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| Abstract | Missing frame index in CDMA_Alloc_IE in OFDMA PHY |
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Missing frame index in CDMA_Alloc_IE in OFDMA PHY

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1. Motivation

In OFDMA PHY there is no frame index in CDMA Alloc IE. The fact there is no frame index can be interpreted in two ways, and they are not specified in the standard:

- a. the allocation always appears in the next frame after code detection - the consequence is a scheduling limitation on the BS,
- b. the allocation may pertain to CDMA transmission in unspecified number of frames in the past. In this case the collision probability is enlarged.

In OFDM PHY, frame index appears; for example in 8.3.6.3.2 UL-MAP focused contention IE format , to identify the frame in which the relevant contention transmission was detected.

2. Changes summary

Add the following text (between BEGIN and END) in the correct section order:

BEGIN

8.4.5.4.3 CDMA allocation UL-MAP IE format

[add the following line to table 288, after "Repetition Coding Indication"]:

"Frame Number Index | 4 bits | LSBs of relevant FNUM"

[add the following text in p.537, line 20]:

"Frame Number Index

Identifies the frame in which the CDMA code, which this message responds to, was transmitted. The 4 least significant bits of the frame number are used as the frame number index."

END