

# COMPLIANCE CHECK FOR UPLOADED TEC CHANNELS

## Against IEEE802.3bj Draft1.2

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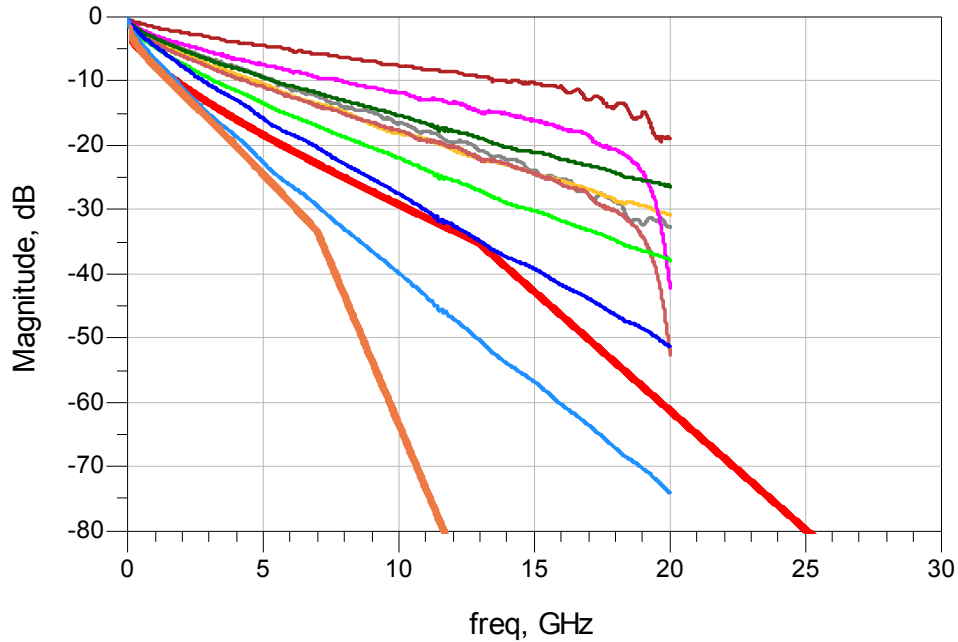
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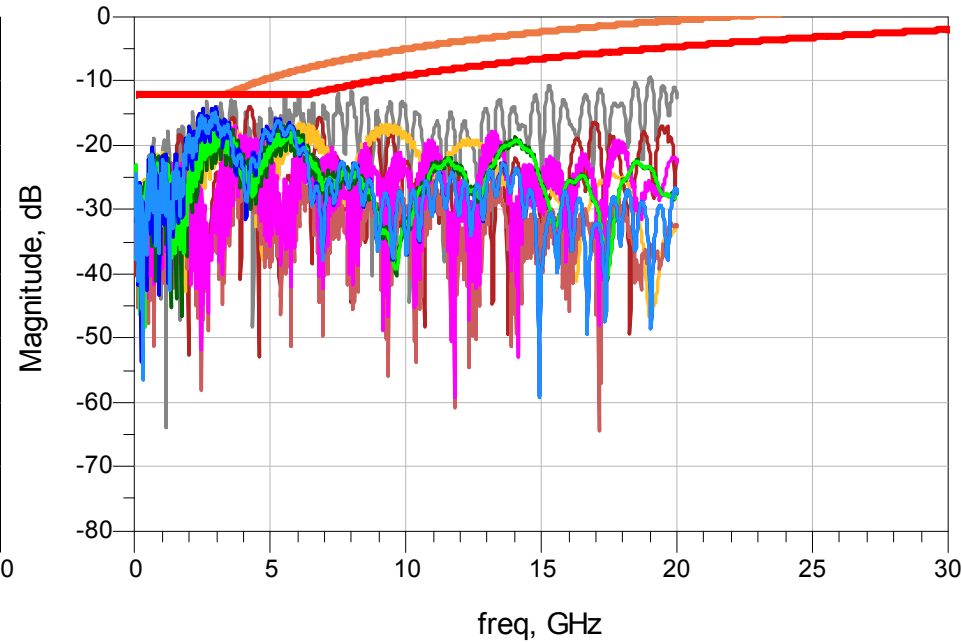
# UPLOADED CHANNELS

## IL/RL Compliance Check

IL



RL



shanbhag\_01\_0511\_TEC\_Whisper27in\_05112011

shanbhag\_02\_0411\_TEC\_STRADAWhisper29p8in\_Meg6\_Channel\_IEEE802\_3\_100GbCu\_04282011

shanbhag\_02\_0411\_TEC\_STRADAWhisper29p8in\_Nelco6\_Channel\_IEEE802\_3\_100GbCu\_04282011

shanbhag\_02\_0411\_TEC\_STRADAWhisper42p8in\_Meg6\_Channel\_IEEE802\_3\_100GbCu\_04282011

shanbhag\_02\_0411\_TEC\_STRADAWhisper42p8in\_Nelco6\_Channel\_IEEE802\_3\_100GbCu\_04282011

shanbhag\_01a\_0711\_TEC\_WhisperCabled\_1meterCbl\_5inDC\_07132011

shanbhag\_01a\_0711\_TEC\_WhisperCabled\_1meterCbl\_10inDC\_07132011

shanbhag\_01a\_0711\_TEC\_WhisperOrtho\_07112011

shanbhag\_01a\_0711\_TEC\_WhisperStd\_17inBP\_5inDC\_07112011

**IEEE 802.3bj 100GBASE-KR4 Limit..802.3bj Draft 1.2**

**IEEE 802.3bj 100GBASE-KP4 Limit..802.3bj Draft 1.2**

# UPLOADED CHANNELS

## COM Calculation (using com2l\_r106)

#	Contribution	Channel Set	NRZ		PAM4***
			Without FEC*	With FEC**	
1	shanbhag_01_0511	TEC_Whisper27in_05112011	4.57	7.46	5.91
2	shanbhag_02_0411	TEC_STRADAWhisper29p8in_Meg6_Channel_IEEE802_3_100GbCu_04282011	7.00	9.92	7.98
3		TEC_STRADAWhisper29p8in_Nelco6_Channel_IEEE802_3_100GbCu_04282011	1.42	5.12	5.45
4		TEC_STRADAWhisper42p8in_Meg6_Channel_IEEE802_3_100GbCu_04282011	4.15	7.42	6.50
5		TEC_STRADAWhisper42p8in_Nelco6_Channel_IEEE802_3_100GbCu_04282011	-7.02	-2.89	0.53
6		TEC_WhisperCabled_1meterCbl_5inDC_07132011	7.11	9.85	7.93
7	shanbhag_01a_0711	TEC_WhisperCabled_1meterCbl_10inDC_07132011	6.27	9.41	8.28
8		TEC_WhisperOrtho_07112011	7.83	10.15	6.40
9		TEC_WhisperStd_17inBP_5inDC_07112011	4.66	7.67	8.11

- The parameter settings were left at default as provided in config\_COM2L\_106.xls

Only the Coding/Port Type was changed to be either,

\* NRZ Clause 93 d1.2

\*\* NRZ/FEC Clause 93 d1.2

\*\*\* PAM4 Clause 94 d.1.2

- 8 Total Crosstalk aggressors were included for each channel. Please refer corresponding .csv file for details.