Relay-Station Power Control and Channel Reuse

IEEE 802.16 Presentation Submission Template (Rev. 8.3)

Document Number:
IEEE S802.16j-06/216r1

Date Submitted:
2006-11-07

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Venue:
EEE 802.16 Session #46, Dallas, USA

Base Document:
IEEE C802.16j-06/216r0 and URL <http://ieee802.org/16/… C80216j-06_216r0.pdf>

Purpose:
Propose the text regarding relay-station power control and channel reuse

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Introduction

• Reduce channel interference, RS power control applying to each MS data burst

• Increasing channel reuse, network management to group the set of MSs from each of different RSs
RS Power Control for Each MS Data Burst

MS_0 and MS_1 can have channel reuse without interference
The 1st group of MS_01 & MS_11 and a 2nd group of MS_02 & MS_12 can have channel reuse without interference, but MS_01 & MS_12 would not be an accepted group for channel reuse due to interference.
Summary

- RS power control + Network management => Channel reuse => SDMA

- Proposing RS power control to each data burst transmission