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| Re: | Category: P802.16m/D3 comments for LB30b Area: Section 16.3.2.4 (Derived Parameters) |
| Abstract | This contribution proposes corrections to the first column of Table 769 which specifies OFDMA parameters for tone dropping when the FFT size is 1024. |
| Purpose | Discuss and adopt |
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Correction of OFDMA Parameter Table for Tone Dropping with an FFT size of 1024 (Sections 16.3.2.4)

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1. Introduction

Table 769 specifies OFDMA parameters for an FFT size of 1024 when tone dropping is applied. The table should apply to bandwidths from 5 MHz to 10 MHz. The table as currently written applies to bandwidths from 10 MHz to 15 MHz. This contribution proposes corrections to the first column of the table which will bring the table in line with the original contribution C802.16m-09/2445r2 which was accepted in Session 64.

2. Proposed Text Changes

[Modify Table 769 on page 294 as follows:]

| BW Range, x (MHz) | Number of guard subcarriers | | Number of used subcarriers | Number of PRUs (N_{PRU}) |
|--|-----------------------------|-------|----------------------------------|---------------------------------|
| | Left | Right | | |
| 15.0 > x ≥ 14.2 <u>10.0 > x ≥ 9.2</u> | 116 | 115 | 793 | 44 |
| 14.2 > x ≥ 13.4 <u>9.2 > x ≥ 8.4</u> | 152 | 151 | 721 | 40 |
| 14.2 > x ≥ 13.4 <u>8.4 > x ≥ 7.5</u> | 188 | 187 | 649 | 36 |
| 14.2 > x ≥ 13.4 <u>7.5 > x ≥ 6.7</u> | 224 | 223 | 577 | 32 |
| 14.2 > x ≥ 13.4 <u>6.7 > x ≥ 5.9</u> | 260 | 259 | 505 | 28 |
| 14.2 > x ≥ 13.4 <u>5.9 > x > 5.0</u> | 296 | 295 | 433 | 24 |