IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SB000 Comment Resolution | | | | |
| Date: 2019-04-01 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Li-Hsiang Sun | Interdigital |  |  | [lihsiang.sun@interdigital.com](mailto:lihsiang.sun@interdigital.com) |
| Rui Yang | Interdigital |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission proposes resolutions to comments submitted in SB000. The text used as reference is D5.0.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Comment** | **Proposed change** | **Resolution** |
| 6206 | 9.4.2.273 | In the last row column "meaning"  If the Feedback Type subfield is 1 and the Grouping subfield is 3, Nsc specifies the number of subcarriers present in the Digital Beamforming Feedback Information field of the Digital BF Feedback element minus one. | Nsc is later used in Table9-321z as the actaul number of subcarriers present in the Digital Beamforming Feedback Information field.  It should say "Nsc specifies the number of subcarriers present in the Digital Beamforming Feedback Information field of the Digital BF Feedback element. This field is set to Nsc-1" | Accept |
| 6207 | 9.4.2.282 | The Differential Subcarrier Index Field should have Nsc-1 rows, not Nsc rows | In the last row of Differential Subcarrier Index Field "Size" and "Meaning" columns, replace "Nsc-1" with "Nsc-2", replace "Nsc" with "Nsc-1" | Accept |

**Proposed resolution**: Accept

**Modifications**:

*Please modify last row of Table 9-321f as follows:*

|  |  |
| --- | --- |
| Number of Feedback Matrices or Feedback Taps | This field is represented by the variable Nsc.  If the Feedback Type subfield is 0, Nsc is the number of feedback taps per element of the SC feedback matrix.  If the Feedback Type subfield is 1 and the Grouping subfield is less than 3, Nsc is determined by 0.  If the Feedback Type subfield is 1 and the Grouping subfield is 3, Nsc specifies the number of subcarriers present in the Digital Beamforming Feedback Information field of the Digital BF Feedback element. This field is set to Nsc-1 . |

*Please modify the last row of “*Differential Subcarrier Index*” filed in Table 9-321z as follows:*

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Size** | | **Meaning** |
| **…** | | | |
| Differential Subcarrier Index | Differential subcarrier index scidx(NSC – 2) - scidx(NSC-1) | 3 bits | When the Grouping subfield is 3, this field represents the number of subcarriers between scidx(NSC – 2) and scidx(NSC-1). Otherwise it is not present.  It is set to j to indicate the distance between the scidx(NSC – 2) and scidx(NSC-1) is |