IEEE P802.11
Wireless LANs

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| **TGbe D3.0 LB271 Comment Resolution for 35.3.16.3** **(Simultaneous transmit and receive (STR) operation)** |
| **Date:** 2023-05-04 |

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Abstract

This submission proposes resolutions for comments on TGbe D3.0 regarding STR operation with the following CIDs (**two CIDs**):

* 15065, 16096

Revisions:

- Rev 0: Initial version of the document.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbe Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbe Editor: Editing instructions preceded by “TGbe Editor” are instructions to the TGbe editor to modify existing material in the TGbe draft. As a result of adopting the changes, the TGbe editor will execute the instructions rather than copy them to the TGbe Draft.***

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| **CID** | **Commenter** | **Clause****(page.line)** | **Comment** | **Proposed Change** | **Resolution** |
| 15065 | Michail Koundourakis | 35.3.16.3 | It would be beneficial for STR links to also support TXOP initiation using an initial Control frame for power consumption purposes. 11-22-1423 proposes such a mechanism. | Define an EMLSR-like mechanism for STR links. Using it, an STR non-AP MLD can request that the AP MLD transmits an Initial Control frame when it initiates a TXOP. | **Rejected**Operating with an EMLSR-like mechanism is expected to degrade STR operation performance, and it would be beneficial to operate only on STR links. Also, since PS can be applied individually to the STR link, no further amendment is required in terms of power consumption in this subclause. The appication of this mechanism can be discussed beyond 11be. |
| 16096 | Insun Jang | 35.3.16.3(553.56) | This subcluase is for STR operation, but normative text of simultaneous transmission and reception on multiple links does not exist. We need to add the corresponding descrptions. | As in the comment, | **Rejected**There is the following normative text for the STR on multiple links:“When a pair of links on which an MLD operates is an STR link pair, a STA that is affiliated with the MLD and that is operating on a link in that STR link pair shall access the WM on that link by following the rules defined in 10.3 (DCF) and 10.23.2 (HCF contention based channel access (EDCA)) regardless of any activity occurring on the other link within that STR link pair, unless explicitly stated otherwise.” |