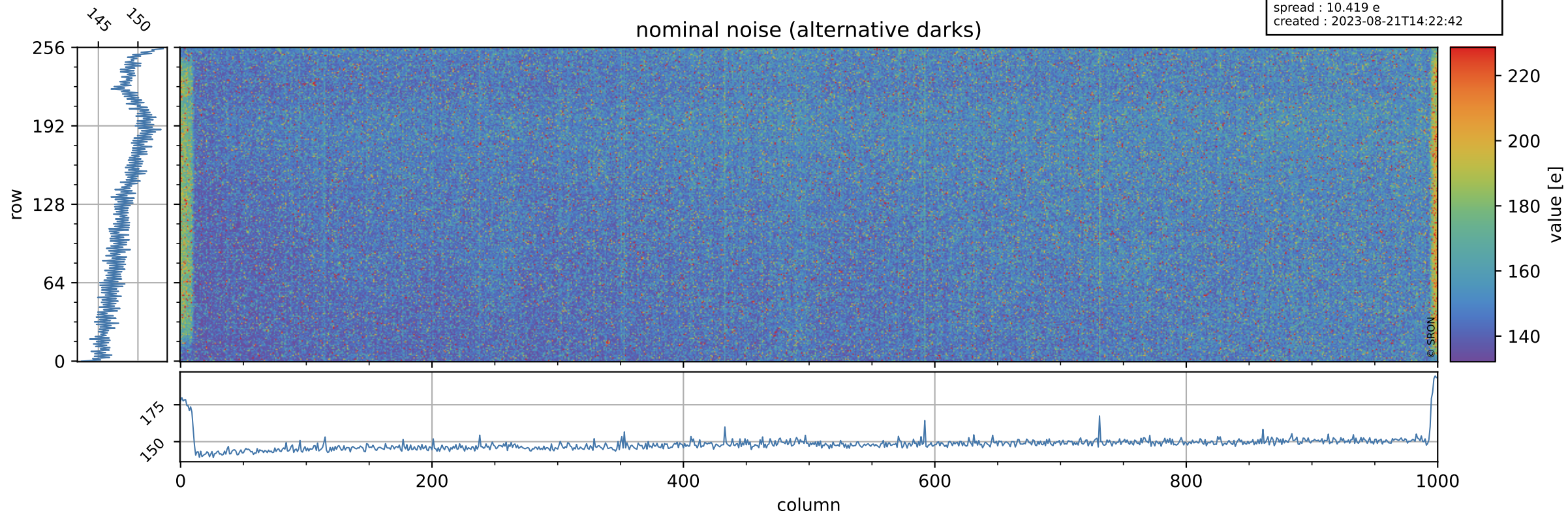


# Tropomi SWIR background noise (swir)

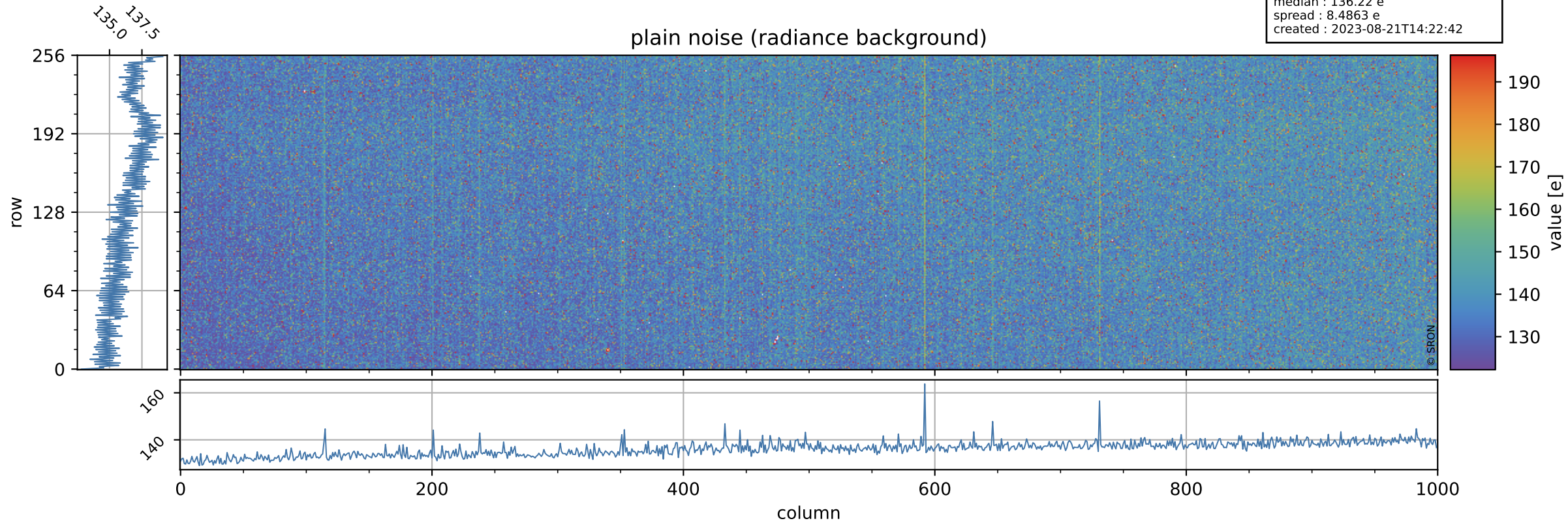
orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
n\_coad, t\_exp : 1, 1.0783  
median : 148.23 e  
spread : 10.419 e  
created : 2023-08-21T14:22:42



# Tropomi SWIR background noise (swir)

orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
n\_coad, t\_exp : 2, 0.5383  
median : 136.22 e  
spread : 8.4863 e  
created : 2023-08-21T14:22:42

plain noise (radiance background)

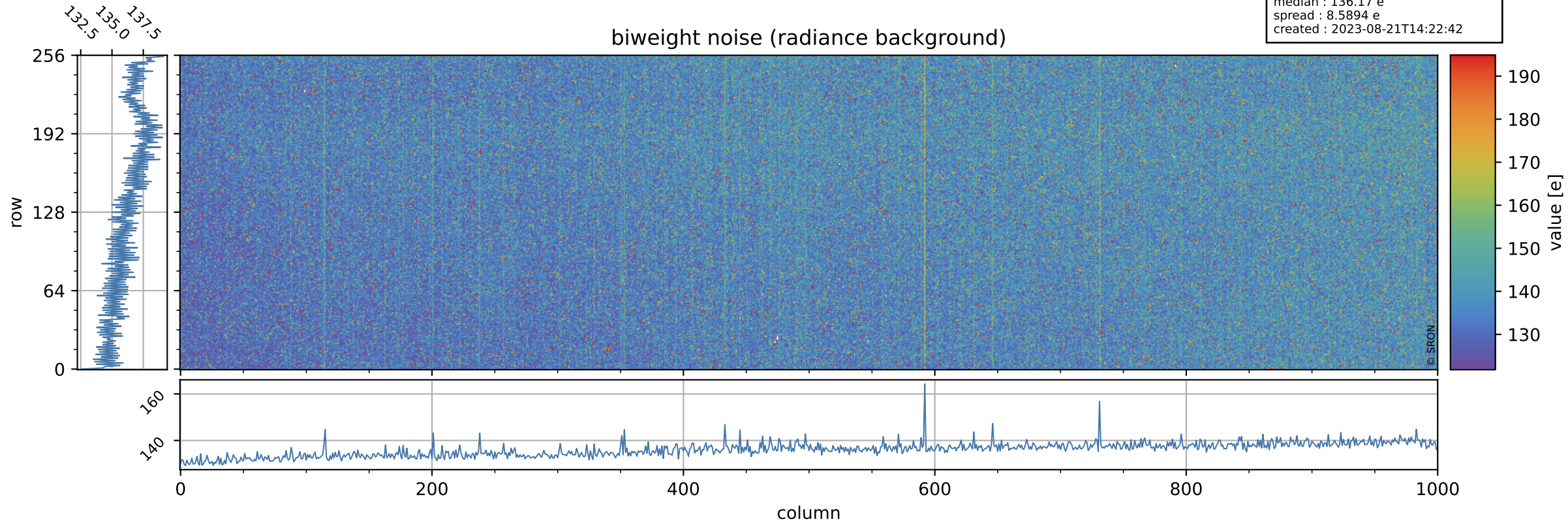




# Tropomi SWIR background noise (swir)

orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.5894 e  
created : 2023-08-21T14:22:42

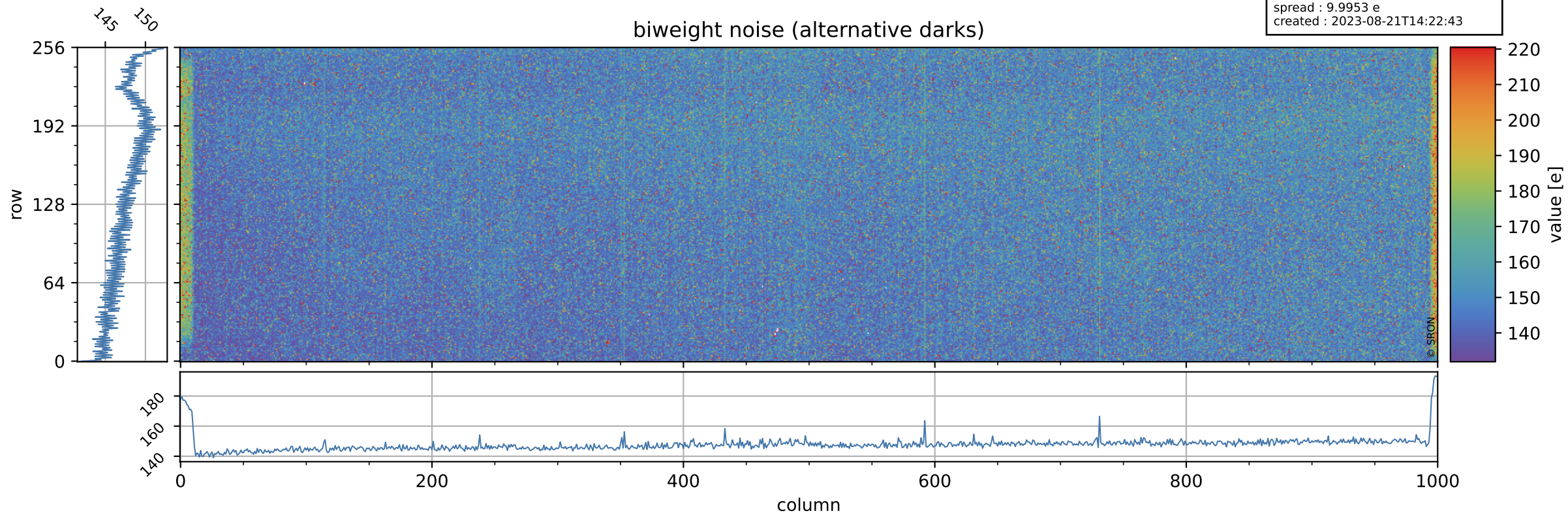
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.5 e  
spread : 9.9953 e  
created : 2023-08-21T14:22:43

## biweight noise (alternative darks)

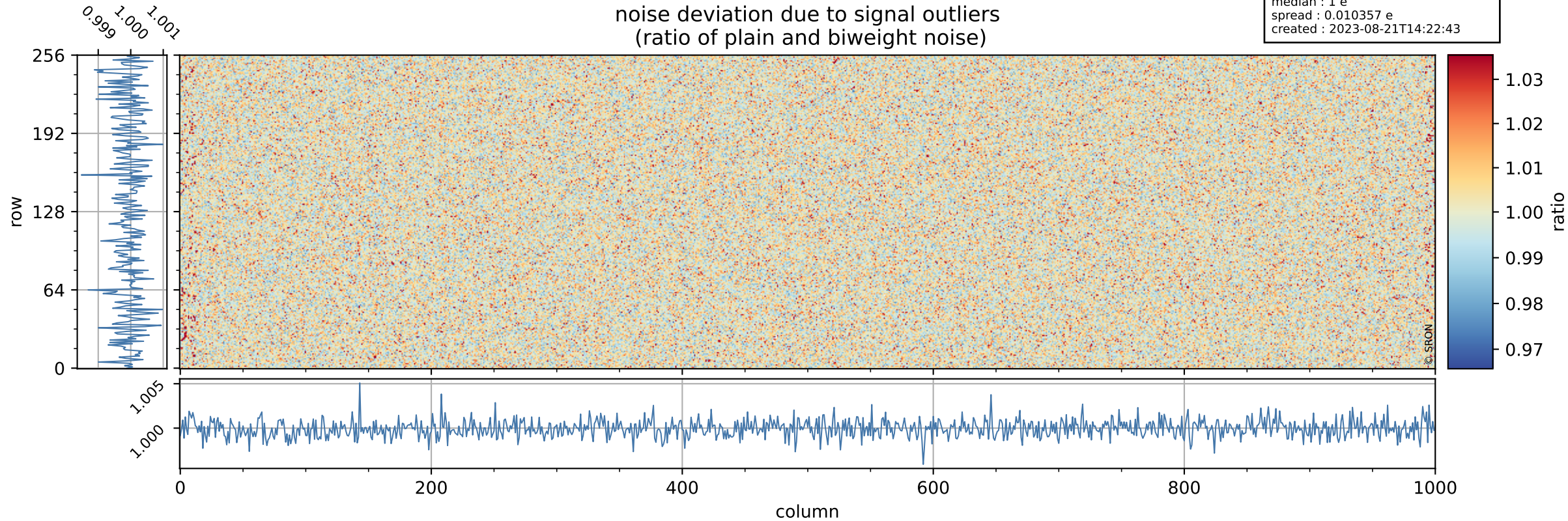




# Tropomi SWIR background noise (swir)

noise deviation due to signal outliers  
(ratio of plain and biweight noise)

orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
median : 1 e  
spread : 0.010357 e  
created : 2023-08-21T14:22:43

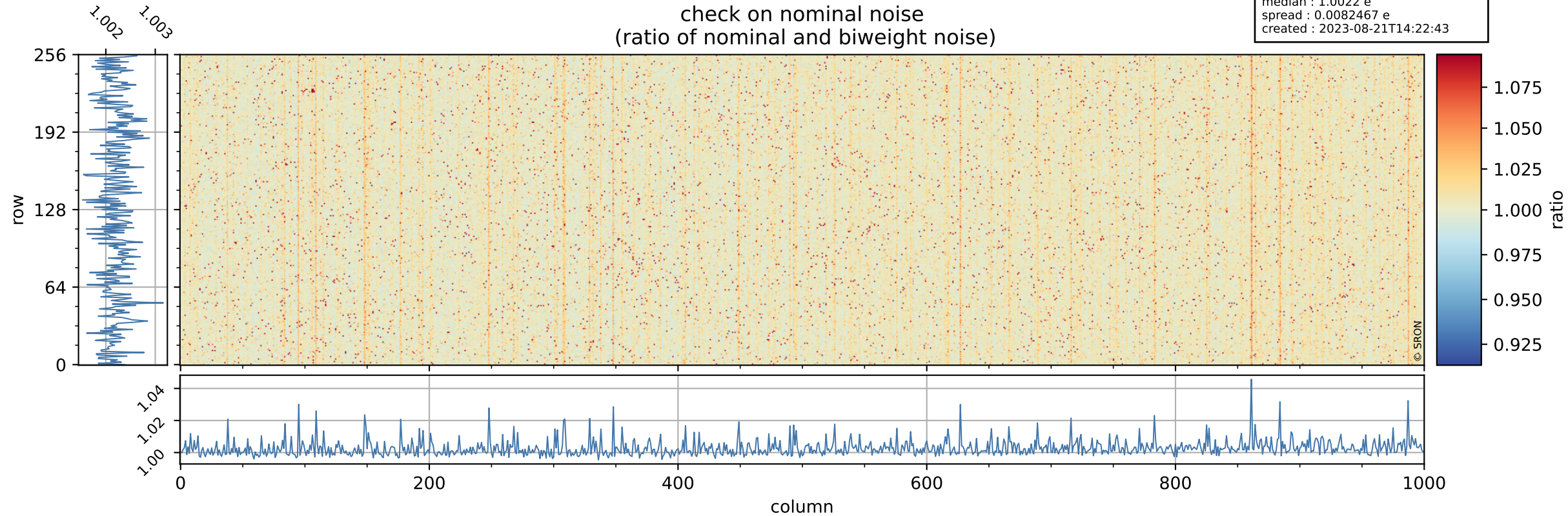




# Tropomi SWIR background noise (swir)

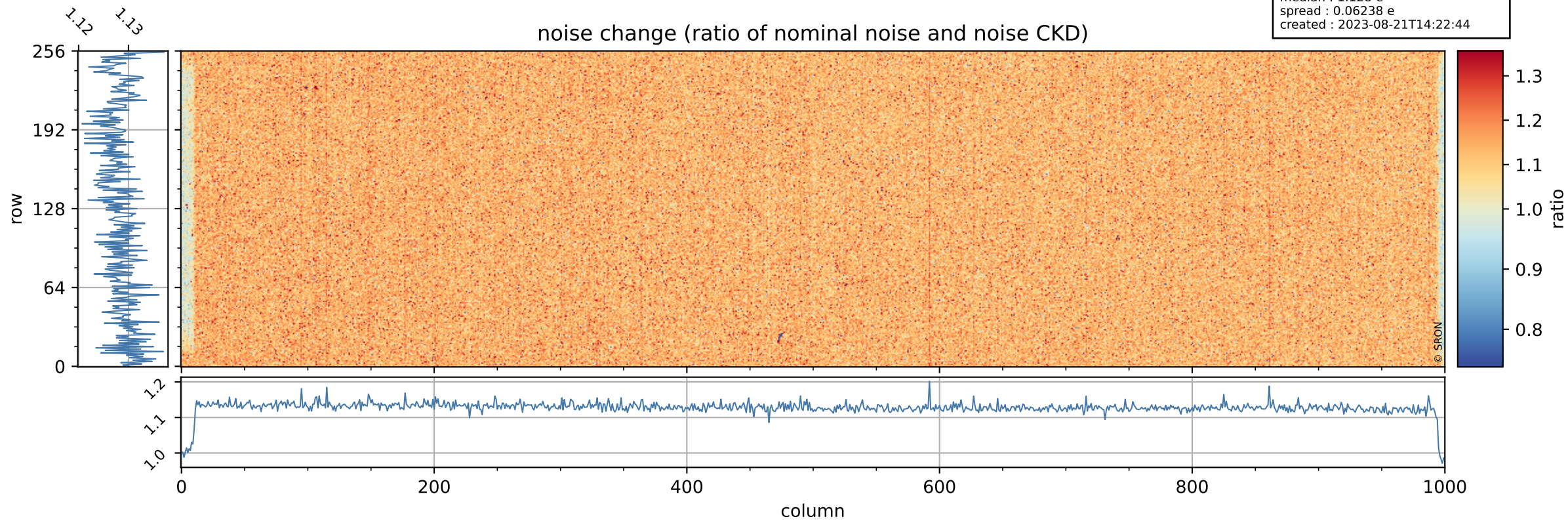
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
median : 1.0022 e  
spread : 0.0082467 e  
created : 2023-08-21T14:22:43



# Tropomi SWIR background noise (swir)

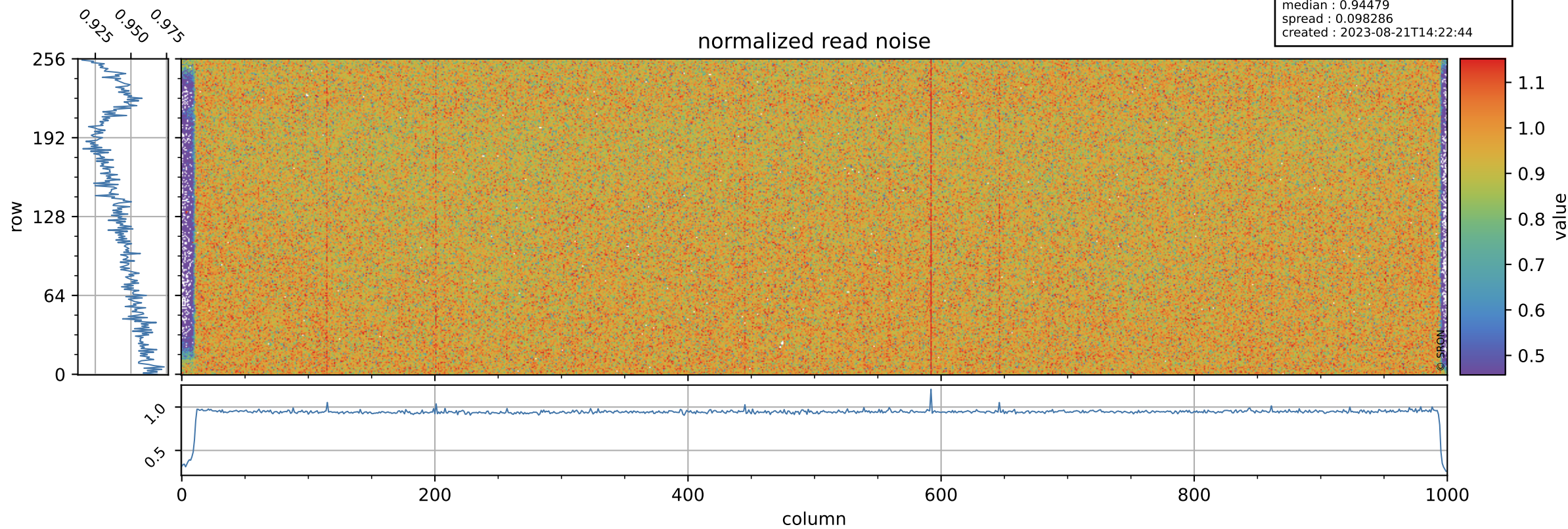
orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
median : 1.128 e  
spread : 0.06238 e  
created : 2023-08-21T14:22:44





# Tropomi SWIR background noise (swir)

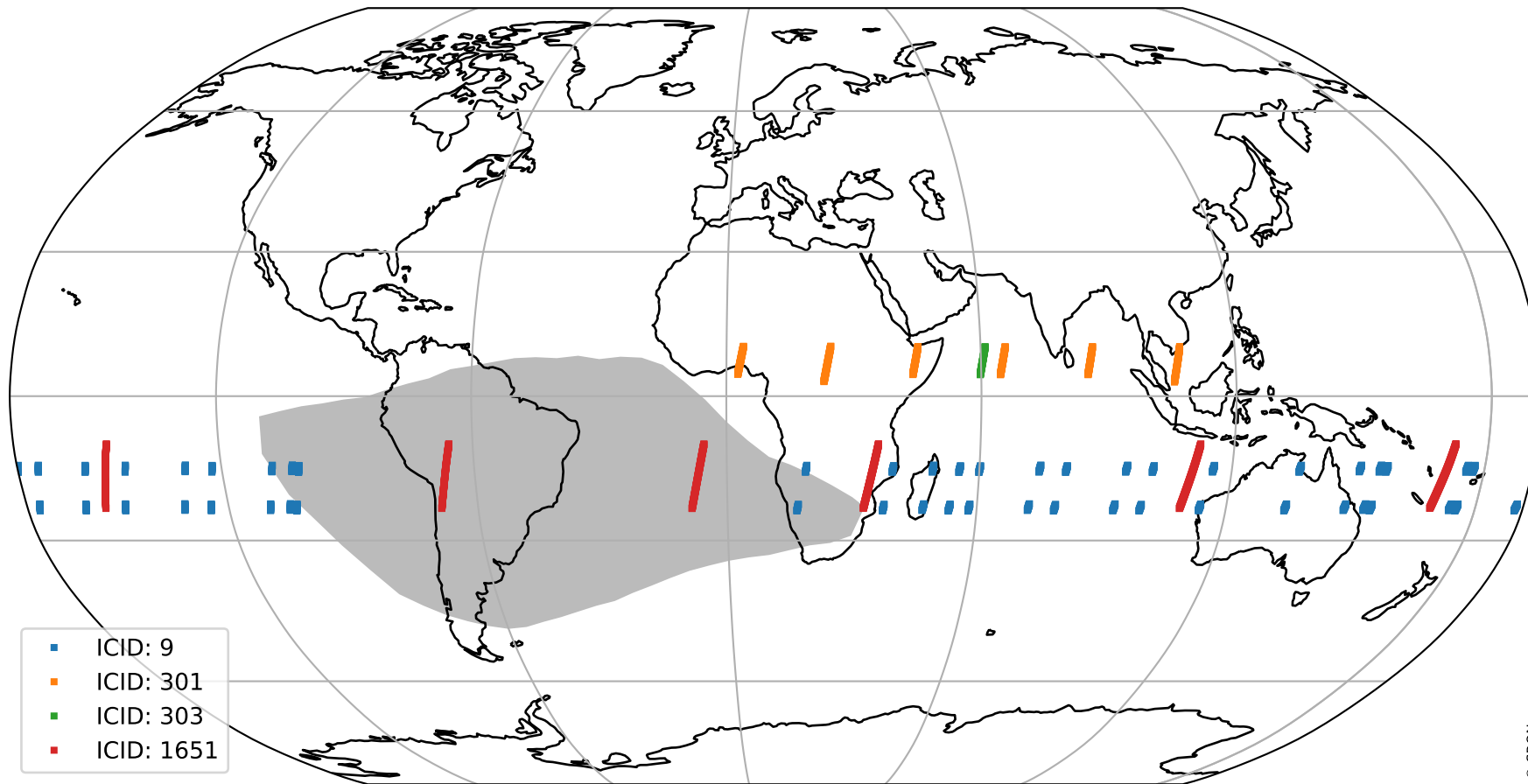
orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
median : 0.94479  
spread : 0.098286  
created : 2023-08-21T14:22:44





# Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

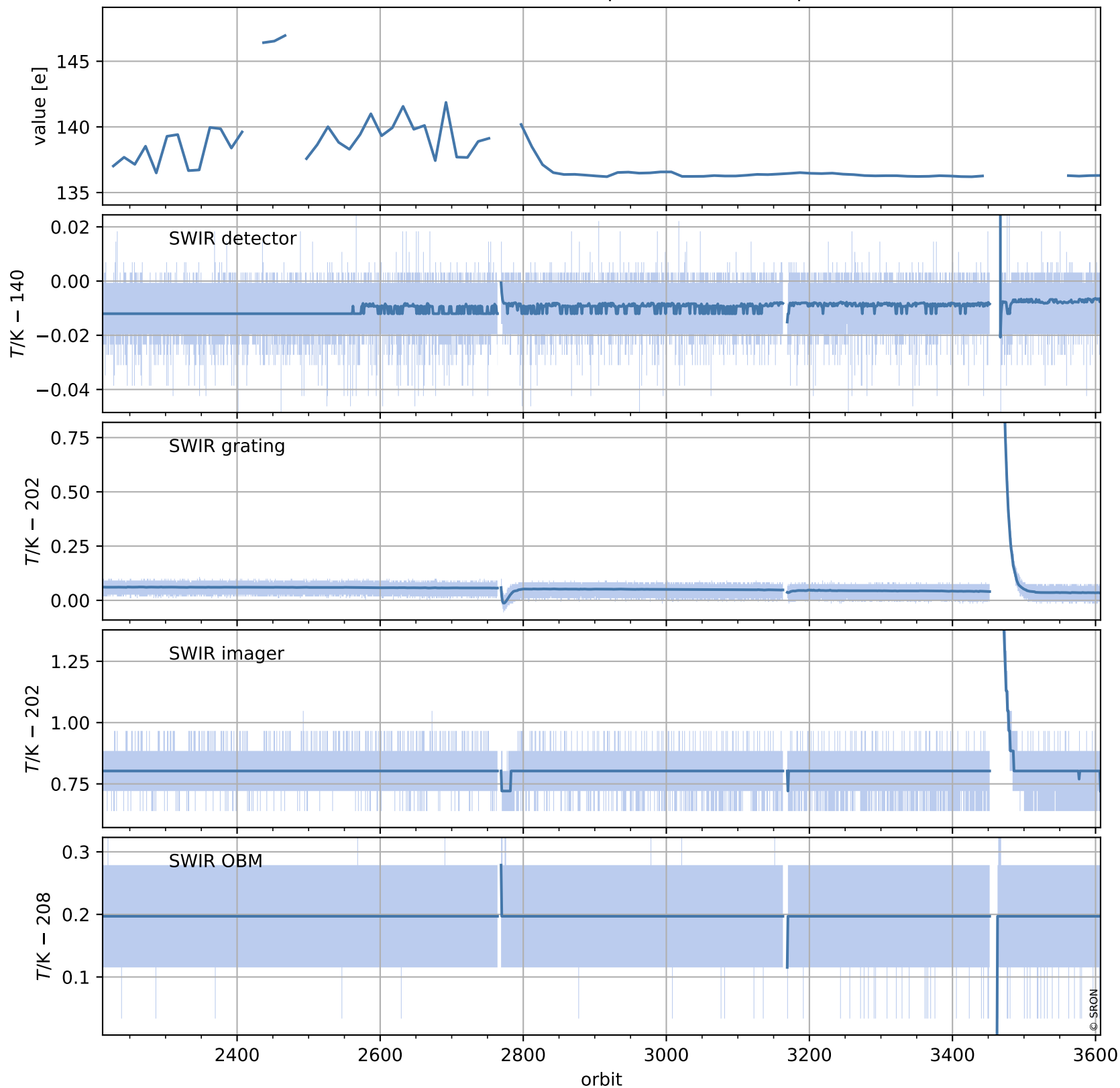
orbits : 13 in [3532, 3607]  
coverage : 2018-06-18 / 2018-06-24  
created : 2023-08-21T14:22:44



# Tropomi SWIR background noise (swir)

orbits : [2212, 3607]  
coverage : 2018-03-18 / 2018-06-24  
created : 2023-08-21T14:22:44

## trend of detector median of plain noise & temperatures

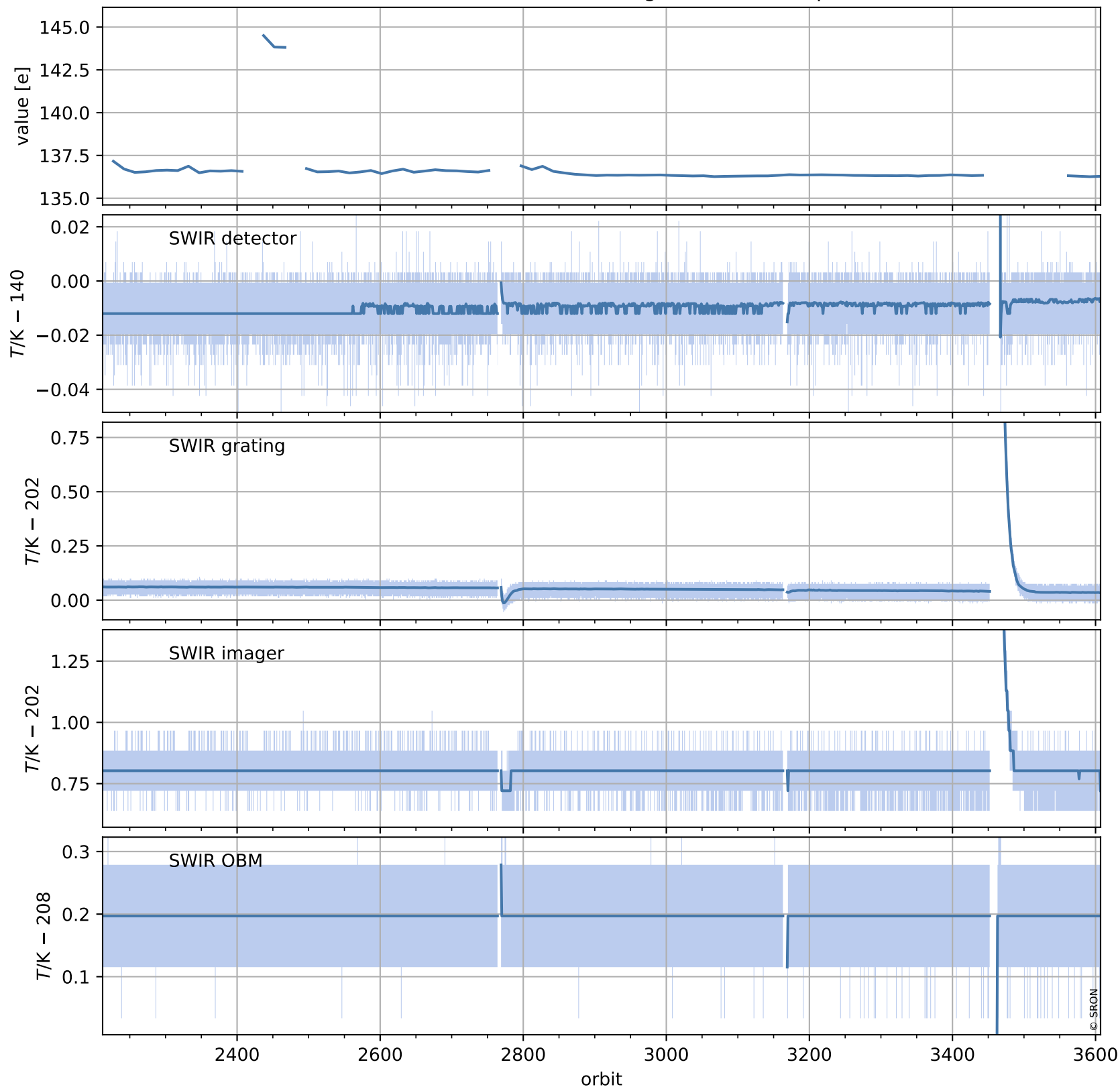




# Tropomi SWIR background noise (swir)

orbits : [2212, 3607]  
coverage : 2018-03-18 / 2018-06-24  
created : 2023-08-21T14:22:45

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3607]  
coverage : 2018-03-18 / 2018-06-24  
created : 2023-08-21T14:22:45

## trend of normalized read-noise & temperatures

