

MOBILE BROADBAND SERVICE

4.1. **4G & 3G USER DATA THROUGHPUT.** As per Next Generation Mobile Service (NGMS) licenses awarded, licensees are required to meet the threshold of **minimum of 2Mbps of 4G User Data Throughput**, & **minimum of 256Kbps of 3G User Data Throughput**. The results of Data Service QoS KPI i.e. User Data Throughput of SCOM is shown in **Table4.1: 4G & 3G User Data Throughput**

CITIES	SCOM USER DATA THROUGHPUT	
	3G ($\geq 256\text{Kbps}$)	4G ($\geq 2\text{Mbps}$)
Gahkuch	297.32	0.41
Gilgit	1400.79	1.73
Hunza	1710.02	1.04
Jaglot	679.89	0.54
Astore	1633.74	1.02
Khaplu	3332.96	4.25
Shigar	39991.61	2.84
Skardu	619.98	0.39

Table4.1: 4G & 3G User Data Throughput

VOICE SERVICE

5.1. 7 x QoS KPIs have been measured while testing voice services in 8 x cities of Gilgit Baltistan. The compliance level of threshold values of voice QoS KPIs in each city is shown in **Table 5.1: Voice QoS KPIs Compliance Level**.

VOICE SERVICE GILGIT BALTISTAN – COMPLIANCE (YES/NO)									
Operator	* Voice QoS KPIs	Gahkuch	Gilgit	Hunza	Jaglot	Astore	Khaplu	Shigar	Skardu
Jazz	NA	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
	SA	Yes	Yes	Yes	Yes	Yes	No	No	No
	CCT	No	Yes	No	Yes	Yes	Yes	No	Yes
	CCR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	MOS	No	No	No	No	No	Yes	No	No
Telenor	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SA	No	Yes	Yes	Yes	No	No	Yes	No
	CCT	No	No	No	No	No	No	No	No
	CCR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	MOS	No	No	No	No	No	No	No	No
Ufone	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SA	Yes	Yes	Yes	Yes	Yes	No	Yes	No
	CCT	No	No	No	No	No	No	No	No
	CCR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	MOS	Yes	No	Yes	Yes	No	Yes	Yes	No
ZonG	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SA	Yes	No	No	No	Yes	No	No	No
	CCT	No	No	No	No	No	No	No	No
	CCR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	MOS	No	No	No	No	No	No	No	No
SCOM	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SA	Yes	Yes	No	Yes	Yes	No	Yes	No
	CCT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	CCR	Yes	No	Yes	No	Yes	Yes	Yes	No
	MOS	No	No	No	No	No	Yes	Yes	No
	RSSR	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
	NA	Yes	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