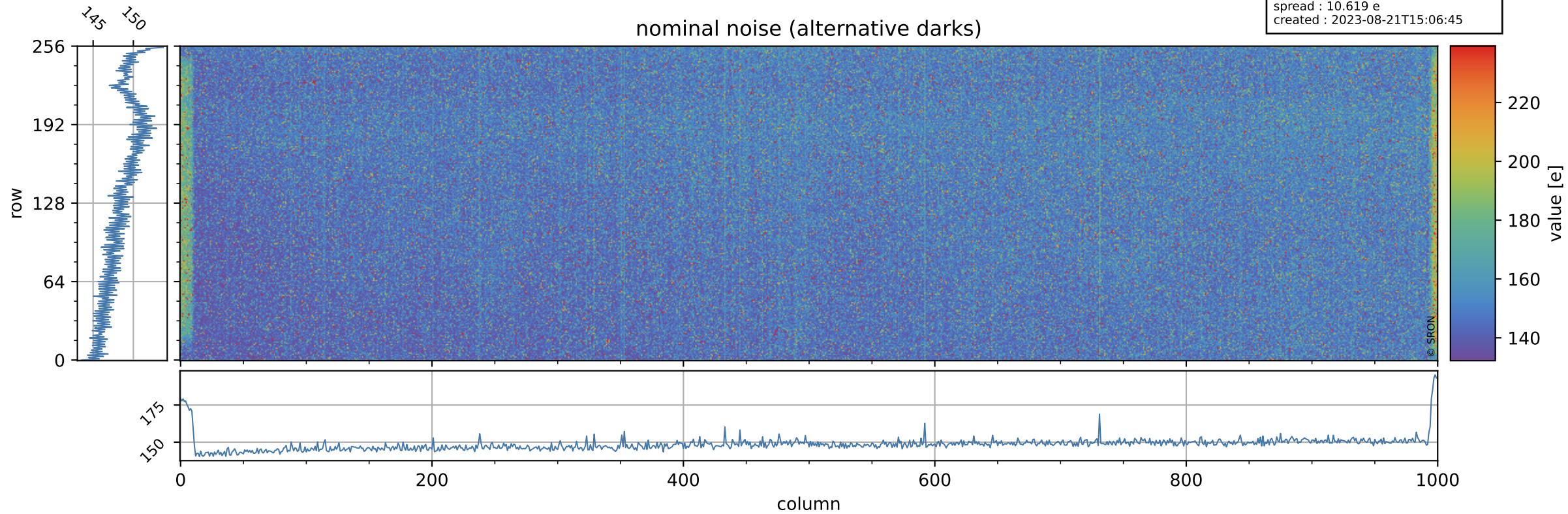


# Tropomi SWIR background noise (swir)

orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.43 e  
spread : 10.619 e  
created : 2023-08-21T15:06:45

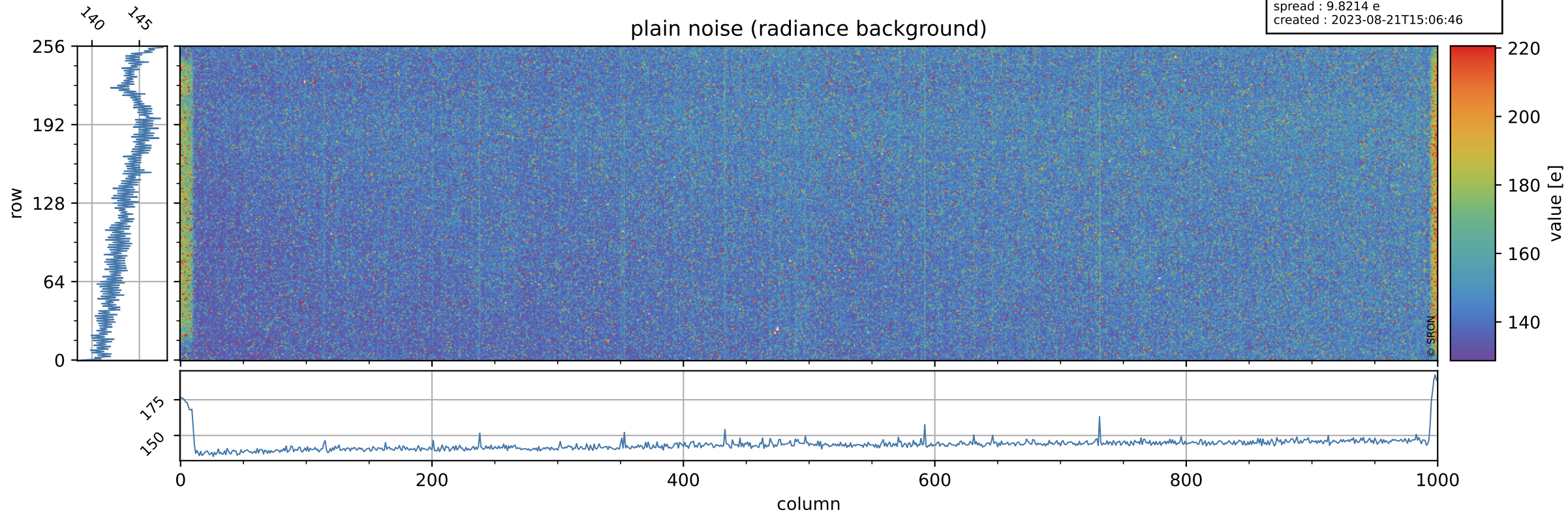
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.43 e  
spread : 9.8214 e  
created : 2023-08-21T15:06:46

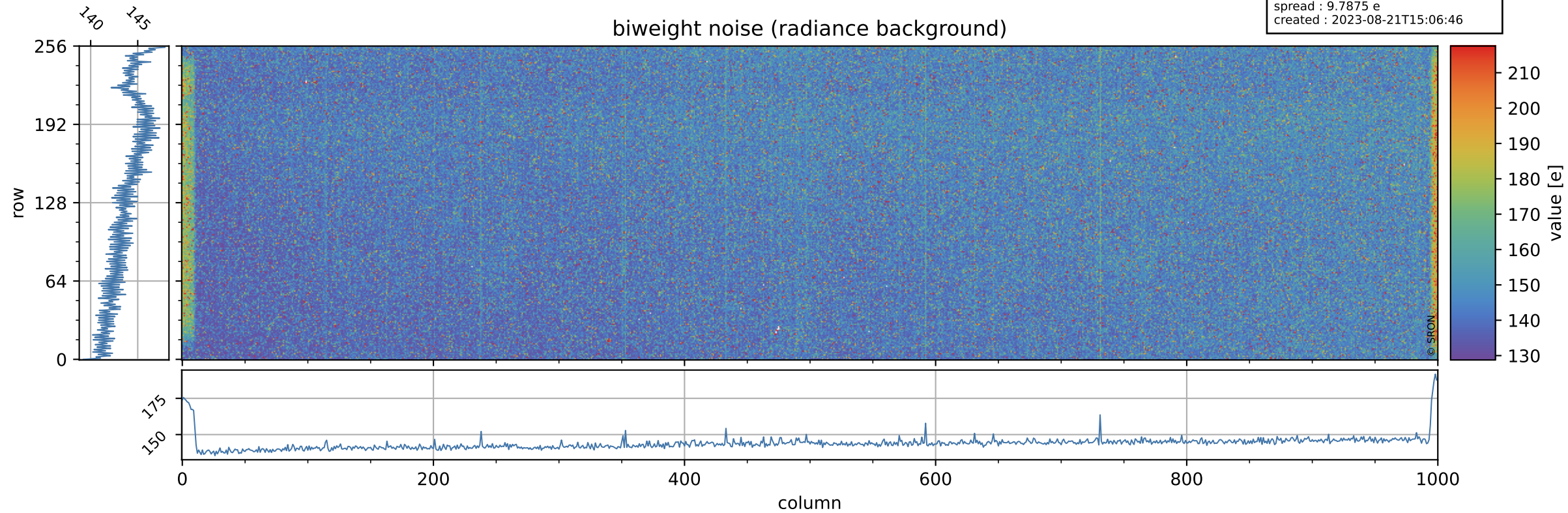
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.67 e  
spread : 9.7875 e  
created : 2023-08-21T15:06:46

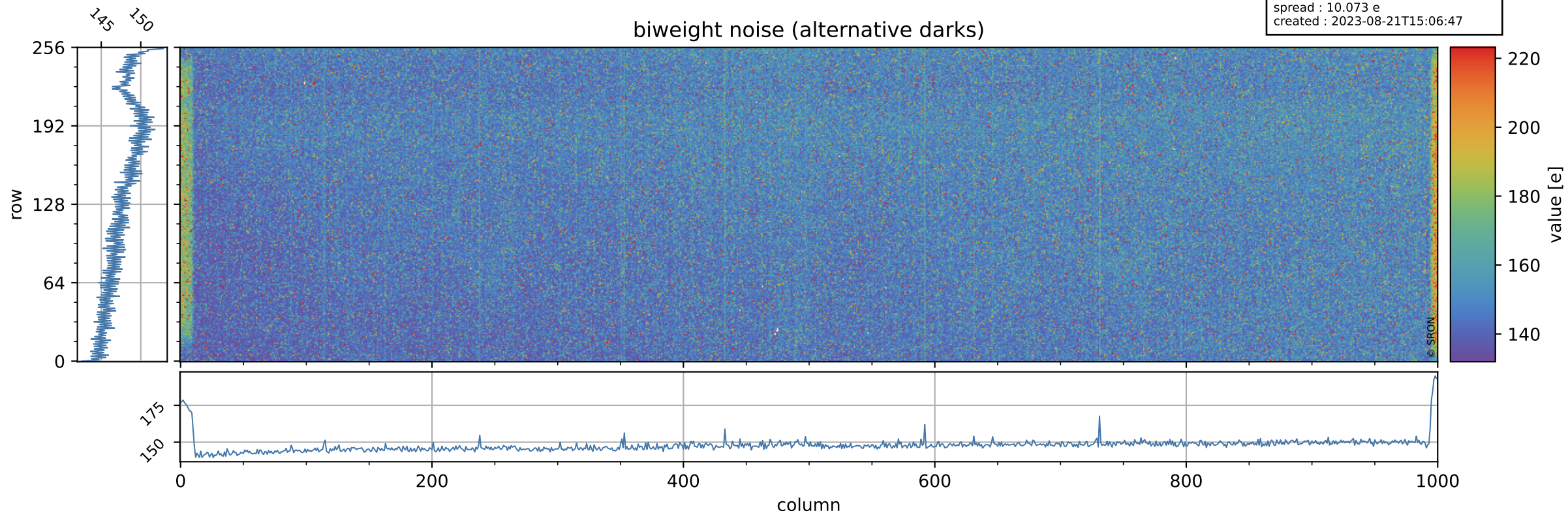
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.59 e  
spread : 10.073 e  
created : 2023-08-21T15:06:47

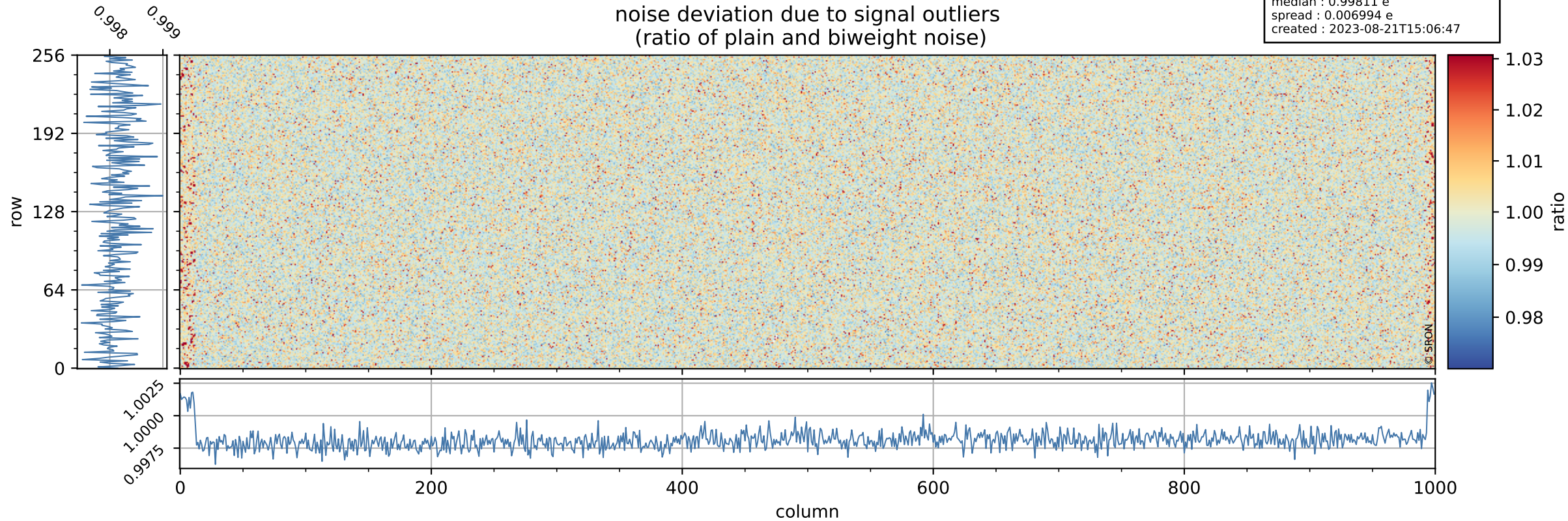
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

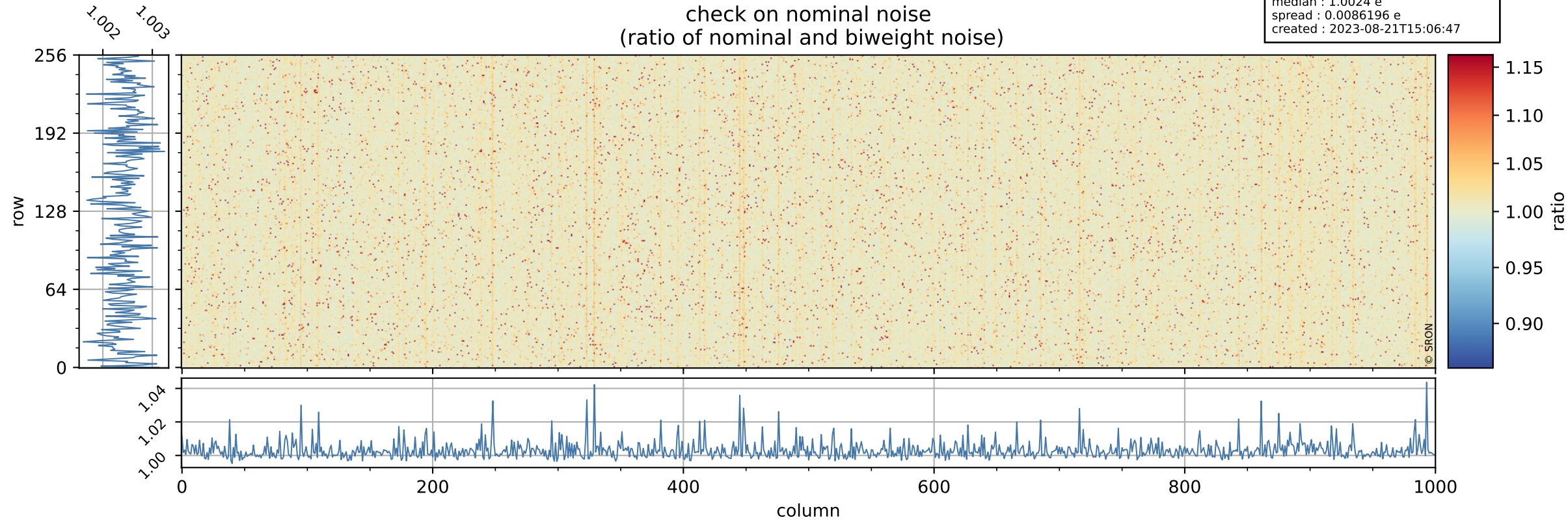
orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
median : 0.99811 e  
spread : 0.006994 e  
created : 2023-08-21T15:06:47



# Tropomi SWIR background noise (swir)

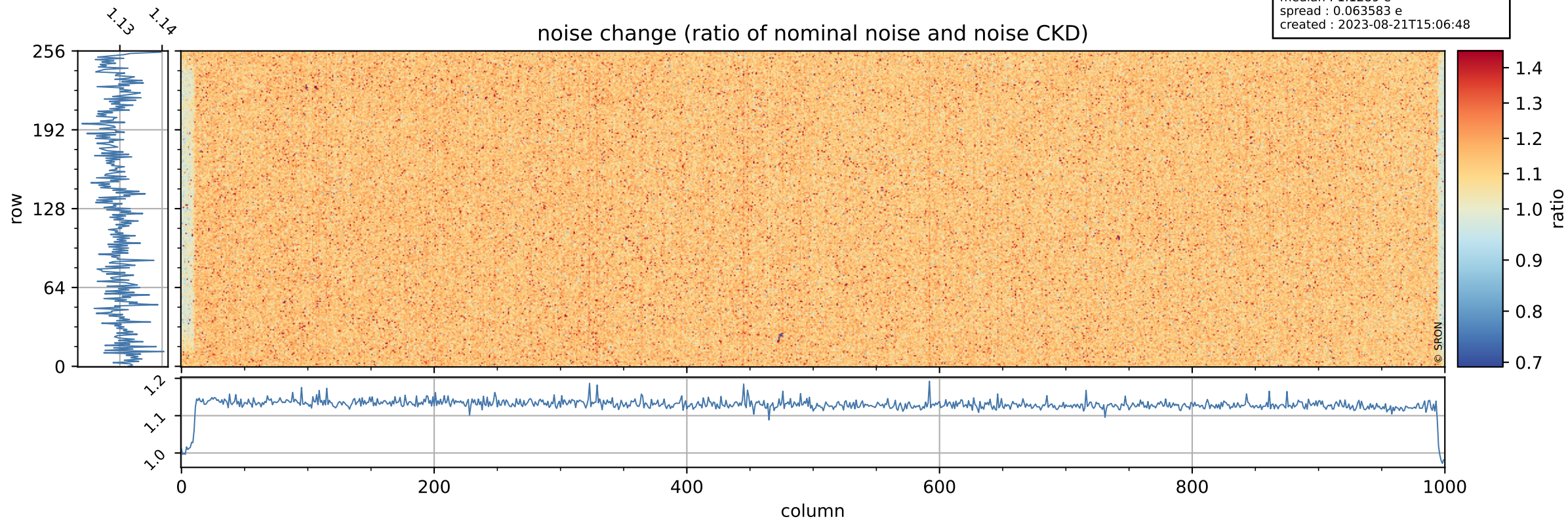
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
median : 1.0024 e  
spread : 0.0086196 e  
created : 2023-08-21T15:06:47



# Tropomi SWIR background noise (swir)

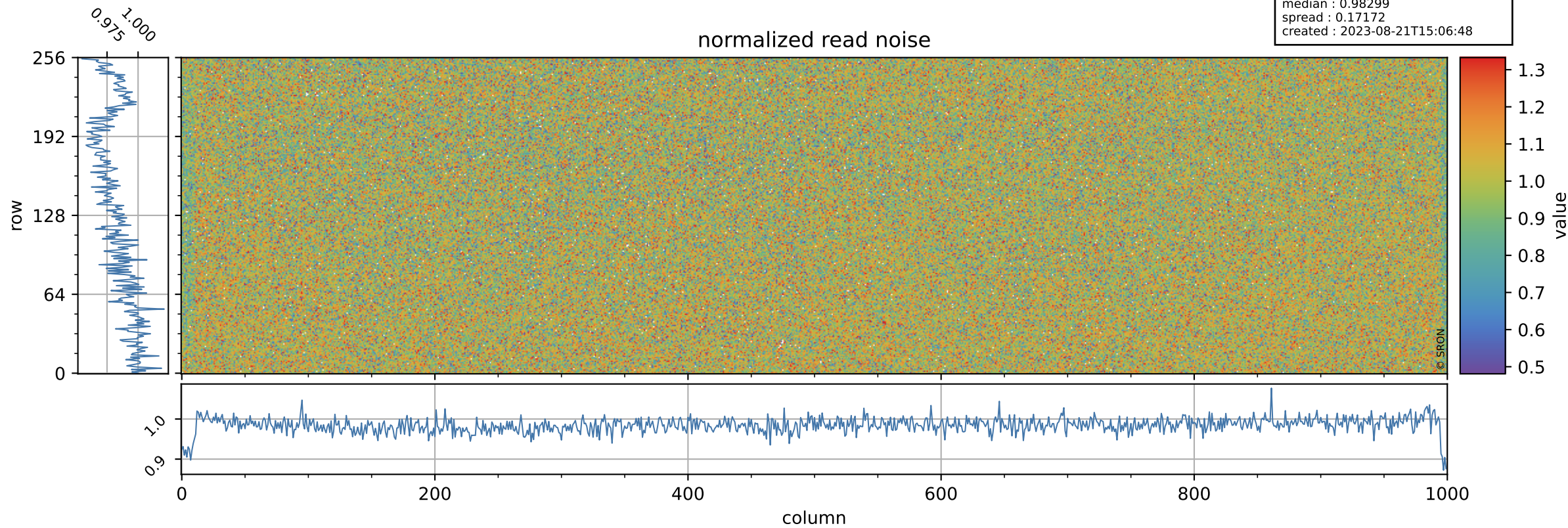
orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
median : 1.1289 e  
spread : 0.063583 e  
created : 2023-08-21T15:06:48



# Tropomi SWIR background noise (swir)

orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
median : 0.98299  
spread : 0.17172  
created : 2023-08-21T15:06:48

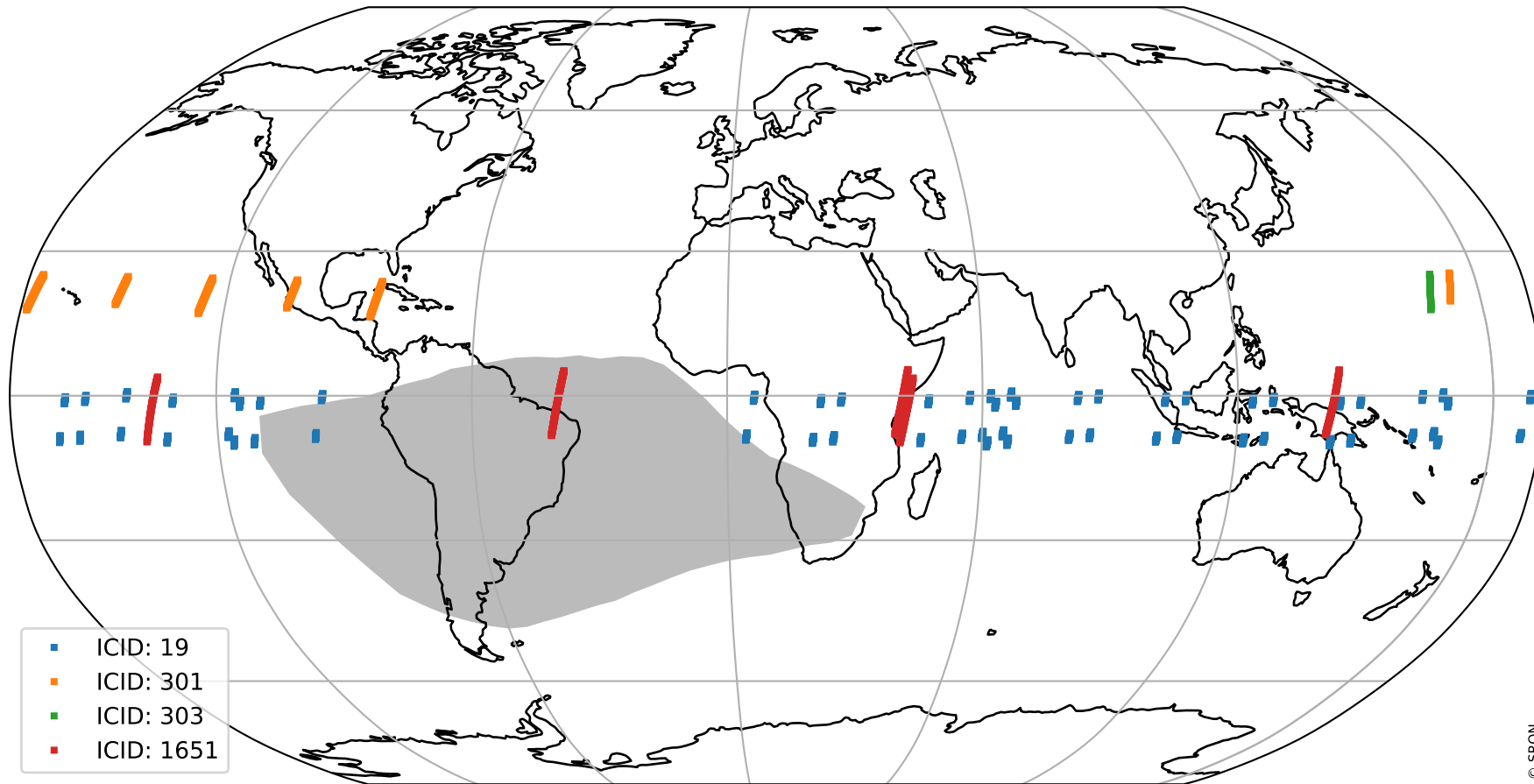
normalized read noise





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

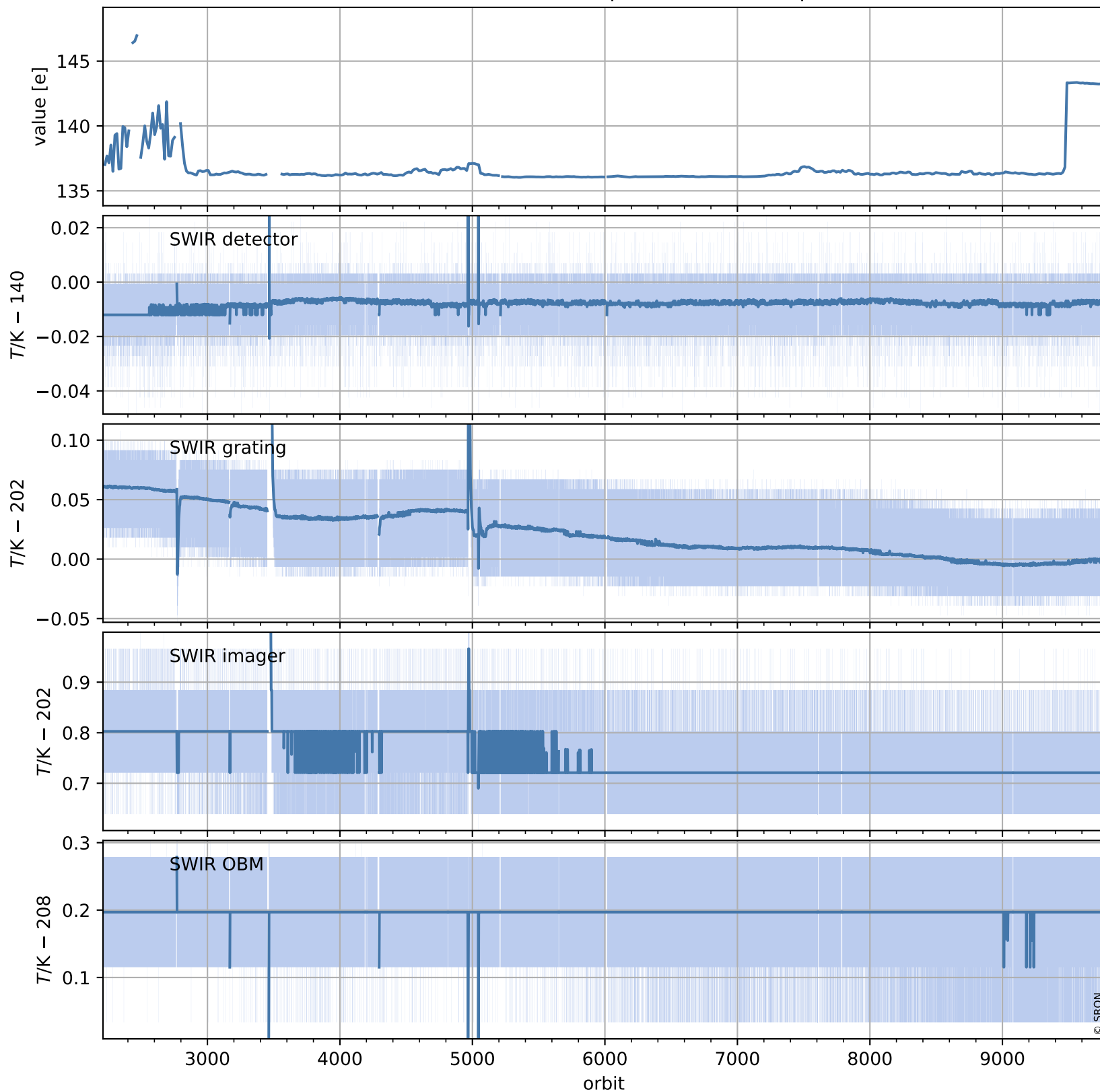
orbits : 12 in [9682, 9772]  
coverage : 2019-08-27 / 2019-09-01  
created : 2023-08-21T15:06:49



# Tropomi SWIR background noise (swir)

orbits : [2212, 9772]  
coverage : 2018-03-18 / 2019-09-01  
created : 2023-08-21T15:06:49

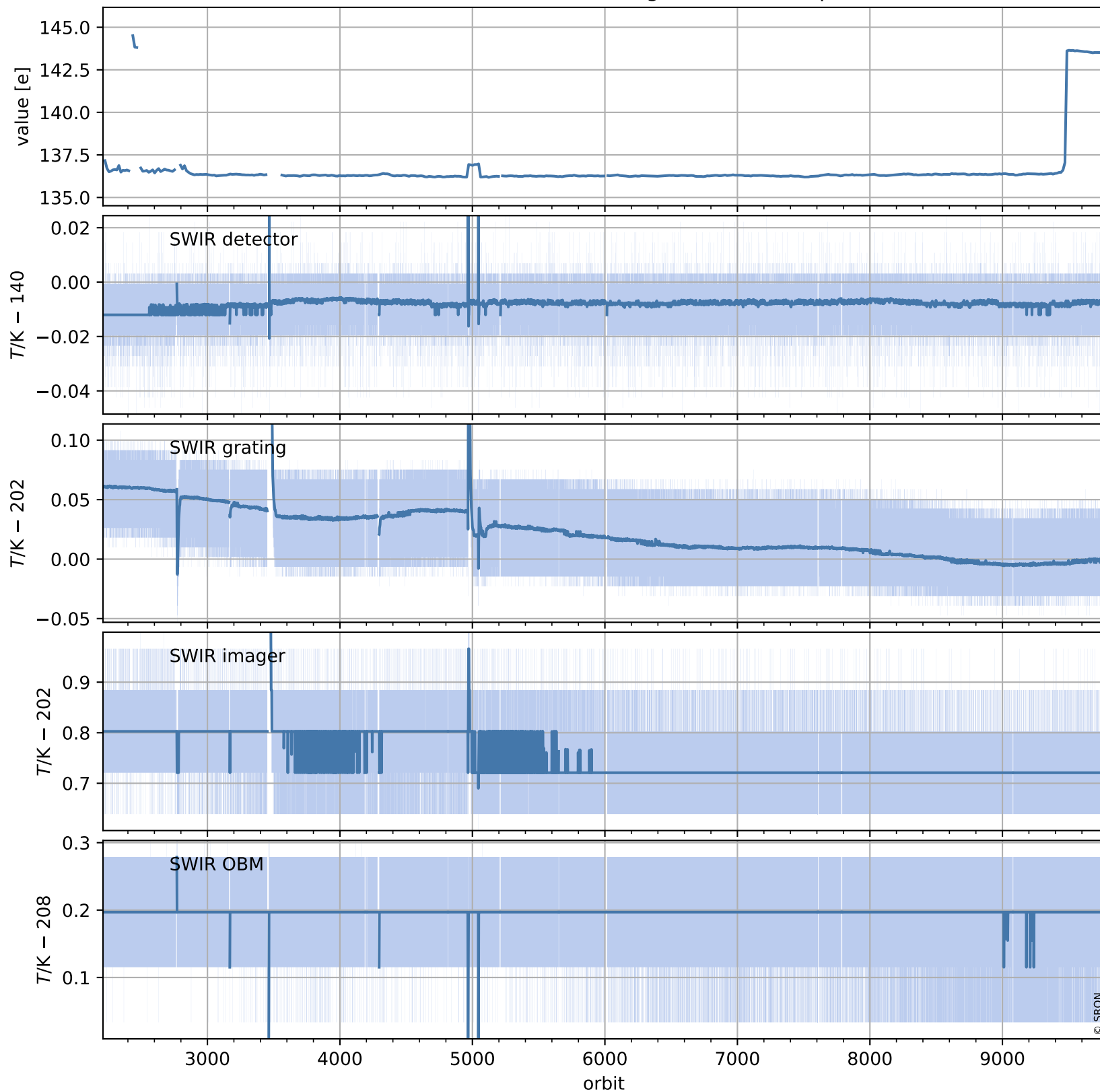
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9772]  
coverage : 2018-03-18 / 2019-09-01  
created : 2023-08-21T15:06:50

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9772]  
coverage : 2018-03-18 / 2019-09-01  
created : 2023-08-21T15:06:51

## trend of normalized read-noise & temperatures

