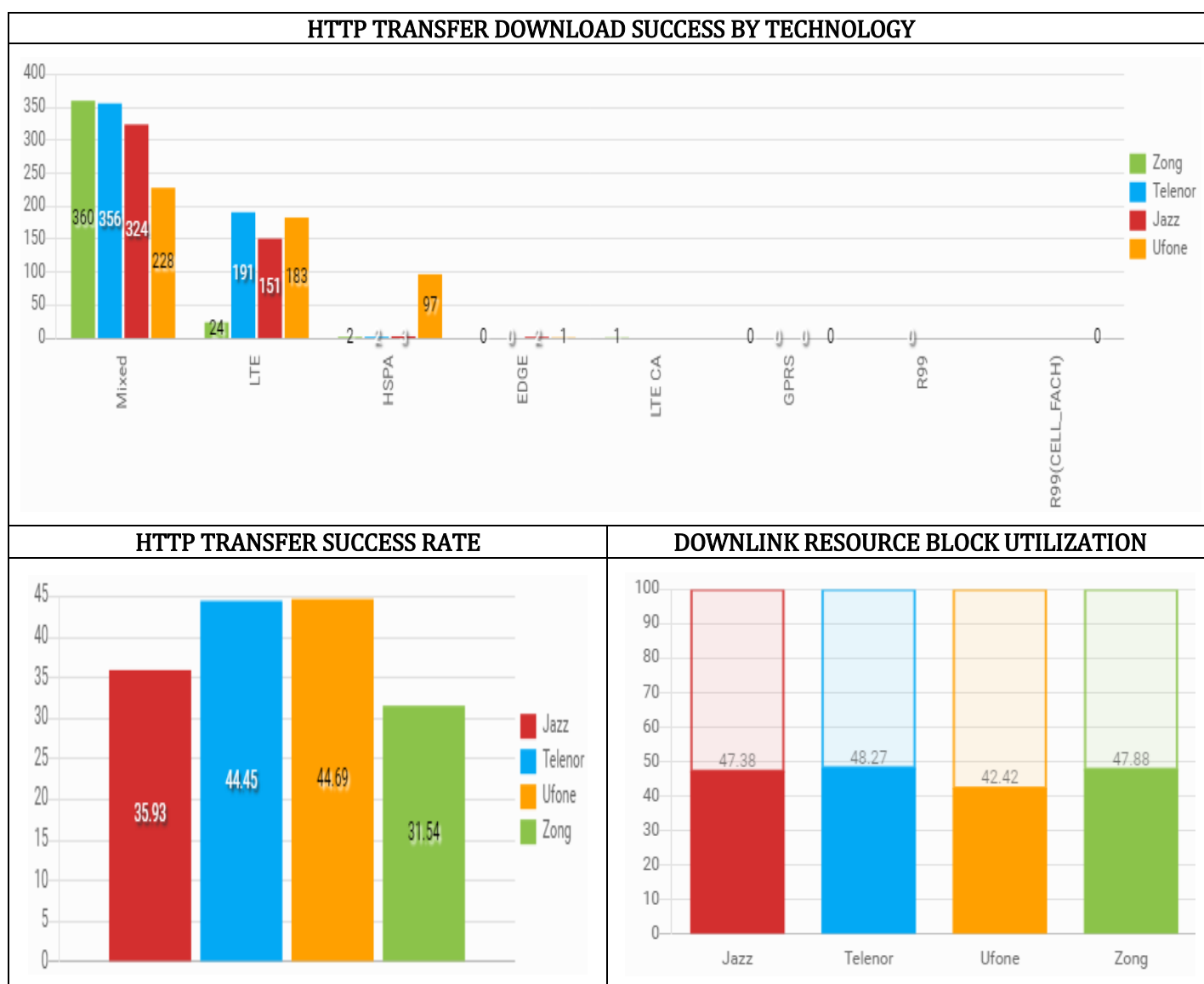


Road Name	Throughput (Mbps)				Operator Position			
	Jazz	Telenor	Ufone	ZonG	Jazz	Telenor	Ufone	ZonG
Multan to Khanewal	8.09	7.94	2.81	14.94	Second	Third	Fourth	First
Multan to Muzaffargarh	7.52	3.28	<b>1.44</b>	21.21	Second	Third	<b>Fourth</b>	First
Quetta to Mastung	6.95	2.16	3.44	9.55	Second	Fourth	Third	First
Quetta to Loralai	8.32	3.42	2.99	11.19	Second	Third	Fourth	First
Quetta to Dera Murad Jamali	16.53	3.23	3.85	13.55	First	Fourth	Third	Second
Peshawar to Mardan	8.48	3.14	3.35	14.54	Second	Fourth	Third	First
Lahore to Sargodha	9.09	<b>1.55</b>	2.20	8.75	First	<b>Fourth</b>	Third	Second
Lahore to Gujrat	7.05	2.87	12.15	11.57	Third	Fourth	First	Second
Abbottabad to Battagram	16.59	3.98	14.33	18.76	Second	Fourth	Second	First

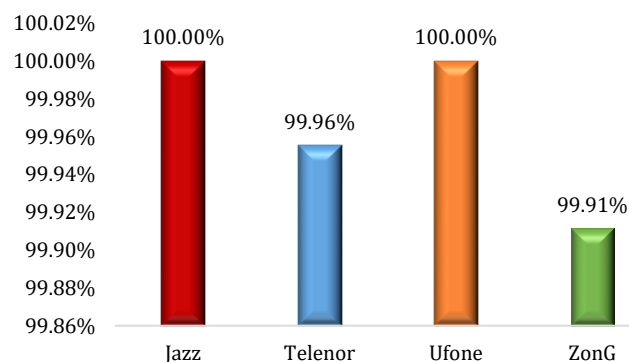
**Table4.2: 4G User Data Throughput  $\geq$  2 Mbps**

4.3. During the survey, the deployed technologies by Cellular Mobile Operators (CMOs), Success Rate of http Transfer Download Tests, Data Technologies during the Data Sessions alongwith Technology Bands and Resource Block Utilization have been recorded. The details can be seen in attached graphs.

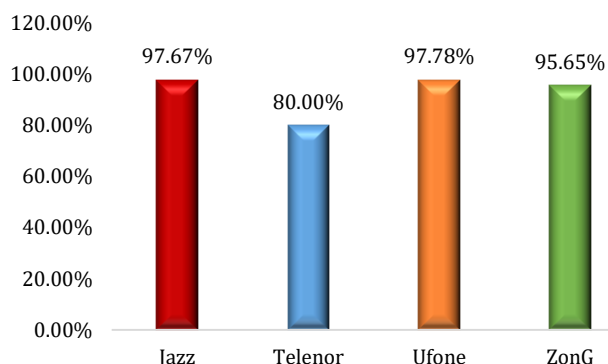


## QUALITY OF SERVICE SURVEY RESULTS – ABBOTTABAD TO BATTAGRAM

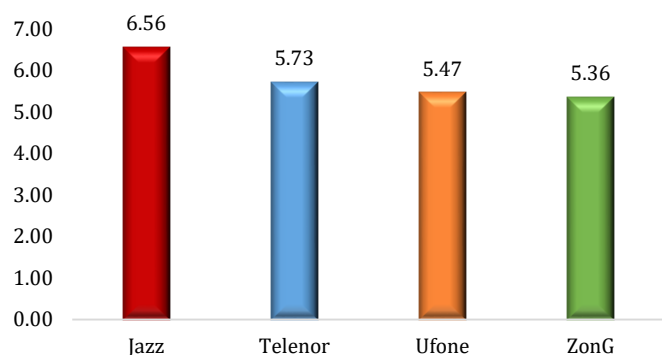
**Network Accessibility > 99%**



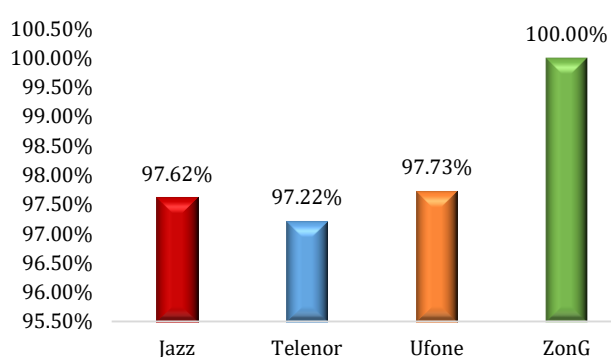
**Call Setup Success Rate > 98%**



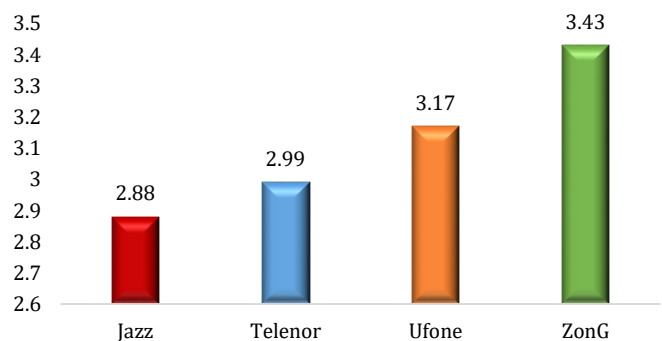
**Call Connection Time < 7.5 Seconds**



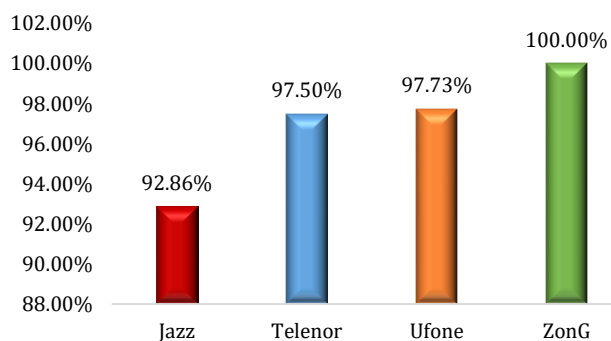
**Call Completion Ratio > 98%**



**Mean Opinion Score > 3**



**SMS Success Rate > 99%**



**SMS End-to-End Delivery Time < 12 Seconds**

