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Title	Comments on the cooperative hybrid diversity	
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Re:	This is in response for call for comments P802.16j/D1	
Abstract	Comments on the cooperative hybrid diversity	
Purpose	Review and adopt	
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Comments on the cooperative hybrid diversity

Samsung Thales, ETRI

Introduction

This document is reply comment on comment #976. For clarification, we added informative text to IEEE P802.16j/D1

Specification changes

8.4.8.10 Cooperative Relaying

[Change the second paragraph as following]

For cooperative source diversity, the transmitting antennas simultaneously transmit the same signal using the same time-frequency resource. [This is accomplished by scheduling the same access zone resource for the RSs.](#) In cooperative transmit diversity mode, STC-encoded signals are transmitted across the transmitting antennas using the same time-frequency resource (refer to Section 8.4.8 for a list of valid STCs). Cooperative hybrid diversity is [identical to cooperative transmit diversity, except that at least one value for antenna assignment is assigned to multiple antennas.](#)