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Source(s)	Yong-Ho Kim Kihyoung Cho Changjae Lee LG Electronics,Inc. 533,Hogye-1dong,Dongan-gu, Anyang-shi,Kyongki-do,Korea	Voice: 82-31-450-4387 Fax: 82-31-450-7912 mailto: ronnykim@lge.com kihyoung@lge.com cjlee16@lge.com
Re:	Response to IEEE 802.16-04/19 (Recirculation Ballot #14a)
Abstract	Soft Handover – Definition and Requirements
Purpose	To define soft handover and its requirements
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Soft handover – Definition and Requirements

Yong-Ho Kim, Kihyoung Cho, Changjae Lee

LG Electronics

1. Introduction

- Requirements of Soft Handover
    1. MSS is able to be connected to two BSs simultaneously.
    2. Combining of two received signal from two BSs
    3. Performance Consideration
    4. Synchronization during HO

- Soft Handover Procedure
    1. Measurement
        A. HO measurements are performed to gather information for a HO decision
        B. The averaging period depends on the mobile speed
            ✓ Faster mobile station requires more frequent update
        C. Different measurement period depending on sets
            ✓ Active set < Candidate set < neighbor set < remaining set
    2. Decision
        A. Parameters
            ✓ Distance attenuation
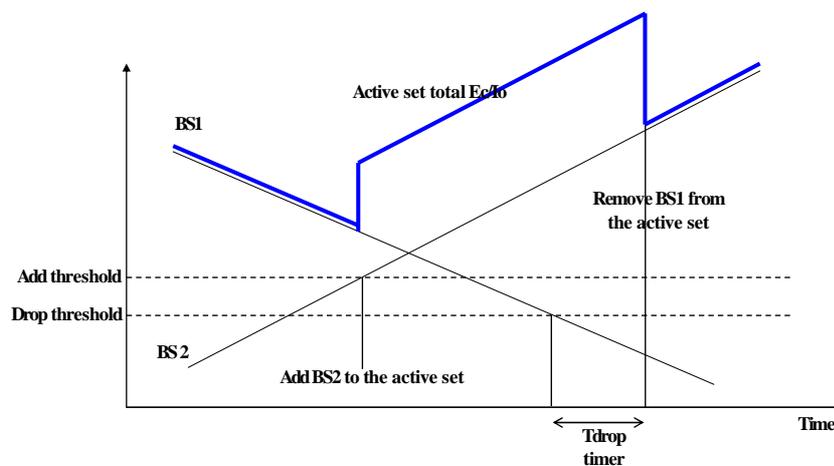   ✓ Uplink interference
            ✓ Downlink interference

Figure. Handover parameter

    3. Execution

2. Overview of Proposed Solution

TBD

3. Proposed Changes in Document

TBD