

Proposed Verbiage for IEEE 802.3ap Draft 2.0 Comments #128  
**Modified dambrosia\_02\_0905.doc**  
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**Proposed verbiage for resolution to Comment#128**

After Equation 69-19, add the following:

“The  $ICR_{LOGFIT}$  is defined to be the least mean square fit of the ICR with frequency plotted in natural log scale, and is defined by Equations (69-20) through (69-25).

$$f_{avg} = \frac{1}{N} \sum_n f_n \quad \text{Equation 69-20}$$

$$ICR_{avg} = \frac{1}{N} \sum_n ICR(f_n) \quad \text{Equation 69-21}$$

$$m = \frac{\sum_n (\ln(f)_n - \ln(f_{avg})) (ICR(f_n) - ICR_{avg})}{\sum_n (\ln(f)_n - \ln(f_{avg}))^2} \quad \text{Equation 69-23}$$

$$b = ICR_{avg} - m \ln(f_{avg}) \quad \text{Equation 69-24}$$

$$ICR_{LOGFIT}(f) = m \ln(f) + b \quad \text{Equation 69-25}$$

“The  $ICR_{LOGFIT}$  at the receiver (in dB with f in Hz) is recommended to be at least:”

$$ICR_{LOGFIT}(f) \geq 12.5 - 20 * \log\left(\frac{f}{5GHz}\right)$$

## Example:

