

## Using GPS Heatmap Examples in RF Explorer Pro

The GPS Heatmap feature allows you to visualize RF signal strength over a geographic area, using recorded GPS data. The following examples and instructions will help you explore the feature and generate your own heatmaps.

### Viewing Example Heatmaps

- Open the provided **HTML heatmap files** on any computer or mobile device with internet access.
- Once opened, you can **zoom, pan, and switch between different options** to inspect the recorded signal strength across locations.
- Two example files are included:
  - **1-second sample interval** – provides high resolution, showing very detailed variations in signal strength, needed when moving at high speed
  - **10-second sample interval** – lower resolution but useful for covering larger areas more efficiently or when moving at lower speed

### Generating a New Heatmap from Example Data

1. Locate the file **RFExplorer\_GPS\_SweepData\_example.rfe** provided with the package.
2. Copy this file to a USB flash drive inside a folder named \RFExplorer.
3. Insert the USB drive into your **RF Explorer Pro** device.
4. On the device, open the menu and select:
  - **File → Load...** to load the example dataset.
  - Once loaded, select **File → Heatmap** to generate a new heatmap from the data.
5. The device will process the dataset and create a new heatmap, which you can then export and view in the same way as the provided examples.