IEEE P802.11
Wireless LANs

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| P2P Communication with EMLSR Peer in Triggered TXOP Sharing |
| Date: 2022-11-14 |
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Abstract

This submission proposes comment resolution for CID 12422 received in LB266 on TGbe D2.0.

## Related Comment

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| 12422 | Yongho Kim | Yes | 35.2.1.2.2 | 402.55 | When EMLSR STA MLD (or STA affiliated with EMLSR STA MLD) is recipient of P2P, EMLSR operating STA can not receive PPDU from non-AP STA without initial control frame. | Please define a procedure to communication with EMLSR operating STA in triggered TXOP sharing mode 2. | **Revised.** Agree in principle. Allow a STA in triggered TXOP sharing mode to be able to transmit MU-RTS to its peer EMLSR STA. **TGbe editor:** Apply the changes tagged with #12422 in this document.  |

## Discussions

* EMLSR-operating non-AP STA MLD can not receive a PPDU without the reception of the initial control frame
* If P2P recipient peer is an EMLSR-operating STA, P2P transmitter (non-AP STA MLD with shared TXOP) can not directly transmit data from to an EMLSR-operating P2P recipient STA.



* Simple solution to this problem is to allow a STA with the shared TXOP of mode 2 to transmit MU-RTS as an ICF to the EMLSR operating P2P recipient STA.



## Proposed Changes to IEEE 802.11be D2.2

35.2.1.2.3 Non-AP STA behavior

***TGbe editor: change the following paragraph at P420L48 of 11be draft 2.2:***

(#14027)(#13317)(#14056) The non-AP EHT STA may use the time allocated by the associated AP in the MU-RTS TXS Trigger frame with the Triggered TXOP Sharing Mode subfield value set to 2 for transmission of non-TB PPDUs to the AP or another STA(s) if the (#12943) Triggered TXOP Sharing Mode subfield value is 2. The non-AP EHT STA should initiate a non-TB PPDUs transmission procedure to a peer-to-peer (P2P) peer STA operating in EMLSR mode by transmitting initial control frame to the P2P peer STA(#12422). The non-AP EHT STA may (#13722) return a QoS Data or QoS Null frame to an associated AP to terminate the allocated time, (#12503)in which case the RDG/More PPDU subfield in the CAS Control subfield of the HE variant HT Control field of the frame is equal to 0.

NOTE 1—For example, the other STA can be a peer STA of a peer-to-peer link.