

5.2.7 Physical channel BER

Definition	The Physical channel BER is an estimation of the average bit error rate (BER) on the DPCCCH after RL combination in Node B. An estimate of the Physical channel BER shall be possible to be reported after the end of each TTI of any of the transferred TrCHs. The reported physical channel BER shall be an estimate of the BER <u>averaged over during</u> the latest TTI <u>of the respective TrCH</u> .
Range/mapping	<p>The physical channel BER shall be reported for $0 \leq \text{Physical channel BER} \leq 1$ in the unit PhCh_BER_LOG where:</p> <p>PhCh_BER_LOG_000: Physical channel BER = 0 PhCh_BER_LOG_001: $-\infty < \text{Log}_{10}(\text{Physical channel BER}) < -2.06375$ PhCh_BER_LOG_002: $-2.06375 \leq \text{Log}_{10}(\text{Physical channel BER}) < -2.055625$ PhCh_BER_LOG_003: $-2.055625 \leq \text{Log}_{10}(\text{Physical channel BER}) < -2.0475$... PhCh_BER_LOG_253: $-0.024375 \leq \text{Log}_{10}(\text{Physical channel BER}) < -0.01625$ PhCh_BER_LOG_254: $-0.01625 \leq \text{Log}_{10}(\text{Physical channel BER}) < -0.008125$ PhCh_BER_LOG_255: $-0.008125 \leq \text{Log}_{10}(\text{Physical channel BER}) \leq 0$</p>