IEEE P802.11
Wireless LANs

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| CID 5187 Comment Resolution |
| Date: 2015-05-14 |
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Abstract

This contribution addresses CID 5187.

It uses Draft 4.0 as a baseline.

***Revision history:***

***v0 :*** Initial submission for CID 5187.

 ***Pertinent Comment :***

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| --- | --- | --- | --- | --- | --- | --- | --- |
| ***CID*** | ***Draft*** | ***Clause Number*** | ***Page***  | ***Line*** | ***Type of Comment*** | ***Comment*** | ***Proposed Change*** |
| 5187 | 4 | 10.24.6.3 | 1736 | 58 | T | When the initiating STA requests "no preference" for FTMs per Burst and Burst Duration is not set to a value of 15, it means the responding STA should try to meet its Burst Duration request subject the responding STA's retransmission policy. Similarly, when the initiating STA requests "no preference" for Burst Duration and does not request a value of 0 for FTMs per Burst, it means the responding STA should meet the FTMs per Burst request. | As in comment |

***NOTE TO EDITOR* : *Please make the changes shown in red.***

**Clause 10.24.6.3 (Fine timing measurement procedure negotiation)**

If the request was successful

— If the responding STA is ASAP capable, the responding STA’s selection of ASAP should be the

same as that requested by the initiating STA.

— The responding STA’s selection of the Min Delta FTM field value shall be greater than or equal to the

~~corresponding~~ value requested by the initiating STA.

— The responding STA's selection of the Number of Bursts Exponent field value shall be 0 ~~when~~ if the

initiating STA ~~requests~~ requested it to be 0.

— The responding STA's selection of the Burst Duration field value should be less than or equal to the one requested by the initiating STA if the requested FTMs per Burst field value is set to a value indicating no preference, subject the recommendations below and the responding STA’s policy on the maximum and minimum Burst Duration field values.

If Number of Bursts Exponent field is set to 0 and ASAP field is set to 1, the Burst Duration field value should be set to indicate a value greater than or equal to the value in Equation (xx-yy).

 (xx-yy)

where

*V* is set to the value of FTMs per Burst x (*K*+1),

*K* is the maximum number of Fine Timing Measurement frame retransmissions the responding STA might attempt,

*TMDFTM* is the duration indicated by the Min Delta FTM field of the Fine Timing Measurement Parameters field of FTM\_1,

*TFTM*is the duration of the initial Fine Timing Measurement frame if the FTMs per Burst field of the Fine Timing Measurement Parameters field of FTM\_1 is set to 1, and the duration of the non initial Fine Timing Measurement frame otherwise,

*TAck* is the duration of the Ack frame expected as a response.

Otherwise, the Burst Duration field value should be set to indicate a value greater than or equal to the value in Equation (xx-zz).

 (xx-zz)

where

*TFTMR*is the duration of the FTM trigger frame,

*TACCESS\_FTM*is the estimated medium access time for the first FTM frame in a burst.

— The responding STA's selection of FTMs per Burst field value should be the same as the one requested by the initiating STA if the requested Burst Duration field value is set to a value indicating no preference (see Table 8-246 Burst Duration field encoding), subject to the responding STA’s policy on the maximum FTMs per Burst field value.