
**Comments#71 and #72
IEEE P802.3cg/D1.1**

Rosemont, IL

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Purpose

- Provide RL measurements and recommendations for Comment#71 and Comment#72

Cl 146 *SC* 146.7.1.2 *P* 114 *L* 49 # 71

Schicketanz, Dieter Reutlingen University

Comment Type **T** *Comment Status* **D** *Link Segment*

Editors note:

SuggestedRemedy

If agreed match values below 1 MHz to: 15 dB down to 0.6 MHz; 9+10f from .1 to .6 MHz

Proposed Response *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.
See presentation diminico_01_0318.pdf for response.

Cl 146 *SC* 146.7.1.2 *P* 114 *L* 49 # 72

Schicketanz, Dieter Reutlingen University

Comment Type **T** *Comment Status* **D** *Link Segment*

Editors note:

SuggestedRemedy

If not agreed the comment presented for draft 1.0 should be adaptet to change RI between 10 to 20 MHz from 19 to 24-5log(f)

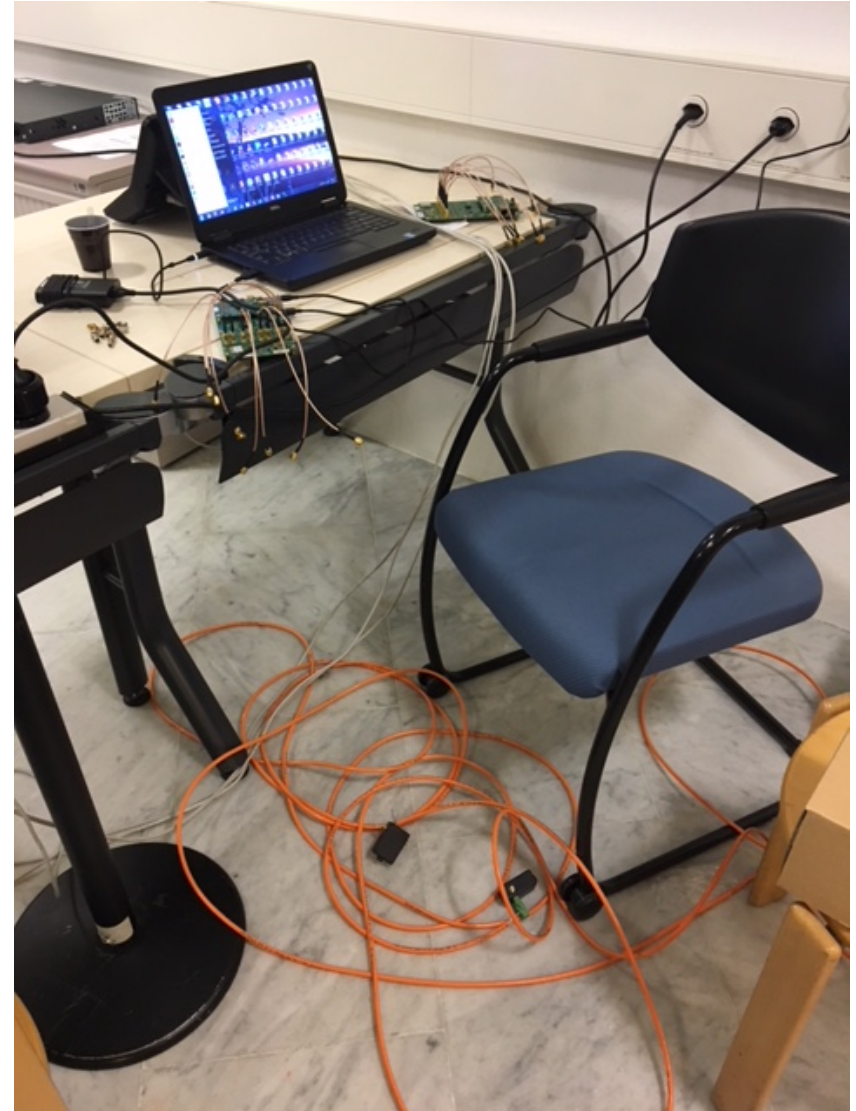
Proposed Response *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.
See presentation diminico_01_0318.pdf for response.

Contributors

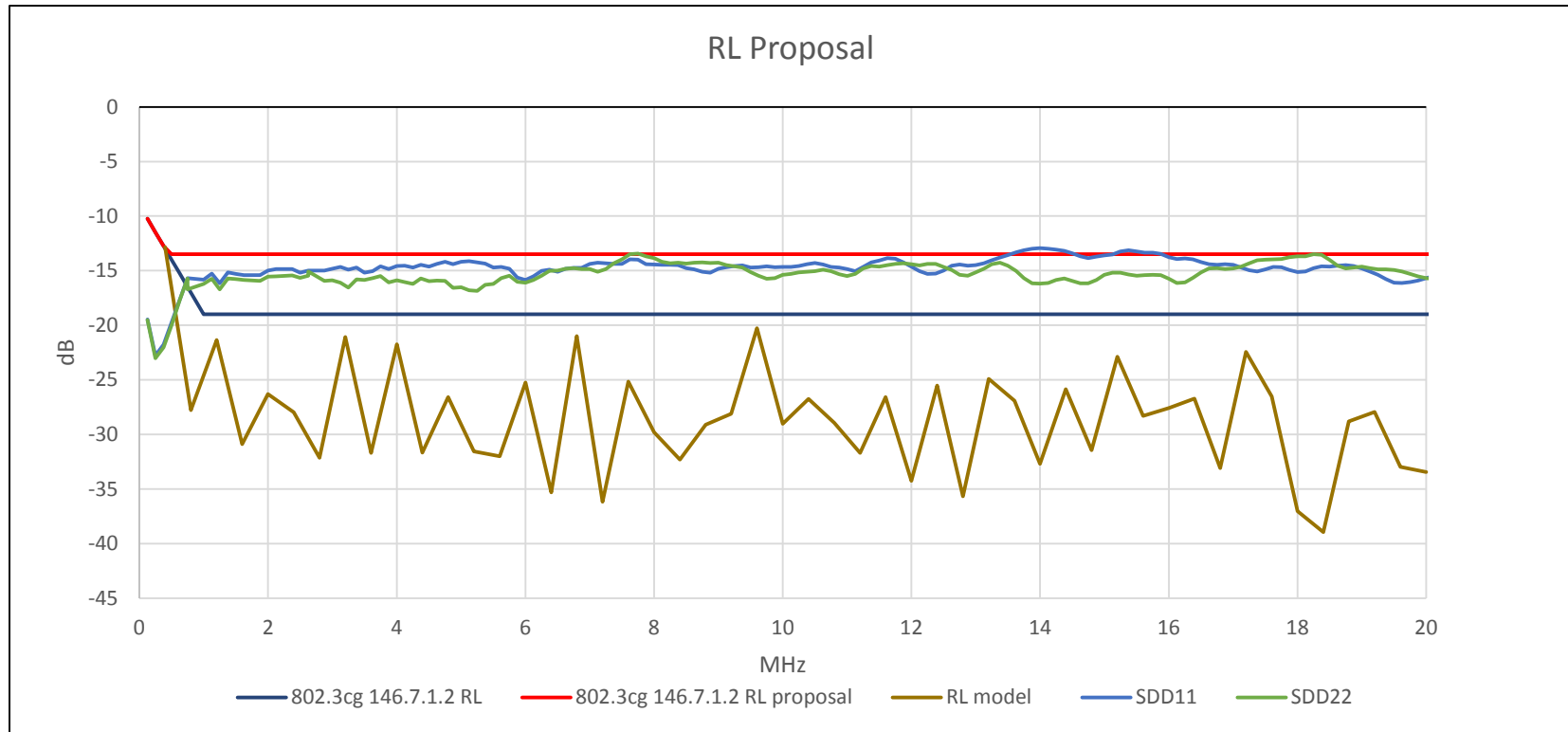
- **Steffen Graber – P+F**
- **Arvind Patel – AEM**

Reference



10 Mb/s Single Twisted Pair Ethernet Task Force

RL Proposal



$$\text{Return Loss} \geq \begin{cases} 9 + 9 \times f \text{ dB} & 0.1 \leq f < .5 \text{ MHz} \\ 13.5 & .5 \leq f \leq 20 \text{ MHz} \end{cases} \text{ dB} \quad (146-11)$$

where

f is the frequency in MHz; $0.1 \leq f \leq 20$