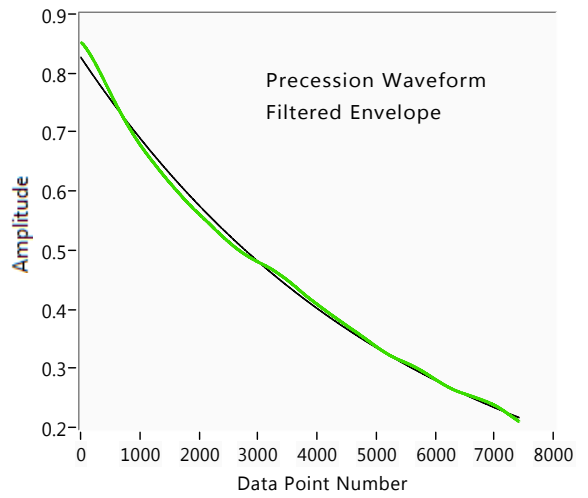
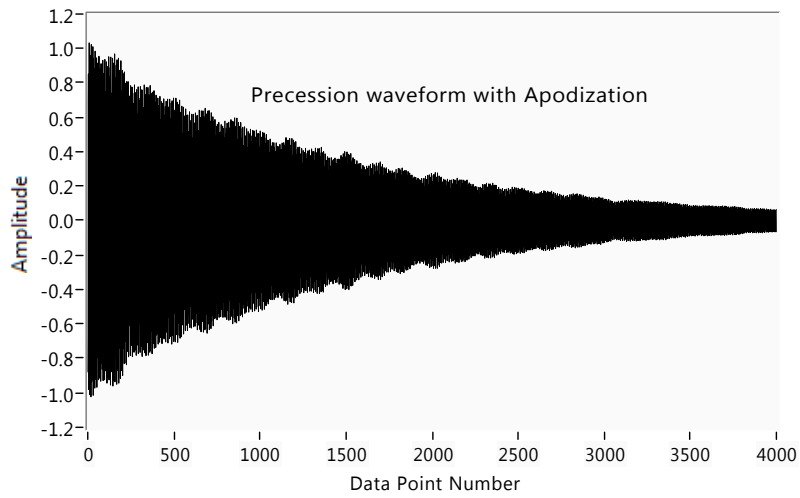
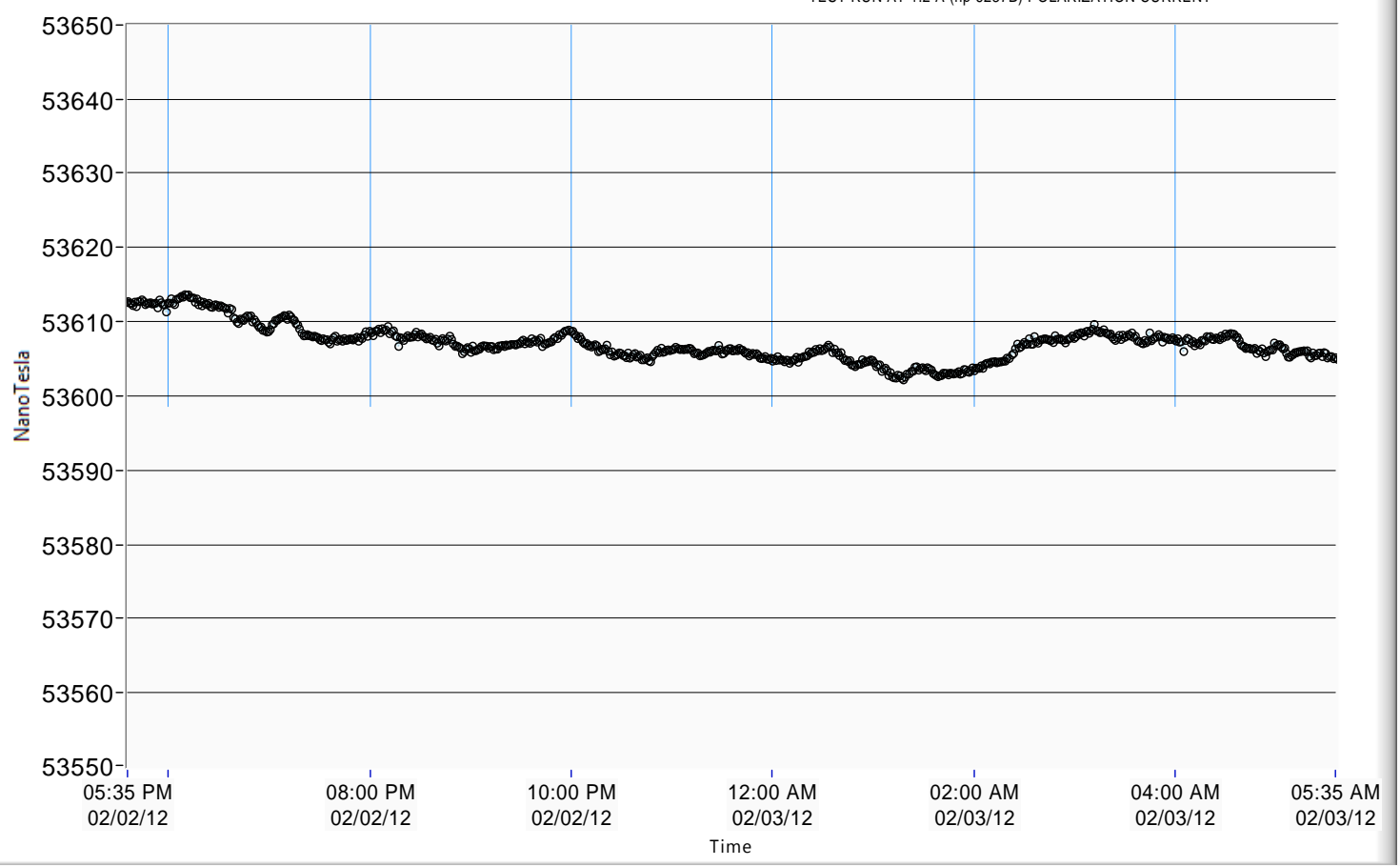


STOP



| | | | | | | | | | | | | |
|------------|-----------------|-----------------|---------------------|--|---|----------------------|------------------|--------------------|---------------|---------------------------|--------------------------|---------------|
| FAST CYCLE | FDM Amp: 0.84 V | FDM FOM: 6.0E-8 | FDM NB S/N: 46.6 dB | Msrmt STATUS: ● | time of last meas: 08:57:34 AM 2/3/2012 | FiltEnv Max: 0.827 V | Air Temp: 20.7 F | Fluid Temp: 17.0 F | Tau 2: 0.55 s | Total No. Measurmts: 2963 | No. Pltd Measurmts: 2547 | % Success: 86 |
|------------|-----------------|-----------------|---------------------|--|---|----------------------|------------------|--------------------|---------------|---------------------------|--------------------------|---------------|

TEST RUN AT 1.2 A (hp 6237B) POLARIZATION CURRENT



| | | | | |
|---|--|--------------------------------------|--|---|
| F SCALAR Vs Time | HIGH FOM: ● | PRECESSION FREQUENCY | AUTO-RETRY THRESHOLDS | Tau2 FEEDFORWARD |
| F SCALAR: 53604.28 nanoTesla | | 2281.510 Hz | FOM: 2E-6, NB S/N: 5 dB | T2 MAvg: 3, T2 Avg: 0.54, T2 Nxt PT: 0.484 s |
| Number Samples: 25000, Desired Smp Rate: 10000 Hz | Multiplier (Scale): 1.00003525 | Actual Sample Rate fs: 10000.3525 Hz | Envelope Window: 2.5 s, Exp FV: 0.0020 | PEV SERVO MAvg: 0.3944 c1, 0.2657 c3, 0.018 c2, 1.1202 c4 |
| POLARIZE TIME: 0.200 s | 0.995 s | FET ON (2 sec) | RELAY CLOSE: 18.0 nT | Set PEV: 0.85 V, GAIN: 4 |
| RELAY OPEN DELAY 1 (200 ms) | RELAY OFF DELAY 2 (20 ms) | RELAY CLOSE DELAY 3 (50 ms) | Local Offset | Polarization Time Controller: FIXED, PEV Servo, Tau 2 FF, c5 TSens: -60.919, c6 TSens: 182.11 |