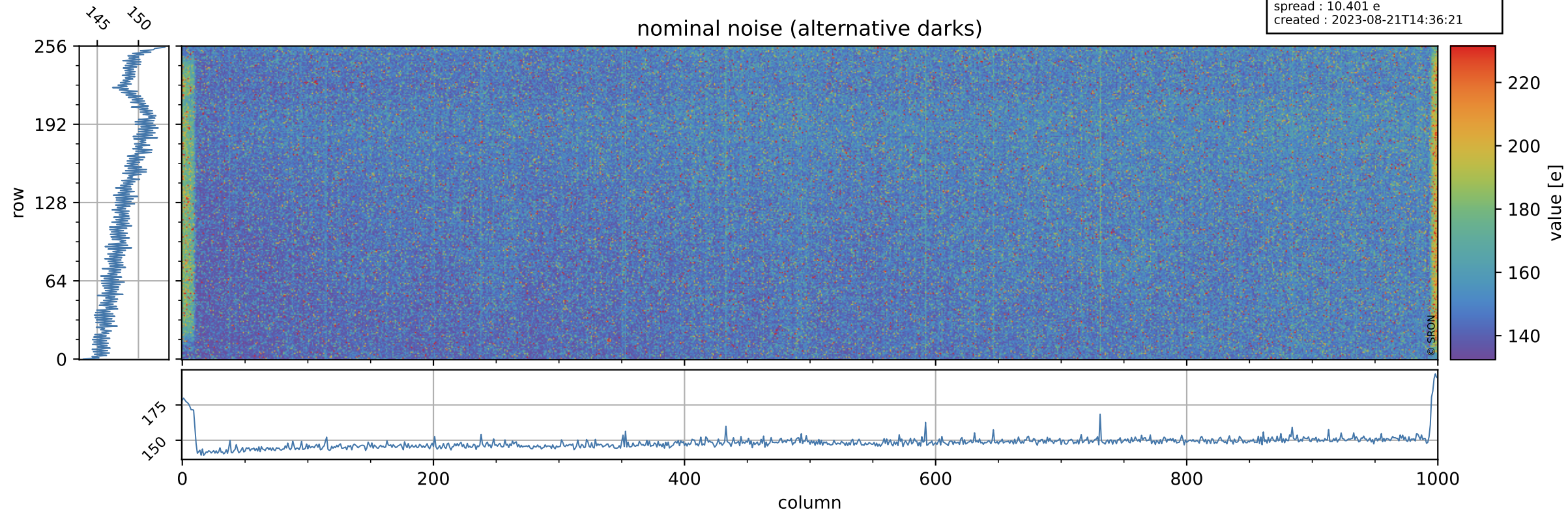


# Tropomi SWIR background noise (swir)

orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
n\_coad, t\_exp : 1, 1.0783  
median : 148.3 e  
spread : 10.401 e  
created : 2023-08-21T14:36:21

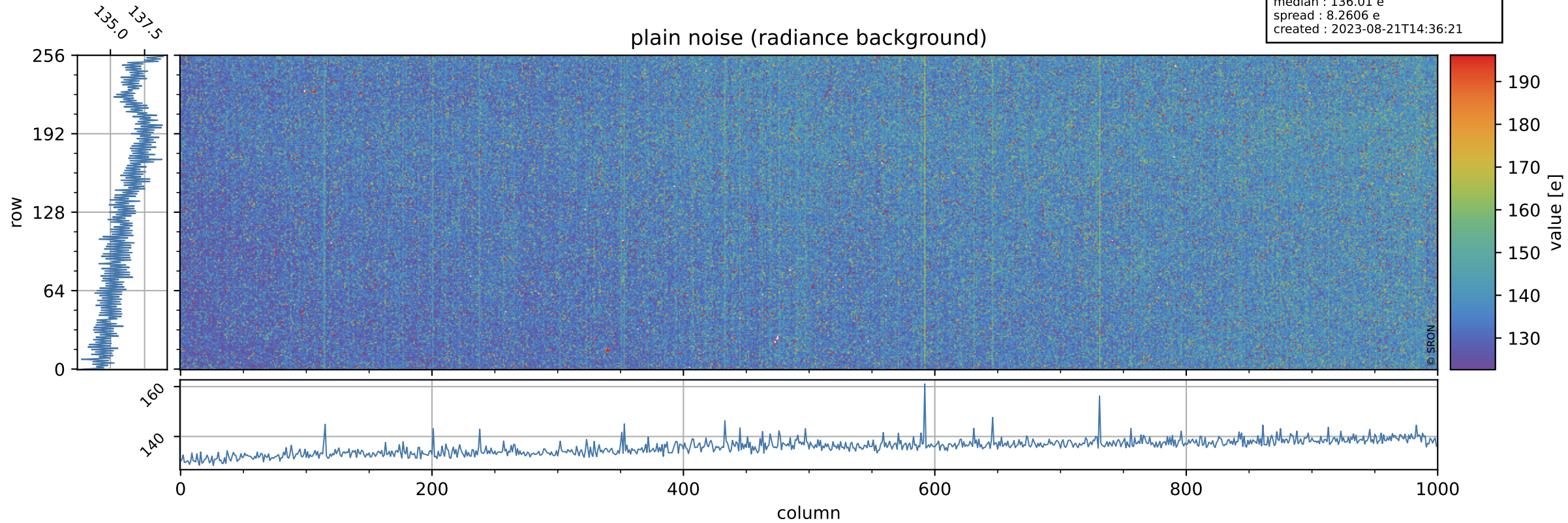
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
n\_coad, t\_exp : 2, 0.5383  
median : 136.01 e  
spread : 8.2606 e  
created : 2023-08-21T14:36:21

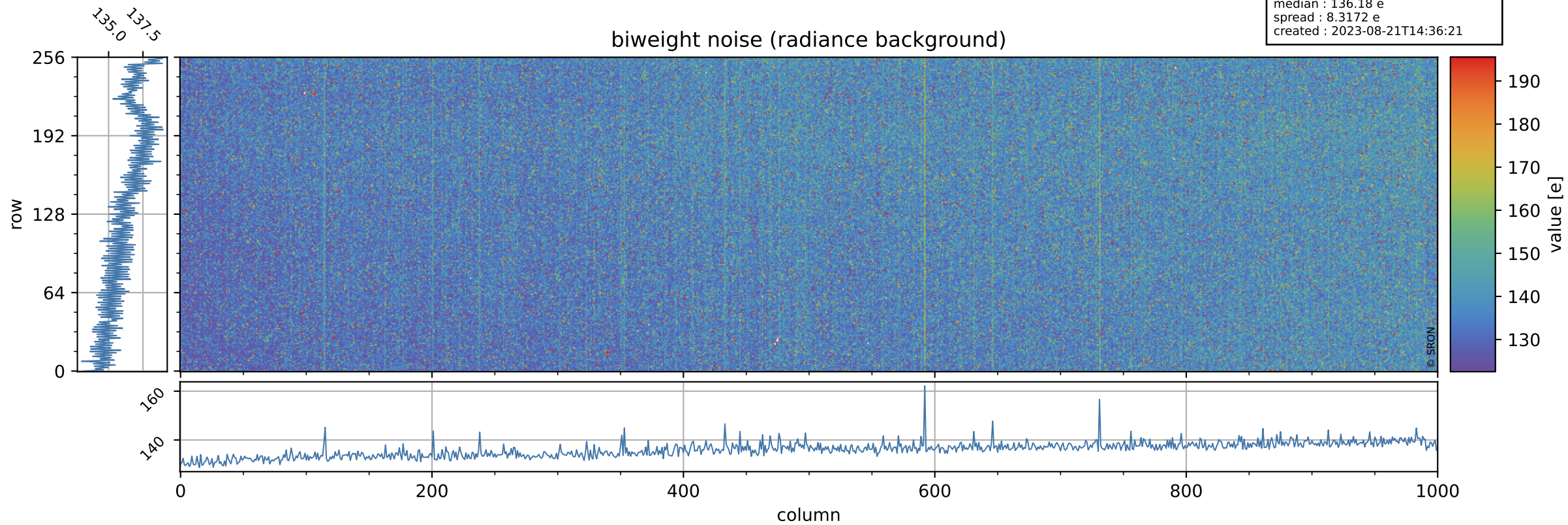
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.3172 e  
created : 2023-08-21T14:36:21

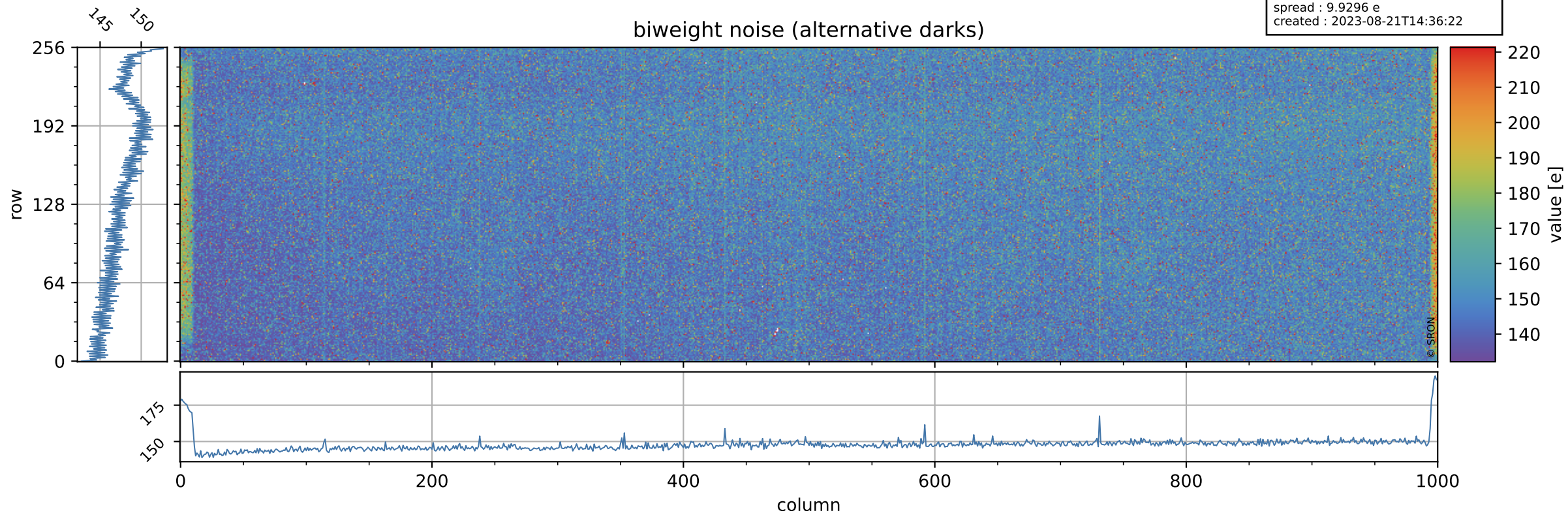
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
n\_coad, t\_exp : 1, 1.0783  
median : 147.52 e  
spread : 9.9296 e  
created : 2023-08-21T14:36:22

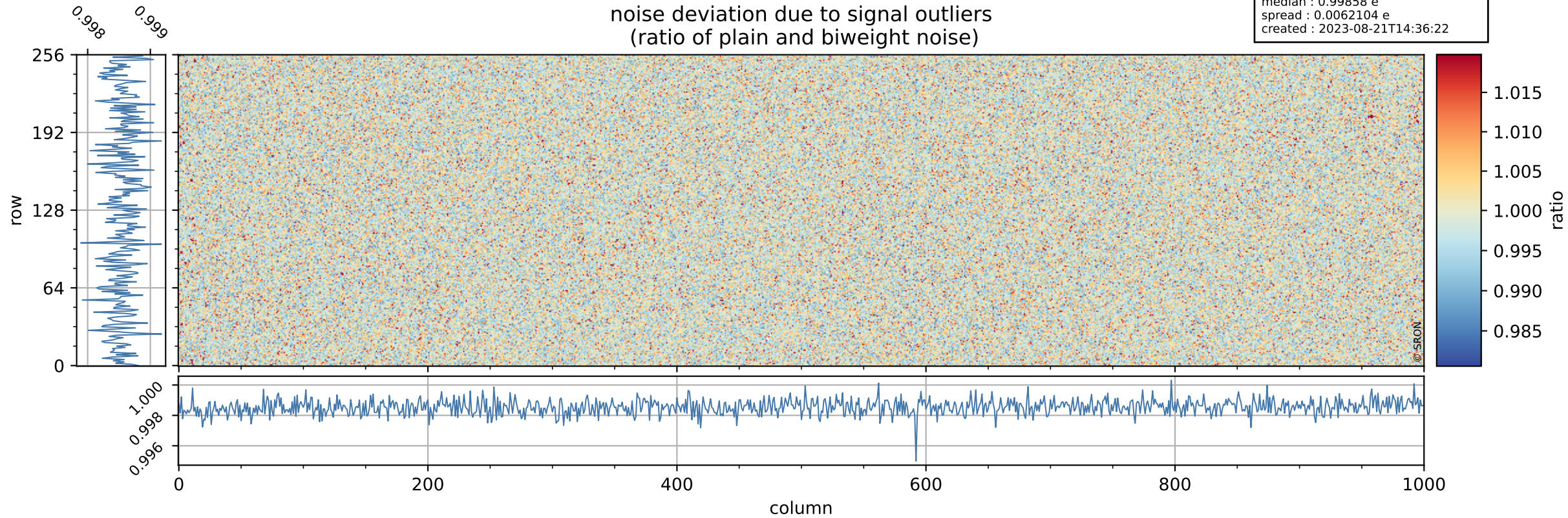
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

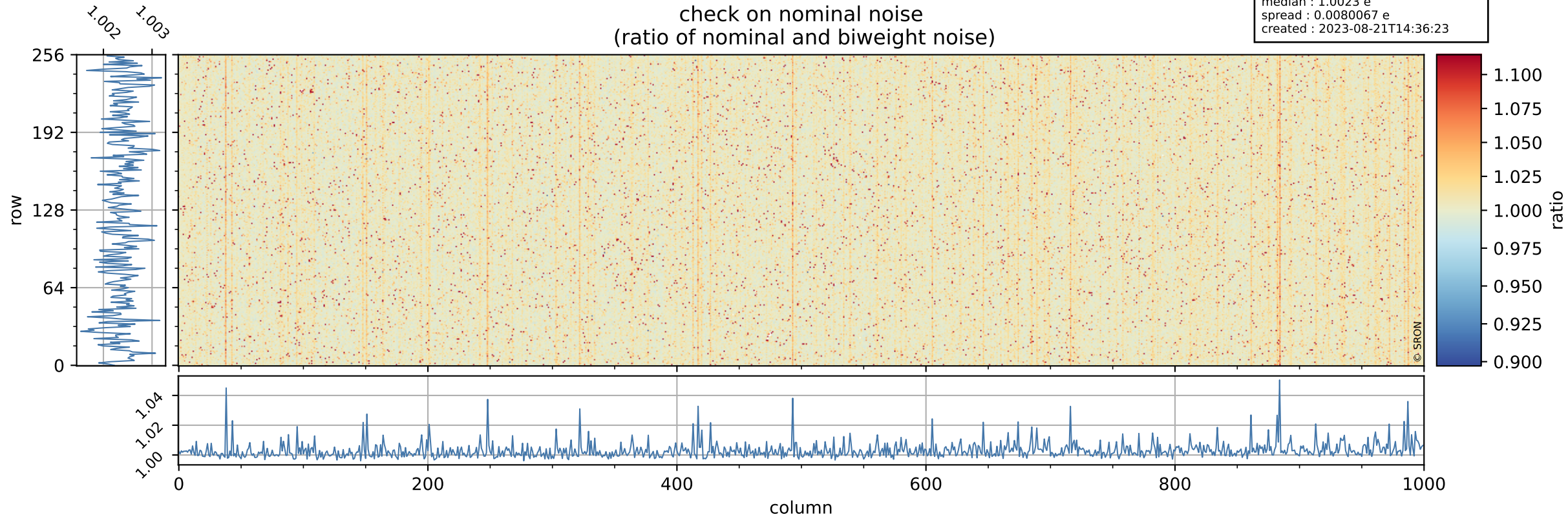
orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
median : 0.99858 e  
spread : 0.0062104 e  
created : 2023-08-21T14:36:22



# Tropomi SWIR background noise (swir)

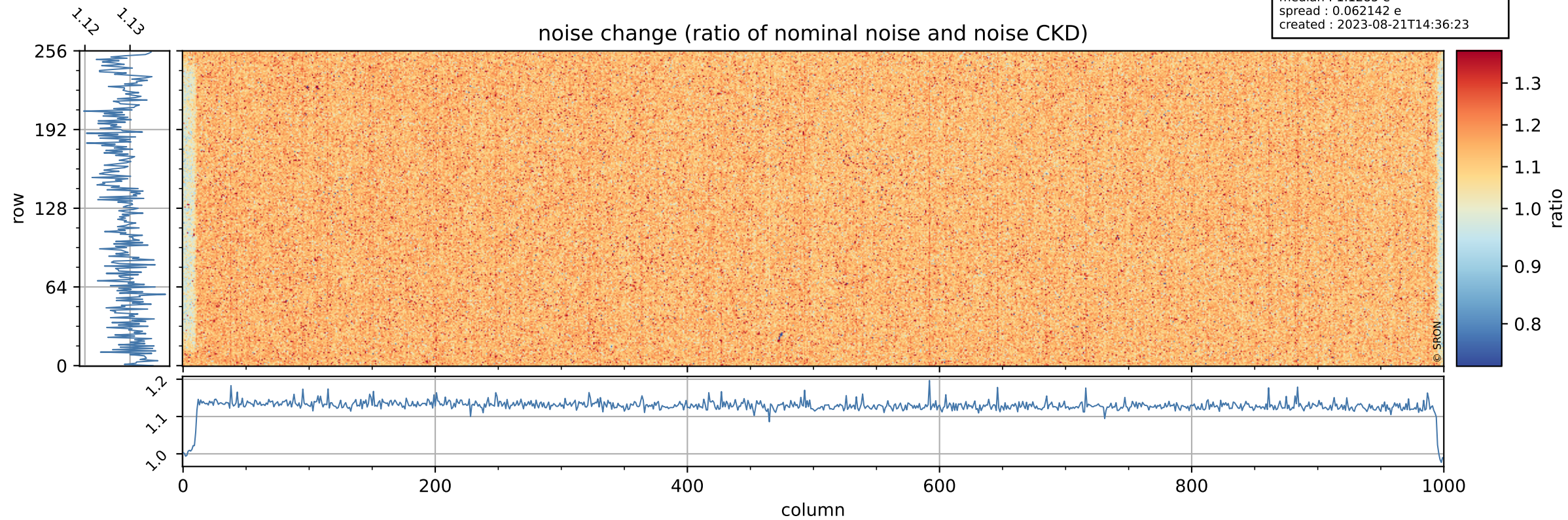
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
median : 1.0023 e  
spread : 0.0080067 e  
created : 2023-08-21T14:36:23



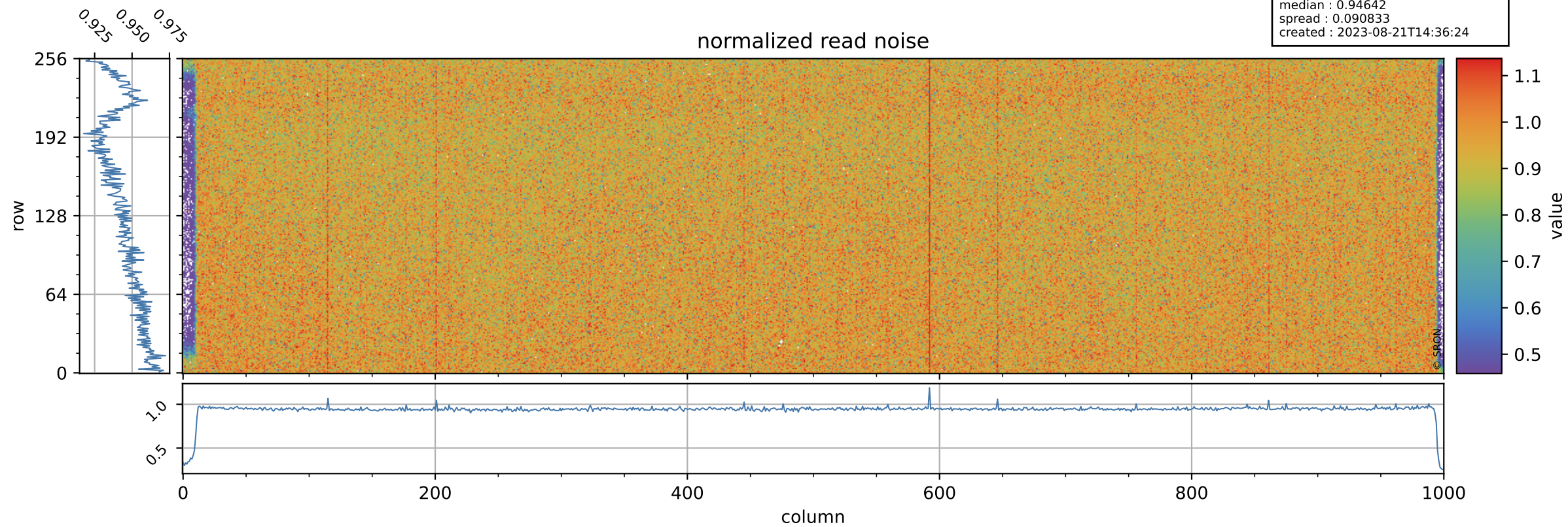
# Tropomi SWIR background noise (swir)

orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
median : 1.1285 e  
spread : 0.062142 e  
created : 2023-08-21T14:36:23



# Tropomi SWIR background noise (swir)

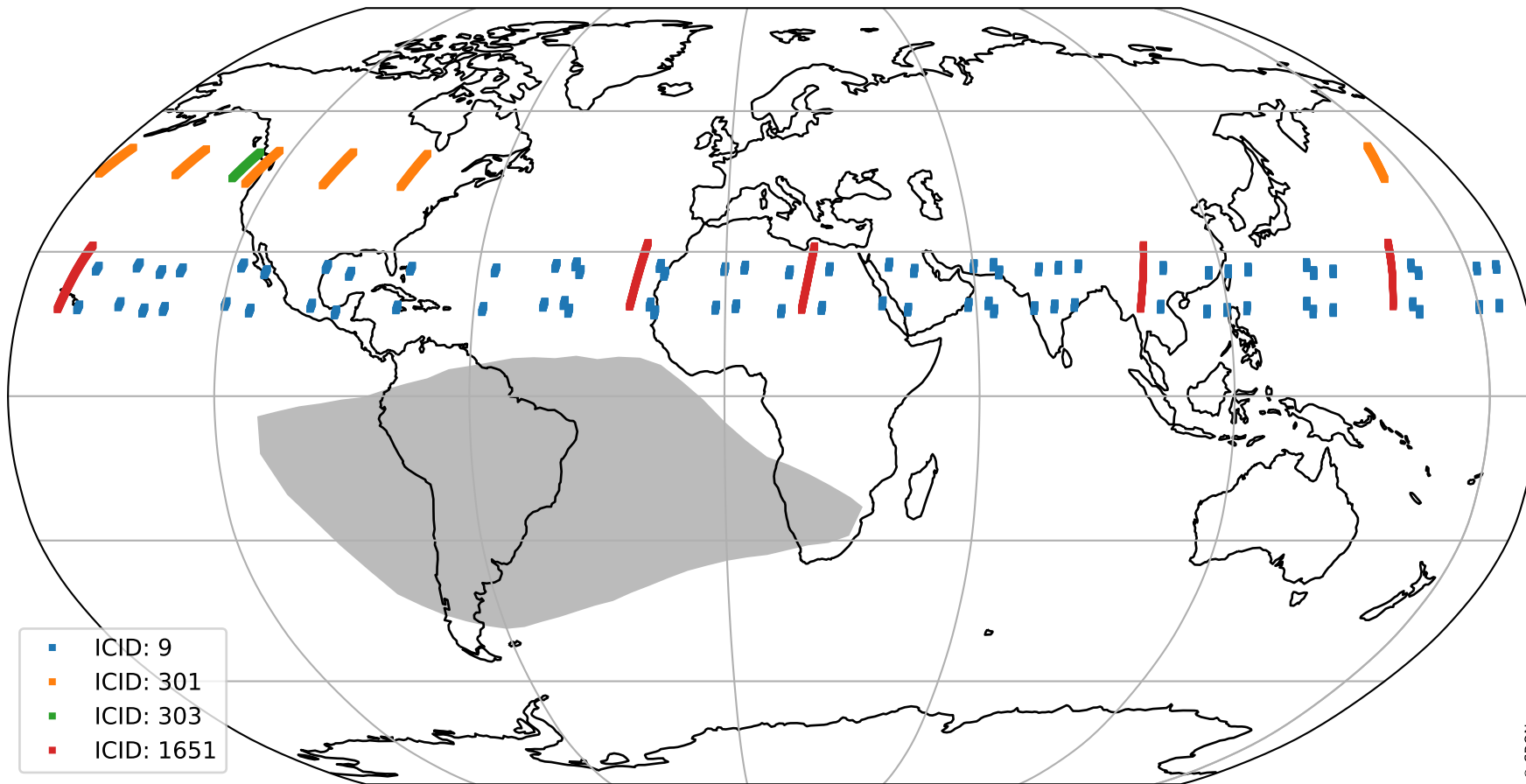
orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
median : 0.94642  
spread : 0.090833  
created : 2023-08-21T14:36:24





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

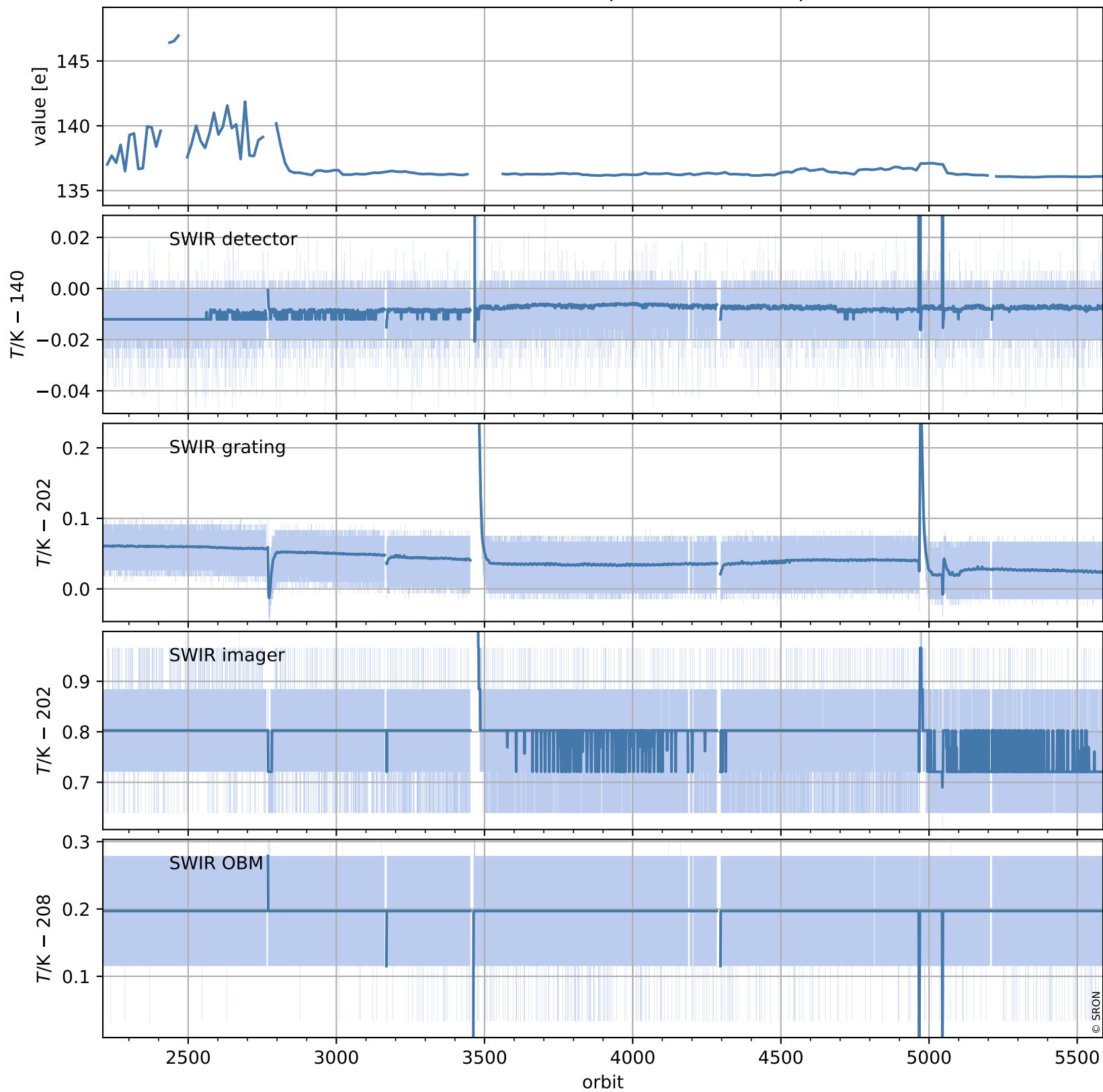
orbits : 12 in [5512, 5587]  
coverage : 2018-11-05 / 2018-11-10  
created : 2023-08-21T14:36:24



# Tropomi SWIR background noise (swir)

orbits : [2212, 5587]  
coverage : 2018-03-18 / 2018-11-10  
created : 2023-08-21T14:36:25

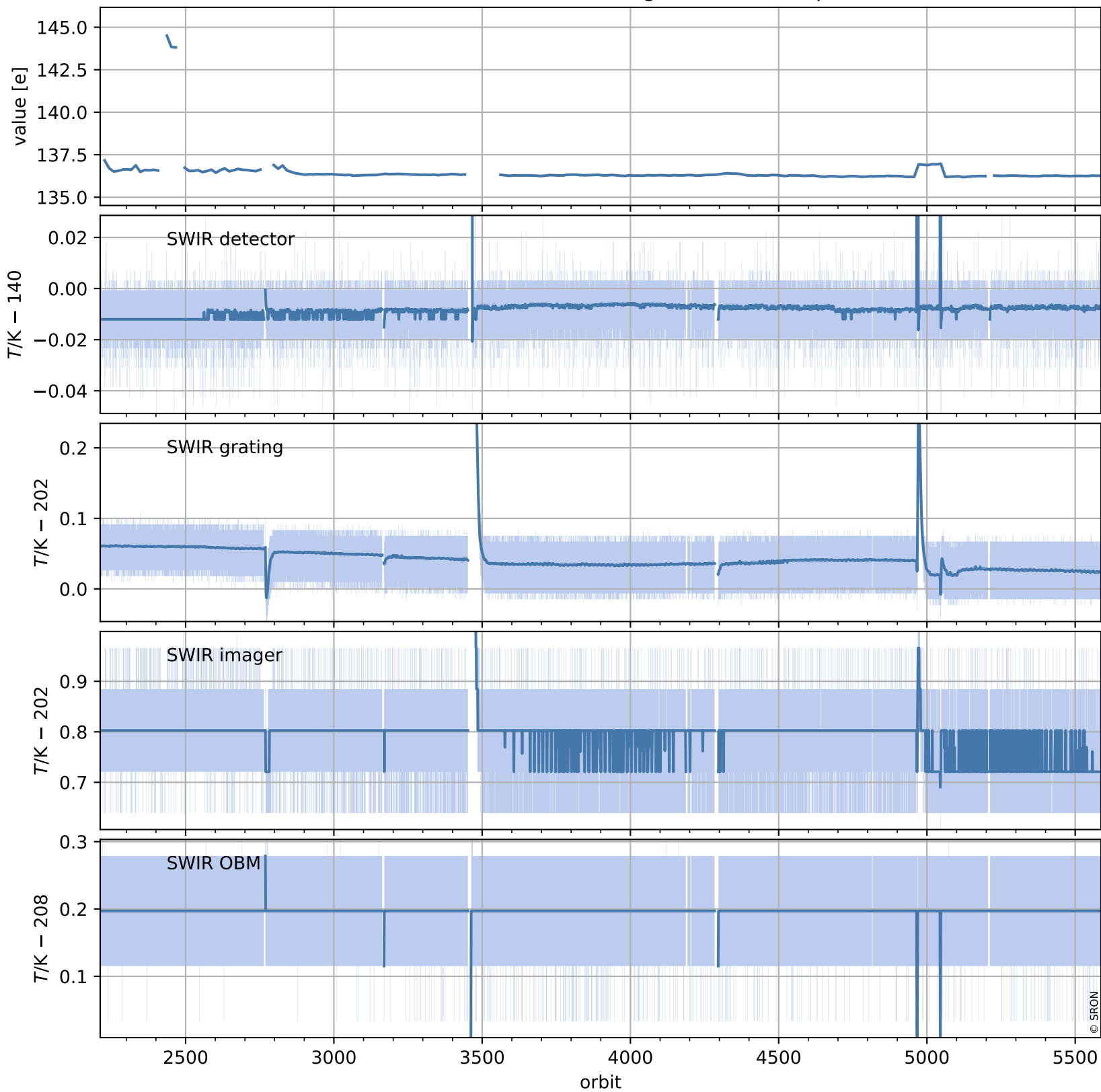
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5587]  
coverage : 2018-03-18 / 2018-11-10  
created : 2023-08-21T14:36:25

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5587]  
coverage : 2018-03-18 / 2018-11-10  
created : 2023-08-21T14:36:26

## trend of normalized read-noise & temperatures

