Serial Cables, LLC

SI TEST REPORT

Test Description

订单号（PO）		长度（Length）	0.3M	测试标准(Testing Standard)	PCIE6.0
型号（Model Numbe	MCIO6-4X-39U2-2X2	测试员（Tester）	He Qiang	检测日期(Test Date)	2024/9/2
设备型号(Device Model)	Keysight E5080B-53g				

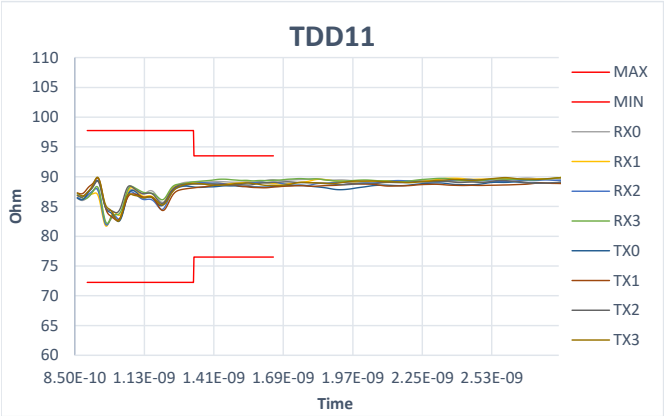
Test Results

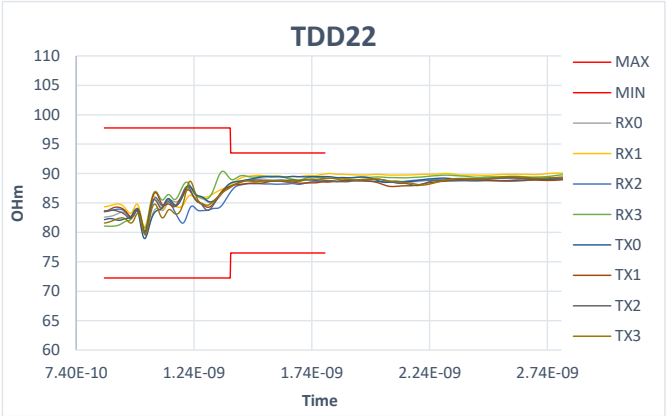
Differential Impedance TDD11

FRQ.(Ohm)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
MAX	97.75	89.11	88.97	88.85	89.14	89.37	89.77	89.24	89.90
MIN	72.25	82.01	81.70	81.88	82.15	82.48	82.68	83.96	82.52
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Differential Impedance TDD22

FRQ.(Ohm)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
MAX	97.75	89.08	90.01	88.84	90.39	89.52	88.87	89.02	89.21
MIN	72.25	79.49	80.95	79.82	80.72	78.96	80.22	80.03	79.64
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass



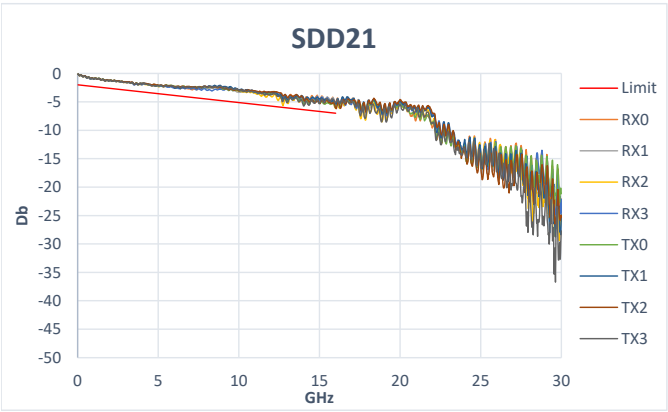


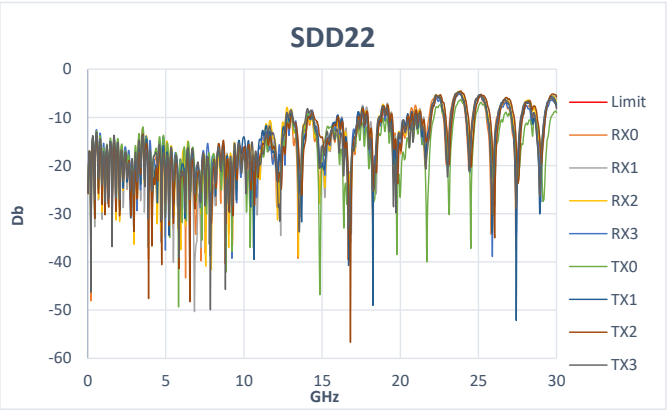
Insertion Losss SDD21

FRQ.(GHz)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
8G	-4.50	-2.53	-2.64	-2.39	-2.94	-2.39	-2.33	-2.35	-2.48
16G	-7.00	-5.05	-5.33	-5.90	-5.92	-5.81	-5.34	-6.04	-5.14
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Return Loss SDD22

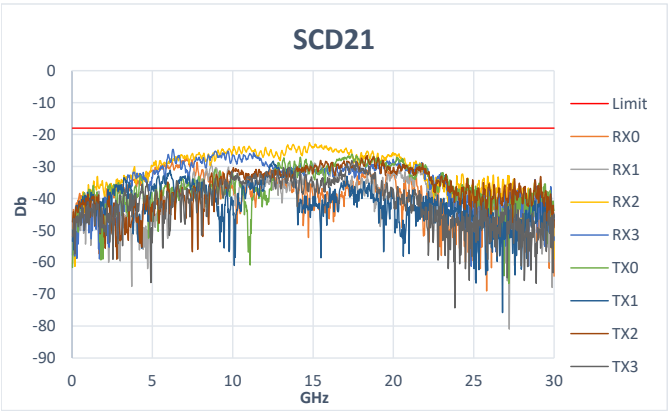
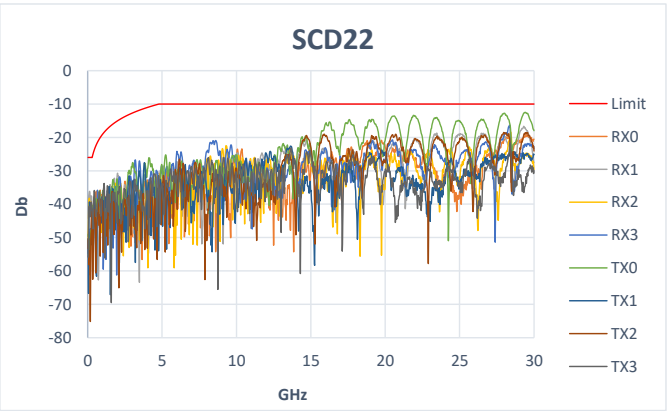
FRQ.(GHz)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
0-4G		-12.39	-13.72	-13.70	-12.53	-11.96	-13.51	-13.47	-13.10
4-16G		-8.95	-8.31	-7.95	-8.62	-9.14	-8.98	-8.97	-8.18
16-24G		-4.78	-4.66	-4.58	-5.15	-6.29	-4.75	-4.53	-4.78
Result									





Differential To CommMod Convertion SCD21

FRQ.(GHz)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
0-30G	MAX -18dB	-27.29	-28.95	-22.54	-24.65	-26.19	-28.32	-26.54	-28.16
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Differential To CommonMod Return Loss SCD22

FRQ.(GHz)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
20M	-26.00	-53.04	-44.26	-51.45	-54.72	-49.64	-50.37	-53.34	-55.87
8G	-10.00	-30.09	-18.98	-31.76	-22.40	-14.10	-35.95	-20.13	-33.31
24G	-10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass