

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	STTD mapping for UL 2-antenna MIMO transmissions	
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Re:	Call for Reply Comments regarding the Maintenance Task Group Comment Report 80216maint-04_09.zip	
Abstract	In this contribution, we propose to clarify the STTD mapping for UL 2-antenna MIMO transmission	
Purpose	The contribution should be considered by Maintenance group within comment resolution procedure	
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STTD mapping for UL 2-antenna MIMO transmissions

1 Proposed text change

Change text in section 8.4.8.1.5

----- Start Text-----

A user supporting transmission using STC configuration in the uplink, shall use a modified uplink tile, 2-transmit diversity data or 2-transmit spatial multiplexing data can be mapped onto each subcarrier, The mandatory tile shall be modified to accommodate those configurations. Figure 249a depicts the UL tile for STC transmission and mapping of matrix B.

----- End Text-----

Change Figure 249 in section 8.4.8.1.5

----- Start Text-----

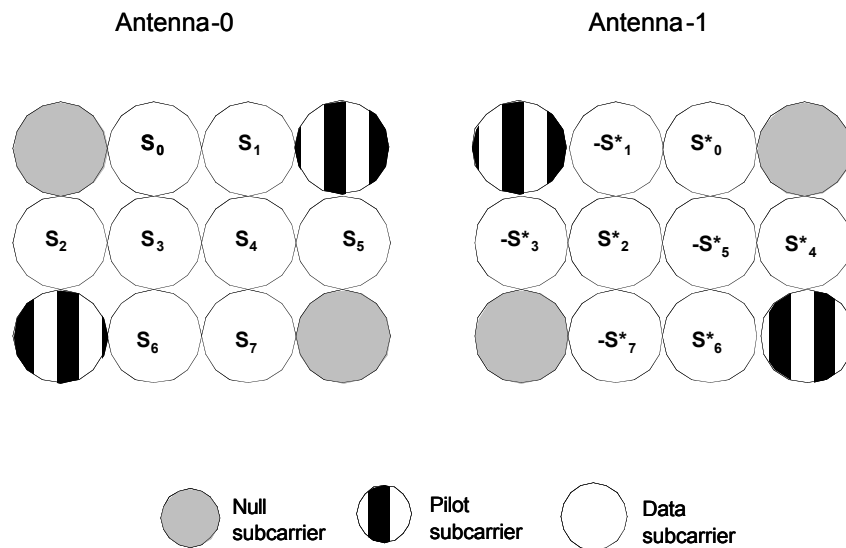


Figure 249a –UL STC tile

----- End Text-----

Insert following text in section 8.4.8.1.5

----- Start Text-----

The optional uplink tile shall be modified to accommodate STC configurations. Figure 249b depicts the UL optional tile for STC transmission and mapping of matrix B.

----- End Text-----

Insert the Figure 249b in section 8.4.8.1.5

----- Start Text-----

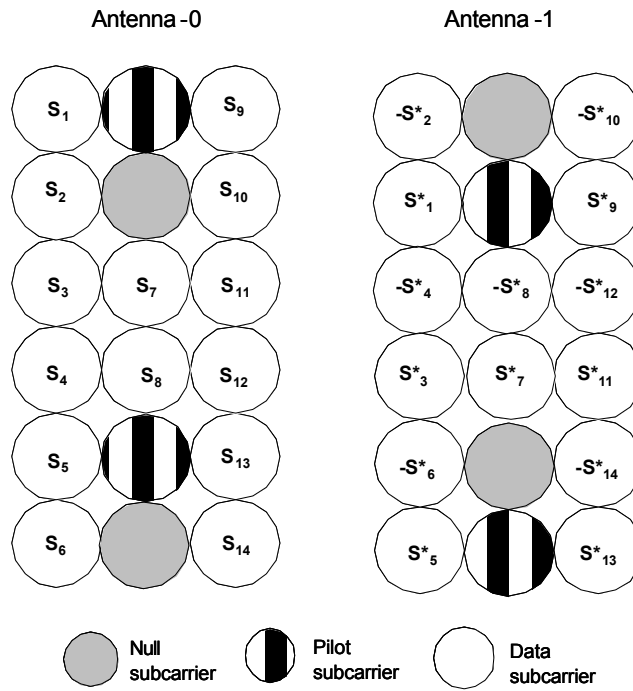


Figure 249b –UL STC Tile

----- End Text-----