

The Confidence Level and Compliance of signal strength is shown in **Table 5.1: Data Services Signal Strength -100dBm with 90% Confidence Level in Gilgit Baltistan.**

City	Average RSRP (4G)		Compliant (Yes/No)	Average RSCP (3G)		Compliant (Yes/No)
	Signal Strength	90% Confidence Level		Signal Strength	90% Confidence Level	
Gilgit	-79	99%	Yes	-64.39	99.90%	Yes
Jaglot	-82	93.10%	Yes	-69.6	99.90%	Yes
Hunza	-89.1	89.10%	No	-78.18	98.90%	Yes
Ghakuch	-86	94%	Yes	-79.1	100%	Yes
Astore	-83.13	92.66%	Yes	-64.9	100%	Yes
Skardu	-89.46	91.20%	Yes	-76.6	99.90%	Yes
Shigar	-91	86.10%	No	-86	91.40%	Yes
Khaplu	-90.2	75.5%	No	-77.3	100%	Yes

Table 5.1: Data Services Signal Strength -100dBm with 90% Confidence Level in Gilgit Baltistan.

USER DATA THROUGHPUT

6.1 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 2Mbps of 4G User Data Throughput and a of minimum of 256Kbps of 3G User Data Throughput. The results of Data Service QoS KPI i.e. User Data Throughput is shown in **Table 6.1: User Data Throughput in Gilgit Baltistan.**

City	SCOM	
	User Data Throughput (4G) > 2Mbps	User Data Throughput (3G) > 256kbps
Gilgit	2.34	551.6
Jaglot	2.14	715.1
Hunza	2.11	516.5
Ghakuch	2.89	776.9
Astore	2.40	2966
Skardu	4.89	2046
Shigar	2.56	633.9
Khaplu	3.18	1018

Table 6.1: User Data Throughput in Gilgit Baltistan

SURVEY MAPS & GRAPHICAL RESULTS

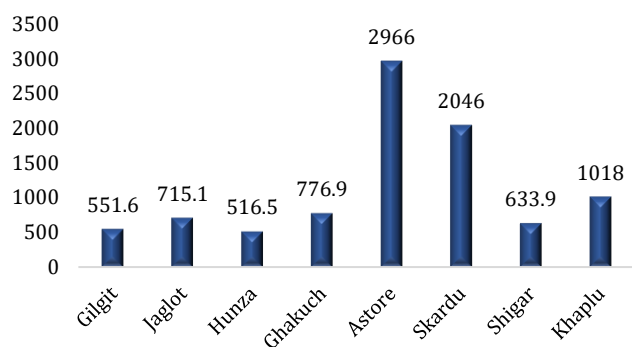
7.1 The 4G/LTE (RSRP) 3G (RSCP) and 2G (RxLev) Signal Strength samples recorded during drive test on survey routes and plotted on maps. Coverage Maps of Voice Services Signal Strength are shown at **Annex-A**, Voice & SMS QoS KPIs survey results in graphical form are shown at **Annex-B**. Data Services Signal Strengths of SCOM are shown at **Annex-C** wherein **Annex-D** contains Data Services QoS KPIs survey results for 8x cities of Gilgit Baltistan.

STANDING IN SURVEY

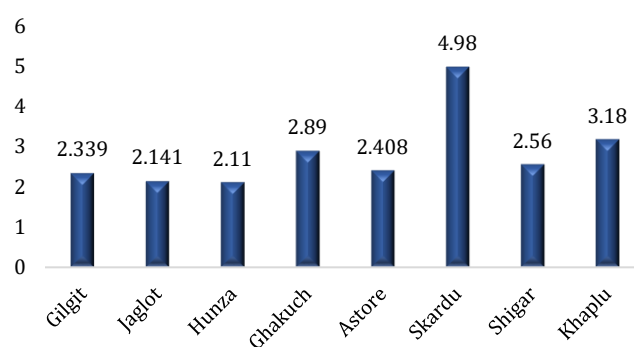
8.1 CMOs have been prioritized/ placed at 1st, 2nd, 3rd, 4th & 5th position in each category i.e. Mobile Network Coverage, Mobile Broadband Service and Voice Service based upon the compliance level against each QoS KPI in each category in 8 x surveyed cities.

QUALITY OF SERVICE SURVEY RESULTS GILGIT BALTISTAN

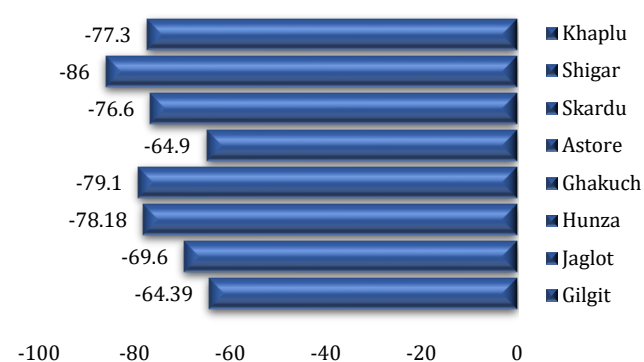
User Data Throughput (3G) > 256kbps



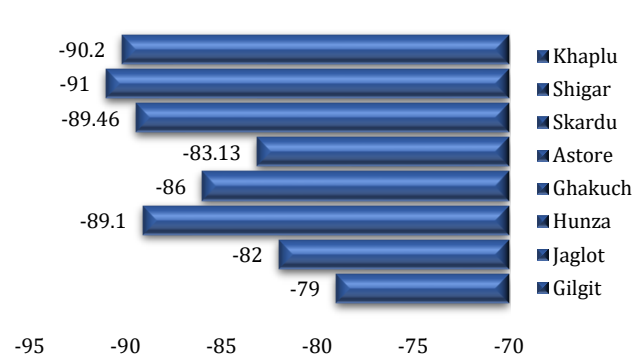
User Data Throughput (4G) > 2Mbps



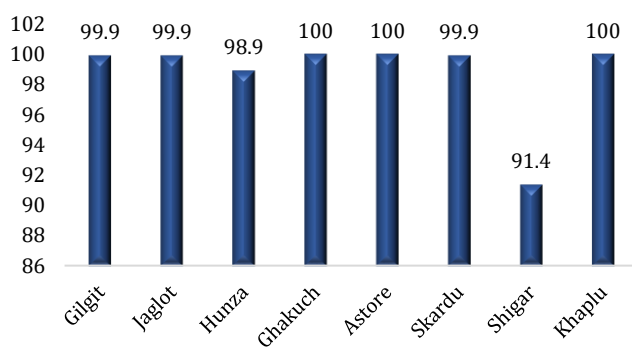
Signal Strength RSCP (3G)-100dBm



Signal Strength RSRP (4G) -100dBm



Signal Strength RSCP (3G) 90% Confidence Level



Signal Strength RSRP (4G) 90% Confidence Level

