Global 2.vi
C:\Users\plm\Desktop\rssmt\Global 2.vi
Last modified on 6/28/2016 at 3:20 PM
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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): 0.200
Step Width (MHz): 0.00100
RF Level (dBm): 0.00

Tank RF: ON
IF Atten (dB): 10

Tune (V): 2.4990
IFoffset (V): 3.7884
Phase (V): 4.5000
Logoffset (V): -5.3800

D A C S

Sample/step: 20
Invert Polarity: ON
IF / LOG Det
Gain: MAX

A D C

I / O
File name: C:\users\plm\Desktop\rssmt\data\TEQ3552326544.

# of Sweeps: 1000
AutoTune: ON
RemovePed: ON
Gauss Fit: OFF
Polarization Calib Constant: 1.00

Quality cuts: ON
Subtract Q curve: ON
Real/Quad Q curve
Amp of Q curve: 1.70

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

Results

S w e e p

Sweep #: 1000
Peak amp (V): 0.1433
Pedestal Diff (V): 0.001
Sample RMS (V): 0.0000
Peak area (mV-MHz): 3.42212
Peak center (MHz): 224.471

Good Spectra: 990
Peak mean (V): 0.1421
S/N: 145
Temp (C): 27.00
+3V supply: 3.279

A v e r a g e s

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

Q curve file: NMRave.xls
Q Comment: Unused
TEQ file: NMRave.xls
TEQ Comment: Unused

Measurement: TEQ
Commentary: 224 MHz crystal, SMT03 RF Gen