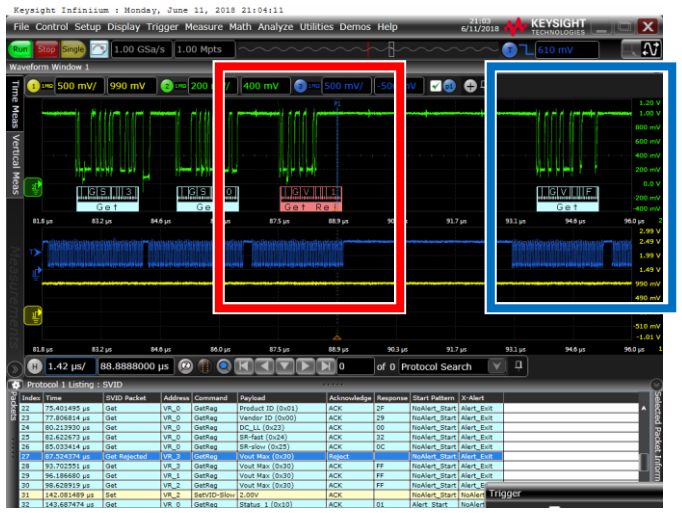
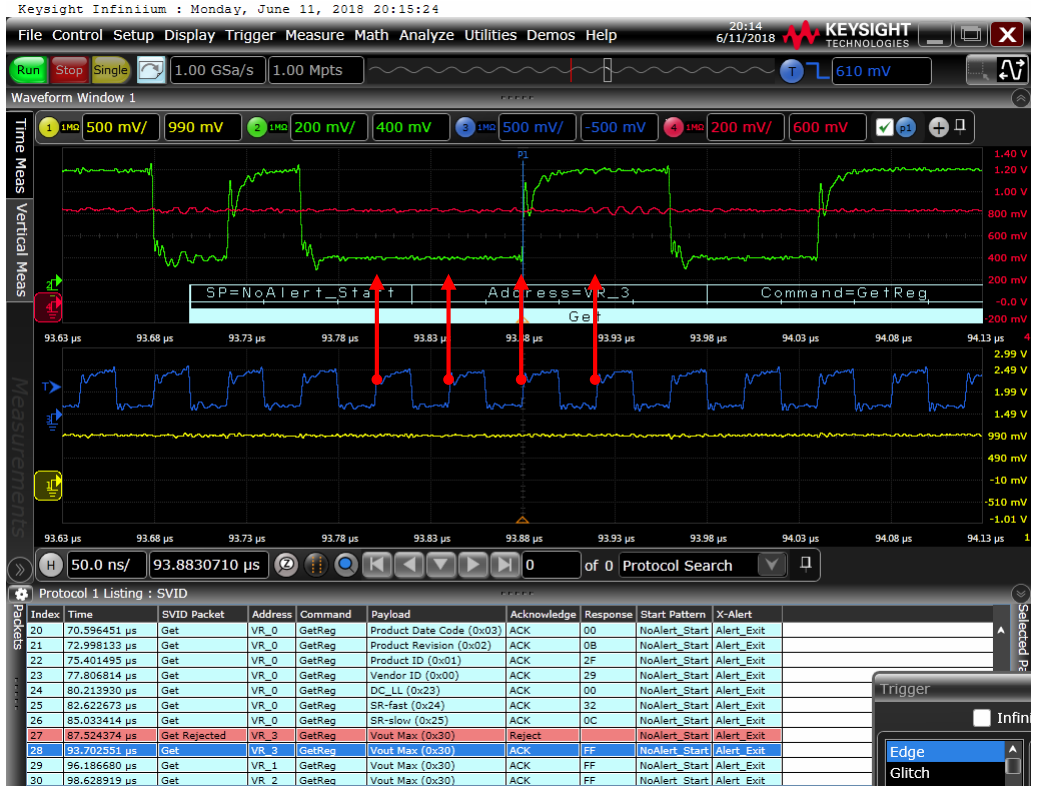


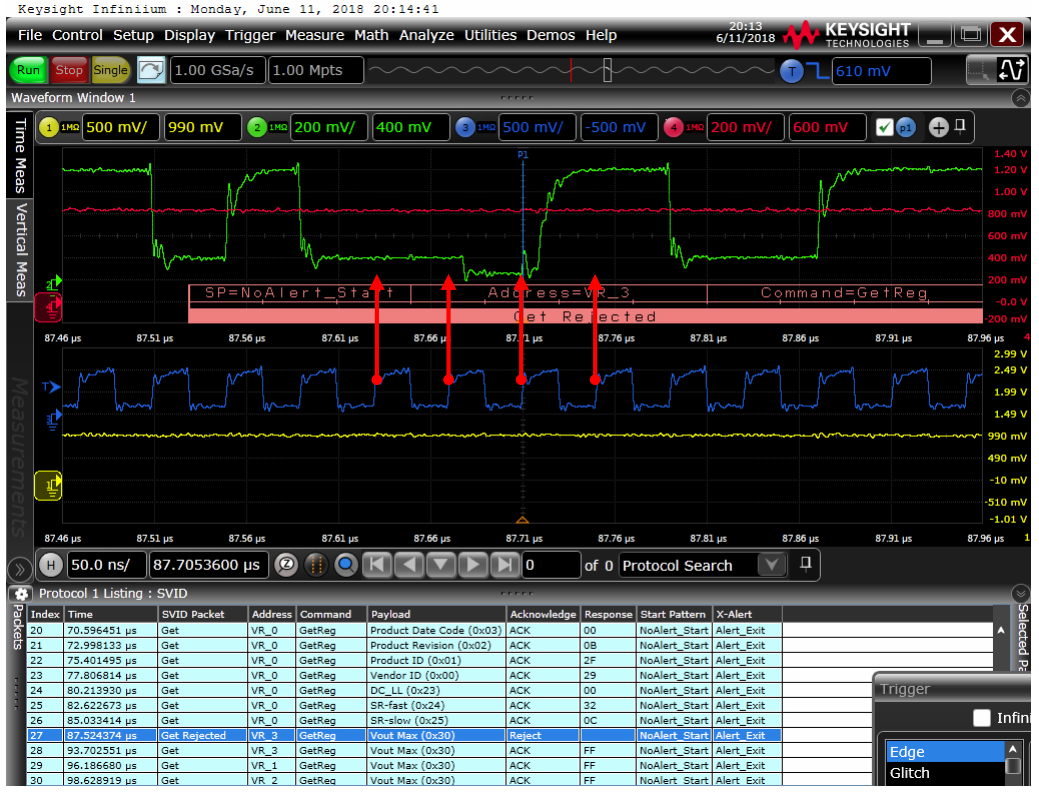
Keysight Infiniium : Monday, June 11, 2018 20:15:24



Index	Time	SVID Packet	Address	Command	Payload	Acknowledge	Response	Start Pattern	X-Alert
20	70.596451 µs	Get	VR_0	GetReg	Product Date Code (0x03)	ACK	00	NoAlert_Start	Alert_Exit
21	72.998133 µs	Get	VR_0	GetReg	Product Revision (0x02)	ACK	0B	NoAlert_Start	Alert_Exit
22	75.401495 µs	Get	VR_0	GetReg	Product ID (0x01)	ACK	2F	NoAlert_Start	Alert_Exit
23	77.806814 µs	Get	VR_0	GetReg	Vendor ID (0x00)	ACK	29	NoAlert_Start	Alert_Exit
24	80.213930 µs	Get	VR_0	GetReg	DC_LL (0x23)	ACK	00	NoAlert_Start	Alert_Exit
25	82.622673 µs	Get	VR_0	GetReg	SR-fast (0x24)	ACK	32	NoAlert_Start	Alert_Exit
26	85.033414 µs	Get	VR_0	GetReg	SR-slow (0x25)	ACK	0C	NoAlert_Start	Alert_Exit
27	87.524374 µs	Get Rejected	VR_3	GetReg	Vout Max (0x30)	Reject		NoAlert_Start	Alert_Exit
28	93.702551 µs	Get	VR_3	GetReg	Vout Max (0x30)	ACK	FF	NoAlert_Start	Alert_Exit
29	96.186680 µs	Get	VR_1	GetReg	Vout Max (0x30)	ACK	FF	NoAlert_Start	Alert_Exit
30	98.628919 µs	Get	VR_2	GetReg	Vout Max (0x30)	ACK	FF	NoAlert_Start	Alert_Exit

OK:
The SVID master(Xeon) is driving the VDIO data on the pos edge of clock.

Keysight Infiniium : Monday, June 11, 2018 20:14:41



Index	Time	SVID Packet	Address	Command	Payload	Acknowledge	Response	Start Pattern	X-Alert
20	70.596451 µs	Get	VR_0	GetReg	Product Date Code (0x03)	ACK	00	NoAlert_Start	Alert_Exit
21	72.998133 µs	Get	VR_0	GetReg	Product Revision (0x02)	ACK	0B	NoAlert_Start	Alert_Exit
22	75.401495 µs	Get	VR_0	GetReg	Product ID (0x01)	ACK	2F	NoAlert_Start	Alert_Exit
23	77.806814 µs	Get	VR_0	GetReg	Vendor ID (0x00)	ACK	29	NoAlert_Start	Alert_Exit
24	80.213930 µs	Get	VR_0	GetReg	DC_LL (0x23)	ACK	00	NoAlert_Start	Alert_Exit
25	82.622673 µs	Get	VR_0	GetReg	SR-fast (0x24)	ACK	32	NoAlert_Start	Alert_Exit
26	85.033414 µs	Get	VR_0	GetReg	SR-slow (0x25)	ACK	0C	NoAlert_Start	Alert_Exit
27	87.524374 µs	Get Rejected	VR_3	GetReg	Vout Max (0x30)	Reject		NoAlert_Start	Alert_Exit
28	93.702551 µs	Get	VR_3	GetReg	Vout Max (0x30)	ACK	FF	NoAlert_Start	Alert_Exit
29	96.186680 µs	Get	VR_1	GetReg	Vout Max (0x30)	ACK	FF	NoAlert_Start	Alert_Exit
30	98.628919 µs	Get	VR_2	GetReg	Vout Max (0x30)	ACK	FF	NoAlert_Start	Alert_Exit

NG:
It seems that the VDIO edge is not matched with the pos clock edge, and the address field has two low-voltage-level.
It might be collision between the SVID master output and the phantom pulse.
If so, there is a possibility that the SVID transaction will be unintended garbled data. (the address data will be garbled, and so on.)