

| | | | | | | | | |
|------------|-------|-------|-------|-------|-----|-----|-----|-----|
| QUETTA | 30.12 | 46.1 | 47.17 | 27.12 | Yes | Yes | Yes | Yes |
| RAWALPINDI | 21 | 42.5 | 23.7 | 16.5 | Yes | Yes | Yes | Yes |
| CHUNIAN | 38.56 | 46.26 | 36.96 | 16.78 | Yes | Yes | Yes | Yes |
| SHARAQPUR | 29.19 | 22.51 | 35.58 | 15.68 | Yes | Yes | Yes | Yes |
| KOTRI | 24.99 | 26.83 | 38.25 | 23.3 | Yes | Yes | Yes | Yes |

Table 7.3: Ookla Latency

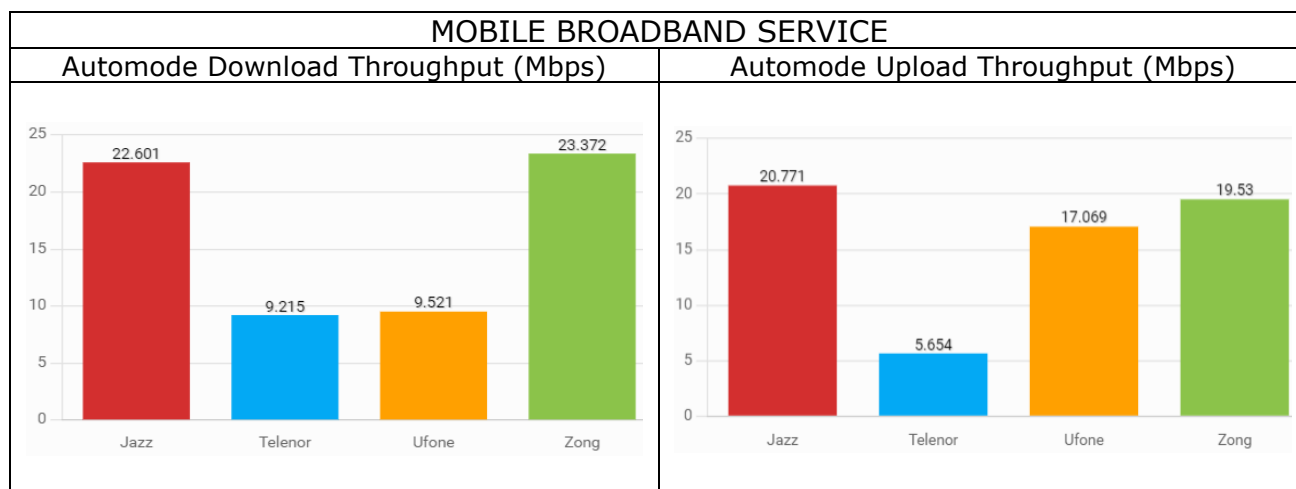
8. MOBILE BROADBAND SERVICE – WEB PAGE LOADING

Web Page Loading Time of different national and international websites were tested. Results of testing are shown in Table 8.1: Web Page Loading Time.

| WEBPAGE LOADING TIME IN IN TECHNOLOGY AUTO DETECT MODE | | | | | | | | |
|--|--------------------------------|-------------|------------|------------|--------------------|-----------|-----------|-----------|
| City | Webpage Loading Time [seconds] | | | | Compliant (Yes/No) | | | |
| | Jazz | Telenor | Ufone | ZonG | Jazz | Telenor | Ufone | ZonG |
| BAHWALNAGAR | 0.12 | 0.88 | 0.89 | 0.14 | Yes | Yes | Yes | Yes |
| D.I KHAN | 2.20 | 6.60 | 2.80 | 1.9 | Yes | No | Yes | Yes |
| LAHORE | 3.26 | 1.68 | 1.62 | 1.24 | Yes | Yes | Yes | Yes |
| MARDAN | 2.9 | 5.2 | 2.6 | 1.9 | Yes | No | Yes | Yes |
| SAMUNDARI | 0.68 | 0.31 | 0.34 | 0.14 | Yes | Yes | Yes | Yes |
| SHIKARPUR | 3.9 | 2.70 | 2.90 | 1.9 | Yes | Yes | Yes | Yes |
| HYDERABAD | 4.9 | 6.7 | 6.5 | 4.9 | Yes | No | No | Yes |
| JHELM | 1.9 | 2.5 | 2.3 | 2.1 | Yes | Yes | Yes | Yes |
| KARACHI MALIR | 4.4 | 7.2 | 6.2 | 4.7 | Yes | No | No | Yes |
| NAWABSHAH | 4.6 | 2.5 | 3.1 | 1.7 | Yes | Yes | Yes | Yes |
| NUSHKI | N/A | 6.6 | 7.6 | 5.3 | N/A | No | No | No |
| QUETTA | 5 | 7.5 | 6.5 | 5.4 | No | No | No | No |
| RAWALPINDI | 2.3 | 2.7 | 2.3 | 2.1 | Yes | Yes | Yes | Yes |
| CHUNIAN | 6.6 | 7.1 | 7.1 | 6.5 | No | No | No | No |
| SHARAQPUR | 5.3 | 6.4 | 6.9 | 5.9 | No | No | No | No |
| KOTRI | 4.5 | 6.9 | 6.6 | 5.1 | Yes | No | No | No |

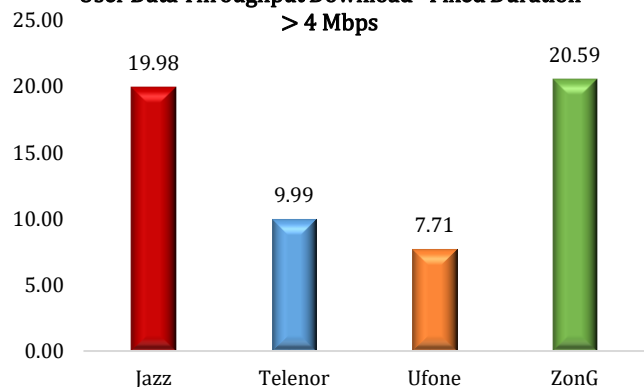
Table 8.1: Web Page Loading Time

Overall survey results of Mobile Broadband Services for each Mobile Operator are shown in the below graphs.

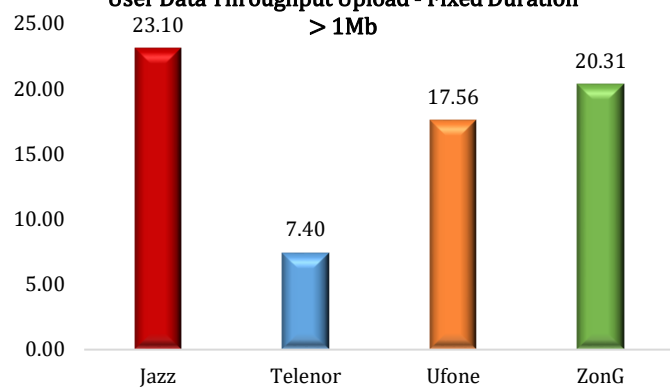


QUALITY OF SERVICE SURVEY RESULTS (AUTOMODE) – SAMUNDARI

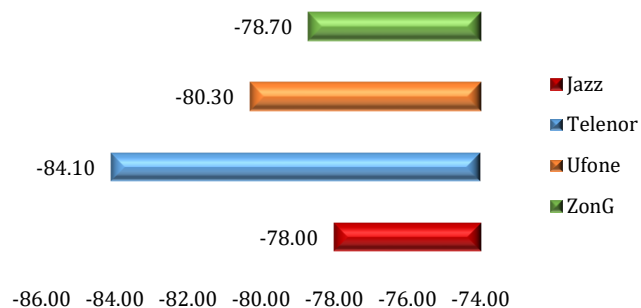
**User Data Throughput Download - Fixed Duration
> 4 Mbps**



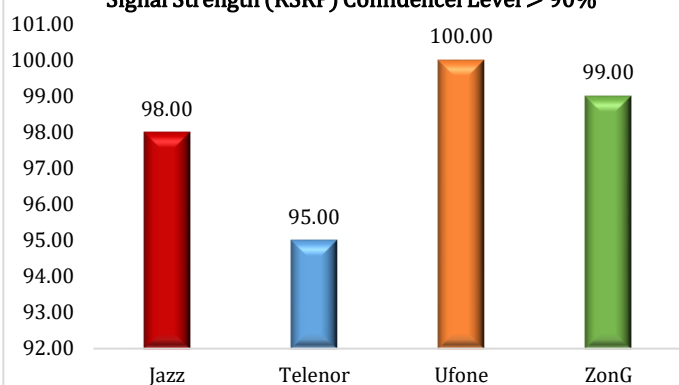
**User Data Throughput Upload - Fixed Duration
> 1Mb**



Signal Strength (RSRP) > -100dBm



Signal Strength (RSRP) Confidencel Level > 90%



Webpage Loading Time < 5 Seconds

