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| Project        | <b>IEEE 802.20 Working Group on Mobile Broadband Wireless Access</b><br><a href="http://ieee802.org/20/">&lt;http://ieee802.org/20/&gt;</a>  |   |
| Title          | <b>MBFDD Report II Errata</b>  |   |
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| Re:            | <b>MBWA Call for Proposals</b>   |   |
| Abstract       | This contribution highlights a few errors in the MBFDD Proposal documents that were submitted on January 6. More specifically, errors noted are in MBFDD Performance Report 2 (C802.20-05/86r1). This contribution is provided for the information of the 802.20 working group to clarify these materials.   |   |
| Purpose        | FYI.   |   |
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## Introduction

This contribution contains a list of minor changes made from a second review of the Report II materials submitted to 802.20 on January 6, 2006. It is provided for the information of 802.20, so that working group members can accurately evaluate the technologies submitted.

### **MBFDD Proposal Package: Performance Report II (C802.20-05/86r1)**

1) There is an inaccurate statement in Section 1.2.1., where the last two sentences of the paragraph before Figure 1-1 should be removed and replaced with the following sentences:

“In all of these simulations, the air-interface is underloaded, i.e., on average at 20% utilization. The FTP throughput of Figure 1-2 exceeds that of Table 1-2 because the average arrival time of the first packet is 90 seconds.”

2) There is an inaccurate statement in Section 1.3.2.3.3. The CQI plot has post-despreading SNR on the x-axis rather than per chip SNR. Change x-axis label in plot to read “Post-despreading SNR”. Add following sentence at the end of Section 1.3.2.3.3

“The  $E_s/N_t$  value shown in the figure is the post-despreading value, with a spreading factor of 1024 (approximately 30 dB).”

3) In Section 2.2.1.,  $N$  is incorrectly used instead of  $N_{\text{PAGING}}$  in the last line of the first paragraph. Change to read as follows:

“The duty cycle of the access terminal is given by (Superframe Preamble Duration)/( $N_{\text{Paging}}$ \*Superframe Duration).”