Test #1
Capture latency data for the different modes and generate a report that explains what each capability does to the transaction times.

No Load

Test	Min Latency	Average Latency	Max Latency	Stdev
32	521	524	589	5.25
32, store/forward	551	554	666	6.16
64	514	516	564	2.72
128	511	513	550	2.71

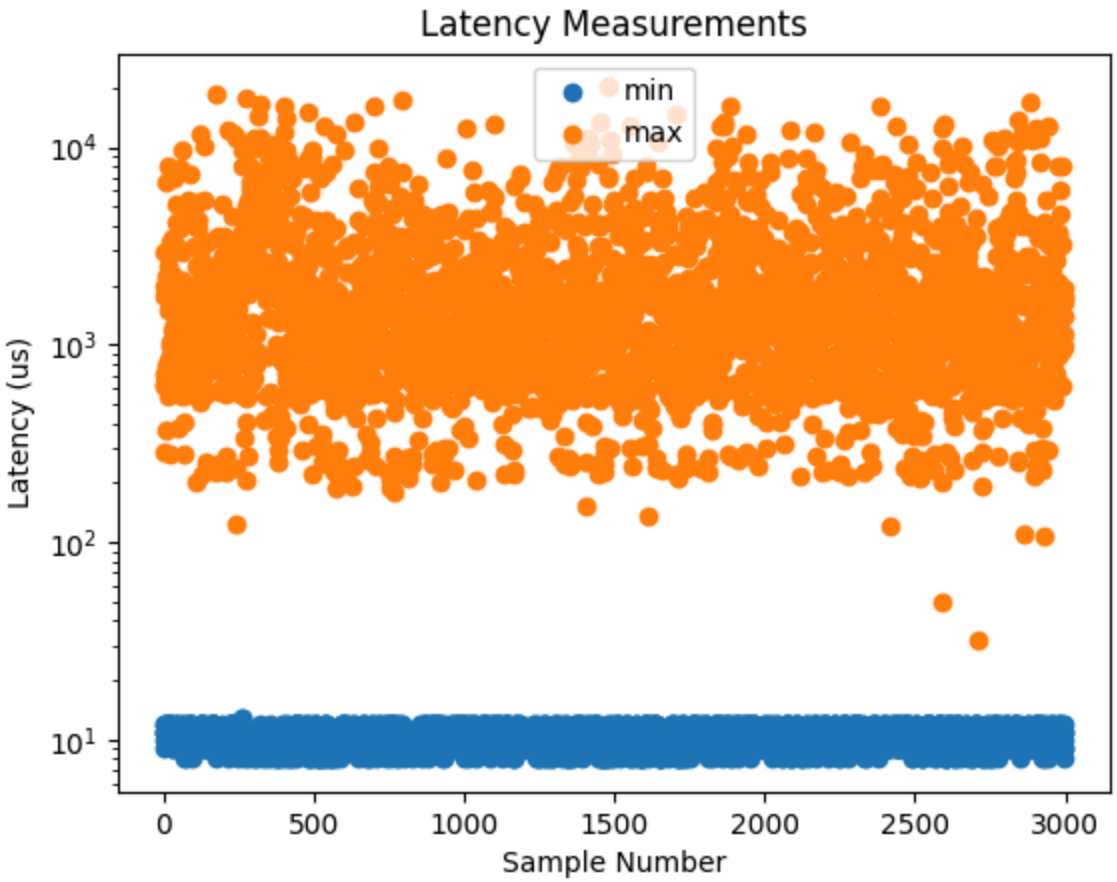
Under Load

Test	Min Latency	Average Latency	Max Latency	Stdev
32	520	567	7083	440
32, store/forward	551	626	14535	793
64	513	525	2110	123
128	510	584	17827	871

Burst 32 - Slower latency than burst 64/128 since bursting less words at a time, more overhead.
Burst 64 - Less overhead and less latency than burst 32, more overhead and latency than burst 128
Burst 128 - Least overhead and least latency compared to burst 32/64
Burst 32, Store/Forward - Increases transaction time compared to burst 32, since all the data is stored and checked for integrity before transfer is done.

Test #2

Minimum Latency: 9
Maximum Latency: 2097
Average Latency: 17.42
Standard Deviation: 32.24
Number of samples: 10000


Latency Measurements
min
max
10^4
10^3
10^2
10^1
Latency (us)
0
500
1000
1500
2000
2500
3000
Sample Number