City	WEBPAGE LOADING TIME IN IN TECHNOLOGY AUTO DETECT MODE									
	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)

City	WEBPAGE LOADING TIME IN 3G LOCKED MODE	
	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

AUTO MODE DATA TESTING
HTTP TRANSFER DOWNLOAD SUCCESS BY TECHNOLOGY

HTTP BROWSING SUCCESS RATIO	DOWNLINK RESOURCE BLOCK UTILIZATION

CAPACITY TEST DOWNLOAD SPEED (Mbps)	CAPACITY TEST UPLOAD SPEED (Mbps)

LATENCY (milliseconds)	WEBPAGE LOADING TIME (Seconds)

WEBPAGE LOADING TIME (Seconds)
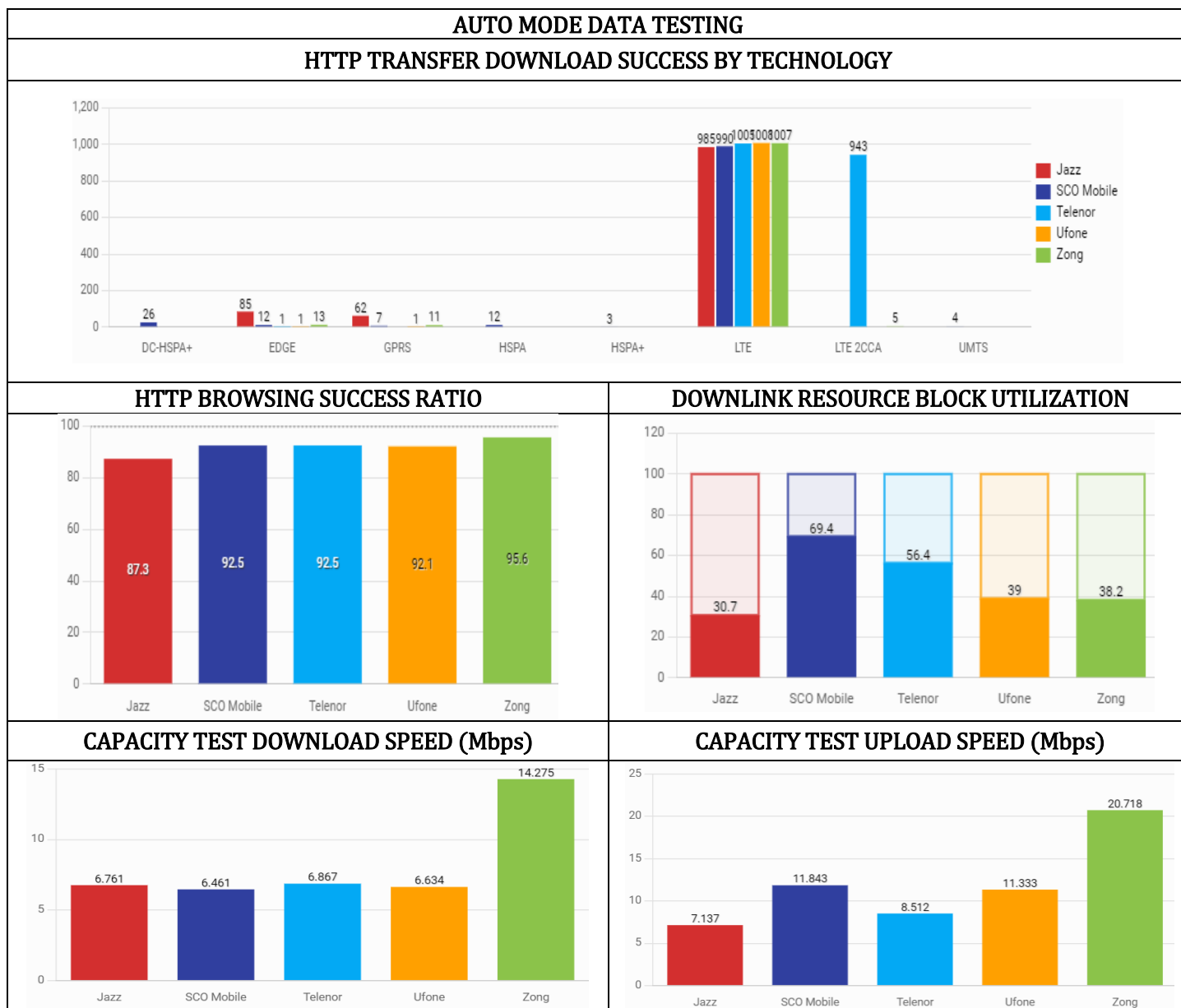
LATENCY.   As per Cellular Mobile Network Quality of Service (QoS) Regulations 2021, licensees are required to meet threshold of 75 milliseconds of 4G/LTE Technology & 150 milliseconds of 3G Technology of Latency. The results of QoS KPI Latency are shown in. **Table 4.11: Latency in Technology Auto Detect Mode < 75 milliseconds and** (ii) **Table 4.12: Latency in 3G Locked Mode < 150 milliseconds.**

LATENCY IN TECHNOLOGY AUTO DETECT MODE										
City	Latency [milliseconds]					Compliant (Yes/No)				
	Jazz	Telenor	Ufone	ZonG	SCOM	Jazz	Telenor	Ufone	ZonG	SCOM
MUZAFARABAD	105	91	73	97	68	No	No	Yes	No	Yes
MIRPUR	108	72	50	103	81	No	Yes	Yes	No	No
KOTLI	90	78	108	164	74	No	No	No	No	Yes

Table 4.11: Latency in Technology Auto Detect Mode < 75 milliseconds

LATENCY IN 3G LOCKED MODE		
City	Latency [milliseconds]	Compliant (Yes/No)
	SCOM	SCOM
MUZAFARABAD	83	Yes
MIRPUR	98	Yes
KOTLI	103	Yes

Table 4.12: Latency in Technology Auto Detect Mode < 150 millisecond

OOKLA SPEED TEST. In addition, Ookla Speed Test was also carried out to measure Download and Upload User Data Throughput and Round-Trip Time/Latency. The Number of Tests, Upload and Download User Data Throughput and Latency detail is mentioned in **Table 4.13: Ookla Tests Statistics.** City wise results of Ookla Download Throughput, Upload Throughput and Latency are shown in (i).