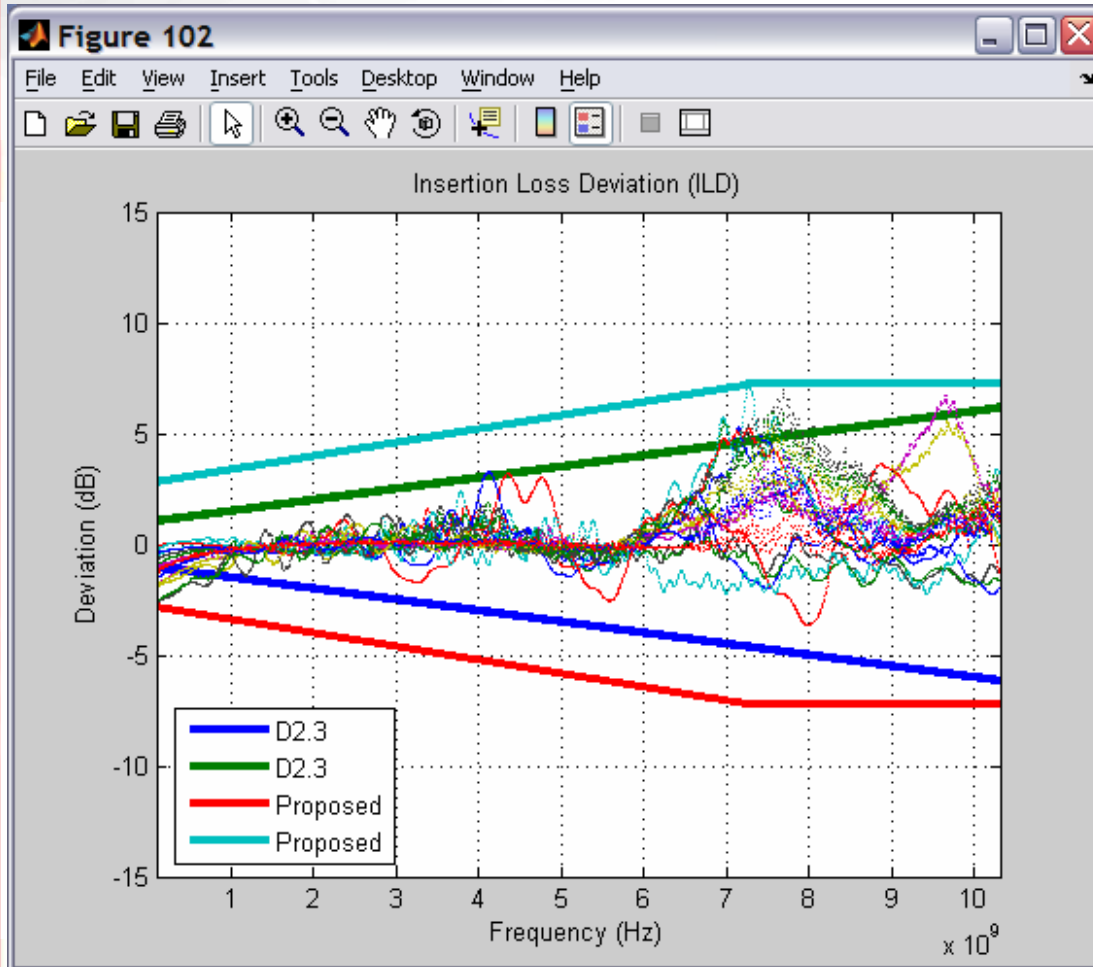




# **ILD Proposal**

**Howard Baumer**  
**05-Mar-2006**

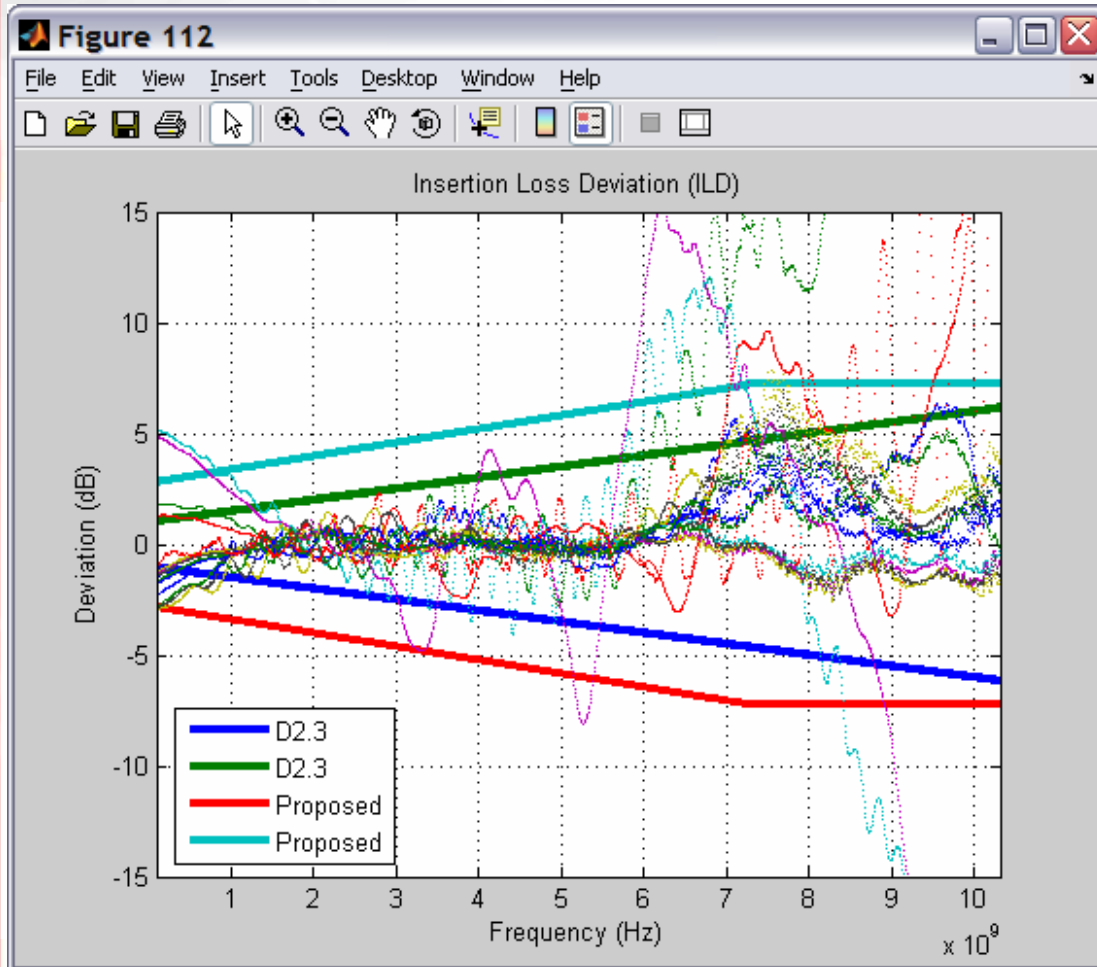
# Insertion Loss Deviation (ILD)



Passing Channels

$$100\text{MHz} \leq f \leq 7.25\text{GHz}$$
$$-2.77 - 6.11 \cdot 10^{-10} \cdot f \leq \text{ILD}(f)$$
$$\text{ILD}(f) \leq 2.77 + 6.11 \cdot 10^{-10} \cdot f$$
$$7.25\text{GHz} < f \leq 10.3125\text{GHz}$$
$$-7.2 \leq \text{ILD}(f) \leq 7.2$$

# Insertion Loss Deviation (ILD)



Failing Channels

$$100\text{MHz} \leq f \leq 7.25\text{GHz}$$

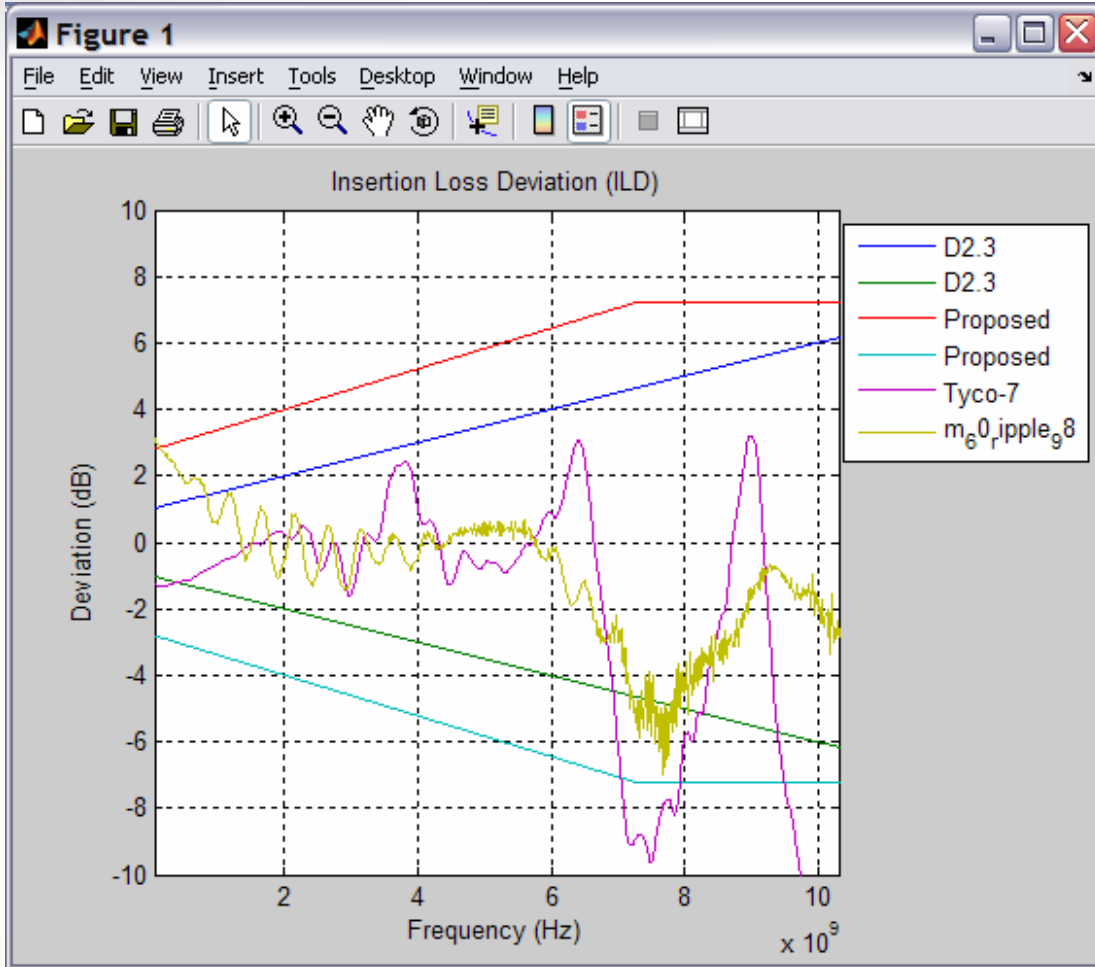
$$-2.77 - 6.11 \cdot 10^{-10} \cdot f \leq \text{ILD}(f)$$

$$\text{ILD}(f) \leq 2.77 + 6.11 \cdot 10^{-10} \cdot f$$

$$7.25\text{GHz} < f \leq 10.3125\text{GHz}$$

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# Insertion Loss Deviation (ILD)



Tyco case-7 & m\_60\_ripple\_98

$$100\text{MHz} \leq f \leq 7.25\text{GHz}$$

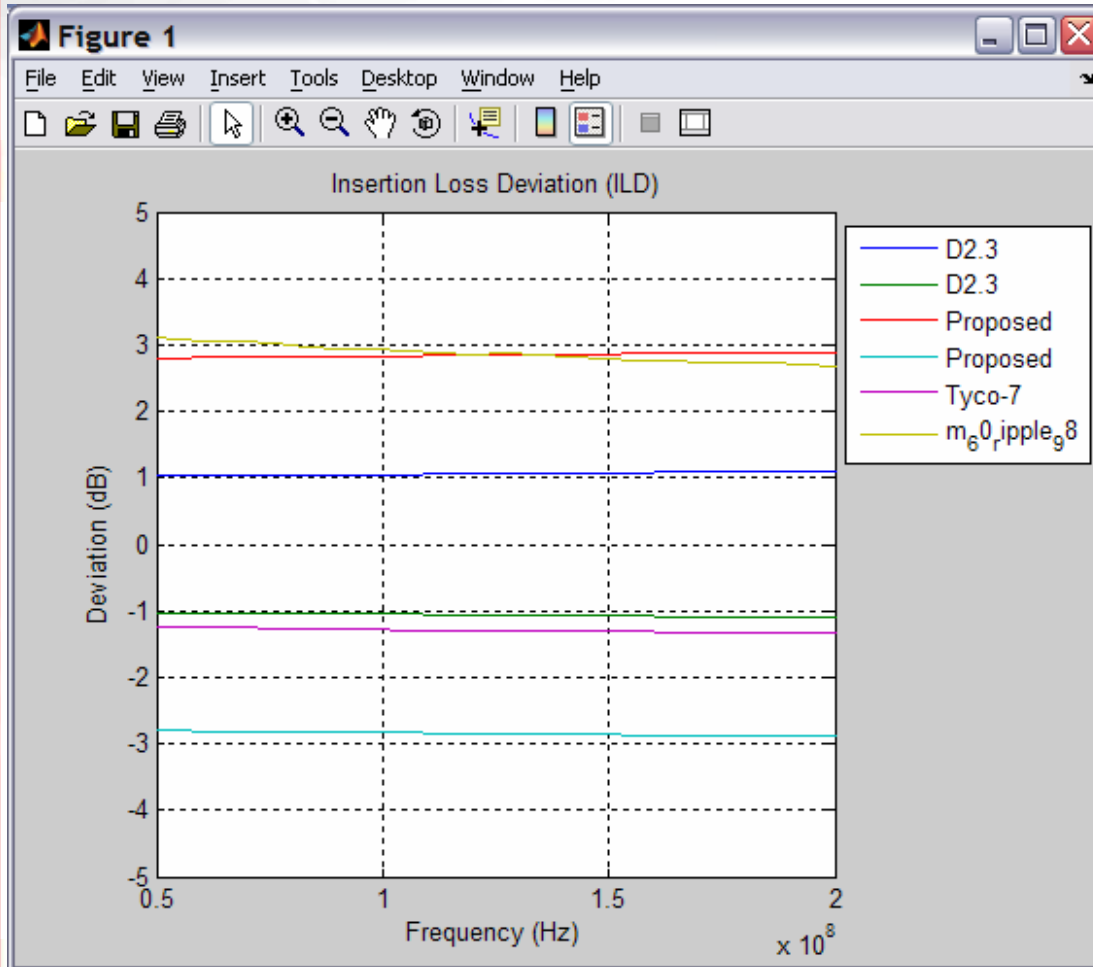
$$-2.77 - 6.11 \cdot 10^{-10} \cdot f \leq \text{ILD}(f)$$

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