
Agenda item:	AdHoc #24 HSDPA
Source:	Motorola
Title:	Text Proposal for Section 7.1.2.1.2 – Complexity Impacts to RNS
Document for:	Approval

7.1.2.1.2 Complexity Impacts to RNS

The effect of higher order modulation on peak-to-average power ratio (*PAP*) at the Node-B transmitter was studied. Based on a very limited set of simulation experiments, it was observed that the PAP does not degrade compared to Release-3 downlink which only uses QPSK modulation. It was also noted PAP performance is very close to the analytic result. However, detailed analysis on the effect on PAP for a downlink using HS-DSCH needs to be carried out by WG#4.