

Product Number: PCIe PCIe Station Unknown User 13/03/2025 10:16:40

L0_EqRx_16GTps_Comp

for PCIe 5.0 System

```
-----General-----
Offline                               False
Pause before Auto-Align              False

-----Channel-----
CLB var. ISI pair                     5
Total Channel Loss                    -30 dB

-----Impairments-----
Use Residual SSC (Triangular)         False
Random Jitter                         1 ps
Sinusoidal Jitter                     9.25 ps
Sinusoidal Jitter Frequency           100 MHz
Common Mode Sinusoidal Interference   150 mV
Differential Mode Sinusoidal Interference 24.5 mV
Generator Launch Voltage              800 mV

-----Loopback Training-----
Enable Impairments during Loopback Training True
Interactive Training Script File       C:\ProgramData\BitifEye\ValiFrameK1\PCIE\Settings\TrainingScripts\Pcie4_16G_M8040A_ILT_Loopback.txt
Default Link Training Lane Number for every Lane Auto
Suppress Loopback Training Messages    False
Use Gen3 EIEOS                         False

-----BER Measurement-----
BER Mode                              FixedTime
BER Measurement Duration                62.5 s
Allowed Bit Error                      1
Abort BER Measurement when failed       False
Relax Time                             3 s

-----Interactive Link Training-----
Generator Full Swing                   24
DUT Target Preset                      P7
DUT Start Preset Choice Gen4           System Board Defined
DUT Target Preset Gen4                 P7
Speed Change Control                   BERT
Drop Link Method                       LTSSM

-----Error Detector-----
Fast Alignment                         False
CDR Loop Bandwidth                     20 MHz
Analyzer Equalization                  120
```

Input Range for
Loopback Training 400 mV
Input Range 400 mV
CDR Loop Selection Loop3
Polarity Normal
Manually align error
detector sampling
point. False

Result	Sinusoidal Jitter Frequency [MHz]	Sinusoidal Jitter [ps]	Final Generator Preset	Final Generator Pre-shoot [dB]	Final Generator De- emphasis [dB]	Allowed Bit Errors []	Measured Bit Errors []
pass	100.0	9.25	P5	1.5	0.0	1	0