**Lip Detection**

To apply morphological filters like median we need at first binary image. In case of lip detection most disturbing parts are ears which are also present after applying Binary Layer #3. As we also described in Stage 1, it is better to apply Median with radius 5 to remove noise and only after apply Binary Layer. After some experiments it also become more obvious that applying Median 5, then Binary Layer #3, and only after some Median filter to remove small structured and fill holes. If more emphasized structures are desired: dilation can be used to expand isolated points.

But if the image does not exhibit standard behavior it may standardized by using RGB Matching with some etalon image.