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Title	Comment on Pilot Allocation for 5,6,7 and 8 BS Antennas	
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Re:	Response to Sponsor Ballot call for comment	
Abstract	Propose Scattered Pilot Allocation for 5,6,7 and 8 BS Antennas	
Purpose	Comment on Scattered Pilot Allocation for 5,6,7 and 8 BS Antennas	
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Comment on Pilot Allocation for 5,6,7 and 8 BS Antennas

1 Introduction

Contribution IEEE C802.16e-04/532 (comment 1527) proposes scattered pilot pattern for 5,6,7, and 8 DL transmit at BS. In this contribution, we propose to use single scattered pilots to support 5,6,7 and 8 antenna MIMO transmission in optional FUSC and optional AMC sub-channel.

2 Proposed Solution

The proposed a single pilot pattern is based on the larger coherent time span support for the slow mobility application as shown in Figure 1.

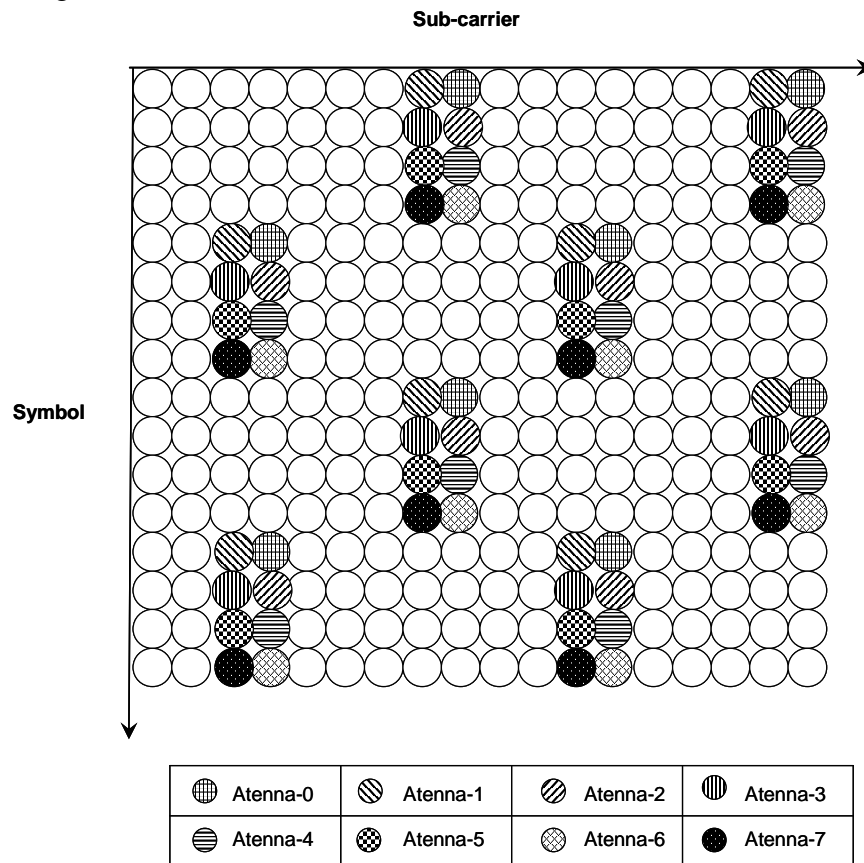


Figure 1 scattered pilot pattern for maximum 8 transmit MIMO