Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Correction to Section 8.4.8.3 (Figure 232—Illustration of STC)**
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Re:	IEEE 802.16e/D5
Abstract	Proposed Correction to Section 8.4.8.3 (Figure 232). Figure 232 related to space time coding is inconsistent with Figure 244 of 802.16d D5. We propose that Figure 232 be aligned with 802.16d D5.
Purpose	802.16e Sponsor Ballot
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Correction to Section 8.4.8.3 (Figure 232)

Figure 232 in Section 8.4.8.3 of 802.16e D5, illustrating the use of transmit diversity, is inconsistent. The figure, as reproduced below, shows that space-time coding is carried out before the sub-channel mapping operation. Whereas Figure 244 in section 8.4.8.1 in 802.16d D5, shows that STC encoding is carried out after the sub-carrier mapping operation. We propose that Figure 232 be corrected according to Figure 244 of 802.16d D5.
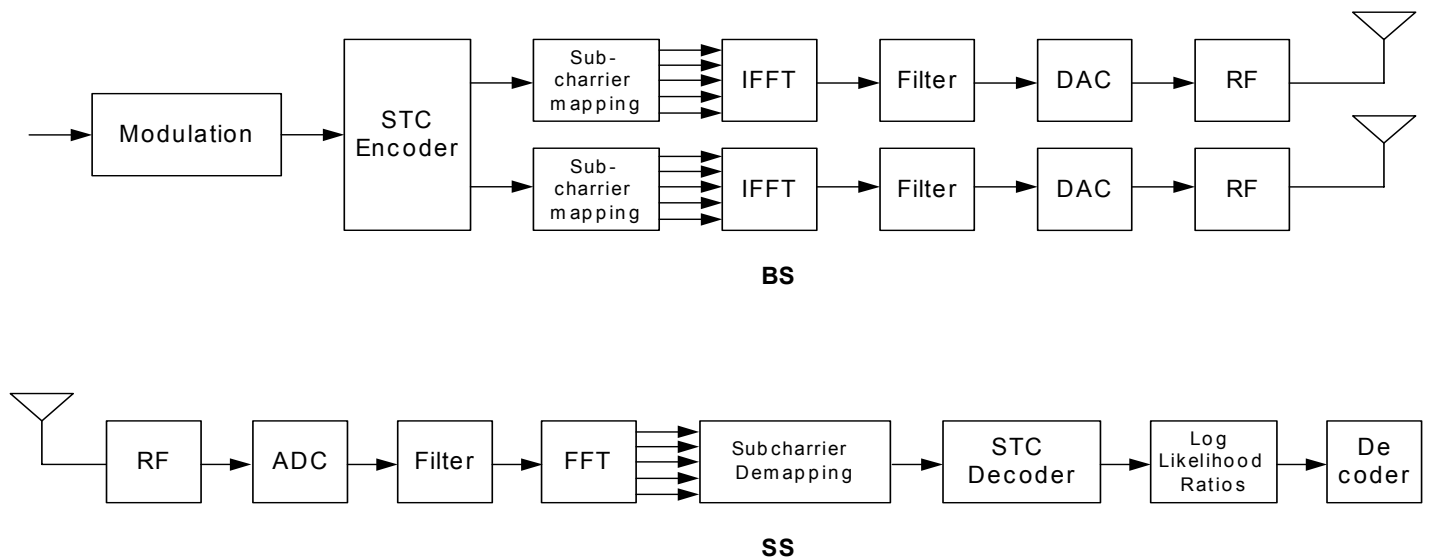
Figure 232---Illustration of STC for Optional Zones in DL
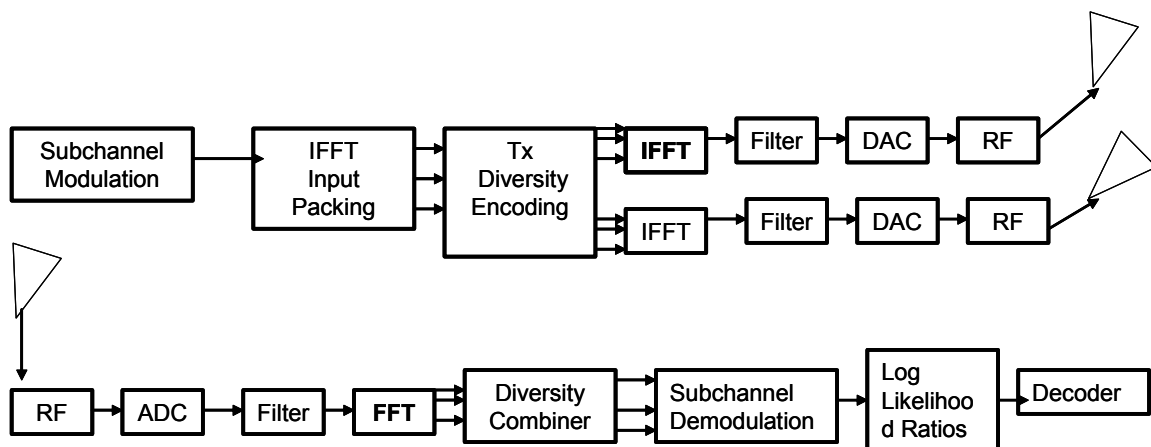
Figure 244 in section 8.4.1 of 802.16d D5 is shown below.

Figure 244 – Illustration of STC