	Q_H	Q_V	$9-Q_H$	$9-Q_V$
1	4.4233	4.4433	4.5767	4.5567
2	4.3800	4.5500	4.6200	

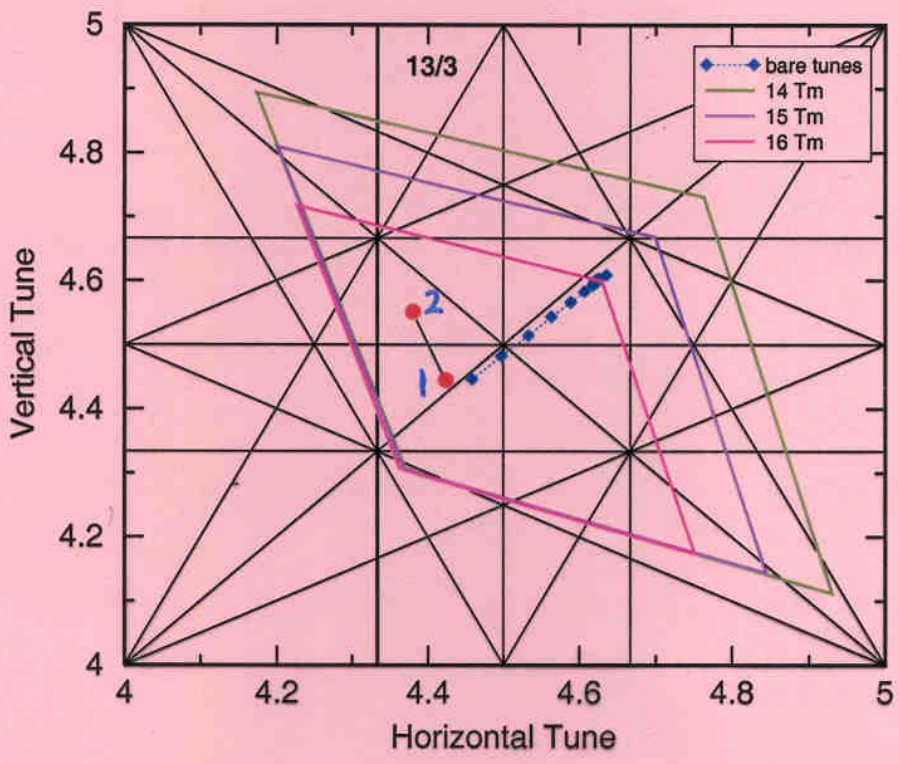
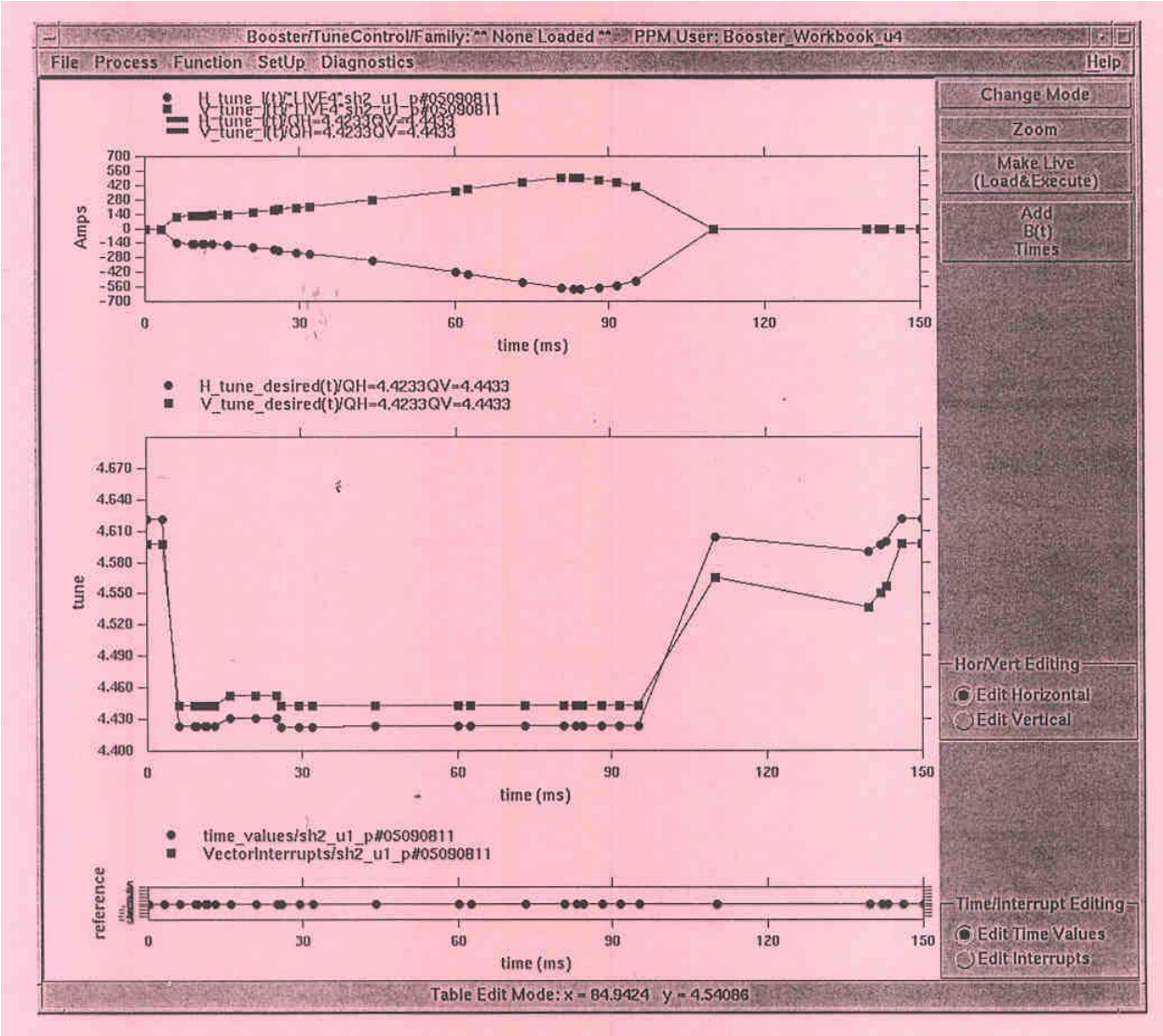
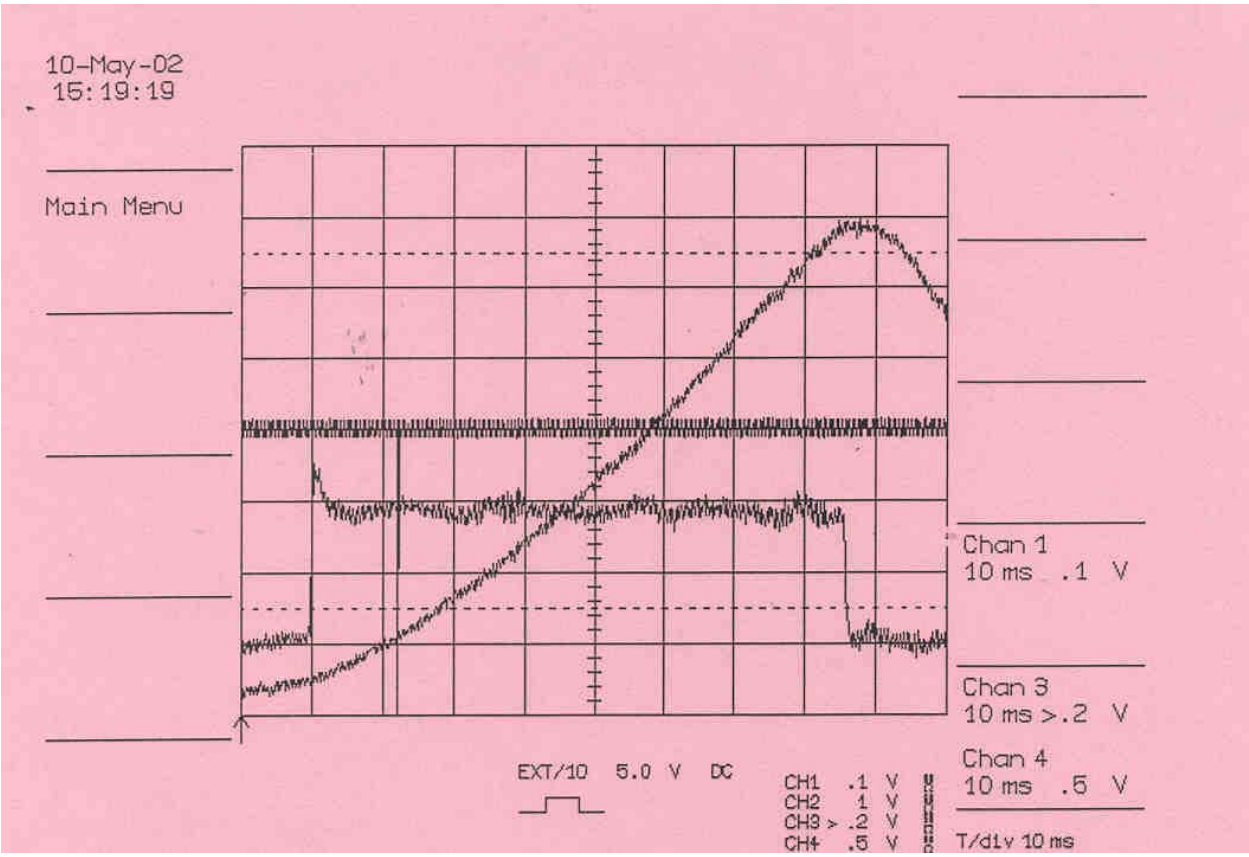
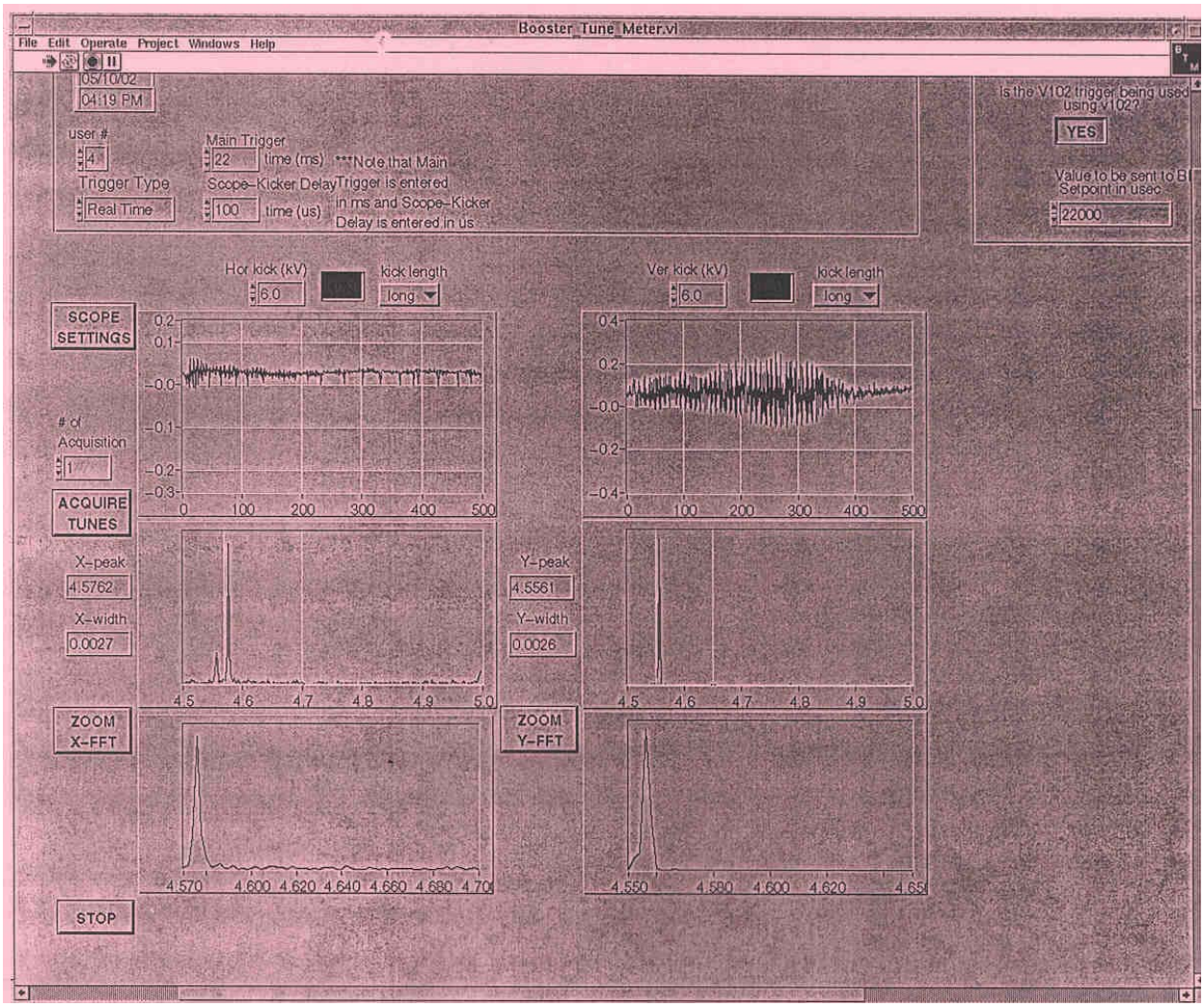


Figure 1: Tune Manipulation at Injection


Booster/TuneControl/Family: ** None Loaded ** PPM User: Booster_Workbook_u4
File Process Function SetUp Diagnostics
Help
H_tune_I(t)*LIVE4*sh2_u1_p#05090811
V_tune_I(t)*LIVE4*sh2_u1_p#05090811
H_tune_I(t)/QH=4.4233QV=4.4433
V_tune_I(t)/QH=4.4233QV=4.4433
Amps
time (ms)
H_tune_desired(t)/QH=4.4233QV=4.4433
V_tune_desired(t)/QH=4.4233QV=4.4433
tune
time (ms)
time_values/sh2_u1_p#05090811
VectorInterrupts/sh2_u1_p#05090811
reference
time (ms)
Change Mode
Zoom
Make Live (Load&Execute)
Add B(t) Times
Hor/Vert Editing
Edit Horizontal
Edit Vertical
Time/Interrupt Editing
Edit Time Values
Edit Interrupts
Table Edit Mode: x = 84.9424 y = 4.54086


10-May-02
15:19:19
Main Menu
Chan 1
10 ms .1 V
Chan 3
10 ms >.2 V
Chan 4
10 ms .5 V
EXT/10 5.0 V DC
CH1 .1 V
CH2 1 V
CH3 > .2 V
CH4 .5 V
T/div 10 ms


Booster_Tune_Meter.vi
File Edit Operate Project Windows Help
05/10/02
04:19 PM
user #
4
Trigger Type
Real Time
Main Trigger
22
time (ms)
***Note that Main Trigger is entered in ms and Scope-Kicker Delay is entered in us
Scope-Kicker Delay
100
time (us)
Is the V102 trigger being used using V102?
YES
Value to be sent to B
Setpoint in usec
22000
Hor kick (kV)
6.0
kick length
long
Ver kick (kV)
6.0
kick length
long
SCOPE SETTINGS
# of Acquisition
1
ACQUIRE TUNES
X-peak
4.5762
X-width
0.0027
Y-peak
4.5561
Y-width
0.0026
ZOOM X-FFT
ZOOM Y-FFT
STOP