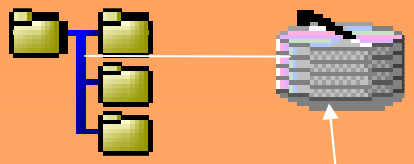
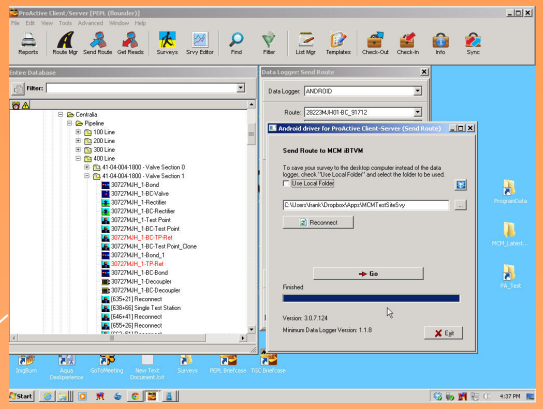
iBTVM
BLUETOOTH®
VOLTMETER
M. C. MILLER CO., INC.

- **Android™ compatible Bluetooth® voltmeter with integrated GPS receiver**
- **Wireless communication with tablets & *phones***
- **Submeter GPS at no additional cost**
- **Bluetooth® status indicating LED on case exterior**
- **5 pin connector and 2 shrouded banana jacks**
- **iBTVM for Android™ application included**

Support Overview

ProActive
Single User Environment

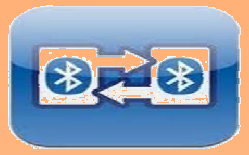




ProActive (ver 3.0.7.312+)
- Send Route
- Get Reads
- Import 'Time Chart' data

Transfer
- Email
- Dropbox
- USB

Tablet
- Apps
  - iBTVM
  - TSS



iBTVM
- VM
- GPS<m

Support Overview

iBTVM BLUETOOTH® VOLTMETER
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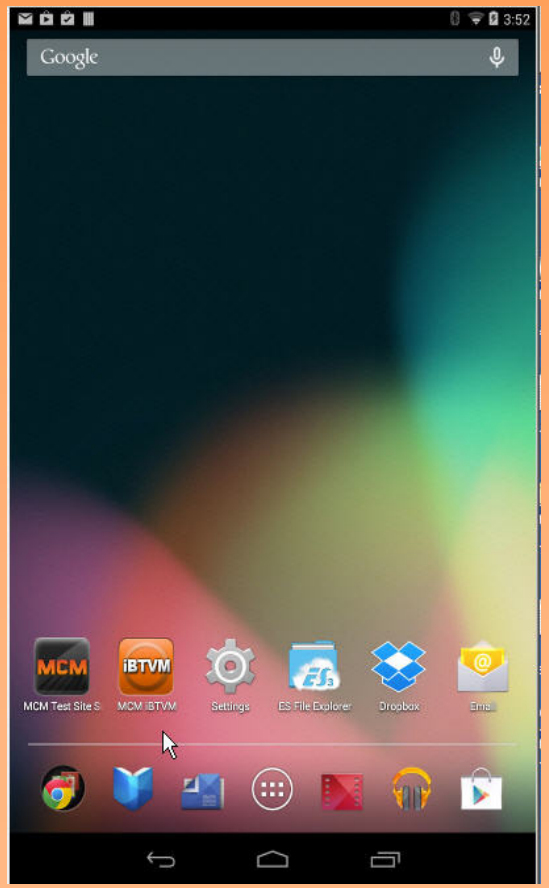
Android Tablet Setup

- **Email** and/or **Dropbox** ***Transfer*** Capability options require **WiFi at minimum**
  - Email
    - Setup an Email account
  - Dropbox
    - Setup a Dropbox account
- MCM iBTVM app download & install
  - Bluetooth enabled connection with iBTVM
- MCM Test Site Survey download & install (for ProActive users)
  - ***Settings*** function setup
    - connect with iBTVM
    - if Dropbox user, '***Synchronize with Dropbox***'



Support Overview

iBTVM BLUETOOTH® VOLTMETER
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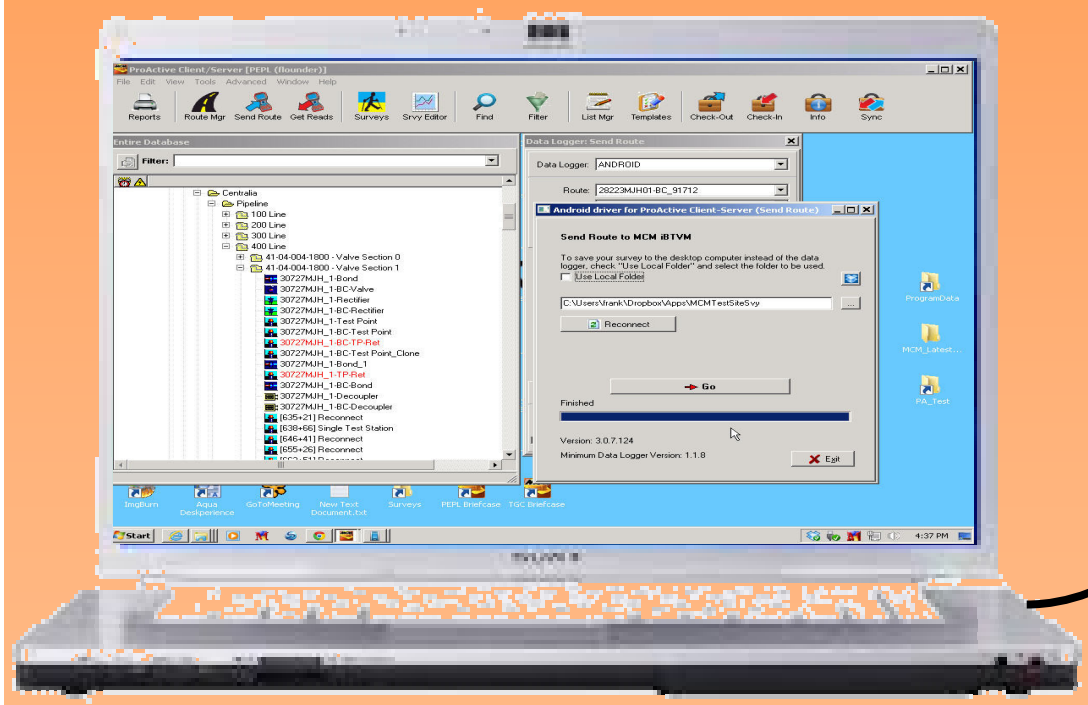
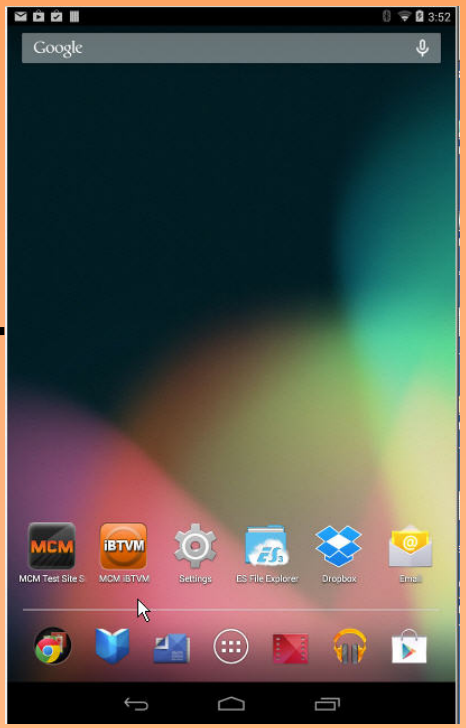
PC Setup

- **USB** driver with **ADB** capability
  - may be unique to tablet brand

Android Tablet Setup

- **USB** ***Transfer*** Capability
  - in '**Settings**'
    - ***Developer Options*** required
      - **USB Debugging** enabled
    - Security
      - ***Unknown sources*** enabled





Support Overview

iBTVM Voltmeter Settings

iBTVM BLUETOOTH® VOLTMETER
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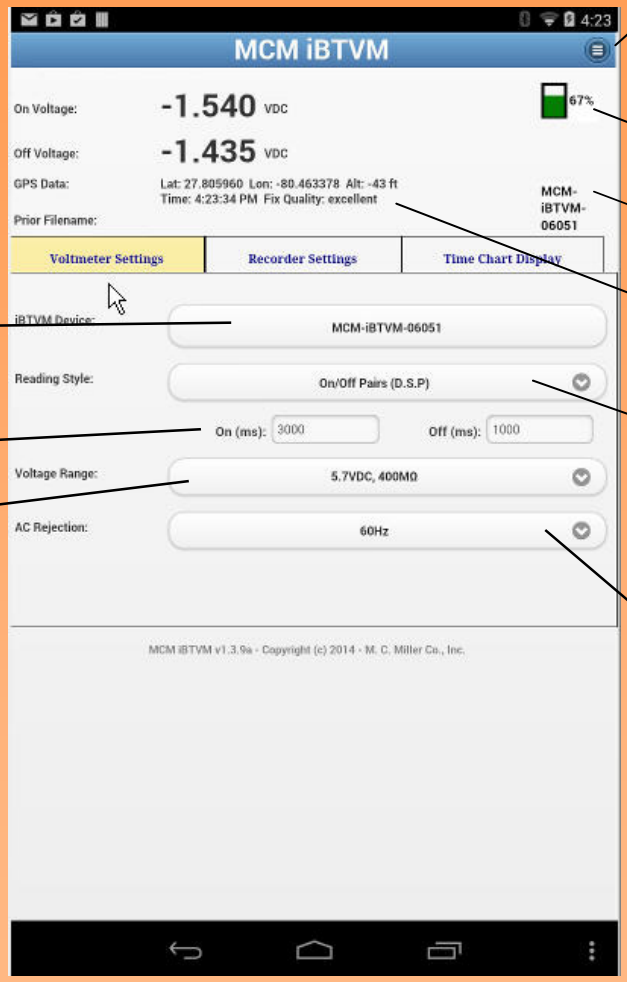


Menu Options

- Voltmeter Settings
- Recorder Settings
- Time Chart Display
- Send Data File
- Diagnostics
- Exit

Battery Charge

Volt Meter SN#

GPS location

Connected iBTVM

Interrupter cycle

Rd Style Options

- Single Read
- On/Off Pairs (D.S.P)
- On/Off Pairs (Max/Min)

VM Range selections

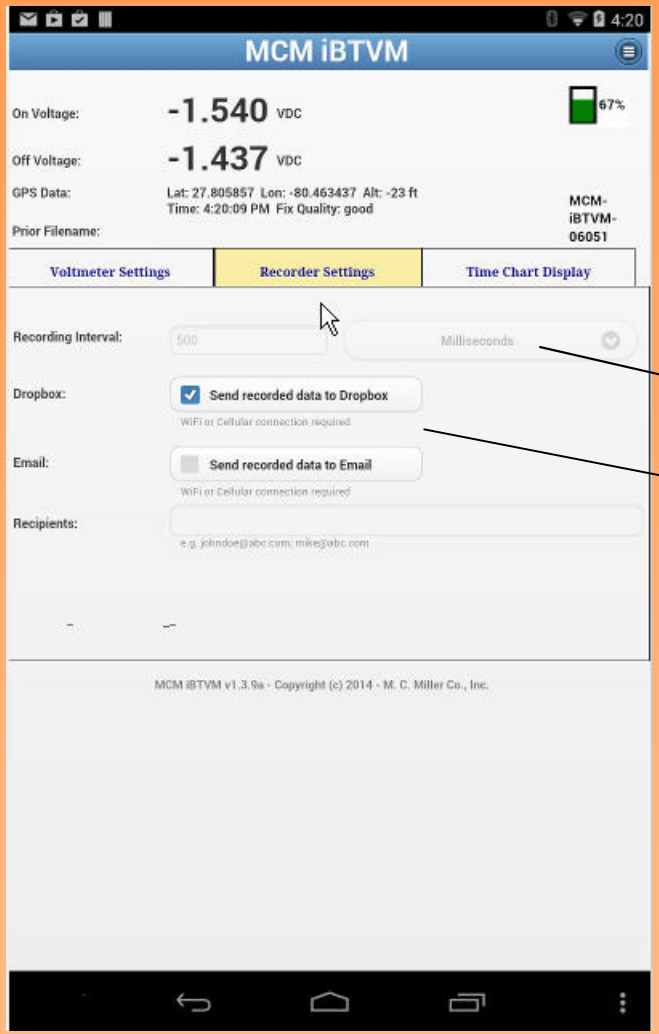
- 40mVDC, 10MΩ
- 400mVDC, 10MΩ
- 5.7VDC, 400MΩ
- 40VDC, 75MΩ
- 57VDC, 75MΩ
- 57VDC, 400MΩ
- 400VDC, 75MΩ
- 570VDC, 75MΩ
- 40VAC, 75MΩ
- 400VAC, 75MΩ

AC Reject selections

- 60Hz
- 50Hz
- 30Hz
- 25Hz
- 16.6Hz
- None

Support Overview

iBTVM Recorder Settings

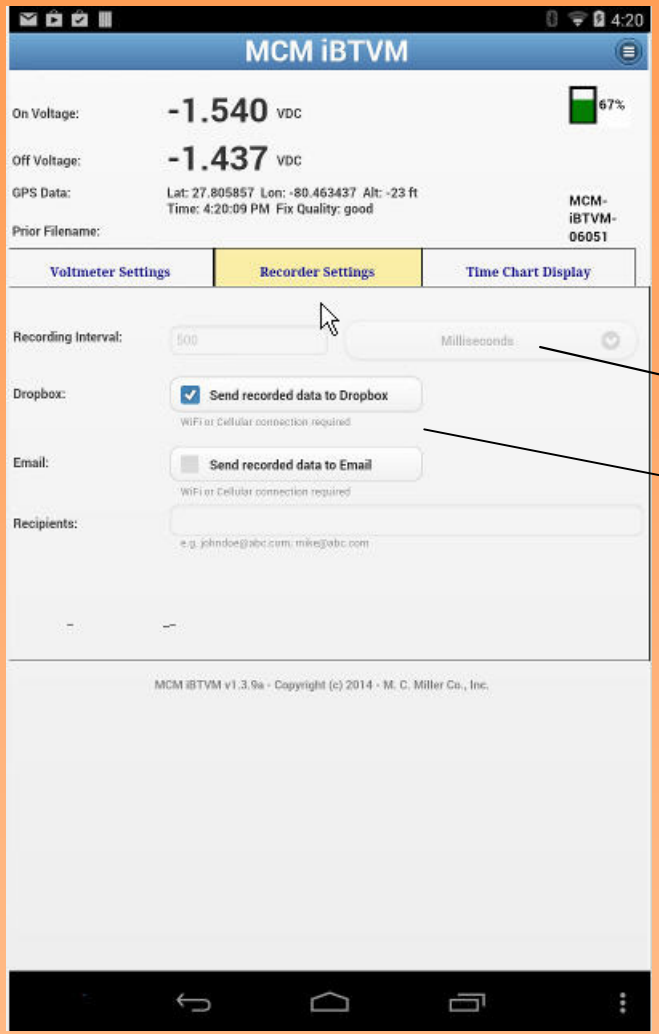


Recording Interval

Transfer Options

Support Overview

iBTVM Recorder Settings – On/Off

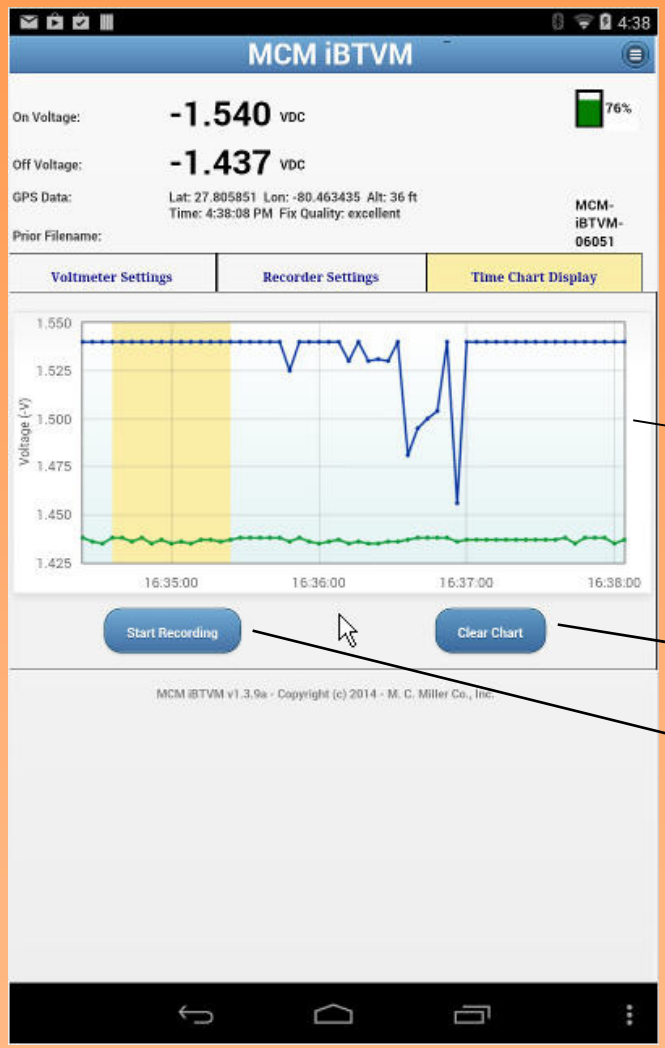


Recording Interval

Transfer Options

Support Overview

iBTVM Time Chart Display



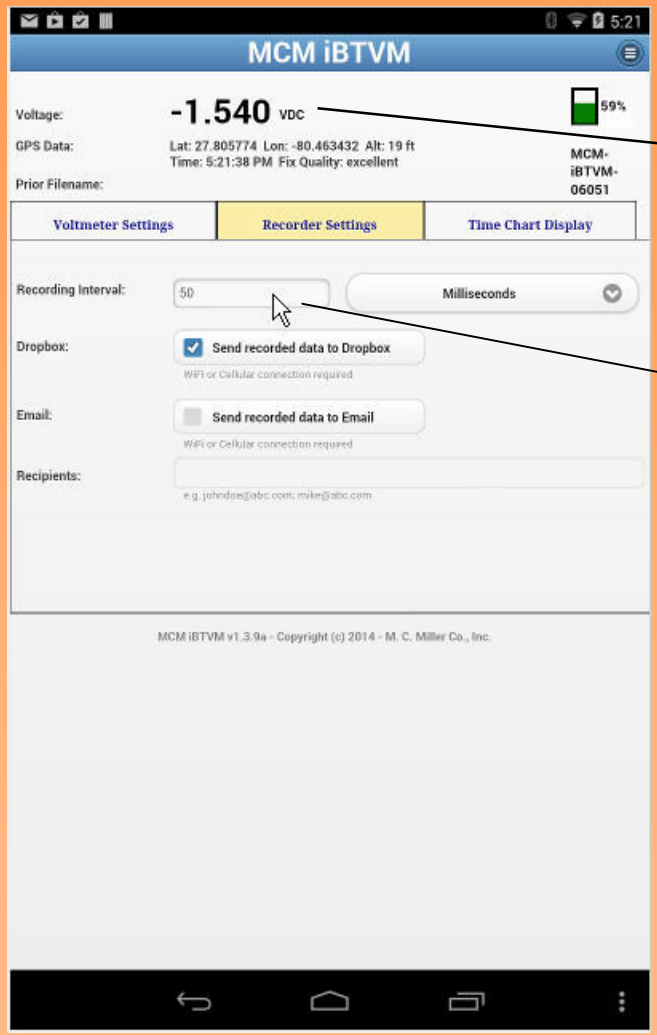
On/Off Waveform

Clear chart prior to recording

Start recording, toggle to Stop

Support Overview

iBTVM Recorder Settings – Single Rd

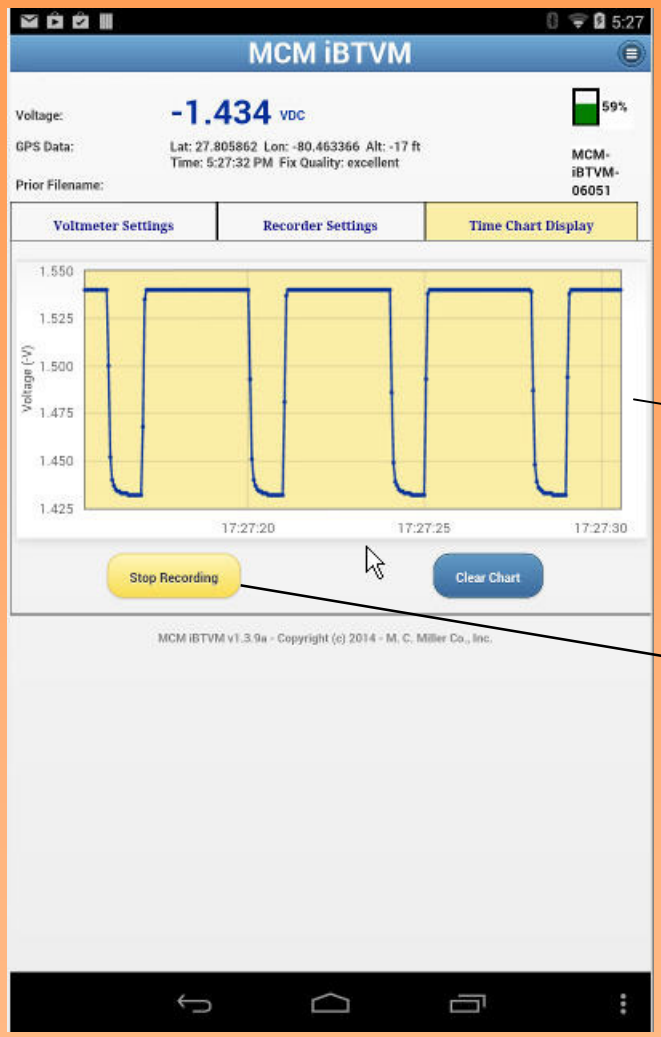


Single Read selected from VM Settings

Recording Interval

Support Overview

iBTVM Time Chart Display – Single Rd

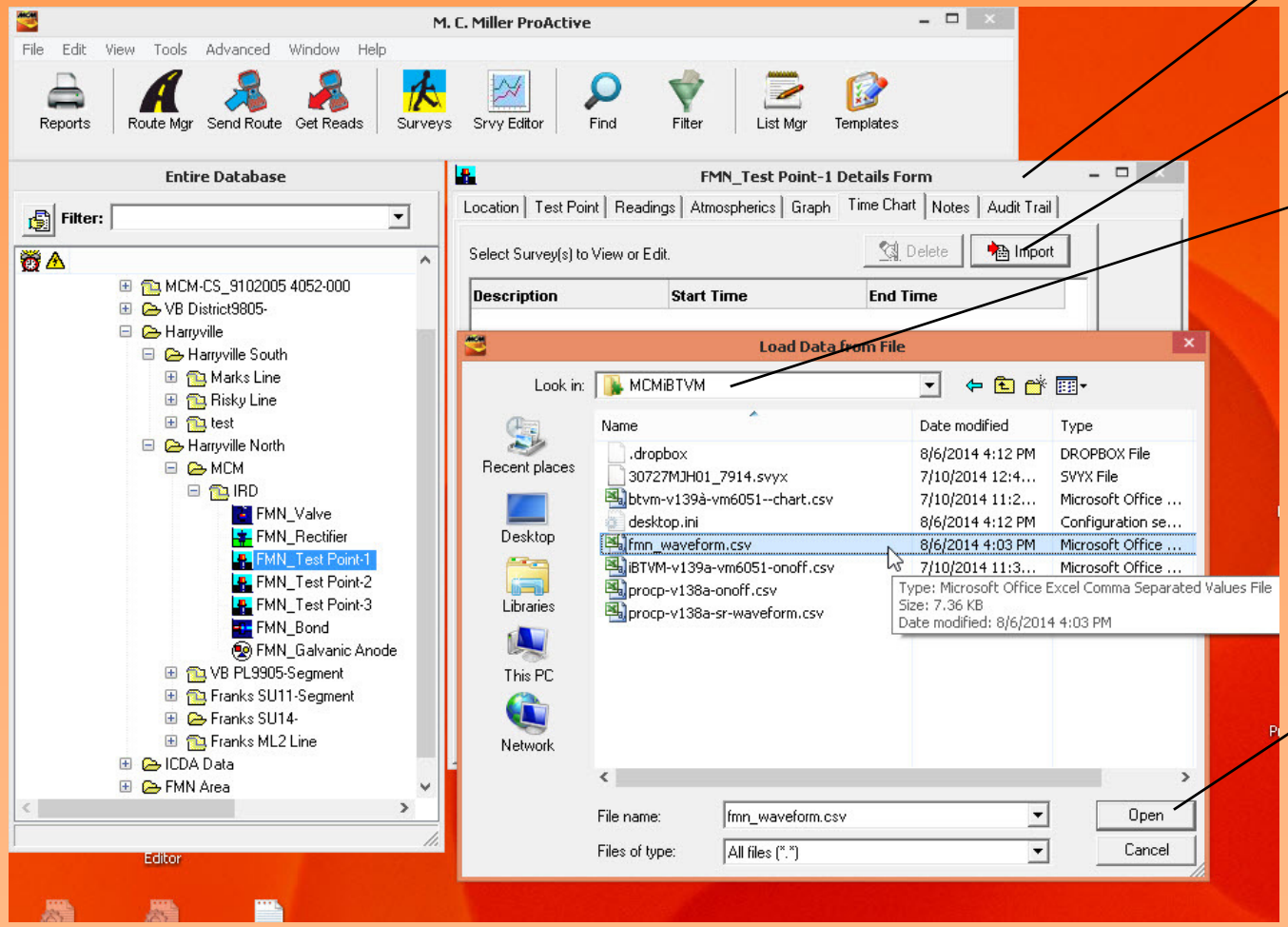


On/Off Waveform
- via Single Rd
- @ 50ms sample

Tap to Stop Recording

Support Overview

ProActive Time Chart Import



1) Open Test Site to Receive Waveform

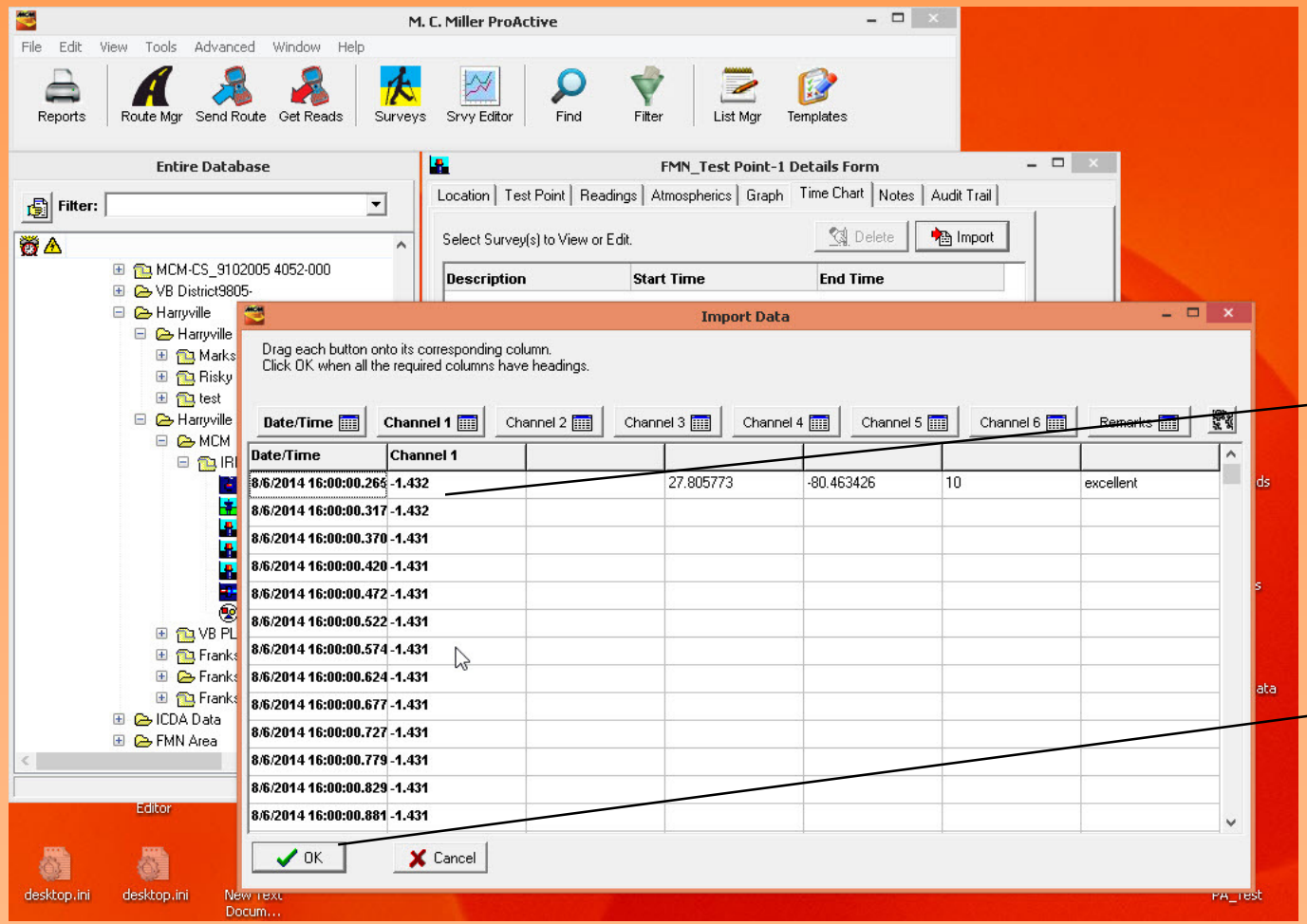
2) Click **Import**

3) Navigate to **Dropbox** Folder

4) Save selected file

Support Overview

ProActive Time Chart Import
Parm setup



1) Date/Time & Channel 1

2) OK

Support Overview

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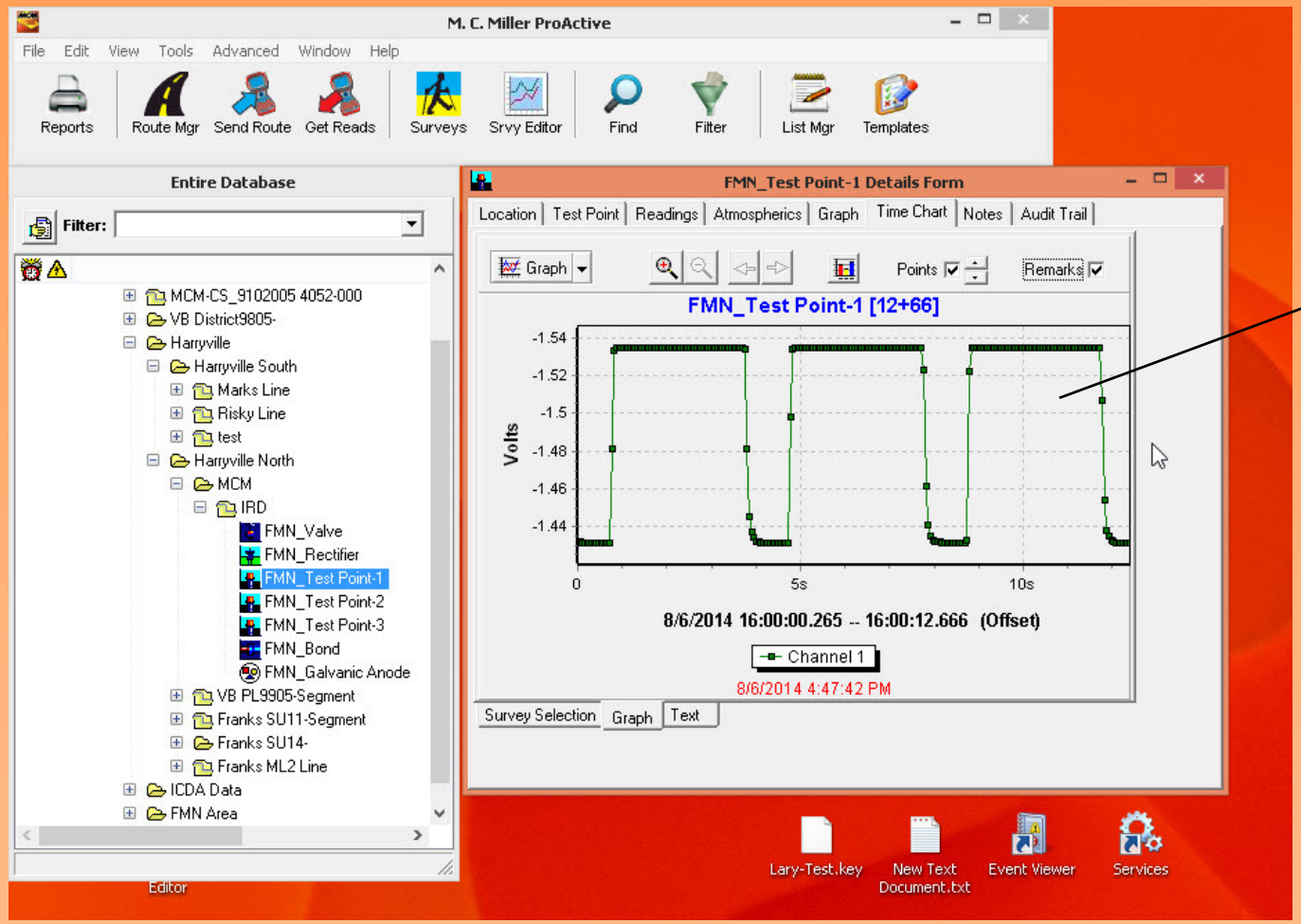
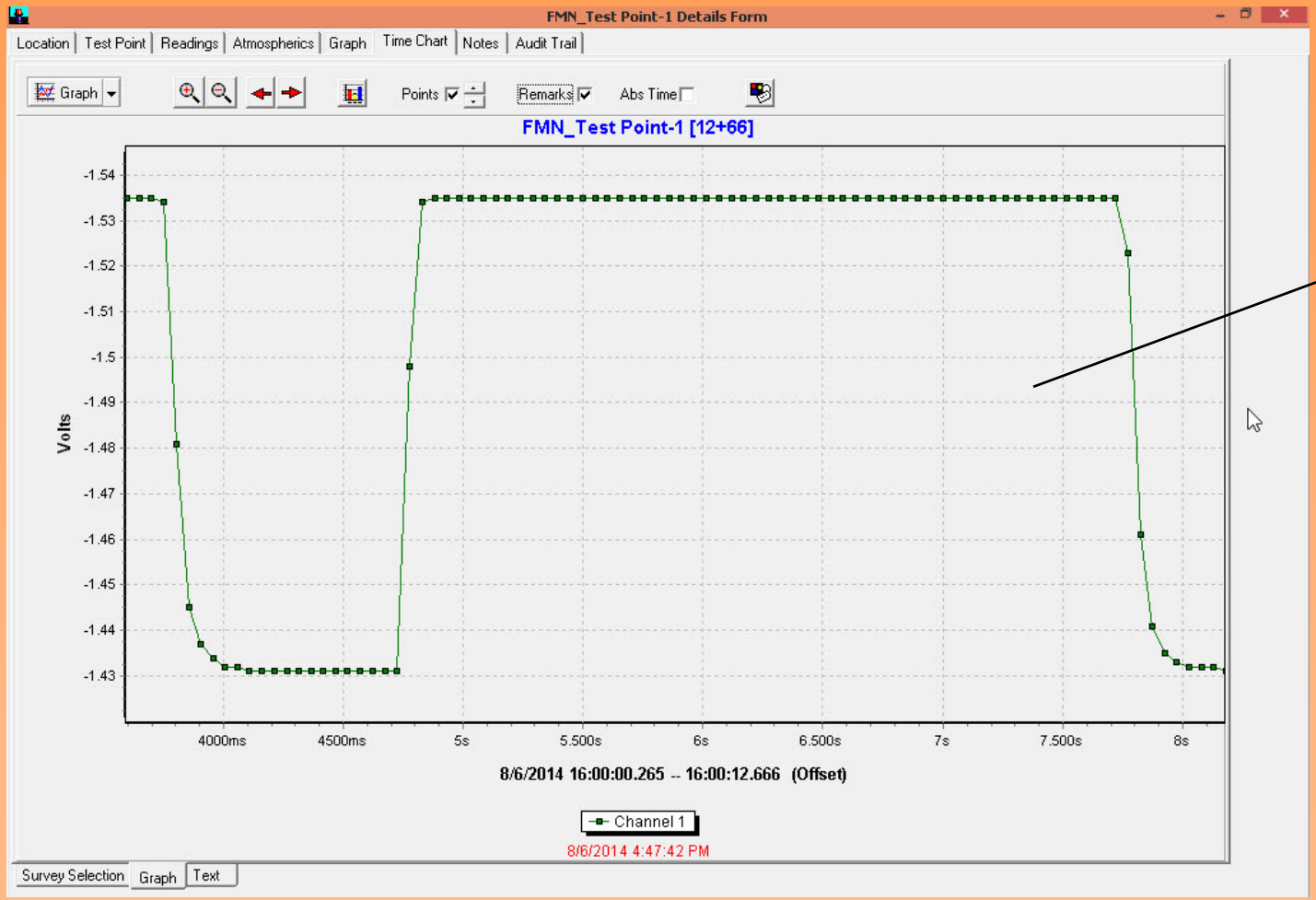
ProActive Time Chart Import
Review Waveform



Total Recorded Cycles

Support Overview

ProActive Time Chart Import
Review Waveform



Zoom-in capability

Support Overview