

ABSTRACT**UTRAN ENHANCEMENTS FOR THE SUPPORT OF INTER-CELL
INTERFERENCE CANCELLATION**

Systems and methodologies are described that facilitate providing uplink inter-cell interference cancellation. A radio network controller can receive measurement reports in order to identify non-serving nodes that are receiving interference from user equipment. Based on evaluation of such measurement reports, an interference message can be communicated to a Node B, wherein such measurement report can include information that allows the Node B to cancel or terminate the interference caused by such identified user equipment.

Figure 4