



**Rosenberger**

802.3ch coupling attenuation graph fix

Thomas Müller

24th of May 2018

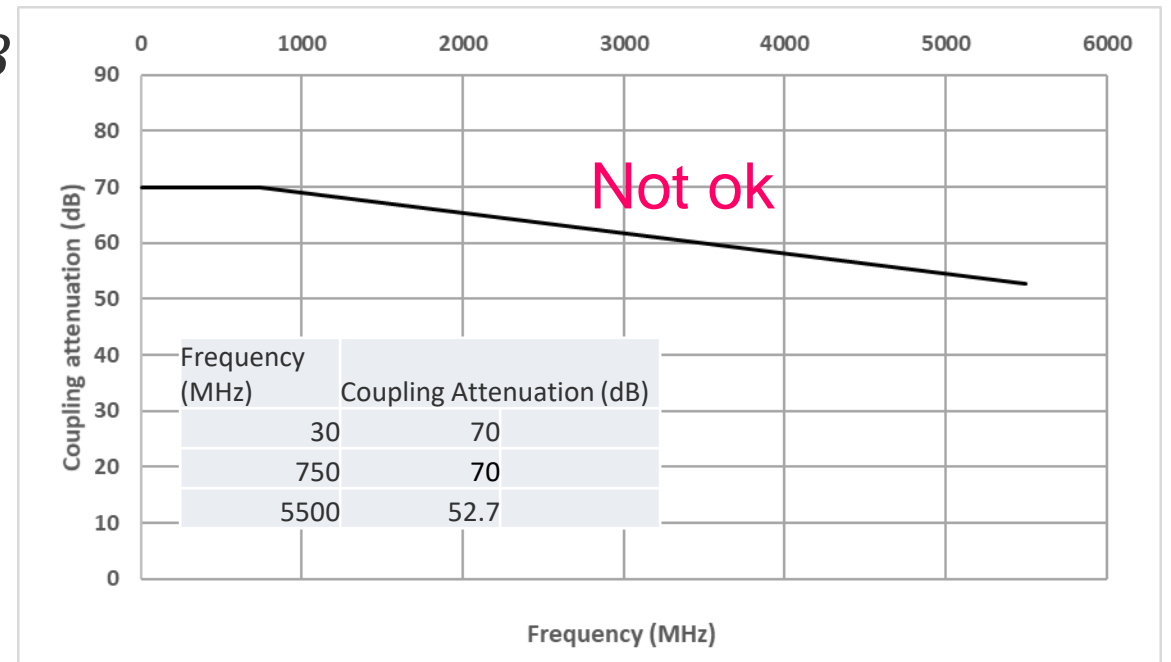
# 802.3ch channel performance

## Channel coupling attenuation proposal

- Graph in mueller\_3ch\_channel\_02a\_0518.pdf doesn't correctly represent the formula voted on.
- Graph must be linear between 750 MHz and 5500 MHz when x-axis is in log scale, not linear scale.
- Formula and table are ok

$$\begin{pmatrix} 70 & 30 \leq f < 750 \\ 50 - 20\log(f/7500) & 750 \leq f \leq 5500 \end{pmatrix} dB$$

$30 \leq f \leq 5500$  frequency  $f$  in MHz



# 802.3ch channel performance

## Channel coupling attenuation proposal

- Here are the fixed graphs either in log or in linear scale on x-axis

$$\left( \begin{array}{ll} 70 & 30 \leq f < 750 \\ 50 - 20\log(f/7500) & 750 \leq f \leq 5500 \end{array} \right) dB$$

$30 \leq f \leq 5500$  frequency  $f$  in MHz

