IEEE P802.11
Wireless LANs

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| CC50 CR on DRU - Definition of Distribution Bandwidth |
| Date: 2025-05-10 |
|  |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Mahmoud Kamel | InterDigital |  |  | mahmoud.kamel@interdigital.com |
| Ying Wang | InterDigital |  |  |  |
| Xiaofei Wang | InterDigital |  |  |  |
| Rui Yang | InterDigital |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

 |

Abstract

This submission proposes resolutions for 5 CIDs in subclause 38.3.2.1 in P802.11bn D0.1:

296, 926, 1021, 2172, 2800

NOTE – Set the Track Changes Viewing Option in the MS Word to “All Markup” to clearly see the proposed text edits.

**Revision History:**

R0: Initial version

R1: Some editorial changes and update to the resolution of CID 2172

### CIDs: 296, 926, 1021, 2172, 2800

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 296 | 38.3.2.1 | 99.39 | The DRU section should have some introductory subsection introducing the main concepts, such as dsitribution BW, ... before those terms are used in the spec | See comment | **Revise**Agree with the comment. A definition for “distribution bandwidth” is included in subclause 3.2 Definitions specific to IEEE 802.11 TGbn editor: please incorporate changes shown in 11-25/0914r1 below under the tag (#296). |
| 926 | 38.3.2.1 | 99.50 | This is first time to have distribution bandwidth in PHY section. Please define. | As in comment | **Revise**A definition for “distribution bandwidth” is included in subclause 3.2 Definitions specific to IEEE 802.11 TGbn editor: please incorporate changes shown in 11-25/0914r1 below under the tag (#926). |
| 1021 | 38.3.2.1 | 99.50 | the term "distribution bandwidth" is not defined | Define "distribution bandwidth" | **Revise**A definition for “distribution bandwidth” is included in subclause 3.2 Definitions specific to IEEE 802.11 TGbn editor: please incorporate changes shown in 11-25/0914r1 below under the tag (#1021). |
| 2172 | 38.3.2.1 | 99.50 | The terms DBW and Distribution Bandwidth are both used a lot throughout the text, should choose one and use it consistently | The abbreviation DBW is used in Chapter 9, should probably be defined in the abbreviation list and used throughout the text. | **Reject**DBW is already defined in subclause 3.2  |
| 2800 | 3.2 | 21.04 | Define "Distribution Bandwidth" and "Distributed Tune RU" (or better to use "Tune-distributed RU") | As in Comment | **Revise**A definition for “distribution bandwidth” is included in subclause 3.2 Definitions specific to IEEE 802.11 TGbn editor: please incorporate changes shown in 11-25/0914r1 below under the tag (#2800). |

***TGbn editor: please make the following change in clause 3, P23 in 11bn D0.2***

* Definitions specific to IEEE 802.11

***Insert the following definition (maintaining alphabetical order):***

**distribution bandwidth: [DBW]** A channel width of 20, 40, 60, or 80 MHz over which the subcarriers of a distributed-tone resource unit (DRU) are allocated. (#296, #926, #1021, #2800)