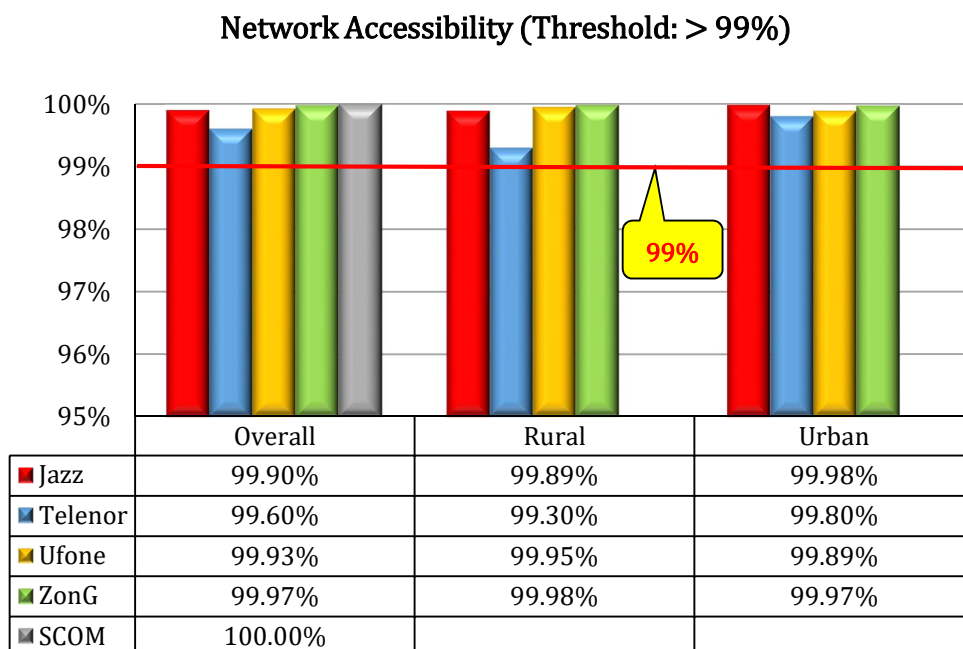


- *RSRP of 4G Network of falls short of the minimum threshold (-100 dBm with 90 % confidence) both in Urban and Rural Areas*
- *Telenor and ZonG failed to achieve the desired threshold in Rural Areas.*

### VOICE – KEY PERFORMANCE INDICATORS

**Voice KPIs.** The performance of voice services of CMOs has been checked by measuring Network Down Time/Network Accessibility, Grade of Service, Service Accessibility, Call Connection Time, Call Completion Ratio, End-to-End Speech Quality and Session Abnormal Release Rate Key Performance Indicators (KPIs).

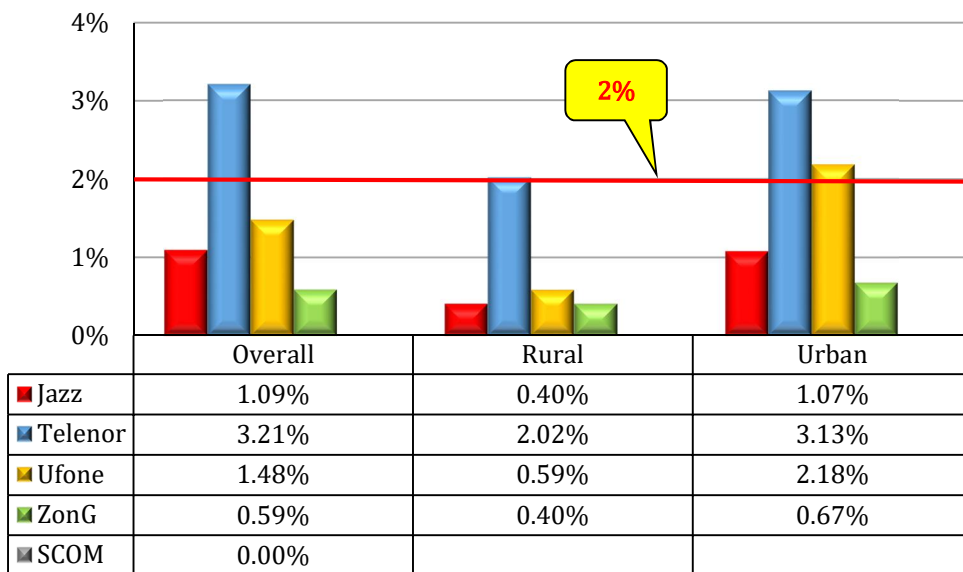
**Network Accessibility.** “The probability that mobile services are available to an end customer display of the network indicator on the mobile equipment”.



**CMOs have met the threshold value of Network Accessibility**

**Grade of Service (GOS).** “Grade of Service is probability that the end customer cannot access the mobile services when requested if it is offered by display of the network indicator on the mobile phone. In simple words, Grade of Service is Network Blocking”.

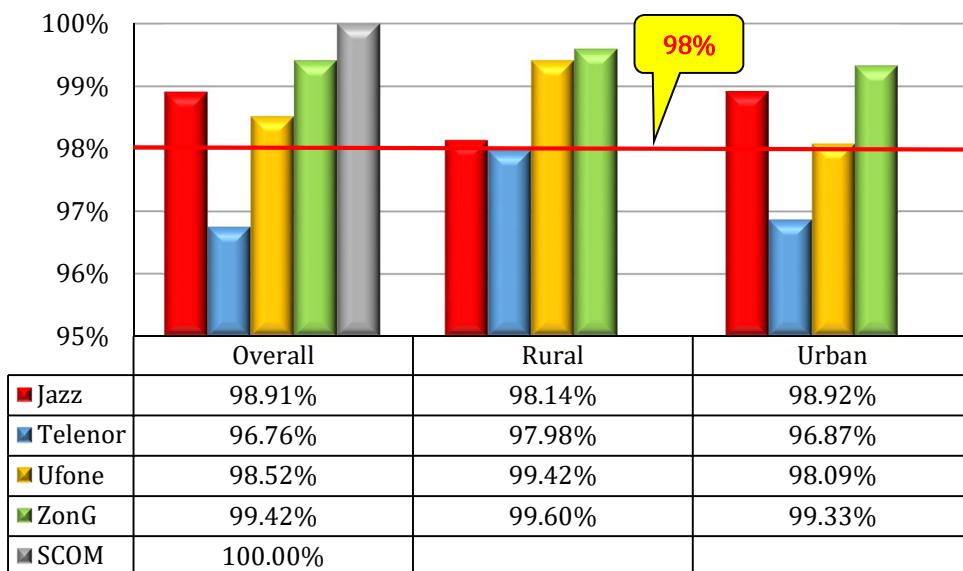
### Grade of Service (Threshold: $\leq 2\%$ )



- ***Telenor failed to meet the threshold value in both Rural and Urban Areas***
- ***Ufone was unable to achieve the desired threshold in Urban Areas***

**Service Accessibility.** “Service Accessibility is the probability that the user can access the desired service. A given network accessibility is a precondition for this phase”.

### Service Accessibility (Threshold: $> 98\%$ )



***Telenor failed to achieve the criteria of Service Accessibility in both Urban and Rural Areas***

**Call Connection Time.** “Call Connection Time is the time between sending of complete call initiation information by the caller and in return receipt of call setup notification. In simple words, it is time between dialing a number and hearing ring-back tone”.