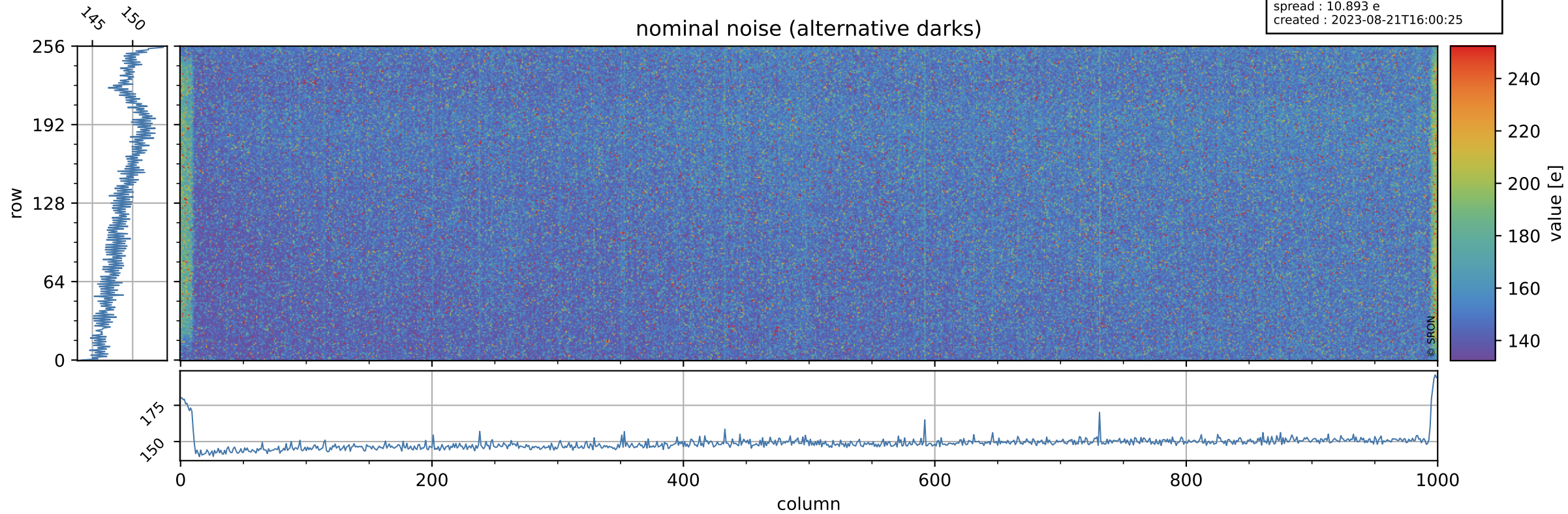


Tropomi SWIR background noise (swir)

orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.893 e
created : 2023-08-21T16:00:25

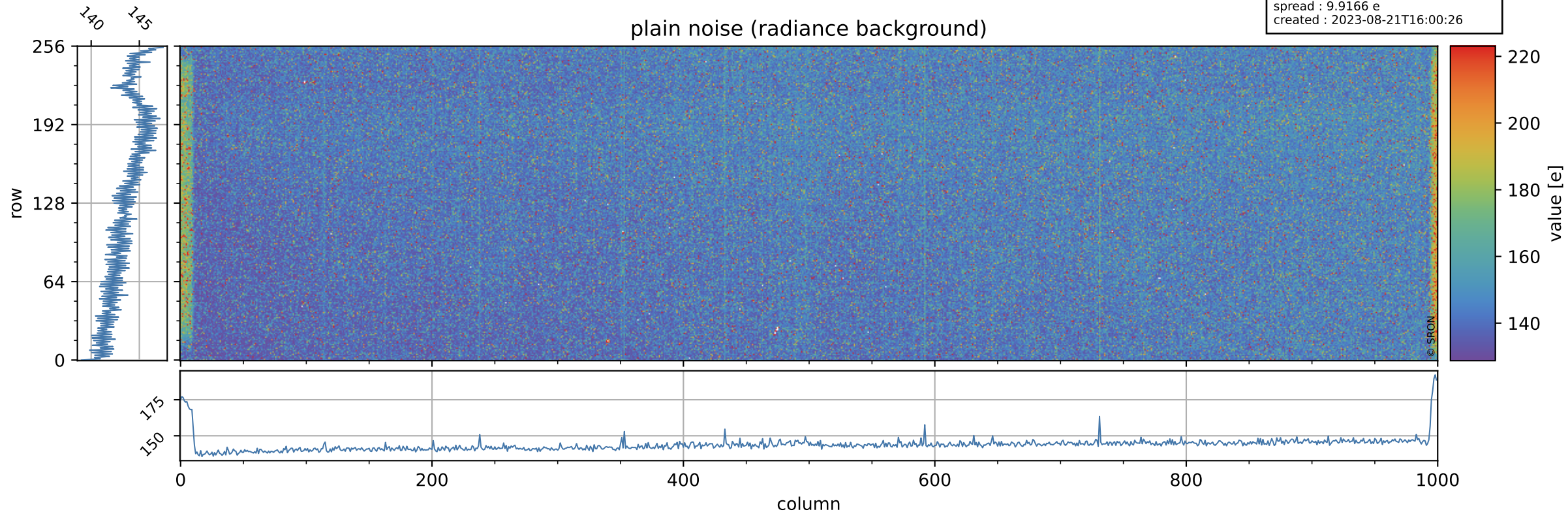
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.9166 e
created : 2023-08-21T16:00:26

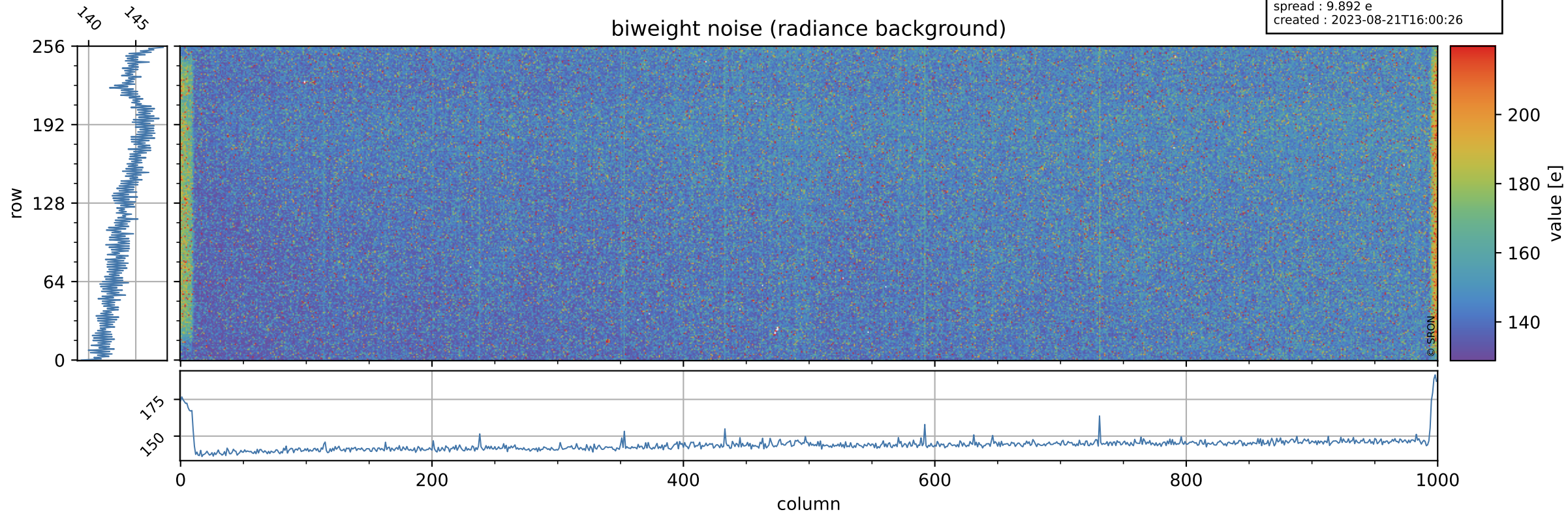
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.892 e
created : 2023-08-21T16:00:26

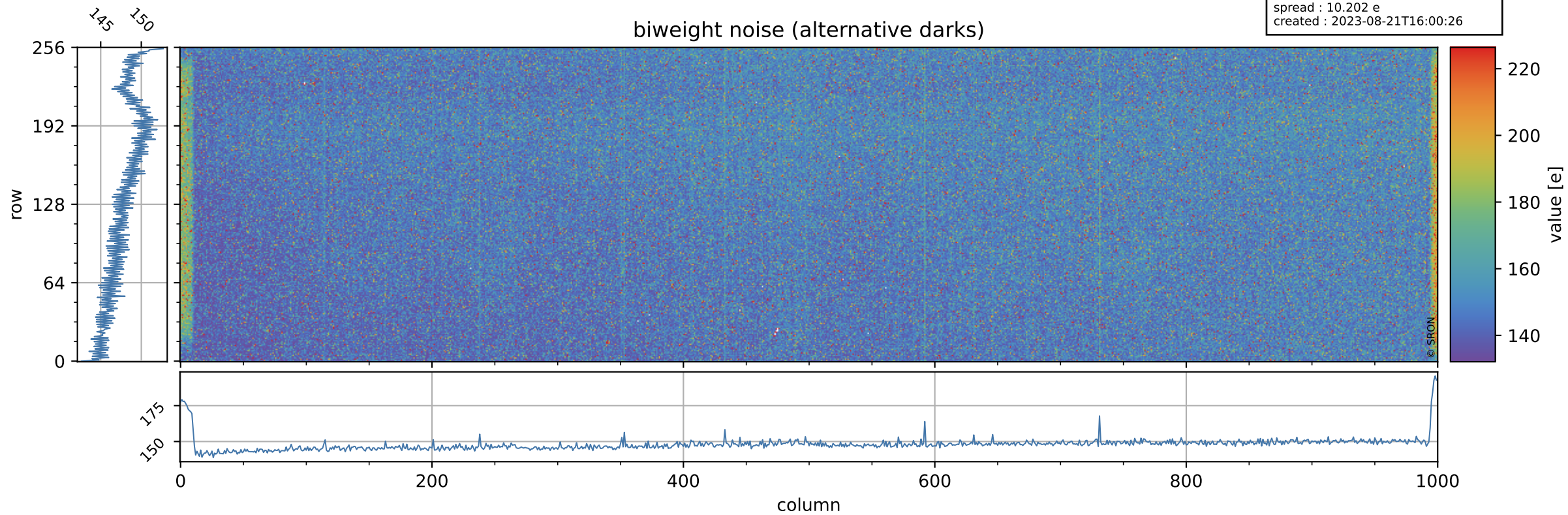
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.202 e
created : 2023-08-21T16:00:26

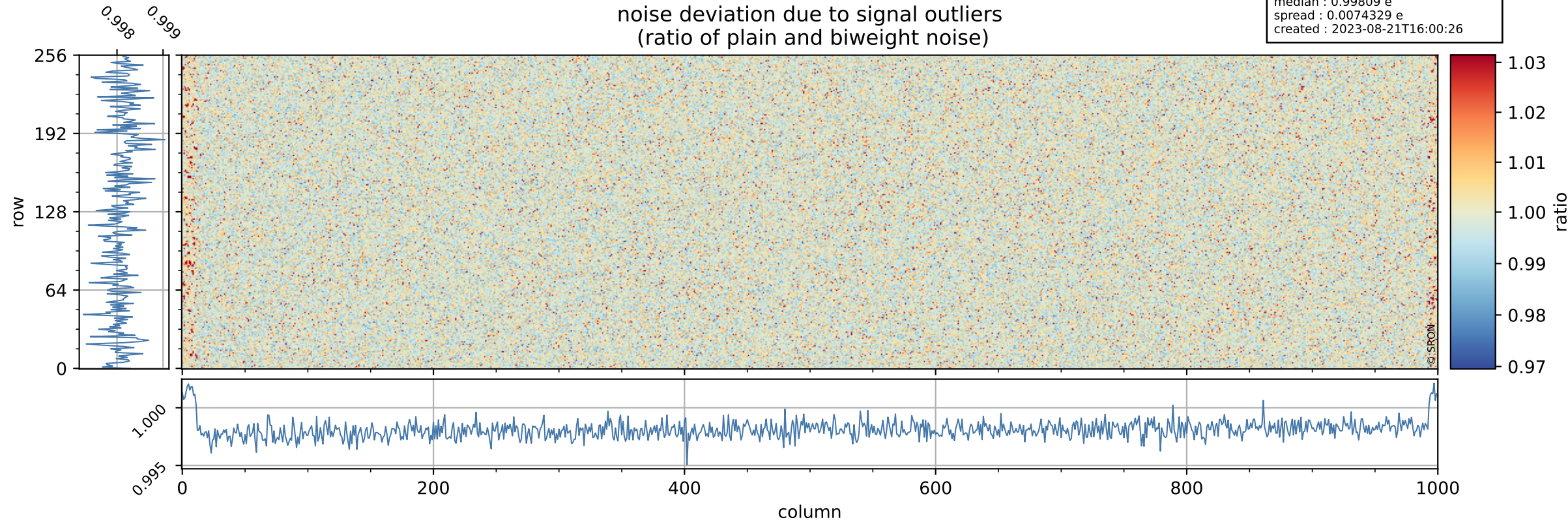
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

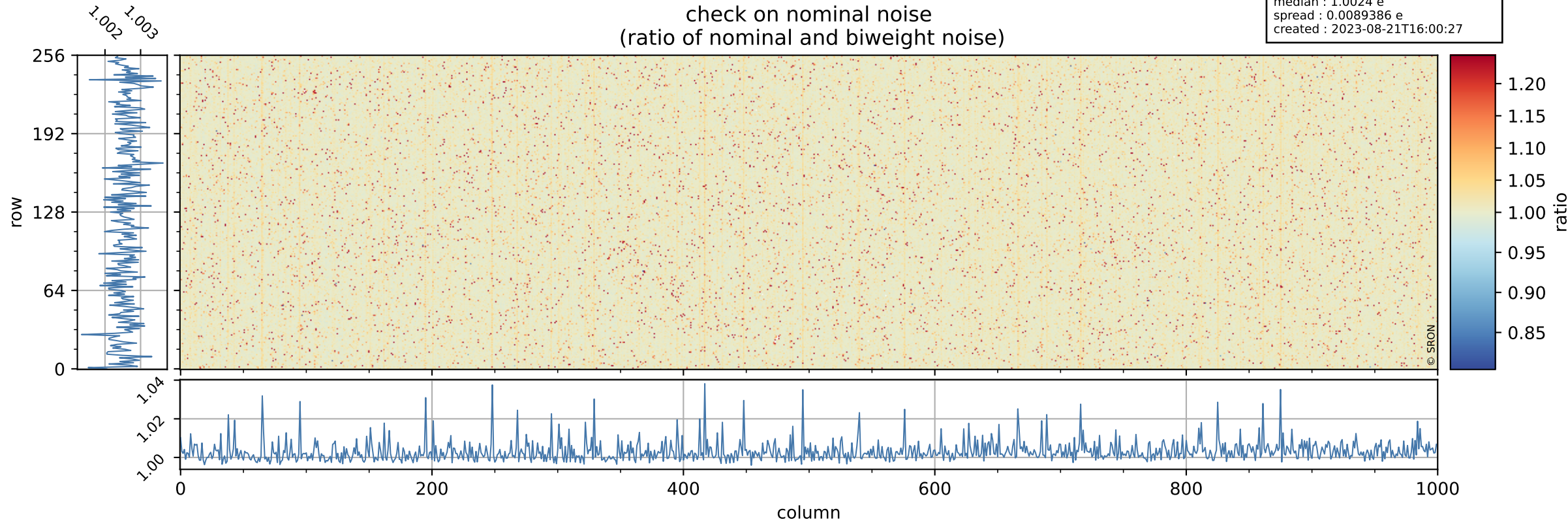
orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
median : 0.99809 e
spread : 0.0074329 e
created : 2023-08-21T16:00:26



Tropomi SWIR background noise (swir)

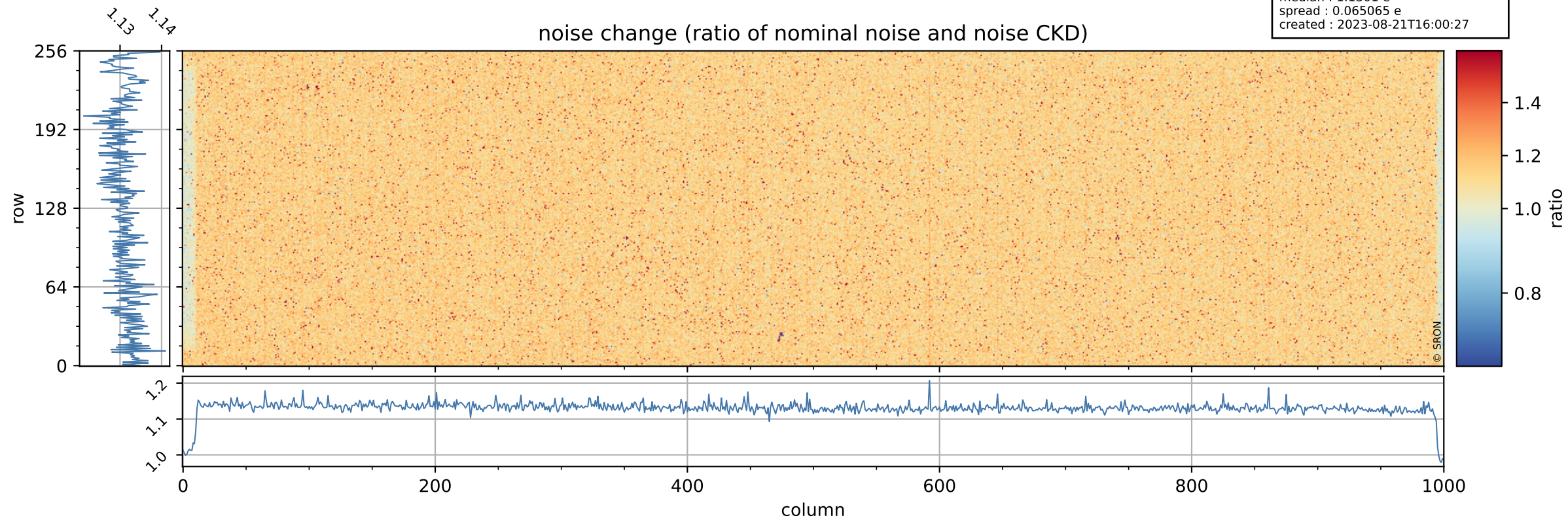
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
median : 1.0024 e
spread : 0.0089386 e
created : 2023-08-21T16:00:27



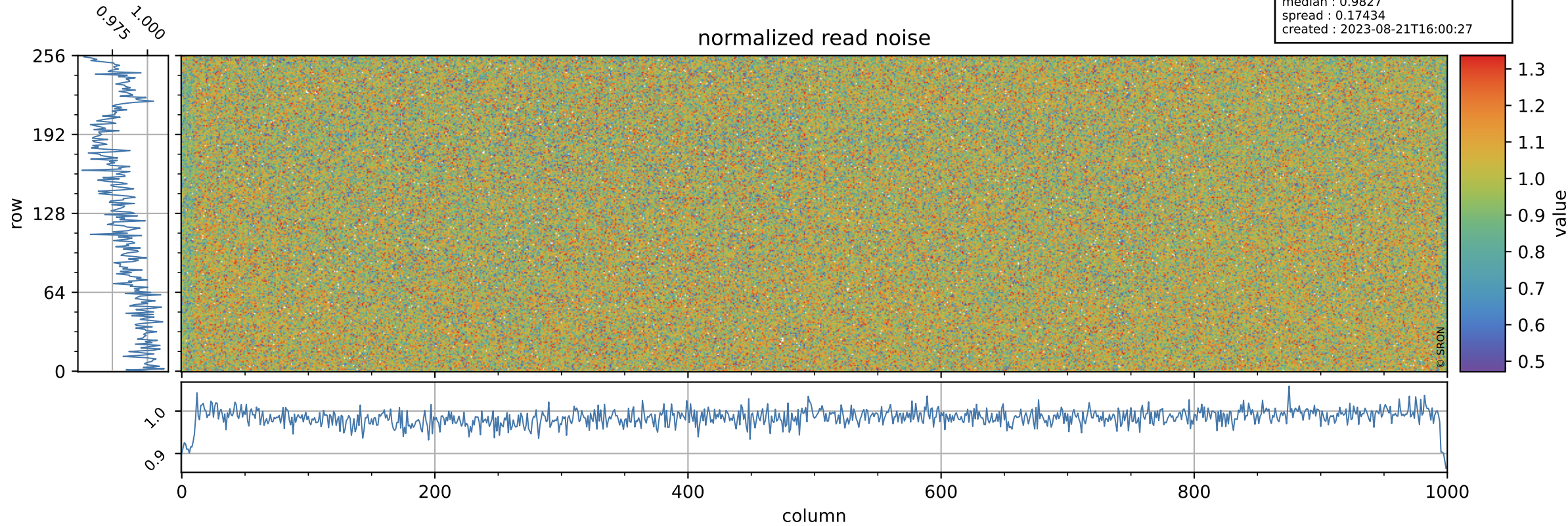
Tropomi SWIR background noise (swir)

orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
median : 1.1301 e
spread : 0.065065 e
created : 2023-08-21T16:00:27



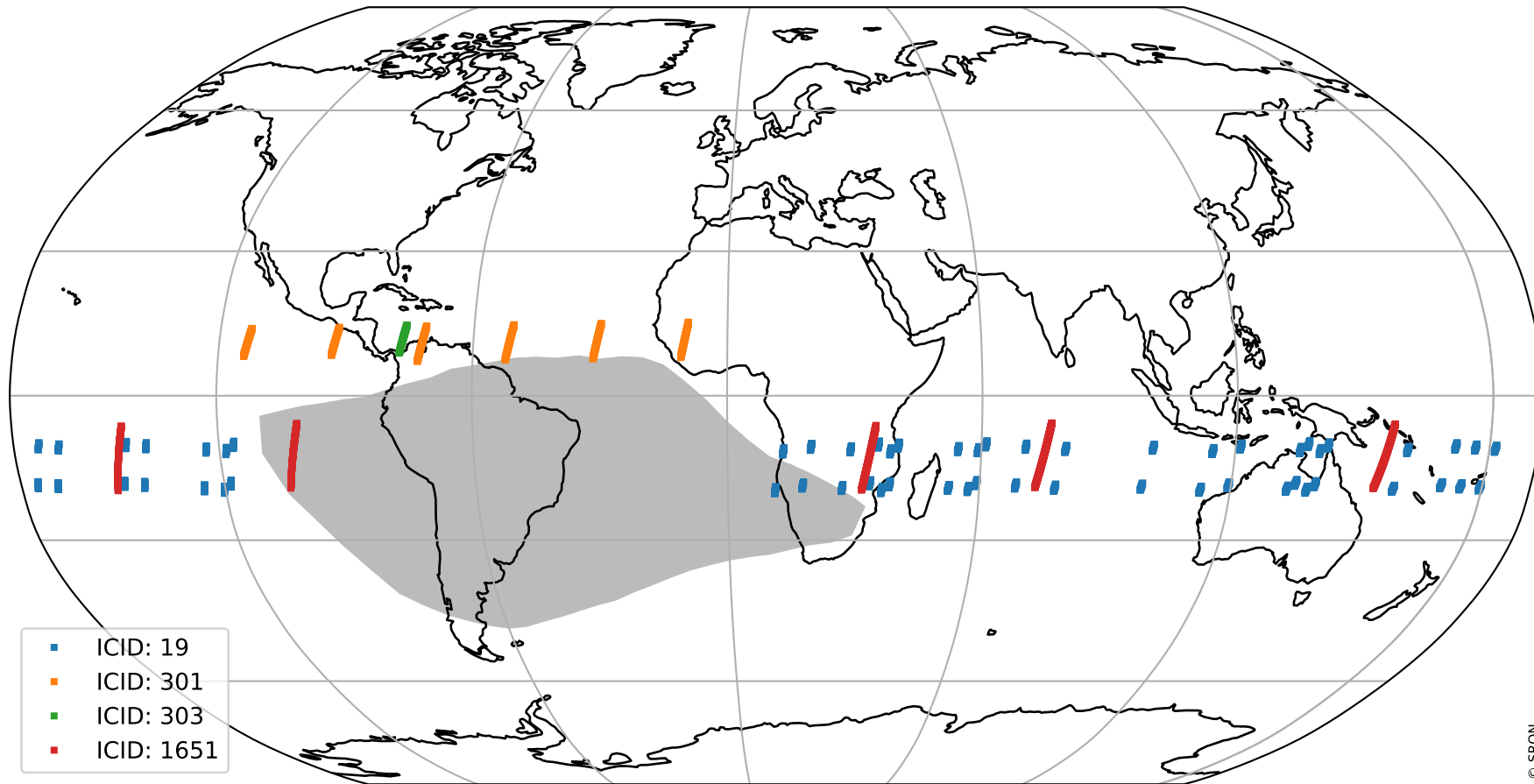
Tropomi SWIR background noise (swir)

orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
median : 0.9827
spread : 0.17434
created : 2023-08-21T16:00:27



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

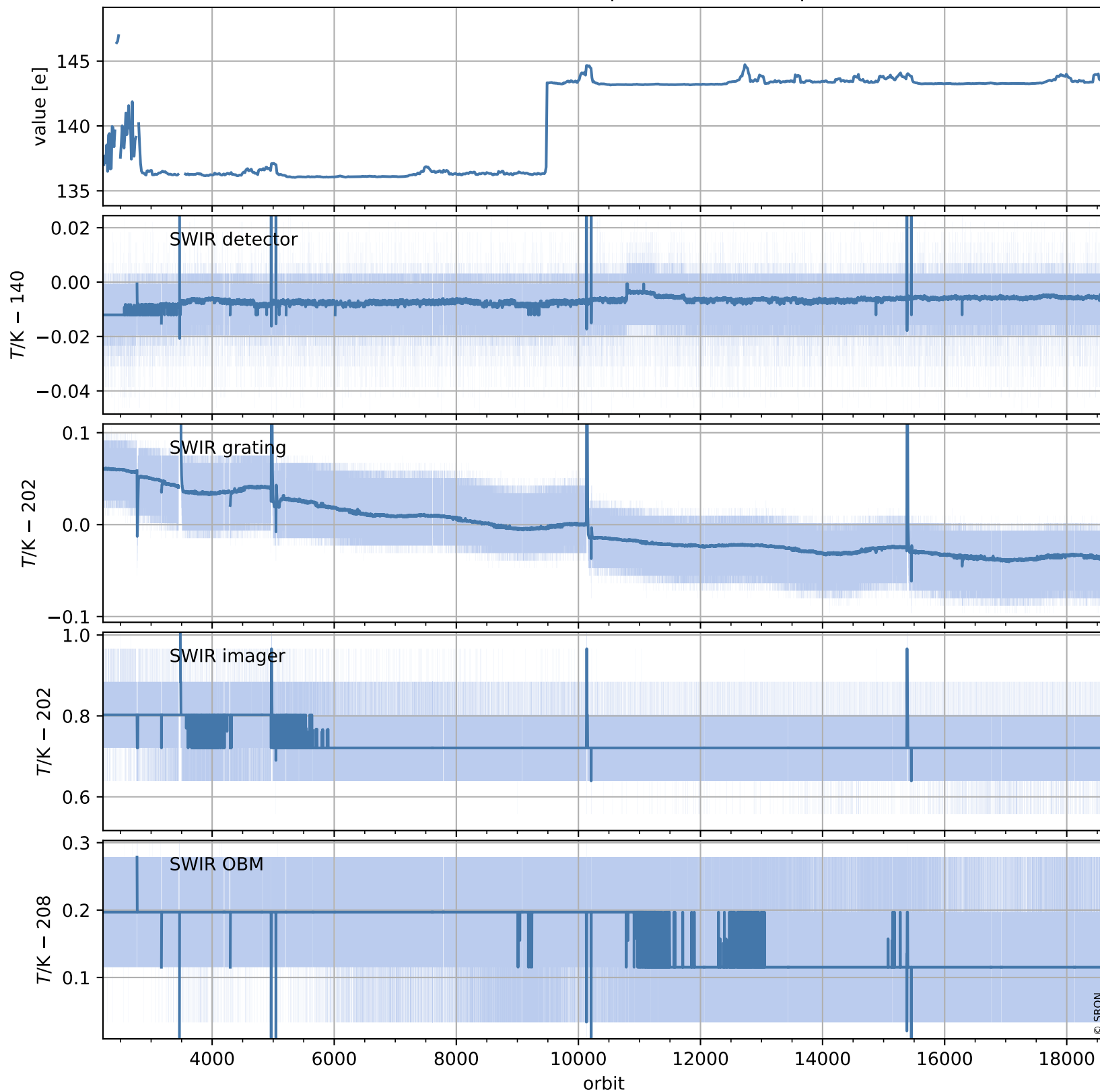
orbits : 12 in [18532, 18622]
coverage : 2021-05-12 / 2021-05-17
created : 2023-08-21T16:00:28



Tropomi SWIR background noise (swir)

orbits : [2212, 18622]
coverage : 2018-03-18 / 2021-05-17
created : 2023-08-21T16:00:28

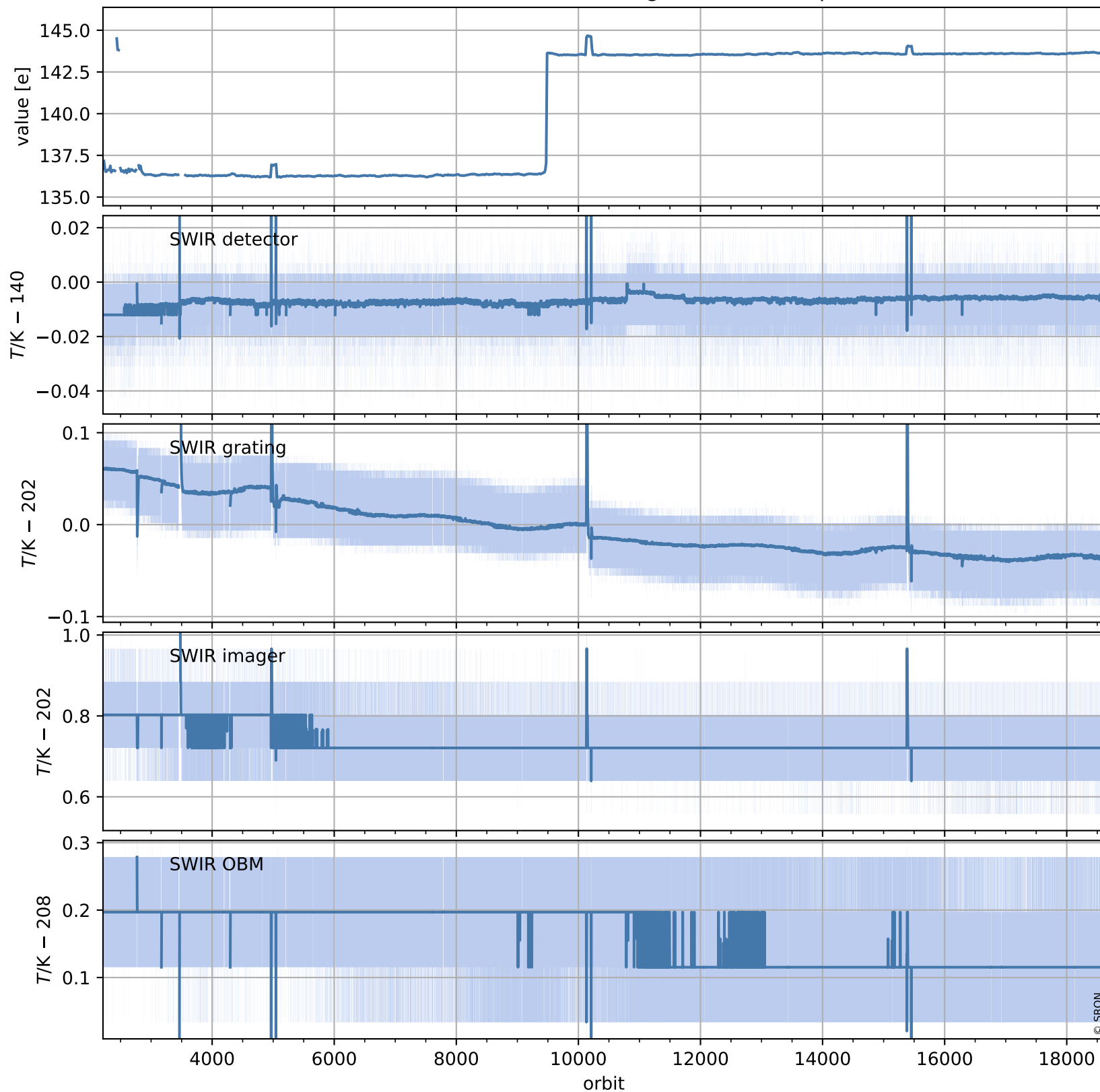
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18622]
coverage : 2018-03-18 / 2021-05-17
created : 2023-08-21T16:00:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18622]
coverage : 2018-03-18 / 2021-05-17
created : 2023-08-21T16:00:29

trend of normalized read-noise & temperatures

