

5.3. The 7 x QoS KPIs (i.e. Network Accessibility, Call Setup Success Rate, Call Setup Time, Call Completion Rate, Mean Opinion Score, Inter System Handover Success Rate & RAB Setup Success Rate) have been measured while testing voice services on <u>8 x surveyed roads</u> of Pakistan. The compliance level of threshold values of voice QoS KPIs on each road is shown in **Table 5.2: Voice QoS KPIs Compliance Level**.

			VOICE CA	ALLS ROADS – COM	IPLIANCE (YES/	NO)			
Operator	*Voice KPIs	Karachi to	Multan to	Lahore to	Sukkur to	Sukkur to	M-14	Rawalpindi	Rawalpindi to
operator		Kotri	Sadiqabad	Kharian	Dadu	Jacobabad	Motorway	to Bhimber	Muzaffarabad
Jazz	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SA	Yes	No	No	No	No	No	No	No
	ССТ	Yes	No	Yes	Yes	No	Yes	Yes	No
	CCR	Yes	No	Yes	No	Yes	No	Yes	No
	MOS	Yes	No	Yes	No	No	No	No	No
	ISHO	Yes	Yes	No	Yes	Yes	Yes	Yes	No
	RSSR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
_	NA	No	Yes	Yes	Yes	Yes	No	Yes	Yes
	SA	No	No	No	No	No	No	No	No
or _	ССТ	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Telenor	CCR	No	No	Yes	No	Yes	No	No	No
T _e	MOS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
	ISHO	N/A	Yes	N/A	Yes	N/A	Yes	No	N/A
	RSSR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NA	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
	SA	No	Yes	No	No	Yes	No	No	Yes
0	ССТ	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Ufone	CCR	No	Yes	Yes	Yes	Yes	No	No	No
n	MOS	Yes	No	Yes	No	Yes	No	Yes	No
	ISHO	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
	RSSR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SA	Yes	Yes	No	Yes	Yes	No	No	No
ZonG	CCT	Yes	Yes	Yes	Yes	Yes	No	Yes	No
	CCR	Yes	Yes	Yes	Yes	Yes	No	No	No
	MOS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	ISHO	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	RSSR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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