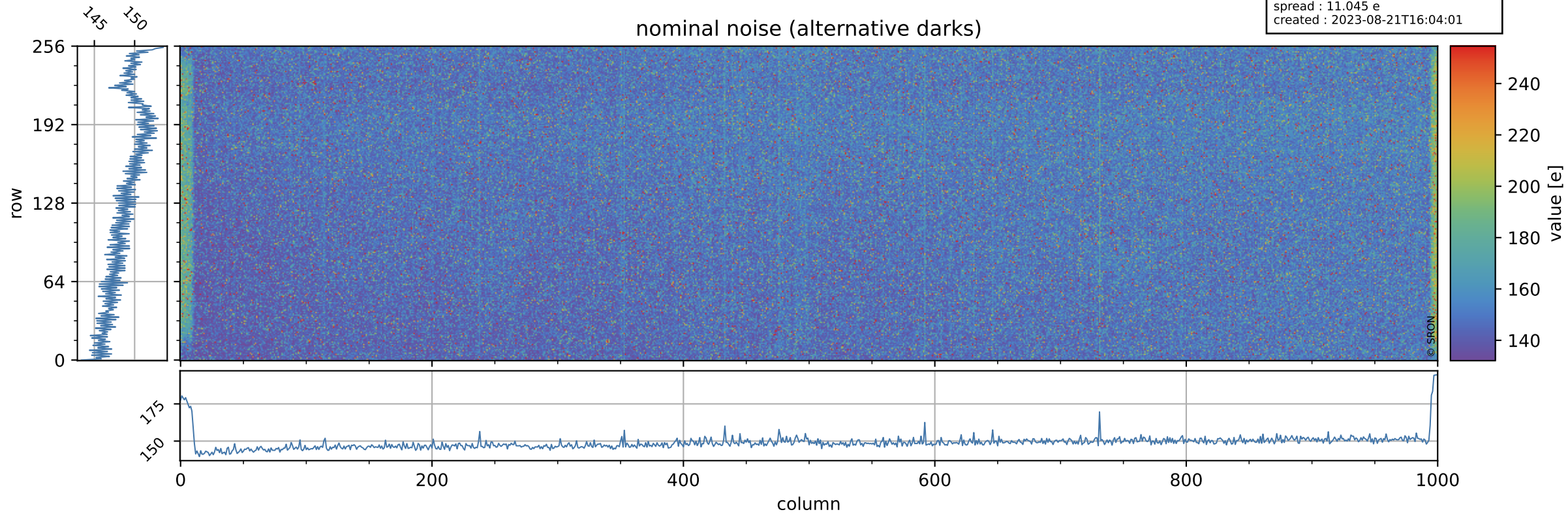


Tropomi SWIR background noise (swir)

orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 11.045 e
created : 2023-08-21T16:04:01

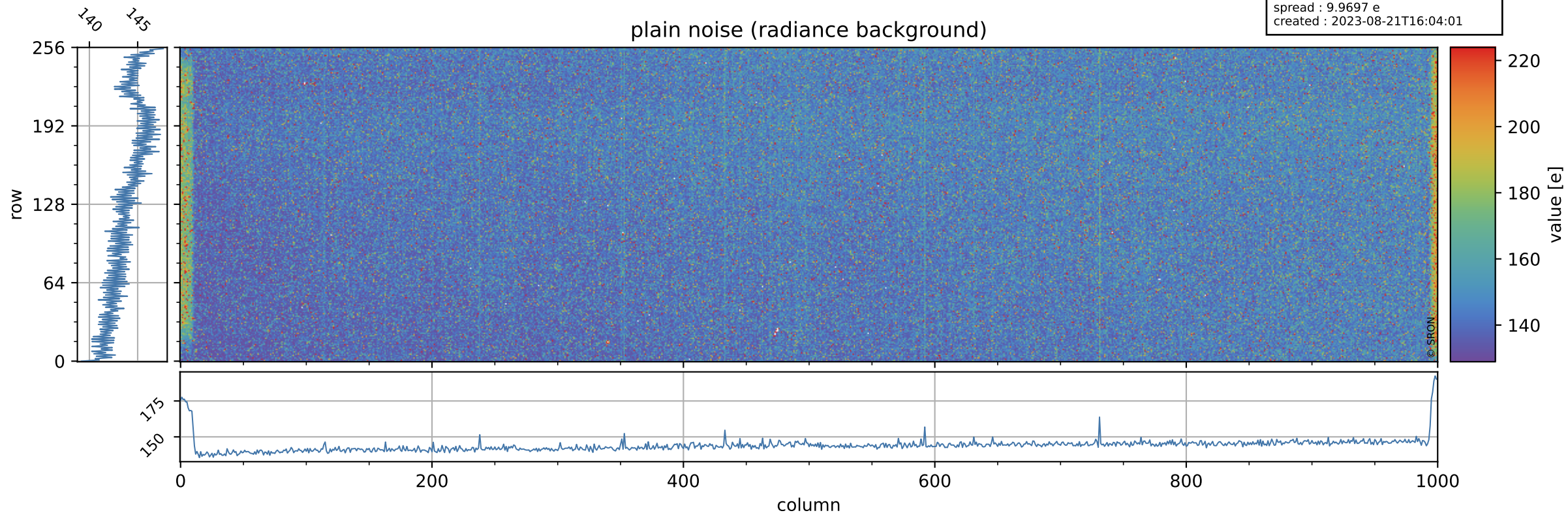
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9697 e
created : 2023-08-21T16:04:01

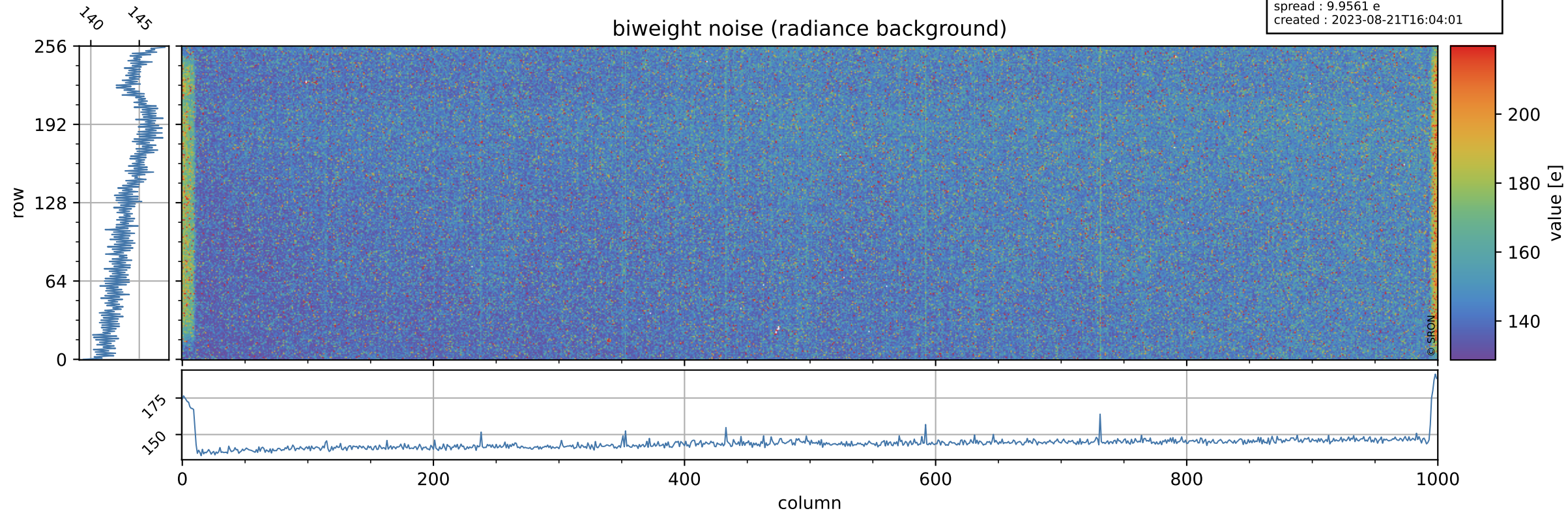
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9561 e
created : 2023-08-21T16:04:01

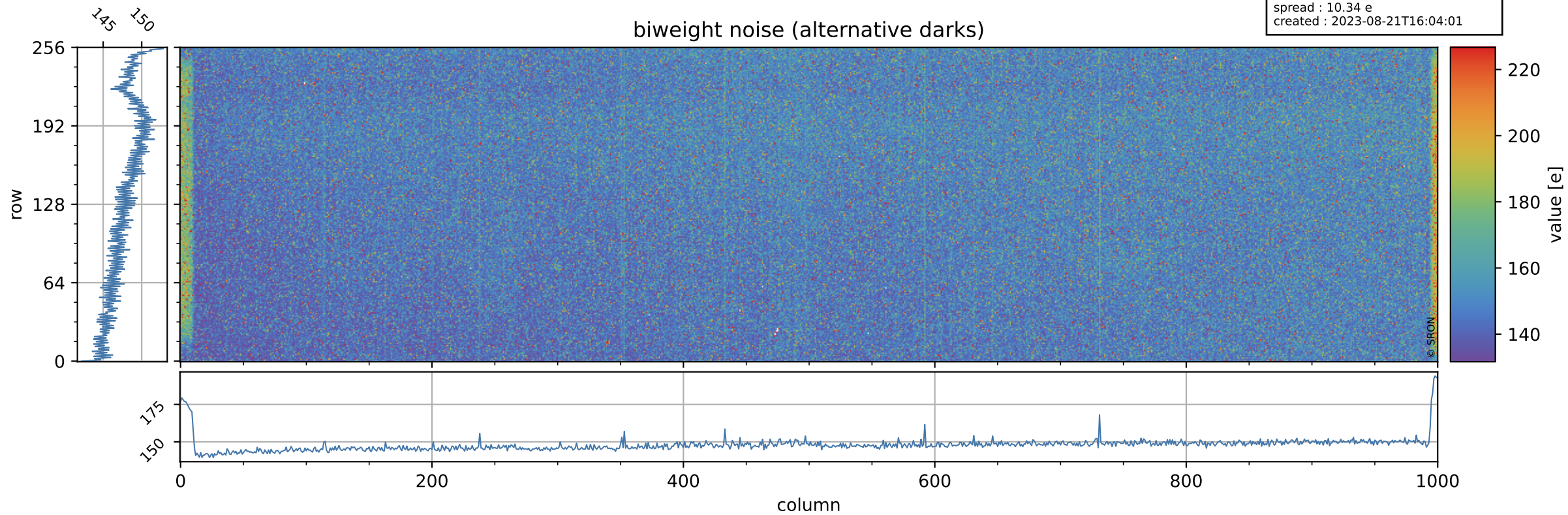
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.34 e
created : 2023-08-21T16:04:01

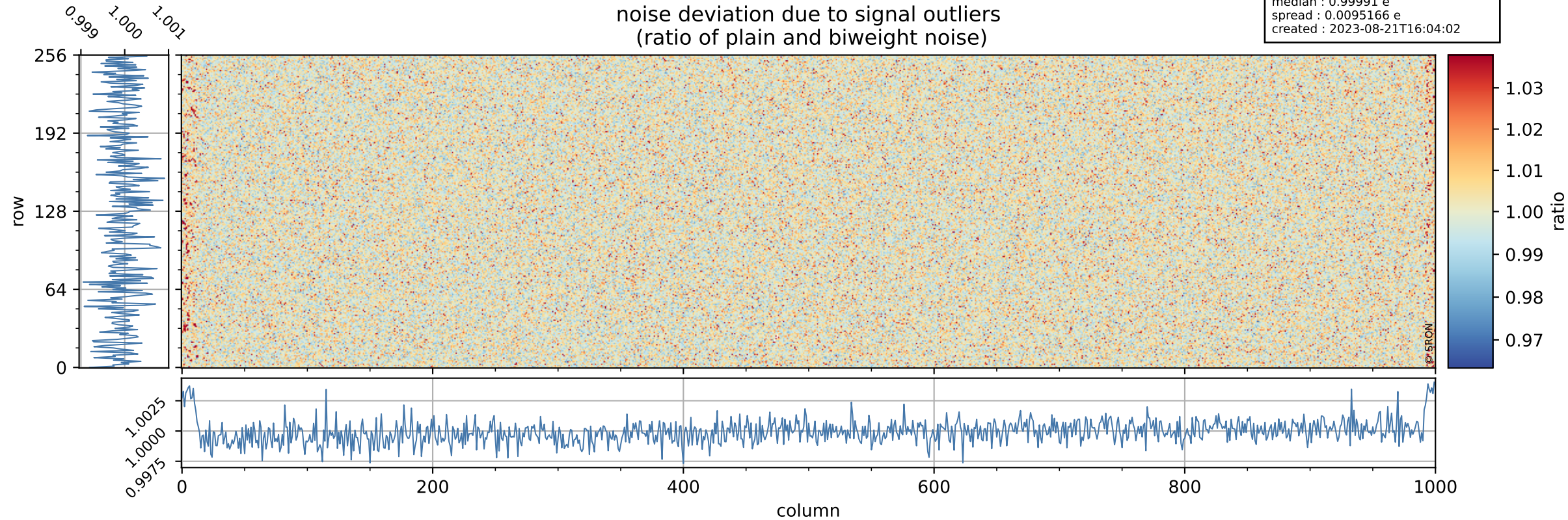
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

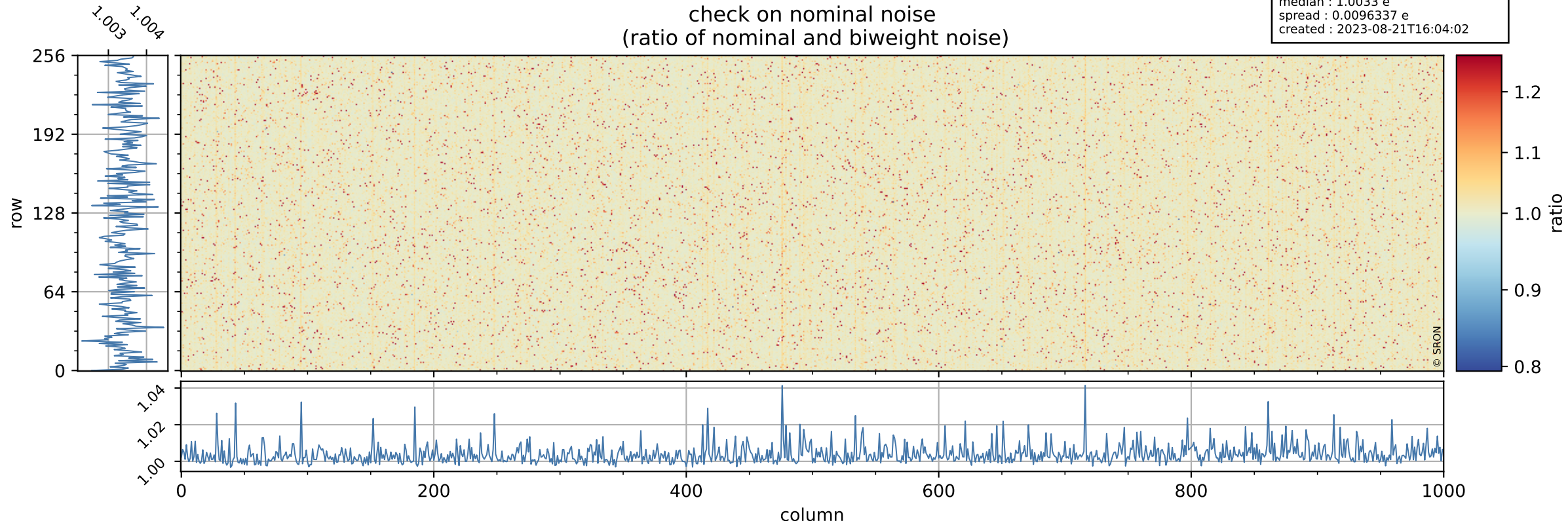
orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
median : 0.99991 e
spread : 0.0095166 e
created : 2023-08-21T16:04:02



Tropomi SWIR background noise (swir)

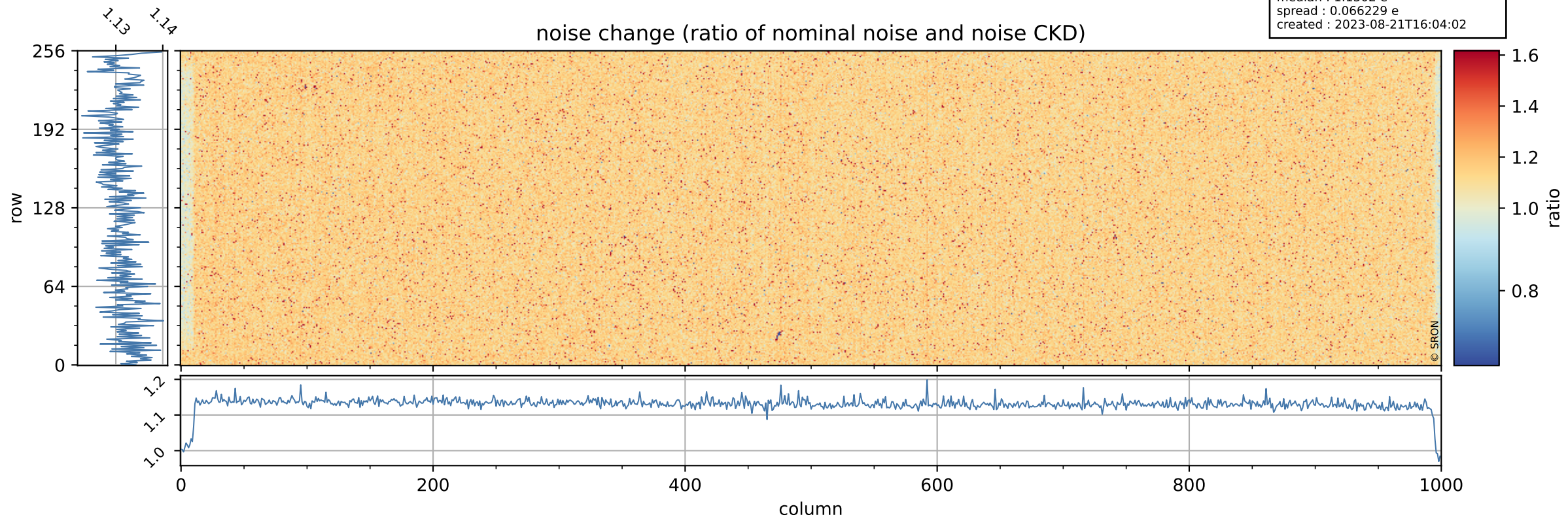
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
median : 1.0033 e
spread : 0.0096337 e
created : 2023-08-21T16:04:02



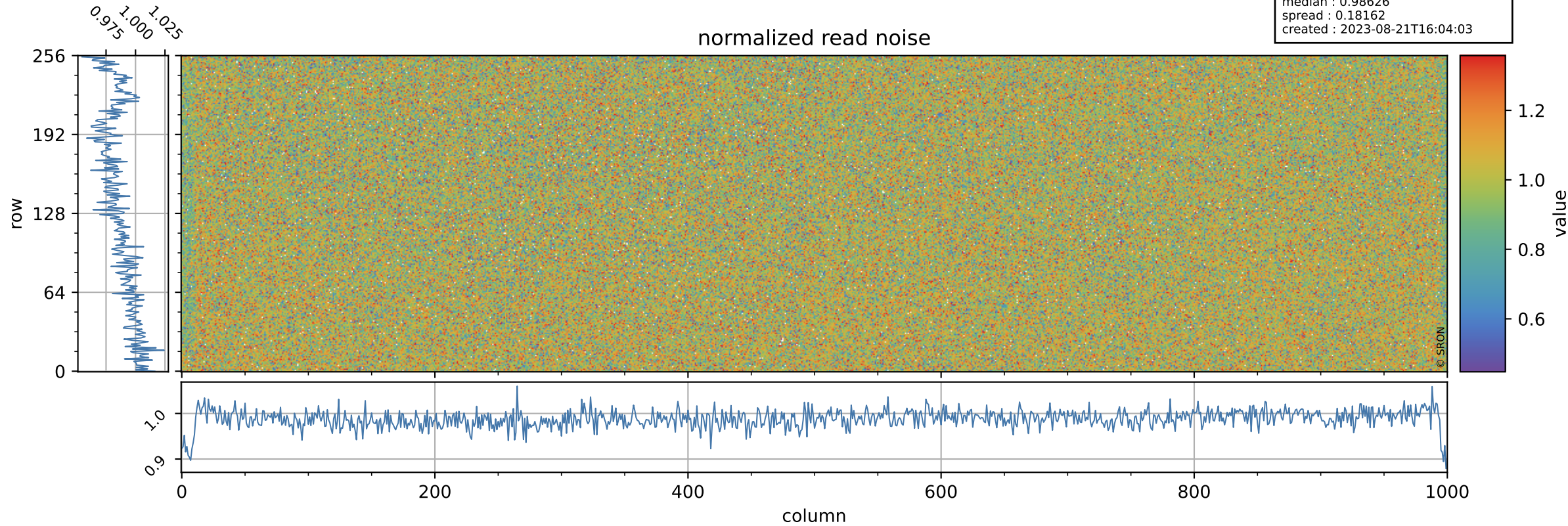
Tropomi SWIR background noise (swir)

orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
median : 1.1302 e
spread : 0.066229 e
created : 2023-08-21T16:04:02



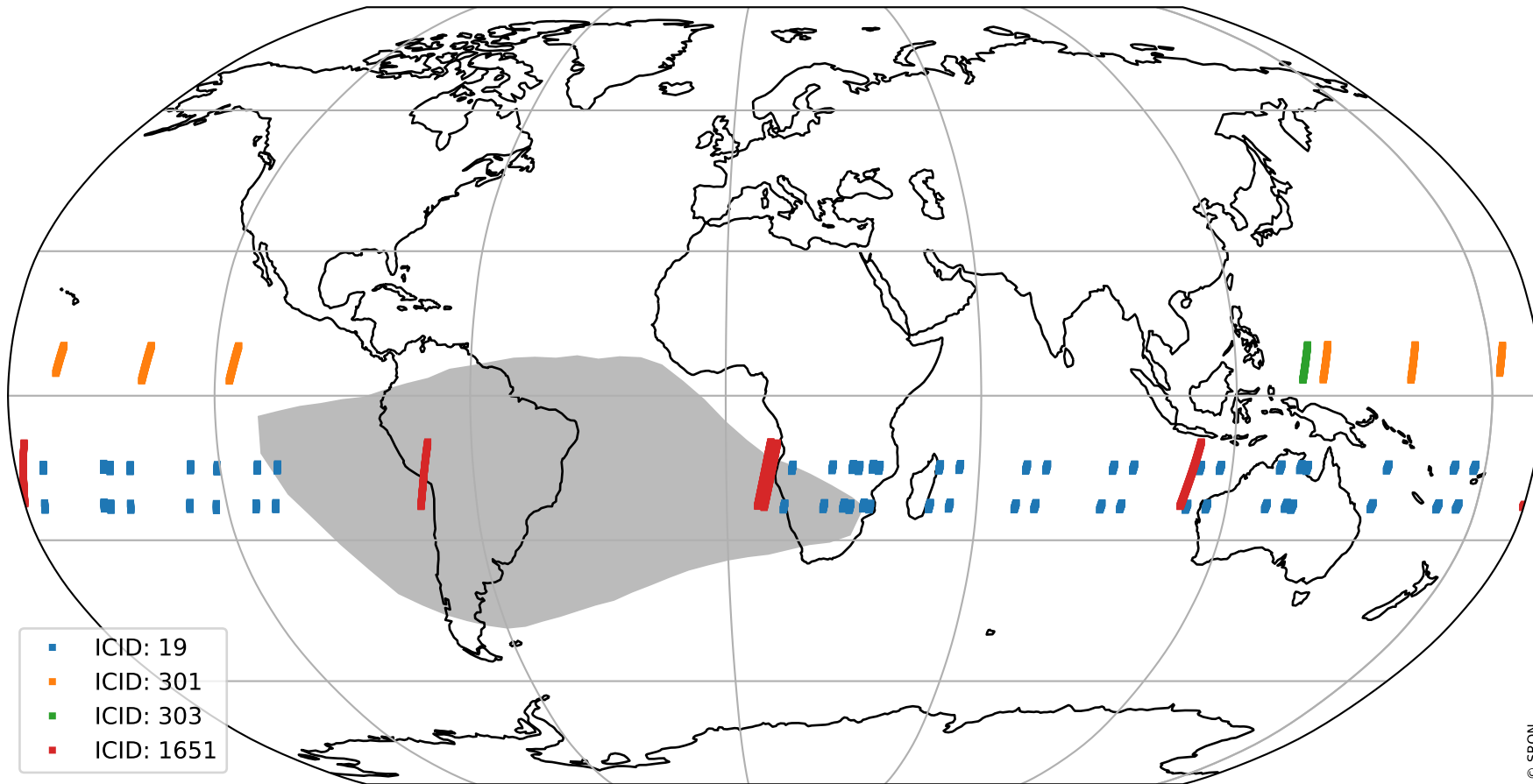
Tropomi SWIR background noise (swir)

orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
median : 0.98626
spread : 0.18162
created : 2023-08-21T16:04:03



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

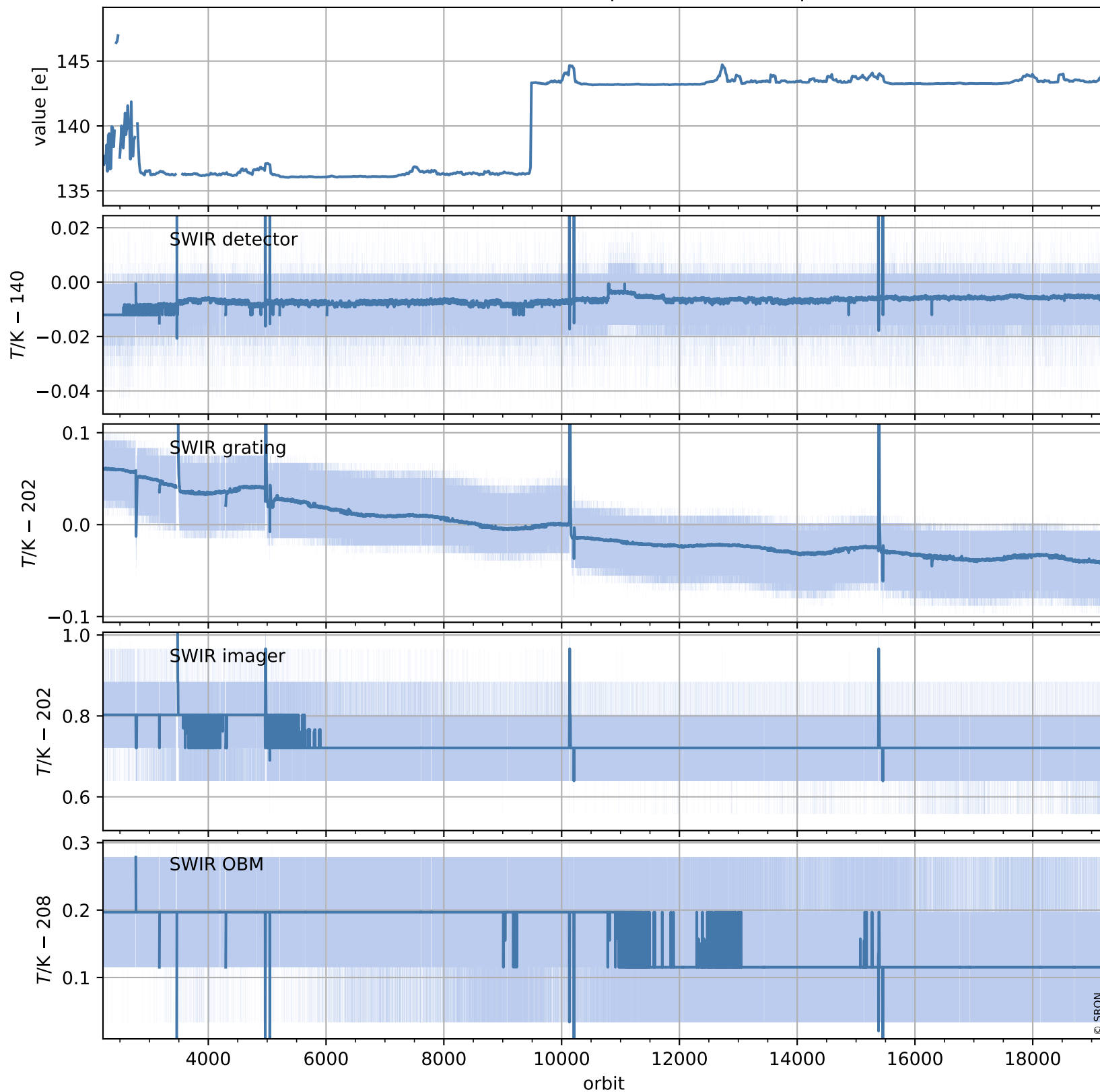
orbits : 12 in [19132, 19222]
coverage : 2021-06-23 / 2021-06-29
created : 2023-08-21T16:04:03



Tropomi SWIR background noise (swir)

orbits : [2212, 19222]
coverage : 2018-03-18 / 2021-06-29
created : 2023-08-21T16:04:03

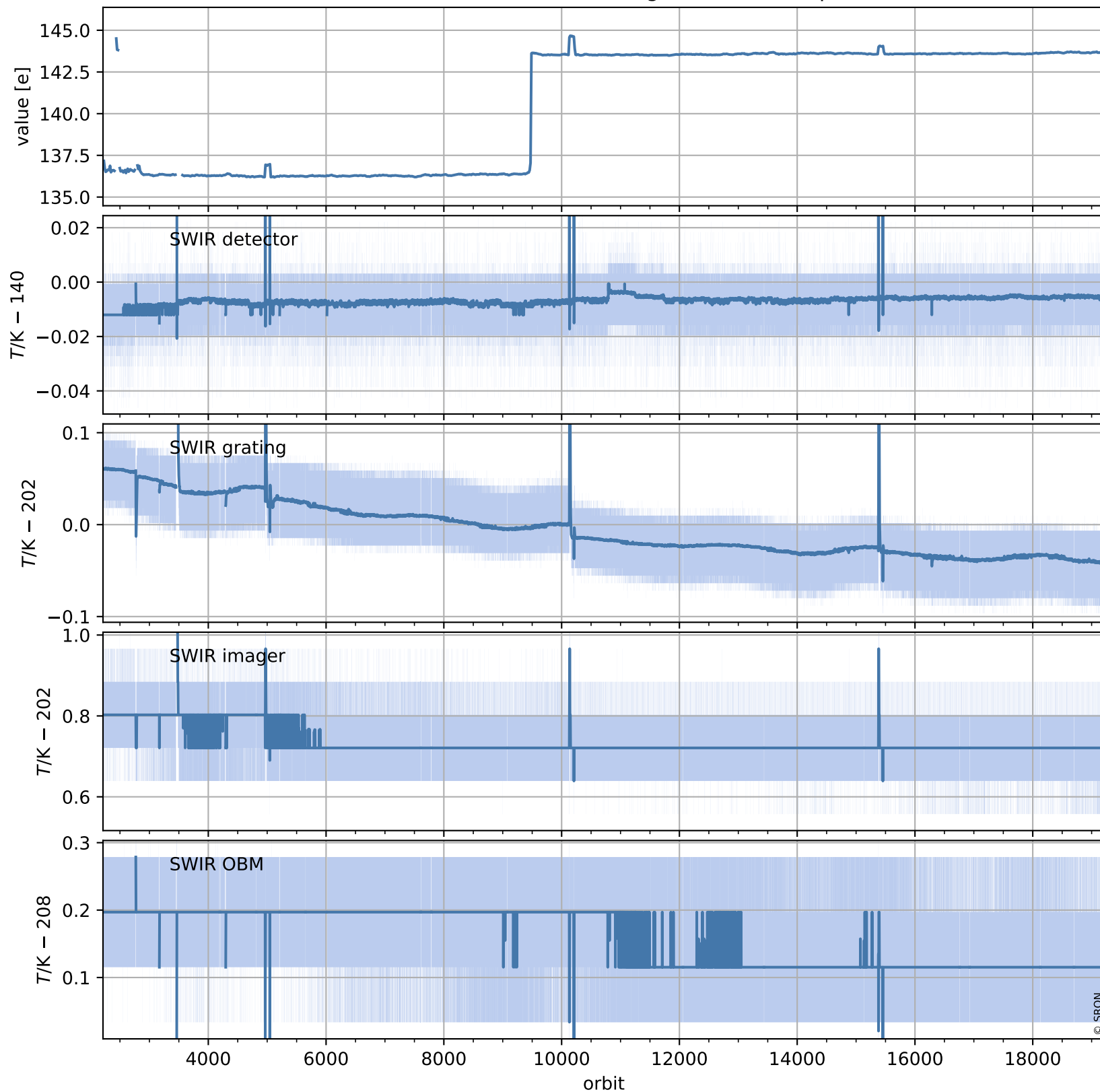
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19222]
coverage : 2018-03-18 / 2021-06-29
created : 2023-08-21T16:04:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19222]
coverage : 2018-03-18 / 2021-06-29
created : 2023-08-21T16:04:05

trend of normalized read-noise & temperatures

