

City	4G User Data Throughput Download (Mbps) Fixed Duration					Operator Position				
	Jazz	Telenor	Ufone	ZonG	SCOM	Jazz	Telenor	Ufone	ZonG	SCOM
MUZAFARABAD	5.7	4.5	5.4	10.9	8.2	Third	Fifth	Fourth	First	Second
MIRPUR	8.3	7.9	8.1	17.7	7.6	Second	Fourth	Third	First	Fifth
KOTLI	5.3	7.5	5.6	12.8	2.5	Fourth	Second	Third	First	Fifth

Table 4.4: 4G User Data Download Throughput in AJK (Fixed Duration) ≥ 3 Mbps

City	4G User Data Throughput Upload (Mbps) Fixed Size					Operator Position				
	Jazz	Telenor	Ufone	ZonG	SCOM	Jazz	Telenor	Ufone	ZonG	SCOM
MUZAFARABAD	5398	4214	6076	6843	5960	Fourth	Fifth	Second	First	Third
MIRPUR	5473	5586	7875	7264	5710	Fifth	Fourth	First	Second	Third
KOTLI	3151	5360	4675	7512	4817	Fifth	Second	Fourth	First	Third

Table 4.5: 4G User Data Upload Throughput in AJK (Fixed Size) ≥ 768 Kbps

City	4G User Data Throughput Upload (Mbps) Fixed Duration					Operator Position				
	Jazz	Telenor	Ufone	ZonG	SCOM	Jazz	Telenor	Ufone	ZonG	SCOM
MUZAFARABAD	7495	5645	9841	22988	13267	Fourth	Fifth	Third	First	Second
MIRPUR	7726	10682	14298	22783	12918	Fifth	Fourth	Second	First	Third
KOTLI	6081	8946	9385	15846	8984	Fifth	Fourth	Second	First	Third

Table 4.6: 4G User Data Upload Throughput in AJK (Fixed Duration) ≥ 768 Kbps

4.3. **3G USER DATA THROUGHPUT.** As per Next Generation Mobile Service (NGMS) licenses and Cellular Mobile Network Quality of Service (QoS) Regulations 2021, licensees are required to meet the threshold of minimum of 512 Kbps (Download) of 3G User Data Throughput. Similarly, the threshold of minimum of 128 Kbps (Upload) of 3G User Data Throughput is also required to be met in AJK. SCOM is the only 3G Data services provider in AJK, therefore the results of QoS KPIs i.e. User Data Throughputs are shown in (i) Table 4.7: 3G User Data Download Throughput in AJK (Fixed Size and Fixed Duration) > 512 Kbps, and (ii) Table 4.8: 3G User Data Upload Throughput in AJK (Fixed Size and Fixed Duration) > 128 Kbps.

City	3G User Data Throughput Download (Kbps) Fixed Size	3G User Data Throughput Download (Kbps) Fixed Duration	Operator Position
	SCOM	SCOM	SCOM
MUZAFARABAD	5149	5798	First
MIRPUR	5964	6751	
KOTLI	4101	3452	

Table 4.7: 3G User Data Download Throughput in AJK (Fixed Size and Fixed Duration) ≥ 512 Kbps

City	3G User Data Throughput Upload (Kbps) Fixed Size	3G User Data Throughput Upload (Kbps) Fixed Duration	Operator Position
	SCOM	SCOM	SCOM
MUZAFARABAD	1666	1483	First
MIRPUR	1757	1470	
KOTLI	1542	1328	

Table 4.8: 3G User Data Upload Throughput in AJK (Fixed Size and Fixed Duration) ≥ 128 Kbps

4.4 **WEBPAGE LOADING TIME.** As per Cellular Mobile Network Quality of Service (QoS) Regulations 2021, licensees are required to meet Webpage Loading Time threshold of 5 Seconds. The results of Webpage Loading Time are shown in (i) Table 4.9: Webpage Loading Time < 5 Seconds (Automode) and (ii) Table 4.10: Webpage Loading Time < 5 Seconds (3G Locked Mode).

WEBPAGE LOADING TIME IN IN TECHNOLOGY AUTO DETECT MODE										
City	Webpage Loading Time [seconds]					Compliant (Yes/No)				
	Jazz	Telenor	Ufone	ZonG	SCOM	Jazz	Telenor	Ufone	ZonG	SCOM
MUZAFARABAD	1.6	2.2	1.5	1.6	1.6	Yes	Yes	Yes	Yes	Yes
MIRPUR	1.58	1.48	1.38	1.52	1.70	Yes	Yes	Yes	Yes	Yes
KOTLI	1.66	1.75	1.70	1.26	1.87	Yes	Yes	Yes	Yes	Yes

Table 4.9: Webpage Loading Time < 5 Seconds (Automode)

WEBPAGE LOADING TIME IN 3G LOCKED MODE										
City	Webpage Loading Time [seconds]					Compliant (Yes/No)				
	SCOM					SCOM				
MUZAFARABAD	1.65					Yes				
MIRPUR	1.58					Yes				
KOTLI	1.72					Yes				

Table 4.10: Webpage Loading Time < 5 Seconds (3G Locked Mode)

4.4. Overall results of HTTP Browsing, Download & Upload Throughputs in Capacity Tests, Data Transfer Tests, and Latency can be seen in attached graphs

