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action points

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hey Chris

attached you can find a generated test set. The curve is already translated into a local coordinate system whose origin corresponds to the first point. I derived the curve from a path drawn in google earth and converted to this local coordinate system.

the format of the test_data.txt file is as follows:

x y z vx vy vz toa(time of arrival) foa(frequency of arrival) absolute time(not really used)

x,y, z are the location of the node, vx,vy,vz the speed components of the node
the nominal frequency of the carrier is 2147 MHz (i.e. when target and node are static)

the test_data_source_location.txt contains the theoretical anchor/target coordinates (x,y,z).....i computed the theoretical propagation time and doppler shift in the test_data.txt while knowing the anchor/target location and the vehicle's path locations. That means it is a completely theoretical/simulated data set (i.e. no measurements)


tell me please if you have any problems with the data set, please

have a good weekend

K

[Quoted text hidden]

2 attachments

 **test_data.txt**
12K

 **test_data_source_location.txt**
1K