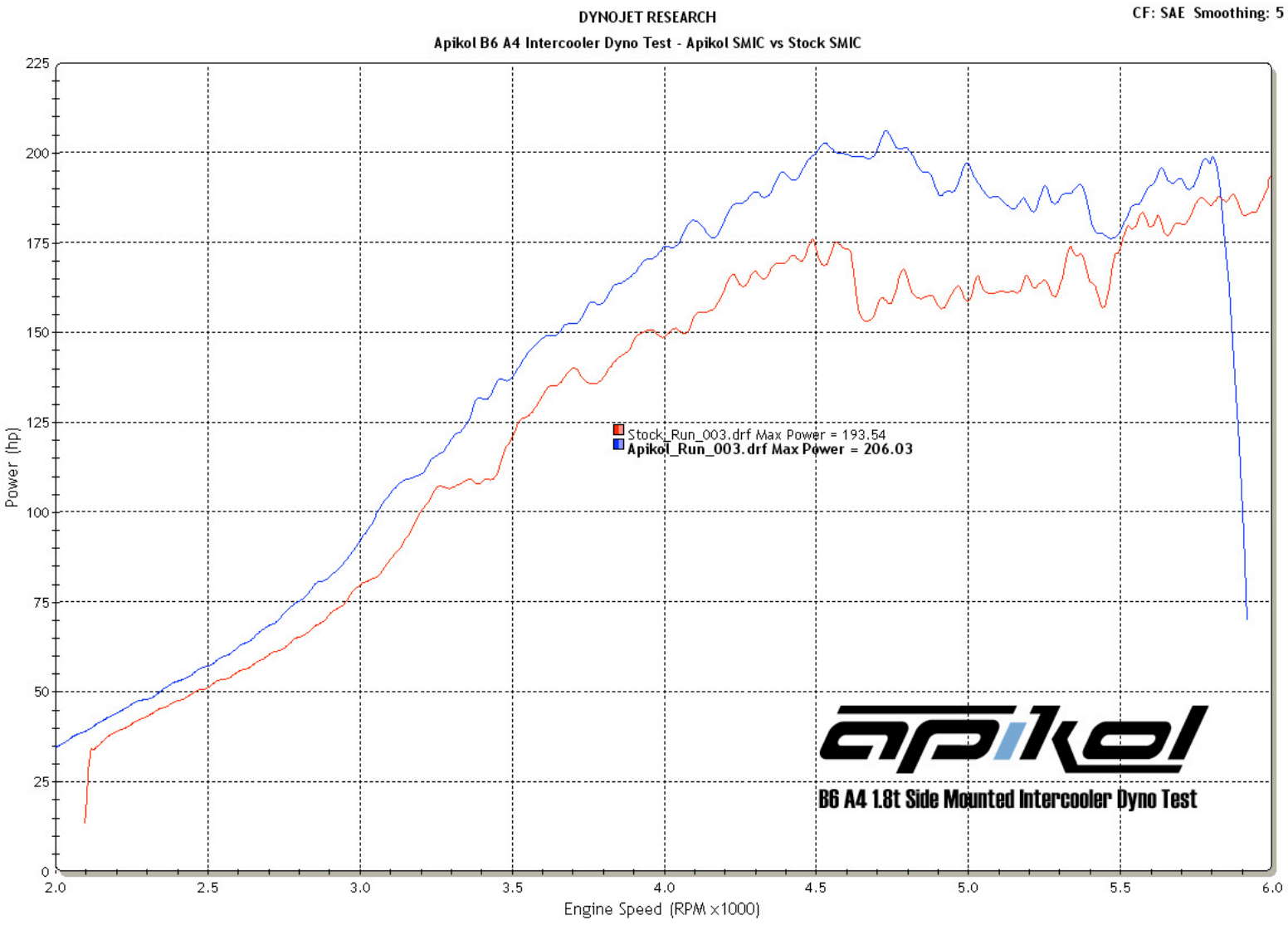
Apikol B6 A4 1.8t SMIC Dyno Testing Results

The following plots were produced during a test to compare the Apikol B6 (2002-2005) A4 1.8t Side Mounted Intercooler (SMIC) with the stock Audi Side Mounted Intercooler. The test was conducted using a Dynojet 4-wheel chassis dynamometer to measure horsepower, torque and air/fuel ratio. Intake air temperatures (intercooler outlet temperatures) were measured and logged utilizing the *Shade Tree Software ProDiag* tool. The test was performed with a APR Stage 3 Audi A4 (turbo, exhaust manifold, injectors, software, exhaust). Each intercooler was on the car for 3 full-pull dyno runs, with the car being allowed to cool between the both of the SMIC tests. The results were *very impressive*! On average, by the end of each dyno pull the intake temperatures using the stock intercooler were 45+ degrees (F) hotter than the intake temperatures using the Apikol SMIC. This extreme reduction of intake air temperature with the APIKOL SMIC resulted in power gains of **13+hp** and **25+ ft-lbs** of torque! The increased efficiency and cooling ability of the APIKOL SMIC allows your A4 1.8t to consistently produce power, with greatly reduced losses due to intercooler heat soaking effects.



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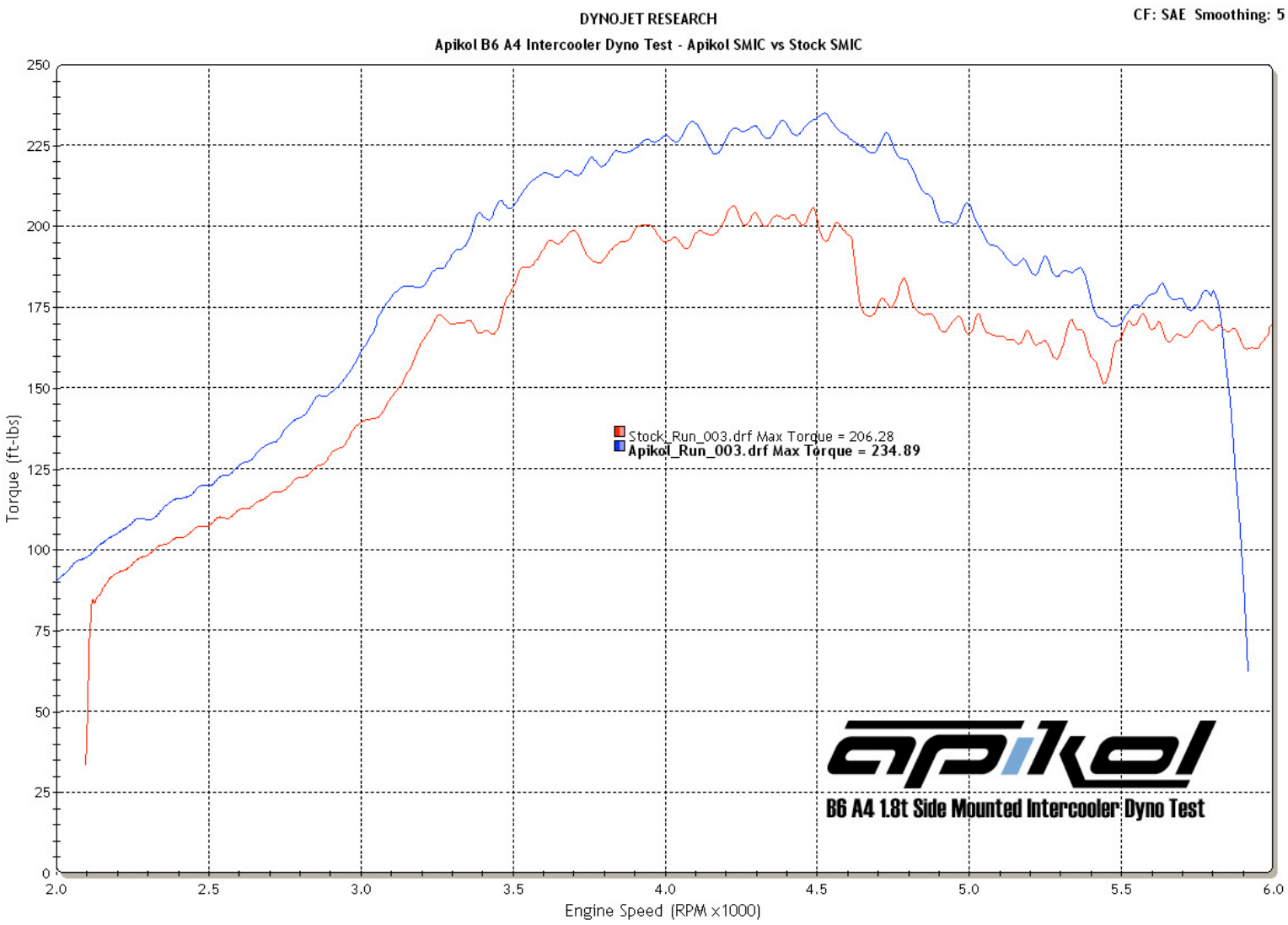

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