

S. #	Operator	Motorways / Highways / Inter Cities Roads	
		Count	Names
			Haripur, Peshawar to Abbottabad, Quetta to Pishin, Quetta to Sibbi, Quetta to Noshki & Quetta to Khuzdar
3.	Ufone	10	Lahore to Faisalabad, Multan to Rahim Yar Khan, Peshawar to Kohat, Peshawar to Swabi, Peshawar to Haripur, Peshawar to Abbottabad, Quetta to Pishin, Quetta to Sibbi, Quetta to Noshki & Quetta to Khuzdar
4.	ZonG	8	Lahore to Gujranwala, Peshawar to Kohat, Peshawar to Swabi, Peshawar to Haripur, Peshawar to Abbottabad, Quetta to Sibbi, Quetta to Noshki & Quetta to Khuzdar

**Table 5.2: Non-Compliance of Service Accessibility > 98%**

- c. **CALL CONNECTION TIME.** The analysis of QoS KPI **Call Connection Time of < 6.5 Seconds** in all the surveyed Motorways / Highways / Inter Cities Roads revealed following.

- i. **COMPLIANCE.** The Motorways / Highways / Inter Motorways / Highways / Inter Cities Roads where CMOs remained compliant are mentioned in **Table 5.3: Compliance of Call Connection Time < 6.5 Seconds.**

S. #	Operator	Motorways / Highways / Inter Cities Roads	
		Count	Names
1.	Jazz	5	Lahore to Gujranwala, Lahore to Kasur, Lahore to Faisalabad, Quetta to Pishin & Quetta to Sibbi
2.	Telenor	12	Lahore to Gujranwala, Lahore to Kasur, Lahore to Faisalabad, Multan to Rahim Yar Khan, Peshawar to Kohat, Peshawar to Swabi, Peshawar to Haripur, Peshawar to Abbottabad, Quetta to Pishin, Quetta to Sibbi, Quetta to Noshki, Quetta to Khuzdar
3.	Ufone	9	Lahore to Gujranwala, Lahore to Kasur, Lahore to Faisalabad, Peshawar to Kohat, Peshawar to Swabi, Peshawar to Haripur, Peshawar to Abbottabad, Quetta to Pishin & Quetta to Sibbi
4.	ZonG	6	Lahore to Kasur, Lahore to Faisalabad, Multan to Rahim Yar Khan, Peshawar to Haripur, Quetta to Pishin & Quetta to Sibbi

**Table 5.3: Compliance of Call Connection Time < 6.5 Seconds**

- ii. **NON-COMPLIANCE.** The Motorways / Highways / Inter Cities Roads where CMOs remained non-compliant are mentioned in **Table 5.4: Non-Compliance of Call Connection Time < 6.5 Seconds.**

S. #	Operator	Motorways / Highways / Inter Cities Roads	
		Count	Names
1.	Jazz	7	Multan to Rahim Yar Khan, Peshawar to Kohat, Peshawar to Swabi, Peshawar to Haripur, Peshawar to Abbottabad, Quetta to Noshki & Quetta to Khuzdar
2.	Ufone	3	Multan to Rahim Yar Khan, Quetta to Noshki & Quetta to Khuzdar
3.	ZonG	6	Lahore to Gujranwala, Peshawar to Kohat, Peshawar to Swabi, Peshawar to Abbottabad, Quetta to Noshki & Quetta to Khuzdar

**Table 5.4: Non-Compliance of Call Connection Time < 6.5 Seconds**

- d. **CALL COMPELETION RATIO.** The analysis of QoS KPI **Call Completion Ratio of > 98%** in surveyed Motorways / Highways / Inter Cities Roads revealed following:

- i. **COMPLIANCE.** The Motorways / Highways / Inter Cities Roads where CMOs remained compliant are mentioned in **Table 5.5: Compliance of Call Completion Ratio > 98%.**

S. #.	Operator	Motorways / Highways / Inter Cities Roads	
		Count	Names
1.	Jazz	6	Lahore to Gujranwala, Lahore to Kasur, Lahore to Faisalabad, Peshawar to Swabi, Peshawar to Haripur & Quetta to Pishin
2.	Telenor	4	Lahore to Gujranwala, Lahore to Kasur, Peshawar to Kohat & Quetta to Pishin
3.	Ufone	5	Lahore to Kasur, Multan to Rahim Yar Khan, Peshawar to Kohat, Quetta to Pishin & Quetta to Sibbi
4.	ZonG	3	Multan to Rahim Yar Khan, Peshawar to Kohat & Quetta to Pishin

**Table 5.5: Compliance of Call Completion Ratio > 98%**

- ii. **NON-COMPLIANCE.** The Motorways / Highways / Inter Cities Roads where CMOs remained non-compliant are mentioned in **Table 5.6: Non-Compliance of Call Completion Ratio > 98%.**

S. #.	Operator	Motorways / Highways / Inter Cities Roads	
		Count	Names
1.	Jazz	6	Multan to Rahim Yar Khan, Peshawar to Kohat, Peshawar to Abbottabad, Quetta to Sibbi, Quetta to Noshki & Quetta to Khuzdar
2.	Telenor	8	Lahore to Faisalabad, Multan to Rahim Yar Khan, Peshawar to Swabi, Peshawar to Haripur, Peshawar to Abbottabad, Quetta to Sibbi, Quetta to Noshki & Quetta to Khuzdar
3.	Ufone	7	Lahore to Gujranwala, Lahore to Faisalabad, Peshawar to Swabi, Peshawar to Haripur, Peshawar to Abbottabad, Quetta to Noshki & Quetta to Khuzdar
4.	ZonG	9	Lahore to Gujranwala, Lahore to Kasur, Lahore to Faisalabad, Peshawar to Swabi, Peshawar to Haripur, Peshawar to Abbottabad, Quetta to Sibbi, Quetta to Noshki & Quetta to Khuzdar

**Table 5.6: Non-Compliance of Call Completion Ratio > 98%**

- e. **END-TO-END SPEECH QUALITY / MEAN OPINION SCORE.** Only one of the CMOs has achieved the QoS KPI **End-to-End Speech Quality/ Mean Opinion Score of > 3** in all the surveyed Motorways / Highways / Inter Cities Roads. Results revealed following:

- i. **COMPLIANCE.** The Motorways / Highways / Inter Cities Roads where CMOs remained compliant are mentioned in **Table 5.7: Compliance of Mean Opinion Score > 3.**

S. #.	Operator	Motorways / Highways / Inter Cities Roads	
		Count	Names
1.	Jazz	5	Lahore to Kasur, Lahore to Faisalabad, Peshawar to Haripur, Peshawar to Abbottabad & Quetta to Pishin
2.	Telenor	7	Lahore to Gujranwala, Lahore to Kasur, Multan to Rahim Yar Khan, Peshawar to Swabi, Quetta to Pishin, Quetta to Sibbi & Quetta to Khuzdar