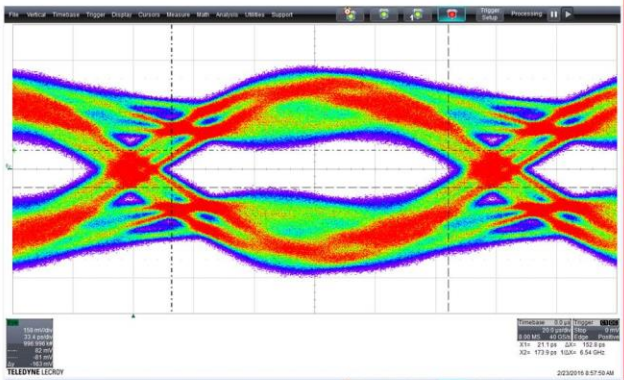
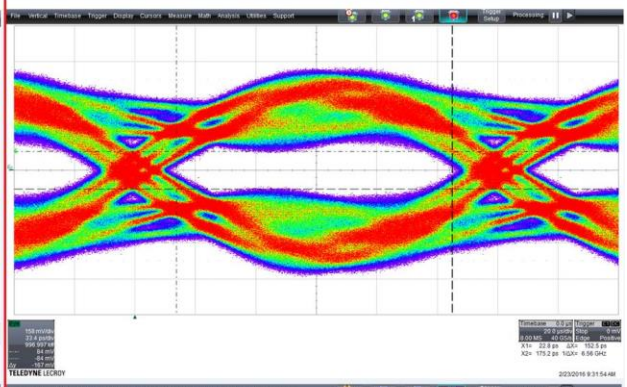
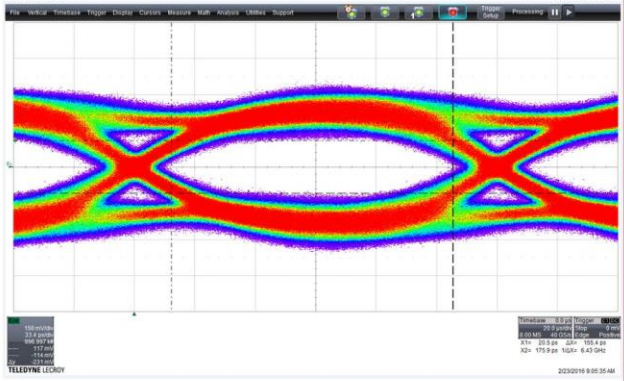
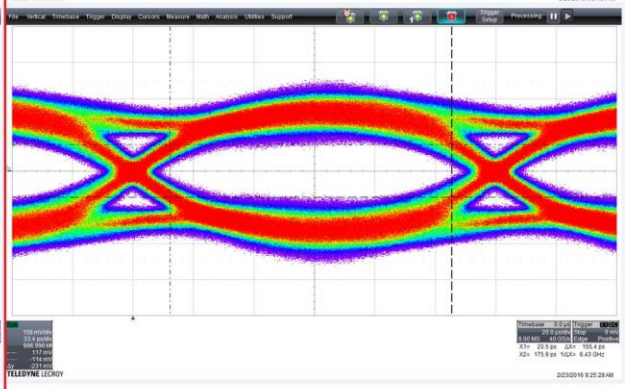
Good board

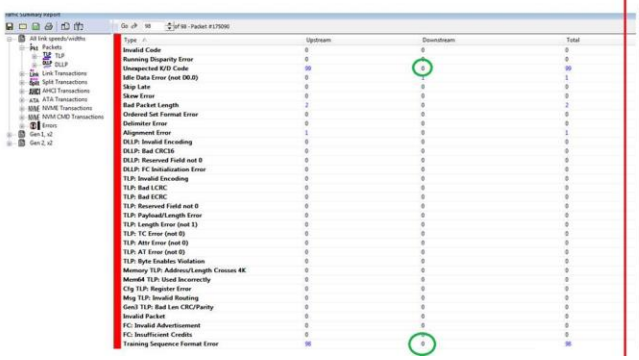
Bad Board



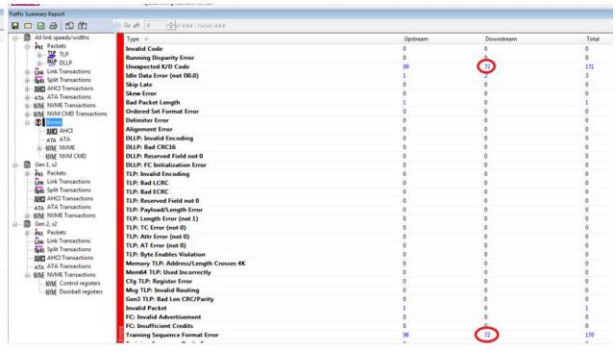








Type	Upstream	Downstream	Total
Invalid Code	0	0	0
Running Disparity Error	0	0	0
Unexpected K/D Code	99	0	99
Idle Data Error (not 00.0)	0	1	1
Skip Late	0	0	0
Skew Error	0	0	0
Bad Packet Length	2	0	2
Ordered Set Format Error	0	0	0
Delimiter Error	0	0	0
Alignment Error	1	0	1
DLLP: Invalid Encoding	0	0	0
DLLP: Bad CRC16	0	0	0
DLLP: Reserved Field not 0	0	0	0
DLLP: FC Initialization Error	0	0	0
TLP: Invalid Encoding	0	0	0
TLP: Bad LCRC	0	0	0
TLP: Bad ECRC	0	0	0
TLP: Reserved Field not 0	0	0	0
TLP: Payload/Length Error	0	0	0
TLP: Length Error (not 1)	0	0	0
TLP: TC Error (not 0)	0	0	0
TLP: Attr Error (not 0)	0	0	0
TLP: AT Error (not 0)	0	0	0
TLP: Byte Enables Violation	0	0	0
Memory TLP: Address/Length Crosses 4K	0	0	0
Mem64 TLP: Used Incorrectly	0	0	0
Cfg TLP: Register Error	0	0	0
Msg TLP: Invalid Routing	0	0	0
Gen3 TLP: Bad Len CRC/Parity	0	0	0
Invalid Packet	0	0	0
FC: Invalid Advertisement	0	0	0
FC: Insufficient Credits	0	0	0
Training Sequence Format Error	98	9	98



Type	Upstream	Downstream	Total
Invalid Code	0	0	0
Running Disparity Error	0	0	0
Unexpected K/D Code	99	72	171
Idle Data Error (not 00.0)	1	2	3
Skip Late	0	0	0
Skew Error	0	0	0
Bad Packet Length	1	0	1
Ordered Set Format Error	0	0	0
Delimiter Error	0	0	0
Alignment Error	0	0	0
DLLP: Invalid Encoding	0	0	0
DLLP: Bad CRC16	0	0	0
DLLP: Reserved Field not 0	0	0	0
DLLP: FC Initialization Error	0	0	0
TLP: Invalid Encoding	0	0	0
TLP: Bad LCRC	0	0	0
TLP: Bad ECRC	0	0	0
TLP: Reserved Field not 0	0	0	0
TLP: Payload/Length Error	0	0	0
TLP: Length Error (not 1)	0	0	0
TLP: TC Error (not 0)	0	0	0
TLP: Attr Error (not 0)	0	0	0
TLP: AT Error (not 0)	0	0	0
TLP: Byte Enables Violation	0	0	0
Memory TLP: Address/Length Crosses 4K	0	0	0
Mem64 TLP: Used Incorrectly	0	0	0
Cfg TLP: Register Error	0	0	0
Msg TLP: Invalid Routing	0	0	0
Gen3 TLP: Bad Len CRC/Parity	0	0	0
Invalid Packet	1	0	1
FC: Invalid Advertisement	0	0	0
FC: Insufficient Credits	0	0	0
Training Sequence Format Error	98	72	170