Ad hoc Discussion Summary

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IEEE P802.3cw Optical Crosstalk Ad hoc

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Discussion of two proposals

Aspect	Zhang	Maniloff

Tx	1. No explicit spectral mask specification
	    1. Ad hoc Disagreement – Some feel implicit in crosstalk additive noise specification
	2. Specification based on operating margin through reference transmitter center channel with reference rx
	3. Uses Tx Power Deltas that have been adopted (need to review where they came from)
	    1. Is this sufficient?
		1. Spectral mask
		2. Tx Power Deltas need to be specified
		    1. Channel power variations are included in proposal (captured as part of black link transfer function)

Channel	agreement	
Rx	Receiver must be capable of meeting performance of reference receiver (stressed receiver text)	Rx must be designed to support worst case defined conditions @ TP3

Strawpoll text

- I favor the optical crosstalk specification methodology approach proposed by
    - Zhang   1
    - Maniloff   11
    - Undecided   1