

S. #.	Operator	Towns	
		Count	Names
1.	Jazz	5	Taxila, Pattoki, Nooriabad, Tando Muhammad Khan, Jahangira
2.	Telenor	1	Kot Addu
3.	Ufone	4	Gujar Khan, Pattoki, Kot Addu, Nooriabad
4.	ZonG	8	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Tando Muhammad Khan, Jahangira

Table 5.7: Compliance of Mean Opinion Score > 3

- ii. **NON-COMPLIANCE.** The towns where CMOs remained non-compliant is mentioned in **Table 5.8: Non-Compliance of Mean Opinion Score > 3.**

S. #.	Operator	Towns	
		Count	Names
1.	Jazz	3	Gujar Khan, Abdul Hakeem, Kot Addu
2.	Telenor	7	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Nooriabad, Tando Muhammad Khan, Jahangira
3.	Ufone	4	Taxila, Abdul Hakeem, Tando Muhammad Khan, Jahangira

Table 5.8: Non-Compliance of Mean Opinion Score > 3

- f. **INTER SYSTEM HANDOVER OF CIRCUIT SWITCHED VOICE.** The analysis of QoS KPI **Inter System Handover of Circuit Switched Voice > 98%** in all 08 x surveyed towns revealed following:

- i. **COMPLIANCE.** The towns where CMOs remained compliant is mentioned in **Table 5.9: ISHO for Circuit Switched Voice \geq 98%.**

S. #.	Operator	Towns	
		Count	Names
1.	Jazz	8	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Tando Muhammad Khan, Jahangira
2.	Telenor	7	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Jahangira
3.	Ufone	7	Taxila, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Tando Muhammad Khan, Jahangira
4.	ZonG	7	Taxila, Gujar Khan, Pattoki, Kot Addu, Nooriabad, Tando Muhammad Khan, Jahangira

Table 5.9: ISHO for Circuit Switched Voice \geq 98%.

- ii. **NON-COMPLIANCE.** The towns where CMOs remained non-compliant is mentioned in **Table 5.1.1: ISHO for Circuit Switched Voice \geq 98%.**

S. #.	Operator	Towns	
		Count	Names
1.	Telenor	1	Tando Muhammad Khan
2.	Ufone	1	Gujar Khan
3.	ZonG	1	Abdul Hakeem

Table 5.1.1: ISHO for Circuit Switched Voice \geq 98%.

- g. **RAB SETUP SUCCESS RATE.** All CMOs have achieved the QoS KPI **RAB Setup Success Rate > 98%** in all 08 x surveyed towns.

SMS SERVICE

6.1. 2 x QoS KPIs i.e. “SMS Success Rate” and “SMS End to End Delivery Time” have been measured and the results are as under:

a. **SMS SUCCESS RATE.** The analysis of QoS KPI **SMS Success Rate of 99%** in all 08 x surveyed towns revealed following:

i. **COMPLIANCE.** The towns where CMOs remained compliant is mentioned in **Table 6.1: Compliance of SMS Success Rate > 99%.**

S. #.	Operator	Towns	
		Count	Names
1.	Jazz	2	Nooriabad, Tando Muhammad Khan
2.	Ufone	1	Taxila

Table 6.1: Compliance of SMS Success Rate > 99%

ii. **NON-COMPLIANCE.** The towns where CMOs remained non-compliant is mentioned in **Table 6.2: Non-Compliance of SMS Success Rate > 99%.**

S. #.	Operator	Towns	
		Count	Names
1.	Jazz	6	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Jahangira
2.	Telenor	8	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Tando Muhammad Khan, Jahangira
3.	Ufone	7	Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Tando Muhammad Khan, Jahangira
4.	ZonG	8	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Tando Muhammad Khan, Jahangira

Table 6.2: Non-Compliance of SMS Success Rate > 99%

b. **SMS END-TO-END DELIVERY TIME.** The analysis of QoS KPI **SMS End-to-End Delivery time of 12 Seconds** in all 08 x surveyed towns revealed following:

i. **COMPLIANCE.** The towns where CMOs remained compliant is mentioned in **Table 6.3: Compliance of SMS End-To-End Delivery Time ≤ 12 Seconds.**

S. #.	Operator	Towns	
		Count	Names
1.	Jazz	7	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Tando Muhammad Khan
2.	Telenor	3	Kot Addu, Nooriabad, Tando Muhammad Khan
3.	Ufone	6	Taxila, Gujar Khan, Pattoki, Kot Addu, Nooriabad, Tando Muhammad Khan
4.	ZonG	8	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Kot Addu, Nooriabad, Tando Muhammad Khan, Jahangira

Table 6.3: Compliance of SMS End-To-End Delivery Time ≤ 12 Seconds

ii. **NON-COMPLIANCE.** The towns where CMOs remained non-compliant is mentioned in **Table 6.4: Non-Compliance of SMS End-To-End Delivery Time ≤ 12 Seconds.**

S. #.	Operator	Towns	
		Count	Names
1.	Jazz	1	Jahangira
2.	Telenor	5	Taxila, Gujar Khan, Pattoki, Abdul Hakeem, Jahangira