

Summary of Issues with Draft 2.2 Start-up

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Major General Issues

- Unconstrained turn-on time for Slave
 - Requires master to dedicate resource continuously to monitor for slave
- State transitions not synchronized
 - Master(slave) permitted to transition to next state even if link partner is not yet ready
- No provision for asymmetrical link in PMA_training
 - Assumes power required for Slave is also sufficient for Master
 - If violated, link cannot be achieved even though 10G operation may be possible with higher Slave Tx power
- Setting link_status<=OK is not synchronized
 - When local link_status<=OK, local MAC will start transmitting valid packets even if remote link_status is still not OK
 - Loss of packets could result
- Some aspects are overly complex

Summary of Other Issues

- Detailed comments fall into 4 main issue categories:

Issue Type	Number of Comments
Interoperability	10
Incompletely Specified	6
Requires Unnecessary Implementation Complexity	2
Simplification	5