Revision of the manuscript entitled “CNN-based Post-filtering for Image Quality Enhancement" submitted for publication to IEEE International Conference on Image Processing (IEEE ICIP) 2021.

Following the reviewers request, a comparison with HEVC will be added in the manuscript. IQE-CNN provides BD-Rate grains of around 52.33% over HEVC and average BD-PSNR improvement of 3.3246 dB.

Figures 3 and 4 in the manuscript will be updated as shown bellow.

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| --- | --- | --- | --- |
| (a) | (b) | (c) | (d) |
| (e) | (f) | (g) | (h) |
| Fig. 3. Rate-distortion results for three images, **(1st column)** *Image801.png*, **(2nd column)** *Image821.png*, **(3rd column)** *Image849.png*, and **(4th column)** over the entire test set, DIV2KvalidHR dataset [24]. **(Top)** bpc-vs-PSNR results. **(Bottom)** bpc-vs-SSIM results. | | | |

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| Fig. 4. Bjontegaard metrics for every image in the DIV2KvalidHR dataset [24]: **(left)** BR-PSNR (dB), **(right)** BR-Rate (%). | |