# Updated model (14K dataset Unet)

Note:

The comparison below shows input images on the left and output image (inference result) on the right. The model is created with the assumption that the deblur condition of the satellite image are similar to the provided input images and thus might vary depending on how different the actual input images are, from those that we have fed the model with.

A planet in space

Description automatically generated A view of the earth from space

Description automatically generatedA close-up of a robot arm

Description automatically generated A space shuttle in space

Description automatically generatedA view of the earth from space

Description automatically generated A view of the earth from space

Description automatically generatedA planet in space

Description automatically generated A view of the earth from space

Description automatically generatedA view of the earth from space

Description automatically generated A view of the earth from space

Description automatically generatedA view of the earth from an airplane window

Description automatically generated A view of the earth from an airplane window

Description automatically generatedA satellite in space over the earth

Description automatically generated A satellite view of the earth from space

Description automatically generatedA planet from space

Description automatically generated A view of the earth from space

Description automatically generatedA view of the earth from space

Description automatically generated A view of the earth from space

Description automatically generatedA planet in space

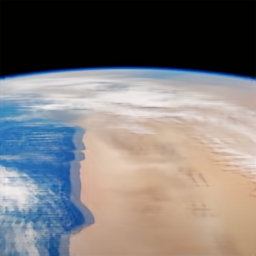
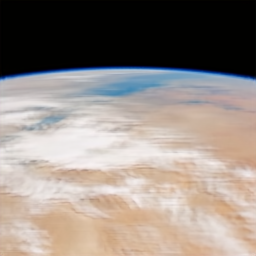
Description automatically generated A view of the earth from space

Description automatically generatedA planet with clouds in the sky

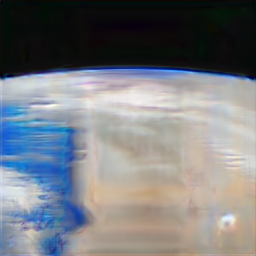
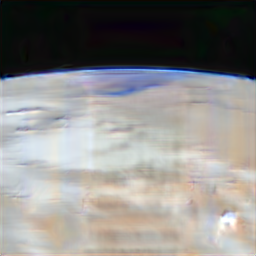
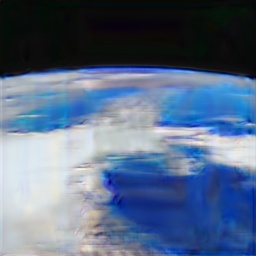
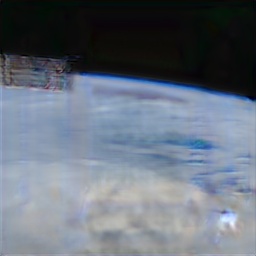
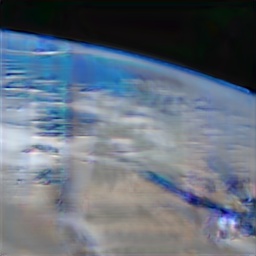
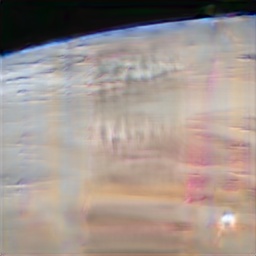
Description automatically generated A view of the earth from space

Description automatically generated

# Trial model (Unet )



# Trial model (GAN)



# Old model (Resize)

Test 1

A view of the earth from space

Description automatically generated

Test Result

A planet earth from space

Description automatically generated A view of the earth from space

Description automatically generated

Test 2A planet from space

Description automatically generated

Test Result

A planet in space with a black background

Description automatically generated A planet from space

Description automatically generated

Test 3A view of the earth from space

Description automatically generated

Test Result

A planet earth from space

Description automatically generated A view of the earth from space

Description automatically generated

Test 4

A planet from space

Description automatically generated

Test Result

A view of the earth from space

Description automatically generated A view of the earth from space

Description automatically generated

Test 5

A view of the earth from an airplane window

Description automatically generated

Test Result

A view of the earth from an airplane window

Description automatically generated A view of the earth from an airplane window

Description automatically generated

Test 6

A satellite in space above the earth

Description automatically generated

Test Result

A satellite in space above the earth

Description automatically generated A satellite in space above the earth

Description automatically generated

Test 8Earth from space with land and water

Description automatically generated

Test Result

A view of the earth from space

Description automatically generated A view of the earth from space

Description automatically generated

Test 9A view of the earth from space

Description automatically generated

Test Result

A planet earth from space

Description automatically generated A view of the earth from space

Description automatically generated

Test 10A view of the earth from space

Description automatically generated

Test Result

A planet earth from space

Description automatically generated A view of the earth from space

Description automatically generated

Test 11A satellite in space above earth

Description automatically generated

Test Result

A close-up of a satellite

Description automatically generated A satellite in space with earth in the background

Description automatically generated

Test12A planet from space

Description automatically generated

Test Result

A view of the earth from space

Description automatically generated A view of the earth from space

Description automatically generated