

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

Submission Title: [Preamble, dimming and flicker at VPPM mode]

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Re: [Response to LB50 comments]

Abstract: [This document describes about preamble, dimming and flicker at VPPM mode]

Purpose: [Propose to]

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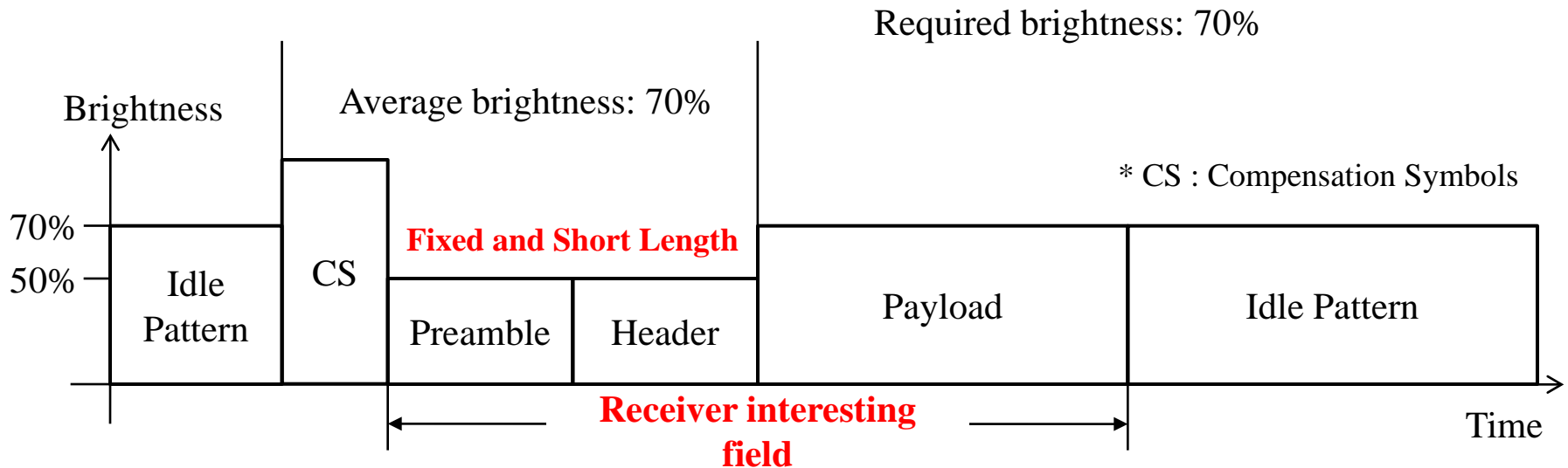
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Dimming method



No more information for compensation symbols is required to PHY header or any field.

Frame time calculation for VPPM mode at PHY 1

| Parameters | size | RS code | Interleave & puncture | Conv code | modulation | Clock rate | Total time |
|---------------------------------------|--------|----------|--------------------------|--------------|------------|---------------|---------------|
| | (bits) | RS(15,2) | | 1 | VPPM-4B6B | 400,000 | (ms) |
| PHY I | | | | | | | |
| Fast locking pattern (not encoded) | 64 | 64 | 64 | 64 | 64 | | 0.16 |
| TDP (not encoded) | 60 | 60 | 60 | 60 | 60 | | 0.15 |
| PHY header (raw) | 48 | 360 | 360 | 360 | 540 | | 1.35 |
| | | | | | | total | 1.66 |