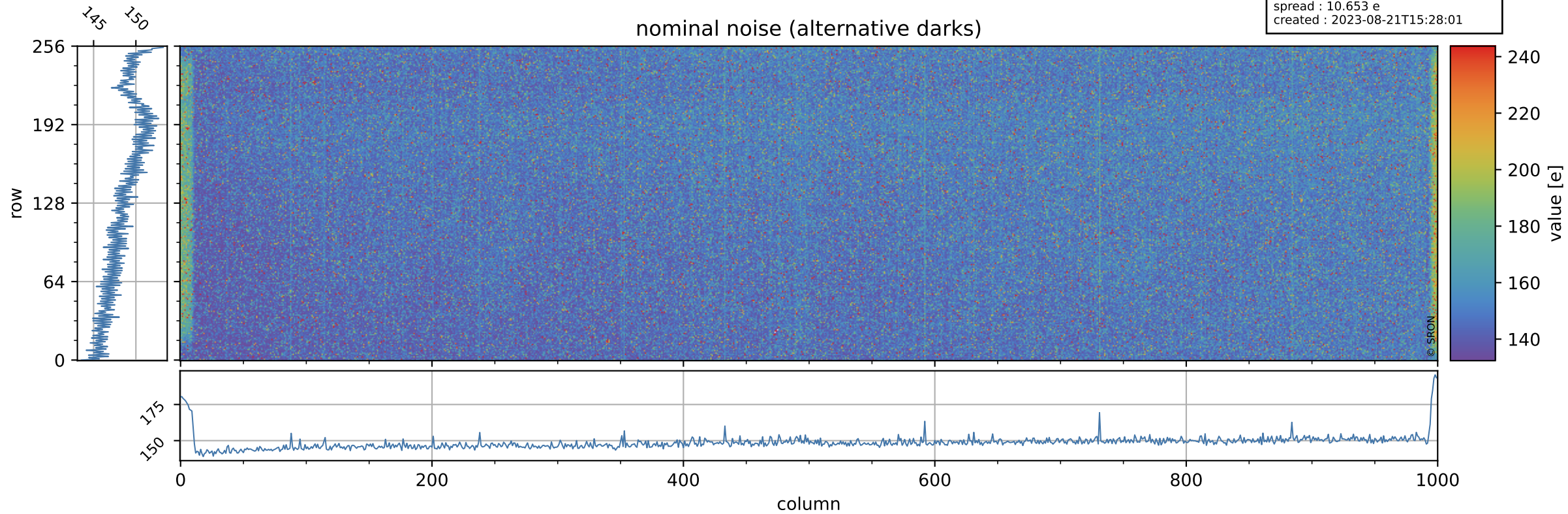


Tropomi SWIR background noise (swir)

orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.653 e
created : 2023-08-21T15:28:01

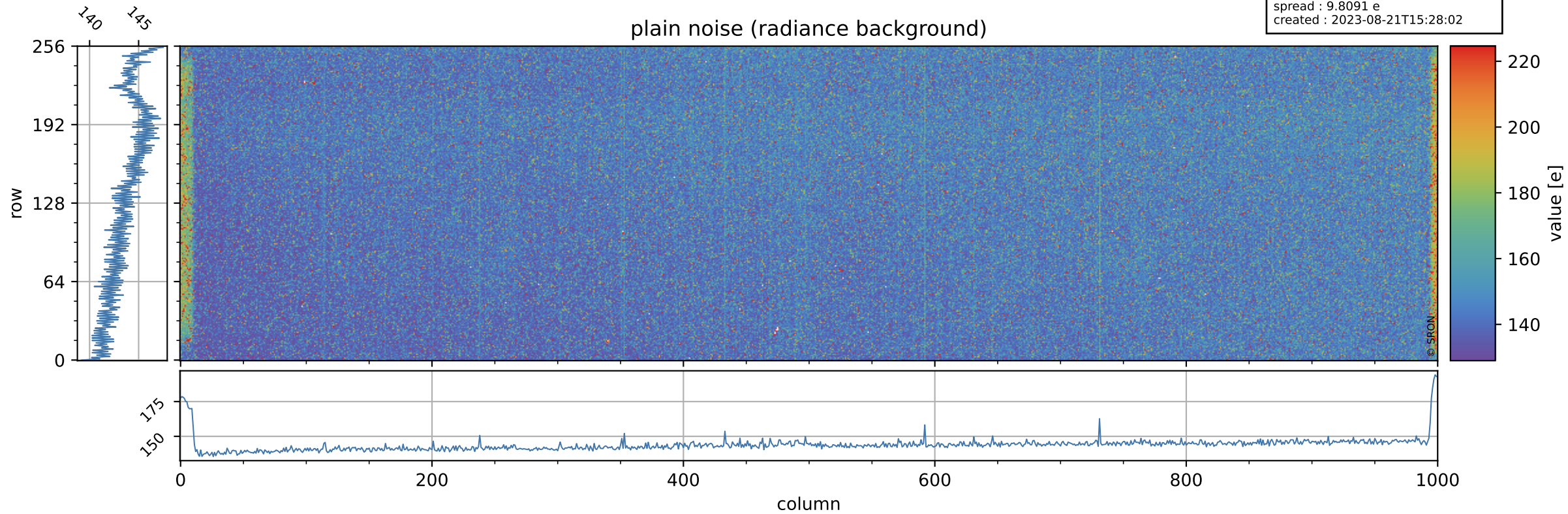
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.8091 e
created : 2023-08-21T15:28:02

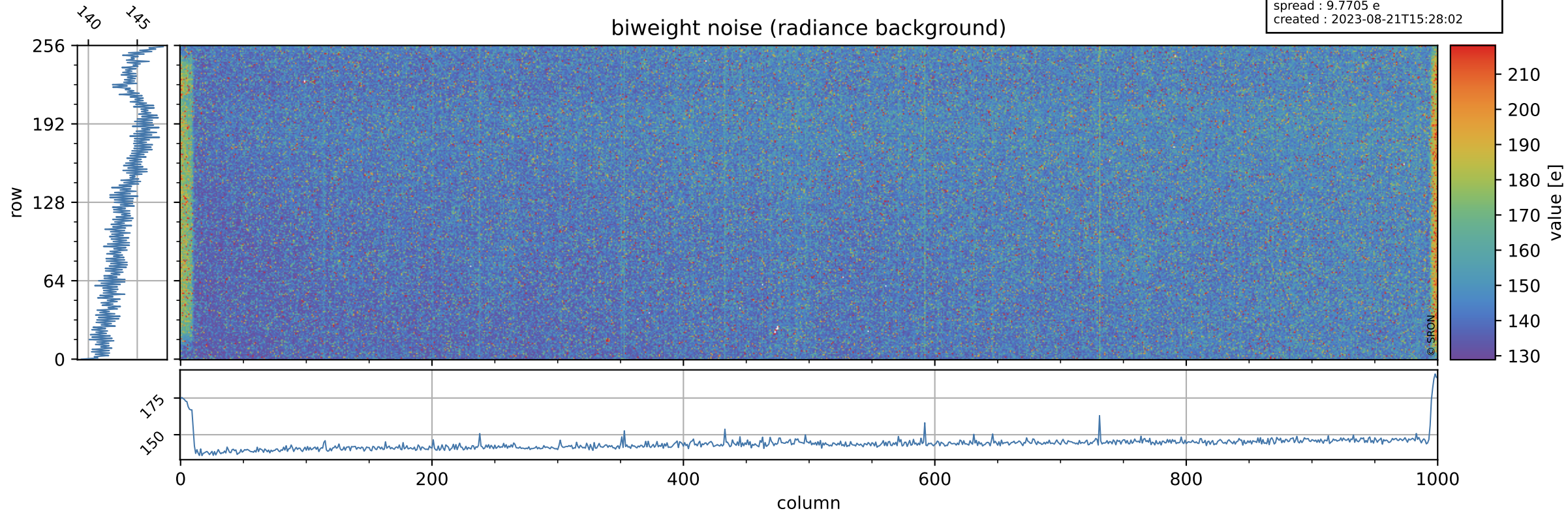
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.7705 e
created : 2023-08-21T15:28:02

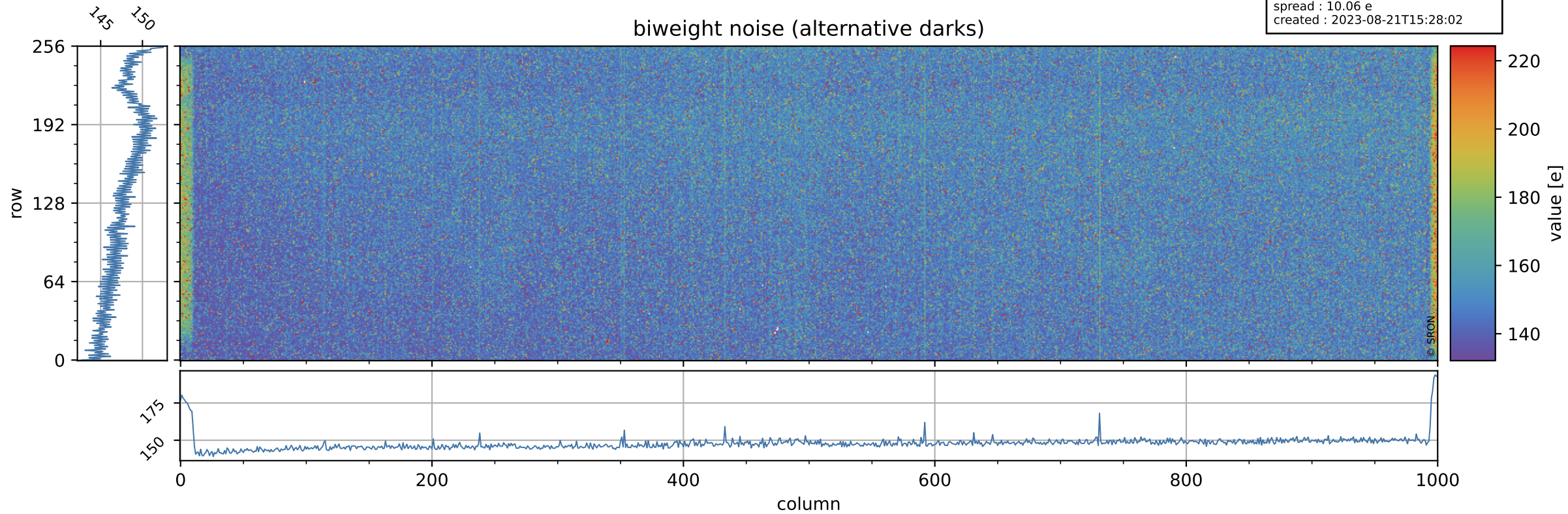
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.06 e
created : 2023-08-21T15:28:02

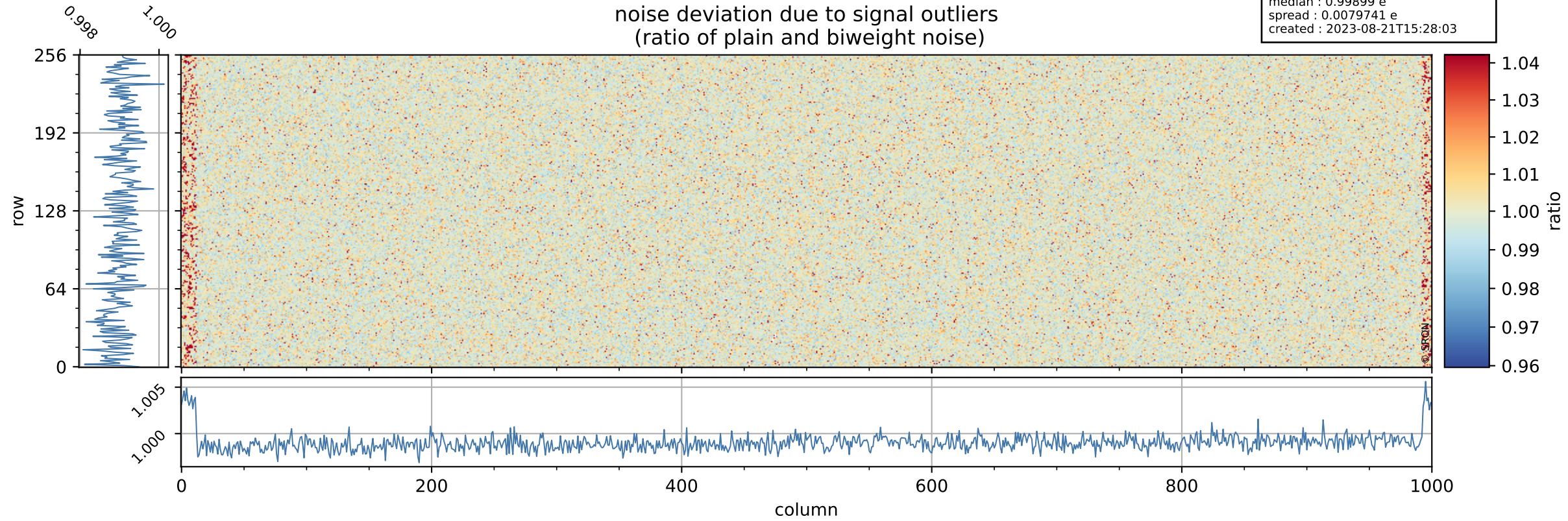
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

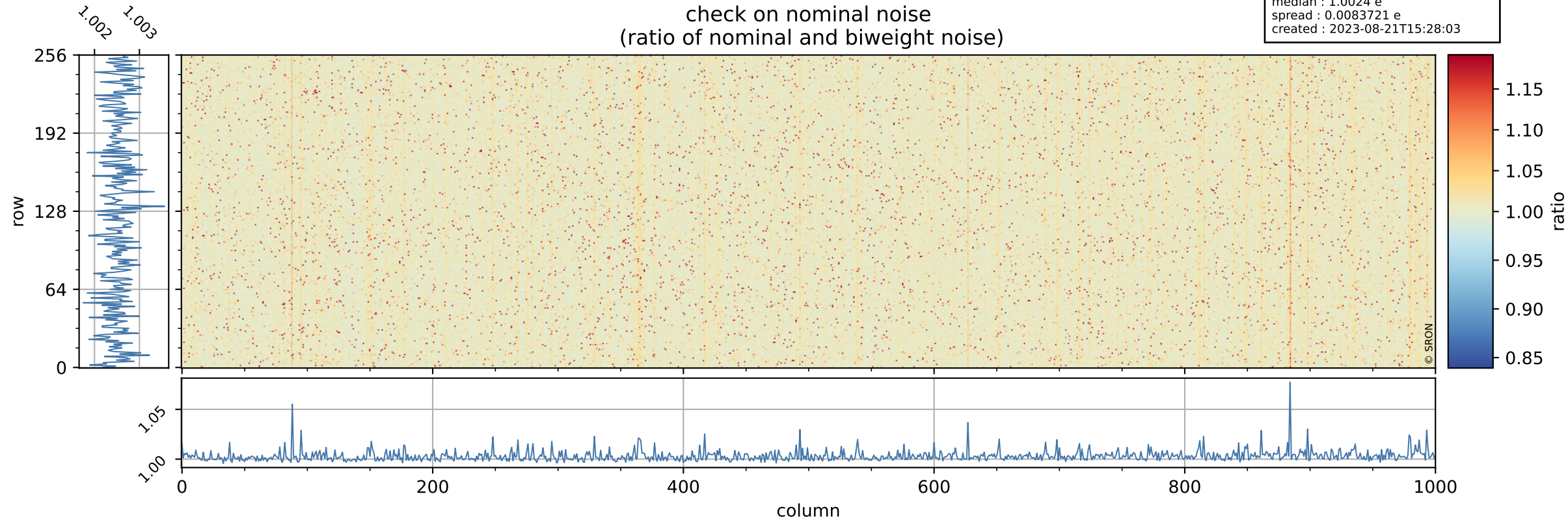
orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
median : 0.99899 e
spread : 0.0079741 e
created : 2023-08-21T15:28:03



Tropomi SWIR background noise (swir)

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

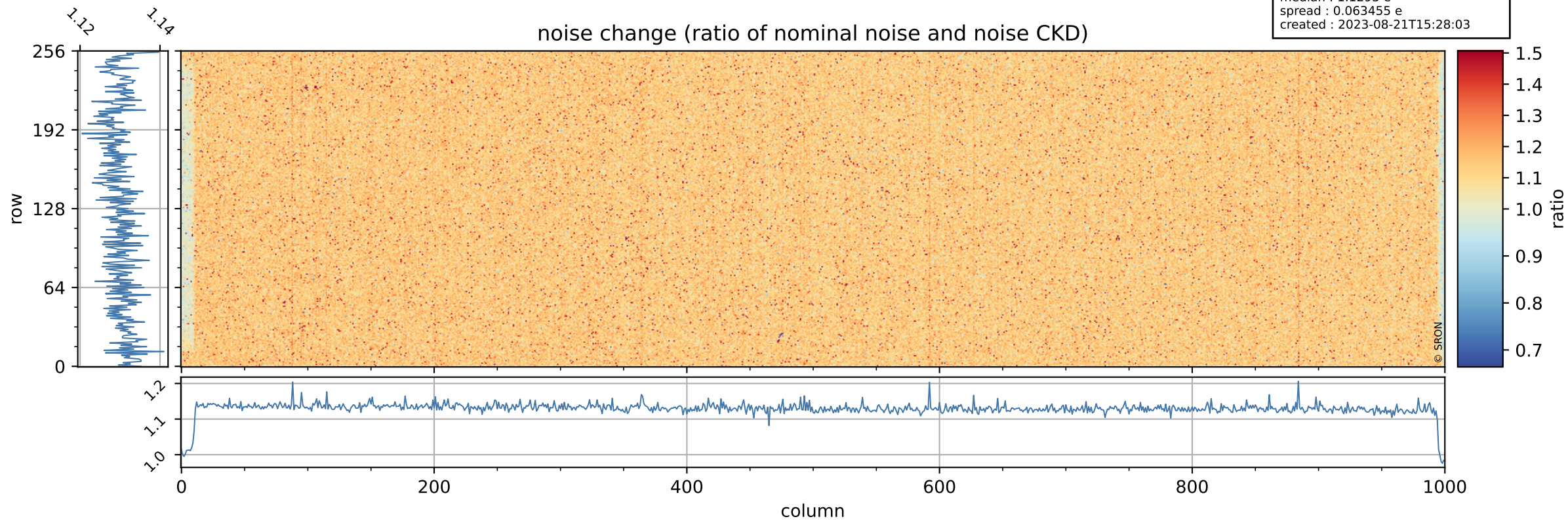
orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
median : 1.0024 e
spread : 0.0083721 e
created : 2023-08-21T15:28:03



Tropomi SWIR background noise (swir)

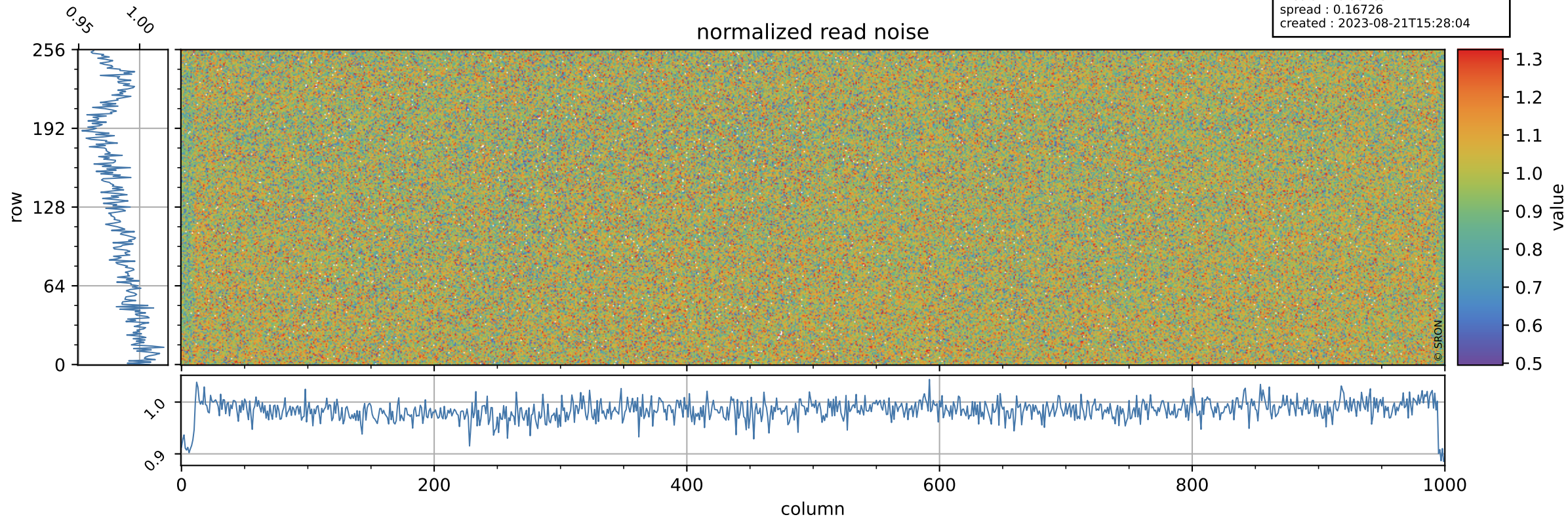
orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
median : 1.1293 e
spread : 0.063455 e
created : 2023-08-21T15:28:03

noise change (ratio of nominal noise and noise CKD)



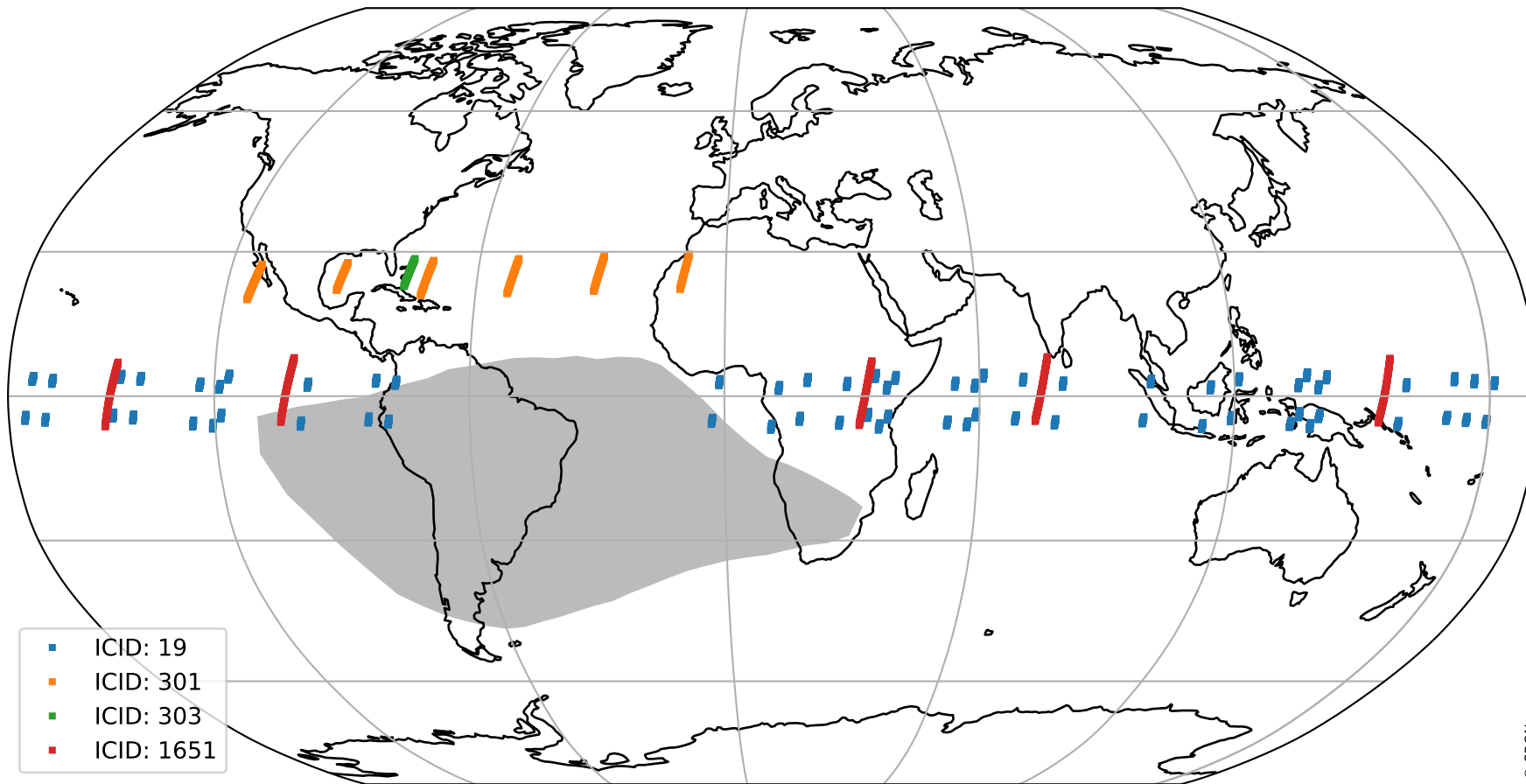
Tropomi SWIR background noise (swir)

orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
median : 0.98263
spread : 0.16726
created : 2023-08-21T15:28:04



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

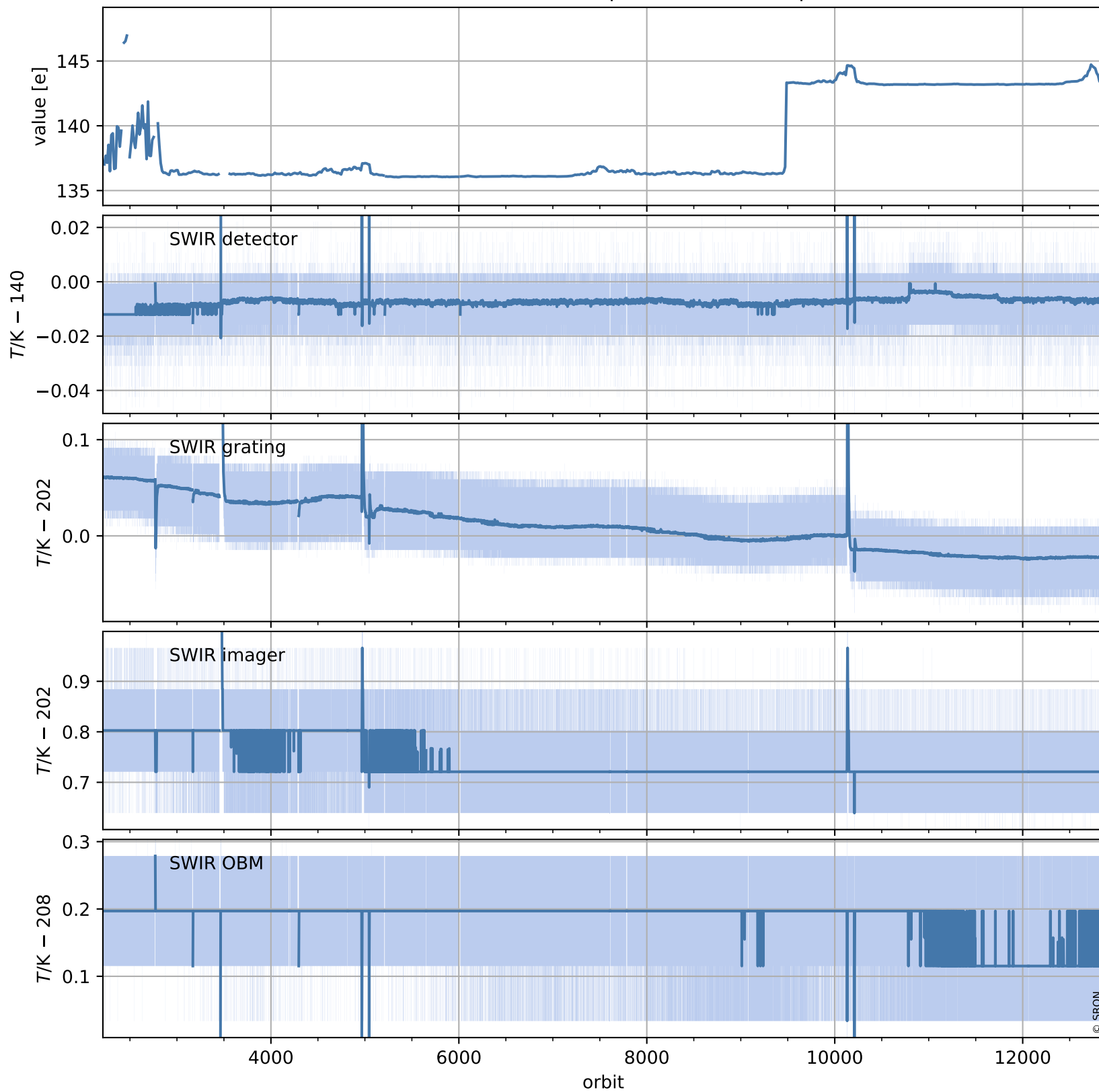
orbits : 12 in [12772, 12862]
coverage : 2020-04-01 / 2020-04-06
created : 2023-08-21T15:28:04



Tropomi SWIR background noise (swir)

orbits : [2212, 12862]
coverage : 2018-03-18 / 2020-04-06
created : 2023-08-21T15:28:04

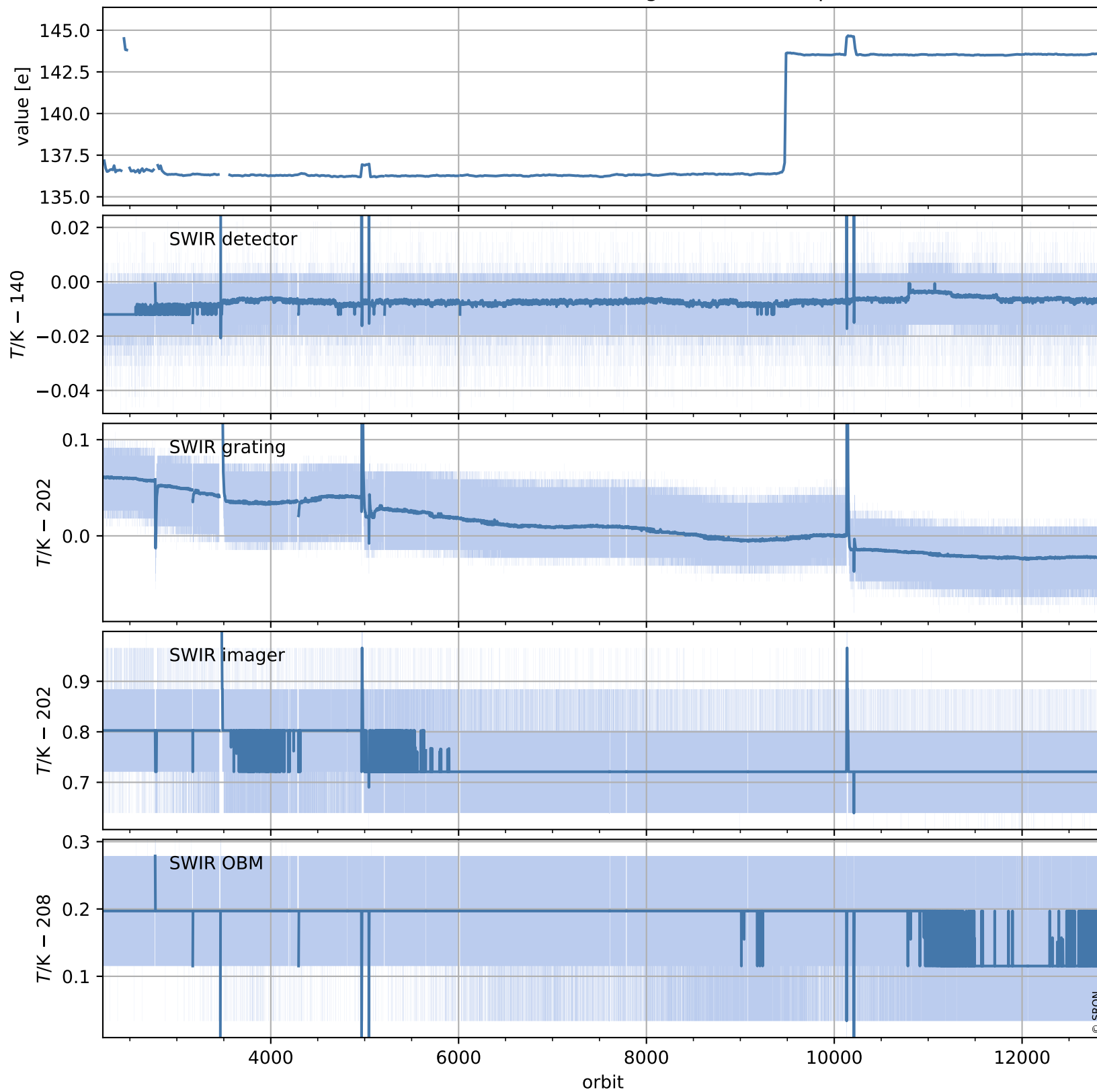
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12862]
coverage : 2018-03-18 / 2020-04-06
created : 2023-08-21T15:28:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12862]
coverage : 2018-03-18 / 2020-04-06
created : 2023-08-21T15:28:05

trend of normalized read-noise & temperatures

