Latency vs. MB/s for 4K IO Size and 16 Threads/LUN

0% Read — **35% Read** — **50% Read** — **80% Read** — **100% Read**

MB/s at Target Latency

ReadPct	0.779ms	0.861ms	1.05ms	1.16ms	1.42ms	2.59ms	3.86ms
0	70	123	188	218	285	475	NA
35	138	173	243	283	396	645	NA
50	174	210	296	364	505	758	NA
80	269	350	610	720	881	NA	NA
100	440	697	757	758	760	771	NA

Latency (milliseconds)

MB/s

EMC−002_Profile_3_Small_MBps.pdf
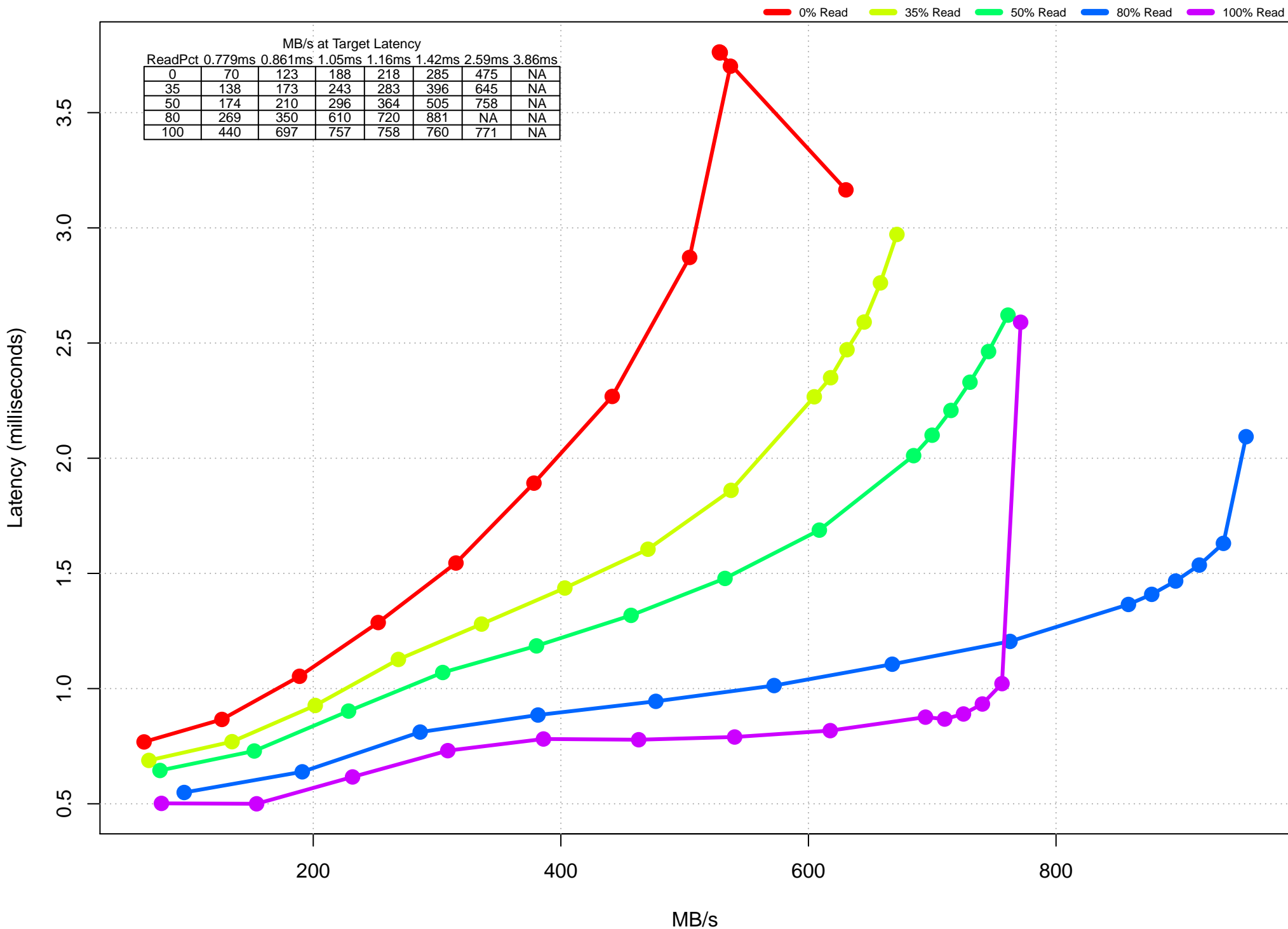
Latency vs. MB/s for 8K IO Size and 16 Threads/LUN

MB/s at Target Latency

ReadPct	0.522ms	0.577ms	0.638ms	0.705ms	0.779ms	0.861ms	0.951ms
0	NA	199	272	348	445	527	596
35	NA	251	362	491	603	726	824
50	NA	303	443	575	699	809	918
80	209	410	504	591	694	803	889
100	293	392	451	523	621	723	749

Legend: 0% Read, 35% Read, 50% Read, 80% Read, 100% Read

EMC−002_Profile_3_Small_MBps.pdf
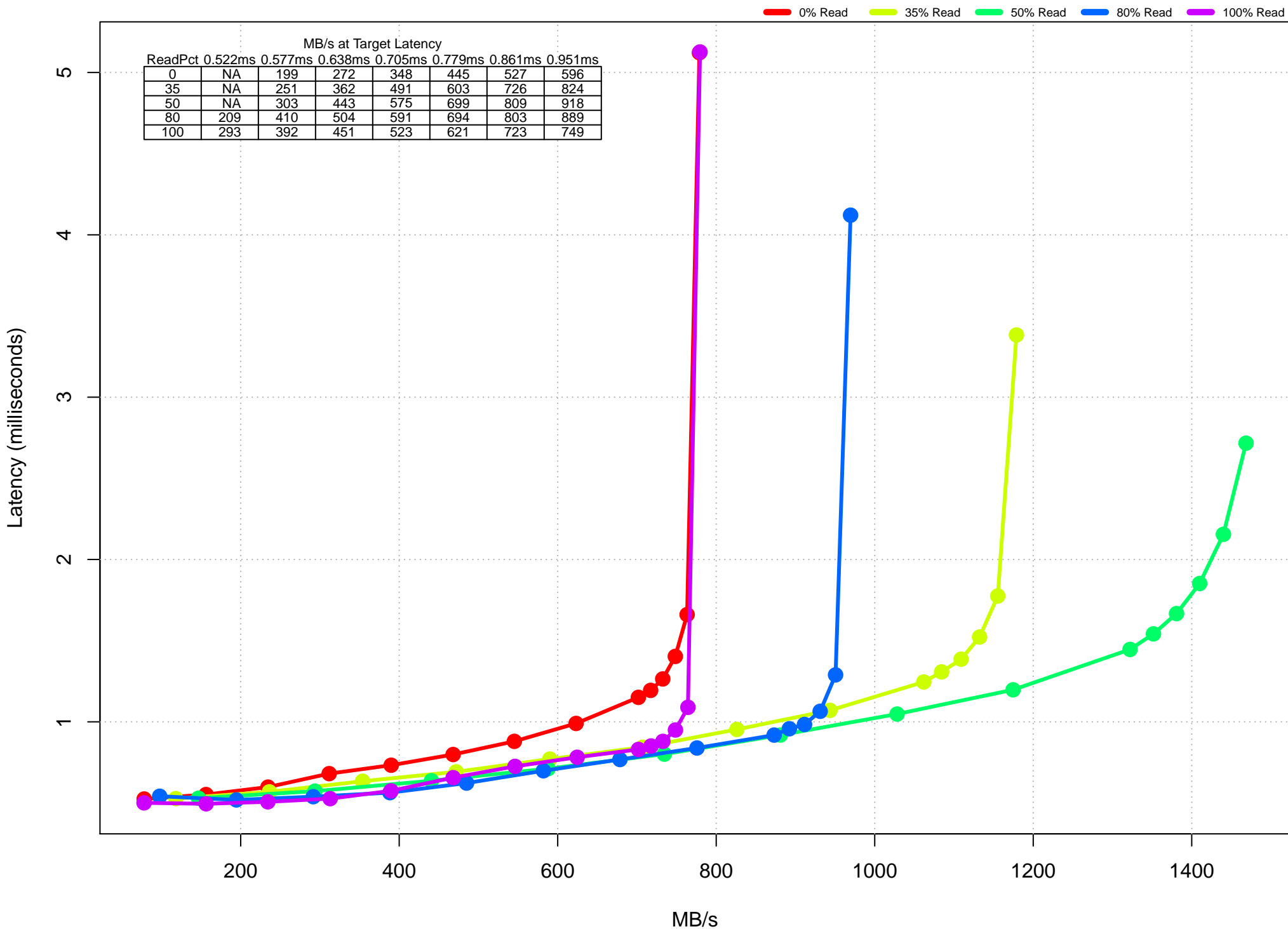
Latency vs. MB/s for 16K IO Size and 16 Threads/LUN

Legend: 0% Read, 35% Read, 50% Read, 80% Read, 100% Read

MB/s at Target Latency

ReadPct	0.607ms	0.741ms	0.905ms	1.11ms	1.35ms	1.65ms	2.01ms
0	NA	239	399	559	666	727	747
35	NA	316	575	812	985	1,090	1,129
50	NA	423	672	910	1,123	1,262	1,361
80	310	507	688	886	939	956	959
100	338	449	602	744	761	769	769

EMC−002_Profile_3_Small_MBps.pdf
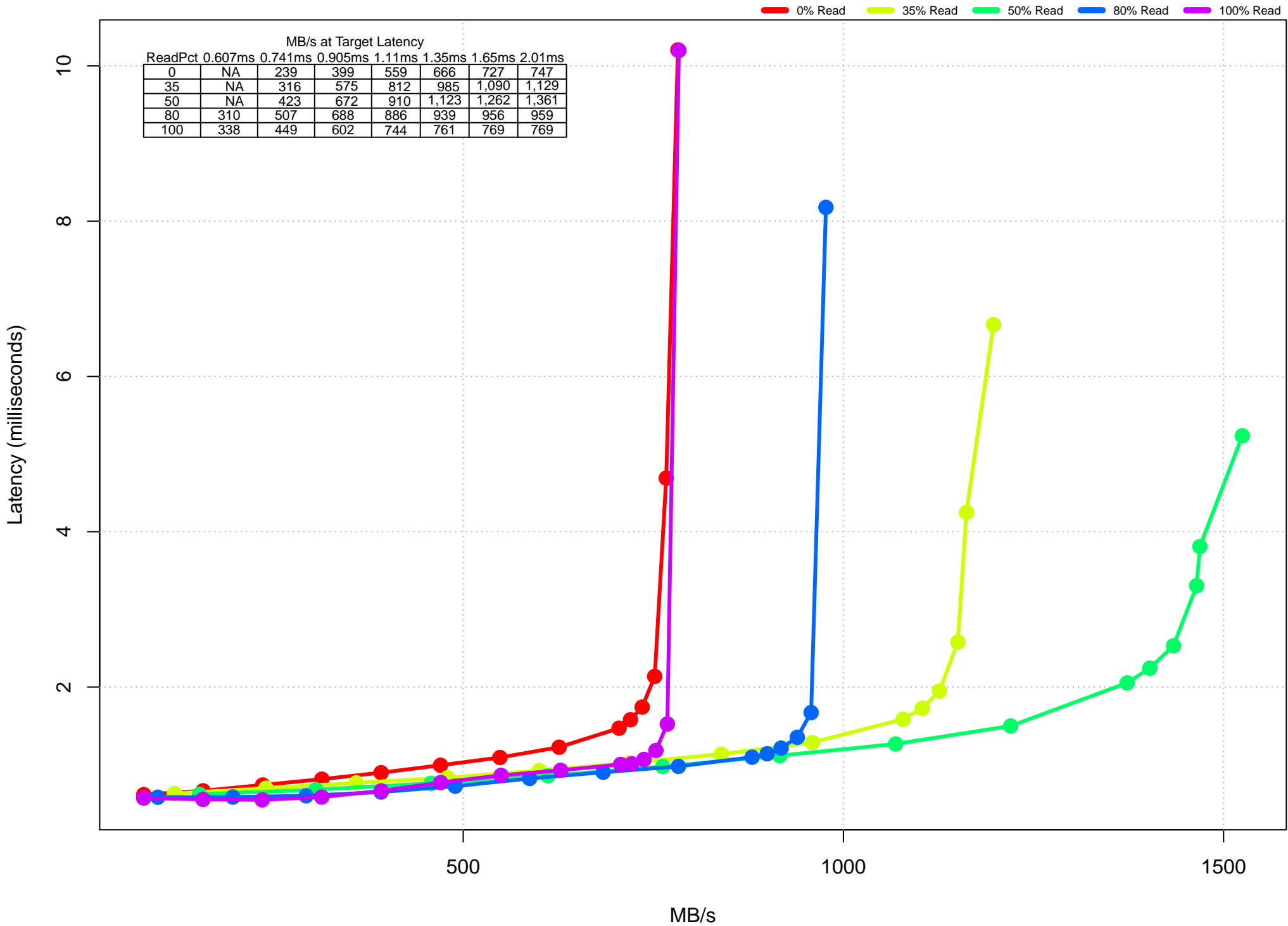
Latency vs. MB/s for 32K IO Size and 16 Threads/LUN

Legend: 0% Read · 35% Read · 50% Read · 80% Read · 100% Read

MB/s at Target Latency

ReadPct	0.607ms	0.741ms	0.905ms	1.11ms	1.35ms	1.65ms	2.46ms
0	NA	82	248	414	560	644	716
35	NA	NA	351	600	822	971	1,089
50	NA	NA	438	692	926	1,116	1,316
80	NA	299	476	690	850	922	957
100	NA	337	443	639	726	750	769

EMC−002_Profile_3_Small_MBps.pdf