

SDPC 5.3 Dyno Tests

TEST 1A: 5.3 LM4/LM7, stock camshaft, 99-06 truck intake manifold and throttle body

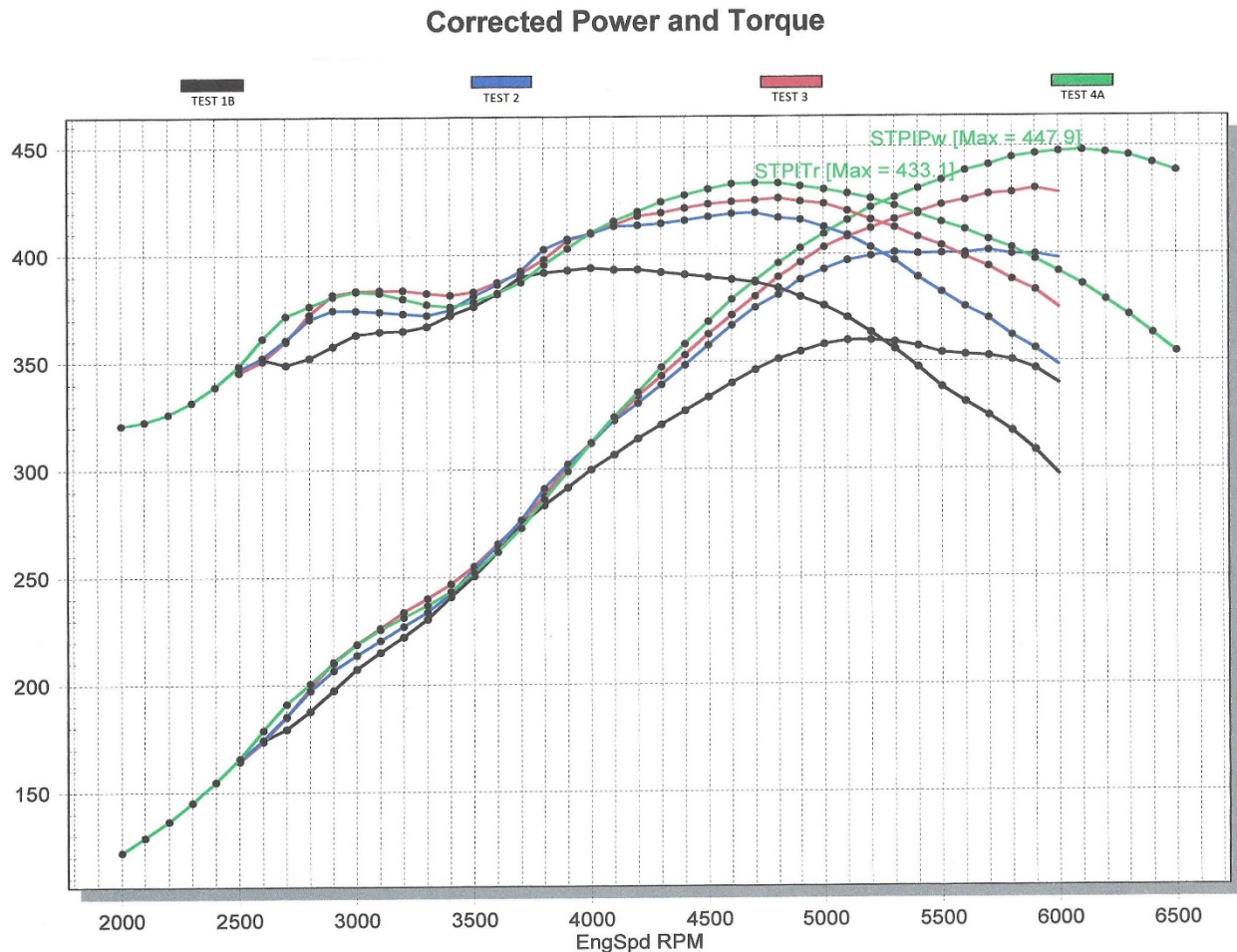
TEST 1B: 5.3 LM4/LM7, stock camshaft, TBSS intake manifold and Nick Williams 92mm

TEST 2: 5.3 LM4/LM7, SD0053 cam, TBSS intake manifold and Nick Williams 92mm

TEST 3: 5.3 LM4/LM7, LS6 Power Max cam, TBSS intake manifold and Nick Williams 92mm

TEST 4A: 5.3 LM4/LM7, LS6 Power Max PLUS cam, TBSS intake manifold and Nick Williams 92mm

TEST 4B: 5.3 LM4/LM7, LS6 Power Max PLUS cam, 99-06 truck intake manifold and throttle body



TEST 1B

5.3 LM4/LM7, stock camshaft, TBSS intake manifold and Nick Williams 92mm

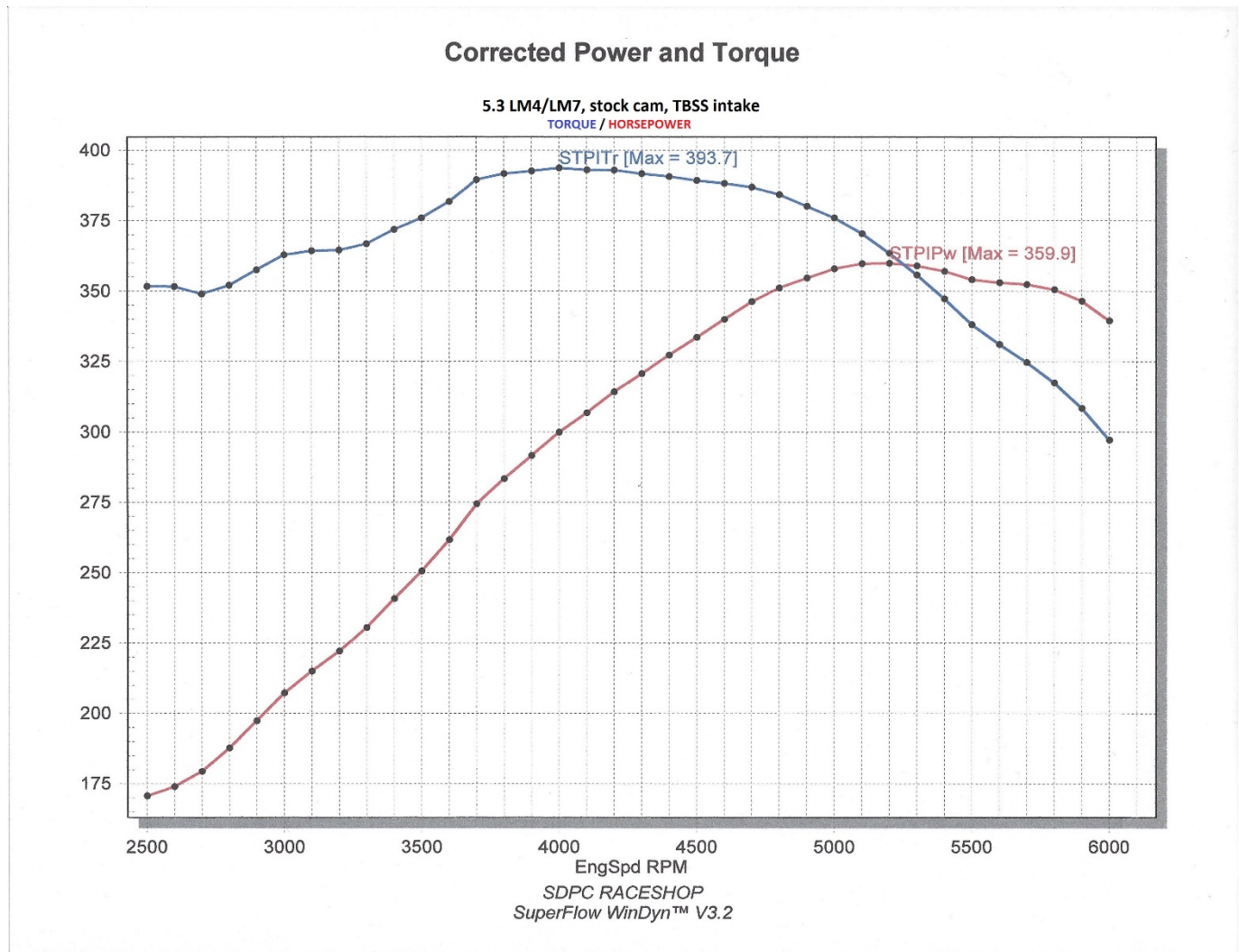
Camshaft Specs: 190/191, 0.466/0.457, 114 LSA

359.9 horsepower at 5200rpm

393.7 torque at 4000rpm

2500rpm to 6000rpm HP average: 290.8 horsepower

2500rpm to 6000rpm TQ average: 365.0 torque



TEST 2

5.3 LM4/LM7, SD0053 cam, TBSS intake manifold and Nick Williams 92mm

Camshaft Specs: 205/210, 0.550/0.525, 115 LSA

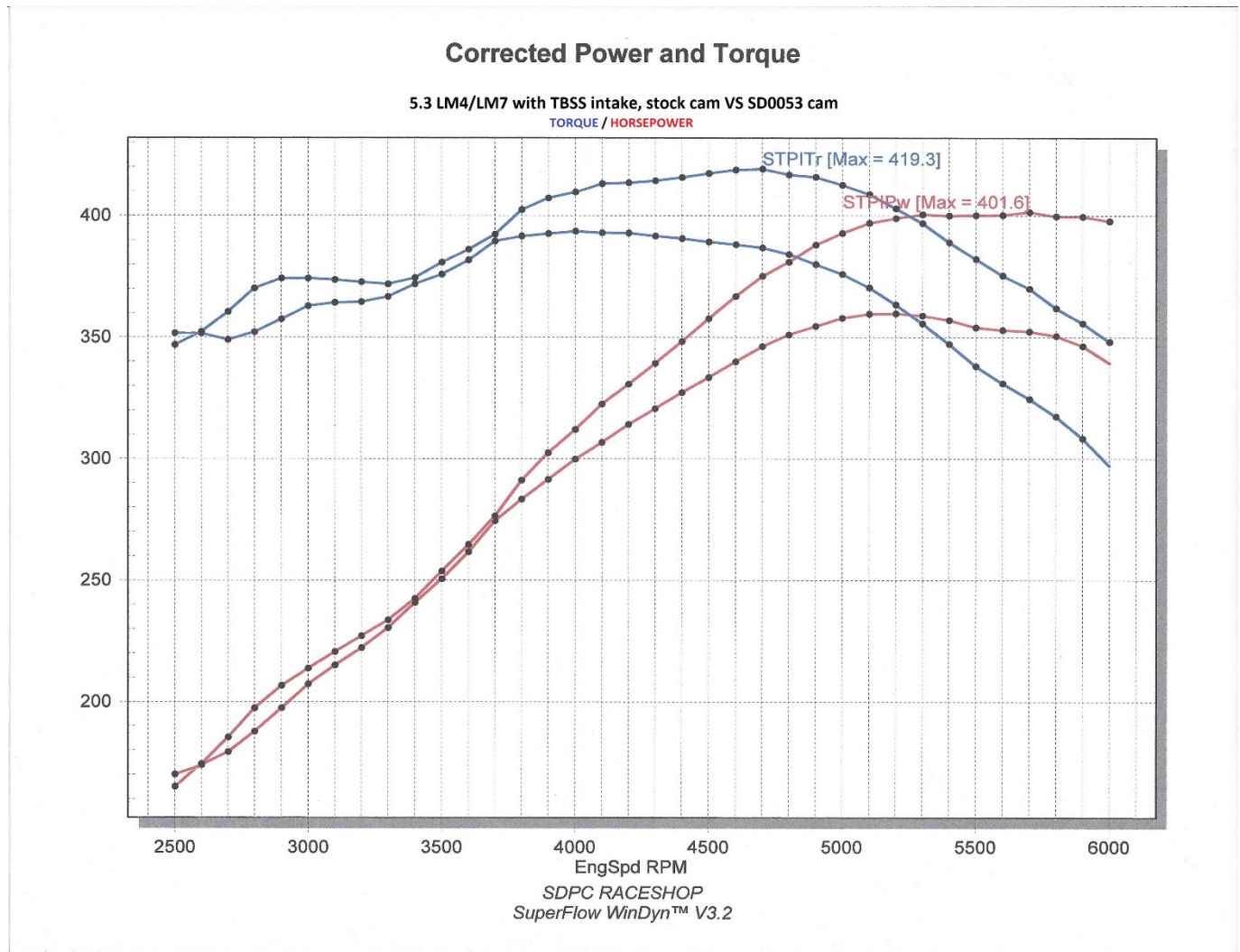
401.6 horsepower at 5700rpm, +41.7hp over stock

419.3 torque at 4700rpm, +25.6tq over stock

2500rpm to 6000rpm HP average: 315.7 horsepower, +22.1hp over stock

2500rpm to 6000rpm TQ average: 388.9 torque, +23.8tq over stock

Idle vacuum: 17.8inhg



TEST 3

5.3 LM4/LM7, LS6 Power Max cam, TBSS intake manifold and Nick Williams 92mm

Camshaft Specs: 204/222, 0.551/0.570, 112+2 LSA

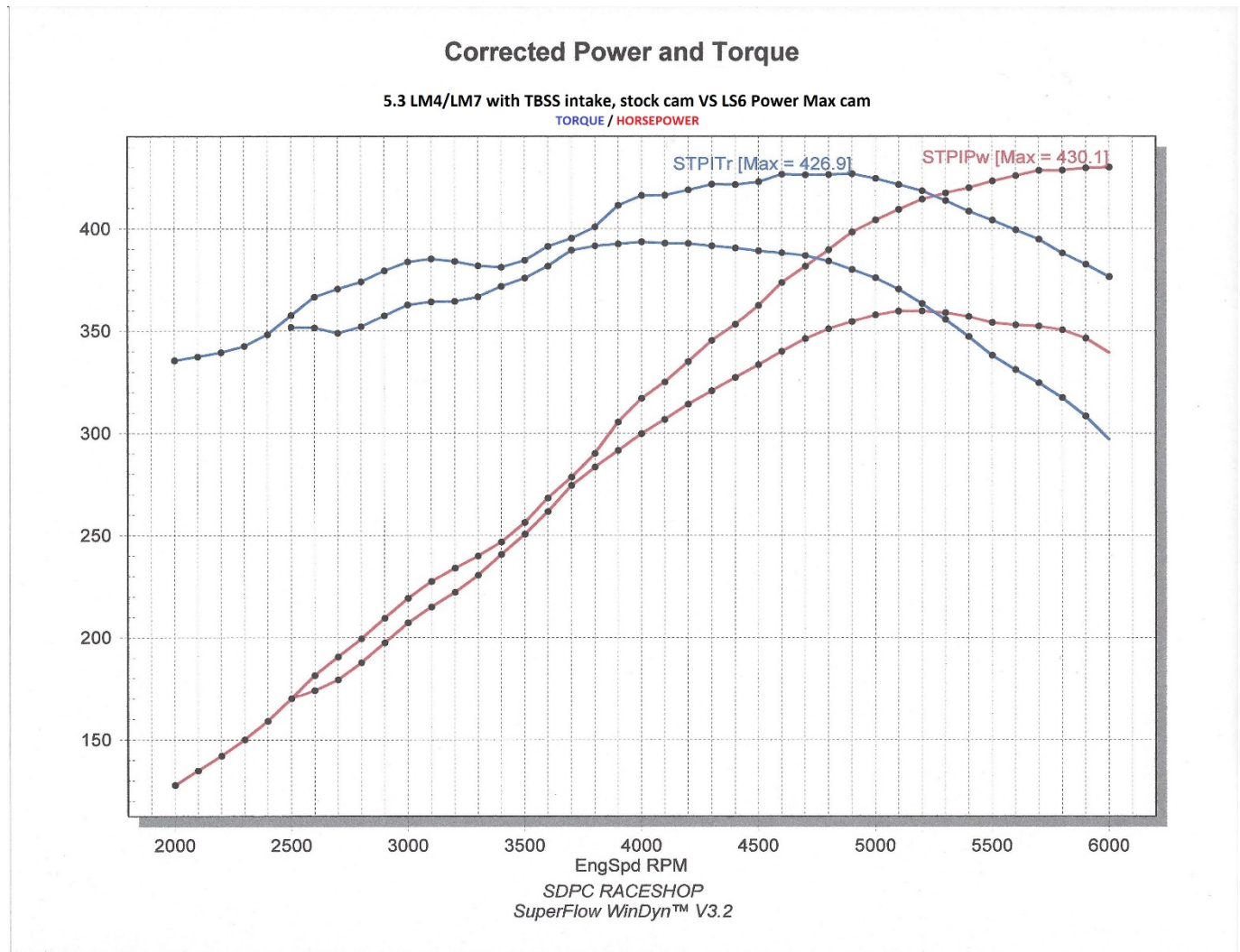
430.3 horsepower at 6000rpm, +70.4hp over stock

426.0 torque at 4700rpm, +32.3tq over stock

2500rpm to 6000rpm HP average: 325.9 horsepower, +32.3hp over stock

2500rpm to 6000rpm TQ average: 400.2 torque, +35.1tq over stock

Idle vacuum: 14.8inhg



TEST 4A

5.3 LM4/LM7, LS6 Power Max PLUS cam, TBSS intake manifold and Nick Williams 92mm

Camshaft Specs: 220/222, 0.570/0.570, 112+2 LSA

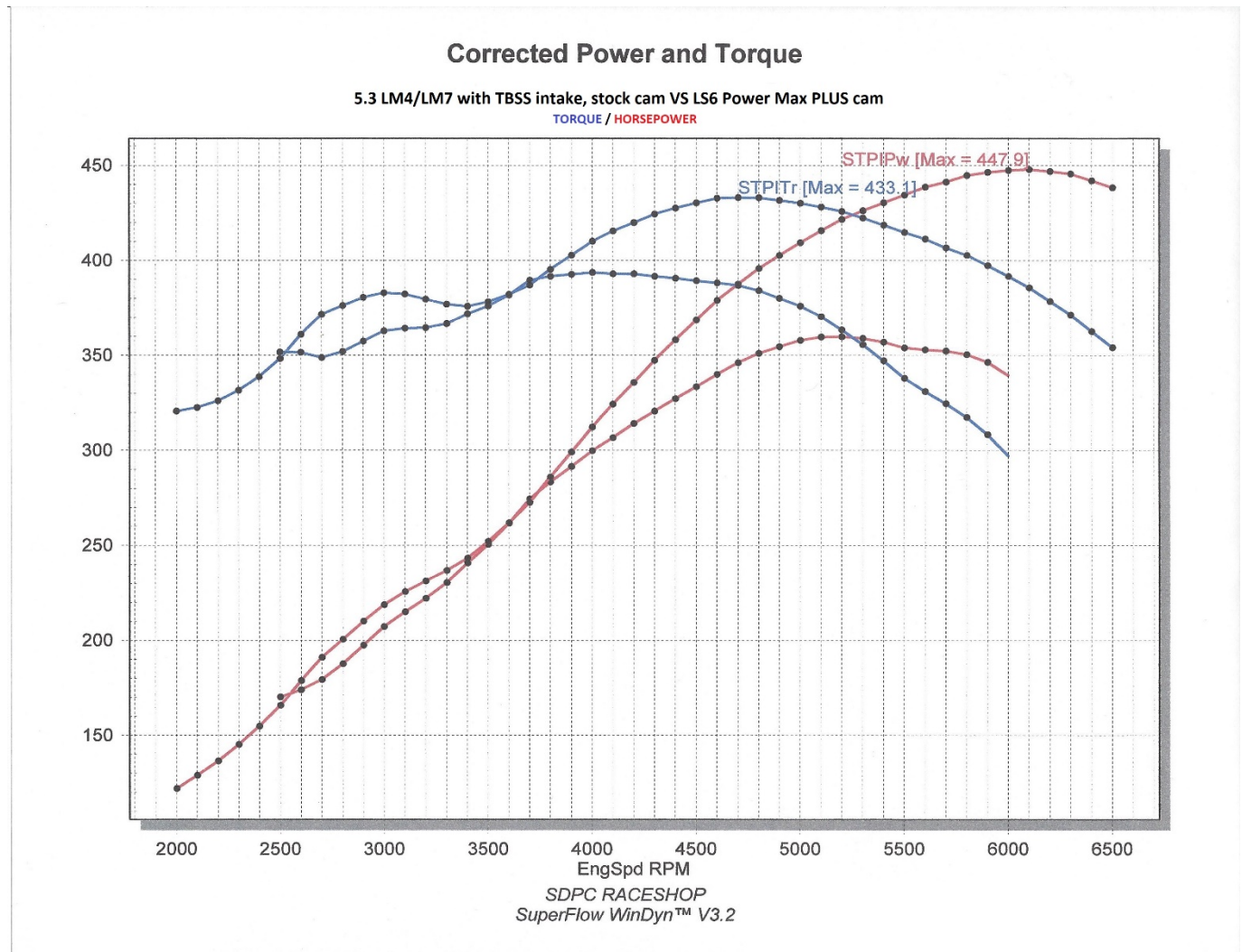
447.9 horsepower at 6100rpm, +88.0hp over stock

433.1 torque at 4700rpm, +39.4tq over stock

2500rpm to 6000rpm HP average: 329.0 horsepower, +35.4hp over stock

2500rpm to 6000rpm TQ average: 402.5 torque, +37.4tq over stock

Idle vacuum: 12.7inhg



TEST 1A vs TEST 1B

TEST 1A: 5.3 LM4/LM7, stock camshaft, 99-06 truck intake manifold and throttle body

358.1 horsepower at 5200rpm

395.1 torque at 4000rpm

TEST 1B: 5.3 LM4/LM7, stock camshaft, TBSS intake manifold and Nick Williams 92mm

359.9 horsepower at 5200rpm, +1.8hp

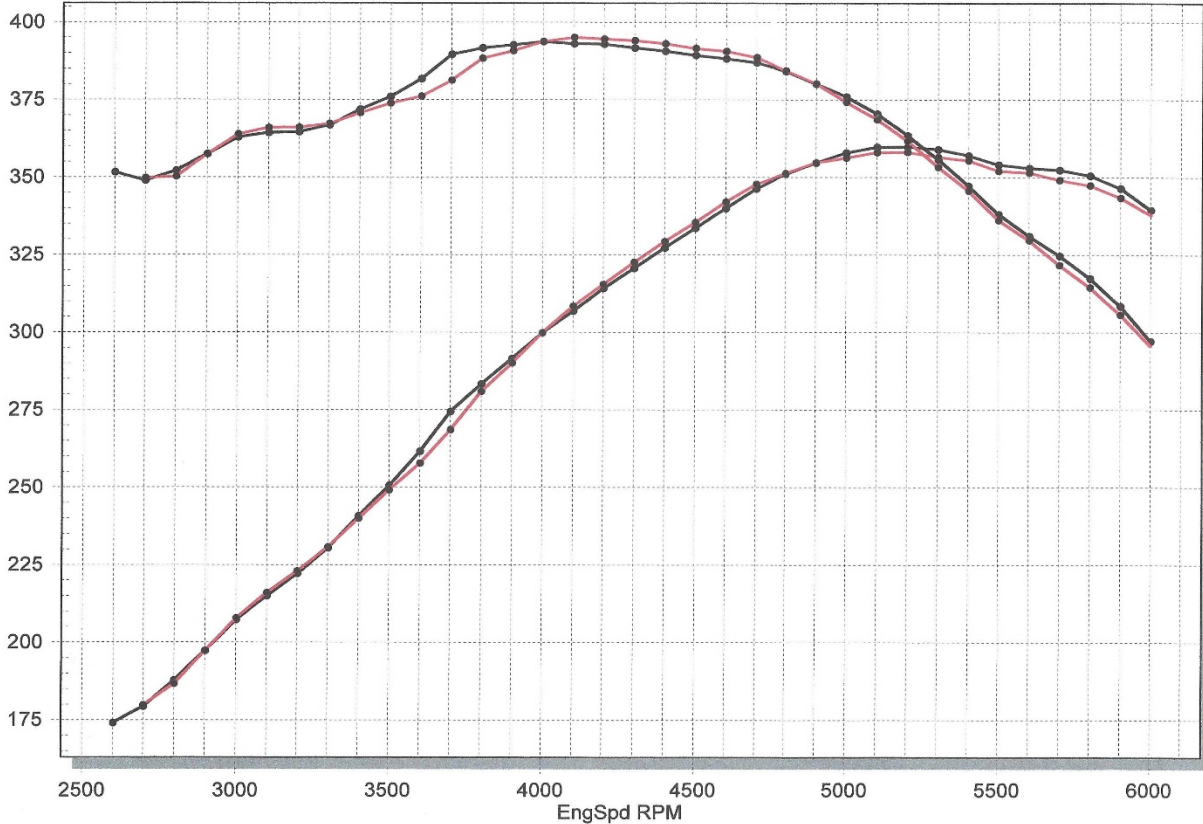
393.7 torque at 4000rpm, -1.4tq

2500rpm to 6000rpm HP average: -2.1hp

2500rpm to 6000rpm TQ average: +0.8tq

Corrected Power and Torque

TEST 1A vs TEST 1B
99-06 intake VS TBSS intake, stock cam



TEST 4B vs TEST 4A

TEST 4B: 5.3 LM4/LM7, LS6 Power Max PLUS cam, 99-06 truck intake manifold and throttle body

422.9 horsepower at 6100 rpm

408.0 torque at 4700 rpm

TEST 4A: 5.3 LM4/LM7, LS6 Power Max PLUS cam, TBSS intake manifold and Nick Williams 92mm

447.9 horsepower at 6100 rpm, +25.0hp

433.1 torque at 4700 rpm, +25.1tq

2500rpm to 6000rpm HP average: +17.9hp

2500rpm to 6000rpm TQ average: +21.3tq

Corrected Power and Torque

TEST 4A / TEST 4B

99-06 intake VS TBSS intake, LS6 Power Max PLUS cam

