**Ex07-Report**

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1. For different message lengths, the maximum bandwidth between 2*p* processes on the coprocessor is shown in the following figure. With different values of *p*, the maximum bandwidths seem to be pretty much the same.

For some reason, the program will have an error with message length greater than ~6MB.

According to the data, for long messages ( > 1MB), greater *p* gives the best bandwidth.

1. When *p*=30, the average time for sending different lengths of messages is shown as below.