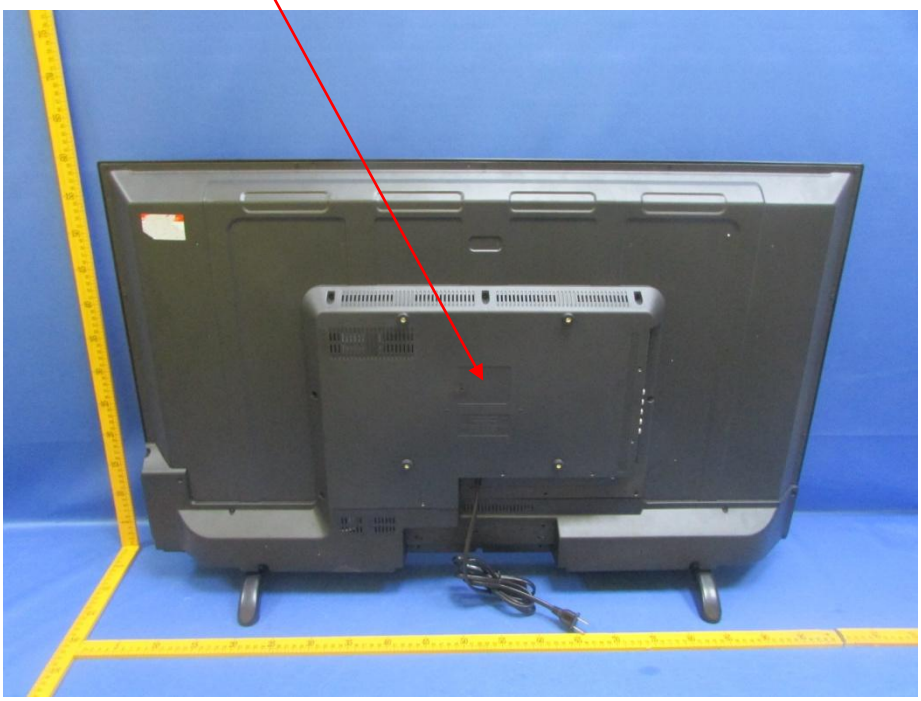label sample and location