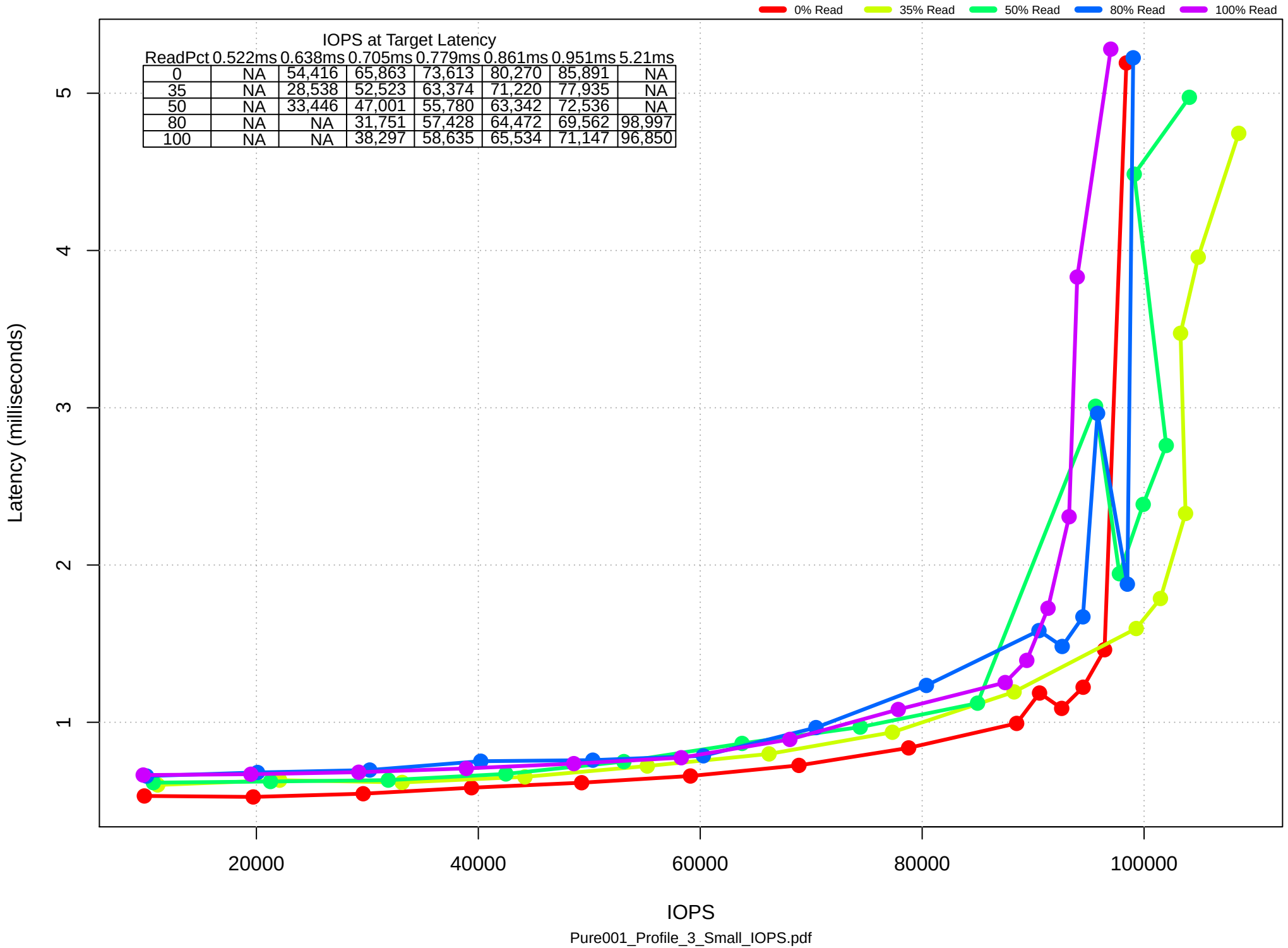
Latency vs. IOPS for 4K IO Size and 32 Threads/LUN

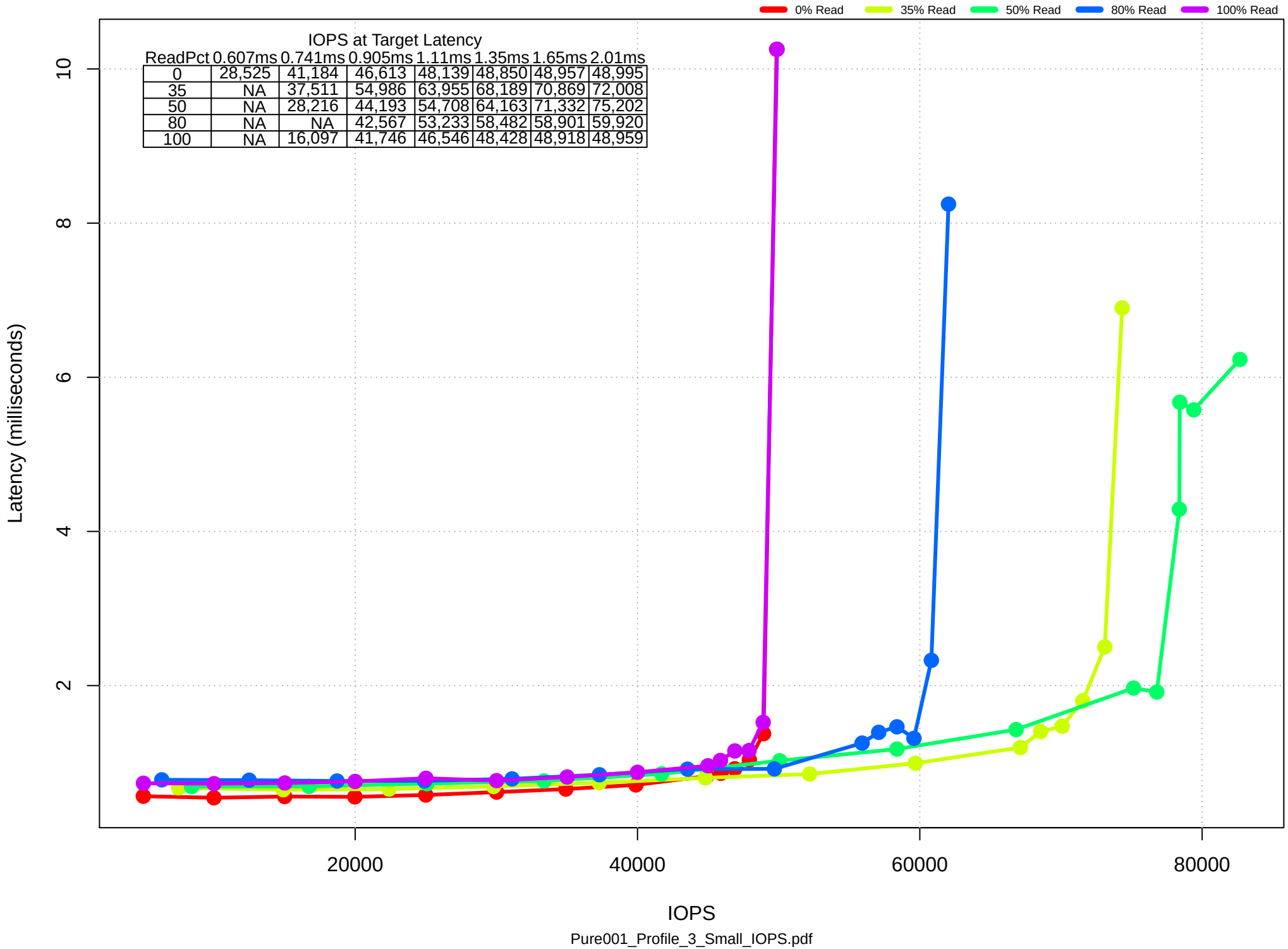


IOPS at Target Latency

ReadPct	0.522ms	0.638ms	0.705ms	0.779ms	0.861ms	0.951ms	5.21ms
0	NA	54,416	65,863	73,613	80,270	85,891	NA
35	NA	28,538	52,523	63,374	71,220	77,935	NA
50	NA	33,446	47,001	55,780	63,342	72,536	NA
80	NA	NA	31,751	57,428	64,472	69,562	98,997
100	NA	NA	38,297	58,635	65,534	71,147	96,850

Pure001_Profile_3_Small_IOPS.pdf

Latency vs. IOPS for 8K IO Size and 32 Threads/LUN

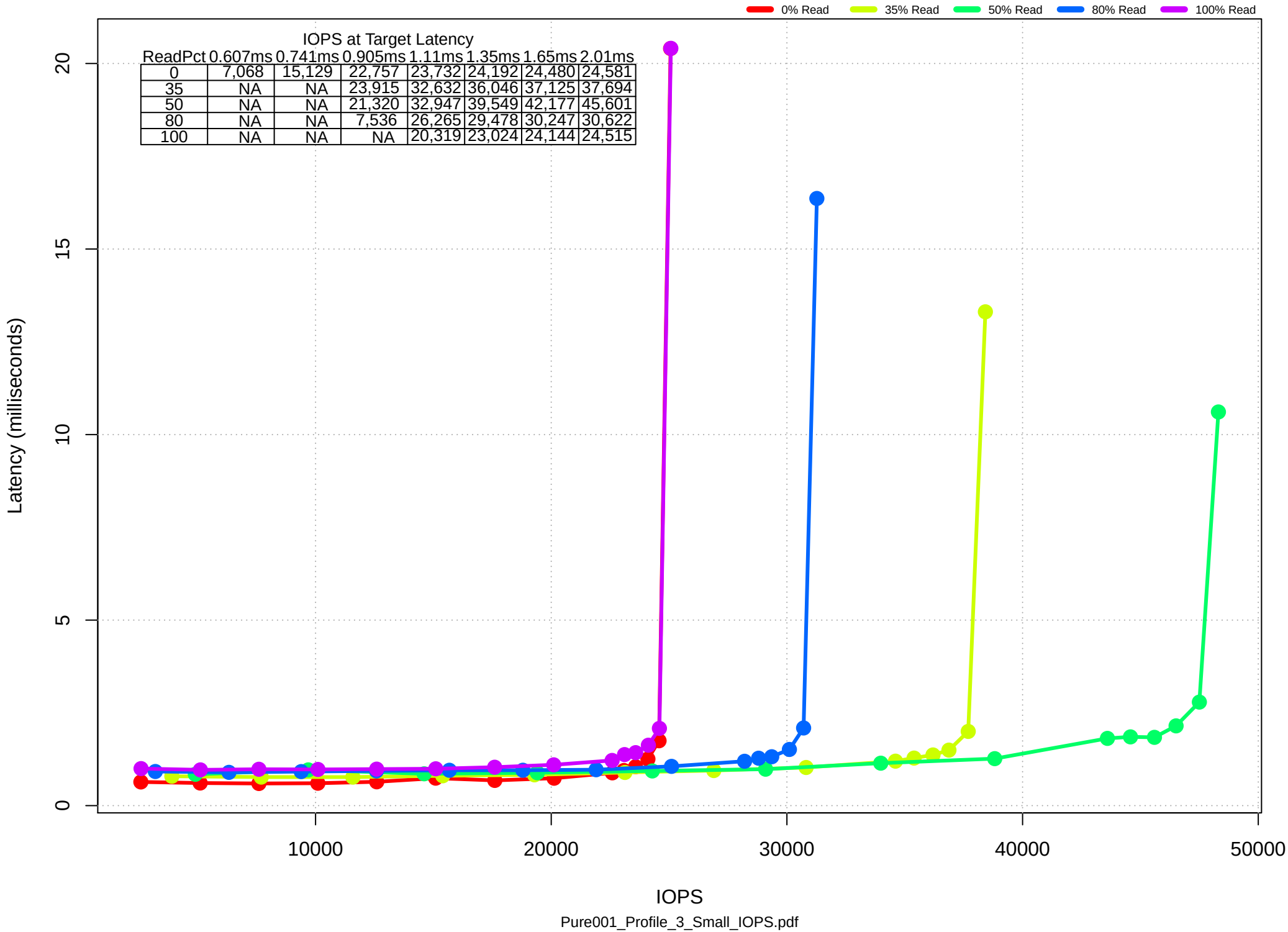


IOPS at Target Latency

ReadPct	0.607ms	0.741ms	0.905ms	1.11ms	1.35ms	1.65ms	2.01ms
0	28,525	41,184	46,613	48,139	48,850	48,957	48,995
35	NA	37,511	54,986	63,955	68,189	70,869	72,008
50	NA	28,216	44,193	54,708	64,163	71,332	75,202
80	NA	NA	42,567	53,233	58,482	58,901	59,920
100	NA	16,097	41,746	46,546	48,428	48,918	48,959

Pure001_Profile_3_Small_IOPS.pdf

Latency vs. IOPS for 16K IO Size and 32 Threads/LUN

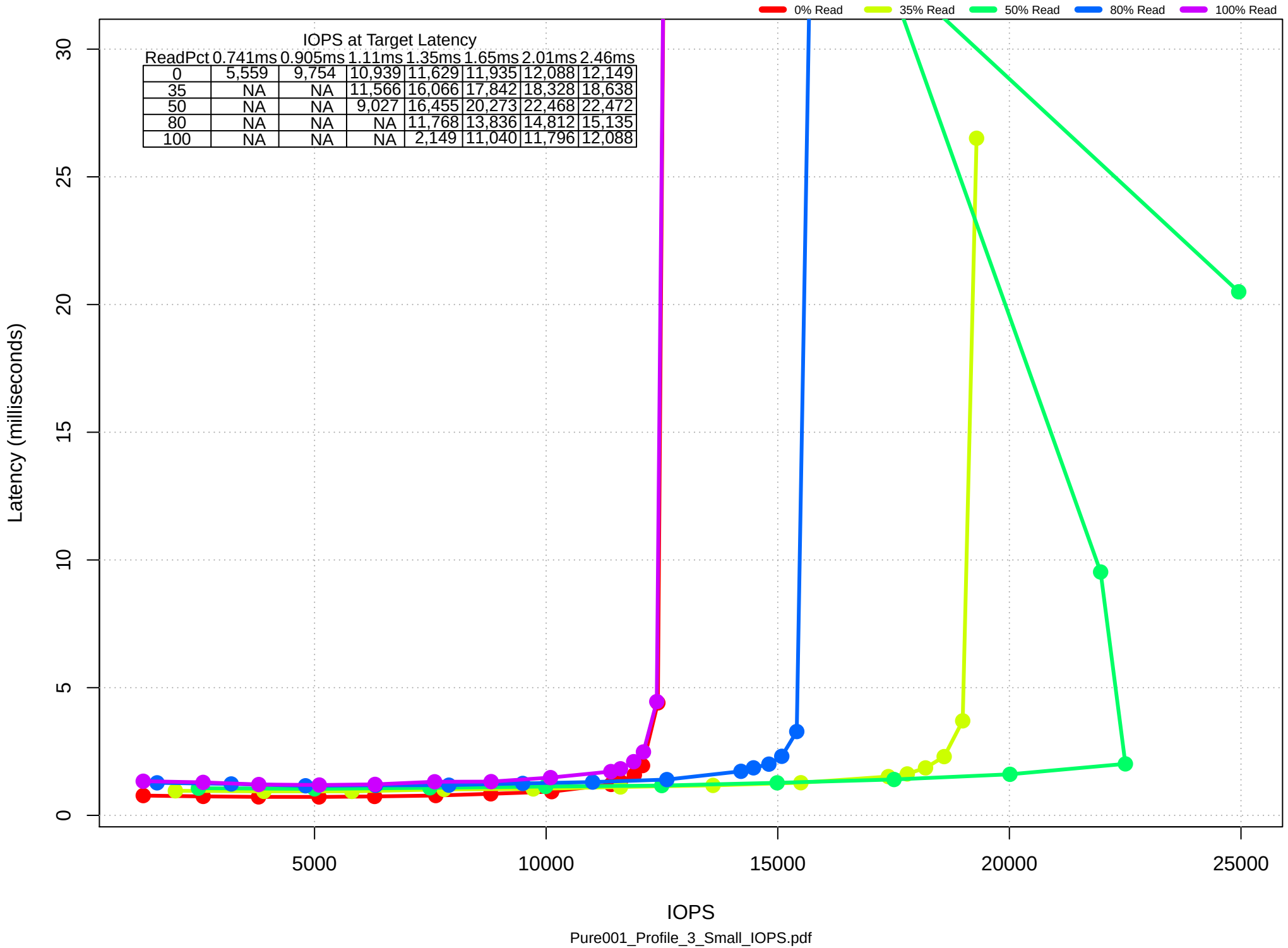


IOPS at Target Latency

ReadPct	0.607ms	0.741ms	0.905ms	1.11ms	1.35ms	1.65ms	2.01ms
0	7,068	15,129	22,757	23,732	24,192	24,480	24,581
35	NA	NA	23,915	32,632	36,046	37,125	37,694
50	NA	NA	21,320	32,947	39,549	42,177	45,601
80	NA	NA	7,536	26,265	29,478	30,247	30,622
100	NA	NA	NA	20,319	23,024	24,144	24,515

Pure001_Profile_3_Small_IOPS.pdf

Latency vs. IOPS for 32K IO Size and 32 Threads/LUN



IOPS at Target Latency

ReadPct	0.741ms	0.905ms	1.11ms	1.35ms	1.65ms	2.01ms	2.46ms
0	5,559	9,754	10,939	11,629	11,935	12,088	12,149
35	NA	NA	11,566	16,066	17,842	18,328	18,638
50	NA	NA	9,027	16,455	20,273	22,468	22,472
80	NA	NA	NA	11,768	13,836	14,812	15,135
100	NA	NA	NA	2,149	11,040	11,796	12,088

Pure001_Profile_3_Small_IOPS.pdf