A short introduction to Postman, and how to use it to control the 2245 sound level meter

Whenever you access a node in the WebXi tree from your Internet browser, it will automatically issue a GET command in order to retrieve the content. It is however not possible to make your Internet browser issue PUT commands, so in order to test that, you will need a more dedicated RESTful tool (of which there are several)
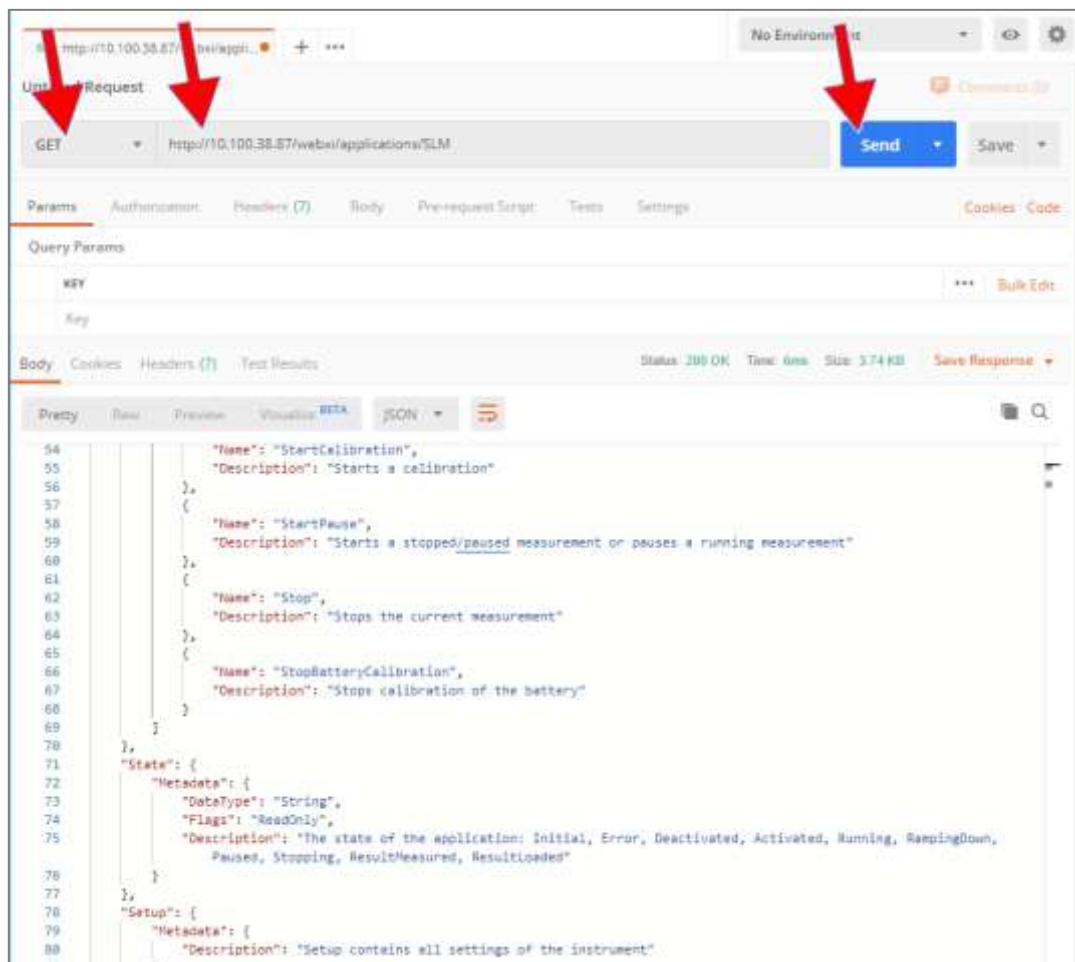
Postman
Postman is an example of a tool for testing RESTful interfaces. It offers a nice user interface with which to make HTML requests and without the hassle of writing a bunch of code. It is also a great way to familiarize yourself with the WebXi interface on the SLM. Postman may be installed from: https://www.postman.com

Using GET and PUT to control the measurement, from within Postman
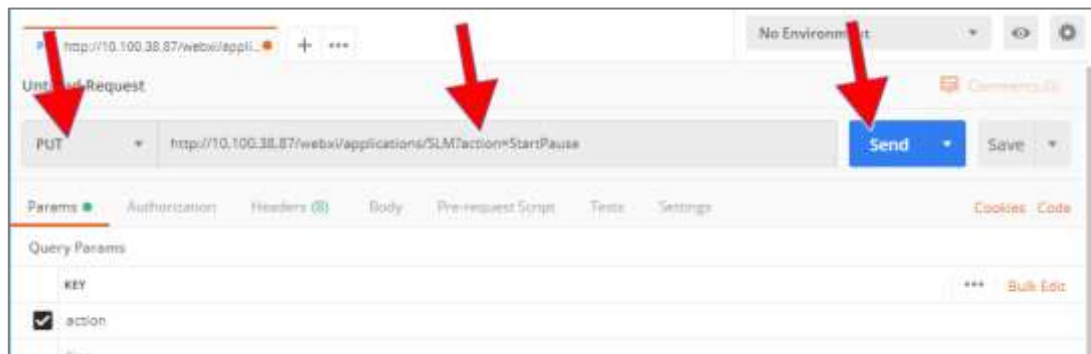From within Postman, use GET to show the SLM top node tree including metadata:
http://10.100.38.87/webxi/applications/SLM?metadata

Notice the two parameters "StartPause" and "Stop" located under "Actions"

From within Postman switch the command from GET to PUT. Start a measurement on the SLM, using:
http://10.100.38.87/webxi/applications/slm?action=StartPause

Notice how the light ring on the SLM switches to green.

Use **GET** to ask for the SLM's current state: **http://10.100.38.87/webxi/applications/slm/state**. It will report "***Running***".

Use **PUT** to pause the measurement: **http://10.100.38.87/webxi/applications/slm?action=StartPause**. Notice how the light ring switches to fast flashing yellow.

Use **GET** to ask for the SLM's current state: **http://10.100.38.87/webxi/applications/slm/state**. It will report "***Paused***".

Use **PUT** to stop the measurement: **http://10.100.38.87/webxi/applications/slm?action=Stop**. Notice how the light ring switches to flashing yellow again.

Use **GET** to ask for the SLM's current state: **http://10.100.38.87/webxi/applications/slm/state**. It will report "***Result Measured***".