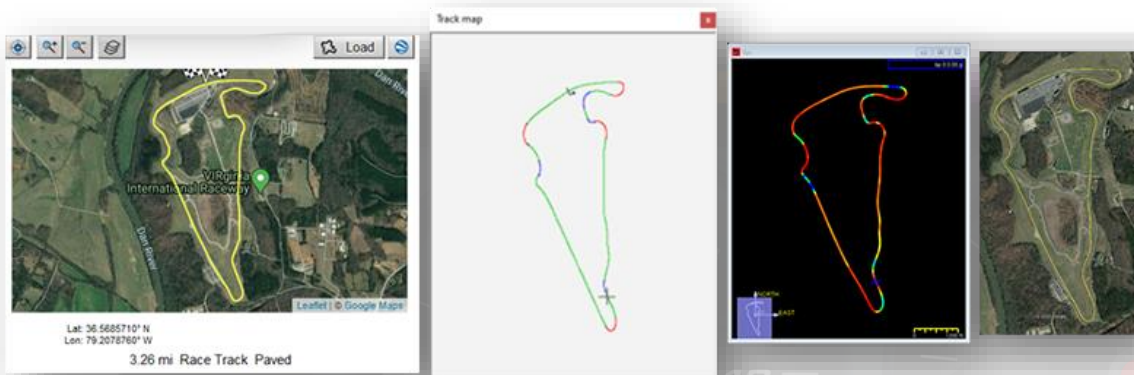




Host: Roger Caddell
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Webinar Series

Bringing Data Support and Training to You

Track Maps
in the AiM Sports Universe

May 7th, 2020

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Track Maps - Hardware

Track Database

- Track Database Hardware

- When There is 1 Loaded Track within 3 km of the Hardware, Auto Selection happens and no User Action Required
- When there are Multiple Tracks Loaded within 3km - Some Examples:
Thunderhill Spring Mountain Utah Motorsports Campus Virginia International Raceway
 - Auto Track Selection Based on 2 Laps of Driving
 - Manual Selection of a Specific Track Based on Loaded Tracks
This Must be Done Before Going out on the Track

Track Management

Mode: **AUTOMATIC**
Track List Type: Closed Nearest
No tracks in this area

Create New Track

PREV

NEXT

CHANGE

EXIT

Track Management

Mode: **MANUAL**
Track List Type: Closed Nearest
No tracks in this area

Create New Track

PREV

NEXT

CHANGE

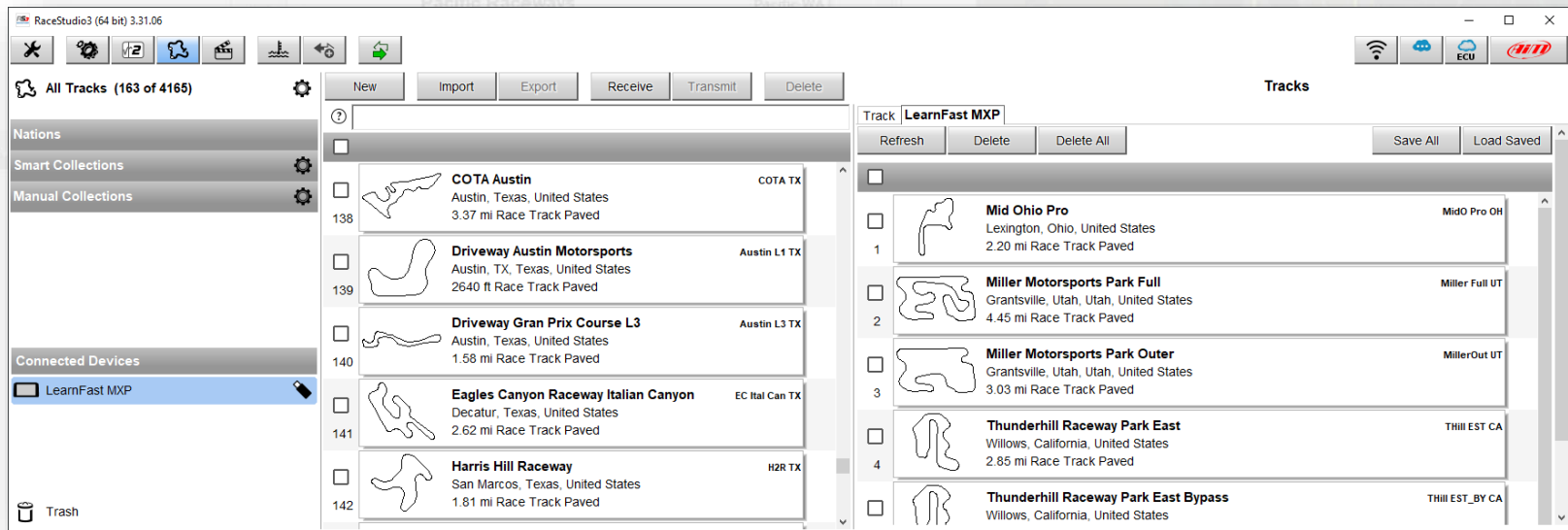
EXIT

Track Maps - Hardware

Race Studio 3 Track Database (.ztracks)

- Race Studio 3 Track Database

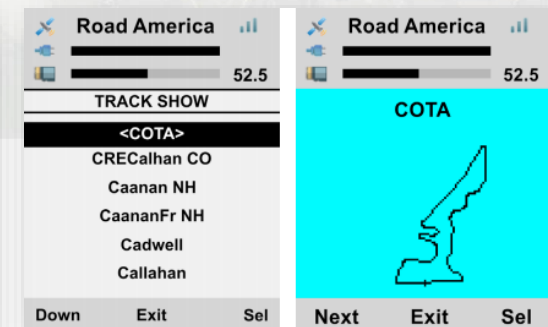
- Number of Tracks in the Race Studio 3 Database
 - Changes with Time but Currently Appx 1680 in North America, 4160 Globally
- How to Filter and Search
- How to Transmit and Verify Tracks on AiM Sports Hardware



Track Maps - Hardware

Hardware Tracks – How it all Comes Together

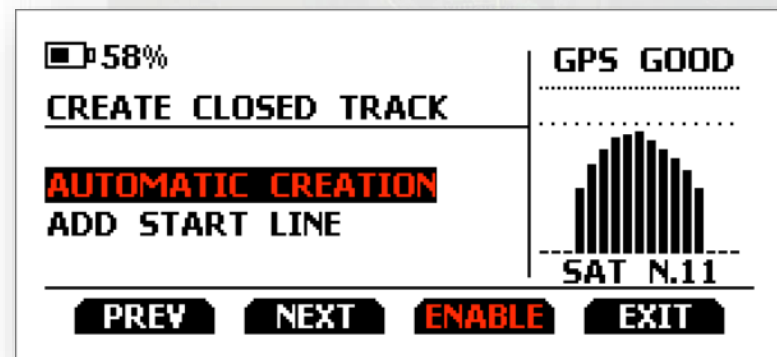
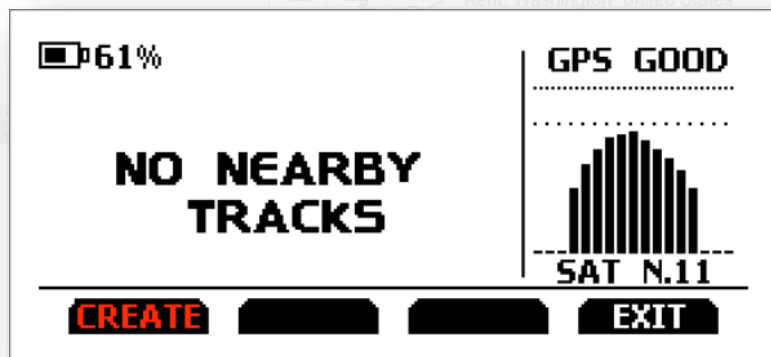
- Hardware Tracks, How it all Comes Together
 - Dash/Logger Tracks vs. SmartyCam Tracks
 - Dash/Logger Only Uses S/F Coordinates. SmartyCam Only Uses Image of Track
 - Dash/Logger Track Name Assigns SmartyCam Track Image Automatically if the Track Map Image is on the User Defined Overlay
 - Clockwise vs. Counterclockwise Track Direction
 - Direction Driven Does Not Matter to Dash/Logger or SmartyCam

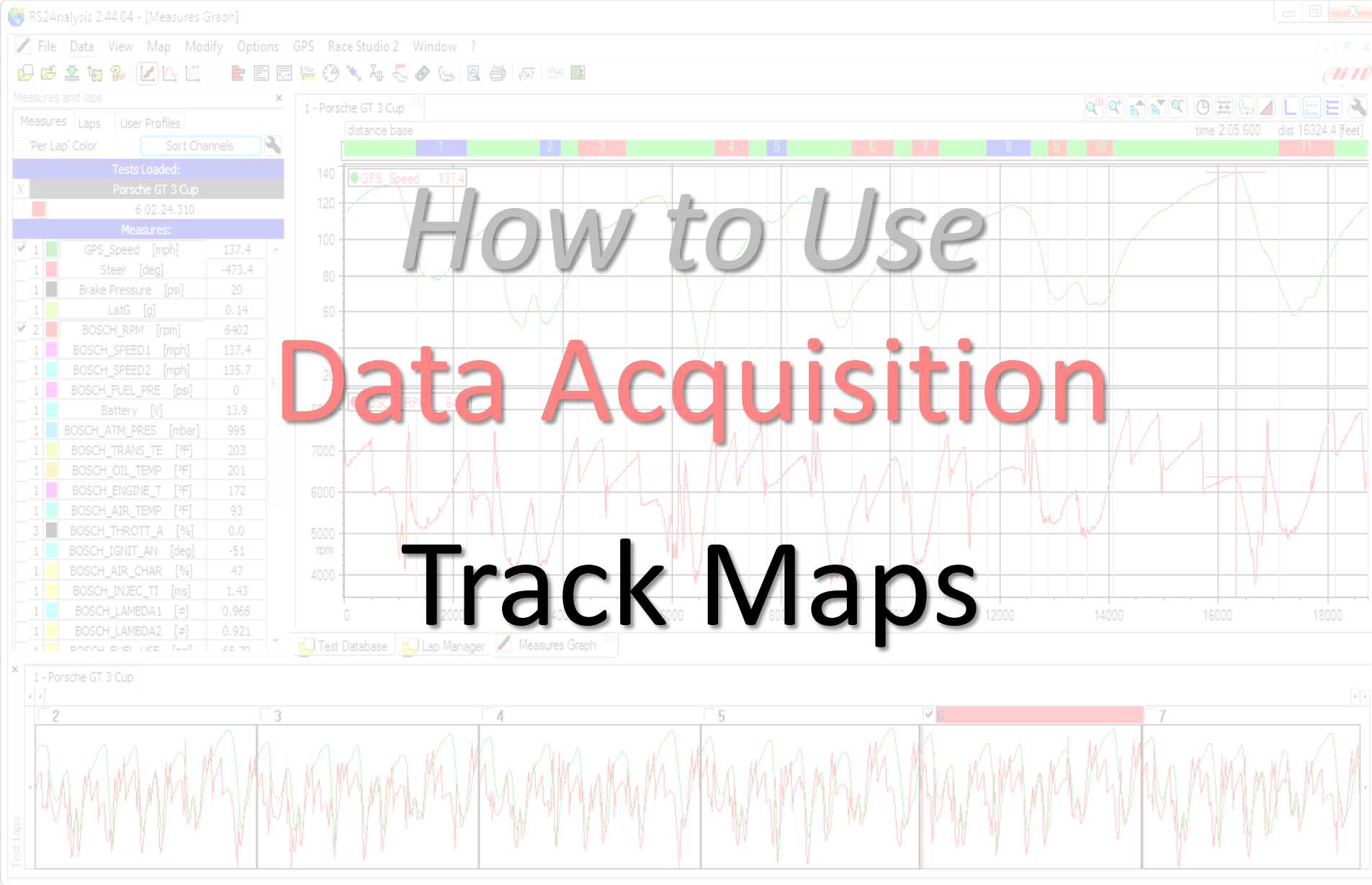


Track Maps - Hardware

Automatic Track Creation

- Automatic Track Creation for MyChron5 and SOLO2 Hardware
 - No Loaded Tracks Within 3km of the Device Position
 - Manually Select Track Learning Through Device Menu
 - Automatic Creation => Enable





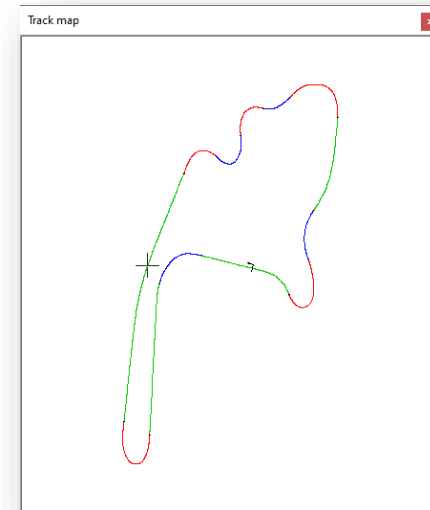
How to Use Data Acquisition Track Maps

Track Map Differences

Race Studio 2 Creates two Different Types of 'Track Maps'. Both Have Value for Your Data Analysis. Here are the Differences and Where you Will use Them Both.

- 'Standard/Segmented' Track Map

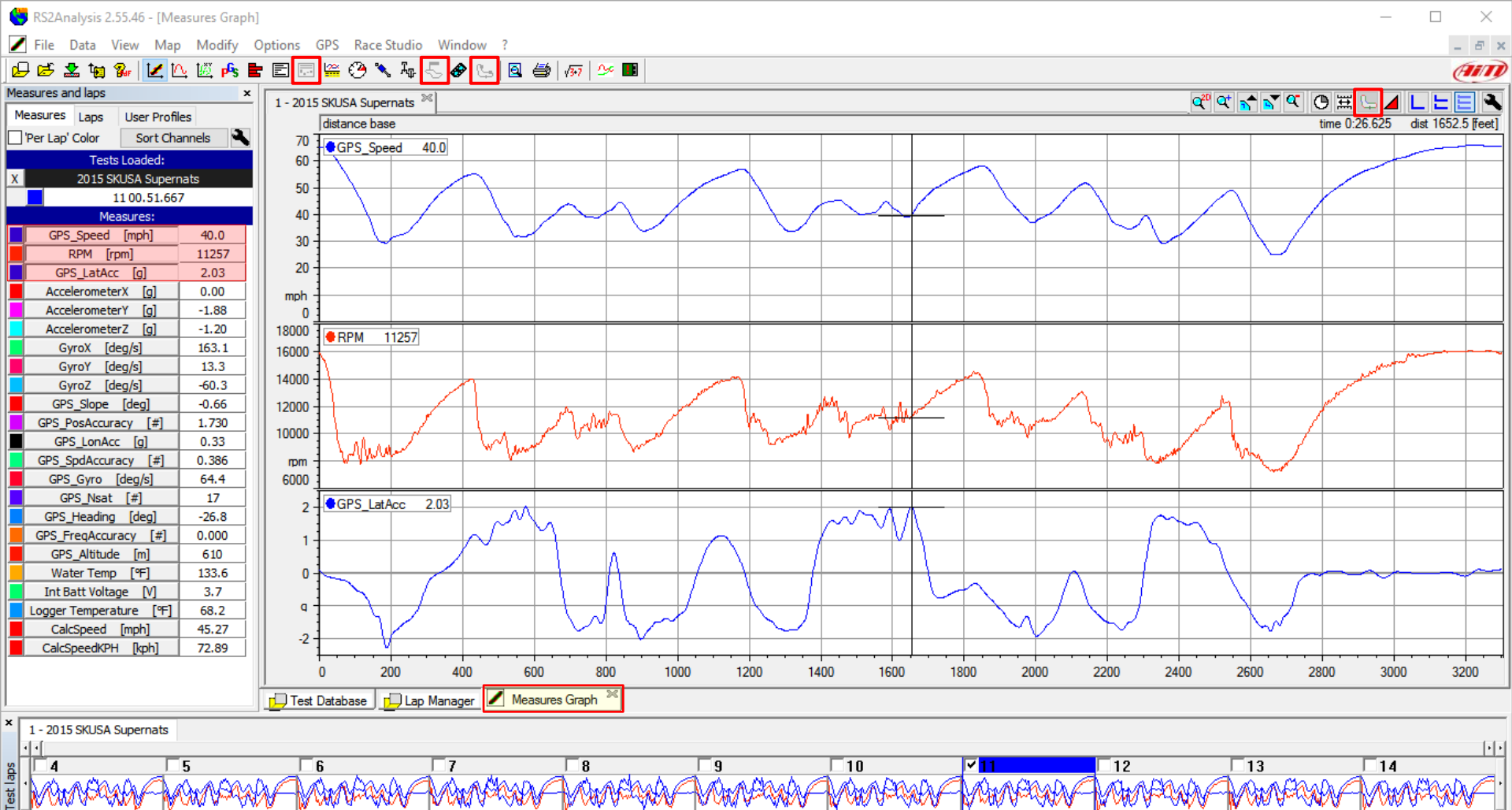
- This Maps Main use is Track Segmentation
- Generated by the Roll Out Distance and Lateral Acceleration Values
- Used in the Split Report, Track Report, and Lap Replay Functions
- Used for Segmentation, General Track Location, not the Actual Driven Line



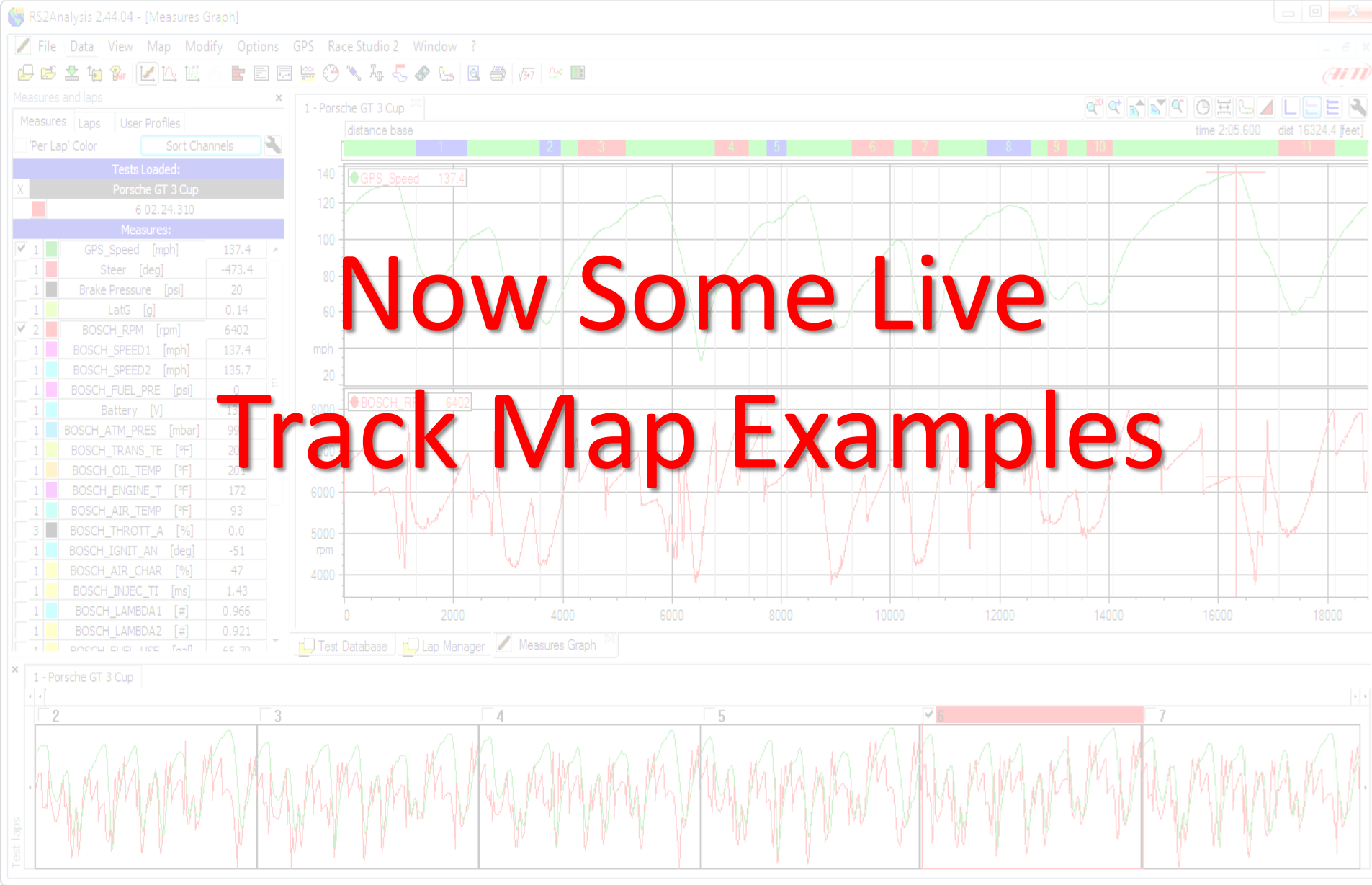
- GPS 'Driven Line' Track Map

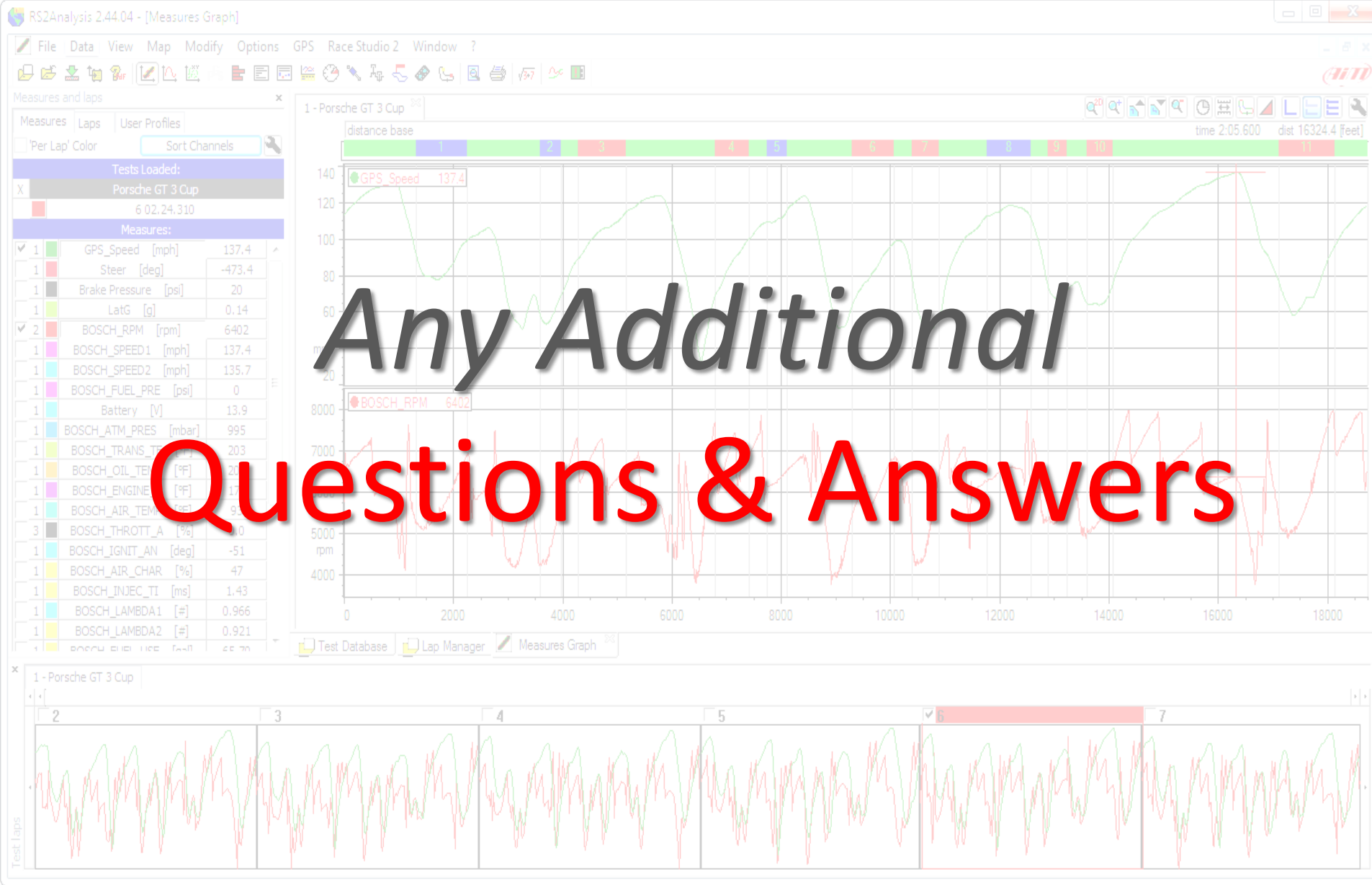
- Auto Generated by the GPS Sensor
- Actual Driven Line
- Can be Colorized Based on any Channel





Track Maps, are required for several different functions in the Race Studio 2 Analysis software, these are: Split Report, Track Report, and Lap Replay functions. Prior to creating a Track Map, these function icons plus the Track Map icon are not active.





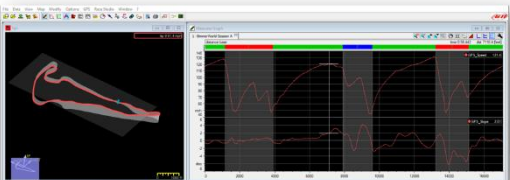
Any Additional Questions & Answers



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- **I Have Downloaded my Data, Now What - Part 1*
- **I Have Downloaded my Data, Now What - Part 2*
- GPS Lap Insert
- Data Views
- Measure Units
- Sort Channels
- Test Properties
- Per Lap Color
- Export Tests
- Channel Reports
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Next Webinar

Tuesday May 12th, 2020

10:00am Pac / 1:00pm East

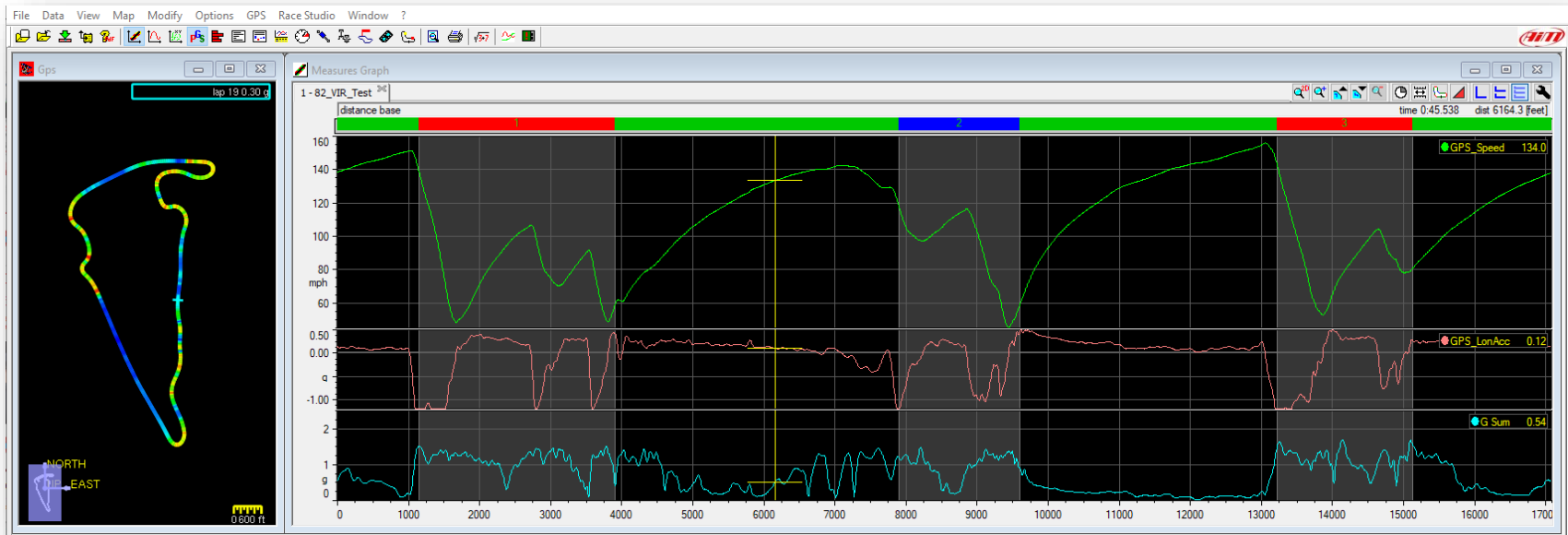


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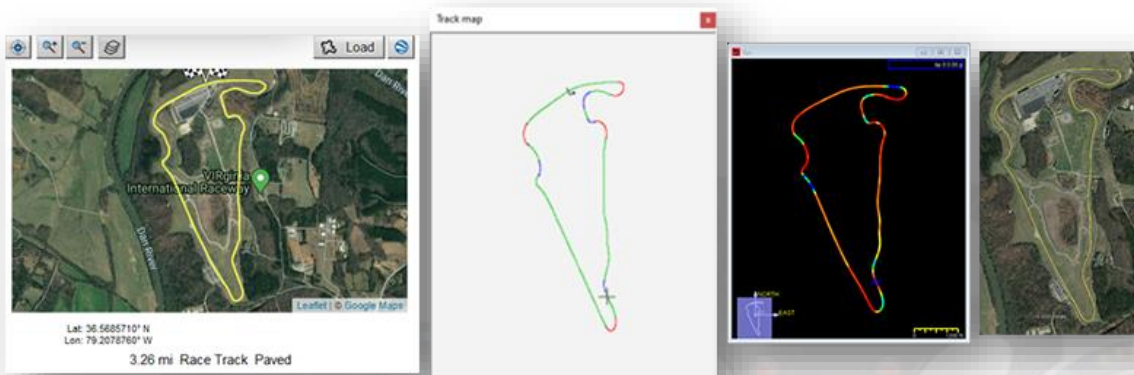


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