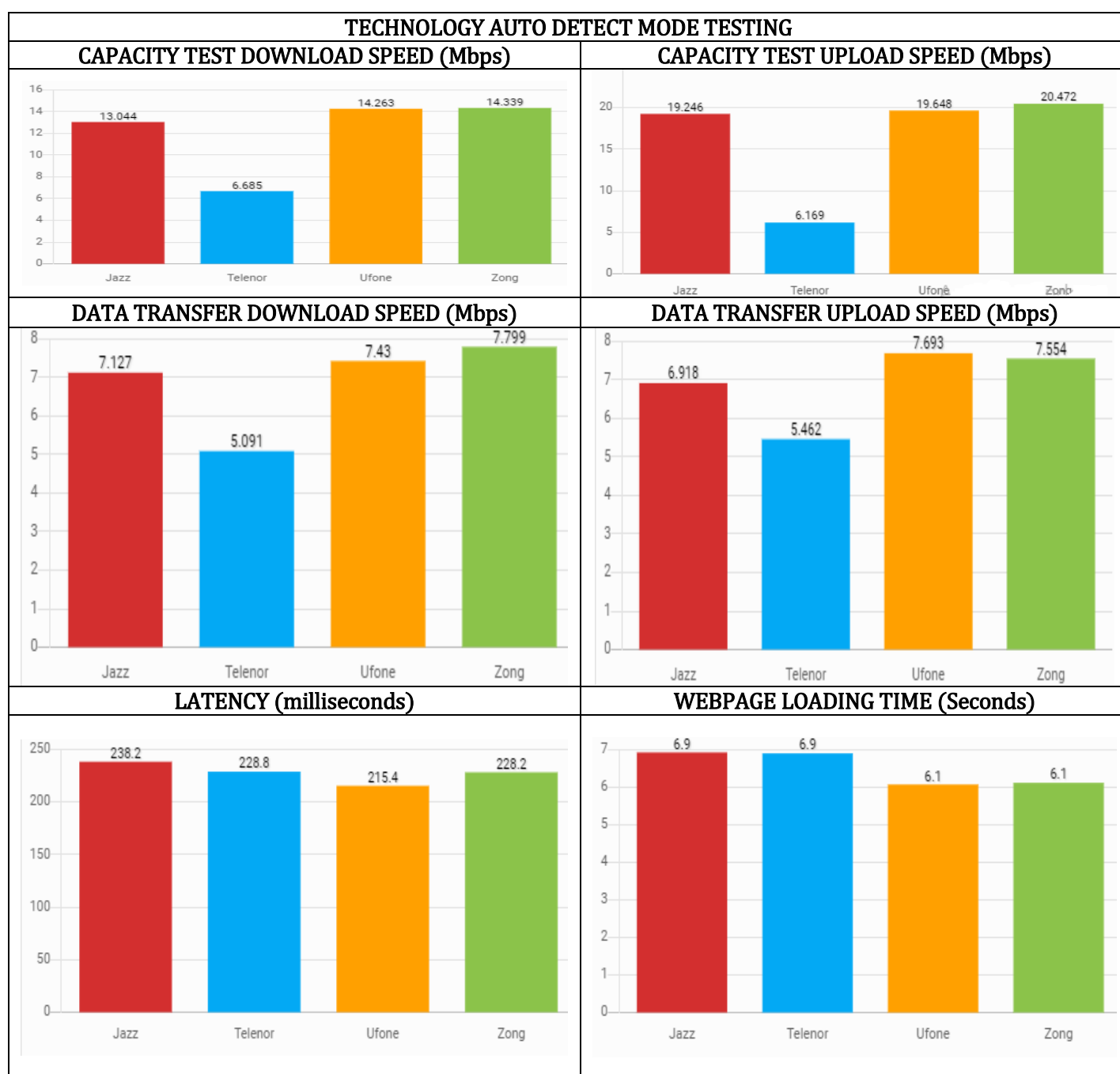


<b>LATENCY IN 3G TECHNOLOGY LOCKED MODE</b>								
<b>City</b>	<b>Latency [milliseconds]</b>				<b>Compliant (Yes/No)</b>			
	<b>Jazz</b>	<b>Telenor</b>	<b>Ufone</b>	<b>ZonG</b>	<b>Jazz</b>	<b>Telenor</b>	<b>Ufone</b>	<b>ZonG</b>
<i>Attock</i>	521	504	523	270	No	No	No	No
<i>Hafizabad</i>	537	338	525	172	No	No	No	No
<i>Rawalpindi</i>	504	340	466	206	No	No	No	No
<i>Hyderabad</i>	463	N/A	231	N/A	No	No	No	No
<i>Karachi East</i>	N/A	N/A	N/A	N/A	No	No	No	No
<i>Pakpattan</i>	560	694	388	110	No	No	No	Yes
<i>Khanpur</i>	248	783	505	159	No	No	No	No
<i>Lodhran</i>	243	1021	480	114	No	No	No	Yes
<i>Wazirabad</i>	557	457	499	127	No	No	No	Yes

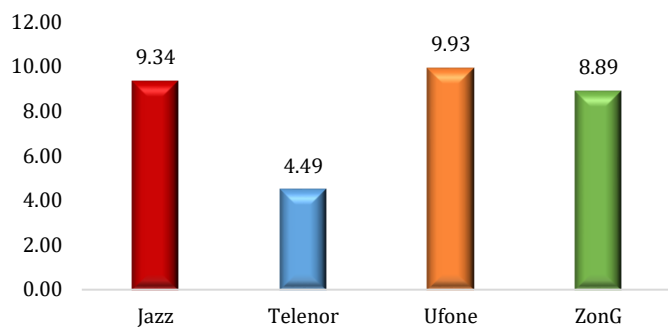
**Table 4.13: Latency in 3G Technology Locked Mode < 150 milliseconds**

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.

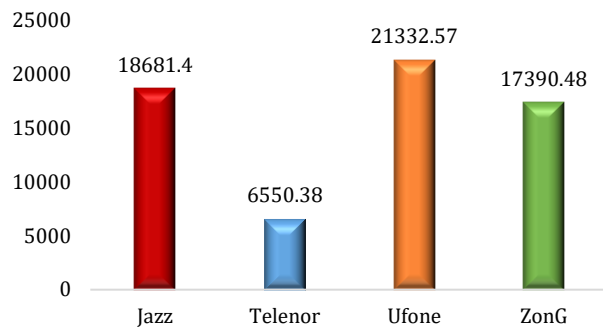


## QUALITY OF SERVICE SURVEY RESULTS (AUTOMODE) – ATTOCK

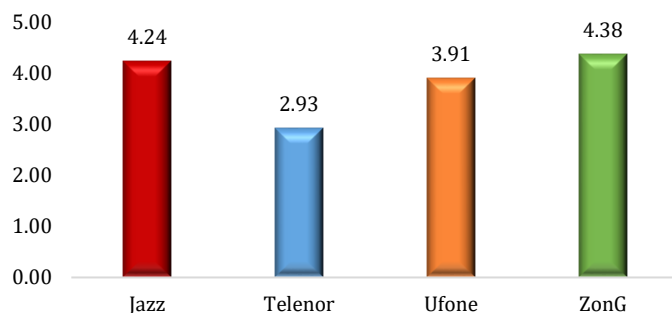
**User Data Throughput Download - Fixed Duration  
> 2 Mbps**



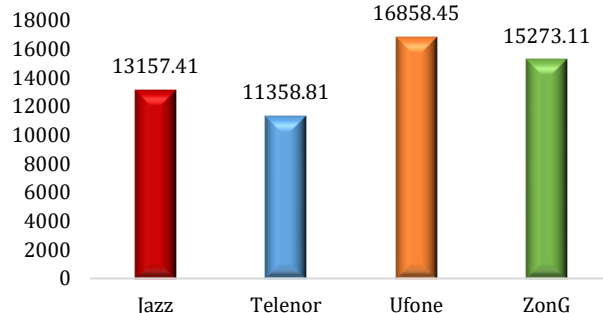
**User Data Throughput Upload - Fixed Duration  
> 512 Kbps**



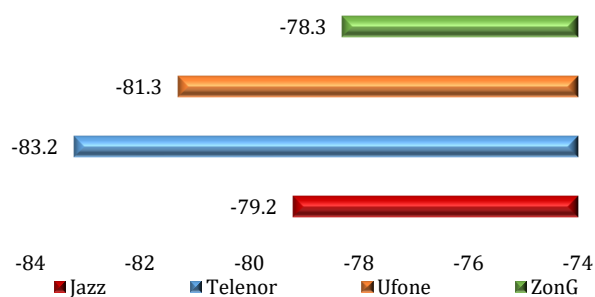
**User Data Throughput Download - Fixed Size  
> 2 Mbps**



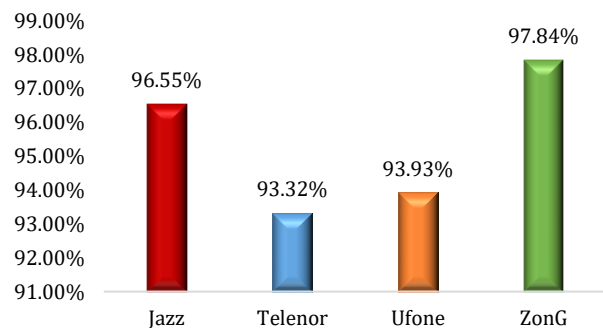
**User Data Throughput Upload - Fixed Size  
> 512 Kbps**



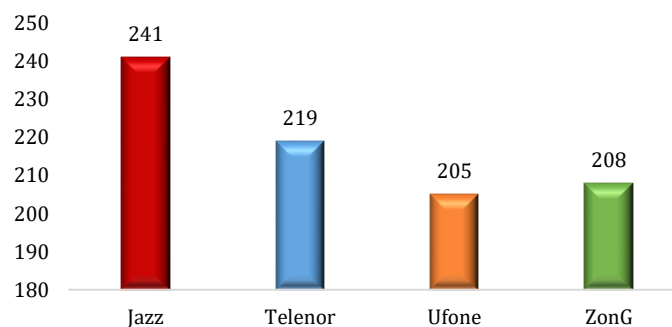
**Signal Strength (RSRP) > -100dBm**



**Signal Strength (RSRP) Confidence Level > 90%**



**Latency < 75 ms**



**Webpage Loading Time < 5 Seconds**

