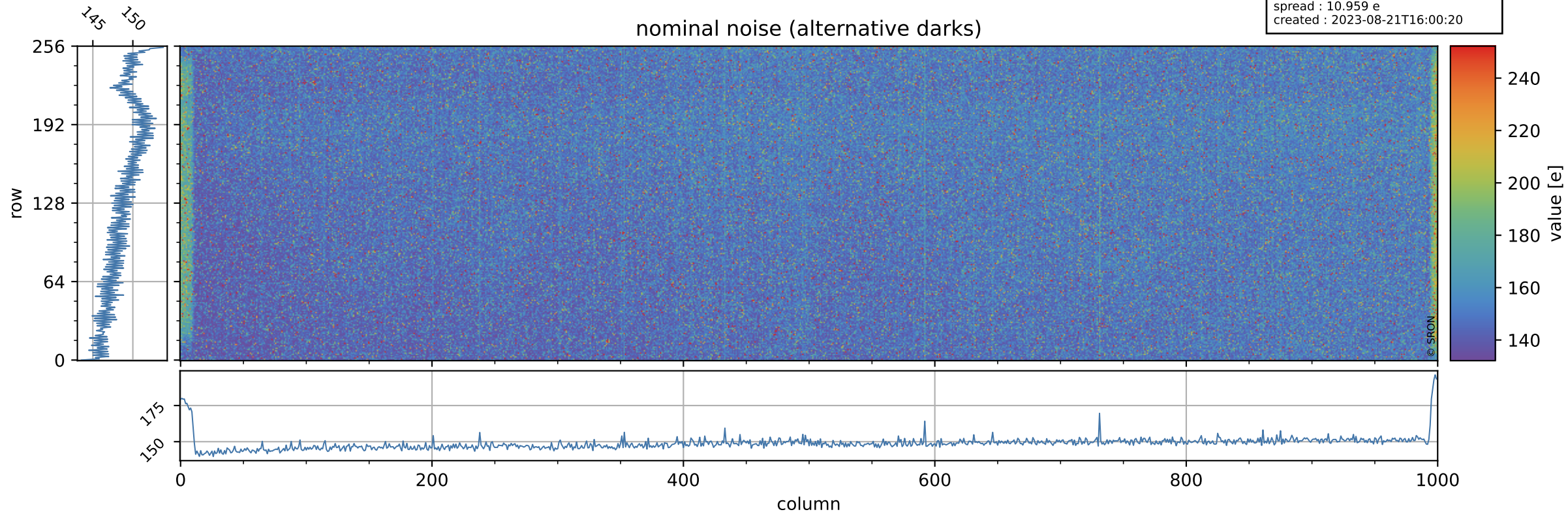


Tropomi SWIR background noise (swir)

orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.959 e
created : 2023-08-21T16:00:20

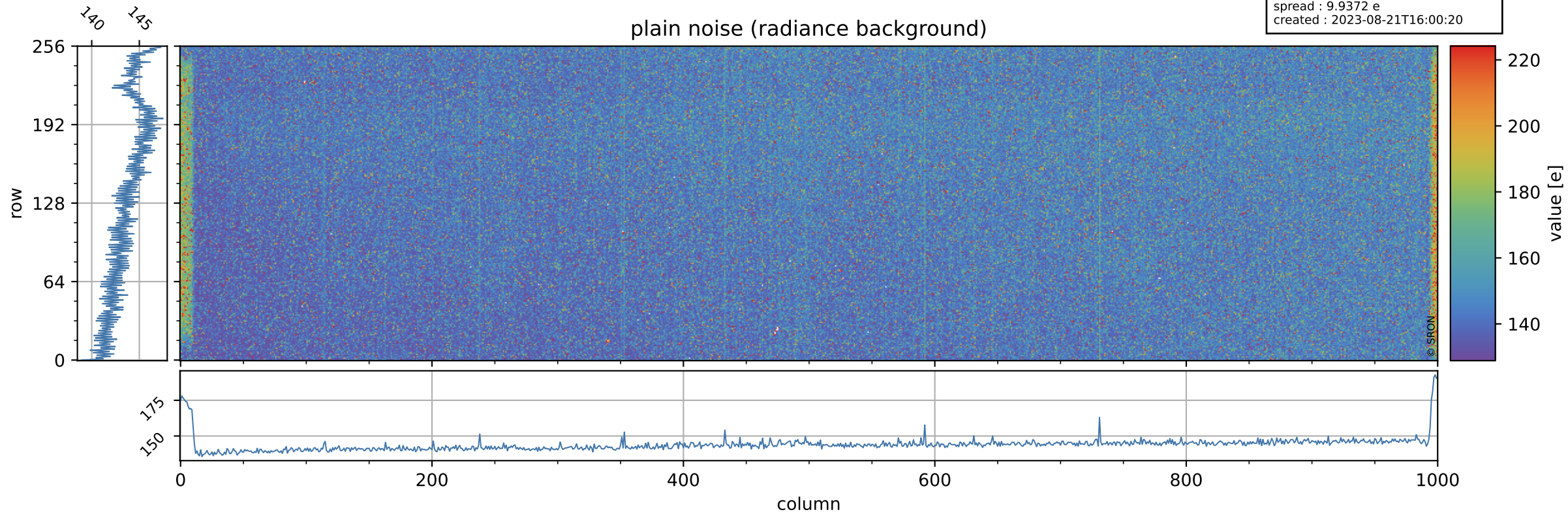
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.9372 e
created : 2023-08-21T16:00:20

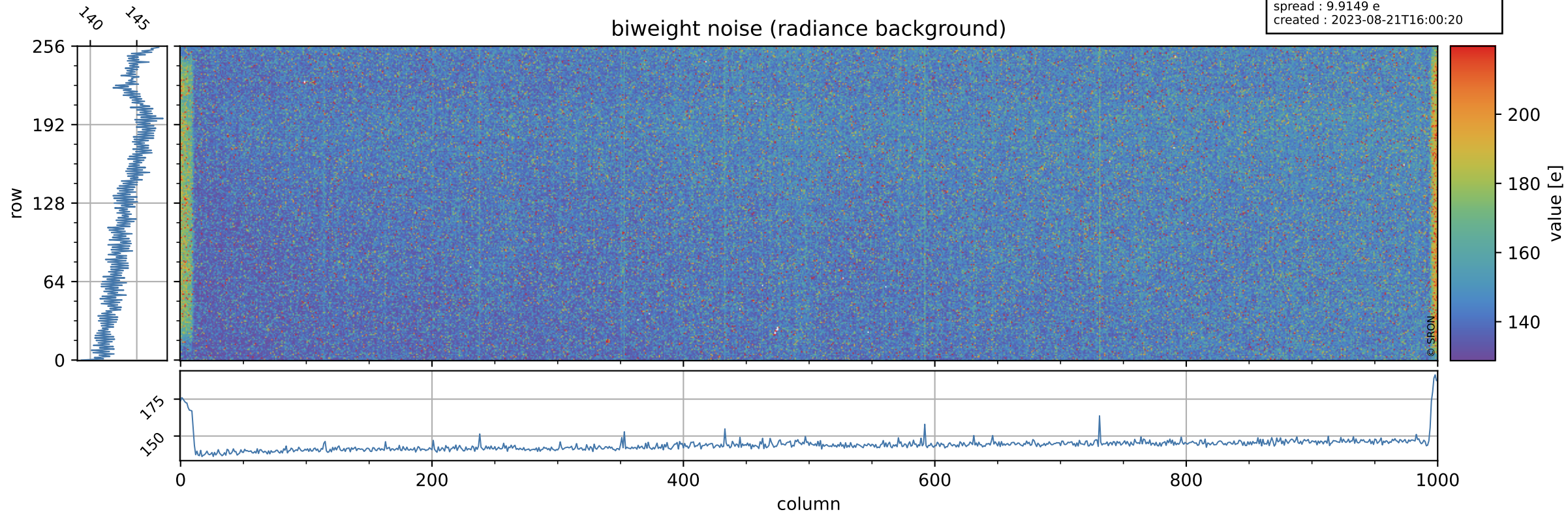
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9149 e
created : 2023-08-21T16:00:20

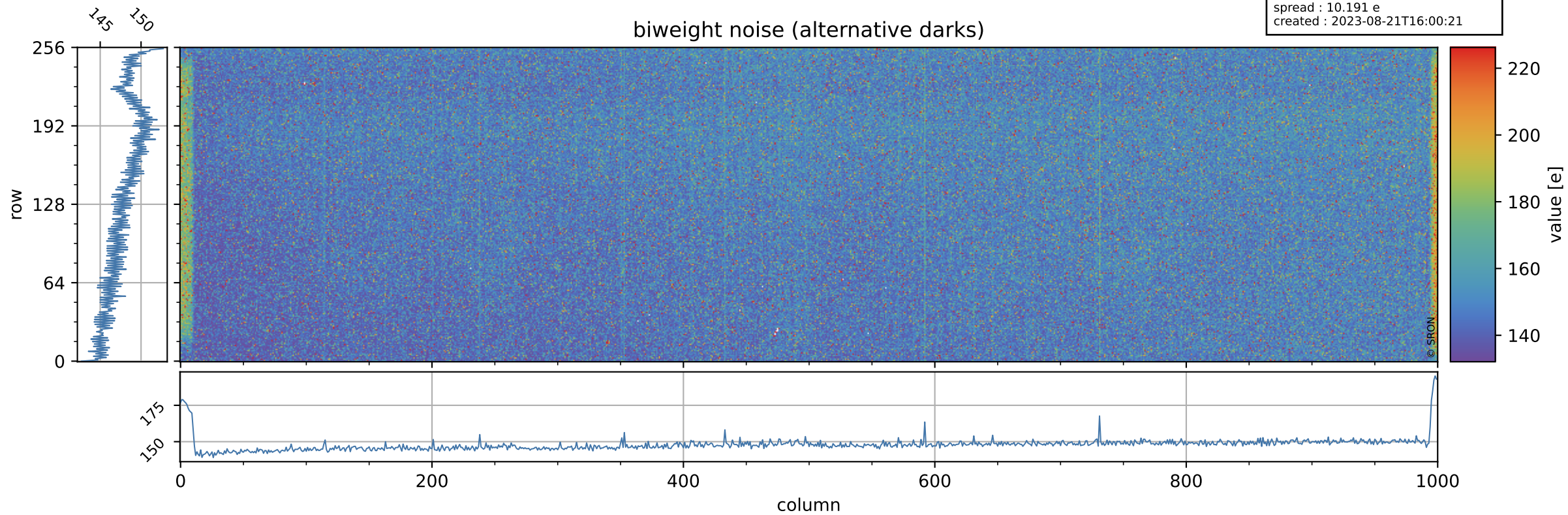
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.191 e
created : 2023-08-21T16:00:21

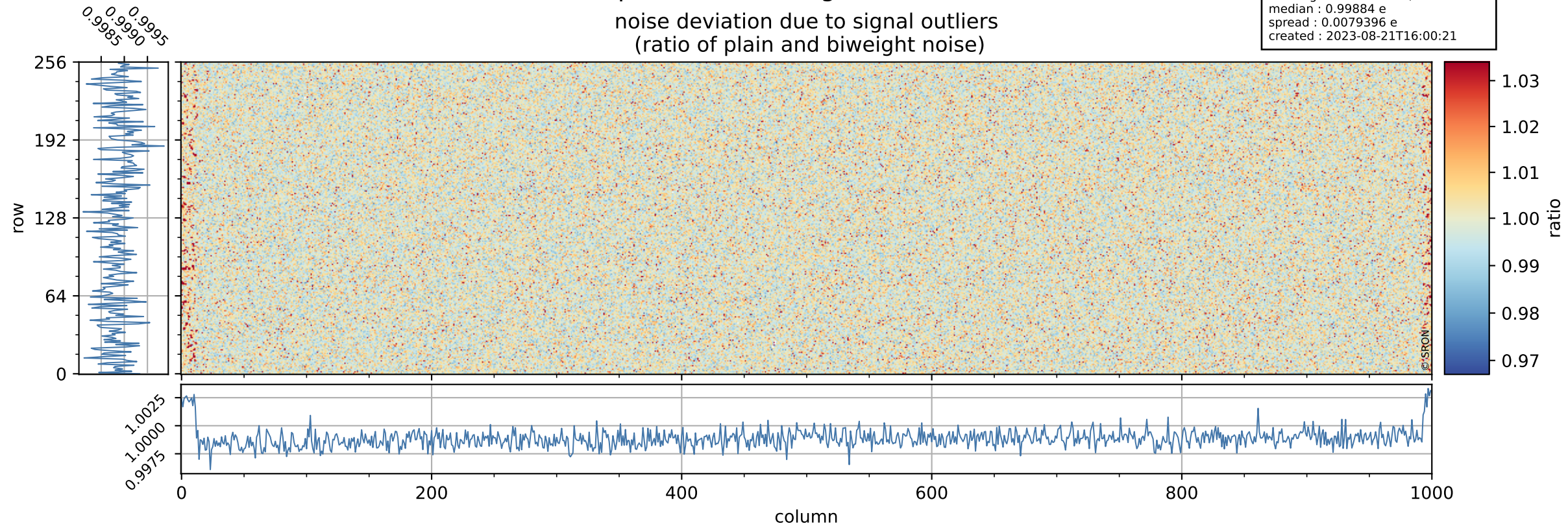
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

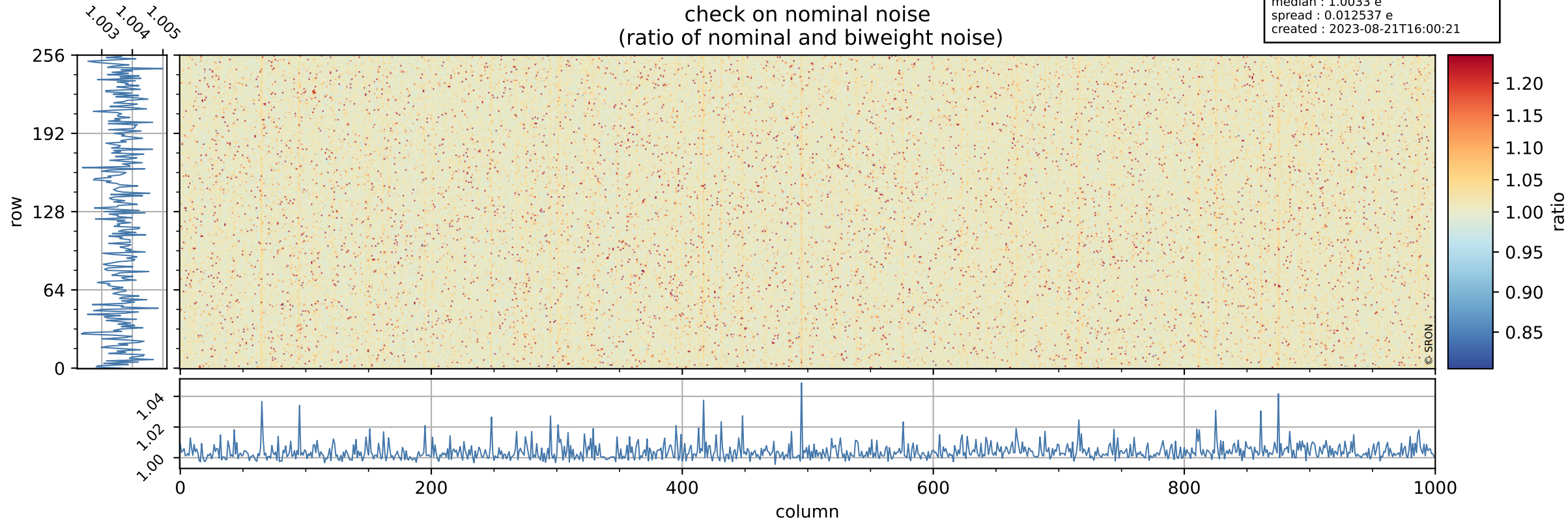
orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
median : 0.99884 e
spread : 0.0079396 e
created : 2023-08-21T16:00:21



Tropomi SWIR background noise (swir)

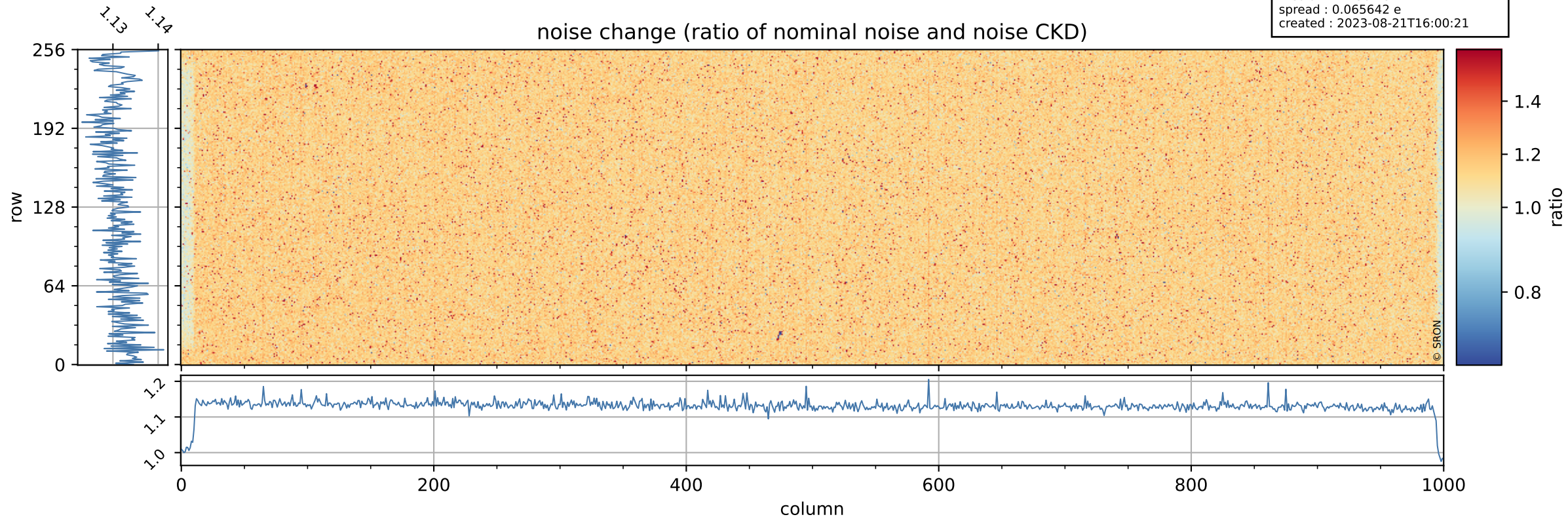
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
median : 1.0033 e
spread : 0.012537 e
created : 2023-08-21T16:00:21



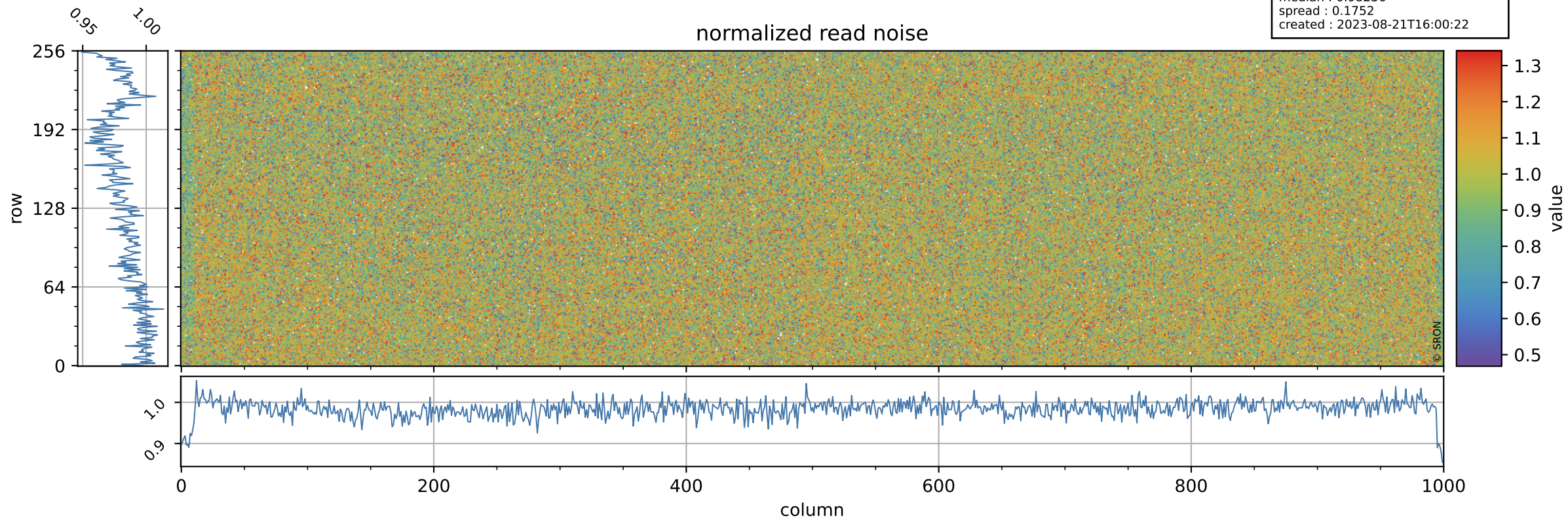
Tropomi SWIR background noise (swir)

orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
median : 1.1301 e
spread : 0.065642 e
created : 2023-08-21T16:00:21



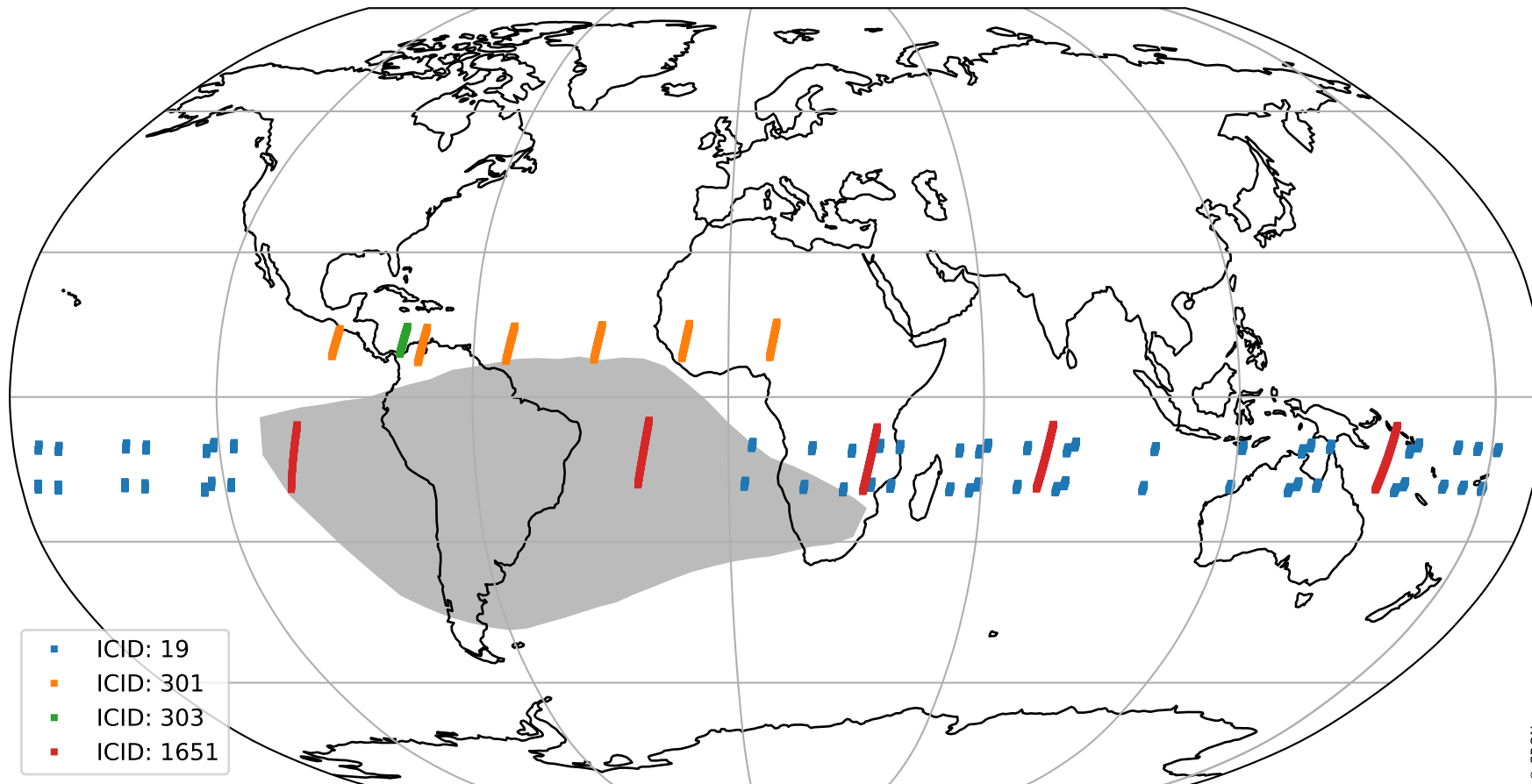
Tropomi SWIR background noise (swir)

orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
median : 0.98236
spread : 0.1752
created : 2023-08-21T16:00:22



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

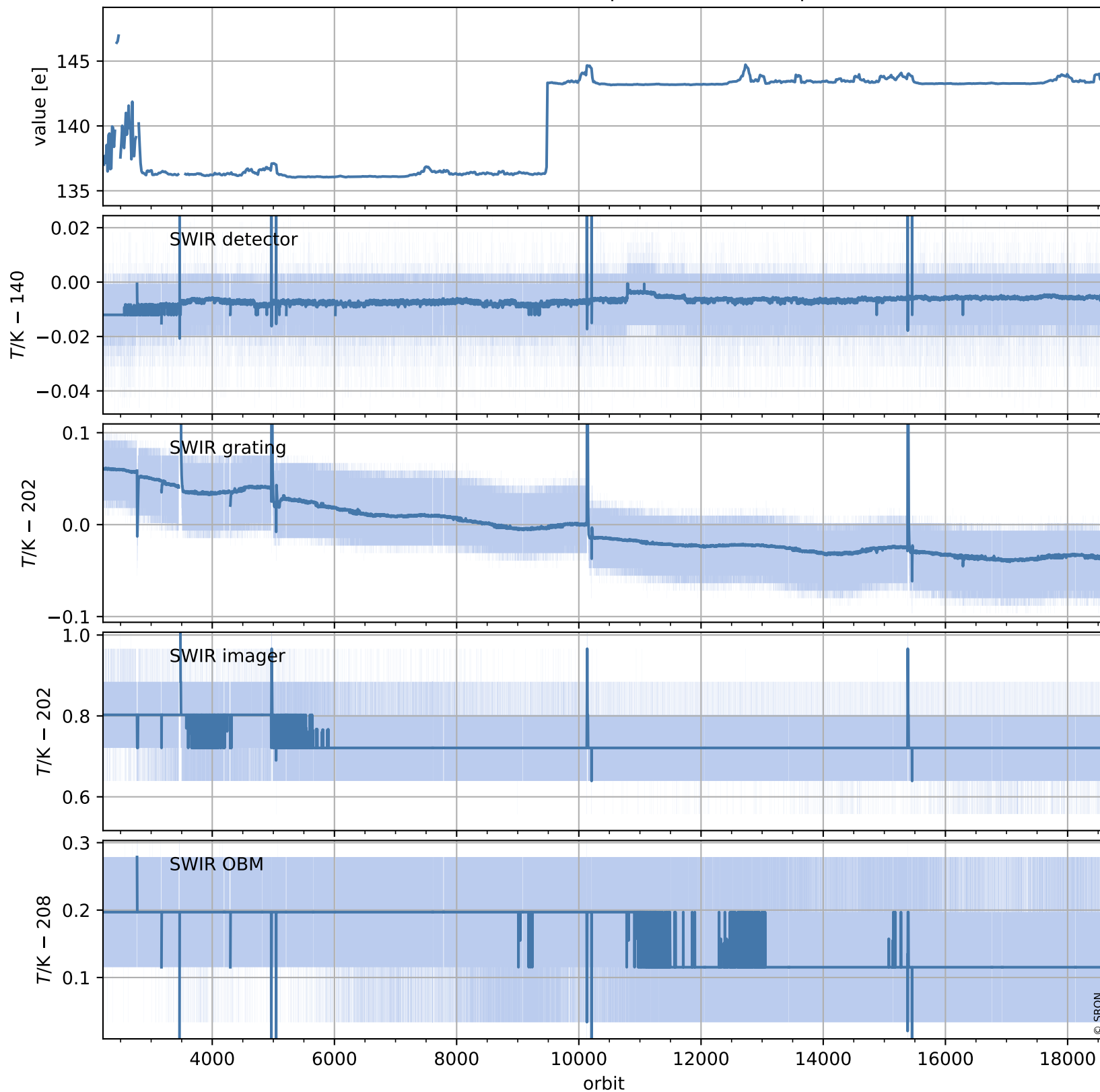
orbits : 12 in [18517, 18607]
coverage : 2021-05-10 / 2021-05-16
created : 2023-08-21T16:00:22



Tropomi SWIR background noise (swir)

orbits : [2212, 18607]
coverage : 2018-03-18 / 2021-05-16
created : 2023-08-21T16:00:23

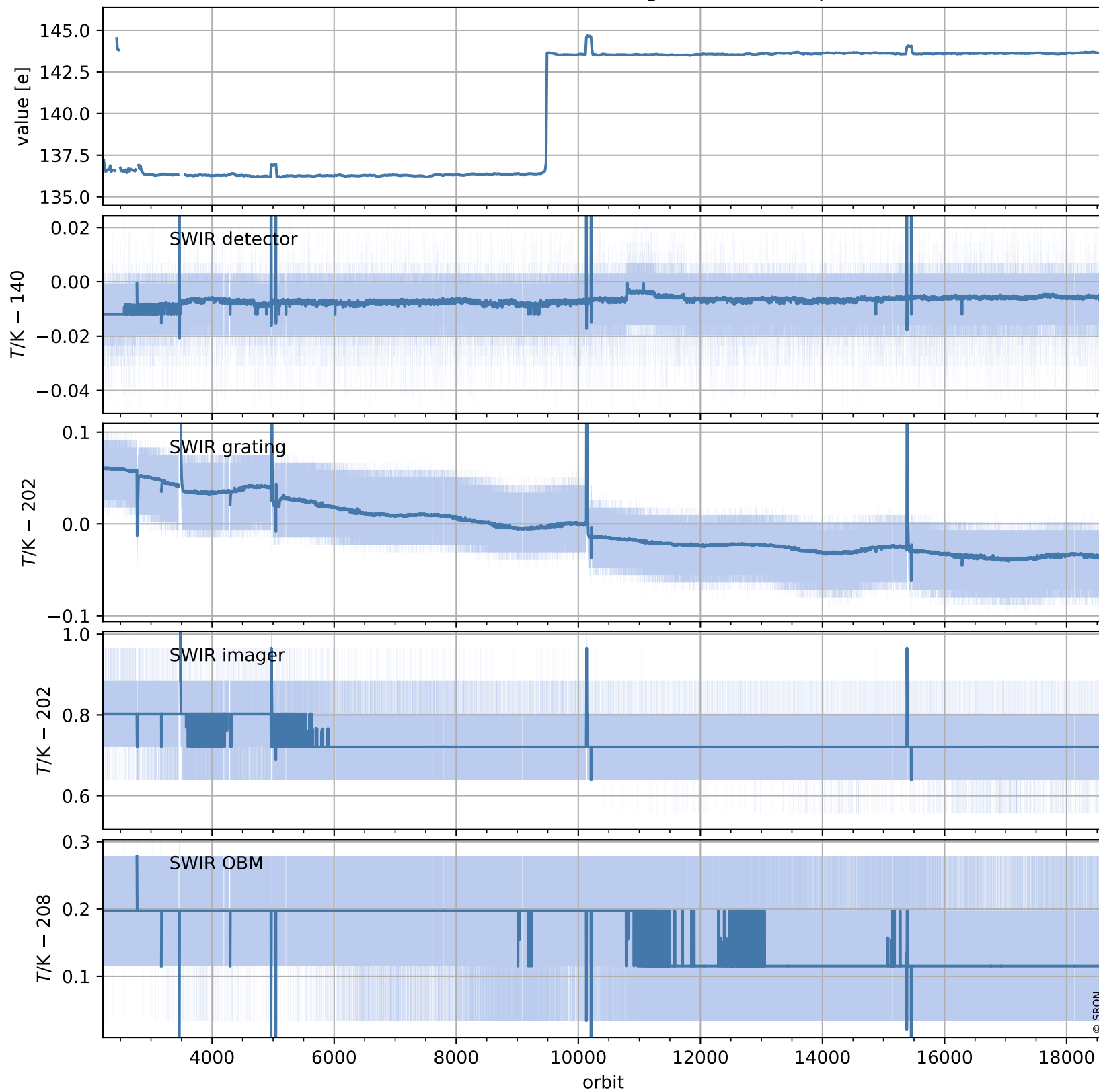
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18607]
coverage : 2018-03-18 / 2021-05-16
created : 2023-08-21T16:00:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18607]
coverage : 2018-03-18 / 2021-05-16
created : 2023-08-21T16:00:24

trend of normalized read-noise & temperatures

