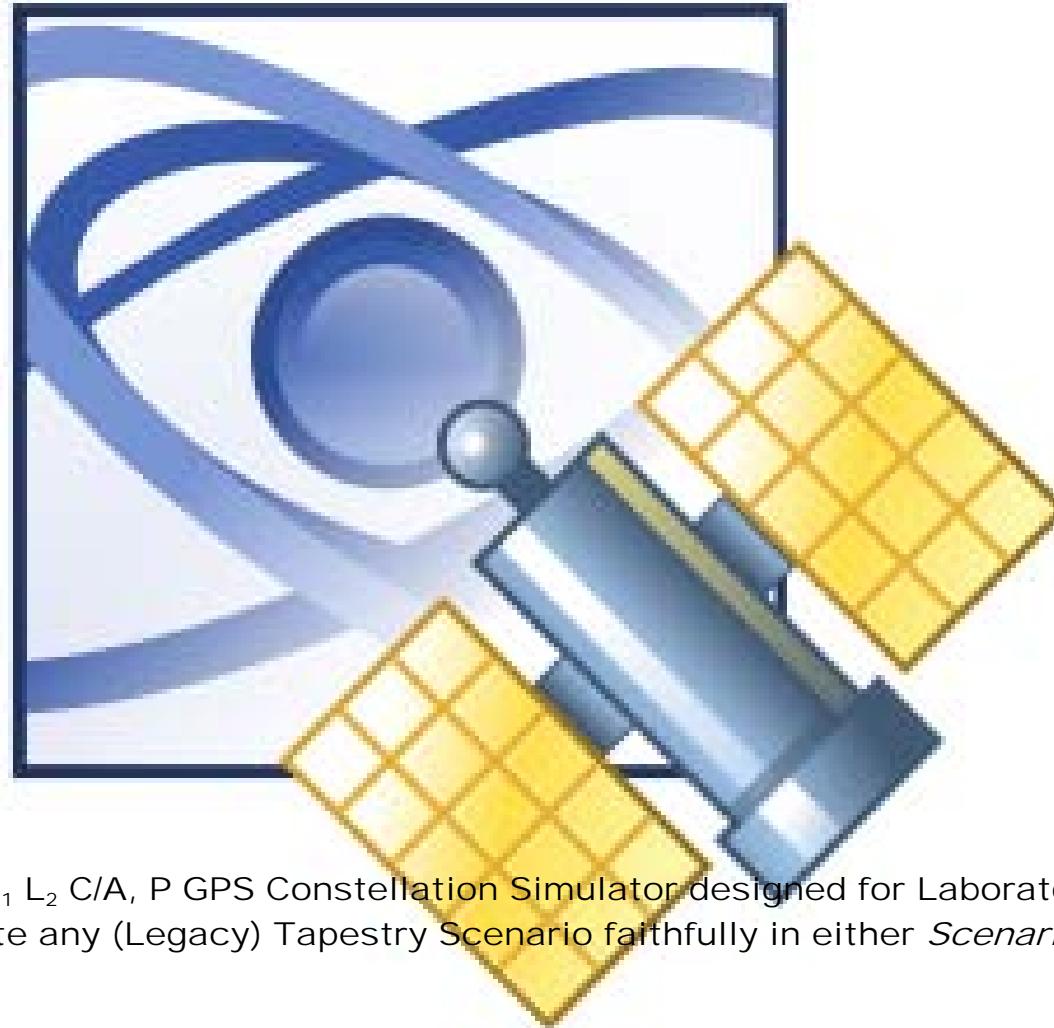


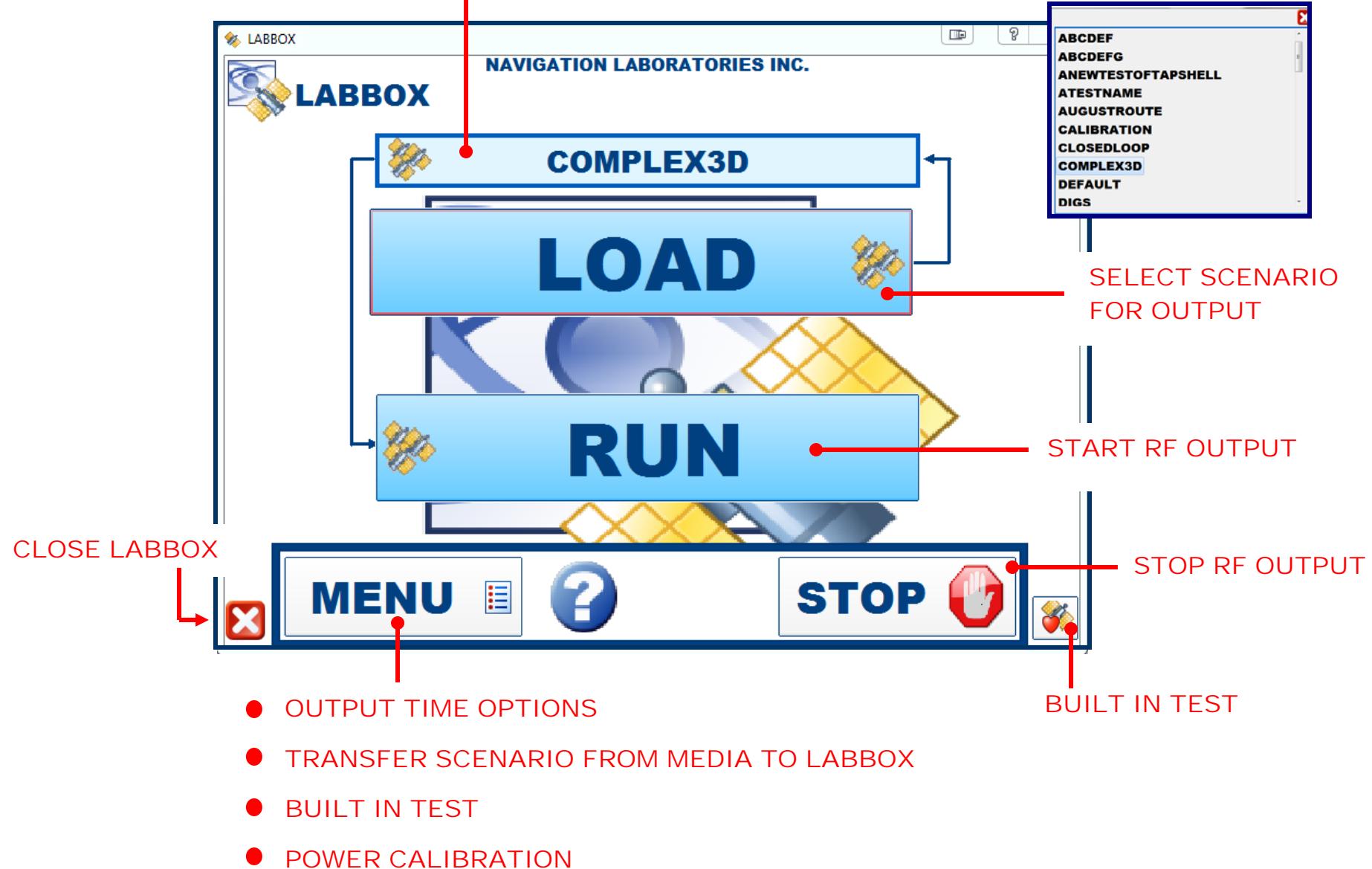
LABBOX

L₁ L₂ DESKTOP CONSTELLATION SIMULATOR



LABBOX is a 12 channel L₁ L₂ C/A, P GPS Constellation Simulator designed for Laboratory desk-top use. LABBOX will replicate any (Legacy) Tapestry Scenario faithfully in either *Scenario-Time* or *Real-Clock Time*.

SCENARIO LOADED INTO THE
SIMULATOR READY TO RUN



LOAD



THE LOADED SCENARIO IS
SHOWN HERE



SELECT SCENARIO TO OUTPUT

TO ADD SCENARIOS USE THE
TRANSFER FUNCTION [MENU]





RUN

STARTS THE [LOADED] SCENARIO
OUTPUT

RUN STATUS

TIME
1643 87 2011:7:3 0:1:27

SVID / ELEV
02 04 07 08 09 11 15 17 26 28 00 00
09 12 03 35 24 14 31 74 04 36 00 00

GEODETIC
33.98023 -117.94156 1338.05 M 100.0 M/S

ECEF
-2481360.3 -4678265.0 3545376.4 M
66.1 -74.4 9.6 M/S

STOP

L1 L2 6

	RANGE(M)	RATE(M/S)	IONO (L1 L2)	TROPO(M)
1	2	24987634.8	-589.8	13.0 21.4
2	4	24403896.1	-644.7	12.0 19.8
3	7	25386302.9	709.2	13.7 22.5
4	8	22105341.9	564.1	7.0 11.6
5	9	22828709.5	-683.6	9.2 15.2
6	11	24087255.7	478.7	10.2 16.8
7	15	22801084.9	464.6	8.0 13.2
8	17	20457698.2	167.2	4.6 7.5
9	26	24951690.6	-490.7	14.3 23.6
10	28	22484975.6	273.2	6.8 11.3
11	0	0.0	0.0	0.0 0.0
12	0	0.0	0.0	0.0 0.0
13	-	-	-	- -
14	-	-	-	- -
15	-	-	-	- -
16	-	-	-	- -

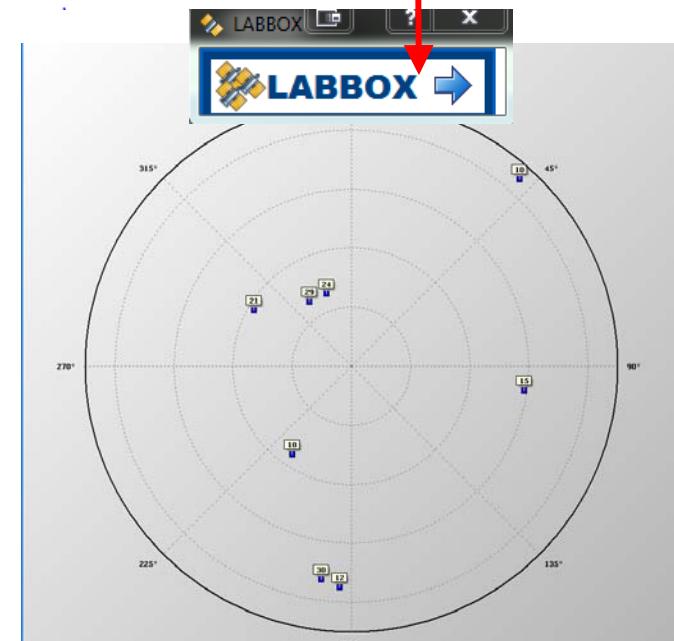
STOP

SHOW THE RUN STATUS AND
POWER SCREEN

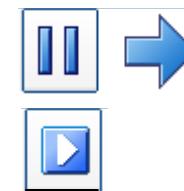
RF Control (dB)

mon RF Gain(dB): 3

Chan	Sv	L1 Atten	L2 Atten	El
All				
1	10	15.4	5.3	5
2	12	16.9	5.3	15
3	15	9.0	5.3	31
4	18	8.1	5.3	55
5	21	6.6	5.3	52
6	24	6.3	5.3	65
7	29	6.4	5.3	64
8	30	14.9	5.3	18
9				
10				
11				
12				



PAUSE /RESUME
STATUS DISPLAY



NEXT SCREEN
(OF 3)

CLICK THIS TO RETURN TO
RUN STATUS SCREEN 1

MENU



USES SCENARIO TIME UNLESS
YOU ENTER OTHERWISE

MENU



START TIME



TRANSFER



CALIBRATE

CALIBRATE

START

BUILT IN TEST

HW BIT

SW VERSION 1006

SELECT THE SCENARIO
FROM USB DRIVE OR
OTHER MEDIA

USE GREEN EXIT TO SAVE CHANGES,
RED = QUIT

START TIME

SIMULATION START TIME

DATE

TIME

7/ 3/2011 12:00:01 AM

WEEK

SECONDS

1643

1

USE COMPUTER TIME

1643

1

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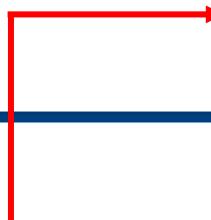
1

164



CALIBRATE

SEE THIS [DOCUMENT](#) FOR
CALIBRATION PROCEDURES



CALIBRATE

START

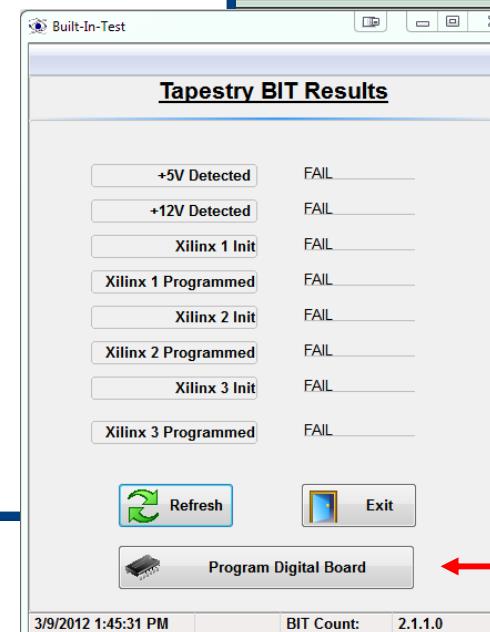
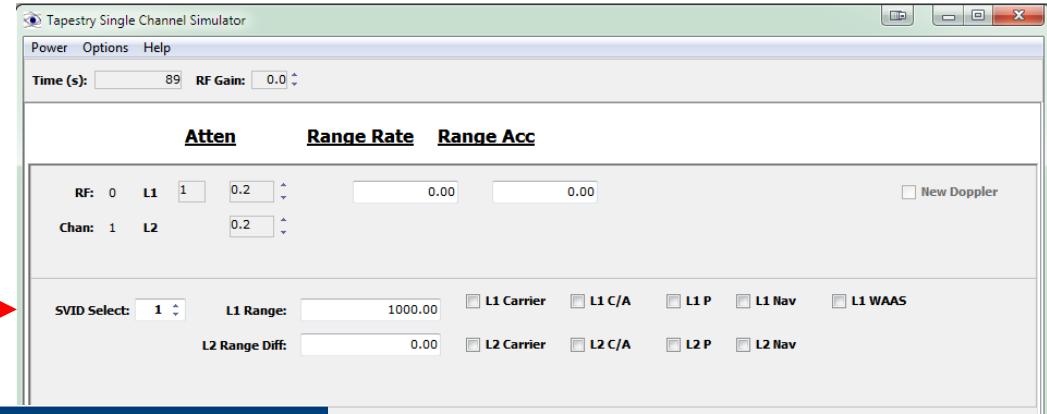


BUILT IN TEST

HW BIT



SW VERSION 1006



? +5V / +12V FAIL
CHECK THAT BOTH AC PLUGS
ARE ATTACHED,
CHECK FUSE (1.5 A)



LABBOX SETUP

ALCDP8VGATS

800 X 600 TOUCH SCREEN.

ATTACH MONITOR TO MOUNT ON THE TOP
OF THE CHASSIS.



2 PLUGS

DOUBLE CLICK LABBOX SHORT CUT