### **IEEE P802.11 Wireless LANs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Spec Text on CSD recommendations for 2us symbols | | | | |
| Date: 2018-07-12 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | Email |
| Vinod Kristem | Intel Corporation |  |  | Vinod.kristem@intel.com |
| Shahrnaz Azizi | Intel Corporation |  |  | Shahrnaz.azizi@intel.com |
| Thomas Kenney | Intel Corporation |  |  |  |

**Abstract**

This document contains text on “Recommended CSD” to be adopted into next TGba draft

**Discussion**

This document provides spec text for example CSD designs. This include the necessary text for the Annex.

---------------------------------------------------------------------------

***Instructions to 802.11ba Editor***

***Editor Instructions: Add the text shown in Red to the Annex.***

For the Sync field and the HDR Data field, which are both constructed from 2 µs MC-OOK symbols, Table xx provides a recommended CSD values for up to eight transmit antennas.

|  |  |
| --- | --- |
| **Number of Transmit Antennas** | **CSD Values (ns)** |
| 1 | [0] |
| 2 | [0, 1500] |
| 3 | [0, 750, 1500] |
| 4 | [0, 500, 1000, 1500] |
| 5 | [0, 400, 750, 1150, 1500] |
| 6 | [0, 300, 600, 900, 1200, 1500] |
| 7 | [0, 250, 500, 750, 1000, 1250, 1500] |
| 8 | [0, 200, 450, 650, 850, 1050, 1300, 1500] |

*Table xx: Recommended CSD values for the Sync field and HDR Data Fields*