vouchers-561)										
							1846.51 (Prepaid Data Special Tariff Vouchers-821)										
							1846.51 (Prepaid Data Special Tariff Vouchers-1011)										
				4G Plans													
	6	Latency	Data <250ms	All Generations													
				2G (GSM)	132.67	236	238.00	105									
			3G	35.33	36.9	230.00						84.16					66.67
			CDMA														
7	PDP Context Activation Success Rate	>95%	All Generations														
			2G (GSM)	99.86	99.24	102.42	99.71										99.63
			3G	99.86	99.66	103.15						100.00					99.26
			CDMA														
8	Drop rate :	≤5%	All Generations														
			2G (GSM)	1.22	1.72		0.19										3.11
			3G	1.09	1.42	0.46						0.89					0.53
			CDMA														

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughout.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
North East II	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations			100.00											
				2G (GSM)														
				3G														
				HSD														
	2	Successful data transmission download attempts	>80%	All Generations			100.00											
				2G (GSM)														
				3G														
				CDMA														
	3	Successful data transmission upload attempts	>75%	All Generations			100.00											
				2G (GSM)														
				3G														
				CDMA														
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1													
					Plan 2													
					Plan 3													
				2G	Plan 1													
					Plan 2													
					Plan 3													
				3G	Plan 1			384 Kbps										
					Plan 2													
					Plan 3													
				4G	Plans													
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1													
					Plan 2													
					Plan 3													
				2G	Plan 1													
					Plan 2													
					Plan 3													
			3G	Plan 1			964 Kbps											
				Plan 2														
				Plan 3														
			4G	Plans														
6	Latency	Data <250ms	All Generations				212 ms											
			2G (GSM)															
			3G															
			CDMA															
7	PDP Context Activation Success Rate	≥95%	All Generations				98.19											
			2G (GSM)															
			3G															
			CDMA															
8	Drop rate :	≤5%	All Generations				0.40											
			2G (GSM)															
			3G															
			CDMA															

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider												
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Orissa	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.94	91		99.98						98		99.89
				2G (GSM)			100.00						100.00			
				3G			100.00									
				CDMA							100.00					
				HSD												
	2	Successful data transmission download attempts	>80%	All Generations										100		
				2G (GSM)	100.00	100	100.00	100.00					100.00			100.00
				3G	100.00	100	100.00						100.00			
				CDMA							100.00					
				HSD												
	3	Successful data transmission upload attempts	>75%	All Generations										100		
				2G (GSM)	100.00	100	100.00	100.00					100.00			100.00
				3G	100.00	100	100.00						100.00			
				CDMA							100.00					
				HSD												
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1								61.44 (IX-RNC_PAYG)	72 (Photon Whiz)		
					Plan 2									1379 (Photon Plus)		
					Plan 3											
				2G	Plan 1	115.66	55.15	78 (Postpaid Data Plans 99)	62 (Open Plan)					123 (EDGE)		103.99 (Plan-99_1GB)
					Plan 2			78 (Postpaid Data Plans 149)								
					Plan 3			78 (Postpaid Data Plans 225)								
								78 (Postpaid Data Plans 325)								
								78 (Postpaid Data Plans 525)								
								78 (Postpaid Data Plans 725)								
								78 (Postpaid Data Plans 1500)								
								78 (Prepaid data special tariff Vouchers-17)								
								78 (Prepaid data special tariff Vouchers-29)								
								78 (Prepaid data special tariff Vouchers-39)								
							78 (Prepaid data special tariff Vouchers-56)									
							78 (Prepaid data special tariff Vouchers-68)									
							78 (Prepaid data special tariff Vouchers-78)									
							78 (Prepaid data special tariff Vouchers-96)									
							78 (Prepaid data special tariff Vouchers-98)									
							78 (Prepaid data special tariff Vouchers-103)									
							78 (Prepaid data special tariff Vouchers-139)									
							78 (Prepaid data special tariff Vouchers-155)									
							78 (Prepaid data special tariff Vouchers-178)									

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider												
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Onisa						78 (Prepaid data special tariff Vouchers-179)										
						78 (Prepaid data special tariff Vouchers-182)										
						78 (Prepaid data special tariff Vouchers-198)										
						78 (Prepaid data special tariff Vouchers-239)										
						78 (Prepaid data special tariff Vouchers-251)										
						78 (Prepaid data special tariff Vouchers-319)										
						78 (Prepaid data special tariff Vouchers-329)										
						78 (Prepaid data special tariff Vouchers-444)										
						78 (Prepaid data special tariff Vouchers-451)										
						78 (Prepaid data special tariff Vouchers-561)										
						78 (Prepaid data special tariff Vouchers-821)										
						78 (Prepaid data special tariff Vouchers-1099)										
						78 (Prepaid data special tariff Vouchers-1499)										
						78 (Prepaid data special tariff Vouchers-1949)										
						78 (Prepaid data special tariff Vouchers-2799)										
						78 (Prepaid data special tariff Vouchers-3099)										
						78 (Prepaid data special tariff Vouchers-3999)										
						78 (Prepaid data special tariff Vouchers-4499)										
		3G	Plan 1		2467.68	1361.94	1145 (Postpaid Data Plans 99)						1024.30 (HSD)			
			Plan 2				1145 (Postpaid Data Plans 149)									
			Plan 3				1145 (Postpaid Data Plans 225)									
						1145 (Postpaid Data Plans 325)										
						1145 (Postpaid Data Plans 525)										
						1145 (Postpaid Data Plans 725)										
						1145 (Postpaid Data Plans 1500)										

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider												
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Orissa						1145 (Prepaid data special tariff Vouchers-17)										
						1145 (Prepaid data special tariff Vouchers-29)										
						1145 (Prepaid data special tariff Vouchers-39)										
						1145 (Prepaid data special tariff Vouchers-56)										
						1145 (Prepaid data special tariff Vouchers-68)										
						1145 (Prepaid data special tariff Vouchers-78)										
						1145 (Prepaid data special tariff Vouchers-96)										
						1145 (Prepaid data special tariff Vouchers-98)										
						1145 (Prepaid data special tariff Vouchers-103)										
						1145 (Prepaid data special tariff Vouchers-139)										
						1145 (Prepaid data special tariff Vouchers-155)										
						1145 (Prepaid data special tariff Vouchers-178)										
						1145 (Prepaid data special tariff Vouchers-179)										
						1145 (Prepaid data special tariff Vouchers-182)										
						1145 (Prepaid data special tariff Vouchers-198)										
						1145 (Prepaid data special tariff Vouchers-239)										
						1145 (Prepaid data special tariff Vouchers-251)										
						1145 (Prepaid data special tariff Vouchers-319)										
						1145 (Prepaid data special tariff Vouchers-329)										
						1145 (Prepaid data special tariff Vouchers-444)										
					1145 (Prepaid data special tariff Vouchers-451)											
					1145 (Prepaid data special tariff Vouchers-561)											
					1145 (Prepaid data special tariff Vouchers-821)											
					1145 (Prepaid data special tariff Vouchers-1099)											

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider																
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone					
Orissa	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	4G Plans			1145 (Prepaid data special tariff Vouchers-1499)													
							1145 (Prepaid data special tariff Vouchers-1949)													
							1145 (Prepaid data special tariff Vouchers-2799)													
							1145 (Prepaid data special tariff Vouchers-3099)													
							1145 (Prepaid data special tariff Vouchers-3999)													
							1145 (Prepaid data special tariff Vouchers-4499)													
				CDMA	Plan 1									102.25 (X-RNC_PAYG)		74 (Photon Whiz)				
					Plan 2											1602 (Photon Plus)				
					Plan 3															
					2G	Plan 1	154.19	114.05	125 (Postpaid Data Plans 99)	121 (Open Plan)							138 (EDGE)			160.97 (Plan-99_1GB)
						Plan 2			125 (Postpaid Data Plans 149)											
						Plan 3			125 (Postpaid Data Plans 225)											
									125 (Postpaid Data Plans 325)											
									125 (Postpaid Data Plans 525)											
									125 (Postpaid Data Plans 725)											
									125 (Postpaid Data Plans 1500)											
									125 (Prepaid data special tariff Vouchers-17)											
									125 (Prepaid data special tariff Vouchers-29)											
									125 (Prepaid data special tariff Vouchers-39)											
									125 (Prepaid data special tariff Vouchers-56)											
									125 (Prepaid data special tariff Vouchers-68)											
									125 (Prepaid data special tariff Vouchers-78)											
									125 (Prepaid data special tariff Vouchers-96)											
									125 (Prepaid data special tariff Vouchers-98)											
			125 (Prepaid data special tariff Vouchers-103)																	
			125 (Prepaid data special tariff Vouchers-139)																	
			125 (Prepaid data special tariff Vouchers-155)																	
			125 (Prepaid data special tariff Vouchers-178)																	
			125 (Prepaid data special tariff Vouchers-179)																	
			125 (Prepaid data special tariff Vouchers-182)																	
			125 (Prepaid data special tariff Vouchers-198)																	
			125 (Prepaid data special tariff Vouchers-239)																	
			125 (Prepaid data special tariff Vouchers-251)																	

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

	Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider											
					Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone
Orissa							125 (Prepaid data special tariff Vouchers-319)									
							125 (Prepaid data special tariff Vouchers-329)									
							125 (Prepaid data special tariff Vouchers-444)									
							125 (Prepaid data special tariff Vouchers-451)									
							125 (Prepaid data special tariff Vouchers-561)									
							125 (Prepaid data special tariff Vouchers-821)									
							125 (Prepaid data special tariff Vouchers-1099)									
							125 (Prepaid data special tariff Vouchers-1499)									
							125 (Prepaid data special tariff Vouchers-1949)									
							125 (Prepaid data special tariff Vouchers-2799)									
							125 (Prepaid data special tariff Vouchers-3099)									
							125 (Prepaid data special tariff Vouchers-3999)									
							125 (Prepaid data special tariff Vouchers-4499)									
		3G	Plan 1	2950.00	2715.21		2934 (Postpaid Data Plans 99)									
			Plan 2				2934 (Postpaid Data Plans 149)									
		Plan 3				2934 (Postpaid Data Plans 225)					2100.83 (HSD)					

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Orissa						2934 (Postpaid Data Plans 325)												
						2934 (Postpaid Data Plans 525)												
						2934 (Postpaid Data Plans 725)												
						2934 (Postpaid Data Plans 1500)												
						2934 (Prepaid data special tariff Vouchers-17)												
						2934 (Prepaid data special tariff Vouchers-29)												
						2934 (Prepaid data special tariff Vouchers-39)												
						2934 (Prepaid data special tariff Vouchers-56)												
						2934 (Prepaid data special tariff Vouchers-68)												
						2934 (Prepaid data special tariff Vouchers-78)												
						2934 (Prepaid data special tariff Vouchers-96)												
						2934 (Prepaid data special tariff Vouchers-98)												
						2934 (Prepaid data special tariff Vouchers-103)												
						2934 (Prepaid data special tariff Vouchers-139)												
						2934 (Prepaid data special tariff Vouchers-155)												
						2934 (Prepaid data special tariff Vouchers-178)												
						2934 (Prepaid data special tariff Vouchers-179)												
						2934 (Prepaid data special tariff Vouchers-182)												
						2934 (Prepaid data special tariff Vouchers-198)												
						2934 (Prepaid data special tariff Vouchers-239)												

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughout.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider															
				Aircel	Airtel	BSNL 2934 (Prepaid data special tariff Vouchers-251)	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone				
Orissa																			
6	Latency	Data <250ms	4G Plans																
			All Generations												97.74				
			2G (GSM)	111.67	127	288.20	91									128.17			
			3G	67.60	59.9	171.80							67.41						
			CDMA							150.00									
			HSD																
7	PDP Context Activation Success Rate	≥95%	All Generations												98.38				
			2G (GSM)	99.73	99.77	99.10	98.07									99.71			
			3G	99.73	99.81	99.30							98.13						
			CDMA							98.31									
			HSD																
8	Drop rate :	≤5%	All Generations												0.75				
			2G (GSM)	1.12	2.51		1.30									3.29			
			3G	0.90	0.39	1.60							0.73						
			CDMA							0.12									
			HSD																

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Punjab	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.91	97	100.00	100.00									97.69	
				2G (GSM)														
				3G														
				CDMA														
				HSD														
		2	Successful data transmission download attempts	>80%	All Generations			96.27									100	
					2G (GSM)	99.83	100		100.00									100.00
					3G	99.83			100.00									
					CDMA													
					HSD													
		3	Successful data transmission upload attempts	>75%	All Generations			91.79									100	
					2G (GSM)	99.89	100		100.00									100.00
					3G	99.89			100.00									
					CDMA													
					HSD													
		4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA													
					Plan 1													
					Plan 2													
					Plan 3													
					2G													
					Plan 1	105.10	148.69		107 (Open Plan)									121.73 (Unlimited@ 199)
					Plan 2													
					Plan 3													
					3G													
					Plan 1	1771.52		426.80	2500 (Open Plan)									
					Plan 2													
					Plan 3													
					4G													
					Plans													
		5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA													
					Plan 1													
					Plan 2													
				Plan 3														
				2G														
				Plan 1	134.31	181.40		153 (Open Plan)									166.80 (Unlimited@ 199)	
				Plan 2														
				Plan 3														
				3G														
				Plan 1	3518.55		1409.83	4292 (Open Plan)										
				Plan 2														
				Plan 3														
				4G														
				Plans														
				CDMA														
				Plan 1														
				Plan 2														
				Plan 3														
				2G														
				Plan 1	134.31	181.40		153 (Open Plan)									166.80 (Unlimited@ 199)	
				Plan 2														
				Plan 3														
				3G														
				Plan 1	3518.55		1409.83	4292 (Open Plan)										
				Plan 2														
				Plan 3														
				4G														
				Plans														
	6	Latency	Data <250ms	All Generations														
				2G (GSM)	117.81	209		217									80.69	
				3G	27.12			147.80										
				CDMA														
				HSD														
				All Generations														
				2G (GSM)	98.92	99.97		100.00									99.60	
				3G	98.92			100.00										
				CDMA														
				HSD														
				All Generations														
				2G (GSM)	0.97	0.37		1.32									1.73	
				3G	1.36			1.19										
				CDMA														
				HSD														

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Rajasthan	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.78	96		100.00			100				100		98.47	
				2G (GSM)														
				3G														
				CDMA														
				HSD														
	2	Successful data transmission download attempts	>80%	All Generations			100.00									100		
				2G (GSM)	98.74	100		100.00							99.16			100.00
				3G		100									100.00			100.00
				CDMA							100				100.00			
				HSD											100.00			
	3	Successful data transmission upload attempts	>75%	All Generations			100.00									100		
				2G (GSM)	98.72	100		100.00							98.59			100.00
				3G		100									100.00			100.00
				CDMA							100				100.00			
				HSD											100.00			
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						885 (Mblaze)				72.12 (IX-RNC_PAYG)		75 (Photon Whiz)	
					Plan 2						0				562.49 (HSD)		1321 (Photon Plus)	
					Plan 3													
				2G	Plan 1	60.49	89.13		104 (Open Plan)						71.99 (RNC_PAYG)		99 (EDGE)	130.34 (UnlimitedGB (VL+VMC)@599)
					Plan 2													
					Plan 3													
									221.77 (Postpaid data plan 75)									
									224.197 (Postpaid data plan 225)									
									218.36 (Postpaid data plan 501)									
									234.903 (Postpaid data plan 666)									
									292.789 (Postpaid data plan 901)									
									211.684 (Postpaid data plan 1711)									
									234.085 (Prepaid data STV 155)									
									268.611 (Prepaid data STV 561)									
									261.249 (Prepaid data STV 1099)									
									290.851 (Prepaid data STV 14)									
									212.86 (Prepaid data STV 78)									
									219.538 (Prepaid data STV 98)									
									220.389 (Prepaid data STV 821)									
									261.83 (Prepaid data STV 1949)									
				3G	Plan 1		1977.67								1251.79 (5 GB Unlimited)			4034.56
					Plan 2													
					Plan 3													
				4G	Plans													
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1						1148 (Mblaze)				114.44 (IX-RNC_PAYG)		82 (Photon Whiz)	
				Plan 2						2214 (Mblaze ultra)				801.22 (HSD)		1762 (Photon Plus)		
				Plan 3														
			2G	Plan 1	111.87	127.66		158 (Open Plan)						112.63 (RNC_PAYG)		126 (EDGE)	181.24 (Unlimited GB(VL+VMC)@599)	
				Plan 2														
				Plan 3														
			3G	Plan 1		2697.60		240.936KB/s						1604.07 (5 GB Unlimited)			7881.39	
				Plan 2														
				Plan 3														
			4G	Plans														
6	Latency	Data <250ms	All Generations				158.2592ms								94.5			
			2G (GSM)	118.33	162		99							245.00			121.50	
			3G		59.8									47.00			119.00	
			CDMA							71				187.00				
			HSD											53.00				
7	PDP Context Activation Success Rate	≥95%	All Generations				97.05								98.2			
			2G (GSM)	98.41	99.92		99.58							99.83			99.93	
			3G		99.98									99.36			99.22	
			CDMA							98.5				98.26				
			HSD											98.26				
8	Drop rate :	≤5%	All Generations				0.00								1.49			
			2G (GSM)	1.16	1.20		0.13							2.17			3.66	
			3G		0.47									0.80			0.34	
			CDMA							1.9				1.04				
			HSD											0.36				

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider															
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone				
Tamilnadu	1	Service Activation /Provisioning success rate.	Within 4 hrs with 95% success rate.	All Generations	99.41	92	100.00	99.99		100								99.69	
				2G (GSM)															
				CDMA															
				HSD															
	2	Successful data transmission download attempts	>80%	All Generations															
				2G (GSM)	100.00	100	98.57	100.00											100.00
				3G	100.00	100	99.11												100.00
				CDMA															
				HSD															
	3	Successful data transmission upload attempts	>75%	All Generations															
				2G (GSM)	100.00	100	95.10	100.00											100.00
				3G	100.00	100	98.82												100.00
				CDMA															
				HSD															
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1														
					Plan 2														
					Plan 3														
				2G	Plan 1	150.37	178.37	52.66	88 (Open Plan)										120.90(199 Unlimited 2GB)
					Plan 2														
					Plan 3														
				3G	Plan 1	2249.39	1357.03	1377.71											2069.41 (650 Unlimited 3GB)
					Plan 2														
					Plan 3														
				4G	Plans														
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1														
					Plan 2														
					Plan 3														
				2G	Plan 1	198.77	212.98	106.11	127 (Open Plan)										164.01 (199 Unlimited 2GB)
				Plan 2															
				Plan 3															
			3G	Plan 1	3925.33	2769.43	2244.28											6657.33 (650 Unlimited 3GB)	
				Plan 2															
				Plan 3															
			4G	Plans															
6	Latency	Data <250ms	All Generations																
			2G (GSM)	77.53	228	1021.62	114											132.00	
			3G	40.89	175.0	115.50												32.00	
			CDMA																
			HSD																
7	PDP Context Activation Success Rate	>95%	All Generations																
			2G (GSM)	98.05	99.95	99.68	99.45											99.89	
			3G	98.05	100	99.83												99.61	
			CDMA																
			HSD																
8	Drop rate :	<5%	All Generations																
			2G (GSM)	0.98	0.68	0.41	1.20											3.66	
			3G	0.82	0.18	0.28												0.49	
			CDMA																
			HSD																

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider												
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Uttar Pradesh (East)	1	Service Activation /Provisioning success rate.	Within 4 hrs with 95% success rate.	All Generations	99.60	99	96.30	100.00						99	96	99.83
				2G (GSM)									100.00			
				CDMA									100.00			
				HSD									99.00			
	2	Successful data transmission download attempts	>80%	All Generations			92.10							100	100	
				2G (GSM)	100.00	100		100.00								99.87
				3G	100.00	100		100.00								99.27
				CDMA									100.00			
				HSD									100.00			
	3	Successful data transmission upload attempts	>75%	All Generations			80.40							100	100	
				2G (GSM)	100.00	100		100.00								99.83
				3G	100.00	100		100.00								99.33
				CDMA									100.00			
				HSD									100.00			
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA Plan 1									101 (X-RNC_PAYG)	57.667 (Photon Whiz)		
				Plan 2									630.76 (HSD)	406 (Photon Plus)		
				Plan 3										1172.67 (Photon Max)		
				2G Plan 1	136.67	94.46	91.00	121 (Open Plan)					71 (RNC_PAYG)	34.56 (EDGE)	94.7	127.42(Rs. 1599 12GB Free)
				Plan 2												
				Plan 3												
				3G Plan 1	1331.20	1622.79	1787.00	2074 (Open Plan)								4065.94(Rs. 1599 12GB Free)
				Plan 2												
				Plan 3												
				4G Plans												
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA Plan 1									118 (X-RNC_PAYG)	79.77 (Photon Whiz)		
				Plan 2									967.84 (HSD)	1349.73 (Photon Plus)		
				Plan 3										2431.33 (Photon Max)		
				2G Plan 1	229.00	187.73	120.00	131 (Open Plan)								155.62(Rs. 1599 12GB Free)
				Plan 2									138 (RNC_PAYG)	98.06 (EDGE)	114.4	
			Plan 3													
			3G Plan 1	4710.40	2611.70	1877.00	2110 (Open Plan)								5197.70(Rs. 1599 12GB Free)	
			Plan 2													
			Plan 3													
			4G Plans													
6	Latency	Data <250ms	All Generations			148.00							87.38			
			2G (GSM)	193.67	173		179					129.40		141.9	188.55	
			3G	72.00	76.3		90								55.60	
			CDMA									151.87				
			HSD									45.69				
7	PDP Context Activation Success Rate	≥95%	All Generations			99.60							98.22			
			2G (GSM)	99.26	99.93		99.77							98	99.77	
			3G	99.26	99.97		99.47								99.40	
			CDMA									98.26				
			HSD									98.26				
8	Drop rate :	≤5%	All Generations			1.49							1.51			
			2G (GSM)	0.65	0.77		1.41							1.0	4.80	
			3G	0.74	0.49		1.42								0.48	
			CDMA									0.82				
			HSD									0.92				

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Uttar Pradesh (West)	1	Service Activation /Provisioning success rate.	Within 4 hrs with 95% success rate.	All Generations	99.98	100	97.90	100.00			98				99	92	99.66	
				2G (GSM)														
				CDMA														
				HSD														
	2	Successful data transmission download attempts	>80%	All Generations			94.50								100	100		
				2G (GSM)	100.00	100		100.00									100.00	
				3G		100		100.00									100.00	
				CDMA							99.8							
				HSD														
	3	Successful data transmission upload attempts	>75%	All Generations			91.60								100	100		
				2G (GSM)	100.00	100		100.00									100.00	
				3G		100		100.00									100.00	
				CDMA							99.9							
				HSD														
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1							796 (Mblaze)			90 (IX - RNC_PAYG)	55 (Photon Whiz)		
					Plan 2							1300 (Mblaze ultra)			686.39 (HSD)	304 (Photon Plus)		
					Plan 3											705 (Photon Max)		
				2G	Plan 1	87.10	97.23	93.70	71 (Open Plan)						113(RNC_PAYG)	97 (EDGE)	107.3	80.96(250 with 1GB data)
					Plan 2													
					Plan 3													
				3G	Plan 1		1718.24	979.00	2883 (Open Plan)									1729.00
					Plan 2											2402 (Photon 3G)		
					Plan 3											3503 (Photon3G+)		
				4G	Plans													
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1							1172 (Mblaze)			107 (IX - RNC_PAYG)	78 (Photon Whiz0)		
					Plan 2							1944 (Mblaze ultra)			958.30 (HSD)	880 (Photon Plus)		
					Plan 3										2123 (Photon Max)			
				2G	Plan 1	155.74	136.59	114.20	159 (Open Plan)							133 (EDGE)	131.4	151.73(250 with 1GB data)
					Plan 2													
					Plan 3													
				3G	Plan 1		2819.95	1600.00	4480 (Open Plan)									3037.00
					Plan 2											3755 (Photon 3G)		
				Plan 3											5005 (Photon3G+)			
			4G	Plans														
6	Latency	Data <250ms	All Generations			223.00								66.8				
			2G (GSM)	154.35	232		129							228.05	124.2	234.80		
			3G		45.7		89									63.66		
			CDMA							71				225.66				
			HSD											73.4				
7	PDP Context Activation Success Rate	>95%	All Generations			96.50								98.8				
			2G (GSM)	97.33	99.69		99.46								99	99.94		
			3G		99.92		98.57									99.05		
			CDMA							99.0								
			HSD															
8	Drop rate :	<5%	All Generations			2.50								1.6				
			2G (GSM)	0.68	2.87		1.03							1.24	0.8	3.89		
			3G		0.56		0.99									0.41		
			CDMA							1.1				0.45				
			HSD											0.74				

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.

Sl. No.	Parameters	Benchmarks	Generations	Compliance Status of Service Provider															
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone				
West Bengal	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.94			99.88			100				100			99.80	
				2G (GSM)									100.00						
				3G															
				CDMA									100.00						
				HSD									100.00						
	2	Successful data transmission download attempts	>80%	All Generations			98.50											100	
				2G (GSM)	100.00			100.00											99.33
				3G	100.00										97.52				98.57
				CDMA							100			99.77					
				HSD															
	3	Successful data transmission upload attempts	>75%	All Generations			98.37										100		
				2G (GSM)	100.00			100.00											99.16
				3G	100.00										98.43				98.89
				CDMA							100			100.00					
				HSD															
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						546 (Mblaze)			87.45 (IX-RNC_PAYG)		48 (Photon Whiz)			
					Plan 2						977 (Mblaze ultra)								
					Plan 3														
				2G	Plan 1	135.39		208.00	99 (Open Plan)							79 (EDGE)		64.56(2GB Plan)	
					Plan 2														
					Plan 3														
				3G	Plan 1	2802.35		8870.00										1744.14(5GB Plan)	
					Plan 2														
					Plan 3														
				4G	Plans									1393.95 (HSD)					
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1						1170 (Mblaze)			89.76 (IX-RNC_PAYG)		70 (Photon Whiz)			
					Plan 2						1850 (Mblaze ultra)								
					Plan 3														
				2G	Plan 1	150.89		216.00	148 (Open Plan)							110 (EDGE)		141.61(2GB Plan0)	
					Plan 2														
					Plan 3														
				3G	Plan 1	3314.35		10731.00										4522.15(5GB Plan)	
				Plan 2															
				Plan 3															
			4G	Plans									2196.54 (HSD)						
6	Latency	Data <250ms	All Generations			143.00									146.92				
			2G (GSM)	127.57			185.00										102.33		
			3G	43.35									34.33				55.17		
			CDMA						68			67.24							
			HSD																
7	PDP Context Activation Success Rate	≥95%	All Generations												98.24				
			2G (GSM)	99.87			98.25							99.98			99.68		
			3G	99.87									99.55				98.92		
			CDMA						98.8			97.60							
			HSD																
8	Drop rate :	≤5%	All Generations												0.88				
			2G (GSM)	1.28			1.02										3.32		
			3G	1.24										1.68			0.67		
			CDMA						1.0			1.32							
			HSD																

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
Note 2: In case of all operators except CDMA operators provider is not offering different plans based on the data throughput.