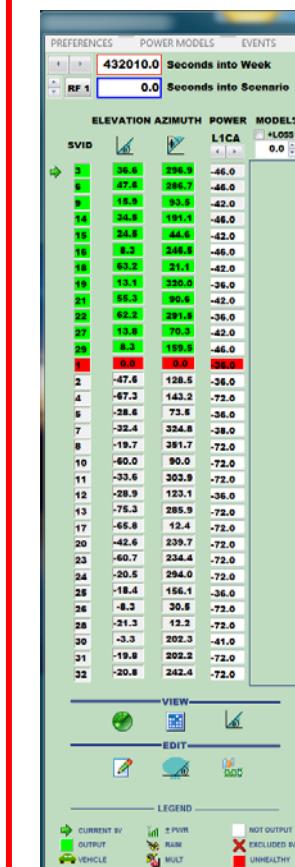
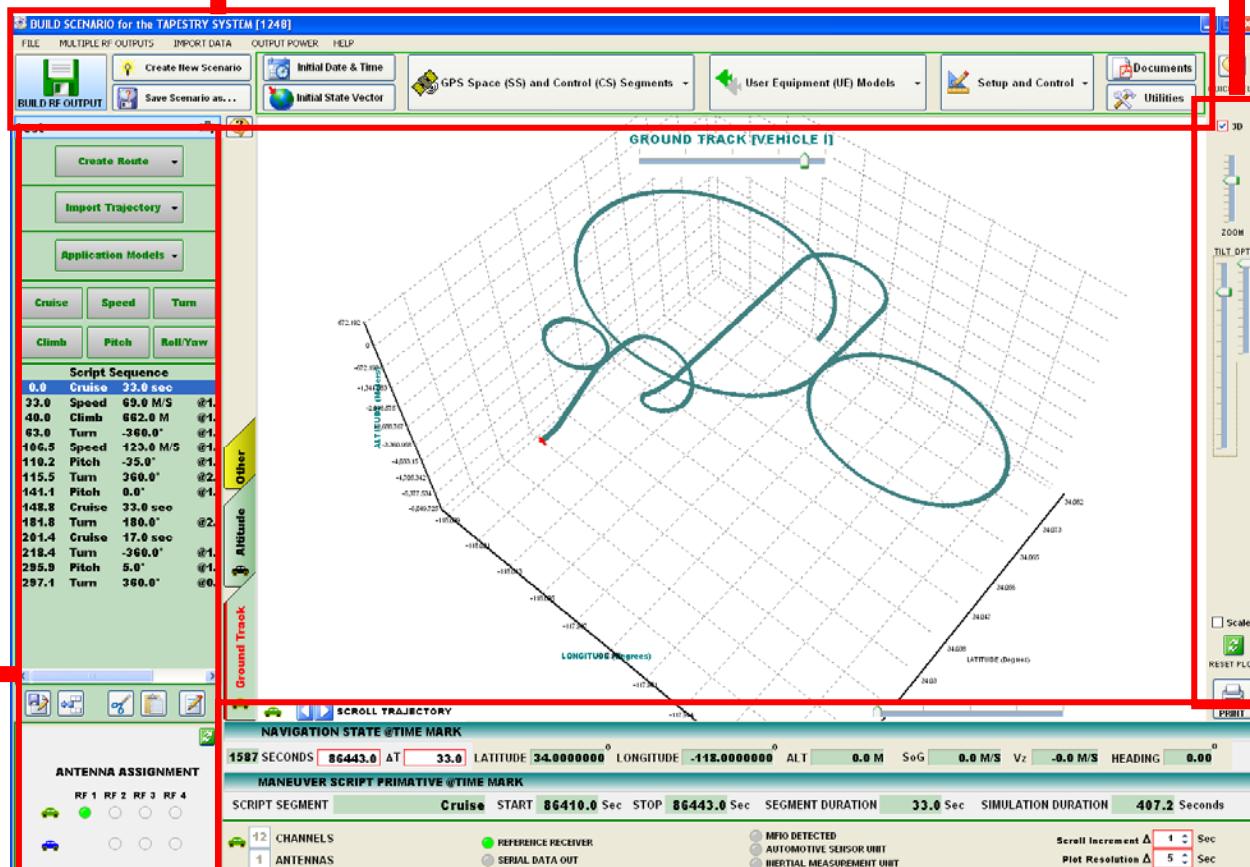


< CLICK >  to follow LINK



! SETTING UP HARDWARE

! GETTING STARTED

! USERS GUIDE

A

MENU BAR & PULLDOWNS

Build Scenario for RF Output

Create New Scenario Wizard

Initial Date and Time

Initial Location, Velocity, and Attitude



Create New Scenario
Save Scenario as...

Initial Date & Time
Initial State Vector

GPS Space (SS) and Control (CS) Segments

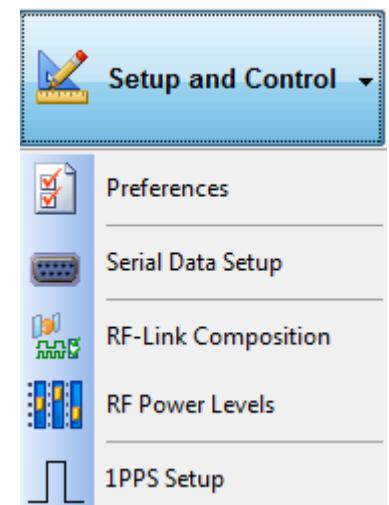
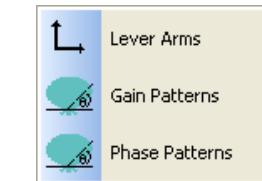
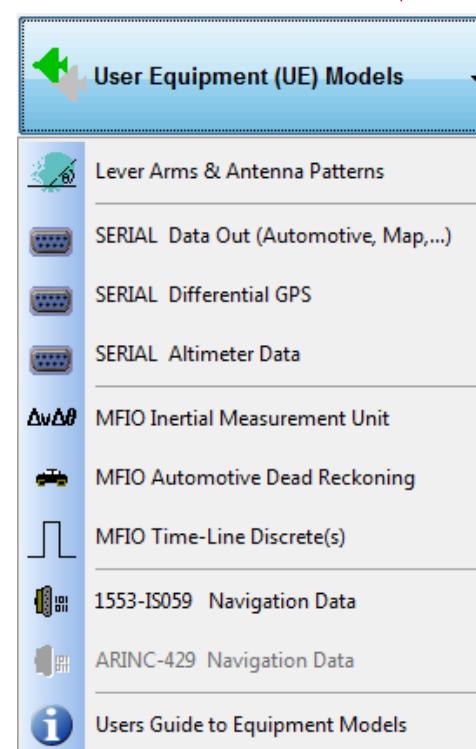
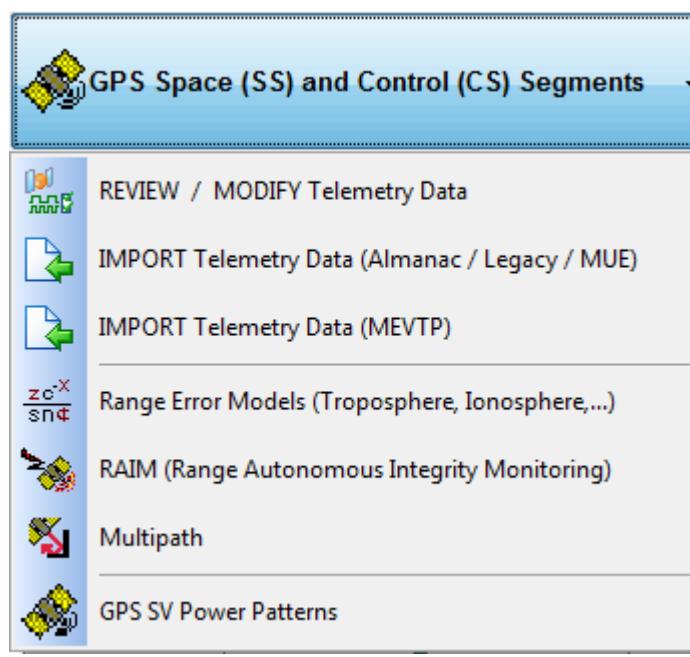
User Equipment (UE) Models

Setup and Control

Documents
Utilities



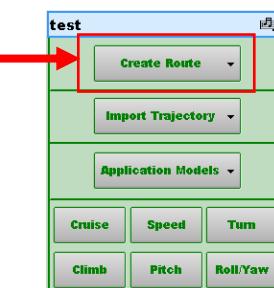
Save Scenario in a different Folder



B

(SCRIPTED) VEHICLE MOTION GENERATOR

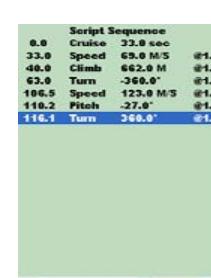
Select desired maneuver primitive



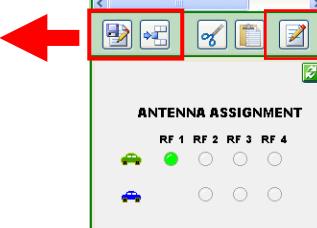
Script Sequence

0.0	Cruise	33.0 sec
33.0	Speed	69.0 M/S
40.0	Climb	662.0 M
63.0	Turn	-360.0°
106.5	Speed	123.0 M/S
110.2	Pitch	-27.0°
116.1	Turn	360.0°

<SHIFT> click to select a range of Maneuvres



Export to save the list in the Scenario Folder with the name: [CutManeuverList.txt](#). Rename and move this file to save it. We've created a folder c:\tapestry\maneuvers for this purpose.



To insert a Script in the format of CutManeuverList.txt after highlighted Maneuver.



Display time in Seconds-into-Simulation or Absolute Time.

This controls the Maneuver-Script-Summary Display:
 START displays the Initial conditions of the maneuver
 STOP displays the Terminal conditions of the maneuver

FEATURES

- Click on the maneuvers in the script and the entire Main Form will synchronize depending upon the SHOW MANEUVER settings.
- If a Vehicle Trajectory is imported, the Maneuver Script Summary bar will be replaced by the Imported Trajectory Summary Bar.
- You can BROWSE through the maneuver one-step-at-a-time using the SCROLL control. The selected point on the GROUND TRACK DISPLAY will be marked with a RED CROSS: X

Setup and Control

- Preferences
- Serial Data Setup
- RF-Link Composition
- RF Power Levels
- 1PPS Setup

1-PPS
GPIO/MFIO
Channel Calibration

TIME FORMAT

Absolute Relative

SHOW MANEUVER

Start Time Stop Time

ANTENNA ASSIGNMENT

RF 1 RF 2 RF 3 RF 4

Ground Track Display

C

SATELLITE VIEW DISPLAY

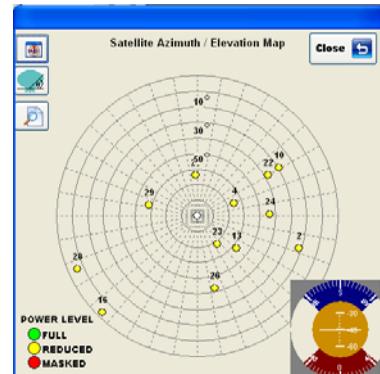
Control UE Antenna Pattern, GPS SV
Antenna Pattern, and Slant Range
Power Effects



Show NEXT Satellite Visibility Epoch

Click to SET SVID and display quick edit popup

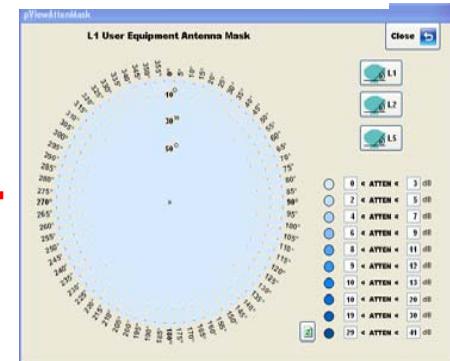
- Exclude SVID
- Generate SVID
- Show Power Form
- Show RAIM Form
- Show Multipath Form



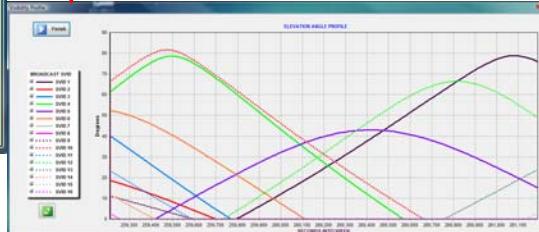
		PREFERENCES	POWER MODELS	EVENTS
		432010.0	Seconds into Week	
		RF 1	0.0	Seconds into Scenario
ELEVATION	AZIMUTH	POWER	MODELS	
SVID		L1CA	+LOSS	
3	36.6	296.9	-46.0	
6	47.6	286.7	-46.0	
9	15.9	93.5	-42.0	
14	34.5	191.1	-46.0	
15	24.5	44.6	-42.0	
16	8.3	246.5	-46.0	
18	63.2	21.1	-42.0	
19	13.1	320.0	-36.0	
21	55.3	90.6	-42.0	
22	62.2	291.5	-36.0	
27	13.8	70.3	-42.0	
29	8.3	159.5	-46.0	
1	0.0	0.0	-36.0	
2	-47.6	128.5	-36.0	
4	-67.3	143.2	-72.0	
5	-28.6	73.5	-36.0	
7	-32.4	324.8	-38.0	
8	-19.7	351.7	-72.0	
10	-60.0	90.0	-72.0	
11	-33.6	303.9	-72.0	
12	-28.9	123.1	-36.0	
13	-75.3	285.8	-72.0	
17	-65.8	12.4	-72.0	
20	-42.6	23.7	-72.0	
23	-60.7	23.4	-72.0	
24	-20.5	29.0	-72.0	
25	-18.4	15.1	-36.0	
26	-8.3	30.5	-72.0	
28	-21.3	12.2	-72.0	
30	-3.3	20.3	-41.0	
31	-19.8	20.2	-72.0	
32	-20.8	24.4	-72.0	

- VIEW**
- -
 -
- EDIT**
- -
- LEGEND**
- | | | |
|------------|-------|-------------|
| CURRENT SV | ± PWR | NOT OUTPUT |
| OUTPUT | RAIM | EXCLUDED SV |
| VEHICLE | MULT | UNHEALTHY |

Display a polar plot of the Antenna Pattern



Elevation Angle Profile



D

NAVIGATION STATE SUMMARY

Enter the time 33 into this (or any of the Time Controls) and the GUI Form synchronizes along with all popup data forms and controls.

Set summary to Maneuver START or STOP time

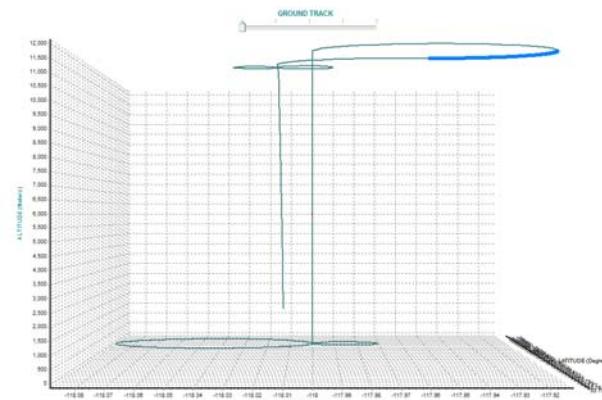


Maneuver Sequence

```

432001.0 Cruise1.0 sec
432002.0 Speed 200.0 M/S @10.0 M/S
432022.1 Turn 360.0 ° @10.0 M/S
432147.9 Turn -360.0 ° @29.9 M/S
432190.2 Climb 12000.0 M @14.7 M/S
432317.4 Turn -180.0 ° @10.0 M/S
432380.4 Turn -90.0 ° @9.9 M/S
432412.1 Cruise6.0 sec
432418.1 Turn 90.0 ° @9.9 M/S
432449.8 Cruise8.0 sec
432457.8 Turn 360.0 ° @39.8 M/S
432489.8 Turn -360.0 ° @49.9 M/S
432515.6 Cruise8.0 sec
432523.6 Climb 1232.0 M @9.9 M/S

```



Scroll Increment Δ Sec
Plot Resolution Δ Sec



Scroll \pm through the Trajectory Data by the specified scroll amount [The Display resets to the scroll Epoch]



E

GROUND TRACK DISPLAY

Click on Ground Track to set the Graphical Display to the time associated with the LLA

