

IEEE P802.3cw EVM Ad hoc Report

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- The EVM ad hoc met on 23 February.
 - https://www.ieee802.org/3/cw/public/adhoc/22_0223/index.html
- The ad hoc reviewed a presentation from Jeff Rahn and Elaine Chou titled “Measurement Metrics for Interoperable Transmitters” which contained updated data from an earlier presentation
 - https://www.ieee802.org/3/cw/public/adhoc/22_0223/rahn_3cw_01a_220223.pdf
- There seemed to be general agreement that
 - The testing did not provide insight on the TX performance variation related to EVM
 - A lumped TQM (e.g. EVM) would be the preferred approach to support scaling to high volume deployments and allowing tradeoff of individual parameters to meet the desired performance.
 - Any approach driven for a TQM would require the definition of a reference receiver for the measurement.
 - Additional EVM data is required and that individuals who have access to the “insides” of a module are in the best position to provide such data.

Thanks!