IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DMG/EDMG Mono-Static PPDU | | | | |
| Date: 2022-08-09 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Assaf Kasher | Qualcomm |  |  | akasher@qti.qualcomm.com |
|  |  |  |  |  |

Abstract

This document proposes resolution to CID 418

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 418 | 28 | 89.01 | DMG monostatic PPDU is not desribed | submission willl be provided | Revised  TGbf editor, make changes specified in 11-22-1523r1 |

***TGbf Editor: Insert the following new clause 28.9.5***

***Editor: Insert the following subclause at the end of 28.9.4***

### 28.9.5 DMG Monostatic Sensing PPDU

As described in Appendix AB, any DMG PPDU may be used for mono-static sensing.

This subclause proposes wider constraints on the waveform used in the TRN field of PPDU used for mono-static sensing.

Any waveform may be used in the TRN field of DMG monostatic PPDU if the following constraints are met:

1. The length of the waveform is equal or shorter than the length of a TRN field declared in the DMG header or EDMG-A header
2. The power of the waveform is less than or equal to the power of a TRN field averaged over each period
3. The spectral density, averaged over 10MHz bandwidth, is less than or equal to the power of a TRN field.
4. The waveform does not contain a more than 4 consecutive sequences and no more than 6 consecutive sequences

[place document body text here]

**References:**