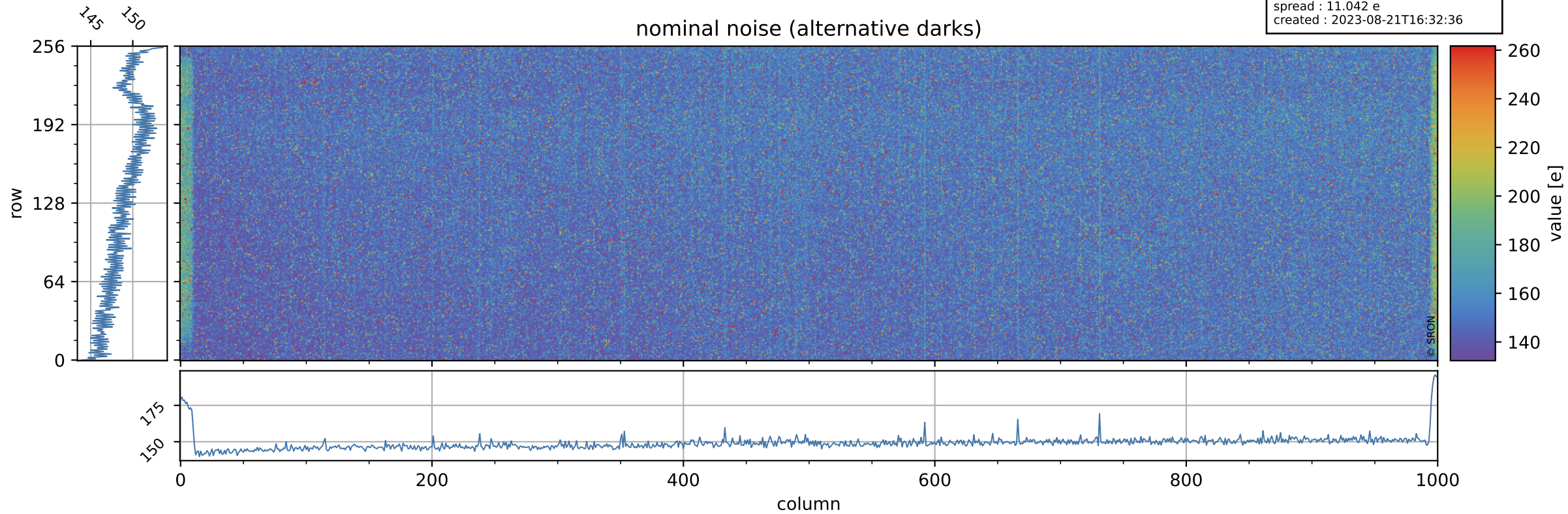


Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 11.042 e
created : 2023-08-21T16:32:36

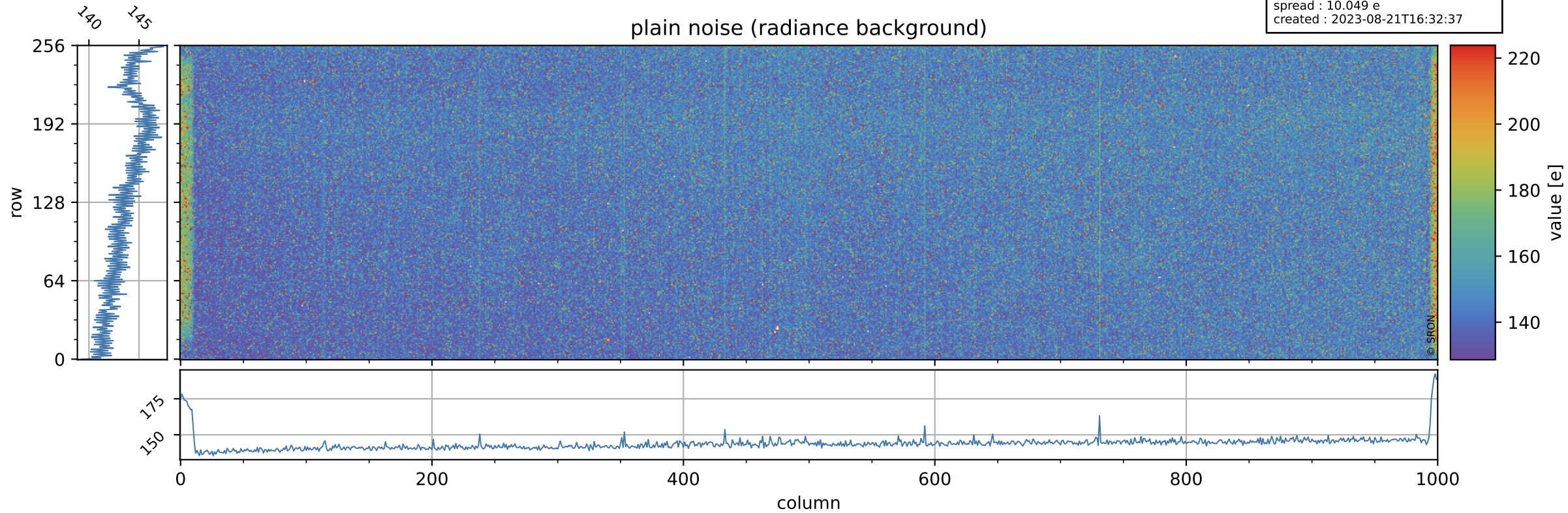
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 10.049 e
created : 2023-08-21T16:32:37

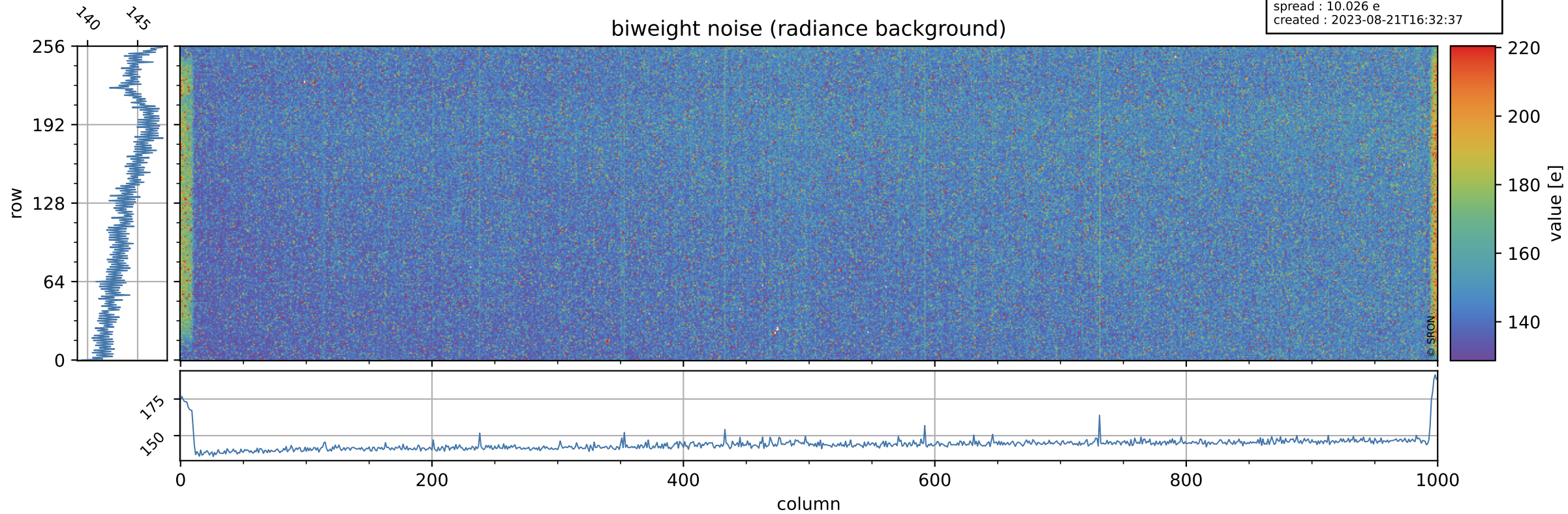
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 10.026 e
created : 2023-08-21T16:32:37

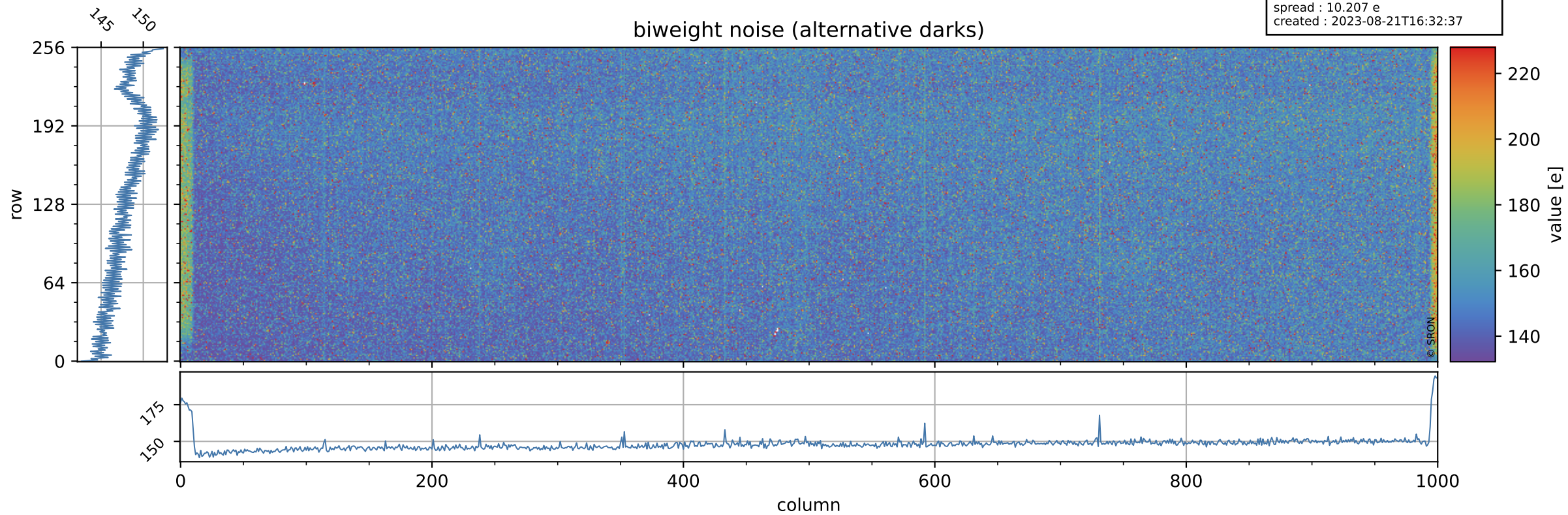
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.207 e
created : 2023-08-21T16:32:37

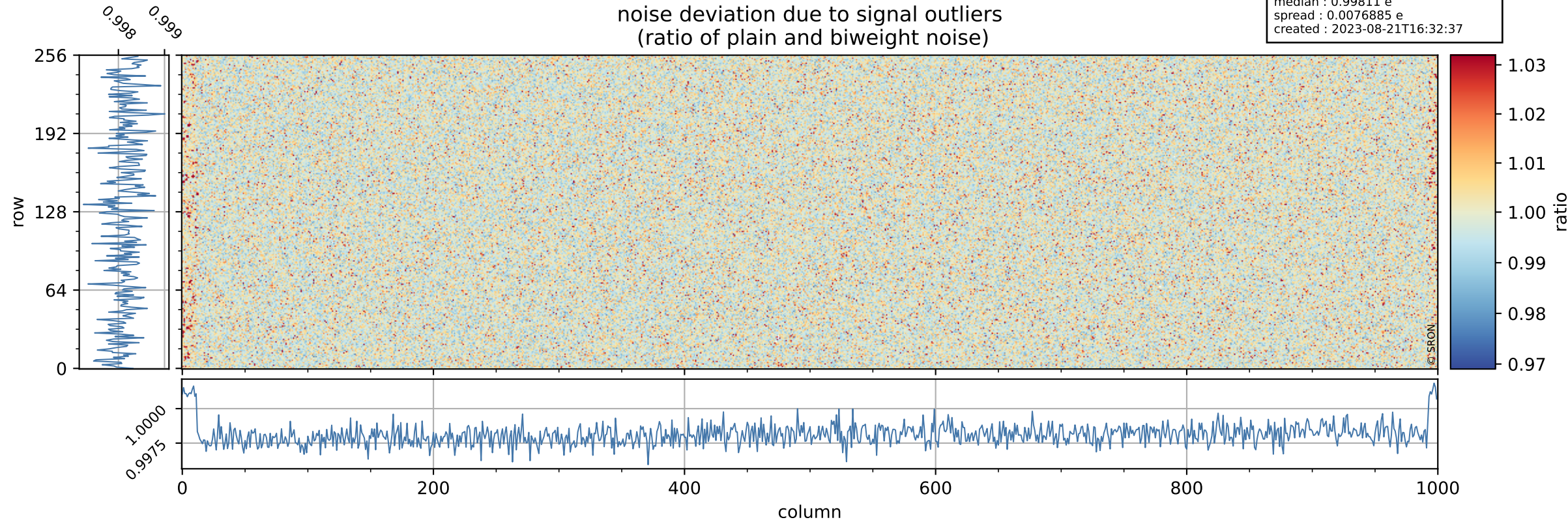
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

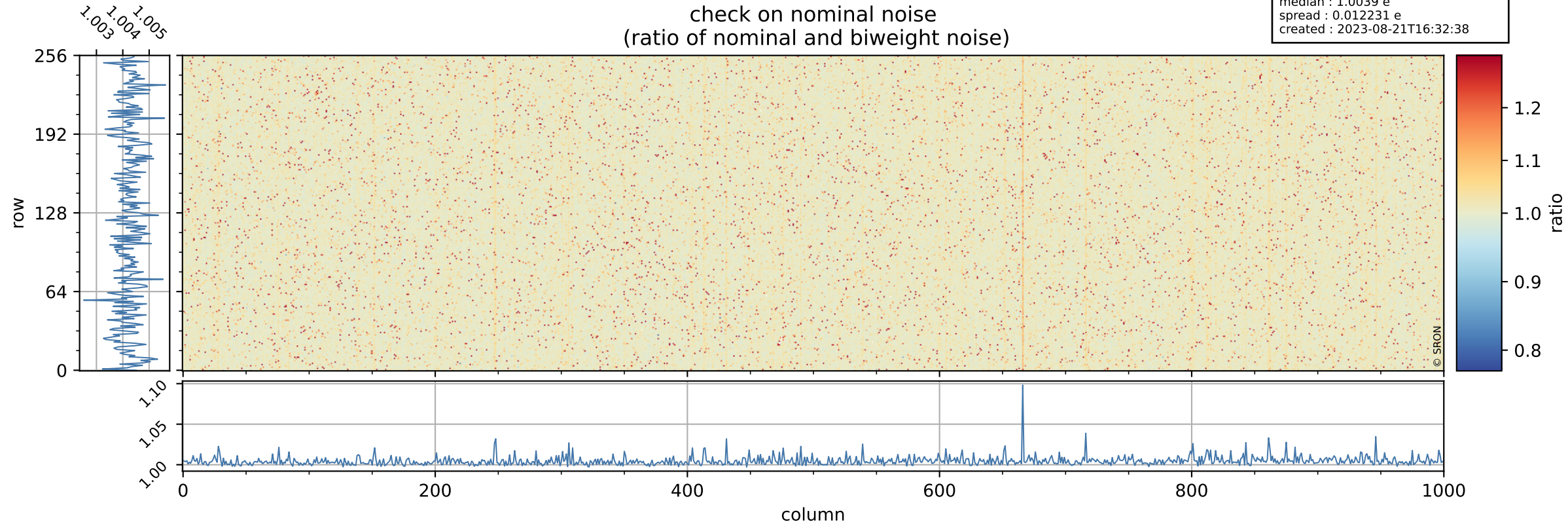
orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
median : 0.99811 e
spread : 0.0076885 e
created : 2023-08-21T16:32:37



Tropomi SWIR background noise (swir)

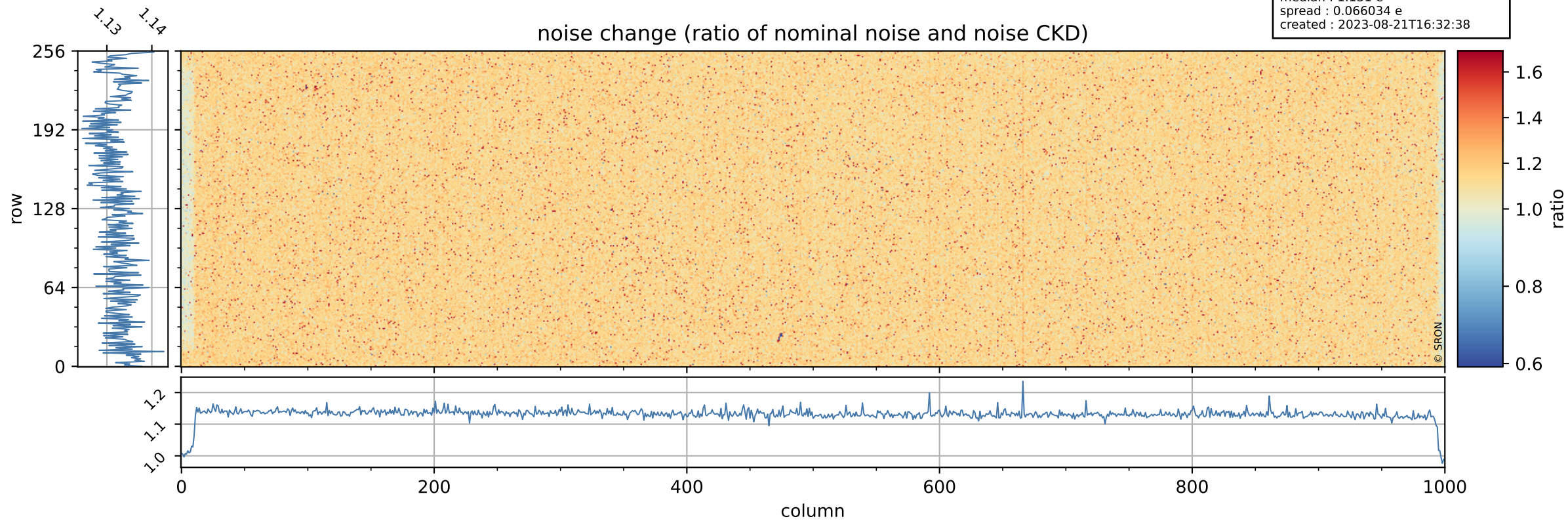
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
median : 1.0039 e
spread : 0.012231 e
created : 2023-08-21T16:32:38



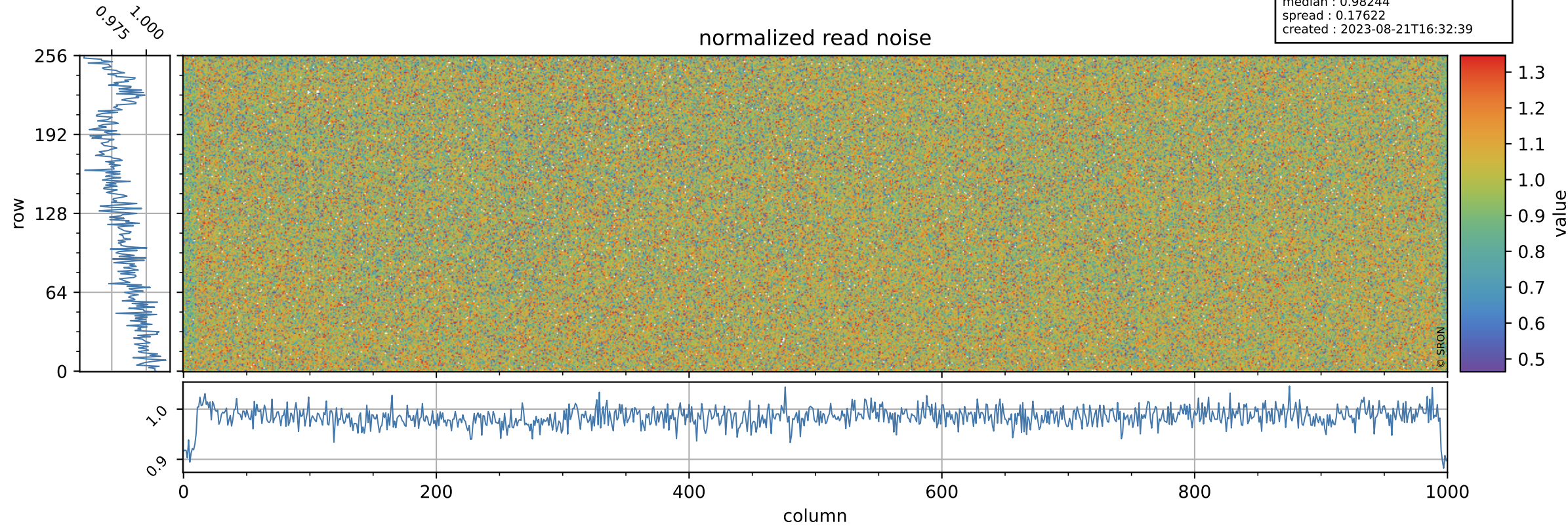
Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
median : 1.131 e
spread : 0.066034 e
created : 2023-08-21T16:32:38



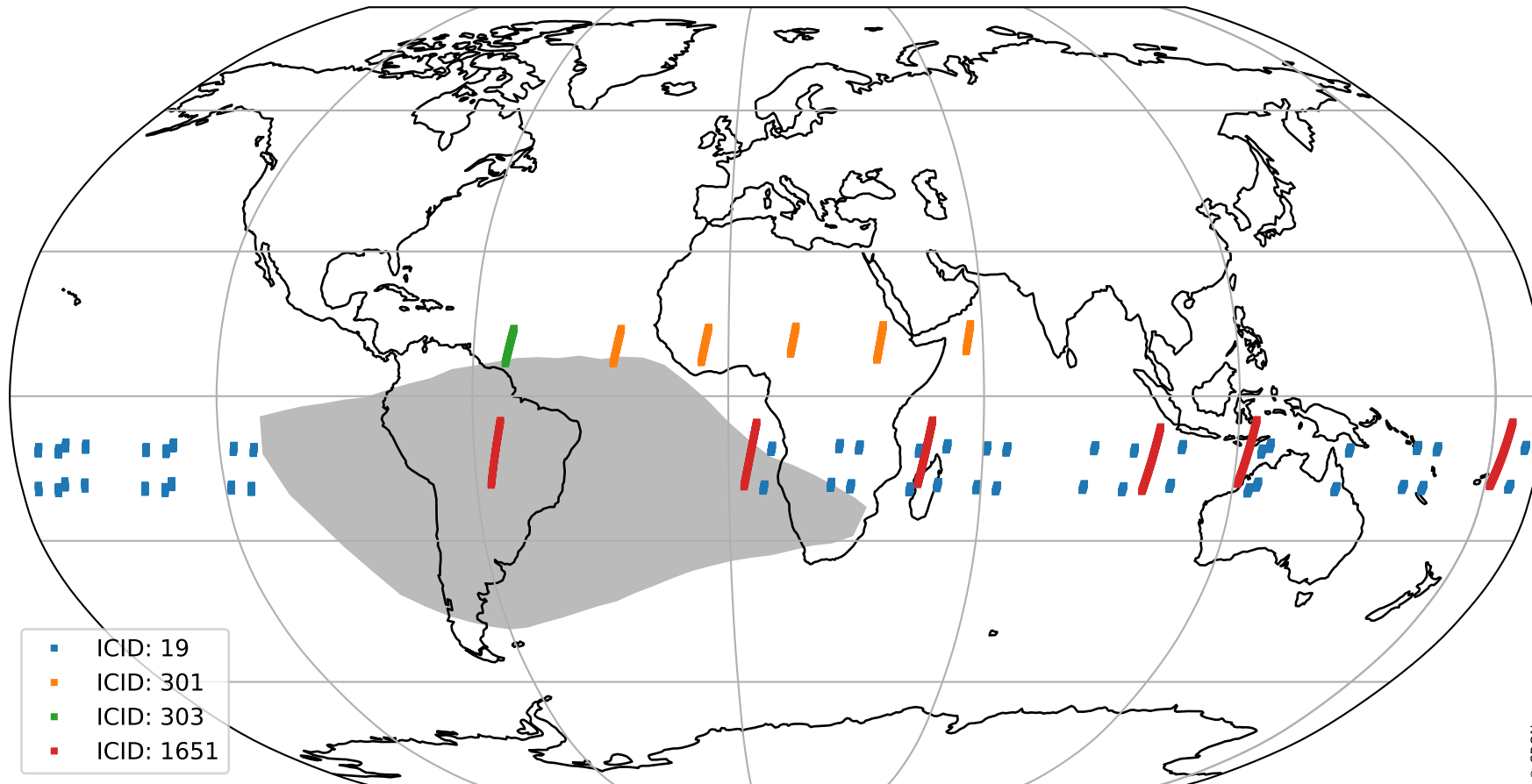
Tropomi SWIR background noise (swir)

orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
median : 0.98244
spread : 0.17622
created : 2023-08-21T16:32:39



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

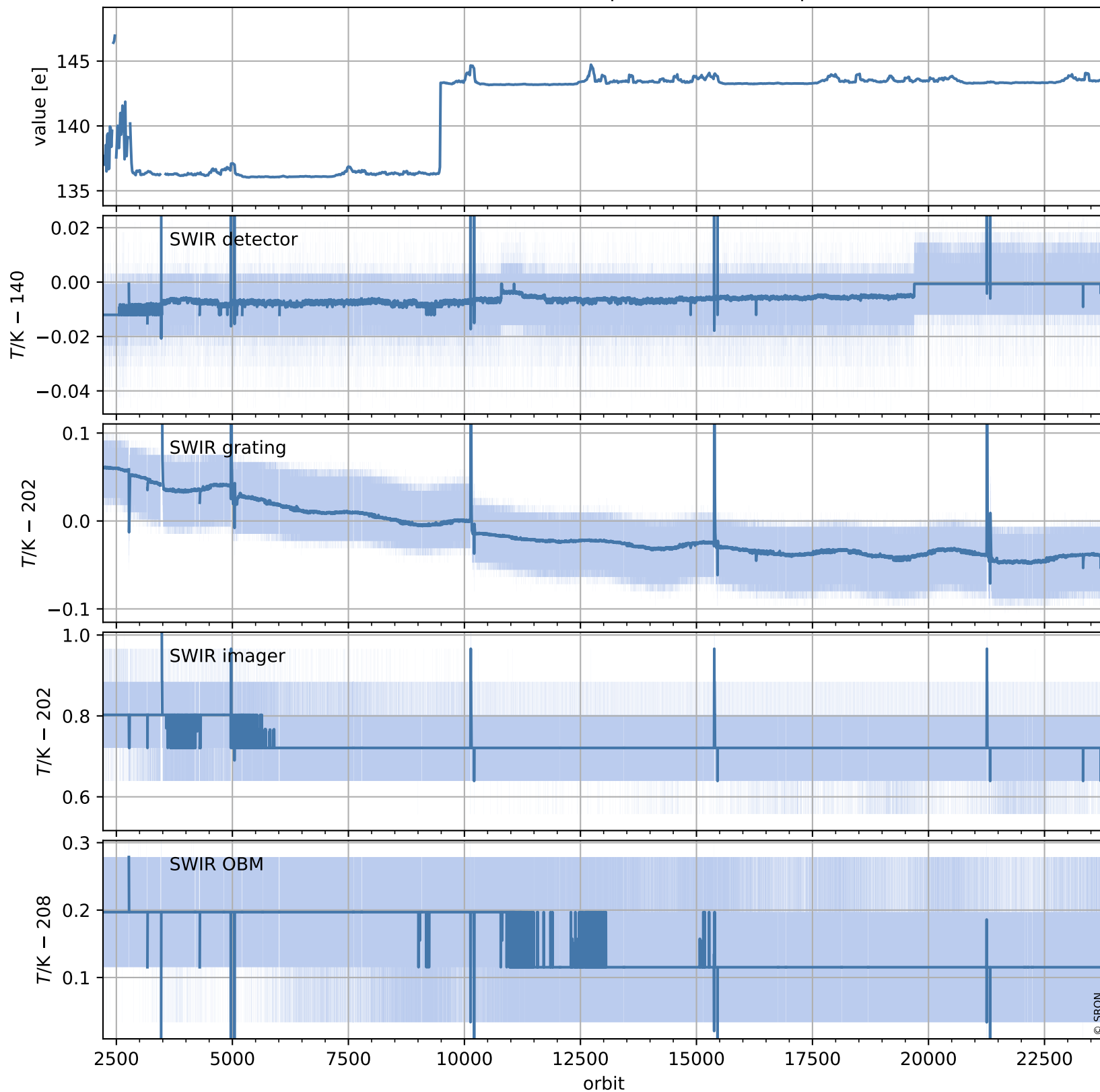
orbits : 12 in [23707, 23797]
coverage : 2022-05-11 / 2022-05-17
created : 2023-08-21T16:32:39



Tropomi SWIR background noise (swir)

orbits : [2212, 23797]
coverage : 2018-03-18 / 2022-05-17
created : 2023-08-21T16:32:39

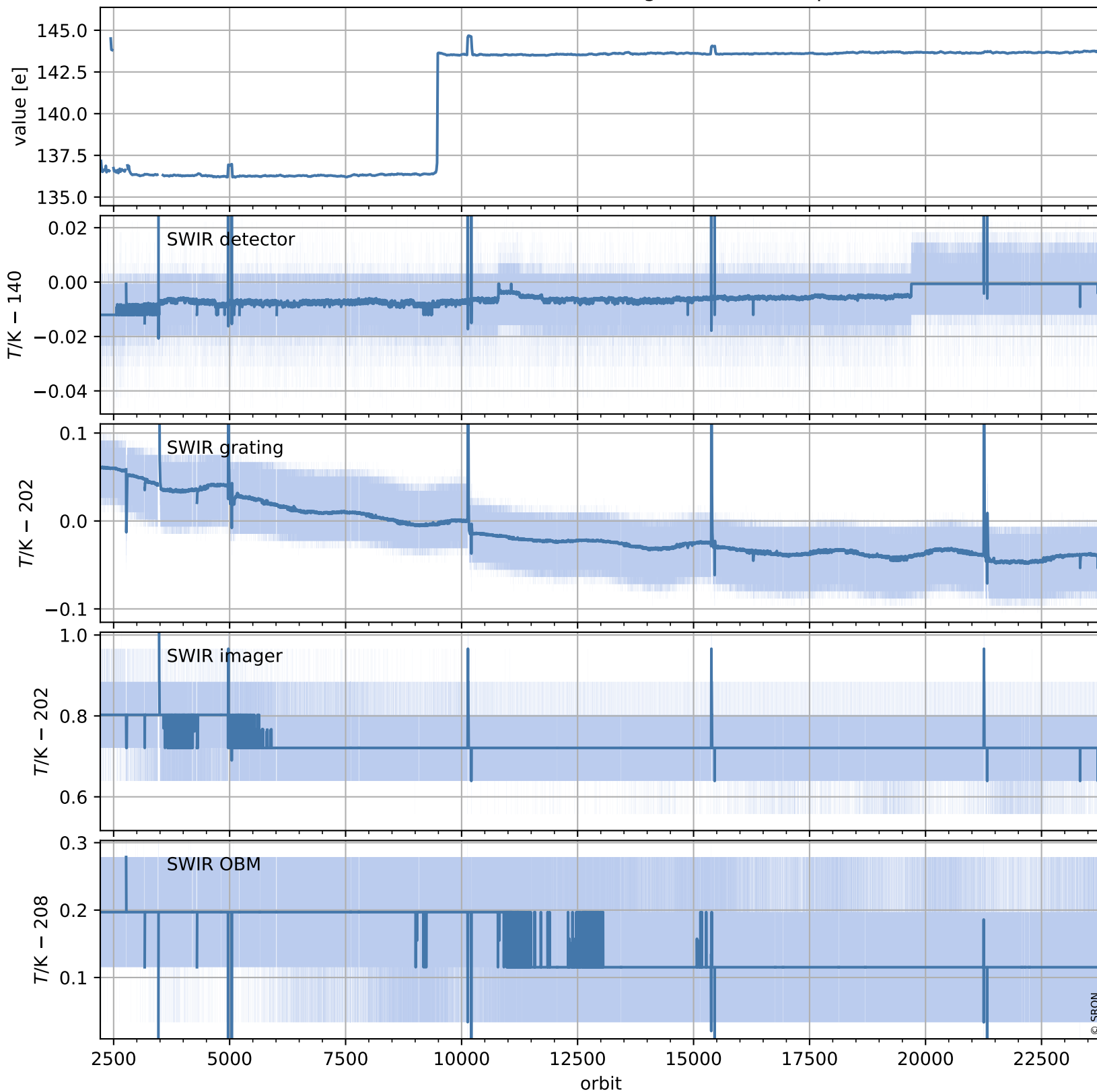
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23797]
coverage : 2018-03-18 / 2022-05-17
created : 2023-08-21T16:32:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23797]
coverage : 2018-03-18 / 2022-05-17
created : 2023-08-21T16:32:41

trend of normalized read-noise & temperatures

