**Image Format tests**

Diagram

Description automatically generated

For these tests a STRIMMBuffer is used. The pixelType must be a string:

Byte, Short, Int, Float, Double

In the case of Float and Double ImageJ can only display 1 channel and because the range for MAX and MIN is so large it has been normalised in this example to make it visible.

There is the option for Long however this seems to cause an error in the ImageJ CameraWindow code.

When the pixelType = “Byte” and there are 3 channels then the image is displayed as RGB by ImageJ.

This is not interleaved R8,G8,B8 but is first the R channel then the G channel and then the B channel, hence for a webcam etc the data would need to be converted prior to sending it through the akka graph.

**JSON**

Text

Description automatically generated

In this example the source uses the PixelTypeMethod SourceMethod and for the SinkMethod SinkImageJPixelTest which will display it to an ImageJ Display.