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Keysight Test Report

**PASS**

|  |  |
| --- | --- |
| Report Header: | Keysight Inc. |
| Report Date: | 2025/07/16 10:41:37 |
| Type: | Framed |

# SUMMARY

|  |  |
| --- | --- |
| IxOS Version | 10.80.8001.4 |
| Test Start Time | 2025/07/16 10:38:37 |
| Test End Time | 2025/07/16 10:41:36 |
| Test Duration | 00:00:30 |
| Pass/Fail Verdict | PASS |
| Module Type |  |
| Module Version |  |
| Serial Number |  |

# L2 Traffic Test Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Frame Size** | **Tx Count** | **Rx Count** | **Loss Count** | **Loss %** |
| **64** | 72029258340 | 72029258340 | 0 | 0.0 |
| **128** | 41193462493 | 41193462493 | 0 | 0.0 |

# Port Statistics - 64

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Port Statistics** | **Port 1,1,9** | **Port 1,1,10** | **Port 1,1,11** | **Port 1,1,12** |
| link | link up | link up | link up | link up |
| lineSpeed | 400000 | 400000 | 400000 | 400000 |
| transmitDuration | 00:00:30.243551021 | 00:00:30.247604705 | 00:00:30.256983590 | 00:00:30.261014710 |
| framesSent | 18002113704 | 18004526609 | 18010109275 | 18012508752 |
| framesReceived | 18012508752 | 18010109275 | 18004526609 | 18002113704 |
| fragments | 0 | 0 | 0 | 0 |
| undersize | 0 | 0 | 0 | 0 |
| oversizeAndCrcErrors | 0 | 0 | 0 | 0 |
| vlanTaggedFramesRx | 0 | 0 | 0 | 0 |
| flowControlFrames | 0 | 0 | 0 | 0 |
| bitsSent | 9217082216448 | 9218317623808 | 9221175948800 | 9222404481024 |
| bitsReceived | 9221175948800 | 9222404481024 | 9217082216448 | 9218317623808 |
| pcsSyncErrorsReceived | 0 | 0 | 0 | 0 |
| pcsRemoteFaultsReceived | 0 | 0 | 0 | 0 |
| pcsLocalFaultsReceived | 0 | 0 | 0 | 0 |
| fecTotalBitErrors | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrors | 0 | 0 | 0 | 0 |
| fecCorrectedCodewords | 0 | 0 | 0 | 0 |
| fecTotalCodewords | 2607066280 | 2606921200 | 2606764552 | 2606584968 |
| fecFrameLossRatio | 0.000000e+00 | 0.000000e+00 | 0.000000e+00 | 0.000000e+00 |
| preFecBer | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin0 | 2607066280 | 2606921200 | 2606764552 | 2606584968 |
| fecMaxSymbolErrorsBin1 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin2 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin3 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin4 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin5 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin6 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin7 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin8 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin9 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin10 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin11 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin12 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin13 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin14 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin15 | 0 | 0 | 0 | 0 |
| fecUncorrectableCodewords | 0 | 0 | 0 | 0 |
| fecTranscodingUncorrectableErrors | 0 | 0 | 0 | 0 |
| l1BitsSent | 12097420409088 | 12099041881248 | 12102793432800 | 12104405881344 |
| l1BitsReceived | 12102793432800 | 12104405881344 | 12097420409088 | 12099041881248 |
| transceiverTemp | 0 | 0 | 0 | 0 |
| encoding | 2 | 2 | 2 | 2 |
| fecStatus | 4 | 4 | 4 | 4 |
| transceiverVoltage | 0 | 0 | 0 | 0 |
| minLatency | 2270998 | 2270996 | 85897074931 | 85897074930 |
| averageLatency | 2271003 | 2271001 | 129485881 | 10695510 |
| maxLatency | 2271006 | 2271004 | 85897074939 | 85897074937 |
| Loss\_Frames | -10395048 | -5582666 | 5582666 | 10395048 |
| Loss% | -0.0005774348596459682 | -0.0003100701352075188 | 0.00030997402152075504 | 0.0005771016210524143 |

# Port Statistics - 128

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Port Statistics** | **Port 1,1,9** | **Port 1,1,10** | **Port 1,1,11** | **Port 1,1,12** |
| link | link up | link up | link up | link up |
| lineSpeed | 400000 | 400000 | 400000 | 400000 |
| transmitDuration | 00:00:30.467322475 | 00:00:30.477919670 | 00:00:30.486521915 | 00:00:30.500884953 |
| framesSent | 10293014346 | 10296594481 | 10299500644 | 10304353022 |
| framesReceived | 10304353022 | 10299500644 | 10296594481 | 10293014346 |
| fragments | 0 | 0 | 0 | 0 |
| undersize | 0 | 0 | 0 | 0 |
| oversizeAndCrcErrors | 0 | 0 | 0 | 0 |
| vlanTaggedFramesRx | 0 | 0 | 0 | 0 |
| flowControlFrames | 0 | 0 | 0 | 0 |
| bitsSent | 10540046690304 | 10543712748544 | 10546688659456 | 10551657494528 |
| bitsReceived | 10546688659456 | 10551657494528 | 10540046690304 | 10543712748544 |
| pcsSyncErrorsReceived | 0 | 0 | 0 | 0 |
| pcsRemoteFaultsReceived | 0 | 0 | 0 | 0 |
| pcsLocalFaultsReceived | 0 | 0 | 0 | 0 |
| fecTotalBitErrors | 1 | 1 | 1 | 0 |
| fecMaxSymbolErrors | 1 | 1 | 1 | 0 |
| fecCorrectedCodewords | 1 | 1 | 1 | 0 |
| fecTotalCodewords | 2622232128 | 2622100768 | 2621982280 | 2621849152 |
| fecFrameLossRatio | 0.000000e+00 | 0.000000e+00 | 0.000000e+00 | 0.000000e+00 |
| preFecBer | 7.0101928600794224e-14 | 7.0105440513628917e-14 | 7.0108608595083524e-14 | 0 |
| fecMaxSymbolErrorsBin0 | 2622232127 | 2622100767 | 2621982279 | 2621849152 |
| fecMaxSymbolErrorsBin1 | 1 | 1 | 1 | 0 |
| fecMaxSymbolErrorsBin2 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin3 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin4 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin5 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin6 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin7 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin8 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin9 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin10 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin11 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin12 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin13 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin14 | 0 | 0 | 0 | 0 |
| fecMaxSymbolErrorsBin15 | 0 | 0 | 0 | 0 |
| fecUncorrectableCodewords | 0 | 0 | 0 | 0 |
| fecTranscodingUncorrectableErrors | 0 | 0 | 0 | 0 |
| l1BitsSent | 12186928985664 | 12191167865504 | 12194608762496 | 12200353978048 |
| l1BitsReceived | 12194608762496 | 12200353978048 | 12186928985664 | 12191167865504 |
| transceiverTemp | 0 | 0 | 0 | 0 |
| encoding | 2 | 2 | 2 | 2 |
| fecStatus | 4 | 4 | 4 | 4 |
| transceiverVoltage | 0 | 0 | 0 | 0 |
| minLatency | 2270998 | 2270996 | 85897074931 | 85897074930 |
| averageLatency | 2271003 | 2271001 | 123306265 | 109828541 |
| maxLatency | 2271006 | 2271004 | 85897074939 | 85897074937 |
| Loss\_Frames | -11338676 | -2906163 | 2906163 | 11338676 |
| Loss% | -0.001101589448809654 | -0.00028224506708141766 | 0.0002821654272814666 | 0.001100377284803005 |