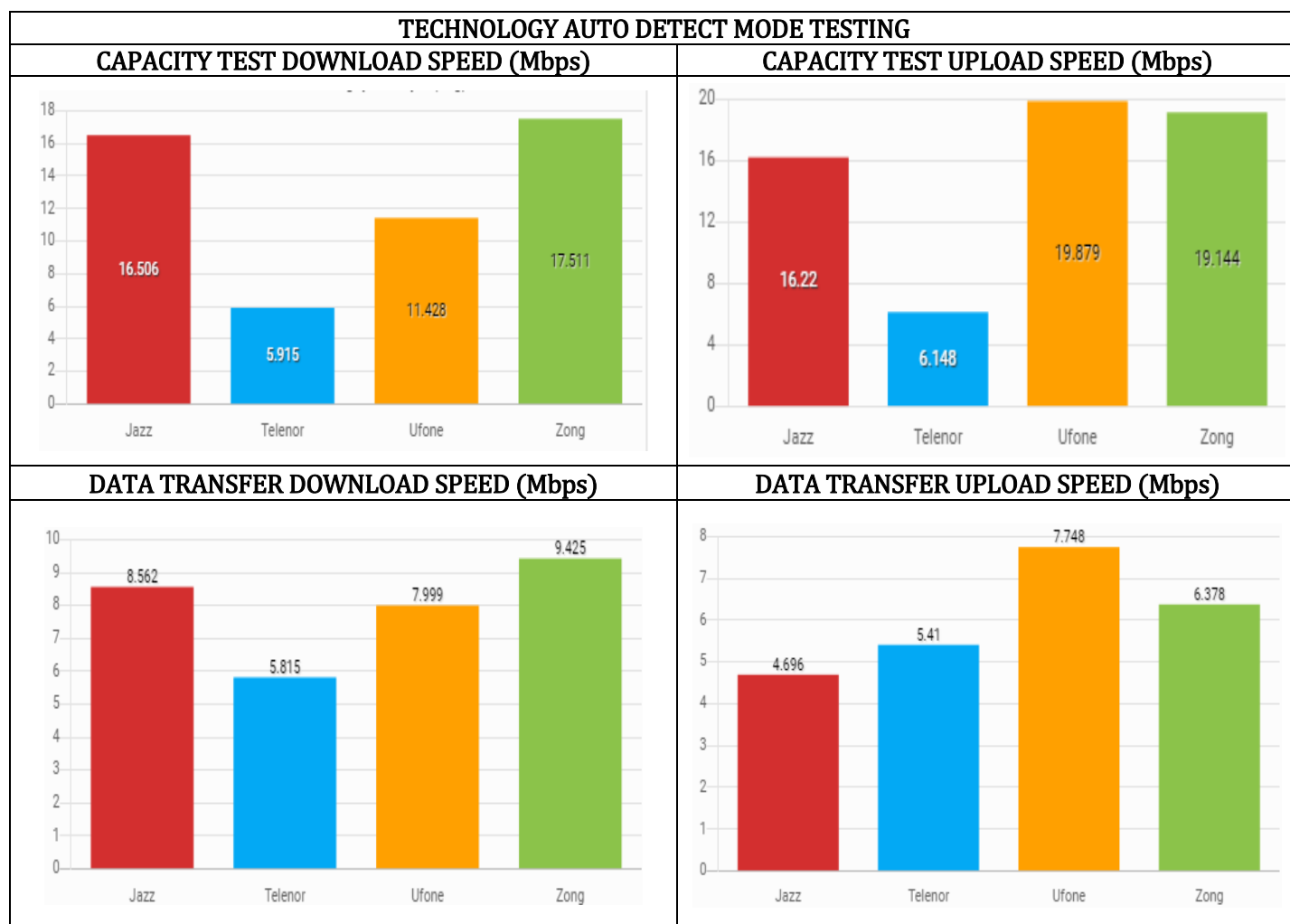


LATENCY IN 3G TECHNOLOGY LOCKED MODE								
<i>City</i>	Latency [milliseconds]				Compliant (Yes/No)			
	Jazz	Telenor	Ufone	ZonG	Jazz	Telenor	Ufone	ZonG
Batkhela	625	256	462	208	No	No	No	No
Mingora	560	267	457	221	No	No	No	No
Mardan	521	295	407	273	No	No	No	No
Faisalabad	280	598	452	149	No	No	No	Yes
Mastung	N/A	445	490	234	N/A	No	No	No
Gojra	257	564	451	155	No	No	No	No
Multan	214	219	199	221	No	No	No	No
Ziarat	N/A	752	511	92	N/A	No	No	Yes
Khuzdar	N/A	811	515	136	N/A	No	No	Yes
Usta Muhammad	197	534	491	112	No	No	No	Yes
Sibbi	142	680	472	98	Yes	No	No	Yes
Abbottabad	541	356	482	270	No	No	No	No
Haripur	545	348	511	236	No	No	No	No
Khanewal	260	940	530	133	No	No	No	Yes

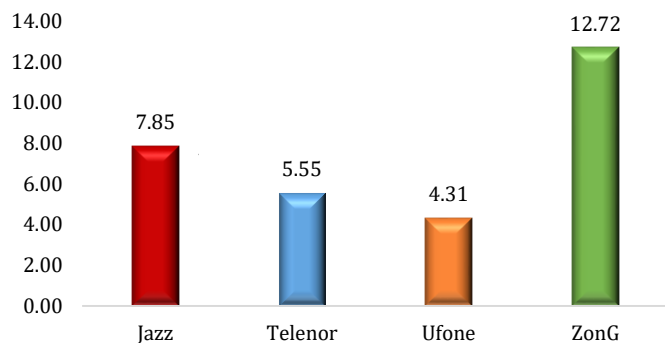
Table 4.13: Latency in 3G Technology Locked Mode < 150 milliseconds

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

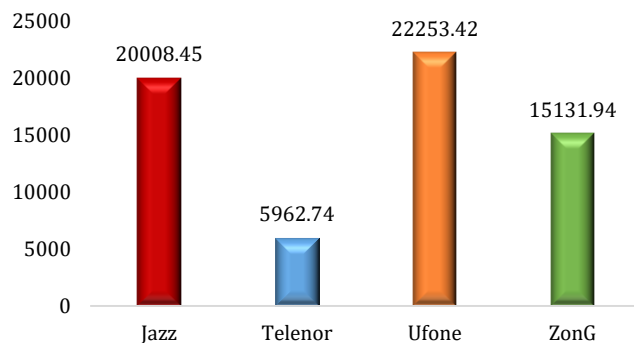


QUALITY OF SERVICE SURVEY RESULTS (AUTOMODE) – USTA MUHAMMAD

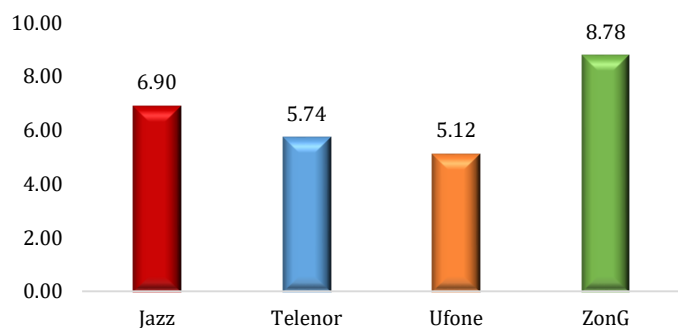
**User Data Throughput Download - Fixed Duration
> 2 Mbps**



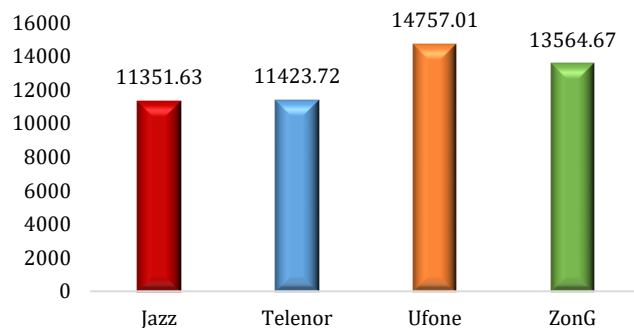
**User Data Throughput Upload - Fixed Duration
> 512 Kbps**



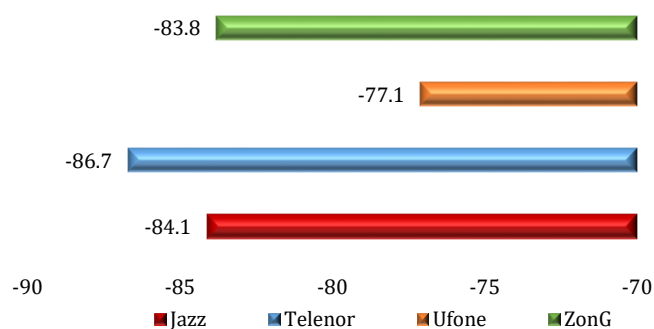
**User Data Throughput Download - Fixed Size
> 2 Mbps**



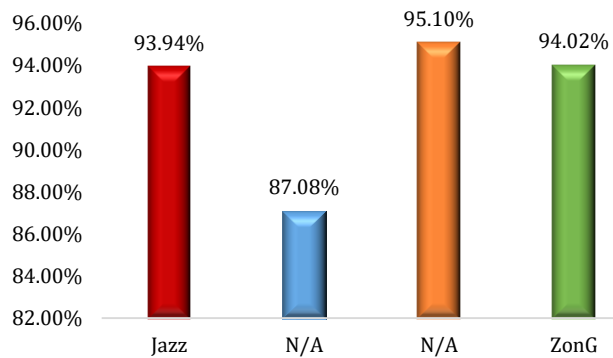
**User Data Throughput Upload - Fixed Size
> 512 Kbps**



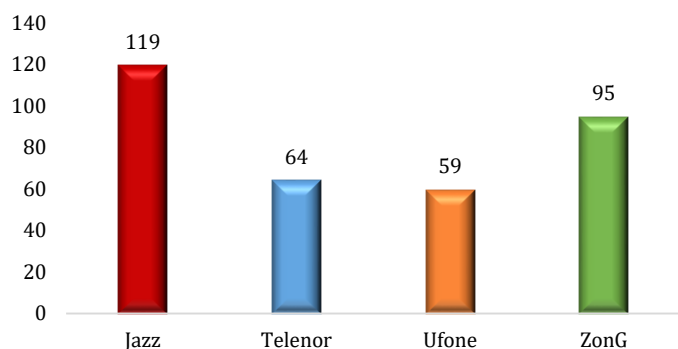
Signal Strength (RSRP) > -100dBm



Signal Strength (RSRP) Confidence Level > 90%



Latency < 75 ms



Webpage Loading Time < 5 Seconds

