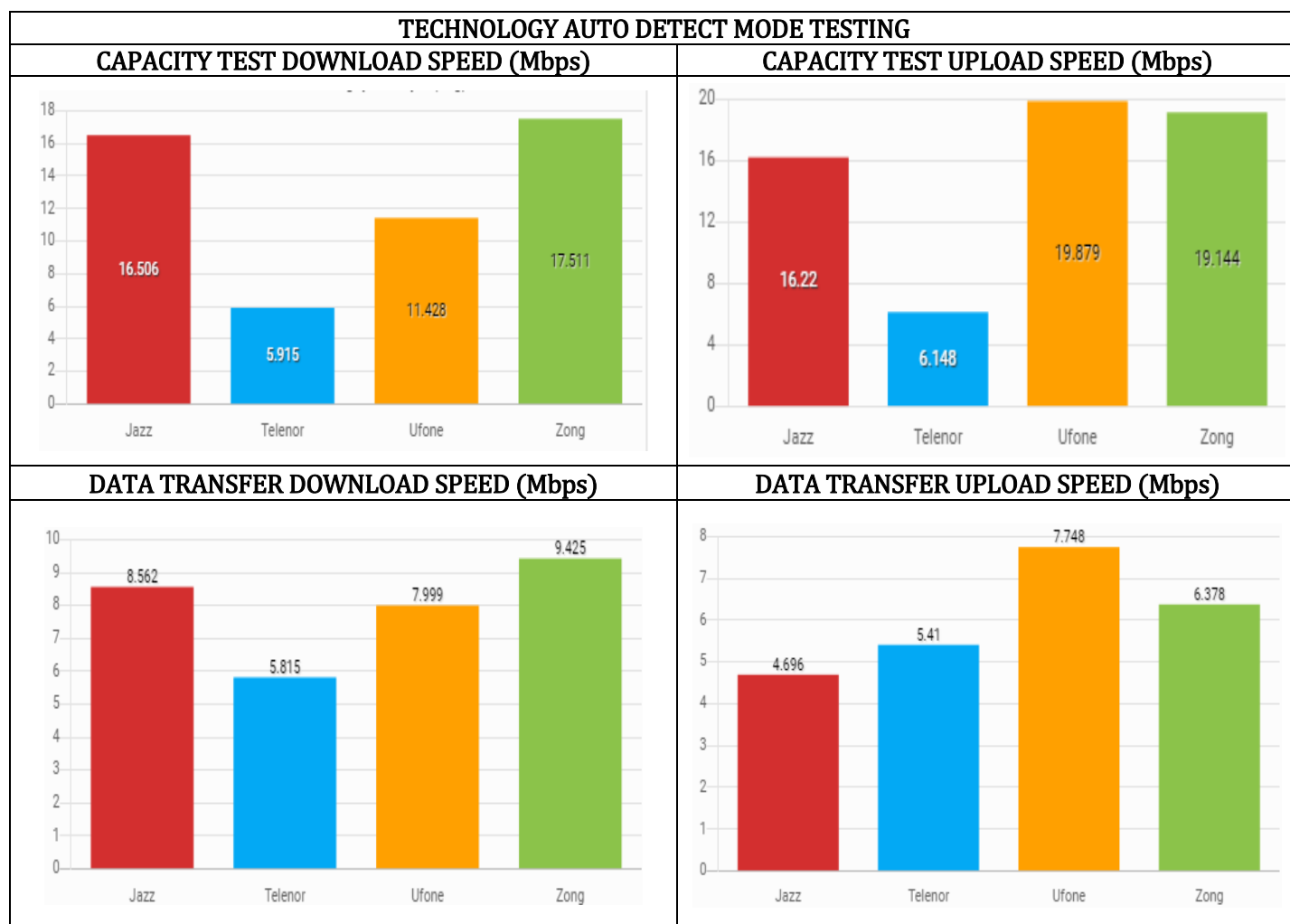


| LATENCY IN 3G TECHNOLOGY LOCKED MODE | | | | | | | | |
|---|-------------------------------|----------------|--------------|-------------|---------------------------|----------------|--------------|-------------|
| City | Latency [milliseconds] | | | | Compliant (Yes/No) | | | |
| | Jazz | Telenor | 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 |

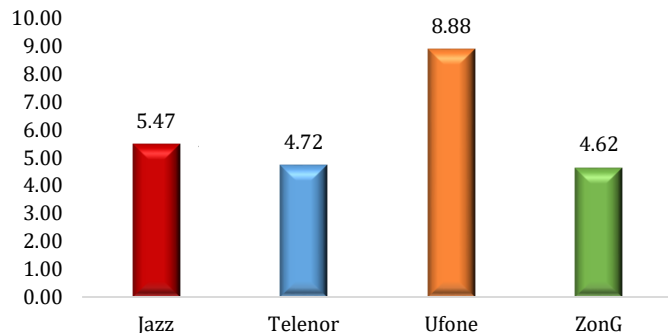
Table 4.13: Latency in 3G Technology Locked Mode < 150 milliseconds

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.

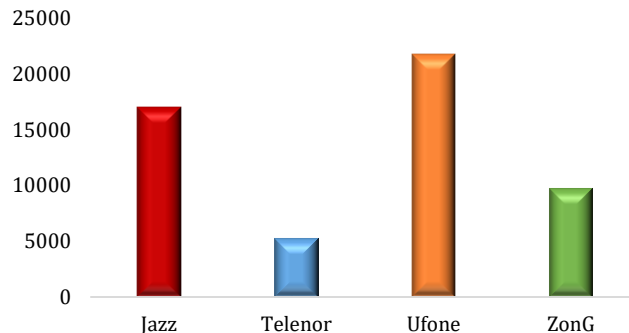


QUALITY OF SERVICE SURVEY RESULTS (AUTOMODE) – KHANEWAL

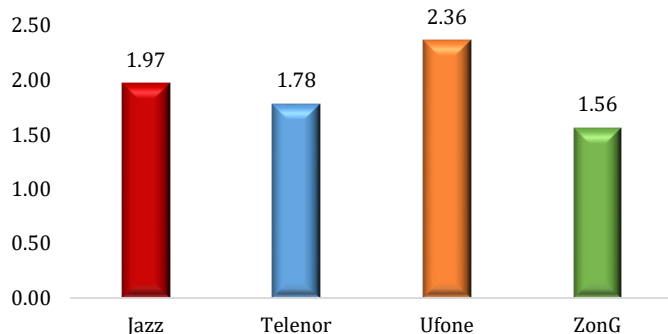
**User Data Throughput Download - Fixed Duration
> 2 Mbps**



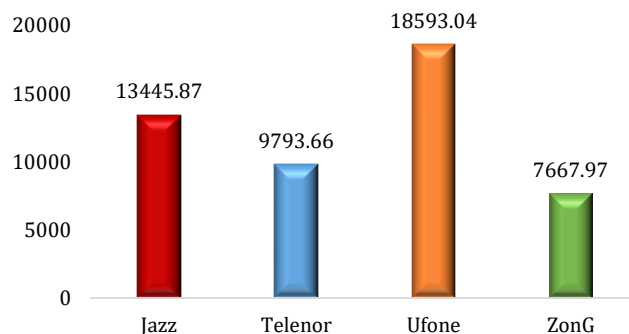
**User Data Throughput Upload - Fixed Duration
> 512 Kbps**



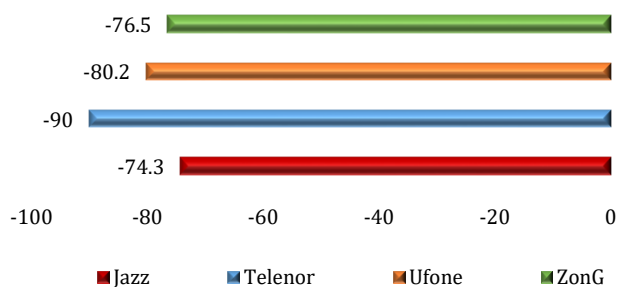
**User Data Throughput Download - Fixed Size
> 2 Mbps**



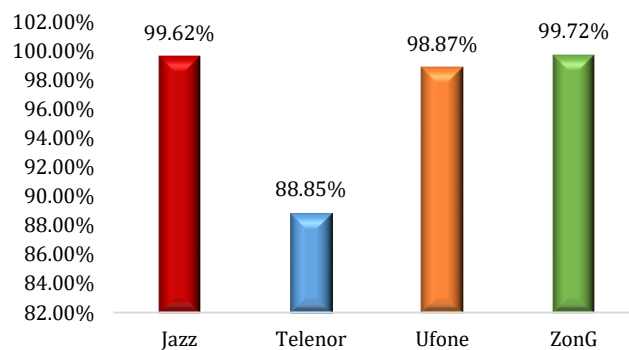
**User Data Throughput Upload - Fixed Size
> 512 Kbps**



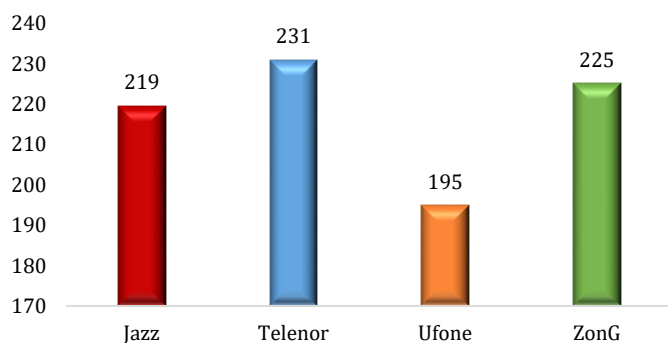
Signal Strength (RSRP) > -100dBm



Signal Strength (RSRP) Confidence Level > 90%



Latency <75 ms



Webpage Loading Time < 5 Seconds

