



Test Report

Test Started: 2026-02-16 10:47:42

Test Run Time: 13.09s

Test Status: Pass

Test Profile: A-C / SS Gen1 / 3A / SI copy

Test for a Standard-A to Type-C cable that can support USB 3.1 Gen 1 (5 Gbps). Requires all four SuperSpeed pairs and the USB 2.0 D+/D- pair. Signal integrity testing at 5 Gbps on the SuperSpeed pairs and 518 Mbps on the high-speed pair is performed.

E-Marker

"D" Port

SOP' Data
SOP' Controller Not Found

"U" Port

SOP' Data
SOP' Controller Not Found

Continuity

Connector Orientation		
Port	Connector Type	Orientation
"U" Port	USB 3.1 Type-C	Normal
"D" Port	USB 3.1 Standard-A	Normal

V _{BUS} Voltage Reference		
	Voltage	Valid Range
✓	4.86 V	4.75 - 5.10 V

Power Shorts		
	Wires	Shorts
✓	V _{BUS} to GND	None
✓	CC to GND	None
✓	CC to V _{BUS}	None

Physical Wiring		
	"D" Port Pin	"U" Port Pin
✓	DM1	DM1
✓	DP1	DP1
✓	DM2	No Connection
✓	DP2	No Connection
✓	SBU1	No Connection

Functional Signals		
	Wire	Present
✓	CC	Present
✓	V _{CONN}	Absent
	V _{CONN} Thru	Absent
✓	SBU	Absent
✓	DP/DM1	Present
✓	DP/DM2	Absent

	"D" Port Pin	"U" Port Pin
✓	SBU2	No Connection
✓	TX1	RX1
✓	RX1	TX1

	Wire	Present
✓	SOP'	Absent
✓	SOP"	Absent
✓	TX1	Present
✓	RX1	Present
✓	TX2	Absent
✓	RX2	Absent
✓	R _P	Present
✓	R _D	Absent

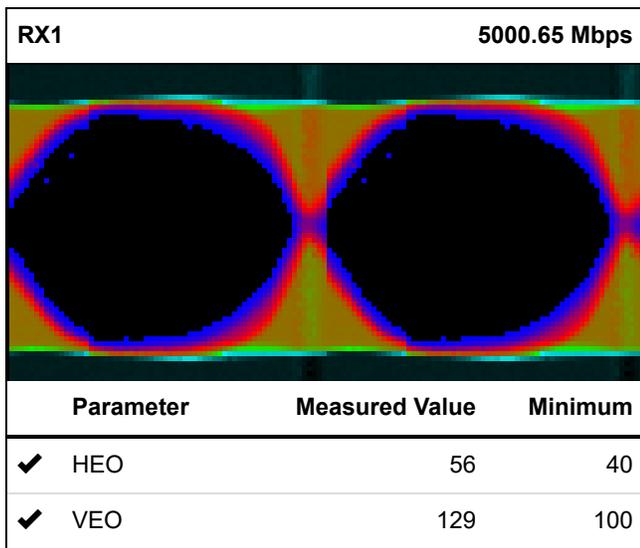
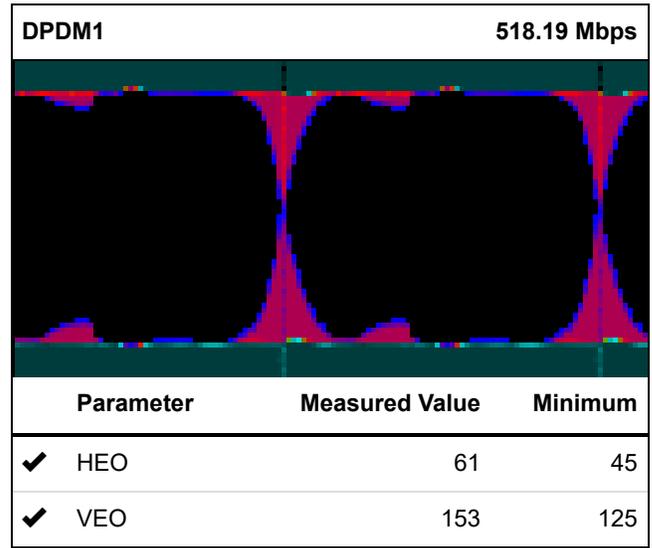
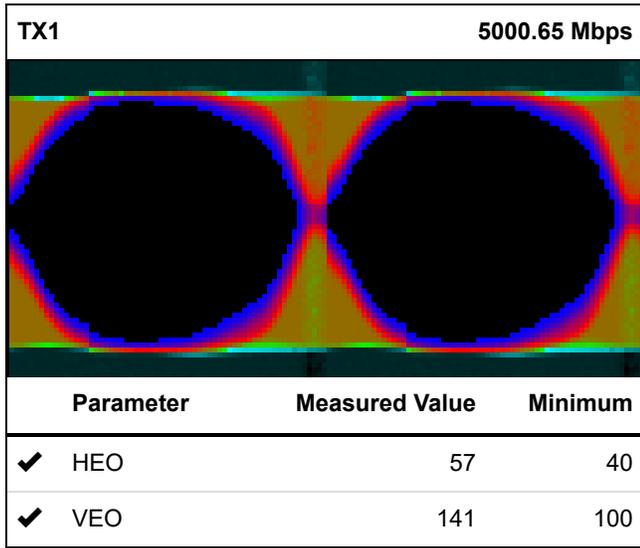
DC Resistance

Power Wires			
	Wire	Measured Value	Maximum
✓	GND	45.62 mΩ	83.00 mΩ
✓	V _{BUS}	80.85 mΩ	167.00 mΩ

GND Pins			
	Pin	Measured Value	Maximum
✓	U-A1	7.08 mΩ	40.00 mΩ
✓	U-A12	8.11 mΩ	40.00 mΩ
✓	U-B1	7.29 mΩ	40.00 mΩ
✓	U-B12	5.89 mΩ	40.00 mΩ

V _{BUS} Pins			
	Pin	Measured Value	Maximum
✓	U-A9	8.49 mΩ	40.00 mΩ
✓	U-B4	6.83 mΩ	40.00 mΩ
✓	U-B9	6.75 mΩ	40.00 mΩ
✓	U-A4	8.58 mΩ	40.00 mΩ

Signal Integrity



Equipment

Device Information	
Name	Value
Promira Serial Platform Serial Number	2416-620554
Advanced Cable Tester Serial Number	2468-191878
Hardware Version	0.93
Firmware Version	1.12
Web Version	1.12

Connector Test & Insertion Counts		
Port	Connector	Counts
Upstream	USB 3.1 Type-C	584
Downstream	USB 3.1 Type-C	675
Upstream Adapter	None	
Downstream Adapter	USB 3.1 Standard-A	200