# 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-EDSFF1C-1X4 | 测试员（Tester） | He Qiang | 检测日期(Test Date) | 2024/9/2 |
| 设备型号(Device Model) | Keysight E5080B-53g | | | | |

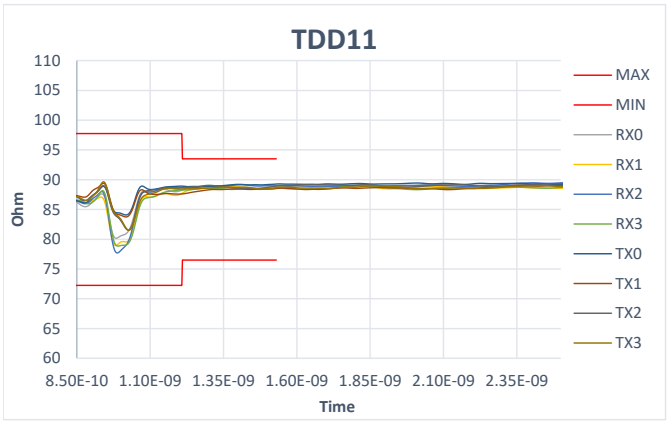
Test Results

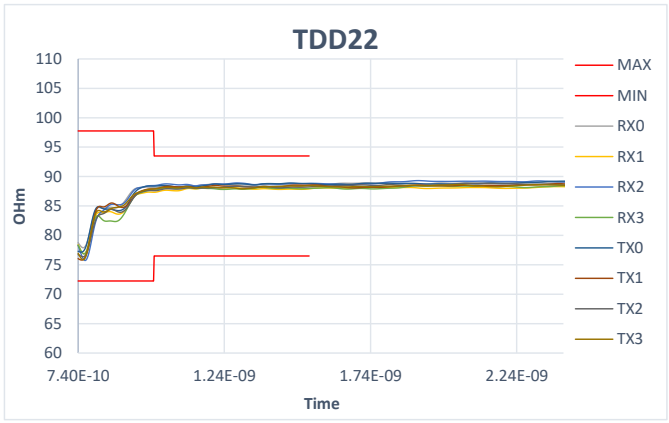
Differential Impedance TDD11

| FRQ.(Ohm) | Limit(dB) | RX0 | RX1 | RX2 | RX3 | TX0 | TX1 | TX2 | TX3 |
|---|---|---|---|---|---|---|---|---|---|
| MAX | 97.75 | 88.38 | 87.70 | 88.72 | 88.28 | 88.92 | 89.39 | 89.01 | 89.64 |
| MIN | 72.25 | 80.16 | 78.96 | 77.70 | 78.85 | 84.08 | 83.75 | 81.52 | 81.51 |
| 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 | 88.76 | 88.08 | 88.76 | 88.10 | 88.72 | 88.48 | 88.11 | 88.27 |
| MIN | 72.25 | 77.90 | 76.88 | 75.74 | 76.85 | 77.15 | 75.81 | 76.37 | 75.86 |
| Result | | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass |



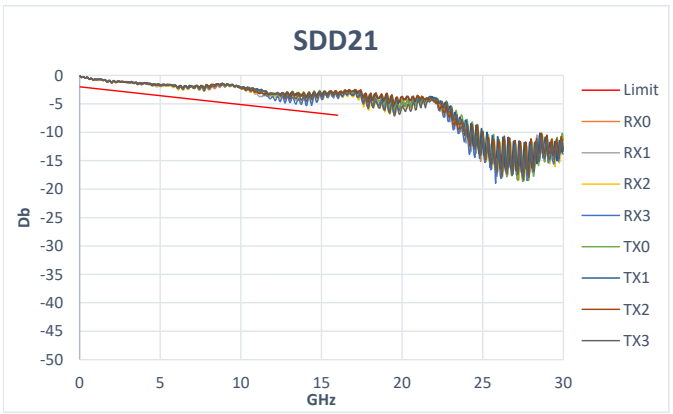



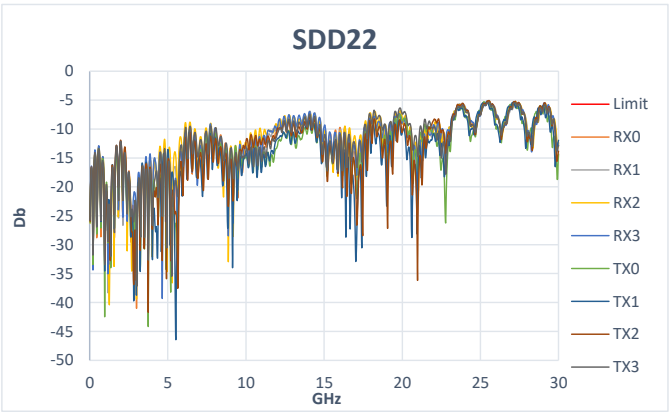

Insertion Losss SDD21

| FRQ.(GHz) | Limit(dB) | RX0 | RX1 | RX2 | RX3 | TX0 | TX1 | TX2 | TX3 |
|---|---|---|---|---|---|---|---|---|---|
| 8G | -4.50 | -2.53 | -2.10 | -2.15 | -2.32 | -2.08 | -1.99 | -1.83 | -2.11 |
| 16G | -7.00 | -3.85 | -3.92 | -3.65 | -3.86 | -3.16 | -3.30 | -3.10 | -3.64 |
| | | | | | | | | | |
| Result | | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass |

Return Loss SDD22

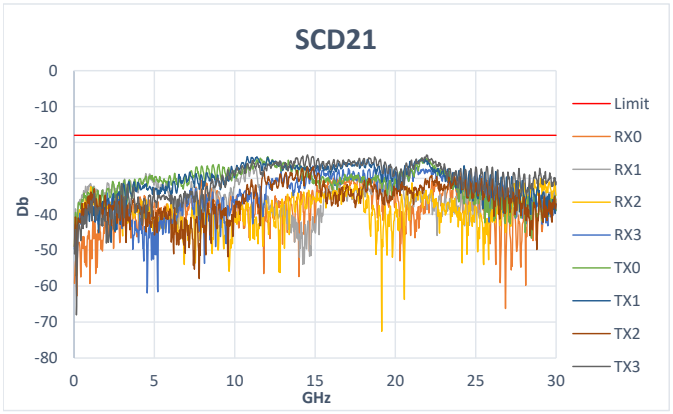
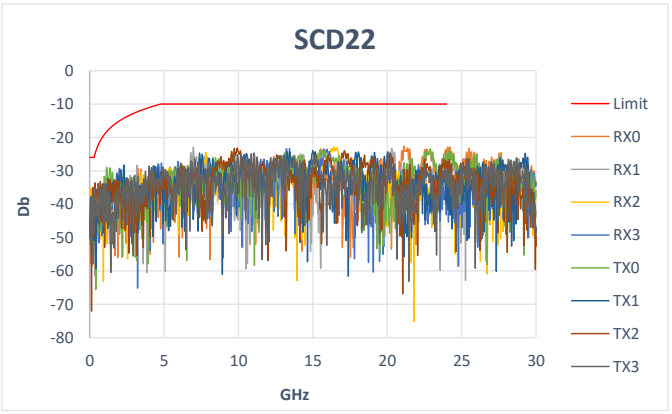
| FRQ.(GHz) | Limit(dB) | RX0 | RX1 | RX2 | RX3 | TX0 | TX1 | TX2 | TX3 |
|---|---|---|---|---|---|---|---|---|---|
| 0-4G | | -12.66 | -13.13 | -12.60 | -12.23 | -13.36 | -12.15 | -11.91 | -12.11 |
| 4-16G | | -7.35 | -6.91 | -7.28 | -6.98 | -8.53 | -8.43 | -7.87 | -7.46 |
| 16-24G | | -5.74 | -5.63 | -5.74 | -5.66 | -6.10 | -6.34 | -5.56 | -5.91 |
| Result | | | | | | | | | |




Differential To CommMod Convertion SCD21

| FRQ.(GHz) | Limit(dB) | RX0 | RX1 | RX2 | RX3 | TX0 | TX1 | TX2 | TX3 |
|---|---|---|---|---|---|---|---|---|---|
| 0-30G | MAX -18dB | -28.17 | -24.98 | -30.04 | -26.50 | -24.01 | -23.91 | -26.75 | -23.44 |
| | | | | | | | | | |
| | | | | | | | | | |
| 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 | -49.89 | -49.66 | -44.58 | -46.29 | -51.99 | -50.33 | -49.03 | -48.99 |
| 8G | -10.00 | -30.03 | -26.89 | -27.10 | -24.57 | -27.07 | -27.45 | -26.01 | -33.18 |
| 24G | -10.00 | -25.68 | -31.54 | -36.50 | -37.21 | -27.50 | -33.20 | -28.76 | -32.96 |
| Result | | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass |