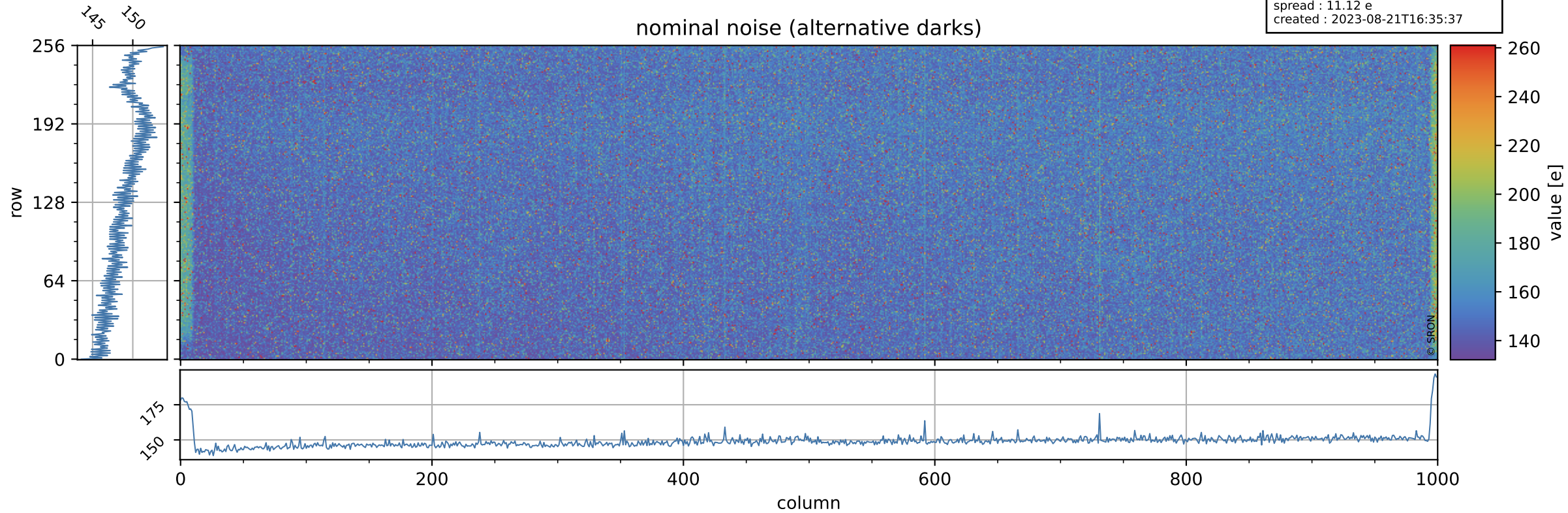


# Tropomi SWIR background noise (swir)

orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
n\_coad, t\_exp : 1, 1.0783  
median : 148.81 e  
spread : 11.12 e  
created : 2023-08-21T16:35:37

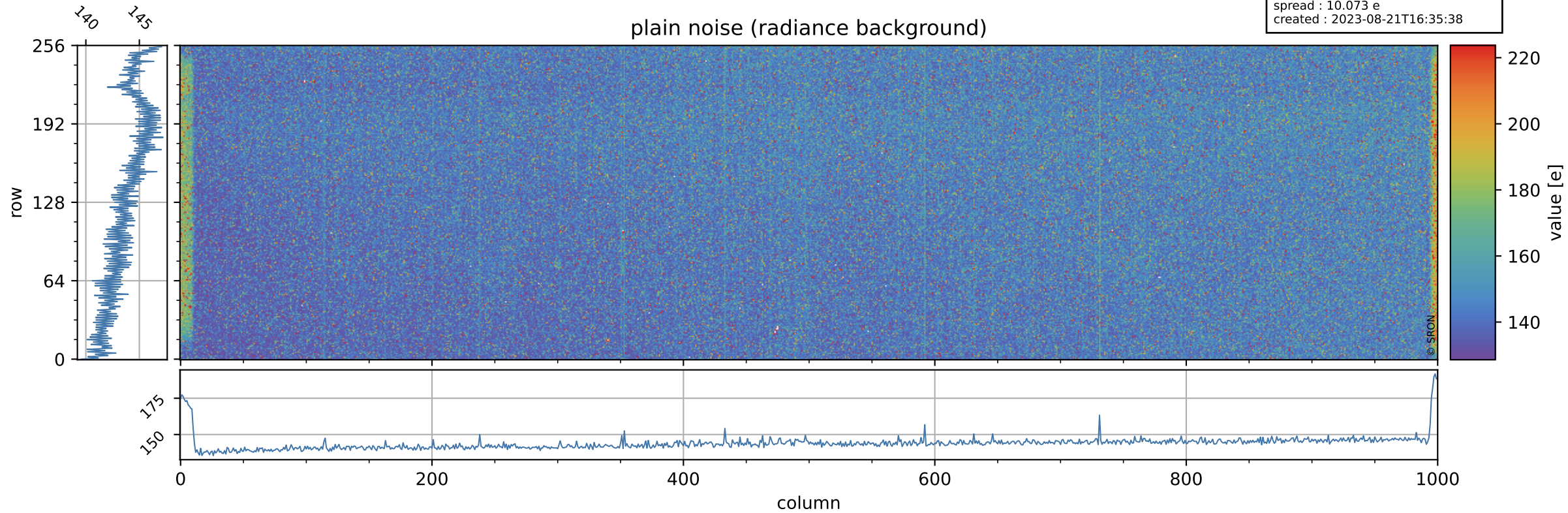
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
n\_coad, t\_exp : 1, 0.8383  
median : 143.69 e  
spread : 10.073 e  
created : 2023-08-21T16:35:38

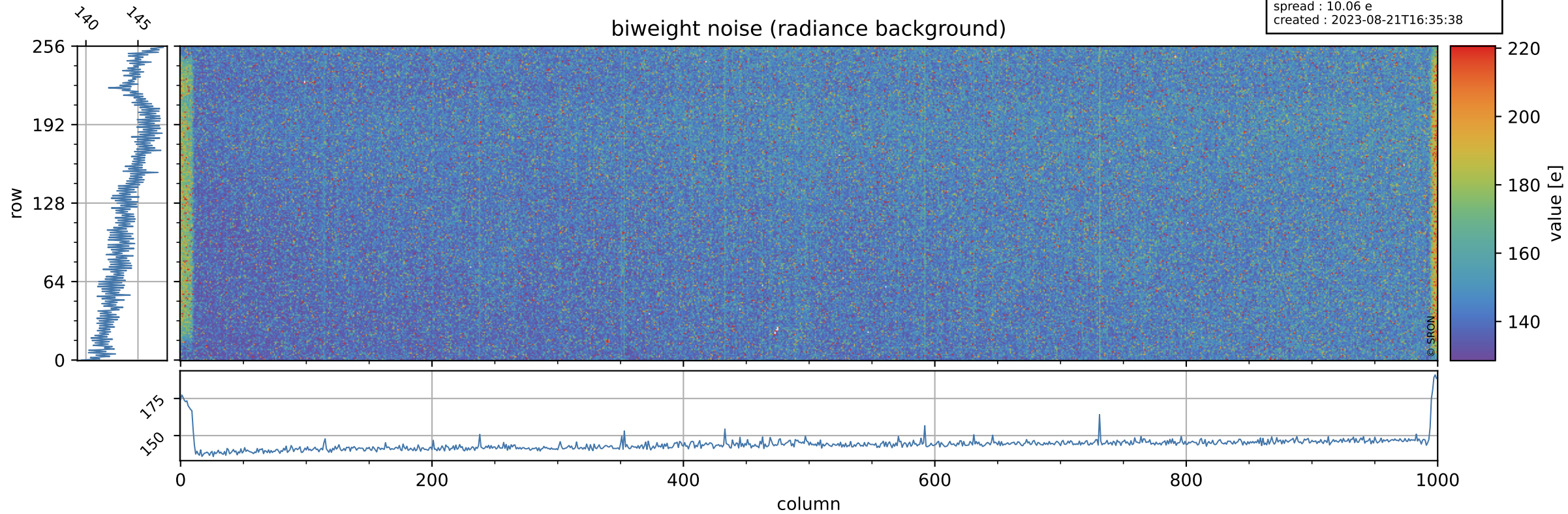
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
n\_coad, t\_exp : 1, 0.8383  
median : 143.92 e  
spread : 10.06 e  
created : 2023-08-21T16:35:38

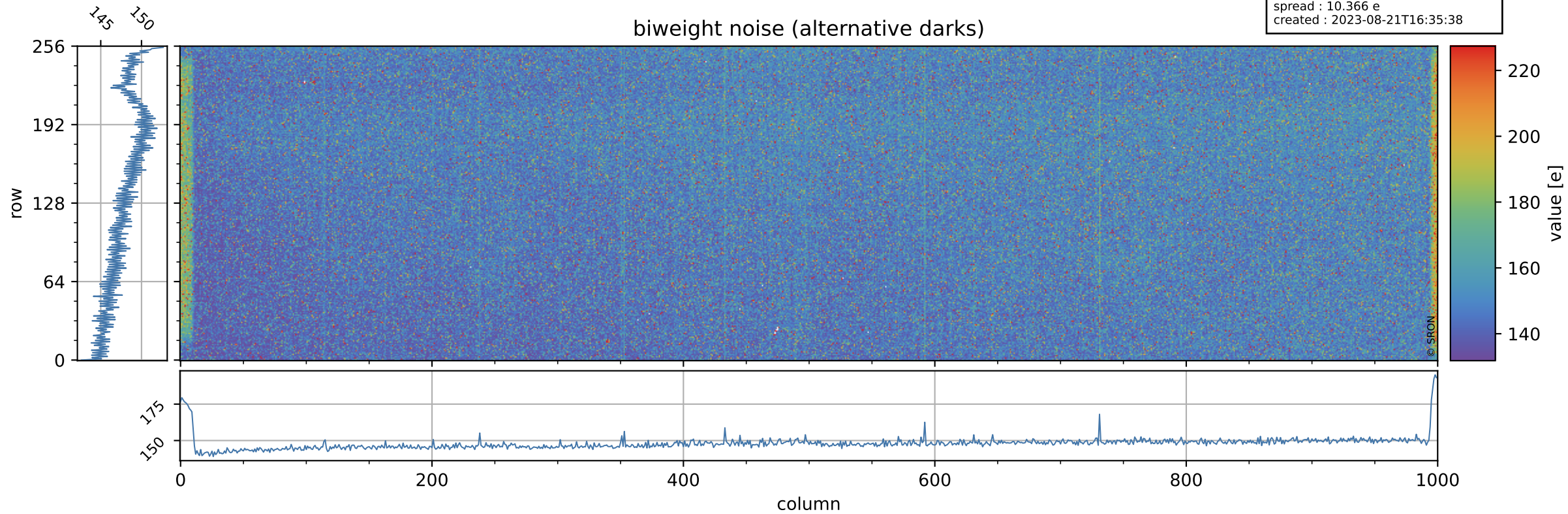
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
n\_coad, t\_exp : 1, 1.0783  
median : 147.81 e  
spread : 10.366 e  
created : 2023-08-21T16:35:38

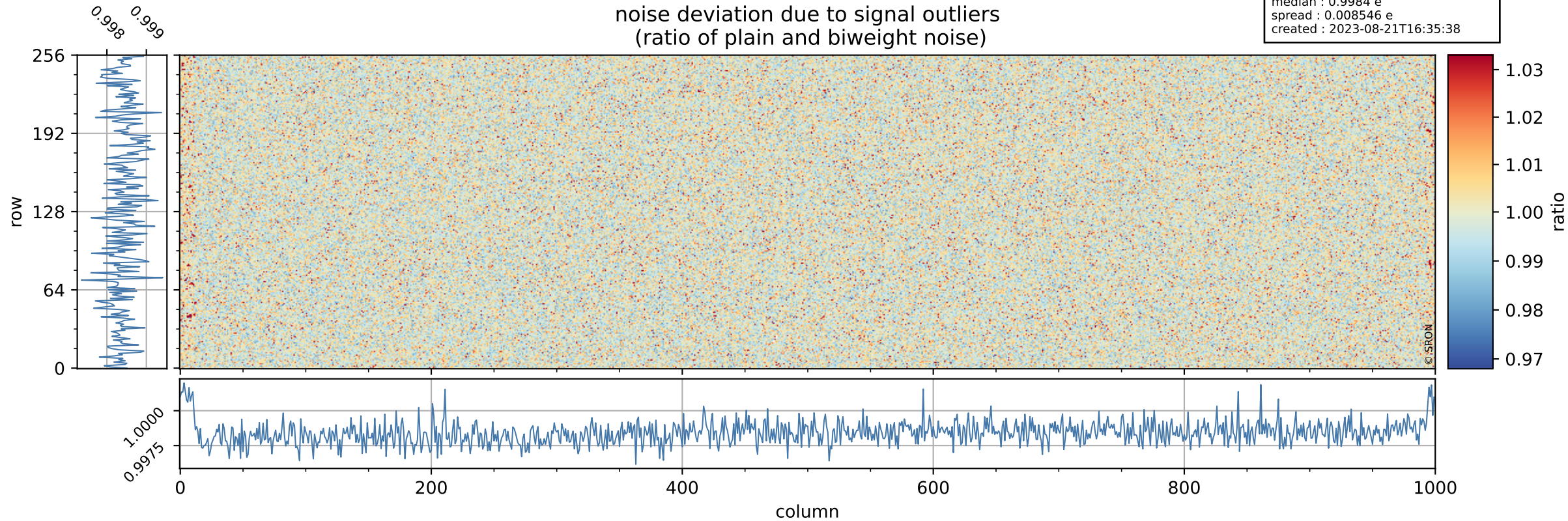
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

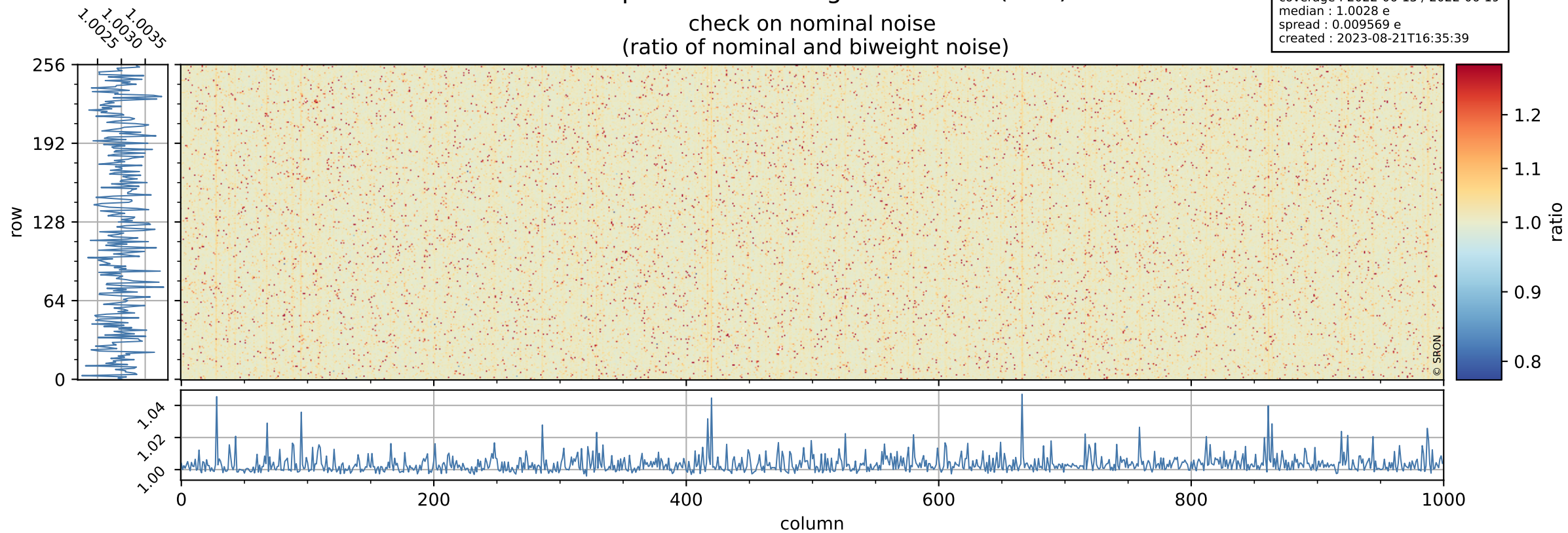
orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
median : 0.9984 e  
spread : 0.008546 e  
created : 2023-08-21T16:35:38



# Tropomi SWIR background noise (swir)

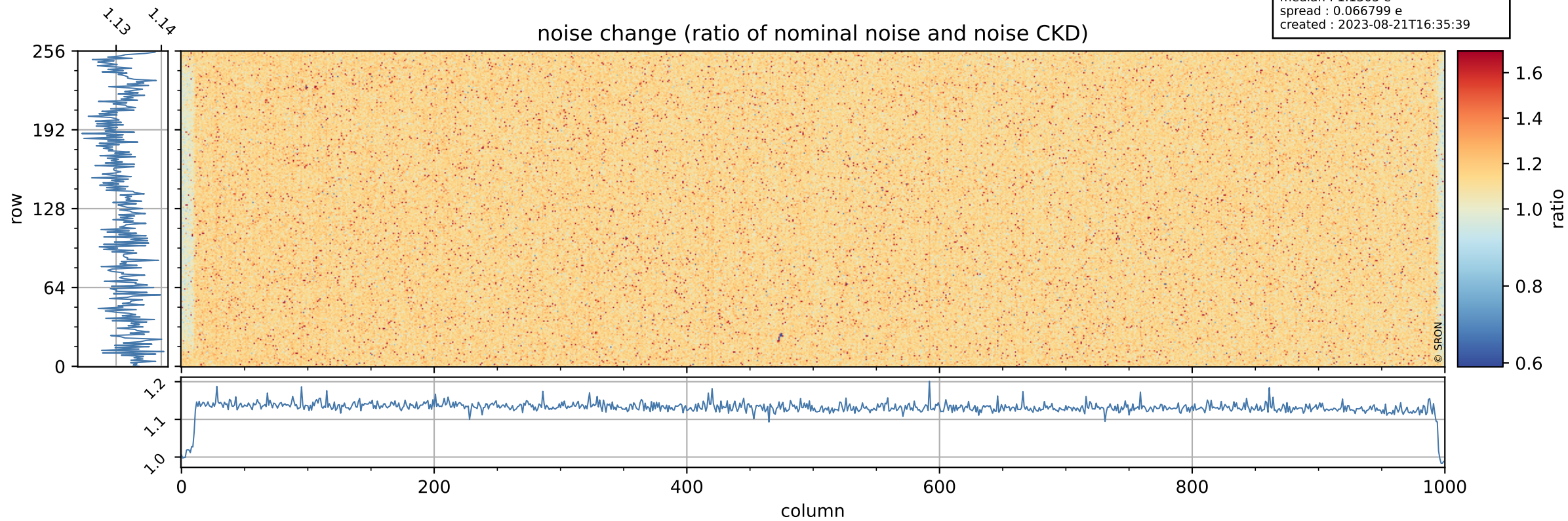
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
median : 1.0028 e  
spread : 0.009569 e  
created : 2023-08-21T16:35:39



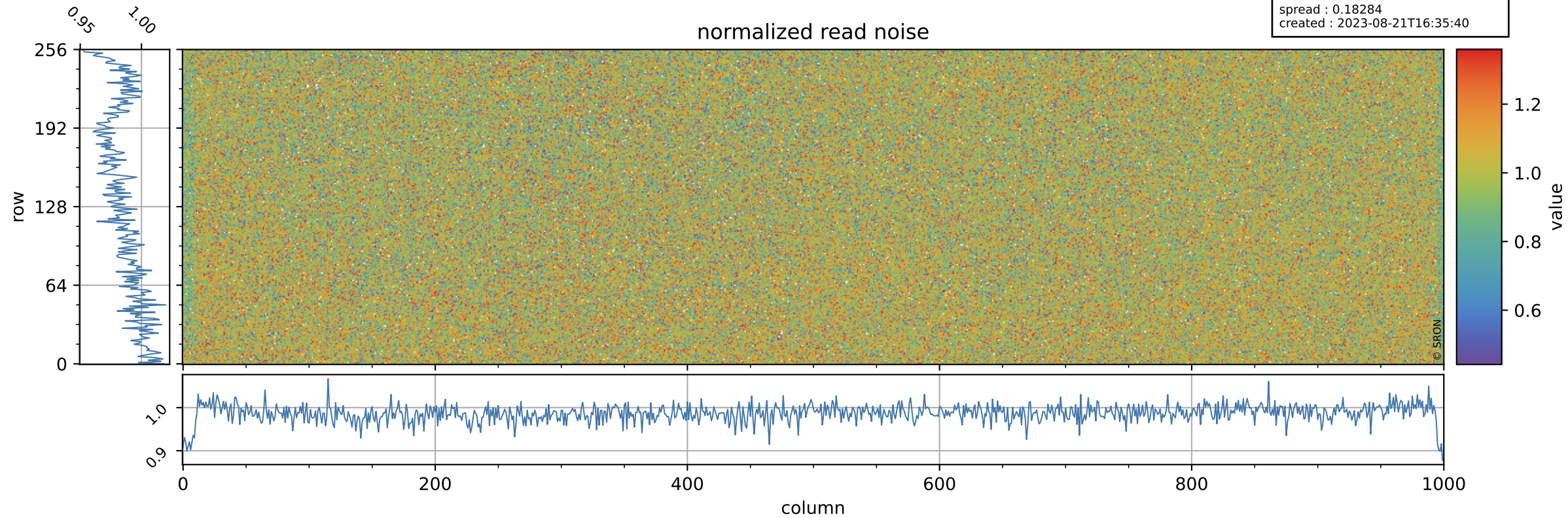
# Tropomi SWIR background noise (swir)

orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
median : 1.1305 e  
spread : 0.066799 e  
created : 2023-08-21T16:35:39



# Tropomi SWIR background noise (swir)

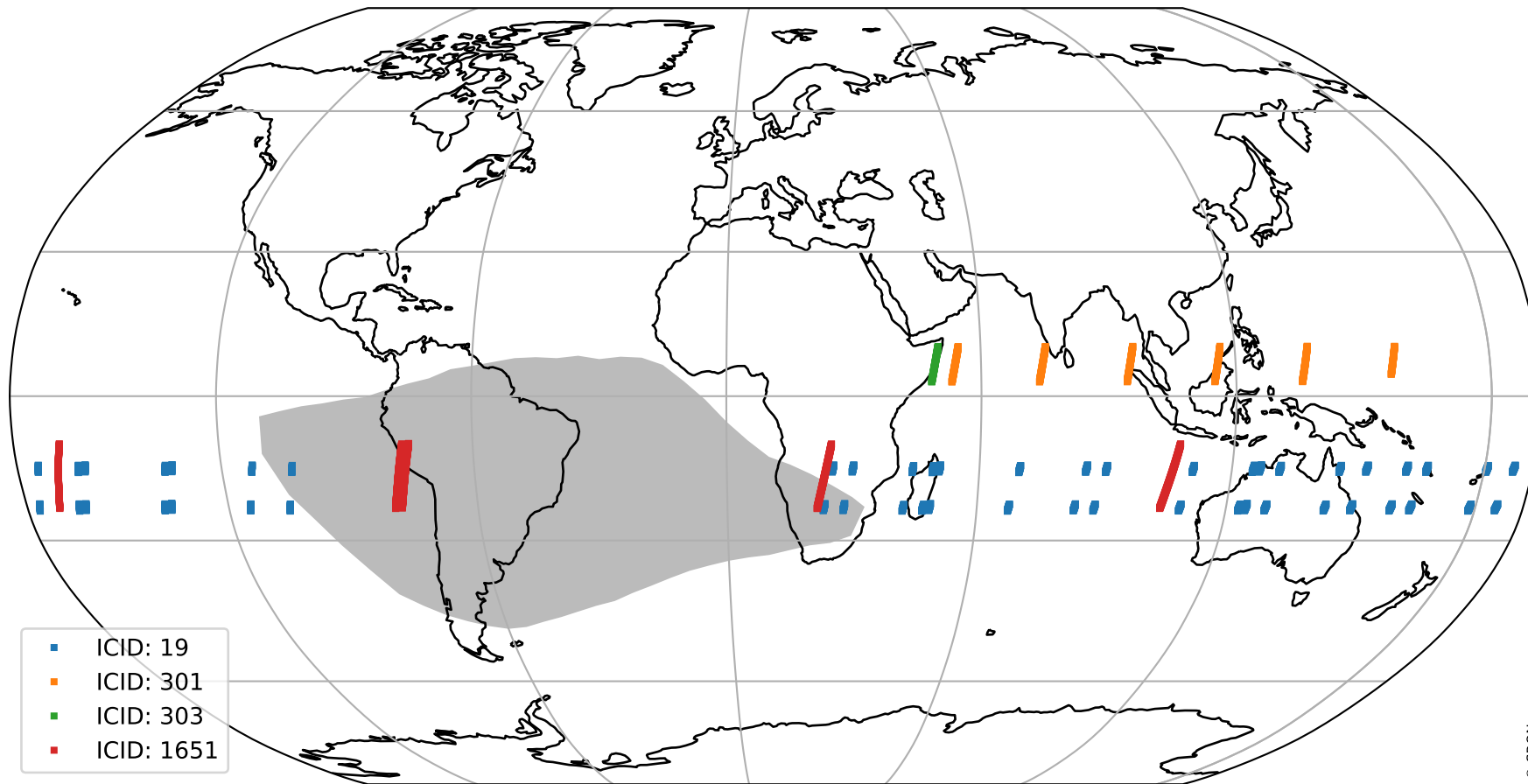
orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
median : 0.98506  
spread : 0.18284  
created : 2023-08-21T16:35:40





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

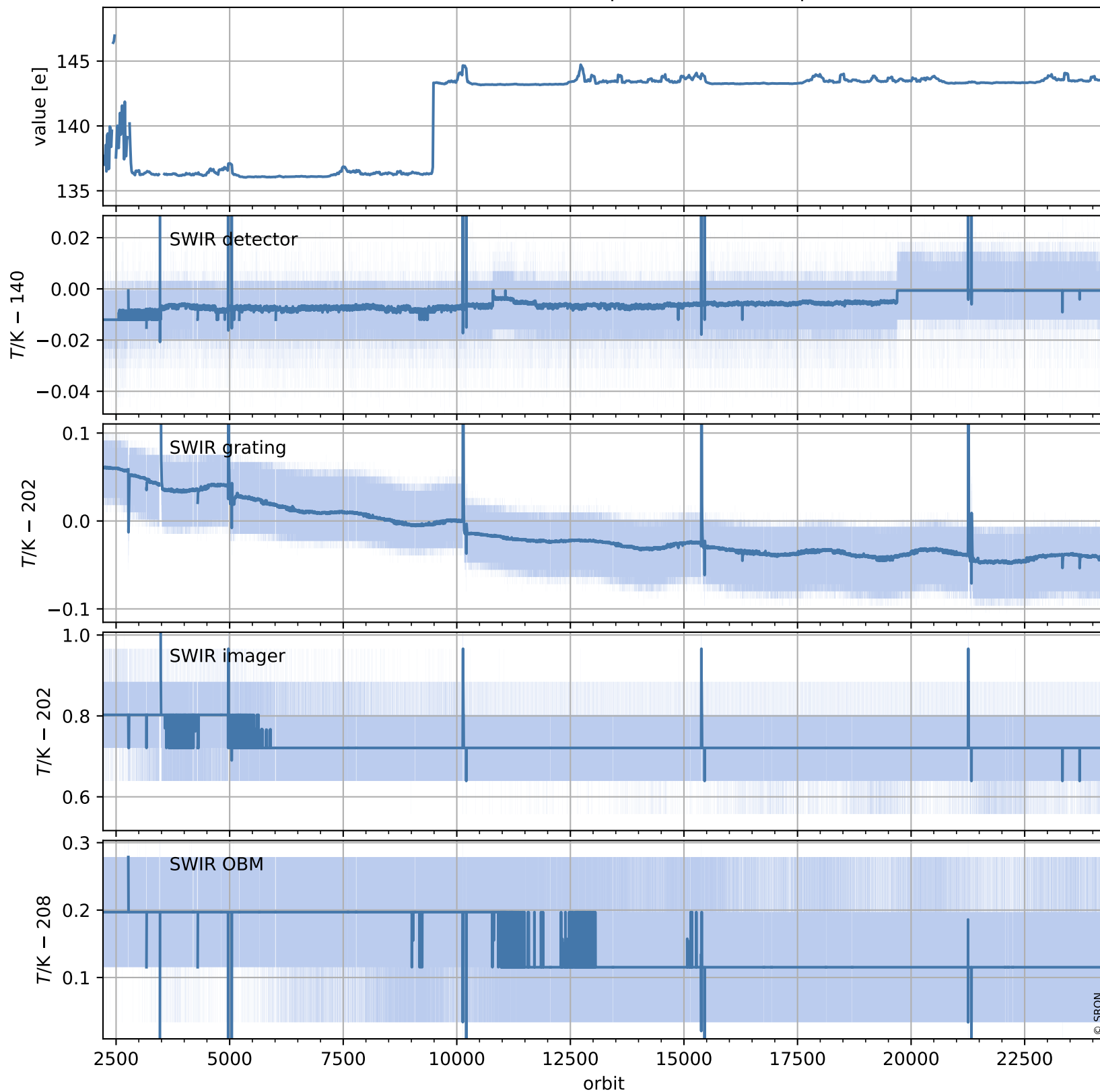
orbits : 12 in [24172, 24262]  
coverage : 2022-06-13 / 2022-06-19  
created : 2023-08-21T16:35:40



# Tropomi SWIR background noise (swir)

orbits : [2212, 24262]  
coverage : 2018-03-18 / 2022-06-19  
created : 2023-08-21T16:35:40

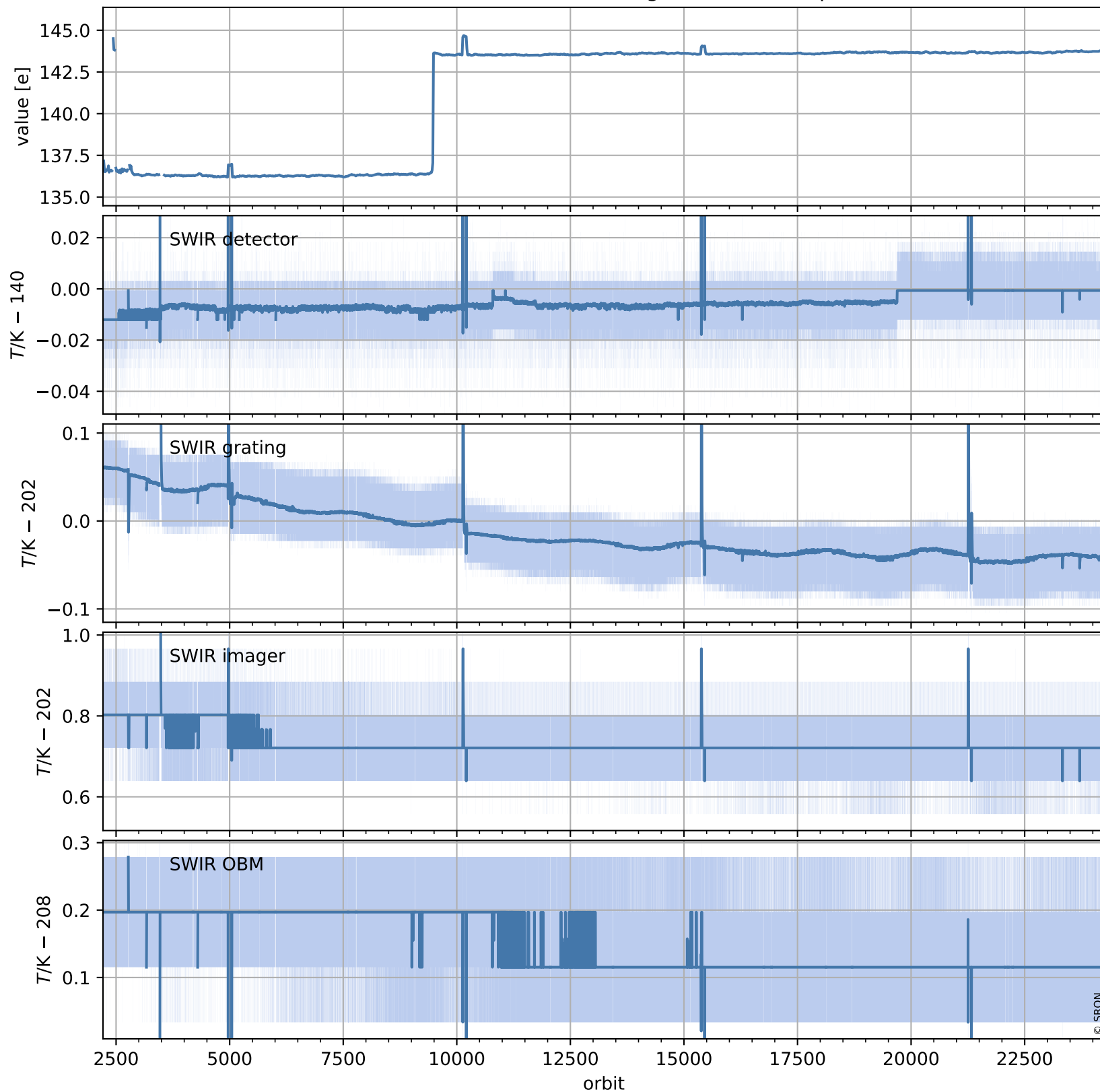
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24262]  
coverage : 2018-03-18 / 2022-06-19  
created : 2023-08-21T16:35:41

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24262]  
coverage : 2018-03-18 / 2022-06-19  
created : 2023-08-21T16:35:42

## trend of normalized read-noise & temperatures

