

STATISTICAL TIME DIVISION MULTIPLEXING ARCHITECTURES AND DESIGN

A2

15 mV

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200mV

20mV



0.1 500ns

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29. Speech quality for LPC Envelope Criterion

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29.0 Abstract

The design of STDM based upon LPC envelope distance is used in simulation. The simulation based upon this criterion, performance of the STDM is provided in this chapter. The quality of speech is measured subjectively.

29.1 The MOS results

The MOS results in this scheme indicate that up to 11 users the score is around 3. The performance of this scheme is inferior to the other criterion schemes. The score attained by this scheme is close to the random scheme, The two reasons may cause this, first high frames discarding rate is received at 11 users and second the possibility of attempting higher sensitive frame does exists.