Steps for MATLAB Configuration of LLDK

1. Install "Communications Toolbox Support Package for Analog Devices ADALM-Pluto Radio" from Matlab Add-Ons, as shown in Figure 1:
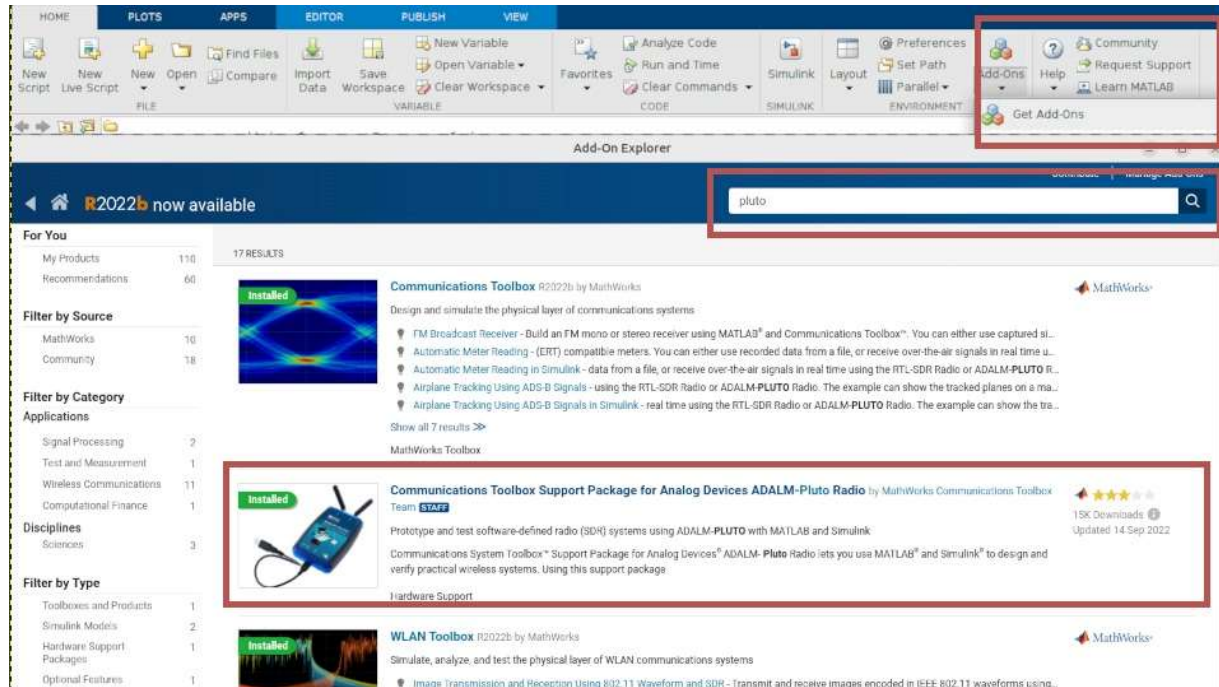

Figure 1: Communications Toolbox Installation

2. On the remote machine terminal (Cygwin is recommended for Windows) write the

following commands:

o git clone https://github.com/analogdevicesinc/HighSpeedConverterToolbox.git

o cd HighSpeedConverterToolbox

o ../HighSpeedConverterToolbox> git submodule update --init --recursive

o ../HighSpeedConverterToolbox > git checkout cn0585_v1

o ../HighSpeedConverterToolbox> matlab .

3. Loopback the DACs channels as shown in Figure 2.

Figure 2: EVAL-CN0584-EBZ Loopback Connection on AFE

4. From Matlab expand the test folder, open the CN0585StreamingTest.m and press the

Run button.