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<th>Project</th>
<th>IEEE 802.16 Broadband Wireless Access Working Group <a href="http://iee802.org/16">http://iee802.org/16</a></th>
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<td>Title</td>
<td>Clarification to uplink data mapping for 2-antennas SS with matrix A for the optional PUSC permutation</td>
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<td>Date Submitted</td>
<td>2006-09-21</td>
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| Re:     | IEEE 802.16e-2005 |
| Abstract | Editorial Corrections to Uplink Data Mapping for 2-antennas SS with Matrix A for the Optional PUSC Permutation |
| Purpose | For consideration by the 802.16 Maintenance Task Group |
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Clarification to uplink data mapping for 2-antennas SS with matrix A for the optional PUSC permutation

1. Question Introduction
There exist two problems in Figure 251m in section 8.4.8.4.2, page 599, in IEEE 802.16e-2005 as following:

1. Wrong data mapping of symbols, more explicitly F, for STC using 2-antennas with matrix A for the optional PUSC permutation is shown.
2. Notation of pilot subcarrier and null subcarrier is not easy to differentiate.

2. Suggested Text Changes

[Original]

[Change: Modify Figure 251m as following]