Channel Operating Margin (COM) Code Commit Request Summary – 15 May 2025

Kent Lusted, Synopsys,

IEEE 802.3 COM Ad Hoc Chair

List of Commit Requests (1/2)

Commit Request #	Submitter	Description	Proposed Disposition
4p8_1	Hossein Shakiba	Request 4p8_1: Correction in Implementation of Equation 187A-42 in D1.4 in the COM Matlab Code	
4p8_2	Hossein Shakiba	Request 4p8_2: How to Handle negative 'delta COM' in the COM Matlab Code	
4p8_3	Hossein Shakiba	Request 4p8_3: Correction to Calculation of 'g_an', Scale Factor for Added Noise	
4p8_4	Hossein Shakiba	Request 4p8_4: Adding an Independent Parameter in COM Configuration for the Receiver Impairment Target	
4p8_5	Hossein Shakiba	Request 4p8_5: Improving COM Simulation Run Time in the Presence of Quantization Noise	

List of Commit Requests (2/2)

Commit Request #	Submitter	Description	Proposed Disposition
4p8_6	Adam Gregory	Request 4p8_6: Optimize FOM Reduction	
4p8_7	Rich Mellitz	Request 4p8_7: SNDR (REF) commit request	
4p8_8	Rich Mellitz	Request 4p8_8: SNR MDNEXT commit request	
4p8_9	Adam Gregory	Request 4p8_9: MMSE FOM Speed Up commit request	

Thanks!