



serial
CABLES

广东一普实业有限公司

Serial Cables, LLC

SI TEST REPORT

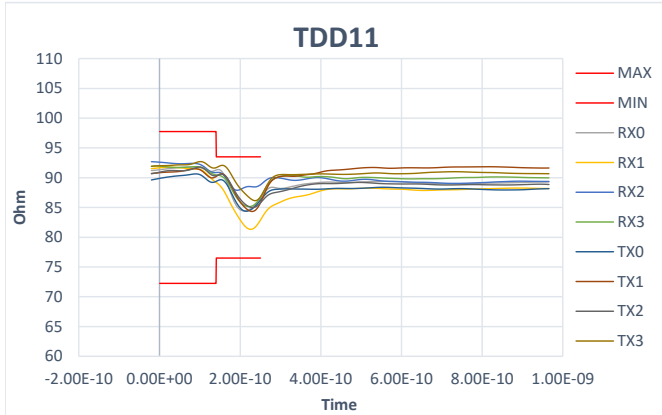
Test Description

订单号 (PO)		长度 (Length)	0.5M	测试标准(Testing Standard)	PCIE6.0
型号 (Model Number)	MCIO6-8X-39X2U2-1X4	测试员 (Tester)	He Qiang	检测日期(Test Date)	2024/10/30
设备型号(Device Model)	Keysight E5080B-53g				

Test Results

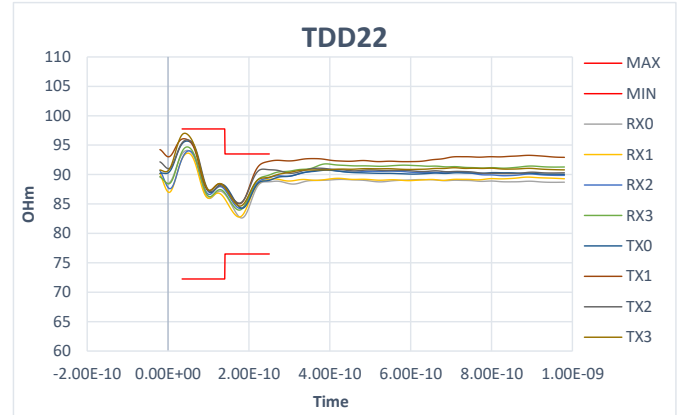
Differential Impedance TDD11

FRQ.(Ohm)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
MAX	97.75	91.78	91.76	92.60	91.94	90.63	91.51	91.78	92.70
MIN	72.25	91.05	89.19	90.86	90.46	89.21	89.97	90.32	91.62
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass



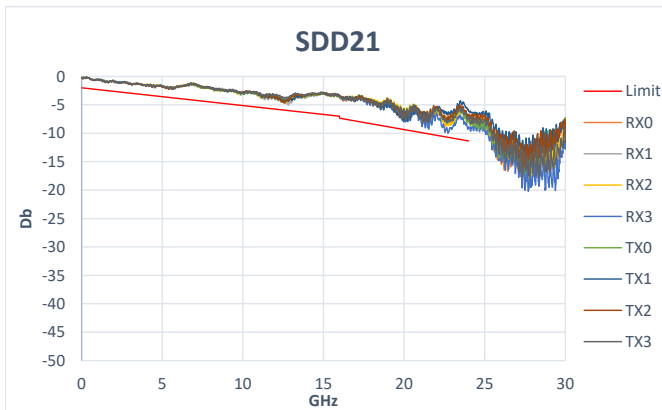
Differential Impedance TDD22

FRQ.(Ohm)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
MAX	97.75	94.10	93.64	94.03	94.70	95.69	96.09	95.88	97.02
MIN	72.25	85.94	85.81	86.62	86.24	86.94	87.27	87.11	87.31
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass



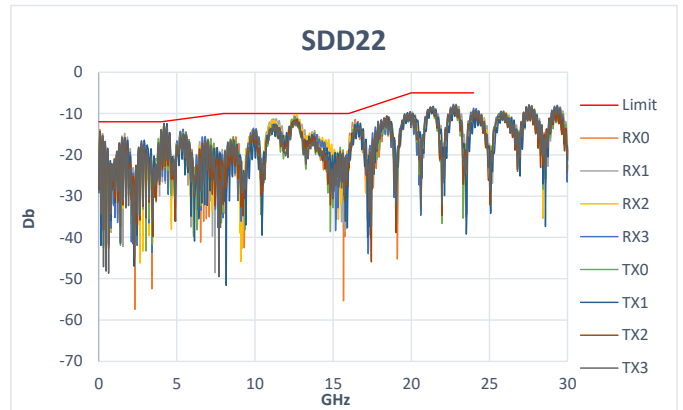
Insertion Loss SDD21

FRQ.(GHz)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
8G	-3.91	-2.09	-1.92	-2.03	-2.05	-2.19	-2.02	-2.00	-2.05
16G	-8.50	-3.70	-3.54	-3.37	-3.57	-3.53	-3.66	-3.37	-3.53
24G	-17.00	-7.39	-6.96	-7.58	-9.08	-7.43	-6.11	-6.80	-7.40
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass



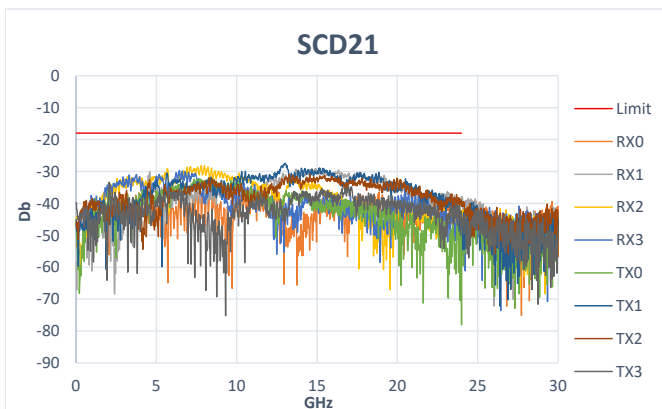
Return Loss SDD22

FRQ.(GHz)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
4G	-12.00	-14.23	-14.94	-16.38	-14.08	-13.85	-14.48	-14.81	-13.91
16G	-10.00	-21.23	-19.95	-21.32	-20.09	-23.75	-20.23	-22.56	-20.53
24G	-5.00	-9.55	-10.13	-9.05	-8.70	-9.50	-10.48	-9.44	-9.31
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass



Differential To CommMod Conversion SCD21

FRQ.(GHz)	Limit(dB)	RX0	RX1	RX2	RX3	TX0	TX1	TX2	TX3
8G	-18.00	-39.62	-37.52	-28.19	-38.14	-33.08	-33.71	-33.42	-46.64
16G	-18.00	-41.75	-31.93	-37.14	-37.46	-41.33	-30.46	-32.54	-39.58
24G	-18.00	-48.46	-37.86	-42.25	-52.66	-78.07	-43.27	-39.94	-47.22
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	-57.84	-65.61	-44.38	-48.72	-46.78	-44.55	-45.18	-39.84
8G	-10.00	-37.40	-31.68	-34.34	-40.77	-31.24	-36.77	-33.84	-31.51
24G	-10.00	-27.10	-29.48	-26.66	-28.16	-29.96	-30.28	-27.17	-30.81
Result		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

