

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

Report for quarter ending: Dec 2016				Compliance Status															
Sl. No.	Parameters	Benchmarks	Generations	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	99.87	96.00		99.85						100	98	99.83			
				2G (GSM)			98.00					100.00							
				3G			98.00												
				CDMA															
	2	Successful data transmission download attempts	>80%	All Generations										100	100				
				2G (GSM)	100.00	100.00	97.20	100.00				100.00			100.00				
				3G	100.00	100.00	97.71	100.00											
				CDMA															
	3	Successful data transmission upload attempts	>75%	All Generations										100	100				
				2G (GSM)	100.00	100.00	93.35	100.00				100.00			100.00				
				3G	100.00	100.00	96.70	100.00											
				CDMA															
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1									71 (Photon Whiz)					
					Plan 2														
					Plan 3														
				2G	Plan 1	102.36	147.42	32.08(Data plan-96,1499,2799,3999)	125 (Open Plan)				87(RNC_PAY G)		118 (EDGE)	90.7	194.36(Rs 125 Plan with 1GB)		
					Plan 2														
					Plan 3														
				3G	Plan 1	1856.65	2644.04	1162.79(Data plan-96,1499,2799,3999)	2322 (Open Plan)										
					Plan 2														
					Plan 3														
				4G	Plans												1742.4		
				5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1									74 (Photon Whiz)		
								Plan 2											
		Plan 3																	
	2G	Plan 1	147.01				206.38	127.37(Data plan-96,1499,2799,3999)	134 (Open Plan)				161(RNC_PAY G)		131 (EDGE)	166.2	207.78(Rs 125 Plan with 1GB)		
		Plan 2																	
		Plan 3																	
3G	Plan 1	3533.82	3569.41				3047.50(Data plan-96,1499,2799,3999)	3662 (Open Plan)											
	Plan 2																		
	Plan 3																		
6	Latency	Data <250ms	All Generations											103	195.3				
			2G (GSM)	208.25	109.00	194.00	127.00				198.60			138.58					
			3G	37.75	41.00	79.54	29.00												
			CDMA																
7	PDP Context Activation Success Rate	≥95%	All Generations										98.46	98.7					
			2G (GSM)	96.87	99.99	98.99	98.44				99.87			99.88					
			3G	96.87	98.84	99.30	98.25												
			CDMA																
8	Drop rate :	≤5%	All Generations										0.9	0.48					
			2G (GSM)	1.14	1.27	0.68	1.23				1.70			1.84					
			3G	0.40	0.47	0.46	0.73												
			CDMA																
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.62	97.00		99.99								99.82				
			2G (GSM)			95.60							100.00						
2	Successful data	>80%	All Generations																
			2G (GSM)	100.00	100.00	98.00	100.00								100.00				

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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Assam	transmission download attempts		3G	100.00	100.00	97.00						100.00			100.00			
			CDMA															
	3	Successful data transmission upload attempts	>75%	All Generations														
				2G (GSM)	100.00	100.00	98.00	100.00						100.00				
				3G	100.00	100.00	98.00				100.00		100.00					
	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	130.50	145.91	76(Postpaid Data Plan 50)	76 (Open Plan)									130.68(Pack @699)
					Plan 2			76(Postpaid Data Plan 75)										
					Plan 3			76(Postpaid Data Plan 170)										
								76(Postpaid Data Plan 225)										
								76(Postpaid Data Plan 501)										
								76(Postpaid Data Plan 666)										
								76(Postpaid Data Plan 901)										
								76(Postpaid Data Plan 1711)										
								76(Prepaid Data Special Tariff Voucher-3)										
								76(Prepaid Data Special Tariff Voucher-4)										
								76(Prepaid Data Special Tariff Voucher-15)										
								76(Prepaid Data Special Tariff Voucher-25)										
							76(Prepaid Data Special Tariff Voucher-26)											
							76(Prepaid Data Special Tariff Voucher-39)											
							76(Prepaid Data Special Tariff Voucher-46)											
							76(Prepaid Data Special Tariff Voucher-56)											
							76(Prepaid Data Special Tariff Voucher-63)											
			76(Prepaid Data Special Tariff Voucher-68)															
			76(Prepaid Data Special Tariff Voucher-78)															
			76(Prepaid Data Special Tariff Voucher-98)															
			76(Prepaid Data Special Tariff Voucher-109)															
			76(Prepaid Data Special Tariff Voucher-155)															
			76(Prepaid Data Special Tariff Voucher-156)															
			76(Prepaid Data Special Tariff Voucher-198)															
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to	2G			76(Prepaid Data Special Tariff Voucher-239)												
						76(Prepaid Data Special Tariff Voucher-291)												

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone					
				Assam		TRAI				76(Prepaid Data Special Tariff Voucher-351)										
		76(Prepaid Data Special Tariff Voucher-444)																		
		76(Prepaid Data Special Tariff Voucher-451)																		
		76(Prepaid Data Special Tariff Voucher-452)																		
		76(Prepaid Data Special Tariff Voucher-549)																		
		76(Prepaid Data Special Tariff Voucher-561)																		
		76(Prepaid Data Special Tariff Voucher-651)																		
		76(Prepaid Data Special Tariff Voucher-751)																		
		76(Prepaid Data Special Tariff Voucher-821)																		
		76(Prepaid Data Special Tariff Voucher-851)																		
		76(Prepaid Data Special Tariff Voucher-951)																		
		76(Prepaid Data Special Tariff Voucher-951)																		
		76(Prepaid Data Special Tariff Voucher-1099)																		
		76(Prepaid Data Special Tariff Voucher-1498)																		
		76(Prepaid Data Special Tariff Voucher-1949)																		
		76(Prepaid Data Special Tariff Voucher-2798)																		
		76(Prepaid Data Special Tariff Voucher-3099)																		
		76(Prepaid Data Special Tariff Voucher-3998)																		
		76(Prepaid Data Special Tariff Voucher-4498)																		
		3G	Plan 1					2001.13	1650.72	1123(Postpaid Data Plan 50)										3109.86
			Plan 2						1123(Postpaid Data Plan 75)						2182(HSD)					
			Plan 3						1123(Postpaid Data Plan 170)											
									1123(Postpaid Data Plan 225)											
									1123(Postpaid Data Plan 501)											
									1123(Postpaid Data Plan 666)											
									1123(Postpaid Data Plan 901)											
									1123(Postpaid Data Plan 1711)											
									1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-											
									1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-											
									1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-											
									1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-											
									1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-1123(Prepaid Data Special Tariff Voucher-											

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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					Assam	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	3G			1123(Prepaid Data Special Tariff Voucher-							
		1123(Prepaid Data Special Tariff Voucher-																	
		1123(Prepaid Data Special Tariff Voucher-																	
		1123(Prepaid Data Special Tariff Voucher-																	
		1123(Prepaid Data Special Tariff Voucher-																	
		1123(Prepaid Data Special Tariff Voucher-																	
		1123(Prepaid Data Special Tariff Voucher-																	
		1123(Prepaid Data Special Tariff Voucher-																	
		1123(Prepaid Data Special Tariff Voucher-109)																	
		1123(Prepaid Data Special Tariff Voucher-155)																	
		1123(Prepaid Data Special Tariff Voucher-156)																	
		1123(Prepaid Data Special Tariff Voucher-198)																	
		1123(Prepaid Data Special Tariff Voucher-239)																	
		1123(Prepaid Data Special Tariff Voucher-291)																	
		1123(Prepaid Data Special Tariff Voucher-351)																	
		1123(Prepaid Data Special Tariff Voucher-444)																	
		1123(Prepaid Data Special Tariff Voucher-451)																	
		1123(Prepaid Data Special Tariff Voucher-452)																	
		1123(Prepaid Data Special Tariff Voucher-549)																	
		1123(Prepaid Data Special Tariff Voucher-561)																	
		1123(Prepaid Data Special Tariff Voucher-651)																	
		1123(Prepaid Data Special Tariff Voucher-751)																	
		1123(Prepaid Data Special Tariff Voucher-821)																	
		1123(Prepaid Data Special Tariff Voucher-851)																	
		1123(Prepaid Data Special Tariff Voucher-951)																	
		1123(Prepaid Data Special Tariff Voucher-951)																	

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Sl. No.	Parameters	Benchmarks	Generations		Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Assam							1123(Prepaid Data Special Tariff Voucher-1099)												
							1123(Prepaid Data Special Tariff Voucher-1498)												
							1123(Prepaid Data Special Tariff Voucher-1949)												
							1123(Prepaid Data Special Tariff Voucher-2798)												
							1123(Prepaid Data Special Tariff Voucher-3099)												
							1123(Prepaid Data Special Tariff Voucher-3998)												
							1123(Prepaid Data Special Tariff Voucher-4498)												
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	4G	Plans													
					Plan 1														
					Plan 2														
				2G	Plan 3														
					Plan 1	172.42	191.67	117(Postpaid Data Plan 50)	138 (Open Plan)									160.87(Pack @699)	
					Plan 2			117(Postpaid Data Plan 75)											
					Plan 3			117(Postpaid Data Plan 170)											
								117(Postpaid Data Plan 225)											
								117(Postpaid Data Plan 501)											
								117(Postpaid Data Plan 666)											
								117(Postpaid Data Plan 901)											
								117(Postpaid Data Plan 1711)											
								117(Prepaid Data Special Tariff Voucher-117)											
								117(Prepaid Data Special Tariff Voucher-117)											
								117(Prepaid Data Special Tariff Voucher-117)											
								117(Prepaid Data Special Tariff Voucher-117)											
								117(Prepaid Data Special Tariff Voucher-117)											
			117(Prepaid Data Special Tariff Voucher-117)																
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G				117(Prepaid Data Special Tariff Voucher-117)												
							117(Prepaid Data Special Tariff Voucher-117)												
							117(Prepaid Data Special Tariff Voucher-117)												
							117(Prepaid Data Special Tariff Voucher-117)												

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Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Assam						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
						117(Prepaid Data Special Tariff Voucher-										
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	3G	Plan 1	3003.05	3812.48	2850(Postpaid Data Plan 50)								
					Plan 2			2850(Postpaid Data Plan 75)					3347.63(HSD)			
					Plan 3			2850(Postpaid Data Plan 170)								
								2850(Postpaid Data Plan 225)								
								2850(Postpaid Data Plan 501)								
								2850(Postpaid Data Plan 666)								
							2850(Postpaid Data Plan 901)									
							2850(Postpaid Data Plan 1711)									
							2850(Prepaid Data Special Tariff Voucher-								4713.53	

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Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone				
				Assam						2850(Prepaid Data Special Tariff Voucher-									
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
		2850(Prepaid Data Special Tariff Voucher-																	
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	3G							2850(Prepaid Data Special Tariff Voucher-									
										2850(Prepaid Data Special Tariff Voucher-									
						2850(Prepaid Data Special Tariff Voucher-													
						2850(Prepaid Data Special Tariff Voucher-													
						2850(Prepaid Data Special Tariff Voucher-													
						2850(Prepaid Data Special Tariff Voucher-													
						2850(Prepaid Data Special Tariff Voucher-													
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						2850(Prepaid Data Special Tariff Voucher-													
						2850(Prepaid Data Special Tariff Voucher-													

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Assam							2850(Prepaid Data Special Tariff Voucher-851)									
							2850(Prepaid Data Special Tariff Voucher-951)									
							2850(Prepaid Data Special Tariff Voucher-951)									
							2850(Prepaid Data Special Tariff Voucher-1099)									
							2850(Prepaid Data Special Tariff Voucher-1498)									
							2850(Prepaid Data Special Tariff Voucher-1949)									
							2850(Prepaid Data Special Tariff Voucher-2798)									
							2850(Prepaid Data Special Tariff Voucher-3099)									
							2850(Prepaid Data Special Tariff Voucher-3998)									
							2850(Prepaid Data Special Tariff Voucher-4498)									
			4G	Plans												
6	Latency	Data <250ms	All Generations													
			2G (GSM)	135.67	224.00	273.20	101.00									175.33
			3G	36.00	35.90	171.70						93.33				64.00
			CDMA													
7	PDP Context Activation Success Rate	>95%	All Generations													
			2G (GSM)	99.85	99.39	98.00	99.93									98.98
			3G	99.85	99.95	98.60						99.71				97.95
			CDMA													
8	Drop rate :	≤5%	All Generations													
			2G (GSM)	1.01	1.37		0.17									2.13
			3G	0.54	0.55	1.90						0.67				0.29
			CDMA													
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.98	97.00		99.99							98	96	99.73
			2G			100.00										
			3G			100.00						100.00				
			CDMA													
			HSD													
2	Successful data transmission download attempts	>80%	All Generations											100	100	
			2G (GSM)	100.00	99.83	100.00	100.00									100.00
			3G	100.00	100.00	100.00						98.66				
			CDMA													
			HSD													
3	Successful data transmission upload attempts	>75%	All Generations											100	100	
			2G (GSM)	100.00	99.91	100.00	100.00									100.00
			3G	100.00	100.00	100.00						99.66				
			CDMA													
			HSD													
4	Minimum download speed (Kbps)	To be measured for each Plan and	CDMA	Plan 1										41 (Photon Whiz)		
				Plan 2										941 (Photon Plus)		
				Plan 3												

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Bihar and Jharkhand		Reported to TRAI	2G	Plan 1	149.41	177.13	51.9(2G Postpaid)	85 (Open Plan)					18 (EDGE)	103.9	142(VMC+VFL_3GB_30d_2G_2G RC 199 Y_2G)	
				Plan 2			51.9(Prepaid 2G Data)									
				Plan 3												
				3G	Plan 1	2395.50	2657.16	590.4(3G Postpaid Data Plans)					1433.93(HS D)			
					Plan 2			590.4(3G Prepaid Data Plan)								
					Plan 3											
				4G	Plans										1337.58	
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1									67 (Photon Whiz Plus)		
					Plan 2											
					Plan 3											
				2G	Plan 1	194.91	203.60	105(2G Postpaid Data Plans)	116 (Open Plan)					130 (EDGE)	149.9	172.60(VMC+VFL_3GB_30d_2G_2G RC 199 Y_2G)
					Plan 2			105(Prepaid 2G Data)								
					Plan 3											
				3G	Plan 1	3491.84	2882.05	1652(3G Postpaid Data Plan)					2354.67(HS D)			
					Plan 2			1652(3G Prepaid Data Plan)								
					Plan 3											
			4G	Plans										2302.14		
6	Latency	Data <250ms	All Generations										99.99	165.1	125.10	
			2G (GSM)	100.04	247.00	235.90	241.00									
			3G	30.53	64.33	148.80						41.43				
			CDMA													
			HSD													
7	PDP Context Activation Success Rate	≥95%	All Generations										98.47	99	99.62	
			2G (GSM)	99.11	99.78	98.10	99.12									
			3G	99.11	99.45	95.20						99.71				
			CDMA													
			HSD													
8	Drop rate :	≤5%	All Generations										0.57	0.69	1.88	
			2G (GSM)	1.21	3.24		1.28									
			3G	1.28	0.04	0.90						0.65				
			CDMA													
			HSD													
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations		95.00	100.00										
2	Successful data transmission download	>80%	All Generations													
			2G (GSM)		100.00	96.74										
			3G		100.00	95.87										
			CDMA													
3	Successful data transmission upload	>75%	All Generations													
			2G (GSM)		100.00	96.41										
			3G		100.00	96.16										
			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		126.07										
				Plan 2			63.00									
				Plan 3												
			3G	Plan 1		2504.56										
				Plan 2			2099.00									
				Plan 3												

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.

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

Report for quarter ending: Dec 2016					Compliance Status																									
Channel	Sl. No.	Parameters	Benchmarks	Generations		Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone													
				4G	Plans																									
Chennai	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1																									
					Plan 2																									
					Plan 3																									
				2G	Plan 1		200.57																							
					Plan 2			149.00																						
					Plan 3																									
				3G	Plan 1		4167.99																							
					Plan 2			2632.00																						
					Plan 3																									
				6	Latency	Data <250ms	All Generations	2G (GSM)		223.86	175.00																			
	3G		41.54					96.00																						
	CDMA																													
	4G	Plans																												
	7	PDP Context Activation Success Rate	>95%	All Generations	2G (GSM)		99.98	98.61																						
					3G		100.00	98.55																						
					CDMA																									
4G					Plans																									
8	Drop rate :	≤5%	All Generations	2G (GSM)		1.02	2.71																							
				3G		0.42	2.62																							
				CDMA																										
				4G	Plans																									
Delhi	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.22	98.00		99.99	99.37						99		99.90													
					CDMA						95.00																			
					GSM																									
					3G										100.00															
					HSD																									
	2	Successful data transmission download attempts	>80%	All Generations	2G (GSM)	100.00	99.71		100.00	93.37				99.97		100		98.61												
					3G		100.00		100.00	96.97			100.00					99.00												
					CDMA						100																			
					HSD																									
					4G	Plans																								
	3	Successful data transmission upload attempts	>75%	All Generations	2G (GSM)	100.00	99.90		100.00	91.56				99.94		100		99.25												
					3G		99.97		100.00	94.61			100.00					98.33												
					CDMA						100																			
					HSD																									
					4G	Plans																								
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						1015 (Mblaze)				61 (Photon Whiz)														
Plan 2											2654 (Mblaze ultra)			1719 (Photon Plus)																
Plan 3														Max)																
2G					Plan 1	106.03	88.80		75 (Open Plan)	81.16				70.87(RNC_P AYG)			82.99(Rs 125 Rental plan with													
					Plan 2																									
					Plan 3																									
3G					Plan 1		1938.25		1275 (Open Plan)	675.36				1482.72(HSD)			1141.93(Rs 250 Rental plan with 1GB free)													
					Plan 2																									
					Plan 3																									
4G					Plans																									
	CDMA	Plan 1																							1682(Mblaze)				77 (Photon Whiz)	
		Plan 2																							3786 (Mblaze ultra)				2143 (Photon Plus)	
	2G	Plan 1	157.83	111.36																			154 (Open Plan)	86.38				138.50(RNC_PAYG)		
Plan 2																														

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.

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

Report for quarter ending: Dec 2016				Compliance Status													
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
Gujarat			3G	Plan 3												2104.97(RS 250 Rental plan with 1GB free)	
			3G	Plan 1		2780.21		4906 (Open Plan)	846.80			3140.38(HSD)					
				Plan 2													
			4G	Plans													
	6	Latency	Data <250ms	All Generations					161.67				65.7				
				2G (GSM)	109.74	227.00		128.00				102.64				223.33	
				3G		75.83		51.00				23.36				61.33	
				CDMA						62							
				HSD													
	7	PDP Context Activation Success Rate	≥95%	All Generations					97.38					96.7063			
				2G (GSM)	94.55	99.53		99.45				98.91				99.70	
				3G		99.99		98.85				99.28				98.89	
				CDMA						99.73							
				HSD													
	8	Drop rate :	≤5%	All Generations					3.19					1.043333			
				2G (GSM)	1.26	0.86		0.19				4.11					
				3G		0.62		0.80				0.72				0.32	
				CDMA						1.2						1.41	
			HSD														
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	98.77	96.00	98.00	99.65						99	97	99.66		
			2G (GSM)								100.00						
			CDMA						98.00								
			HSD														
2	Successful data transmission download attempts	>80%	All Generations			98.70							100	100			
			2G (GSM)	94.59	100.00		100.00				100.00				99.57		
			3G		100.00		100.00								100.00		
			CDMA						100								
			HSD														
3	Successful data transmission upload attempts	>75%	All Generations			94.30							100	100			
			2G (GSM)	99.56	100.00		100.00				100.00				98.77		
			3G		100.00		100.00								99.98		
			CDMA						100								
			HSD														
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1					1029(Mblaze)				80 (Photon Whiz)				
			CDMA	Plan 2					2837 (Mblaze ultra)				1439 (Photon Plus)				
			CDMA	Plan 3									Max)				
			2G	Plan 1	113.77	78.33		86 (Open Plan)			58.66(RNC_PAYG)		65 (EDGE)	36.3	81.33(2G MI199)		
				Plan 2													
				Plan 3													
			3G	Plan 1		664.50	1240 Kbps	2897(Open Plan)							2612(3G MI850)		
				Plan 2									1947 (Photon 3G)				
				Plan 3									6094(Photon3G+)				
			4G	Plans										840.24			
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1					1858(Mblaze)				84 (Photon Whiz)				
			CDMA	Plan 2					3709 (Mblaze ultra)				1924 (Photon Plus)				
			CDMA	Plan 3									Max)				
			2G	Plan 1	168.16	159.16		153 (Open Plan)			123.33(RNC_PAYG)		134 (EDGE)	105	133.65(2G MI199)		
				Plan 2													
				Plan 3													
			3G	Plan 1		5117.08	1898 Kbps	3765 (Open Plan)							6012.33(3G MI850)		
				Plan 2									3028 (Photon 3G)				
				Plan 3									6421(Photon3G+)				
			4G	Plans										1636.9707			
6	Latency	Data <250ms	All Generations			142ms							57.3	172.7			

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.

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

Report for quarter ending: Dec 2016				Compliance Status												
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
HP			2G (GSM)	112.17	231.67		98.00				236.00				140.00	
			3G		67.72		63.00								27.00	
			CDMA							77						
			HSD													
	7	PDP Context Activation Success Rate	≥95%	All Generations			98.60							98.6	99.6	
				2G (GSM)	96.23	99.50		99.99			100.00				99.63	
				3G		99.92		99.87								99.94
				CDMA						98.89						
	8	Drop rate :	≤5%	All Generations			1.90							0.9	0.01	
				2G (GSM)	0.73	3.04		0.21			0.35				2.40	
				3G		0.03		0.63							0.61	
				CDMA						0.9						
	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.97	99.00	100.00	99.99						100		99.98
				2G (GSM)												
				3G										100.00		
				CDMA												
2	Successful data transmission download attempts	>80%	All Generations			89.00							100			
			2G (GSM)	100.00	100.00		100.00					100.00		100.00		
			3G		100.00		100.00					100.00				
			CDMA													
3	Successful data transmission upload attempts	>75%	All Generations			88.00							100			
			2G (GSM)	100.00	100.00		100.00					100.00		100.00		
			3G		100.00		100.00					100.00				
			CDMA													
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA Plan 1										63 (Photon Whiz Plus)			
			CDMA Plan 2										64 (EDGE)			
			CDMA Plan 3													
			2G Plan 1	96.89	104.67	73.00	30(Open Plan)					95.15(RNC_PAYG)		120.60(Talk invitation 50)		
			2G Plan 2													
			2G Plan 3													
			3G Plan 1		1986.56	638.00	1510(Open Plan)					2113.17(HS D)				
			3G Plan 2													
			3G Plan 3													
			4G Plans													
			4G Plans													
			5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA Plan 1										74 (Photon Whiz Plus)
CDMA Plan 2																
CDMA Plan 3																
2G Plan 1	158.02	169.67				104.00	114(Open Plan)					160.51(RNC_PAYG)	94 (EDGE)	149.87(Talk invitation 50)		
2G Plan 2																
2G Plan 3																
3G Plan 1		5174.61				1163.00	3064(Open Plan)					3866.77(HS D)				
3G Plan 2																
6	Latency	Data <250ms	All Generations			172.00							125.62			
			2G (GSM)	122.33	208.00		156.00					81.58		175.00		
			3G		173.30		129.00					33.83				
			CDMA													
7	PDP Context Activation Success Rate	≥95%	All Generations			98.80							98.35			
			2G (GSM)	99.98	99.98		100.00					99.82		99.60		
			3G		100.00		100.00					98.82				

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status														
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
8	Drop rate :	≤5%	CDMA															
			HSD															
			All Generations			1.30									0.87			
			2G (GSM)	0.70	0.97		0.76							4.90			1.56	
			3G		0.58		1.63							0.80				
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	100.00	98.00	99.33	99.85						100			99.91		
			2G (GSM)									100.00						
			CDMA															
			HSD															
2	Successful data transmission download attempts	>80%	All Generations			86.33							100					
			2G (GSM)	100.00	100.00		100.00					100.00			100.00			
			3G		100.00		100.00								100.00			
			CDMA															
3	Successful data transmission upload attempts	>75%	All Generations			87.00							100					
			2G (GSM)	100.00	100.00		100.00					100.00			100.00			
			3G		100.00		100.00								100.00			
			CDMA															
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1									64.50 (Photon Whiz)					
				Plan 2										1130.52 (Photon Plus)				
				Plan 3														
			2G	Plan 1	160.36	154.67	74.33	100(Open Plan)					91.05(RNC_P AYG)		74.50 (EDGE)		149.04(PLAN - 198 Rs / 2GB)	
				Plan 2														
				Plan 3														
			3G	Plan 1		1249.28	943.00	1864(Open Plan)							1351.13 (Photon 3G)		5068.12(PLAN - 198 Rs / 2GB)	
				Plan 2											1963.91 (Photon 3G)			
				Plan 3											2585.12 (Photon3G+)			
			4G	Plans														
				CDMA	Plan 1											78.22 (Photon Whiz)		
					Plan 2											1725.47 (Photon Max)		
Plan 3																		
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	169.67	195.00	96.00	168(Open Plan)					155.27(RNC_P AYG)		100.79 (EDGE)		195.32(PLAN - 198 Rs / 2GB)	
				Plan 2														
				Plan 3														
			3G	Plan 1		2717.01	1536.00	3512(Open Plan)							2340.61 (Photon 3G)		10237.31(PLAN - 198 Rs / 2GB)	
				Plan 2											2921.95 (Photon 3G)			
				Plan 3											3631.02 (Photon3G+)			
4G	Plans																	
	6	Latency	Data <250ms	All Generations			135.00							68.1				
				2G (GSM)	123.59	229.00		119.00					99.19			80.21		
3G					121.30		35.00								14.50			
CDMA																		
7	PDP Context Activation Success Rate	≥95%	All Generations			96.01							98.9					
			2G (GSM)	99.18	99.98		99.90					98.91			99.71			
			3G		100.00		98.76									99.69		
			CDMA															

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status												
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Jammu and Kashmir	8	Drop rate :	≤5%	HSD												
				All Generations			4.16						1			
				2G (GSM)	1.97	0.80		1.20				1.26				2.06
				3G		0.05		1.71								0.78
	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	HSD												
				All Generations	99.73	99.00	95.00	100.00								98.95
				2G (GSM)								100.00				
				3G												
	2	Successful data transmission download attempts	>80%	HSD												
				All Generations			90.00									
				2G (GSM)	100.00	100.00		100.00				100.00				98.67
				3G	100.00	100.00		100.00				100.00				
	3	Successful data transmission upload attempts	>75%	HSD												
				All Generations			86.00									
				2G (GSM)	100.00	100.00		100.00				100.00				97.45
				3G	100.00	100.00		100.00				100.00				
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA													
			Plan 1													
			Plan 2													
			Plan 3													
			2G									122.63(RNC_PAYG)			140.27(Plan-99_1GB)	
			Plan 1	172.47	176.84	10.00	157(Open Plan)									
			Plan 2													
			Plan 3													
			3G										1992.37(HSD)			
			Plan 1	2796.21	1877.40	276.00	860(Open Plan)									
			Plan 2													
			Plan 3													
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA													
			Plan 1													
			Plan 2													
			Plan 3													
			2G										223.63(RNC_PAYG)		180.92(Plan-99_1GB)	
			Plan 1	202.08	196.14	12.00	171(Open Plan)									
			Plan 2													
			Plan 3													
6	Latency	Data <250ms	HSD													
			All Generations			153.00										
			2G (GSM)	106.67	213.00		205.00				104.92				129.50	
			3G	36.83	103.00		181.00				92.31					
7	PDP Context Activation Success Rate	≥95%	HSD													
			All Generations			97.00										
			2G (GSM)	99.36	100.00		100.00				95.87				99.91	
			3G	99.36	100.00		100.00				93.63					
8	Drop rate :	≤5%	HSD													
			All Generations			0.00										
			2G (GSM)	1.15	1.23		0.27				2.27				1.62	
			3G	1.15	0.69		1.83				0.64					
1	Service Activation	Within 4 hrs with 95%	HSD													
			All Generations	99.98	97.00		99.99							100	99.82	
			2G (GSM)													

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status																
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone					
Kolkata	2	Successful data transmission download attempts	>80%	3G								100.00								
				CDMA						98.00										
				HSD																
				All Generations			96.00									99.98				
				2G (GSM)	100.00	100.00		100.00							100.00			99.79		
				3G	100.00	100.00		100.00							100.00			100.00		
	3	Successful data transmission upload attempts	>75%	CDMA																
				HSD							100									
				PRO3 Plans																
				All Generations			94.66									99.98				
				2G (GSM)	100.00	100.00		100.00							100.00			99.58		
				3G	100.00	100.00		100.00							100.00			99.97		
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	PRO3 Plans																
				CDMA	Plan 1							603(Mblaze)				52 (Photon Whiz)				
					Plan 2							1434(Mblaze ultra)				920 (Photon Plus)				
					Plan 3											515 (Photon Max)				
				2G	Plan 1	136.52	104.67	35.30	133(Open Plan)						98.5(RNC_PAYG)	110 (EDGE)			152.10(Postpaid PayG Unlimited)	
					Plan 2															
					Plan 3															
				3G	Plan 1	2826.58	2065.80	501.70	2216(Open Plan)											2990.80(Postpaid PayG Unlimited)
					Plan 2											1587.46(HSD)				
					Plan 3															
				5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	PRO3 Plans													
							CDMA	Plan 1											70 (Photon Whiz)	
	Plan 2												925(Mblaze)			1297 (Photon Plus)				
	Plan 3												2331 (Mblaze ultra)			742 (Photon Max)				
	2G	Plan 1	192.94				200.59	61.00	161(Open Plan)							147.33(RNC_PAYG)	164 (EDGE)		203.64(Postpaid PayG Unlimited)	
		Plan 2																		
		Plan 3																		
	3G	Plan 1	4433.24				12156.00	880.00	3280(Open Plan)											6831.85(Postpaid PayG Unlimited)
Plan 2															2170(HSD)					
Plan 3																				
6	Latency	Data <250ms	PRO3 Plans																	
			All Generations			110.00									105.44					
			2G (GSM)	122.17	148.00		142.00							94.52			136.33			
			3G	24.67	41.00		48.00							37.07			55.67			
			CDMA								70									
			HSD																	
7	PDP Context Activation Success Rate	≥95%	PRO3 Plans																	
			All Generations												98.47					
			2G (GSM)	99.73	99.30	99.57	99.72							99.95			99.78			
			3G	99.73	99.98	99.75	98.70							99.37			98.60			
			CDMA								99.35									
			HSD																	
8	Drop rate :	≤5%	All Generations											1.53						
			2G (GSM)	1.80	1.29		1.12						1.48			2.47				
			GSM (OSS)											0.07						
			3G	0.55	0.07		1.77							1.19			0.28			
			3G (OSS)											0.04						
			CDMA								1.5									

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status															
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone				
Kerala	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	HSD															
				PRO3 Plans															
				All Generations	99.99	89.00		100.00								99		99.34	
				2G (GSM)									100.00						
	2	Successful data transmission download attempts	>80%	All Generations			97.00							100					
				2G (GSM)	89.00	100.00		100.00				100.00				100.00			
				3G	94.00			100.00									100.00		
				CDMA						100									
	3	Successful data transmission upload attempts	>75%	All Generations			96.00							100					
				2G (GSM)	89.00	100.00		100.00				100.00				100.00			
				3G	94.00			100.00									100.00		
				CDMA						100									
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						418(Mblaze)			73 (Photon Whiz)					
					Plan 2						1054 (Mblaze ultra)			830 (Photon Plus Max)					
					Plan 3														
				2G	Plan 1	61.48	81.40	38.00	104(Open Plan)					129.48(RNC_PAYG)		31 (EDGE)		131.02(3GB VMC 199 plan)	
					Plan 2														
					Plan 3														
				3G	Plan 1	2495.00		608.63	2041(Open Plan)										8977.91
					Plan 2												1350 (Photon 3G)		
					Plan 3												2779(Photon3G+)		
				4G	Plans														
					CDMA	Plan 1							730(Mblaze)				82 (Photon Whiz)		
						Plan 2							1908 (Mblaze ultra)				1898 (Photon Plus Max)		
	Plan 3																		
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	188.19	141.00	69.67	131(Open Plan)				212.41(RNC_PAYG)		118 (EDGE)		173.63(3GB VMC 199 plan)		
					Plan 2														
					Plan 3														
				3G	Plan 1	3050.52		1457.00	3127(Open Plan)										10491.05
					Plan 2												4104 (Photon 3G)		
					Plan 3												5662(Photon3G+)		
	4G	Plans																	
6		Latency	Data <250ms	All Generations			139.00							56.2					
				2G (GSM)	74.20	214.00		137.00				109.17			78.67				
	3G			31.82			62.00								25.00				
	CDMA								85										
7	PDP Context Activation Success Rate	≥95%	All Generations			98.00							99						
			2G (GSM)	96.23	99.98		99.80				99.87			98.64					
			3G	96.23			98.92								97.01				
			CDMA						99.7										
8	Drop rate :	≤5%	All Generations			1.00							0.9						
			2G (GSM)	2.84	0.70		0.79				4.87			1.88					
			3G	0.00			1.46								0.42				
			CDMA						1.2										
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.77	99.00	100.00	99.60						100		99.59				
			2G (GSM)								100.00								
			CDMA							95.00									
			HSD																
	Successful											100							

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.

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

Report for quarter ending: Dec 2016				Compliance Status														
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Karnataka	2	data transmission download attempts	>80%	2G (GSM)	100.00	100.00	100.00	100.00				100.00				98.58		
				3G	100.00	100.00	99.73								100.00			
				CDMA						100								
				HSD														
	3	Successful data transmission upload attempts	>75%	All Generations										100				
				2G (GSM)	100.00	100.00	100.00	100.00			100.00				99.83			
				3G	100.00	100.00	99.87								99.33			
				CDMA						100								
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1										47.67 (Photon Whiz)			
					Plan 2									865.33 (Photon Plus)				
					Plan 3									1370.67 (Photon Max)				
				2G	Plan 1	152.80	165.24	19.62	154(Open Plan)					88.36(RNC_P AYG)		88.76 (EDGE)	69.21(2 GB unlimited @ MRP	
					Plan 2													
					Plan 3													
				3G	Plan 1	2717.98	2052.84	739.18										3593.13
					Plan 2													
					Plan 3											3522 (Photon 3G)		
				4G	Plans												7330(Photon3G+)	
					PRO3													
					Plans													
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1										70.30 (Photon Whiz)			
					Plan 2									1595.87 (Photon Plus)				
					Plan 3									2137.33 (Photon Max)				
				2G	Plan 1	186.48	193.28	100.40	166(Open Plan)					126.71(RNC_P AYG)		124.46 (EDGE)	138.29(2 GB unlimited @ MRP 199)	
					Plan 2													
					Plan 3													
				3G	Plan 1	6738.93	3499.19	4109.67										6050.61
					Plan 2													
Plan 3															4643 (Photon 3G)			
4G				Plans												9936(Photon3G+)		
				PRO3														
				Plans														
6	Latency	Data <250ms	All Generations			89.15							65.7					
			2G (GSM)	87.08	94.00		153.00				138.18			200.00				
			3G	30.96	77.60									148.67				
			CDMA						132									
7	PDP Context Activation Success Rate	≥95%	All Generations			20.66							99					
				2G (GSM)	96.23	97.11		99.74			100.00			98.93				
				3G	96.23	98.87								98.32				
				CDMA						98.97								
8	Drop rate :	≤5%	All Generations			0.69							0.5					
			2G (GSM)	1.41	1.48		0.55			2.68			1.76					
			3G	0.49	0.45								0.22					
			CDMA						0.7									
			CDMA (oss)															
			HSD															
1	Service	Within 4 hrs	All Generations	99.98	93.00	98.00	100.00						98	98	99.63			

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status												
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone	
Maharashtra	1	Activation /Provisioning	with 95% success rate.	2G (GSM)							100.00					
				CDMA												
				HSD												
	2	Successful data transmission download attempts	>80%	All Generations			93.00							100	100	
				2G (GSM)	100.00	100.00		100.00				99.95				100.00
				3G		100.00		100.00								100.00
				CDMA												
				HSD												
	3	Successful data transmission upload attempts	>75%	All Generations			89.33							100	100	
				2G (GSM)	100.00	100.00		100.00				100.00				100.00
				3G		100.00		100.00								100.00
				CDMA												
				HSD												
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1									50.43 (Photon Whiz)		
					Plan 2									679.9 (Photon Plus)		
					Plan 3											
				2G	Plan 1	118.60	90.40	100.00	89(Open Plan)			71.4(RNC_PAYG)		65.7 (EDGE)	64.8	132.33(Rs. 599 unlimited 2G Data Plan)
					Plan 2											
					Plan 3											
				3G	Plan 1		1106.72	2600.00	2732(Open Plan)							2436.11(Unlimited 2G & 3G Data)
					Plan 2									4206.01 (Photon 3G)		
					Plan 3									3274.26 (Photon3G+)		
				4G	Plans										828.81833	
	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1									68.40 (Photon Whiz)		
					Plan 2									1308.17 (Photon Plus)		
					Plan 3											
				2G	Plan 1	134.88	134.68	114.00	174(Open Plan)			135.4(RNC_PAYG)		119.6506667(EDGE)	128.5	214.46(Rs. 599 unlimited 2G Data Plan)
					Plan 2											
				Plan 3												
			3G	Plan 1		3283.95	2643.00	5328(Open Plan)							3867.59(Unlimited 2G & 3G Data)	
				Plan 2									6002.29 (Photon 3G)			
				Plan 3									4417.79 (Photon3G+)			
			4G	Plans										2038.2353		
6	Latency	Data <250ms	All Generations			134.00							71.9	174.4		
			2G (GSM)	115.83	248.00		163.00				145.40				116.28	
			3G		54.10		96.00								38.67	
			CDMA													
			HSD													
7	PDP Context Activation Success Rate	>95%	All Generations			97.17							98.7	99.6		
			2G (GSM)	96.23	98.88		99.52				99.87				99.75	
			3G		99.97		99.88								99.44	
			CDMA													
			HSD													
8	Drop rate :	<=5%	All Generations			2.16							1.1	0.65		
			2G (GSM)	0.76	4.23		1.13				2.09				0.67	
			3G		0.05		0.74								0.21	
			CDMA													
			HSD													

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status															
Sl. No.	Parameters	Benchmarks	Generations	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	98.00		99.62						98		98.83			
				2G (GSM)			98.50												
				3G										100.00					
				CDMA															
	2	Successful data transmission download attempts	>80%	All Generations										100					
				2G (GSM)	99.66	98.64	100.00	100.00					100.00		99.33				
				3G		98.64	100.00	100.00					100.00						
				CDMA															
	3	Successful data transmission upload attempts	>75%	All Generations										100					
				2G (GSM)	100.00	98.35	100.00	100.00					100.00		99.33				
				3G		98.20	100.00	100.00					100.00						
				CDMA															
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1									55 (Photon Whiz)					
					Plan 2									462 (Photon Plus)					
					Plan 3														
				2G	Plan 1	65.16	81.49		85(Open Plan)						65.34(RNC_PAYG)	65 (EDGE)		91.66(MBB_C_V_199_30d_D2GB_FU_2G)	
					Plan 2														
					Plan 3														
					3G	Plan 1		2317.55	1756(3G Postpaid Data Plans-FMC-75)	1341(Open Plan)									
						Plan 2			1897(3G Postpaid Data Plans-FMC-225)							1222.16(HSD)	1074 (Photon 3G)		
						Plan 3			1856(3G Postpaid Data Plans-FMC-501)								2548 (Photon3G+)		
									1756(3G Postpaid Data Plans-FMC-666)										
									1742(3G Postpaid Data Plans-FMC-901)										
									1965(3G Prepaid Data Recharge Vouchers-56)										
									1850(3G Prepaid Data Recharge Vouchers-78)										
									2256(3G Prepaid Data Recharge Vouchers-98)										
									2020(3G Prepaid Data Recharge Vouchers-2105(3G Prepaid Data Recharge Vouchers-2256(3G Prepaid Data Recharge Vouchers-1925(3G Prepaid Data Recharge Vouchers-1786(3G Prepaid Data Recharge Vouchers-										
						4G	Plans												
5					Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1										79 (Photon Whiz Plus)	
								Plan 2											
	2G	Plan 1	119.66	140.88				148(Open Plan)						144.80(RNC_PAYG)	102 (EDGE)		162.51(MBB_C_V_199_30d_D2GB_FU_2G)		
		Plan 2																	

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status															
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone				
Madhya Pradesh			Plan 3																
			Plan 1		4375.13	2152(3G Postpaid Data Plans-FMC-75)	2847(Open Plan)												
			Plan 2			2145(3G Postpaid Data Plans-FMC-225)								2794.01(HS D)	2365 (Photon 3G)				
			Plan 3			1958(3G Postpaid Data Plans-FMC-501)									5781 (Photon3G+)				
						2185(3G Postpaid Data Plans-FMC-666)													
						1978(3G Postpaid Data Plans-FMC-901)													
						1854(3G Prepaid Data Recharge Vouchers-56)													
						1923(3G Prepaid Data Recharge Vouchers-78)													
						2060(3G Prepaid Data Recharge Vouchers-98)													
						2485(3G Prepaid Data Recharge Vouchers-													
						1765(3G Prepaid Data Recharge Vouchers-													
						2256(3G Prepaid Data Recharge Vouchers-													
						1687(3G Prepaid Data Recharge Vouchers-													
				1850(3G Prepaid Data Recharge Vouchers-															
				4G Plans															
	6	Latency	Data <250ms	All Generations										71.2					
				2G (GSM)	130.53	117.33	204.70	111.00					162.67			145.36			
				3G		29.33	112.80	97.00					99.12						
				CDMA															
				HSD															
7	PDP Context Activation Success Rate	≥95%	All Generations										98.9						
			2G (GSM)	96.23	98.71	111.90	99.65					99.82			99.92				
			3G		99.81	98.00	99.33					98.82							
			CDMA																
			HSD																
8	Drop rate :	≤5%	All Generations										1.5						
			2G (GSM)	4.50	3.34		1.43					0.14			2.02				
			3G		0.05	0.90	0.52					0.84							
			CDMA																
			HSD																
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.98	98.00		99.99	96.37					99		99.89				
			2G (GSM)																
			3G									100.00							
			CDMA																
2	Successful data transmission download attempts	>80%	All Generations										100						
			2G (GSM)	100.00	100.00		100.00	99.72			100.00			100.00					
			3G		100.00			99.97			100.00				100.00				
			CDMA																
3	Successful data transmission upload attempts	>75%	All Generations										100						
			2G (GSM)	100.00	100.00		100.00	100.00			100.00			100.00					
			3G		100.00			99.88			100.00				100.00				
			CDMA																
4	Minimum download speed (Kbps)	To be measured for each Plan and	CDMA Plan 1										44 (Photon Whiz)						
			Plan 2										413 (Photon Plus)						
			Plan 3																

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status															
Sl. No.	Parameters	Benchmarks	Generations		Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Mumbai		Reported to TRAI	2G	Plan 1	87.27	159.10		96(Open Plan)	36.58			63.78(RNC_P AYG)		77 (EDGE)		125.25(VMC699U L)			
				Plan 2															
				Plan 3															
			3G	Plan 1		2731.77					721.29			1378.06				5871.18(MI 8GB)	
				Plan 2															
				Plan 3															
			4G	Plans															
				CDMA												65 (Photon Whiz) 770 (Photon Plus)			
			5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G	Plan 1	142.43	188.75		157(Open Plan)	85.63			132.8(RNC_P AYG)		136 (EDGE)		187.74(VMC699U L)
							Plan 2												
	Plan 3																		
	3G	Plan 1					4622.61					1105.64			2747.52				8157.01(MI 8GB)
		Plan 2																	
	Plan 3																		
	4G	Plans																	
6	Latency	Data <250ms	All Generations											98.54					
			2G (GSM)	139.00	96.00		118.00					121.33			88.10				
			3G		23.60					182.72			41.33			15.76			
			CDMA																
7	PDP Context Activation Success Rate	≥95%	All Generations					99.95						97.93					
			2G (GSM)	96.23	99.25		99.78					100.00			99.68				
			3G		98.81							99.65			99.27				
			CDMA																
			HSD																
8	Drop rate :	≤5%	All Generations					1.60						1.24					
			2G (GSM)	1.30	4.29		0.19					0.66			2.68				
			3G		0.06							0.43			0.40				
			CDMA																
			HSD																
n East	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.95	98.00		99.99								99.75			
				2G (GSM)			100.00												
				3G			100.00							100.00					
				HSD															
	2	Successful data transmission download	>80%	All Generations															
				2G (GSM)	100.00	100.00	100.00	100.00							100.00				
				3G	100.00	100.00	100.00							100.00	100.00				
				CDMA															
	3	Successful data transmission upload	>75%	All Generations															
				2G (GSM)	100.00	100.00	100.00	100.00							100.00				
				3G	100.00	100.00	100.00							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	150.76	137.24	57.35(Postpaid Data Plans 99)	76(Open Plan)									133.73(Pack @699)		
				Plan 2			57.35(Postpaid Data Plans 125)												
				Plan 3			57.35(Postpaid Data Plans 225)												
							57.35(Postpaid Data Plans 501)												
			57.35(Postpaid Data Plans 901)																

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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Report for quarter ending: Dec 2016					Compliance Status														
Region	Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
					North							57.35(Prepaid Data Special Tariff Vouchers-17)							
							57.35(Prepaid Data Special Tariff Vouchers-39)												
							57.35(Prepaid Data Special Tariff Vouchers-78)												
							57.35(Prepaid Data Special Tariff Vouchers-98)												
							57.35(Prepaid Data Special Tariff Vouchers-139)												
							57.35(Prepaid Data Special Tariff Vouchers-251)												
							57.35(Prepaid Data Special Tariff Vouchers-561)												
							57.35(Prepaid Data Special Tariff Vouchers-821)												
							57.35(Prepaid Data Special Tariff Vouchers-1011)												
North East	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	3G		Plan 1	2034.20	2087.71	720.66(Postpaid Data Plans 99)										3298.21
						Plan 2			720.66(Postpaid Data Plans 125)						1950.54(HSD)				
						Plan 3			720.66(Postpaid Data Plans 225)										
									720.66(Postpaid Data Plans 501)										
									720.66(Postpaid Data Plans 901)										
									720.66(Prepaid Data Special Tariff Vouchers-17)										
									720.66(Prepaid Data Special Tariff Vouchers-39)										
									720.66(Prepaid Data Special Tariff Vouchers-78)										
									720.66(Prepaid Data Special Tariff Vouchers-98)										
									720.66(Prepaid Data Special Tariff Vouchers-139)										
								720.66(Prepaid Data Special Tariff Vouchers-251)											
								720.66(Prepaid Data Special Tariff Vouchers-561)											
								720.66(Prepaid Data Special Tariff Vouchers-821)											
								720.66(Prepaid Data Special Tariff Vouchers-1011)											
North East	5	Average Throughput	>75% of the subscribed	4G Plans															
				CDMA Plan 1															
				CDMA Plan 2															

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.

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

Report for quarter ending: Dec 2016				Compliance Status													
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
North East	for Packet data (Kbps)	speed.	Plan 3														
			2G	Plan 1	178.14	184.18	130.58(Postpaid Data Plans 99)	118(Open Plan)									168.75(Pack @699)
			Plan 2			130.58(Postpaid Data Plans 125)											
			Plan 3			130.58(Postpaid Data Plans 225)											
						130.58(Postpaid Data Plans 501)											
						130.58(Postpaid Data Plans 901)											
						130.58(Prepaid Data Special Tariff Vouchers-17)											
						130.58(Prepaid Data Special Tariff Vouchers-39)											
						130.58(Prepaid Data Special Tariff Vouchers-78)											
						130.58(Prepaid Data Special Tariff Vouchers-98)											
						130.58(Prepaid Data Special Tariff Vouchers-139)											
						130.58(Prepaid Data Special Tariff Vouchers-251)											
			5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	2G			130.58(Prepaid Data Special Tariff Vouchers-561)								
						130.58(Prepaid Data Special Tariff Vouchers-821)											
3G	Plan 1	3225.89				3409.09	1785.75(Postpaid Data Plans 99)									4570.50	
Plan 2						1785.75(Postpaid Data Plans 125)							2913.38(HS D)				
Plan 3						1785.75(Postpaid Data Plans 225)											
						1785.75(Postpaid Data Plans 501)											
						1785.75(Postpaid Data Plans 901)											
						1785.75(Prepaid Data Special Tariff Vouchers-17)											
						1785.75(Prepaid Data Special Tariff Vouchers-39)											
						1785.75(Prepaid Data Special Tariff Vouchers-78)											
						1785.75(Prepaid Data Special Tariff Vouchers-98)											
						1785.75(Prepaid Data Special Tariff Vouchers-139)											
						1785.75(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.

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

Report for quarter ending: Dec 2016					Compliance Status															
Sl. No.	Parameters	Benchmarks	Generations		Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone				
North East II							1785.75(Prepaid Data Special Tariff Vouchers-561)													
							1785.75(Prepaid Data Special Tariff Vouchers-821)													
							1785.75(Prepaid Data Special Tariff Vouchers-1011)													
				4G Plans																
	6	Latency	Data <250ms	All Generations																
				2G (GSM)	140.00	232.00	231.00	103.00							180.33					
				3G	38.17	35.60	209.00						81.00		65.67					
				CDMA																
	7	PDP Context Activation Success Rate	≥95%	All Generations																
				2G (GSM)	99.81	98.61	99.78	99.96							98.98					
				3G	99.81	99.81	99.80						99.71		97.95					
				CDMA																
	8	Drop rate :	≤5%	All Generations																
				2G (GSM)	0.97	1.60		0.19							2.38					
				3G	1.16	0.82	0.45						0.78		0.35					
CDMA																				
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations			100.00														
			2G (GSM)																	
			3G																	
			HSD																	
			2	Successful data transmission download	>80%	All Generations			100.00											
						2G (GSM)														
						3G														
						CDMA														
			3	Successful data transmission upload	>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			966kbps																
	Plan 2																			
	Plan 3																			
4G	Plans																			
	6	Latency	Data <250ms	All Generations			210ms													
				2G (GSM)																
				3G																
CDMA																				
7	PDP Context Activation	≥95%	All Generations			98.32														
			2G (GSM)																	

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status														
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
8	Success Rate	≤5%	3G															
			CDMA															
			All Generations			0.39												
			2G (GSM)															
			3G															
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	CDMA															
			All Generations	99.93	92.00		99.98							97		99.70		
			2G (GSM)			100.00												
			3G			100.00							100.00					
			CDMA															
2	Successful data transmission download attempts	>80%	HSD															
			All Generations											100				
			2G (GSM)	100.00	100.00	100.00	100.00									100.00		
			3G	100.00	100.00	100.00							100.00					
			CDMA															
3	Successful data transmission upload attempts	>75%	HSD															
			All Generations											100				
			2G (GSM)	100.00	100.00	100.00	100.00									100.00		
			3G	100.00	100.00	100.00							100.00					
			CDMA															
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA											65 (Photon Whiz)				
			Plan 1															
			Plan 2															
			Plan 3															
			2G												123 (EDGE)		97.5(Plan-99_1GB)	
			Plan 1	125.65	62.27	74(Postpaid Data Plans 50)	57(Open Plan)											
			Plan 2			74(Postpaid Data Plans 75)												
			Plan 3			74(Postpaid Data Plans 170)												
						74(Postpaid Data Plans 225)												
						74(Postpaid Data Plans 501)												
						74(Postpaid Data Plans 666)												
						74(Postpaid Data Plans 901)												
						74(Postpaid Data Plans 1711)												
						74(Prepaid Data Special Tariff Vouchers-4)												
						74(Prepaid Data Special Tariff Vouchers-17)												
						74(Prepaid Data Special Tariff Vouchers-29)												
						74(Prepaid Data Special Tariff Vouchers-39)												
						74(Prepaid Data Special Tariff Vouchers-56)												
						74(Prepaid Data Special Tariff Vouchers-68)												
						74(Prepaid Data Special Tariff Vouchers-78)												
						74(Prepaid Data Special Tariff Vouchers-96)												
			74(Prepaid Data Special Tariff Vouchers-98)															
			74(Prepaid Data Special Tariff Vouchers-103)															
			74(Prepaid Data Special Tariff Vouchers-118)															
			74(Prepaid Data Special Tariff Vouchers-139)															
			74(Prepaid Data Special Tariff Vouchers-155)															

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.

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

Report for quarter ending: Dec 2016					Compliance Status																
Sl. No.	Parameters	Benchmarks	Generations																		
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone						
Orissa	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	2G			74(Prepaid Data Special Tariff Vouchers-156)														
							74(Prepaid Data Special Tariff Vouchers-158)														
							74(Prepaid Data Special Tariff Vouchers-178)														
							74(Prepaid Data Special Tariff Vouchers-179)														
							74(Prepaid Data Special Tariff Vouchers-182)														
							74(Prepaid Data Special Tariff Vouchers-198)														
							74(Prepaid Data Special Tariff Vouchers-239)														
							74(Prepaid Data Special Tariff Vouchers-291)														
							74(Prepaid Data Special Tariff Vouchers-319)														
							74(Prepaid Data Special Tariff Vouchers-329)														
							74(Prepaid Data Special Tariff Vouchers-444)														
							74(Prepaid Data Special Tariff Vouchers-451)														
						74(Prepaid Data Special Tariff Vouchers-549)															
						74(Prepaid Data Special Tariff Vouchers-561)															
						74(Prepaid Data Special Tariff Vouchers-821)															
						74(Prepaid Data Special Tariff Vouchers-1099)															
						74(Prepaid Data Special Tariff Vouchers-1499)															
						74(Prepaid Data Special Tariff Vouchers-1949)															
						74(Prepaid Data Special Tariff Vouchers-2799)															
						74(Prepaid Data Special Tariff Vouchers-3999)															
						74(Prepaid Data Special Tariff Vouchers-4499)															
							3G	Plan 1	2356.67	1961.89	1007(Postpaid Data Plans 50)										
								Plan 2			1007(Postpaid Data Plans 75)						1914.06(HSD)				
								Plan 3			1007(Postpaid Data Plans 170)										
								1007(Postpaid Data Plans 225)													
								1007(Postpaid Data Plans 501)													
								1007(Postpaid Data Plans 666)													
								1007(Postpaid Data Plans 901)													
								1007(Postpaid Data Plans 1711)													
								1007(Prepaid Data Special Tariff Vouchers-4)													
							1007(Prepaid Data Special Tariff Vouchers-17)														
							1007(Prepaid Data Special Tariff Vouchers-29)														
							1007(Prepaid Data Special Tariff Vouchers-39)														
							1007(Prepaid Data Special Tariff Vouchers-56)														
							1007(Prepaid Data Special Tariff Vouchers-68)														

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016					Compliance Status													
Sl. No.	Parameters	Benchmarks	Generations	Compliance Status														
				Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Orissa				3G			1007(Prepaid Data Special Tariff Vouchers-78)											
							1007(Prepaid Data Special Tariff Vouchers-96)											
							1007(Prepaid Data Special Tariff Vouchers-98)											
							1007(Prepaid Data Special Tariff Vouchers-103)											
							1007(Prepaid Data Special Tariff Vouchers-118)											
							1007(Prepaid Data Special Tariff Vouchers-139)											
							1007(Prepaid Data Special Tariff Vouchers-155)											
							1007(Prepaid Data Special Tariff Vouchers-156)											
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	3G			1007(Prepaid Data Special Tariff Vouchers-158)											
							1007(Prepaid Data Special Tariff Vouchers-178)											
							1007(Prepaid Data Special Tariff Vouchers-179)											
							1007(Prepaid Data Special Tariff Vouchers-182)											
							1007(Prepaid Data Special Tariff Vouchers-198)											
							1007(Prepaid Data Special Tariff Vouchers-239)											
							1007(Prepaid Data Special Tariff Vouchers-291)											
							1007(Prepaid Data Special Tariff Vouchers-319)											
							1007(Prepaid Data Special Tariff Vouchers-329)											
							1007(Prepaid Data Special Tariff Vouchers-444)											
							1007(Prepaid Data Special Tariff Vouchers-451)											
							1007(Prepaid Data Special Tariff Vouchers-549)											
		1007(Prepaid Data Special Tariff Vouchers-561)																
		1007(Prepaid Data Special Tariff Vouchers-821)																
		1007(Prepaid Data Special Tariff Vouchers-1099)																
		1007(Prepaid Data Special Tariff Vouchers-1499)																
		1007(Prepaid Data Special Tariff Vouchers-1949)																
		1007(Prepaid Data Special Tariff Vouchers-2799)																
		1007(Prepaid Data Special Tariff Vouchers-3999)																
		1007(Prepaid Data Special Tariff Vouchers-4499)																
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	4G	Plans														
			CDMA	Plan 1											70 (Photon Whiz)			
				Plan 2											Plus)			
				Plan 3														
			2G	Plan 1	185.45	113.69	124(Postpaid Data Plans 50)	136(Open Plan)							134 (EDGE)		143.73(Plan-99_1GB)	
				Plan 2			124(Postpaid Data Plans 75)											
				Plan 3			124(Postpaid Data Plans 170)											
							124(Postpaid Data Plans 225)											
			124(Postpaid Data Plans 501)															

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

Report for quarter ending: Dec 2016					Compliance Status											
Sl. No.	Parameters	Benchmarks	Generations		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.	2G	124(Postpaid Data Plans 666)											
					124(Postpaid Data Plans 901)											
					124(Postpaid Data Plans 1711)											
					124(Prepaid Data Special Tariff Vouchers-4)											
					124(Prepaid Data Special Tariff Vouchers-17)											
					124(Prepaid Data Special Tariff Vouchers-29)											
					124(Prepaid Data Special Tariff Vouchers-39)											
					124(Prepaid Data Special Tariff Vouchers-56)											
					124(Prepaid Data Special Tariff Vouchers-68)											
					124(Prepaid Data Special Tariff Vouchers-78)											
					124(Prepaid Data Special Tariff Vouchers-96)											
					124(Prepaid Data Special Tariff Vouchers-98)											
					124(Prepaid Data Special Tariff Vouchers-103)											
					124(Prepaid Data Special Tariff Vouchers-118)											
					124(Prepaid Data Special Tariff Vouchers-139)											
					124(Prepaid Data Special Tariff Vouchers-155)											
					124(Prepaid Data Special Tariff Vouchers-156)											
					124(Prepaid Data Special Tariff Vouchers-158)											
					124(Prepaid Data Special Tariff Vouchers-178)											
					124(Prepaid Data Special Tariff Vouchers-179)											
					124(Prepaid Data Special Tariff Vouchers-182)											
					124(Prepaid Data Special Tariff Vouchers-198)											
					124(Prepaid Data Special Tariff Vouchers-239)											
					124(Prepaid Data Special Tariff Vouchers-291)											
					124(Prepaid Data Special Tariff Vouchers-319)											
					124(Prepaid Data Special Tariff Vouchers-329)											
					124(Prepaid Data Special Tariff Vouchers-444)											
					124(Prepaid Data Special Tariff Vouchers-451)											
					124(Prepaid Data Special Tariff Vouchers-549)											
					124(Prepaid Data Special Tariff Vouchers-561)											
					124(Prepaid Data Special Tariff Vouchers-821)											
					124(Prepaid Data Special Tariff Vouchers-1099)											
124(Prepaid Data Special Tariff Vouchers-1499)																
124(Prepaid Data Special Tariff Vouchers-1949)																
124(Prepaid Data Special Tariff Vouchers-2799)																

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status																	
Sl. No.	Parameters	Benchmarks	Generations		Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone					
			Orissa			3G	Plan 1	3244.30	3218.83	124(Prepaid Data Special Tariff Vouchers-3999)											
Plan 2							124(Prepaid Data Special Tariff Vouchers-4499)														
Plan 3							2691(Postpaid Data Plans 50)														
							2691(Postpaid Data Plans 75)									2993.16(HS D)					
							2691(Postpaid Data Plans 170)														
							2691(Postpaid Data Plans 225)														
							2691(Postpaid Data Plans 501)														
							2691(Postpaid Data Plans 666)														
							2691(Postpaid Data Plans 901)														
							2691(Postpaid Data Plans 1711)														
3G										2691(Prepaid Data Special Tariff Vouchers-4)											
										2691(Prepaid Data Special Tariff Vouchers-17)											
										2691(Prepaid Data Special Tariff Vouchers-29)											
										2691(Prepaid Data Special Tariff Vouchers-39)											
										2691(Prepaid Data Special Tariff Vouchers-56)											
										2691(Prepaid Data Special Tariff Vouchers-68)											
										2691(Prepaid Data Special Tariff Vouchers-78)											
										2691(Prepaid Data Special Tariff Vouchers-96)											
										2691(Prepaid Data Special Tariff Vouchers-98)											
										2691(Prepaid Data Special Tariff Vouchers-103)											
						2691(Prepaid Data Special Tariff Vouchers-118)															
						2691(Prepaid Data Special Tariff Vouchers-139)															
						2691(Prepaid Data Special Tariff Vouchers-155)															
						2691(Prepaid Data Special Tariff Vouchers-156)															
						2691(Prepaid Data Special Tariff Vouchers-158)															
						2691(Prepaid Data Special Tariff Vouchers-178)															
						2691(Prepaid Data Special Tariff Vouchers-179)															
						2691(Prepaid Data Special Tariff Vouchers-182)															
						2691(Prepaid Data Special Tariff Vouchers-198)															
						2691(Prepaid Data Special Tariff Vouchers-239)															
						2691(Prepaid Data Special Tariff Vouchers-291)															
						2691(Prepaid Data Special Tariff Vouchers-319)															
						2691(Prepaid Data Special Tariff Vouchers-329)															
						2691(Prepaid Data Special Tariff Vouchers-444)															
						2691(Prepaid Data Special Tariff Vouchers-451)															

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Quarterly Performance Monitoring Report (PMR) on Quality of Service of Wireless Data Services

Report for quarter ending: Dec 2016				Compliance Status													
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
			4G Plans	2691(Prepaid Data Special Tariff Vouchers-549)													
				2691(Prepaid Data Special Tariff Vouchers-561)													
				2691(Prepaid Data Special Tariff Vouchers-821)													
				2691(Prepaid Data Special Tariff Vouchers-1099)													
				2691(Prepaid Data Special Tariff Vouchers-1499)													
				2691(Prepaid Data Special Tariff Vouchers-1949)													
				2691(Prepaid Data Special Tariff Vouchers-2799)													
				2691(Prepaid Data Special Tariff Vouchers-3999)													
				2691(Prepaid Data Special Tariff Vouchers-4499)													
6	Latency	Data <250ms	All Generations										100.7				
			2G (GSM)	69.00	145.00	336.80	83.00							125.33			
			3G	115.50	59.30	166.00						37.00					
			CDMA														
			HSD														
7	PDP Context Activation Success Rate	≥95%	All Generations										98.49				
			2G (GSM)	99.34	99.33	99.10	99.67							99.92			
			3G	99.34	99.50	99.20						99.71					
			CDMA														
			HSD														
8	Drop rate :	≤5%	All Generations										0.54				
			2G (GSM)	0.95	2.81	1.23	1.39							1.90			
			3G	85.00	0.31							1.23					
			CDMA														
			HSD														
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.80	98.00	100.00	99.99						99		98.46		
			2G (GSM)														
			3G									100.00					
			CDMA														
			HSD														
2	Successful data transmission download attempts	>80%	All Generations			88.40				97.50			100				
			2G (GSM)	99.94	100.00		100.00				100.00			100.00			
			3G	99.83			100.00				100.00						
			CDMA														
			HSD														
3	Successful data transmission upload attempts	>75%	All Generations			94.72				96.71			100				
			2G (GSM)	99.94	100.00		100.00				100.00			100.00			
			3G	99.83			100.00				100.00						
			CDMA														
			HSD														
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1									37.22 (Photon Whiz)				
				Plan 2									470.73 (Photon Plus)				
				Plan 3									2357.31 (Photon Max)				
			2G	Plan 1	109.89	104.63		89(Open Plan)			195 (Prepaid - STV 96)	148.56(RNC_ PAYG)			92.30 (EDGE)		114.27(Unlimited @ 199)
				Plan 2													
				Plan 3													
			3G	Plan 1	2806.12			2172(Open Plan)				2282.13 (HSD)			1232.99 (Photon 3G)		
Plan 2												2800.42 (Photon 3G)					

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

Report for quarter ending: Dec 2016					Compliance Status															
Sl. No.	Parameters	Benchmarks	Generations		Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone				
Punjab	5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	4G	Plan 3									5420.03 (Photon3G+)						
					Plans															
					CDMA	Plan 1											68.34 (Photon Whiz)			
					Plan 2												1457.79 (Photon Plus)			
					Plan 3												3178.81 (Photon Max)			
					2G	Plan 1	131.21	169.64			165(Open Plan)			235 (Prepaid - STV 96)	184.91(RNC_PAYG)			115.66 (EDGE)		154.46(Unlimited @ 199)
						Plan 2														
						Plan 3														
						3G	Plan 1	3523.00		825.91		4977(Open Plan)				2808.6 (HSD)		1761.95 (Photon 3G)		
							Plan 2											3402.42 (Photon 3G)		
				Plan 3											5961.31 (Photon3G+)					
				4G	Plans															
	6	Latency	Data <250ms		All Generations										243.33		61.4			
					2G (GSM)	118.71	210.00			184.00					241.00			84.19		
					3G	27.55		150.96		43.00					35.00					
CDMA																				
HSD																				
7	PDP Context Activation Success Rate	≥95%		All Generations			97.13							99.24		98.9				
				2G (GSM)	99.36	99.96			100.00					98.91			99.64			
				3G	99.36				100.00					99.28						
				CDMA																
				HSD																
8	Drop rate :	≤5%		All Generations			1.05							1.42		1.4				
				2G (GSM)	0.92	0.13			1.20					1.69			2.04			
				3G	1.77				0.28					0.29						
				CDMA																
				HSD																
Chhatisgarh	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.97	95.00		99.98							100		99.25			
				2G (GSM)																
				3G										100.00						
				CDMA								95.00								
				HSD																
	2	Successful data transmission download attempts	>80%		All Generations			100.00								100				
					2G (GSM)	99.07	100.00			100.00					99.09			100.00		
					3G		100.00								100.00				100.00	
					CDMA								100							
					HSD															
	3	Successful data transmission upload attempts	>75%		All Generations			100.00								100				
					2G (GSM)	98.90	100.00			100.00					98.81			100.00		
					3G		100.00								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							756(Mblaze)				72 (Photon Whiz)					
				Plan 2											1144 (Photon Plus)					
				Plan 3																
			2G	Plan 1	59.44	144.03	307.427(Postpaid Data Plan 50)	107(Open Plan)						80.19(RNC_PAYG)		101 (EDGE)		125.89(Unlimited GB)		
				Plan 2			304.755(Postpaid Data Plan 75)													
				Plan 3			291.674(Postpaid Data Plan 170)													
							278.325(Postpaid Data Plan 225)													

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.

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

Report for quarter ending: Dec 2016				Compliance Status													
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
				Rajasthan													
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	2G			278.113(Postpaid Data Plan 501)											
						270.18(Postpaid Data Plan 666)											
						280.958(Postpaid Data Plan 901)											
						291.907(Postpaid Data Plan 1711)											
						305.291(Postpaid Data Plan 240)											
						278.914(Postpaid Data Plan 340)											
						251.789(Prepaid Data STV 4)											
						306.341(Prepaid Data STV 14)											
						284.401(Prepaid Data STV 31)											
						257.012(Prepaid Data STV 39)											
						283.058(Prepaid Data STV 56)											
						315.339(Prepaid Data STV 68)											
						307.226(Prepaid Data STV 78)											
					280.815(Prepaid Data STV 98)												
					300.75(Prepaid Data STV 155)												
					293.153(Prepaid Data STV 198)												
					309.796(Prepaid Data STV 239)												
					288.13(Prepaid Data STV 291)												
					320(Prepaid Data STV 444)												
					318.231(Prepaid Data STV 451)												
		308.232(Prepaid Data STV 561)															
		285.361(Prepaid Data STV 821)															
		243.475(Prepaid Data STV 1099)															
		274.021(Prepaid Data STV 1949)															
		260.98(Prepaid Data STV 3099)															
		270.712(Prepaid Data STV 156)															
		307.714(Prepaid Data STV 399)															
		253.571(Prepaid Data STV 549)															
		226.399(Prepaid Data STV 629)															
		309.563(Prepaid Data STV 2399)															
			3G		2795.29)				5444.33		
			Plan 1														
			Plan 2														
			Plan 3														
			4G														
			Plan 1						1891(Mblaze)				80 (Photon Whiz)				
5	Average	>75% of the	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.

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Report for quarter ending: Dec 2016				Compliance Status													
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
Tamilnadu	Throughput for Packet data (Kbps)	subscribed speed.	Plan 2						3284 (Mblaze ultra)				1580 (Photon Plus)				
			Plan 3														
			2G Plan 1	117.24	159.38		157(Open Plan)					118.19(RNC_PAYG)		127 (EDGE)		181.64(Unlimited GB)	
			Plan 2														
			Plan 3														
			3G Plan 1		3400.09		302.28						1698(HSD)				8530.00
			Plan 2														
			Plan 3														
			4G Plans														
			6	Latency	Data <250ms	All Generations			87.15ms							94.4	
				2G (GSM)	117.00	166.00		94.00				246.00				119.00	
				3G		61.90						46.00				103.67	
				CDMA						69							
				HSD													
	7	PDP Context Activation Success Rate	≥95%	All Generations			99.99							97.9			
				2G (GSM)	97.70	99.72		99.70				95.87				99.81	
				3G		100.00						93.63				98.44	
				CDMA						99.39							
				HSD													
	8	Drop rate :	≤5%	All Generations			0.00							1.46			
			2G (GSM)	0.83	1.13		0.14				2.66				2.67		
			3G		0.47						0.55				0.53		
			CDMA						0.7								
			HSD														
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.90		100.00	99.86						99		99.82		
			2G (GSM)								100.00						
			CDMA						95.00								
			HSD														
2	Successful data transmission download attempts	>80%	All Generations			98.09	100.00				100.00		100		100.00		
			2G (GSM)	100.00		98.09	100.00				100.00		100		100.00		
			3G	100.00		99.49									100.00		
			CDMA						100								
			HSD														
3	Successful data transmission upload attempts	>75%	All Generations			97.32	100.00				99.88		100		100.00		
			2G (GSM)	100.00		97.32	100.00				99.88		100		100.00		
			3G	100.00		99.35									100.00		
			CDMA						100								
			HSD														
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA Plan 1						997(Mblaze)				43 (Photon Whiz)				
			Plan 2						1885 (Mblaze ultra)				739 (Photon Plus)				
			Plan 3														
			2G Plan 1	146.15		61.19	86(Open Plan)				60.74(RNC_PAYG)		55 (EDGE)		94.18(199 Unlimited 2GB)		
			Plan 2														
			Plan 3														
			3G Plan 1	3942.40		1727.58									3153.13(650 Unlimited 3GB)		
			Plan 2														
			Plan 3														
			4G Plans														
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA Plan 1						1400(Mblaze)				76 (Photon Whiz)				
			Plan 2						2899 (Mblaze ultra)				1702 (Photon Plus)				
			Plan 3														
			2G Plan 1	213.21		110.76	135(Open Plan)				142.30(RNC_PAYG)		120 (EDGE)		152.42(199 Unlimited 2GB)		
			Plan 2														

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Report for quarter ending: Dec 2016				Compliance Status														
Sl. No.	Parameters	Benchmarks	Generations		Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone		
			3G	4G														
Uttar Pradesh (East)				Plan 3														
				3G Plan 1	8209.07		3028.96										6061.30(650 Unlimited 3GB)	
				Plan 2														
				Plan 3														
	6	Latency	Data <250ms	All Generations	4G Plans										99.39			
					2G (GSM)	72.44		611.25	113.00				118.21			149.42		
					3G	24.50		111.93									33.33	
					CDMA						77							
	7	PDP Context Activation Success Rate	≥95%	All Generations	HSD										97.95			
					2G (GSM)	96.23		99.90	99.84				99.87			99.84		
					3G	96.23		99.94									99.54	
					CDMA						99.7							
	8	Drop rate :	≤5%	All Generations	HSD										0.8			
					2G (GSM)	1.05		0.02	1.31				2.45			2.06		
					3G	0.56		0.14								0.54		
					CDMA						1.2							
Uttar Pradesh (East)	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.86	99.00	97.00	99.98						99	96	99.70		
					2G (GSM)								100.00					
					CDMA													
					HSD													
	2	Successful data transmission download attempts	>80%	All Generations	93.60									100	100			
					2G (GSM)	100.00	100.00	100.00	100.00				99.89		99.96			
					3G	100.00	100.00	100.00	100.00						99.75			
					CDMA													
	3	Successful data transmission upload attempts	>75%	All Generations	83.50									100	100			
					2G (GSM)	100.00	100.00	100.00	100.00				99.83		99.96			
					3G	100.00	100.00	100.00	100.00						100.00			
					CDMA													
	4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1										59.223333 (Photon Whiz)			
					Plan 2										1075.92 (Photon Plus)			
					Plan 3										2127.8867 (Photon Max)			
				2G	Plan 1	122.10	111.09	102.00	123(Open Plan)					78.65(RNC_P AYG)		72.33 (EDGE)	71.3	132.72(Rs.1599 12GB Free)
Plan 2																		
Plan 3																		
3G				Plan 1	2493.12	1889.44	1870.00	2136(Open Plan)									3423.89(Rs.1599 12GB Free)	
				Plan 2														
4G	Plans																	
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA	Plan 1										73.03 (Photon Whiz)	1552.6167			
				Plan 2										1696.43 (Photon Plus)				
				Plan 3										2777.22 (Photon Max)				
			2G	Plan 1	181.19	187.76	135.00	133(Open Plan)					150.24(RNC_P AYG)		107.48 (EDGE)	79.5	170.90(Rs.1599 12GB Free)	
				Plan 2														
				Plan 3														

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.
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Report for quarter ending: Dec 2016				Compliance Status														
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
Uttar Pradesh (West)	6	Latency	Data <250ms	3G Plan 1	4032.21	5206.13	1953.00	2339(Open Plan)								4903.93(Rs.1599 12GB Free)		
				3G Plan 2														
				3G Plan 3														
				4G Plans													2059.9197	
				All Generations			167.00								73.19	143.6		
	7	PDP Context Activation Success Rate	≥95%	2G (GSM)	92.60	227.00		178.00				122.62				160.85		
				3G	41.58	169.00		89.00							51.95			
				CDMA														
				HSD														
	8	Drop rate :	≤5%	All Generations			99.43							98.08	99.2			
				2G (GSM)	99.82	99.66		99.69			95.87			99.82				
				3G	99.82	100.00		99.57						99.46				
				CDMA														
	1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations			99.43							98.08	99.2			
				2G (GSM)	99.82	99.66		99.69			95.87			99.82				
3G				99.82	100.00		99.57						99.46					
CDMA																		
2	Successful data transmission download attempts	>80%	All Generations			99.43							98.08	99.2				
			2G (GSM)	92.46	100.00		100.00			100.00			100.00					
			3G		100.00		100.00						99.36					
			CDMA						99.9									
3	Successful data transmission upload attempts	>75%	All Generations			91.60							100	100				
			2G (GSM)	93.30	100.00		100.00			100.00			100.00					
			3G		100.00		100.00						99.43					
			CDMA						99.9									
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA Plan 1						848(Mblaze)				69 (Photon Whiz)					
			CDMA Plan 2						1587 (Mblaze ultra)				738 (Photon Plus Max)					
			CDMA Plan 3															
			2G Plan 1	109.23	94.25	98.70	74(Open Plan)			114.42(RNC_PAYG)		122 (EDGE)	95.2	118.89(250 with 1 GB data)				
			2G Plan 2															
			2G Plan 3															
			3G Plan 1		1386.35	1062.70	2136(Open Plan)							5643.80				
			3G Plan 2											3044 (Photon 3G)				
			3G Plan 3											4267(Photon3G+)				
			4G Plans															
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	CDMA Plan 1						1437(Mblaze)				79 (Photon Whiz)					
			CDMA Plan 2						2628 (Mblaze ultra)				1501 (Photon Plus Max)					
			CDMA Plan 3															
			2G Plan 1	170.55	198.01	115.70	172(Open Plan)			177.55(RNC_PAYG)		139 (EDGE)	128.6	162.80(250 with 1 GB data)				
			2G Plan 2															
			2G Plan 3															
			3G Plan 1		2442.26	1704.00	3613(Open Plan)							6127.86				
3G Plan 2											3975 (Photon 3G)							
3G Plan 3											5729(Photon3G+)							
6	Latency	Data <250ms	4G Plans											2185.65				
			All Generations			223.70							65	117.7				
			2G (GSM)	94.02	173.00		125.00			227.33				163.00				

Note 1: The text in the bracket (like RNC_PayG, Mblaze etc) are the plan names of the respective service provider.

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Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
7	PDP Context Activation Success Rate	≥95%	3G		75.30		88.00									83.00		
			CDMA						68									
			HSD															
			All Generations			97.10									98.9	99.7		
			2G (GSM)	96.93	99.69		99.92						98.91				99.92	
			3G		99.95		99.22										98.77	
			CDMA								99.87							
8	Drop rate :	≤5%	All Generations			2.60								1.3	0.7			
			2G (GSM)	0.68	0.96		1.27					1.28				2.32		
			3G		0.46		1.03									0.48		
			CDMA							0.89								
			HSD															
1	Service Activation /Provisioning	Within 4 hrs with 95% success rate.	All Generations	99.99	98.00		99.99									99.55		
			2G (GSM)															
			3G											100.00				
			CDMA								95.00							
2	Successful data transmission download attempts	>80%	All Generations			98.37												
			2G (GSM)	100.00	100.00		100.00									99.54		
			3G	100.00	100.00									98.82		99.63		
			CDMA								100							
3	Successful data transmission upload attempts	>75%	All Generations			98.37												
			2G (GSM)	100.00	100.00		100.00									99.64		
			3G	100.00	100.00									98.82		99.48		
			CDMA								100							
4	Minimum download speed (Kbps)	To be measured for each Plan and Reported to TRAI	CDMA	Plan 1						706(Mblaze)			47 (Photon Whiz)					
				Plan 2						898 (Mblaze ultra)								
				Plan 3														
			2G	Plan 1	89.89	98.07	210.60	126(Open Plan)							95 (EDGE)		102.5(2GB Plan)	
				Plan 2														
				Plan 3														
			3G	Plan 1	662.19	1694.28	10038.00								1469.30(HS D)			Plan)
				Plan 2														
				Plan 3														
			4G	Plans														
				CDMA	Plan 1											69 (Photon Whiz)		
					Plan 2													
Plan 3																		
2G	Plan 1	169.88	138.74	219.00	154(Open Plan)								161 (EDGE)		142.88(2GB Plan)			
	Plan 2																	
	Plan 3																	
3G	Plan 1	3017.39	2894.90	10846.00											Plan)			
	Plan 2											2188.37(HS D)						
	Plan 3																	
5	Average Throughput for Packet data (Kbps)	>75% of the subscribed speed.	4G Plans															
			CDMA	Plan 1						1094(Mlaze)				69 (Photon Whiz)				
				Plan 2						1490 (Mblaze ultra)								
				Plan 3														
6	Latency	Data <250ms	All Generations			136.00									145			
			2G (GSM)	144.13	232.00		186.00								106.83			
			3G	29.26	45.50								38.23		47.06			
			CDMA							62								
7	PDP Context Activation Success Rate	≥95%	All Generations											98.09				
			2G (GSM)	99.96	99.58		99.37								99.81			
			3G	99.96	99.93								99.71		98.61			
			CDMA							99.44								

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Report for quarter ending: Dec 2016				Compliance Status														
Sl. No.	Parameters	Benchmarks	Generations	Aircel	Airtel	BSNL	Idea	MTNL	MTS	Quadrant	Rcom	RTL	TATA	Telenor	Vodafone			
8	Drop rate :	≤5%	HSD															
			All Generations											0.7				
			2G (GSM)	1.36	2.64		1.05											2.72
			3G	1.02										1.79				0.82
			CDMA							0.77								
			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.