

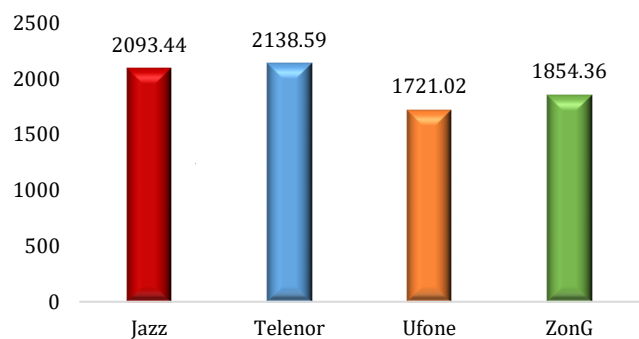
VOICE CALLS – COMPLIANCE (YES/NO)								
Operator	*Voice KPIs	Quetta to Zhob	Zhob to Quetta	Lahore to Sargodha	Lahore to Rawalpindi	Lahore to Multan	Islamabad to Kohat	Mianwali to Bakhar
Jazz	NA	No	No	Yes	Yes	Yes	Yes	No
	SA	No	No	No	No	Yes	No	No
	CCT	No	No	Yes	Yes	Yes	Yes	No
	CCR	No	No	Yes	Yes	Yes	No	No
	MOS	No	No	Yes	Yes	Yes	Yes	Yes
	ISHO	N/a	N/a	Yes	Yes	Yes	Yes	Yes
	RSSR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Telenor	NA	No	Yes	No	Yes	Yes	Yes	Yes
	SA	No	No	No	No	No	No	No
	CCT	Yes	Yes	Yes	No	Yes	Yes	Yes
	CCR	No	No	No	No	No	No	No
	MOS	Yes	Yes	Yes	No	Yes	Yes	No
	ISHO	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	RSSR	Yes	N/a	Yes	Yes	N/a	N/a	N/a
Ufone	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SA	Yes	No	Yes	Yes	Yes	No	No
	CCT	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	CCR	No	No	No	Yes	Yes	No	No
	MOS	Yes	Yes	Yes	Yes	Yes	No	No
	ISHO	No	Yes	Yes	Yes	No	Yes	Yes
	RSSR	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ZonG	NA	No	No	Yes	Yes	Yes	Yes	Yes
	SA	No	No	No	Yes	No	No	No
	CCT	No	No	Yes	Yes	Yes	Yes	Yes
	CCR	No	No	Yes	No	Yes	No	Yes
	MOS	No	No	Yes	Yes	Yes	Yes	Yes
	RSSR	Yes	Yes	Yes	Yes	Yes	Yes	Yes

* Note Voice QoS KPIs: Network Accessibility (NA) > 99%, Service Accessibility (SA)> 98%, Call Connection Time (CCT) ≤ 7.5 Seconds, Call Completion Ratio (CCR) ≥ 98%, Mean Opinion Score (MOS) > 3, Inter System Hand Over (ISHO) > 98% & RAB Setup Success Rate (RSSR) > 98%

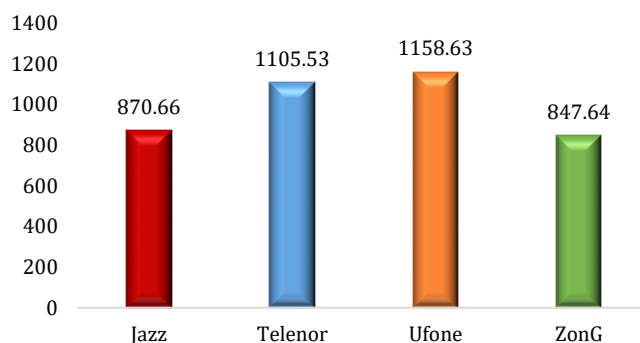
Table 5.1: Voice QoS KPIs Compliance Level

QUALITY OF SERVICE SURVEY RESULTS (3G) – MIANWALI TO BHAKKAR (N-130)

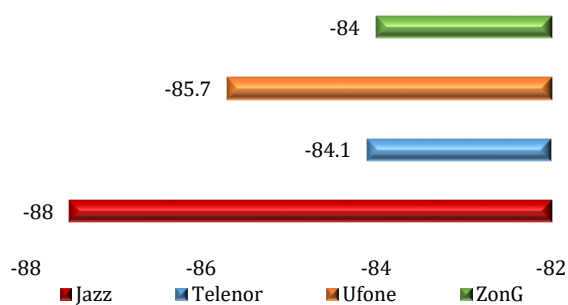
User Data Throughput Download (3G) > 512 Kbps



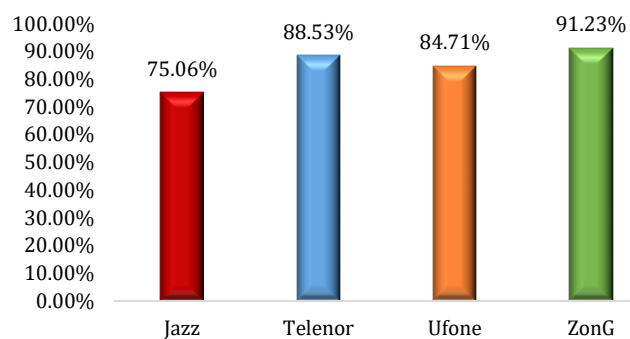
User Data Throughput Upload (3G) > 128 Kbps



Signal Strength (RSCP) > -100dBm



Signal Strength (RSCP) Confidence Level > 90%



Latency (3G) < 150 ms

