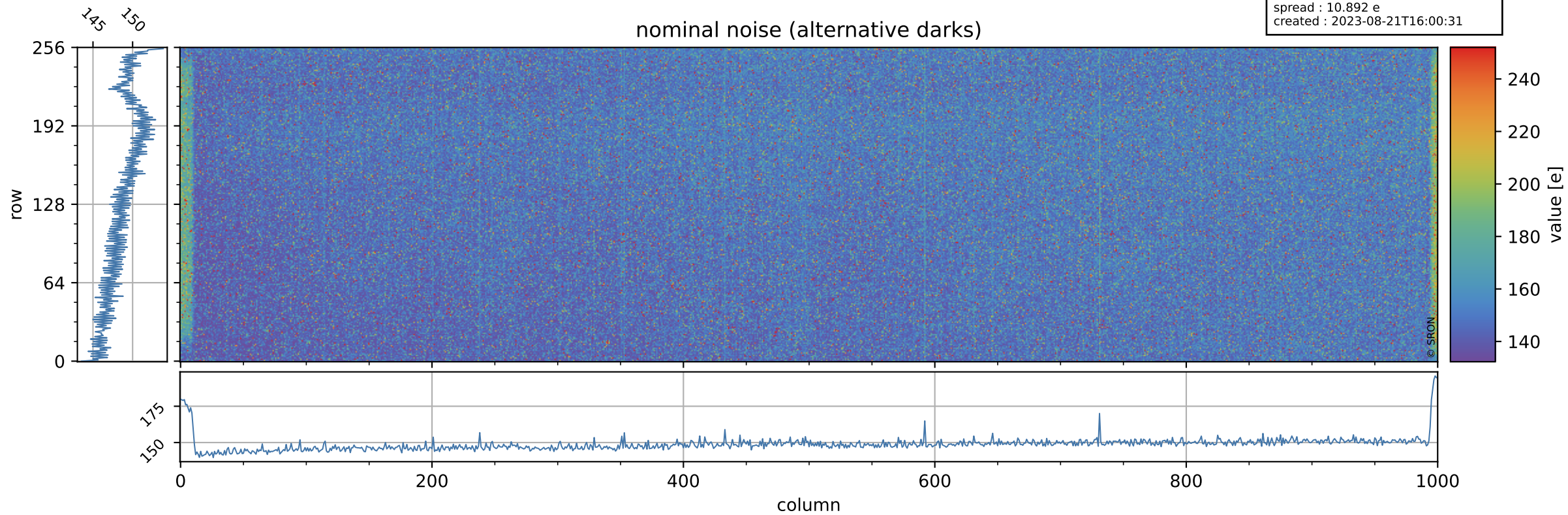


Tropomi SWIR background noise (swir)

orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.892 e
created : 2023-08-21T16:00:31

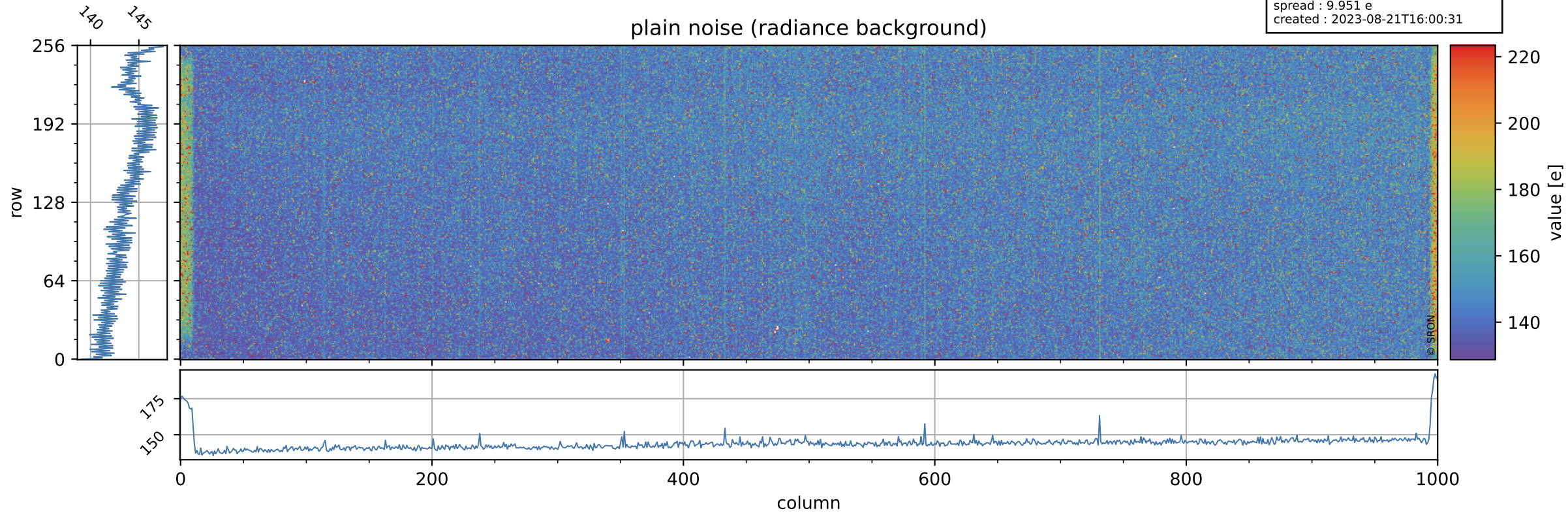
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.951 e
created : 2023-08-21T16:00:31

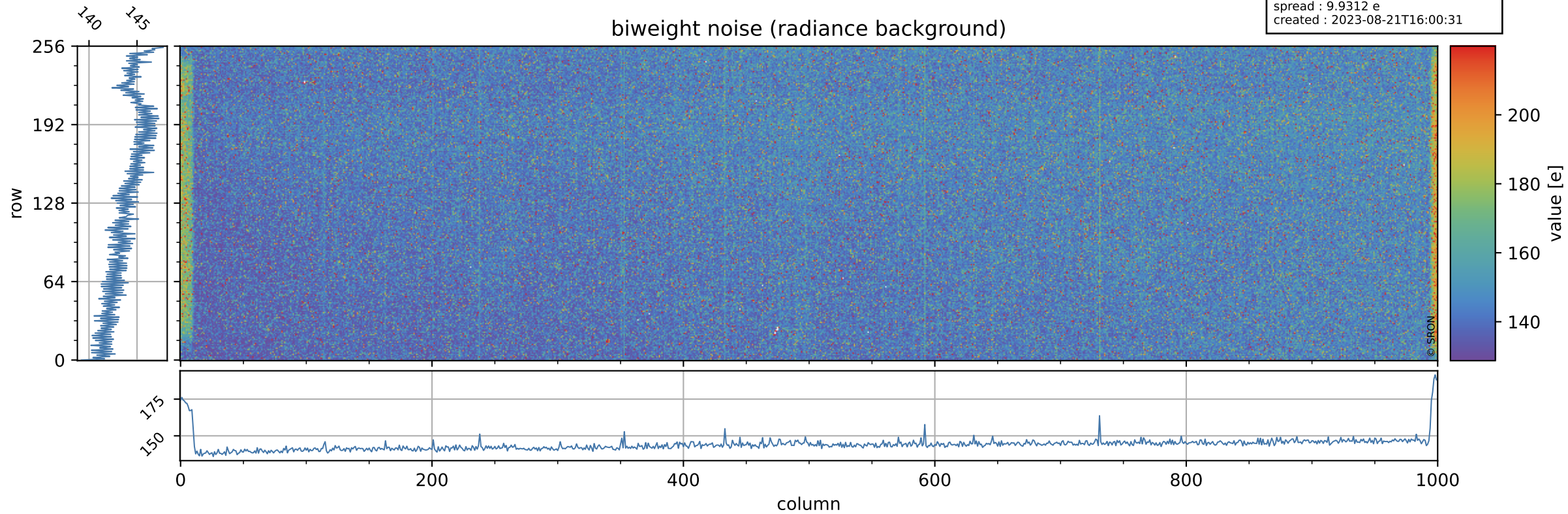
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9312 e
created : 2023-08-21T16:00:31

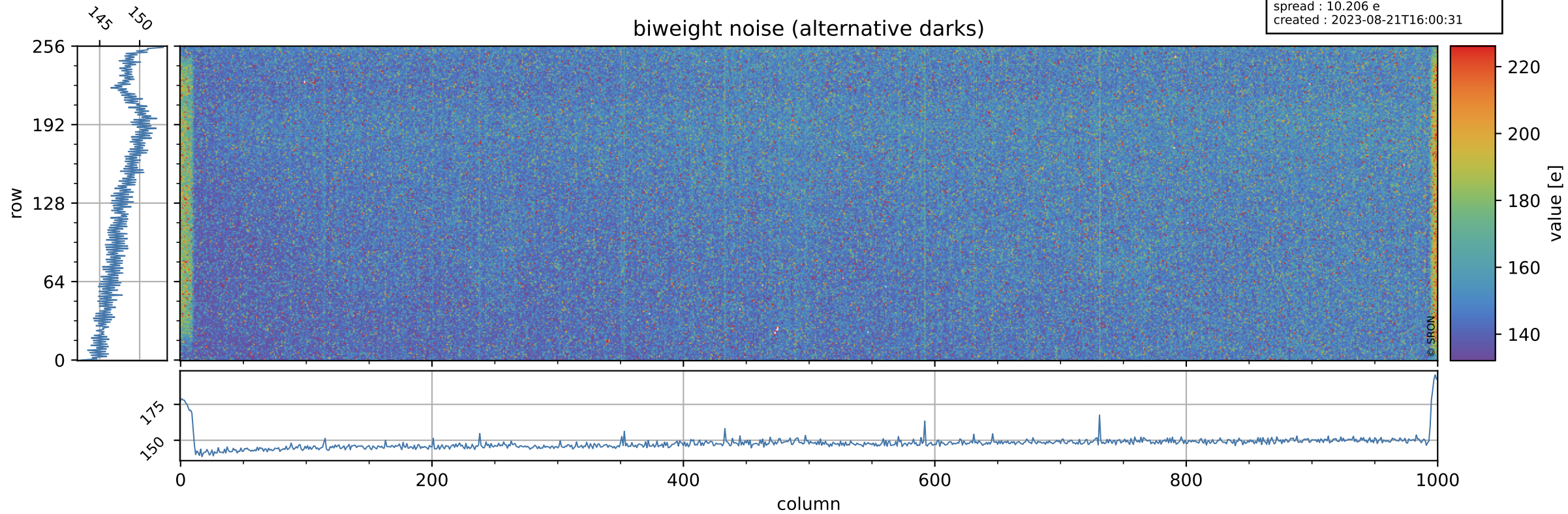
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.206 e
created : 2023-08-21T16:00:31

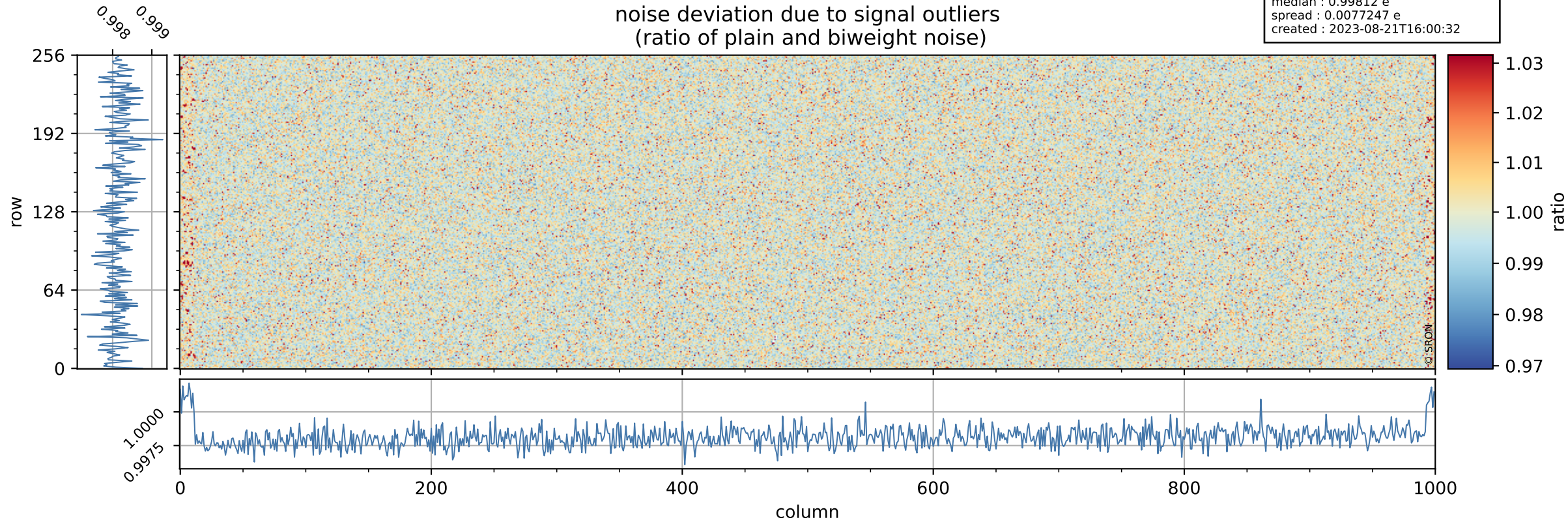
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

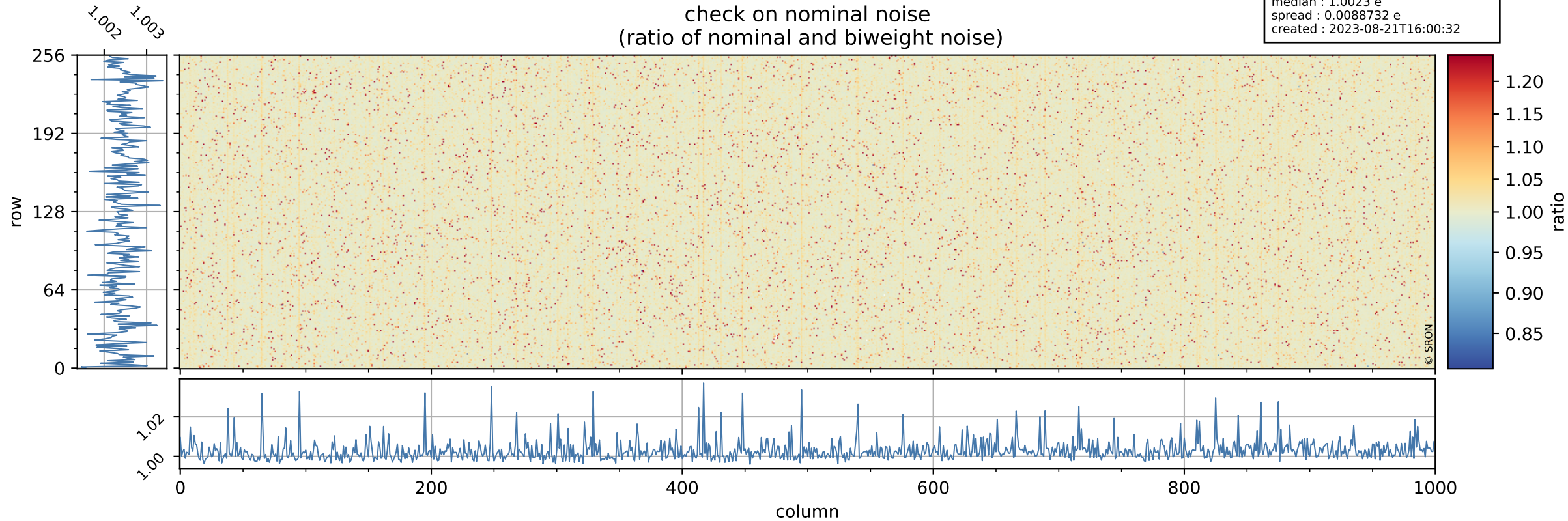
orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
median : 0.99812 e
spread : 0.0077247 e
created : 2023-08-21T16:00:32



Tropomi SWIR background noise (swir)

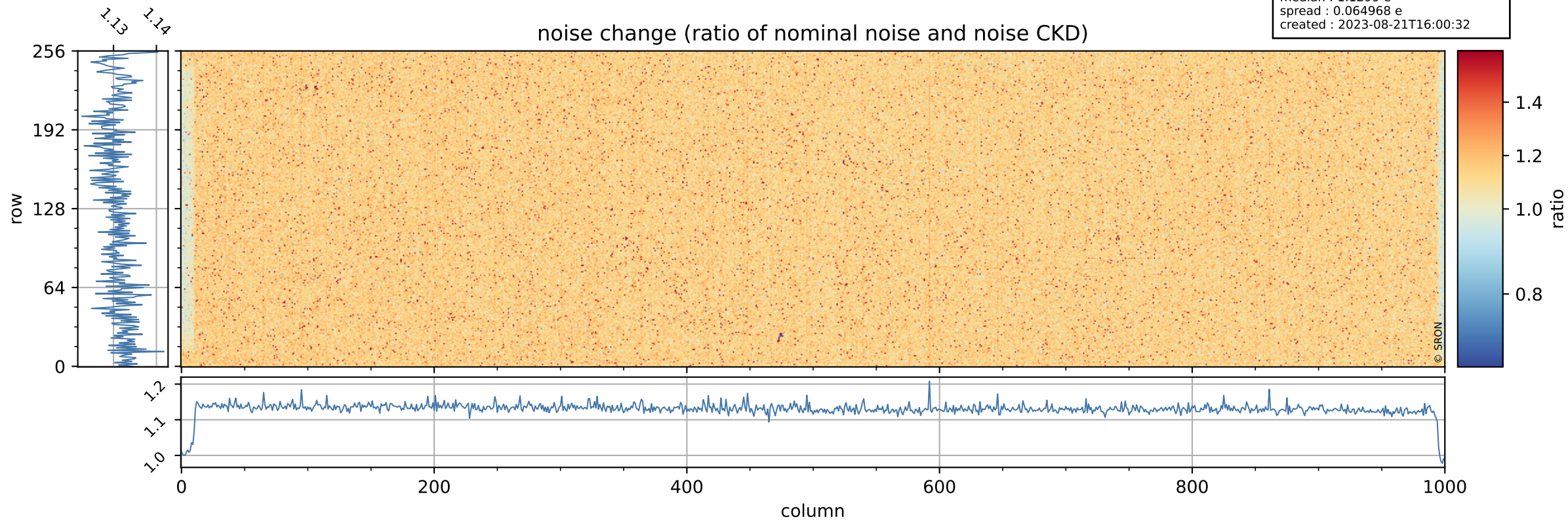
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
median : 1.0023 e
spread : 0.0088732 e
created : 2023-08-21T16:00:32



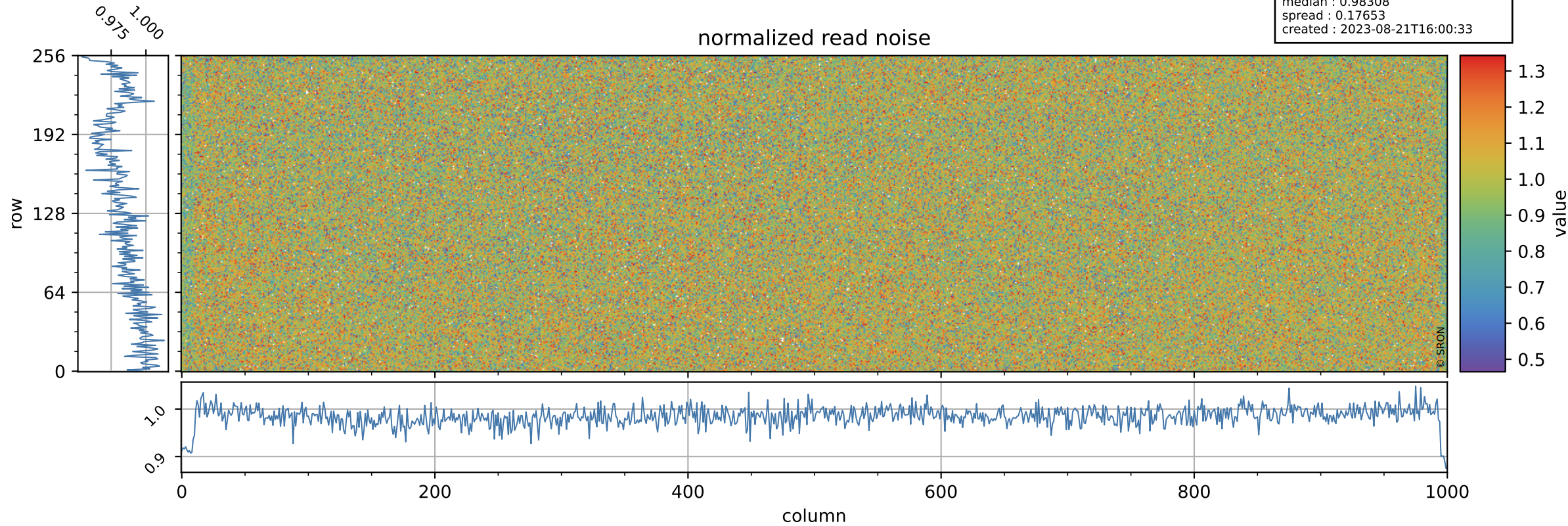
Tropomi SWIR background noise (swir)

orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
median : 1.1299 e
spread : 0.064968 e
created : 2023-08-21T16:00:32



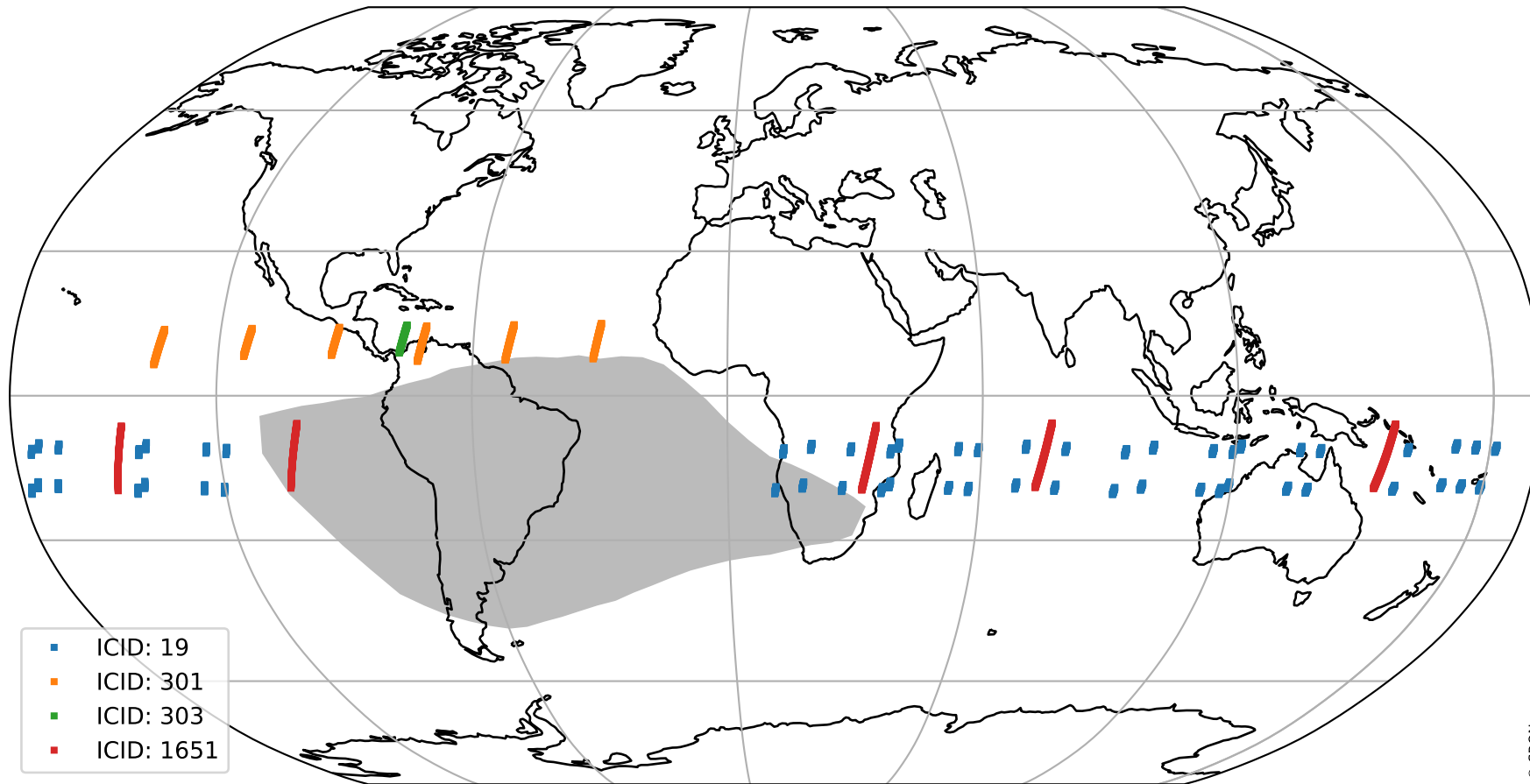
Tropomi SWIR background noise (swir)

orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
median : 0.98308
spread : 0.17653
created : 2023-08-21T16:00:33



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

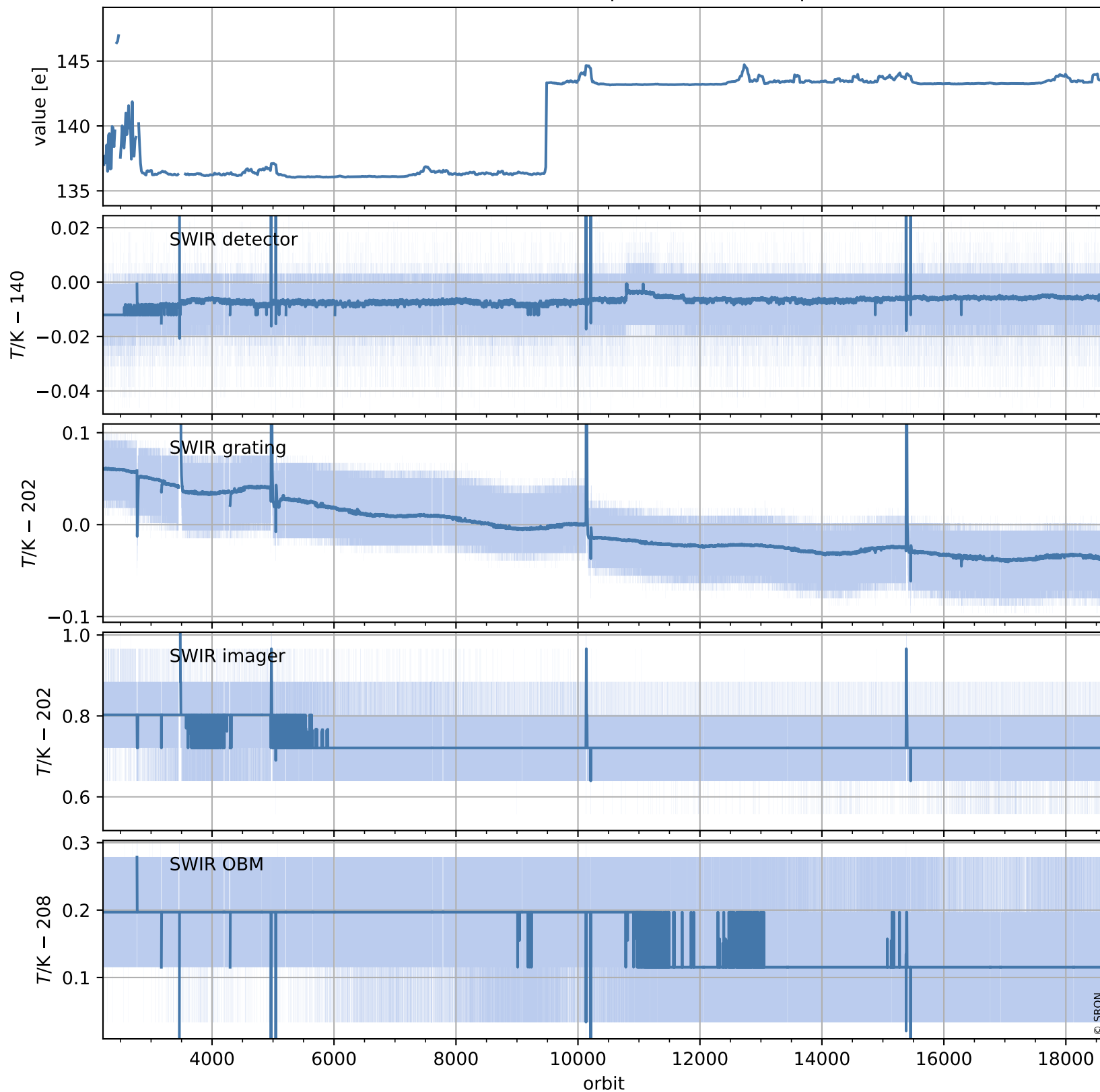
orbits : 12 in [18562, 18637]
coverage : 2021-05-13 / 2021-05-18
created : 2023-08-21T16:00:33



Tropomi SWIR background noise (swir)

orbits : [2212, 18637]
coverage : 2018-03-18 / 2021-05-18
created : 2023-08-21T16:00:33

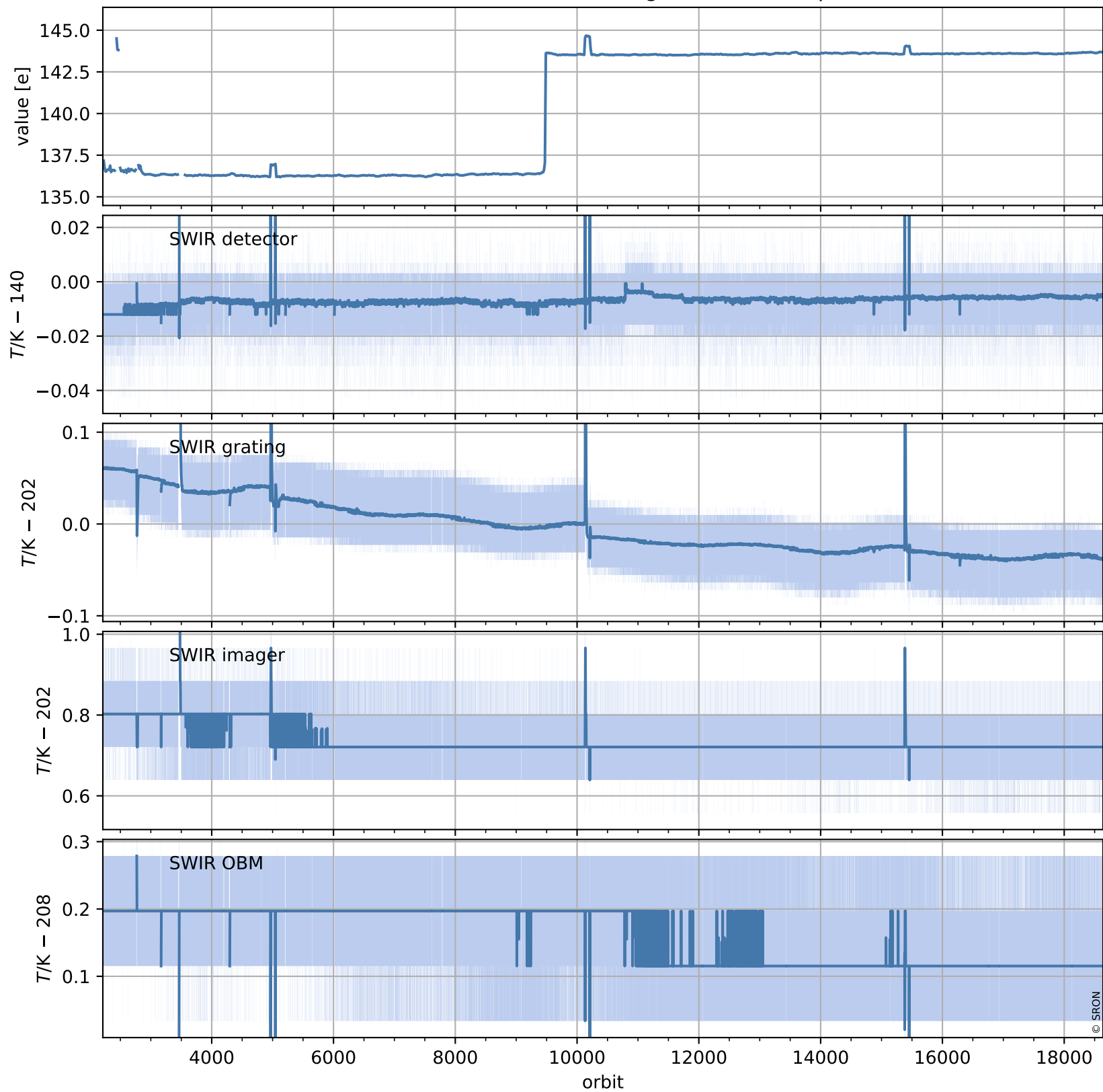
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18637]
coverage : 2018-03-18 / 2021-05-18
created : 2023-08-21T16:00:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18637]
coverage : 2018-03-18 / 2021-05-18
created : 2023-08-21T16:00:35

trend of normalized read-noise & temperatures

