Illustration of the effect of sampling size along the edge of an MTF tool. Notice the color legend on left and right are different. On the right, ROI#1 is cropping the "East Edge", ROI#0 for "West Edge", ROI#2 for "North Edge" and ROI#3 for "South Edge", like you are reading a map normally. It is obvious that the longer the sample along the edge, the smoother the resultant MTF graphs.