

Values needed for 1000BASE-KX

Table	Details	Comment	Suggested
70-4	Diff p2p output voltage output voltage with TX enabled (V_{TW})	TX	800mV
70-4	Differential peak-to-peak output voltage (max.) with TX disabled (V_{TQ})	TX	30mV
70-4	Transmitter deactivation time from active (T_{TD}) to EEE	TX	500ns
70-4	Transmitter activation time from EEE quiet mode (T_{TA})	TX	500ns
70-6	Diff input p2p amplitude (min.) to assert Signal_Detect (V_{SA})	RX	
70-6	Diff p2p output amplitude to de-assert signal detect (V_{SD})	RX	
70-6	Transmitter deactivation time from active to quiet (T_{SD})	RX	2us
	Transmitter activation time from EEE quiet to active (T_{SA})	RX	2us

- Put values into definitions in 70.6.5

Values needed for 10GBASE-KX4

Clause	Page	Table	Details	Comment	Suggested
71	211	71-4	Diff p2p voltage (min) with TX enabled (V_{TV})	TX	800mV
71			Differential p2p voltage (max.) with TX disabled (V_{TQ})	TX	30mV
			Transmitter deactivation time from active (T_{TD})	TX	500ns
			Tx activation time from EEE quiet mode (T_{TA})	TX	500ns
71	212	71-6	Diff input p2p amplitude to assert Signal_Detect (V_{SA})	RX	
			Diff input p2p amplitude to deassert Signal_Detect (V_{SD})	RX	
			Signal Detect deactivation time from active to quiet (T_{SD})	RX	2us
			Signal Detect activation time from EEE quiet mode (T_{SA})	RX	2us

- Put values into definitions in 71.6.6

Values needed for 10GBASE-KR

Clause	Page	Table	Details	Comment	Suggested
72	226	72-6	Diff p2p voltage (min) with TX enabled (V_{TW})	TX	90%* mV
			Differential p2p voltage (max.) with TX disabled (V_{TQ})	TX	30mV
			Transmitter deactivation time from active (T_{TD})	TX	500ns
			Tx activation time from EEE quiet mode (T_{TA})	TX	500ns
72	227	72-9	Diff input p2p amplitude to assert Sense Signal (V_{SA})	RX	
			Diff input p2p amplitude to deassert Sense Signal (V_{SD})	RX	
			Signal Detect deactivation time from active to quiet (T_{SD})	RX	2us
			Signal Detect activation time from EEE quiet mode (T_{SA})	RX	2us

- **90% of the peak-to-peak transmitter output voltage during the active state.**
- Put values into definitions (check if this is 70.6.5 or 72.6.5)
- Check if subclause references are correct for the RX items