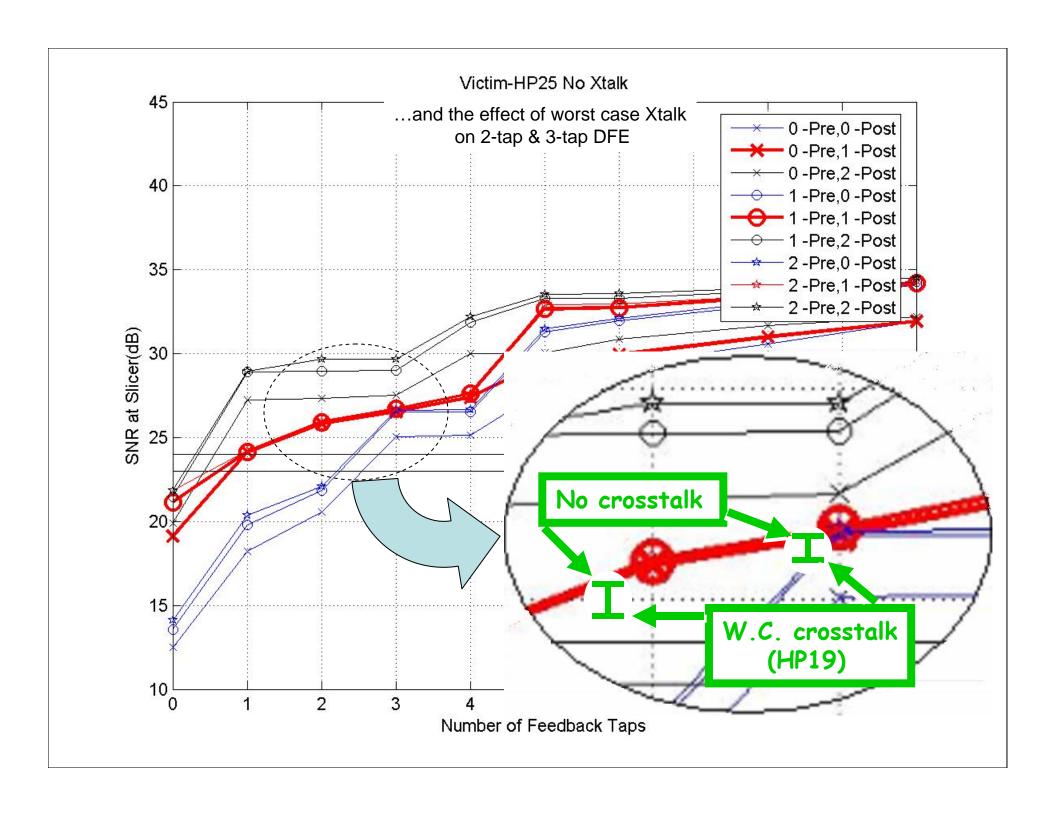
## Effect of Crosstalk on HP25 SNR Margin

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## Summary

- HP25 was re-simulated with aggressors HP15-18 (power summed) & HP19
- HP19 (the worst case) depressed SNR at the slicer by only  $\frac{3}{4}$  dB for 2-tap DFE and  $\frac{1}{2}$  dB for 3-tap DFE
- SNR of a 2-tap reference DFE after worst case channel (HP25) with worst case Xtalk (HP19) is 24.36 dB, guaranteeing <10<sup>-15</sup> BER