practical situation, feedback packet loss rate information may be delayed from the decoder. Therefore, the packet loss rate used by the encoder in its RD optimization process may not be exactly identical to the actual packet loss rate. To further evaluate the performances of the proposed HRMIR approach at the case when the estimated packet loss rate does not match the actual one, we use 10% as packet loss rate in the RD optimization process, whereas, the actual packet loss rate is varied from 0 to 20%. In Fig.8, the HRMIR, Optimal Intra and RS-MDC approaches are all optimized for 10% packet