Global 2.vi
C:\Users\plm\Desktop\rssmt\Global 2.vi
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E1039 Global NMR Control Panel

Settings

R F G E N + I F

Center Freq (MHz)
224.470

Freq Span (MHz)
0.250

Step Width (MHz)
0.00125

RF Level (dBm)
0.00

Tank RF
ON

IF Atten (dB)
10

D A C S

Tune (V)
1.9010

IFoffset (V)
2.7515

Phase (V)
5.1000

Logoffset (V)
-5.3800

 # Sample/step
1

A D C

Invert Polarity
ON

IF / LOG Det

Gain
MAX

I / O

File name
C:\users\plm\Desktop\rssmt\NMR3544801520.xls

# of Sweeps
1000

AutoTune
ON

RemovePed
ON

Gauss Fit
ON

Polarization Calib Constant
0.200

D A T A   A N A L Y S I S

Quality cuts
ON

Subtract Q curve
ON

Real/Quad Q curve

Amp of Q curve
0.750

Q curve file
NMRave.xls

Results

S w e e p

Sweep #
982

Peak amp (V)
0.5933

Pedestal Diff (V)
-0.008

Sample RMS (V)
0.0000

Peak area (mV-MHz)
2.96662

Peak center (MHz)
224.471

A v e r a g e s

 # Good Spectra
986

Peak mean (V)
0.5911

S/N
70.4

Temp (C)
26.62

+3V supply
3.284

ADC volts OK ●   Pedestal OK ●   RF OK ●   1st Sweep ●

Data
Fit

NMR Graph + Fit

Pedestal Difference   Plot 0

Pedestal Offset   Plot 0

Peak Height / Polarization %   Plot 0

Peak Height Distribution   Plot 0

Temperature (C)   Plot 0