IEEE P802.11
Wireless LANs

|  |
| --- |
| Commnet Resoution II |
| Date: 2017-10-16 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Assaf Kasher | Qualcomm |  |  | akasher@qti.qualcomm.com |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document suggests resolution for CIDs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 257 | 97.00 | 30.2.2 | Table 7, EDMG\_TRN\_LEN Value missing | Add the corresponding text in the Value cell |
| 258 | 97.00 | 30.2.3 | Table 8, RX\_TRN\_PER\_TX\_TRN Value missing | Add the corresponding text in the Value cell |
| 259 | 97.00 | 30.2.4 | Table 9, EDMG\_TRN\_P Value missing | Add the corresponding text in the Value cell |
| 260 | 97.00 | 30.2.5 | Table 10, EDMG\_TRN\_M Value missing | Add the corresponding text in the Value cell |
| 261 | 97.00 | 30.2.6 | Table 11, EDMG\_TRN\_N Value missing | Add the corresponding text in the Value cell |

Resolution: **Reject**

All these comments are resolved in D0.8

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 56 | 96.01 | 30.2.2 | EDMG MCS field is missing | add |
| 57 | 96.01 | 30.2.2 | EDMG length field is missing | add |
| 58 | 96.01 | 30.2.2 | ALL parameters of the Control Trailer are missing | add |
| 59 | 96.01 | 30.2.2 | All Parameters of the Short Sector Sweep packet are mission | add |

Proposed Resolution: **Revise**

**TGay Editor: Add the following fields to the**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| GI-LENGTH | FORMAT is EMDG | Indicates the length of the Guard Interval.Enumerated Type:ShortGiNormalGiLongGi | Y | Y |
| PRIMARY\_CHANEL | FORMAT is EDMG | Indicates the Primary channel number. of the transmission, values are 1-8.  | Y | Y |
| BEAMFORMED | FORMAT is EDMG | Enumerated Type:BeamformedNotBeamformedIf set to Beamformed, indicates the channel estimate smoothing is not recommended. | Y | Y |
| TRN\_AGGREGATION | FORMAT is EDMG | Enumerated Type:WidebandTRN: The BW field specifies that the TRN field of the PPDU is appended on a 2.16 GHz, 4.32 GHz, 6.48 GHz or 8.64 GHz channel. AggregationTRN: The BW field specifies that the TRN field is transmitted over a 2.16+2.16 GHz or 4.32+4.32 GHz channel.This field is reserved if the value of the EDMG TRN Length field is 0. | Y | Y |
| SISO\_NEXT | FORMAT is EDMG | Control Trailer field: Inidicates whether the following transmission from this STA is performed in SISO or MIMO.Enumerated type:NextTxSISONextTxMIMO | Y | Y |
| MU\_MIMO\_NEXT | FORMAT is EDMG | Control Trailer Field: Indicates whether the following transmission from this STA is performed in MU-MIMOEnumerated TypeNextMUMIMONextNotMUMIMO | Y | Y |
| TX\_SECTOR\_ID | FORMAT is EDMG | A set of up to 8 values. Each represents the TX sector the transmitter of the control trailer uses for transmission of the respected spatial stream. This field is reserved if SISO\_NEXT is set to NextTxSISO. | Y | Y |
| TX\_DMG\_ANTENNA\_ID | FORMAT is EDMG | A set of up to 8 values. Each represents the DMG Antenna the transmitter of the control trailer uses for transmission of the respected spatial stream. This is reserved if SISO\_NEXT is set to NextTxSISO. | Y | Y |
| RX\_DMG\_ANTNENNA\_ID | FORMAT is EDMG | A set of up to 8 values. Each represents the DMG Antenna the recient of the control trailer uses for reception of the respected spatial stream. This is reserved if SISO\_NEXT is set to NextTxSISO. | Y | Y |
| IS\_CHANNEL\_NUMBER | FORMAT is EDMG | Indicates whether the value in the BW subfield represents a channel width or a channel number. Enumerated TypeChannelWidthChannelNumber. | Y | Y |
| DIRECTION | FORMAT is EDMG | SSSW Field Inidicates the direction of transmission of the sector sweepEnumerated type:Initiator: indicates the frame is transmitted by the beamforming initiatorResponder: indicates the frame is transmitted by the beamforming responder | Y | Y |
| ADDRESSING\_MODE | FORMAT is EDMG | Destination AID interpretation:Enumerated type:IndividualAddr: The destination AID field contains an individual address.GroupAddr: The destination AID field contains a group address | Y | Y |
| SOURCE\_AID | FORMAT is EDMG | When the DIRECTION is set to Initiator, contains the AID of the STA that transmits the Short SSW packet, except if the transmitting STA is a PCP or an AP in which case this field contains the BSS AID (see 9.4.2.251) or the transmitting STA is not associated to intended recipient in which case this field contains a random value in the range of 0 to 255. When the DIRECTION is set to Responder, contains the AID of the STA that transmits the Short SSW packet, except if the transmitting STA is a PCP or an AP in which case this field contains the BSS AID (see 9.4.2.251) or the transmitting STA is not associated to the intended recipient in which case this field contains the value contained in the Source AID field in the received Short SSW packet during the preceding ISS | Y | Y |
| DESTINATION AID | FORMAT is EDMG | When the DIRECTION is set to Initiator, contains the AID of the STA addressed by the Short SSW packet, except if the addressed STA is a PCP or an AP in which case this field contains the BSS AID (see 9.4.2.251) or the transmitting STA is not associated to the intended recipient in which case this field contains a random value in the range of 0 to 255. When the DIRECTION is set to Responder, contains the AID of the STA that transmits the Short SSW packet, except if the transmitting STA is a PCP or an AP in which case this field contains the BSS AID (see 9.4.2.251) or the transmitting STA is not associated to the intended recipient in which case this field contains the value contained in the Destination AID field in the received Short SSW packet during the preceding ISS. | Y | Y |
| CDOWN | FORMAT is EDMG | A down-counter indicating the number of remaining Short SSW packet transmissions and LBIFSs to the end of the TXSS/RXSS across all antennas. This field is set to 0 in the last Short SSW packet transmission. | Y | Y |
| RF\_CHAIN\_ID | FORMAT is EDMG | Identifies the transmit chain currently being used for the transmission. Can take the values 1-8 | Y | Y |
| BSSID | FORMAT is EDMG | This field contains the BSSID | Y | Y |
| UNASSOCAIATED | FORMAT is EDMG | Indicates whether the transmitting STA is associated to the intended recipient.Enumerated type:Associated: if the transmitting STA is associated to the intended recipient.Unassociated: if the transmitting STA is not associated to the intended recipient | Y | Y |
| SETUP\_DURATION | FORMAT is EDMG | Specifies the duration, in microseconds, of the setup subphase that starts following the Short SSW packet transmission with CDOWN field equal to 0. | Y | Y |
| SHORT\_SSW\_FEEDBACK | FORMAT is EDMG | When the DIRECTION is set to Responder, contains the value of the CDOWN field of the Short SSW packet that was received with best quality in the immediately preceding sector sweep. The determination of which packet was received with best quality is implementation dependent. | Y | Y |