**Withdrawn**

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<th>Project</th>
<th>IEEE 802.16 Broadband Wireless Access Working Group <a href="http://ieee802.org/16">http://ieee802.org/16</a></th>
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<td>Title</td>
<td>The uplink subchannelization preamble with lower PAPR</td>
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**Source(s)**

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**Re:** Contribution supporting Sponsor ballot

**Abstract**

This contribution proposes an uplink subchannelization preamble having lower value of PAPR.

**Purpose**

Adoption of the proposed uplink subchannelization preamble into P802.16-REVd/D4-2004

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The uplink subchannelization preamble with lower PAPR

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Background

Subchannelized transmission in the uplink is an option. When the subchannelization is employed, the subchannelization preamble is used. The subchannelization preamble consists of 256 sample sequence preceded by a cyclic prefix. For the uplink transmission, the principal design objective of a preamble is to attain the lowest possible PAPR. We propose a preamble sequence having lower value of PAPR than the
The proposed uplink subchannelization preamble

The allocated frequency offset indices of subcarriers are the same as given in the table 186.

\[ P_{\text{SUB}}(-100:100) = \{ \ldots \} \]

Proposed Text Changes

[Change the equation (75) on the page 422 in IEEE P802.16-REVd/D3-2004, as follows]

\[ P_{\text{SUB}}(-100:100) = \{ \ldots \} \]