

Recommendation for Value for SNDR in Table 94-13 and SNR_{tx} in Table 94-17 in reference to comments r01-33, r01-28, r01-54

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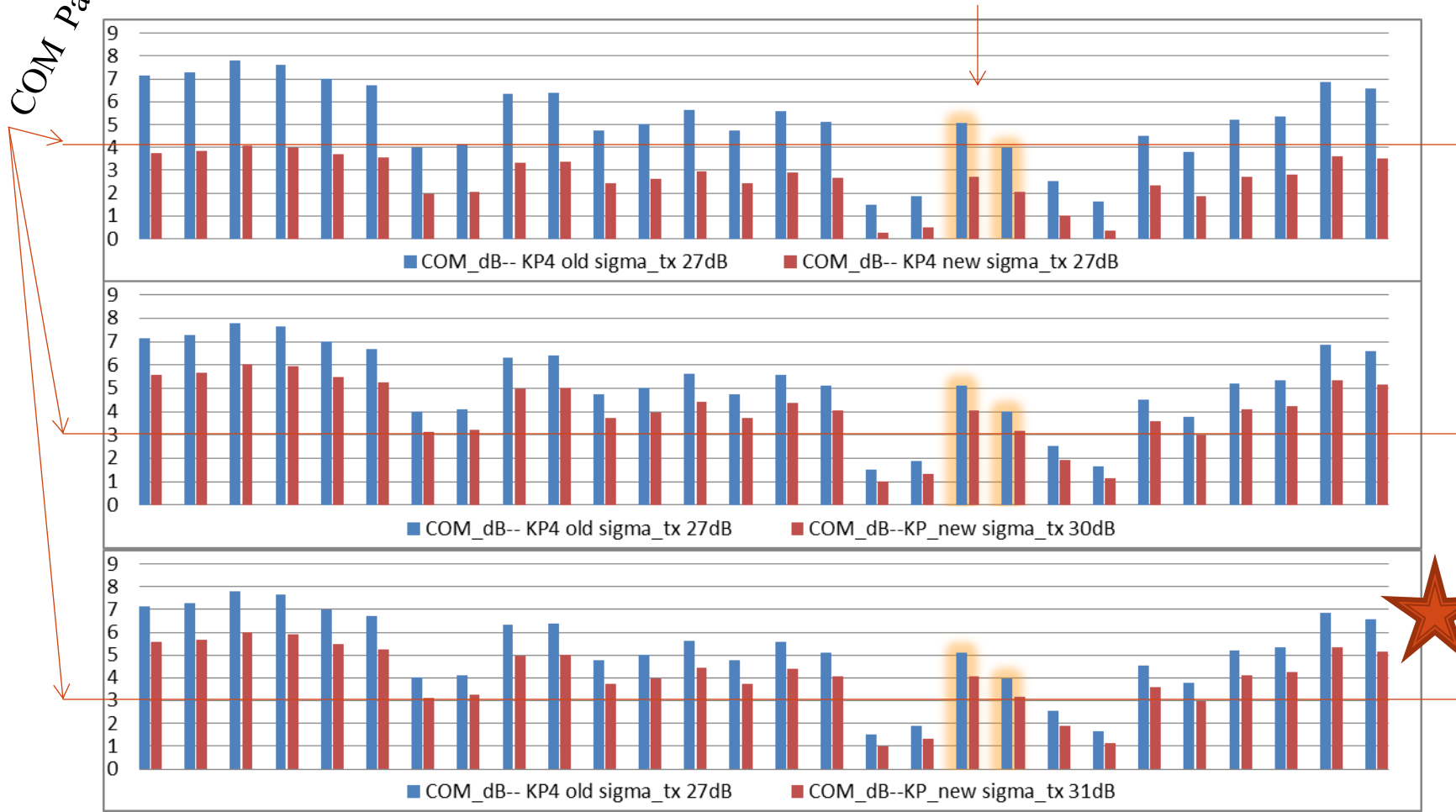
Impact of proposed changes to COM calculation for σ_{TX}^2 for clause 94 (KP4)

- Keeping SNR_{TX} (SNDR) at 27dB will make it more difficult to design receivers.
- Moving SNR_{TX} (SNDR) to 36.54dB will have little affect on receiver design but makes it more difficult to design transmitters.
- Recommended value is 31 dB which splits the impact between transmitter and receiver
 - For published channels there is no change in pass/fail. (See following Graphs)

KP4 COM Calculation Comparison with SNR_{tx} options

33dB IL at 7GHz channel

COM Pass/Fail



KP4 COM Calculation Comparison with SNR_{tx} options

33dB IL at 7GHz channel

