SCSI USABLE BANDWIDTH
Fixed Select Times; Varying Data Rate

MB/sec

Legend:
- Data Clocking Rate
- Effective Data Rate, with overhead

Nominal Data Rate
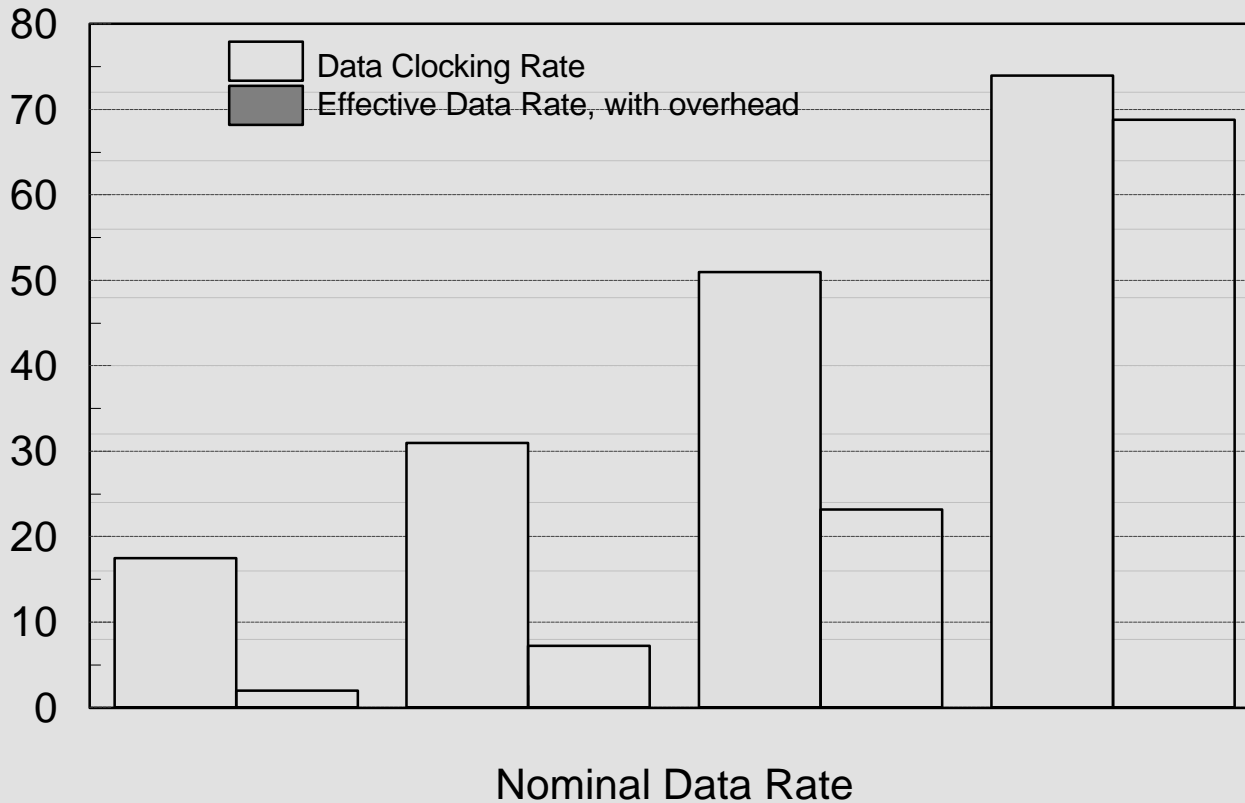
- Overhead based on SCSI Fast-wide and Ultra SCSI measurements

- Assumption: overhead for Select, etc. remains constant; data clocking rate equals nominal rate

- Example uses 256 Block transfers, 48 Block max burst

- Environment: 1 initiator and 4 - 8 targets

Nominal Data Rate	Effective Data Rate	Effectv % of Nominal	Nom Rate vs Predecessor	Effective Rate vs Predecessor
20	18	88%		
40	31	78%	2X	1.72X
80	51	64%	2X	1.65X
160	74	46%	2X	1.45X