

T1_meas_freq.vi

C:\F61\sw\T1_meas_freq.vi

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STOP

semester

ws17

folder

26.03.18

data file

GAS00T1

scan freq [kHz]

10

appended array

0

subarray

200

peak window

Cursors:

X

810

810

1270

meas. time

1000

spin echo

900

del T (+)

10

gain

1000

time-out signal

6

spin echo

0

hlim

810,1

hlim

14,492

hlim

1197,5

GO

GO

1) single measurement:

amplitude

amplitude window

Fourier spectrum

Amplitude

Time [ms]

Amplitude

Time [ms]

Amplitude

Frequency [Hz]

2) many measurements:

GO

number meas

10

10

data measured:

avg peak

0,00

error avg peak

0,000

3) write data to file, update plot:

GO

echo time

0

echo ampl

0

error echo

0,00;

0

200

300

400

500

600

700

800

0

0

0

0,00

0,00

0,00

0,00;

0,00;

0,00;

0,00;

0,00;

0,00;

0,00;

0,00;

Amplitude

Time [ms]

Y-range

0

200

1,5

1,25

1

0,75

0,5

0,25

0

0

100

200

300

400

500

600

700

800

900

1000

Time [ms]

X-range

1500

4) don't write data, update plot, no fit:

GO

5) fit:

FIT

init values:

T1 [ms]

100

A

400

fit values:

T1 [ms]

118,8

A

1,4

error T1 [ms]

2,2

error A

0,0