IEEE P802.11
Wireless LANs

|  |
| --- |
| BRP TRN-Unit |
| Date: 2013-11-06 |
| Author(s): |
| Name | Company | Address | Phone | email |
| Assaf Kasher | Intel Corporation |  |  | assaf.kasher@intel.com |
|  |  |  |  |  |

Abstract

This document suggests editorial changes to improve the clarity of the text describing the number of TRN-fields and what TRN-fields are.

All page/line references are to P802.11REVmc\_D2.1-323

 Issue:

The concept of TRN subfield in subclause 21.10.2.2 is cumbersome because there are both CE subfields and TRN subfields and because the len field describes 5N subfields but they are from different types. Because the subfields are already grouped in groups of 5: one CE and then 4 TRN-R/T fields, and the len fields already counts these groups, we propose to define the term TRN-Unit, to describe such a group. This will make the text slightly clearer.

Note: the notion of TRN-Unit is already present at the draft at the TX-TIME calculation with a slightly different meaning.

Proposed changes:

IEEE Editor: Edit the following text in P2236L13-15:

A value of *N* in the Training Length field indicates 4×*N* AGC subfields and that the TRN-R/T field

has N TRN-Units

IEEE Editor: Replace figure 21-23 with the following figure:



IEEE Editor: Edit the following text at P2237L33-34:

The TRN-R field is composed of N TRN-Units. Each TRN-Unit is composed of a CE subfield and 4 TRN fields. Each subfield CE matches the Channel Estimation field defined in 21.3.6.3 (Channel Estimation field). The 4N subfields R1 through R4N each consist of the sequence [Ga128 –Gb128 Ga128 Gb128 Ga128].

IEEE Editor: Replace figure 21-24 with the following figure:



IEEE Editor: Insert the following text before P2237L52:

The TRN-T field is composed of N TRN-Units. Each TRN-Units is composed of a CE subfield and 4 TRN fields.

IEEE Editor: Edit the text in column 4 at P489L28-29 (6.5.9.2) as follows:

The use of this field is defined in 21.10.2.2.3