

Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: [Comment resolution for CTA and TU resolution]

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Re: [In response to TG3c comments (IEEE P802.15-08-0020-05-003c)]

Abstract: [Comment resolutions]

Purpose: [To be considered in TG3C baseline document.]

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Comment #58

- Comment
 - Do we need higher resolution for the CTA timing and/or the TUs in channel time request
- Answer
 - For CTA timing, higher resolution is not needed. (keeping 1us resolution)
 - For TU resolution, keep 1us resolution as well
 - It is suggested to add one sentence at the end of section 8.4.3.7 (802.15.3) saying “ It is recommended to use the calculation method as defined in Figure 113 for better CTA efficiency” to clarify the usage of TU calculation

TU calculation method defined in 802.15.3

TU calculation based on **multiple** frames

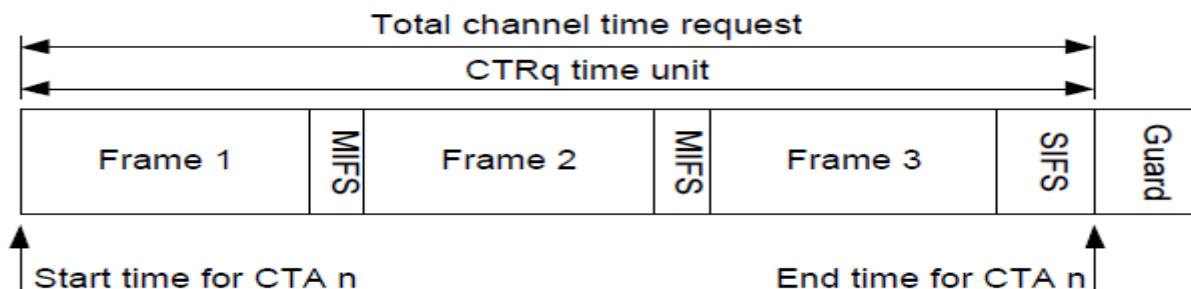


Figure 113—CTRq TU covering multiple frames

TU calculation based on **single** frame

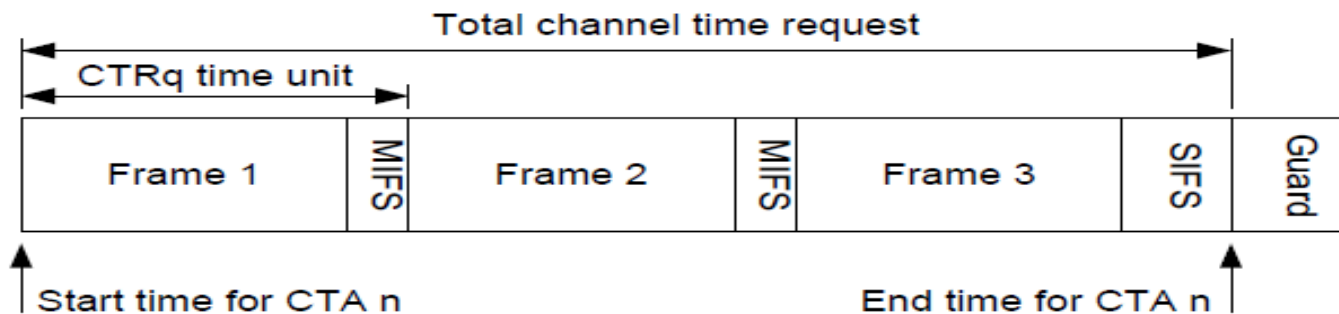


Figure 112—Channel time request with no ACKs