SCPI (skippy) – standard commands for programmable instruments. A standard for syntax and commands to use in controlling programmable test and measurement devices

OFDM – orthogonal frequency-division multiplexing

Spike software allows to control signal hounds with SCPI and a common GUI.

Recommended to use a VISA library if available. It is also possible to use a VISA implementation that exists in other languages/environments such as **MATLAB, LabVIEW, and Python**.

VISA – Virtual Instrument Software Architecture, is a standard for configuring, programming, and troubleshooting instrumentation systems comprised of GPIB, VXI, PXI, Serial, Ethernet, and/or USB interfaces

Need VISA library from National Instruments or Keysight to work with PyVISA. Suggest having NumPy and Matplotlib as well.

Starting with Python and PyVISA - <http://lampx.tugraz.at/~hadley/num/ch9/python/9.1.php>

Installing PyVisa:

pip install visa

pip install -U pyvisa

First install VISA from National Instruments or Keysight. <https://pyvisa.readthedocs.io/en/1.8/getting_nivisa.html#getting-nivisa>