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4  | DATE: Feb/1/2019                 |
5  | NAME: Thuyen Dinh                 |
6  | COMPANY/AFFILIATION: Pulse Electronics, Inc. |
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8  |                                     |
9  | REQUESTED REVISION: 1             |
10 |   STANDARD: 802.3bq                 |
11 |   CLAUSE NUMBER: 113.7.3.1.1       |
12 |   CLAUSE TITLE: Multiple disturber power sum alien near-end crosstalk |
13 |             (PSANEXT) loss          |
14 | PROPOSED REVISION TEXT:            |
15 | Replace the 2-line equation 113-28 with only one: |
16 | PSANEXT(f) = 85 - 15*log(f/100) from 1MHz to 2000MHz*S |
17 | Where f is frequency in MHz        |
18 | When Equation 113-28 values are greater than 75dB, they revert to 75dB |
19 |                                     |
20 | This single equation would result in the same limit line as specified |
21 | by current set of equations.        |
22 |                                     |
23 |                                     |
24 |                                     |
25 |                                     |
26 | RATIONALE FOR REVISION:            |
27 | Current equation 113-28: 85 - 10*log10(f/100) will always produce a |
28 | value larger than 75dB, which will be reverted to 75dB anyway. |
29 | The second part of the equation also yields values greater than 75dB |
30 | for frequencies below 464MHz.       |
31 |                                     |
32 |                                     |
33 | IMPACT ON EXISTING NETWORKS:       |
34 | None. This is basically editorial change. |
35 |                                     |
36 |                                     |
37 |                                     |
38 |                                     |
39 | +-----+
40 | |Please attach supporting material, if any |
41 | |Submit to:- David Law, Chair IEEE 802.3 |
42 | |and copy:- Adam Healey, Vice-Chair IEEE 802.3 |
43 | |                                     |
44 | |At:- E-Mail: stds-802-3-maint-req@ieee.org |
45 | |                                     |
46 | |                                     |
47 | | +----- For official use -----+ |
48 | | REV REQ NUMBER: 1334 |
49 | | DATE RECEIVED: 1 February 2019 |
50 | | EDITORIAL/TECHNICAL |
51 | | ACCEPTED/DENIED |
52 | | BALLOT REQ'D YES/NO |
53 | | COMMENTS: |
54 | | For information about this Revision Request see - |
55 | | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1334 |
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