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| Title | MS CDMA-based BR in Non-transparent RS System under Distributed Scheduling | |
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| Re: | IEEE 802.16j-07/007r2: "Call for Technical Comments and Contributions regarding IEEE Project 802.16j" | |
| Abstract | This contribution proposes procedures for MS CDMA-based BR in non-transparent RS system under Distributed Scheduling | |
| Purpose | Text proposal for 802.16j Baseline Document | |
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MS CDMA-based BR in Non-transparent RS System under Distributed Scheduling

Introduction

This contribution describes MS CDMA-based bandwidth request (BR) in non-transparent RS system under distributed scheduling scheme. In order to facilitate the incorporation of this proposal into IEEE 802.16j standard, specific changes to the baseline working document IEEE 802.16j-06/026rx are listed below.

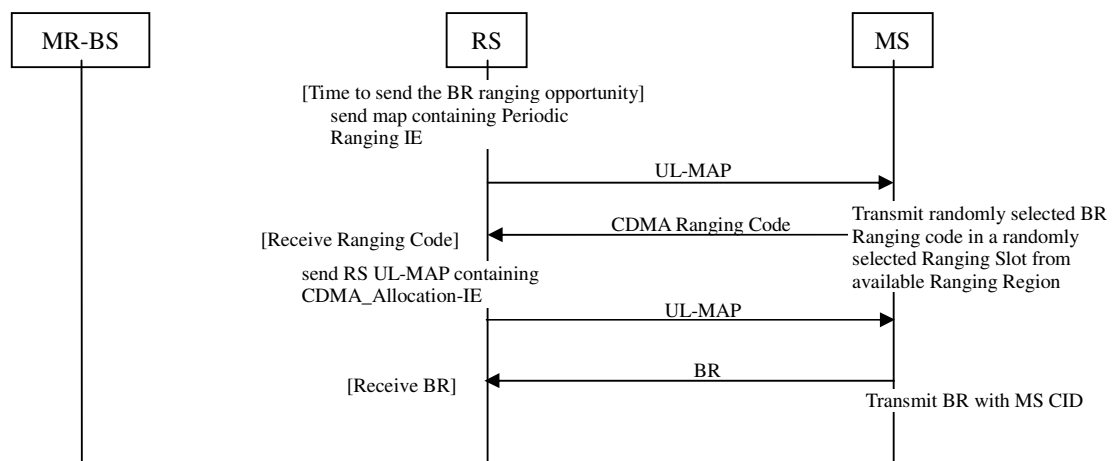
Text Proposal

6.3.6.8.2.2 Non-transparent RS with Distributed Scheduling

The RS should support the CDMA-based mechanism as specified in the following paragraphs of this subclause. The BR ranging process shall begin by sending BR-ranging CDMA codes on the UL allocation dedicated for that purpose (for more details see 6.3.10.3). The RS shall monitor ranging channel assigned by the MR-BS.

Once a RS receives the CDMA code resulting in success status, RS should broadcast a UL-MAP including a CDMA Allocation-IE. The MS shall use the allocation to transmit a Bandwidth Request MAC PDU and/or data.

Table xxx: MS CDMA Bandwidth Request procedure in non-transparent RS systems under distributed scheduling



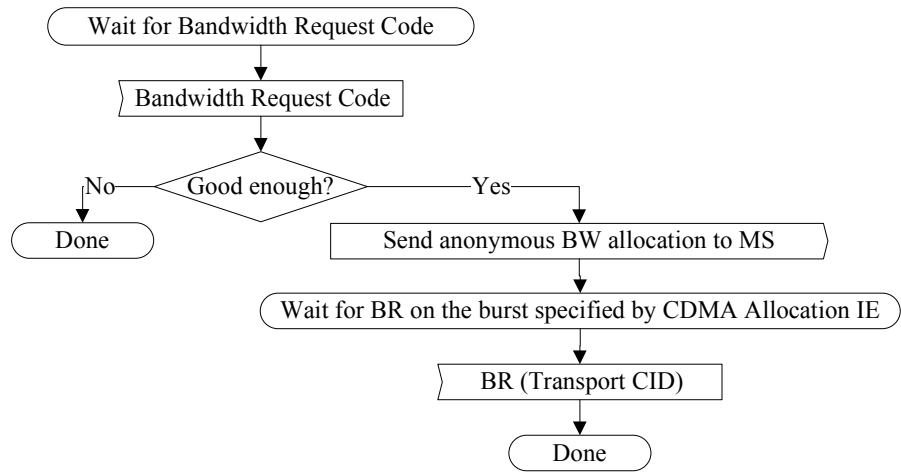


Figure xxx MS CDMA-based Bandwidth Request – Non-transparent Access RS