## **AMKAT Without Filter AMKAT With PhiMr Filter** P-value estimated using 50 test statistics 256.00 256.00 128.00 128.00 64.00 64.00 Execution Time (minutes) 32.00 32.00 16.00 16.00 sample size 8.00 8.00 50 4.00 4.00 100 200 2.00 2.00 400 1.00 1.00 0.50 0.50 0.25 0.25 0.12 0.12 0.06 0.06 1600 100 200 200 100 **Feature Dimension** Feature Dimension