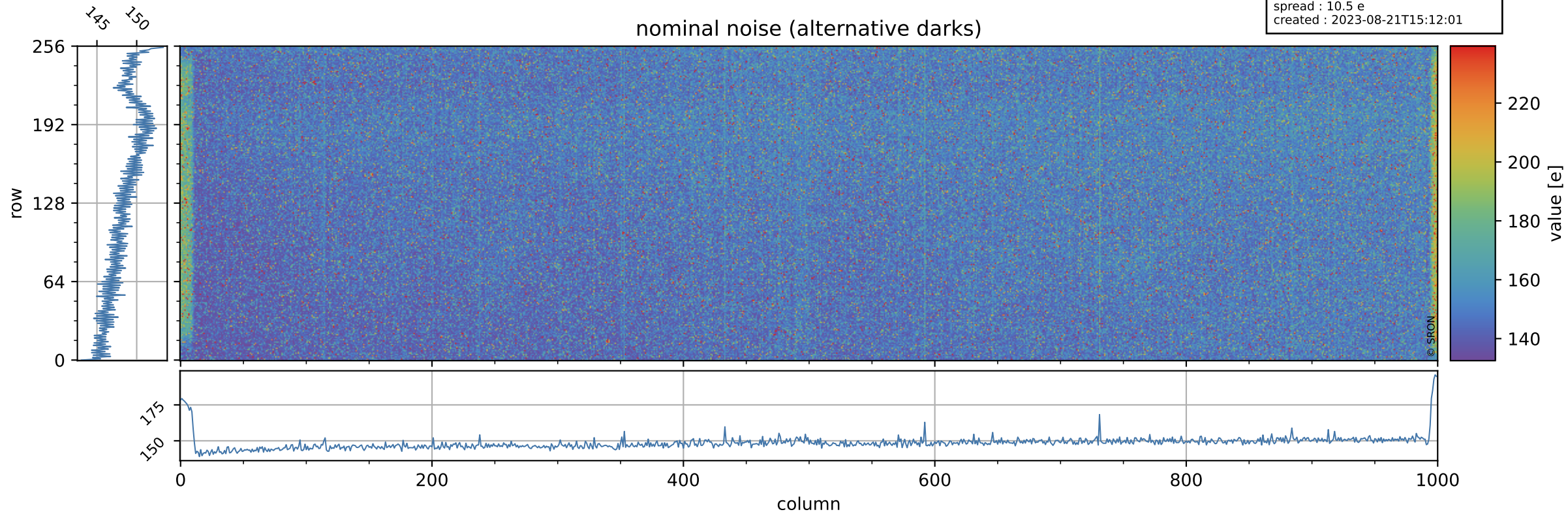


Tropomi SWIR background noise (swir)

orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.5 e
created : 2023-08-21T15:12:01

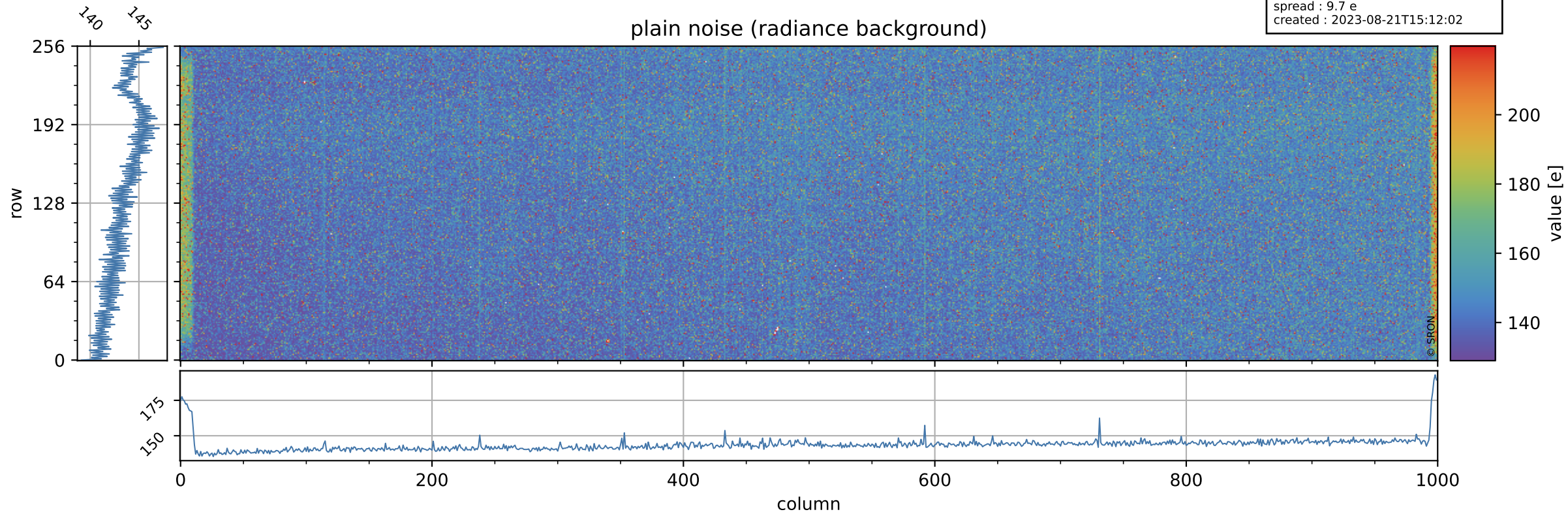
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.7 e
created : 2023-08-21T15:12:02

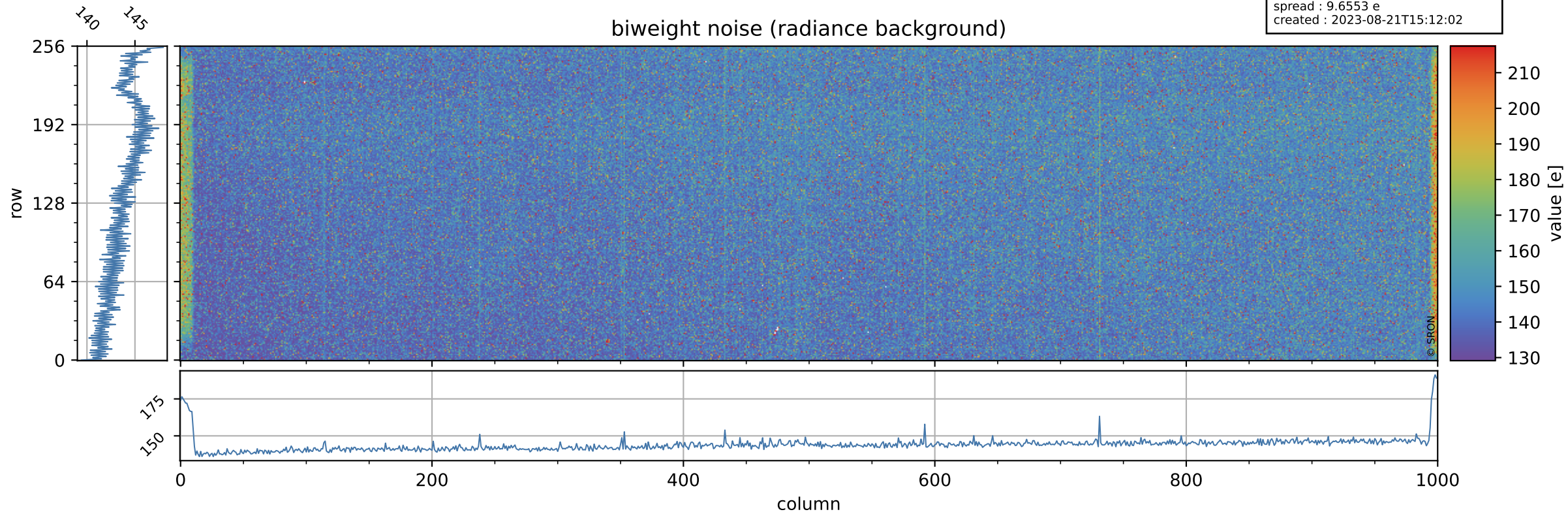
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.6553 e
created : 2023-08-21T15:12:02

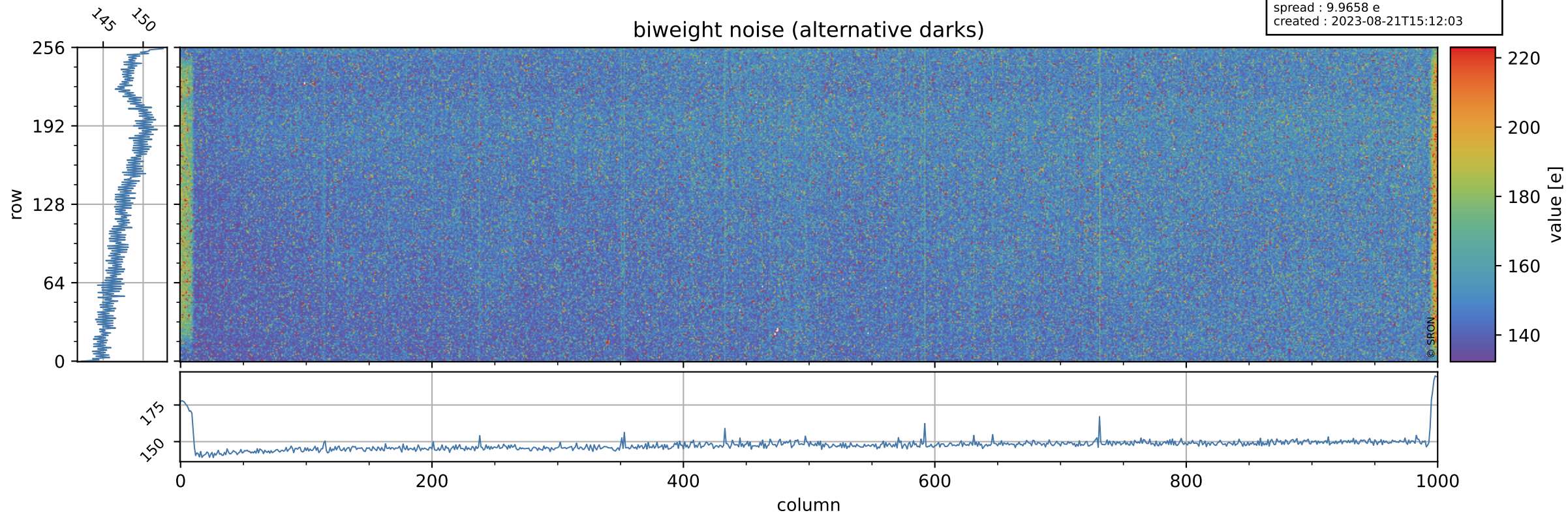
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 9.9658 e
created : 2023-08-21T15:12:03

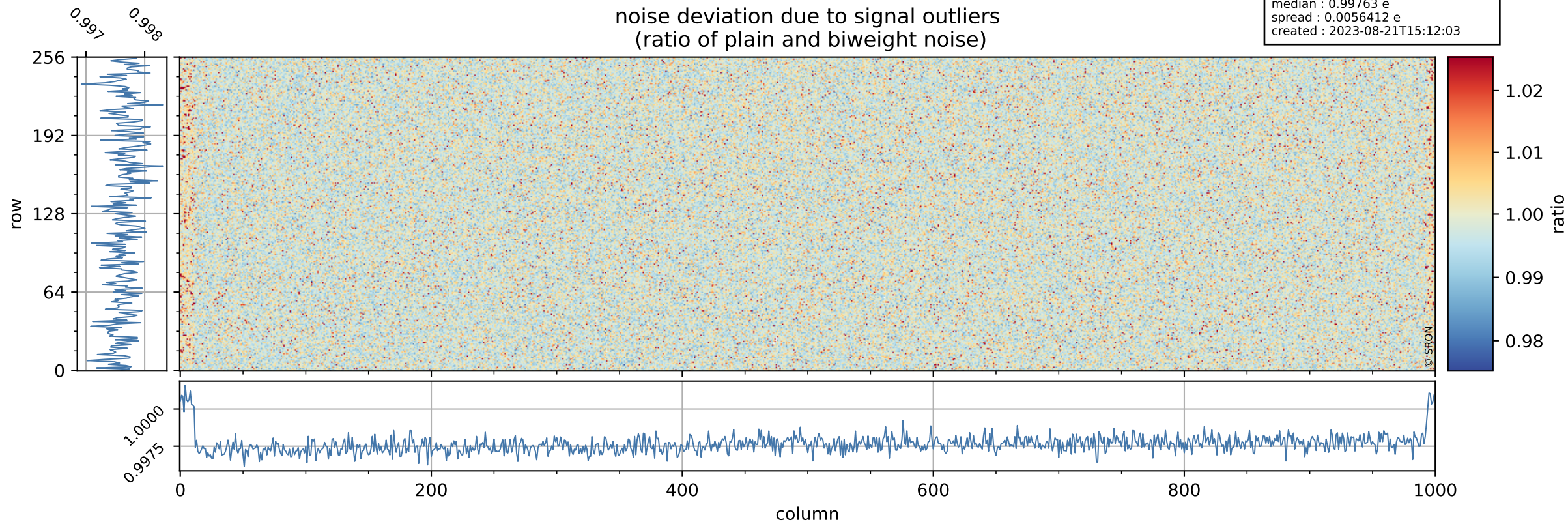
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

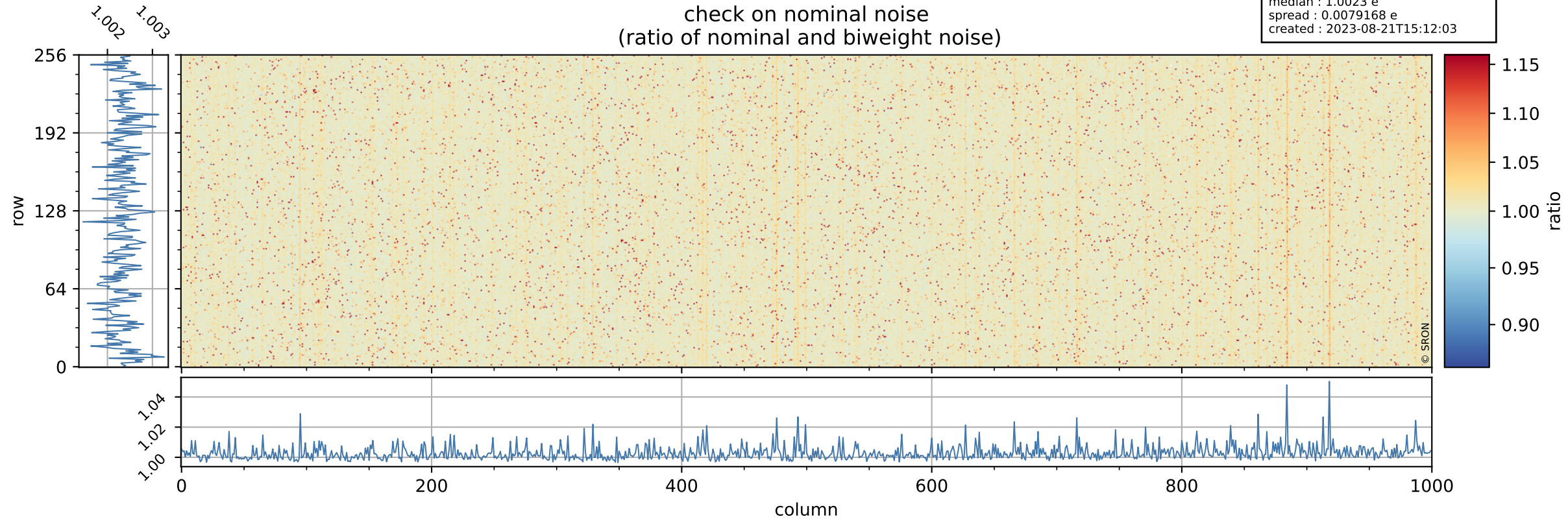
orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
median : 0.99763 e
spread : 0.0056412 e
created : 2023-08-21T15:12:03



Tropomi SWIR background noise (swir)

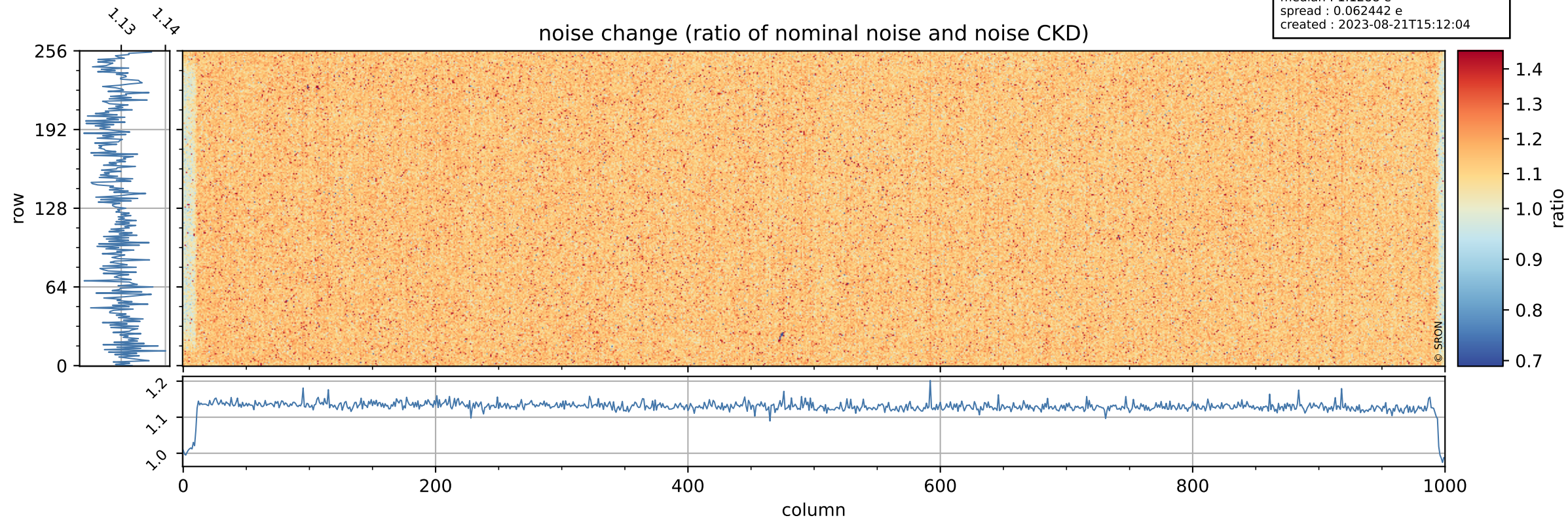
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
median : 1.0023 e
spread : 0.0079168 e
created : 2023-08-21T15:12:03



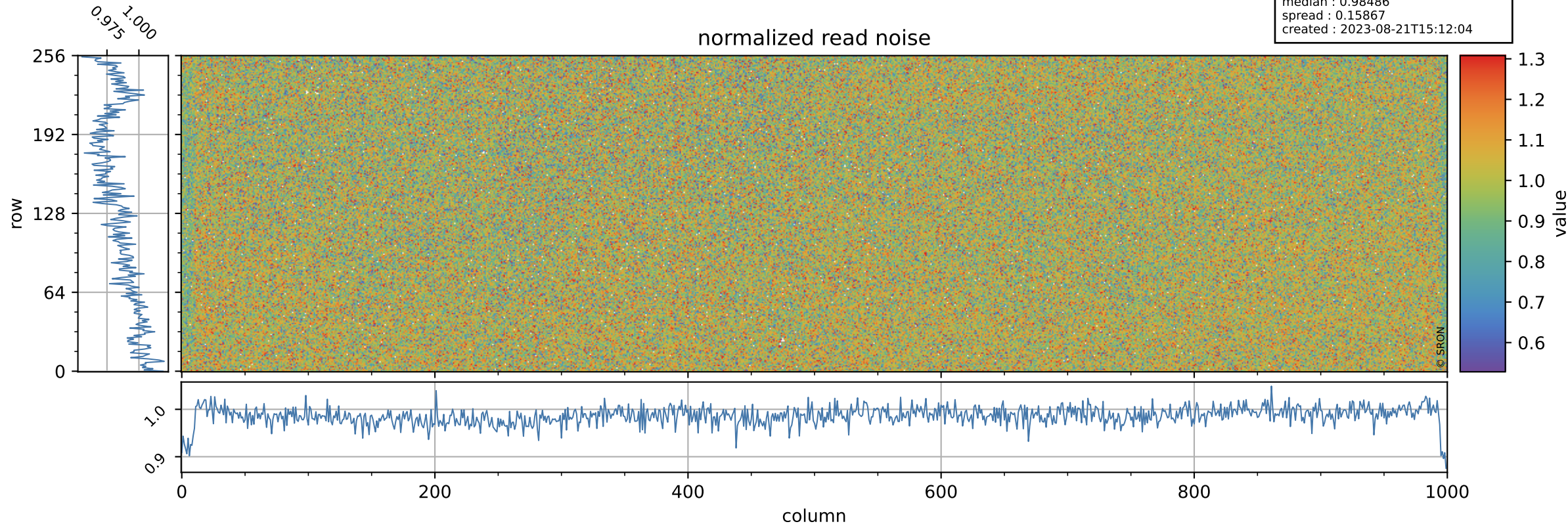
Tropomi SWIR background noise (swir)

orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
median : 1.1288 e
spread : 0.062442 e
created : 2023-08-21T15:12:04



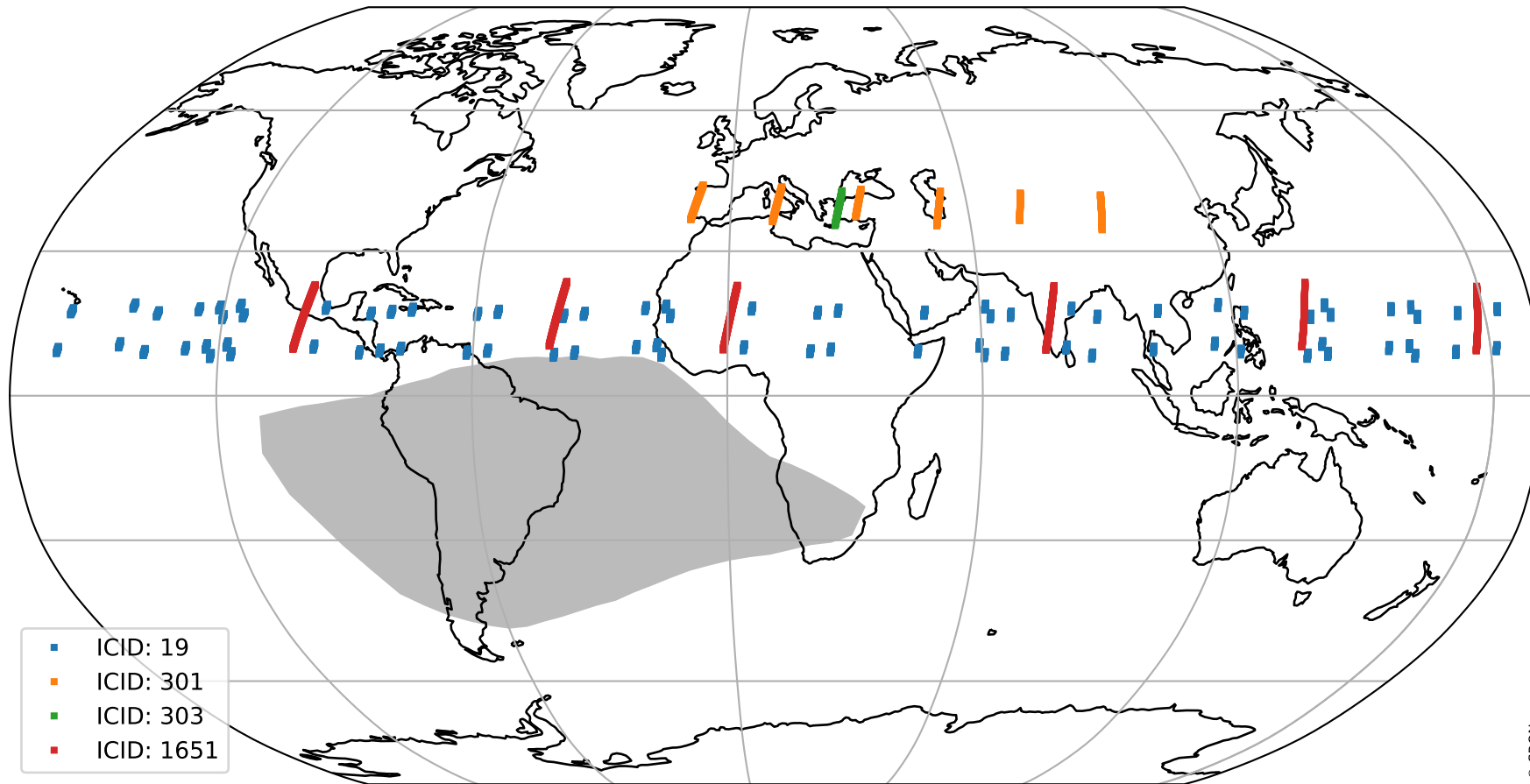
Tropomi SWIR background noise (swir)

orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
median : 0.98486
spread : 0.15867
created : 2023-08-21T15:12:04



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

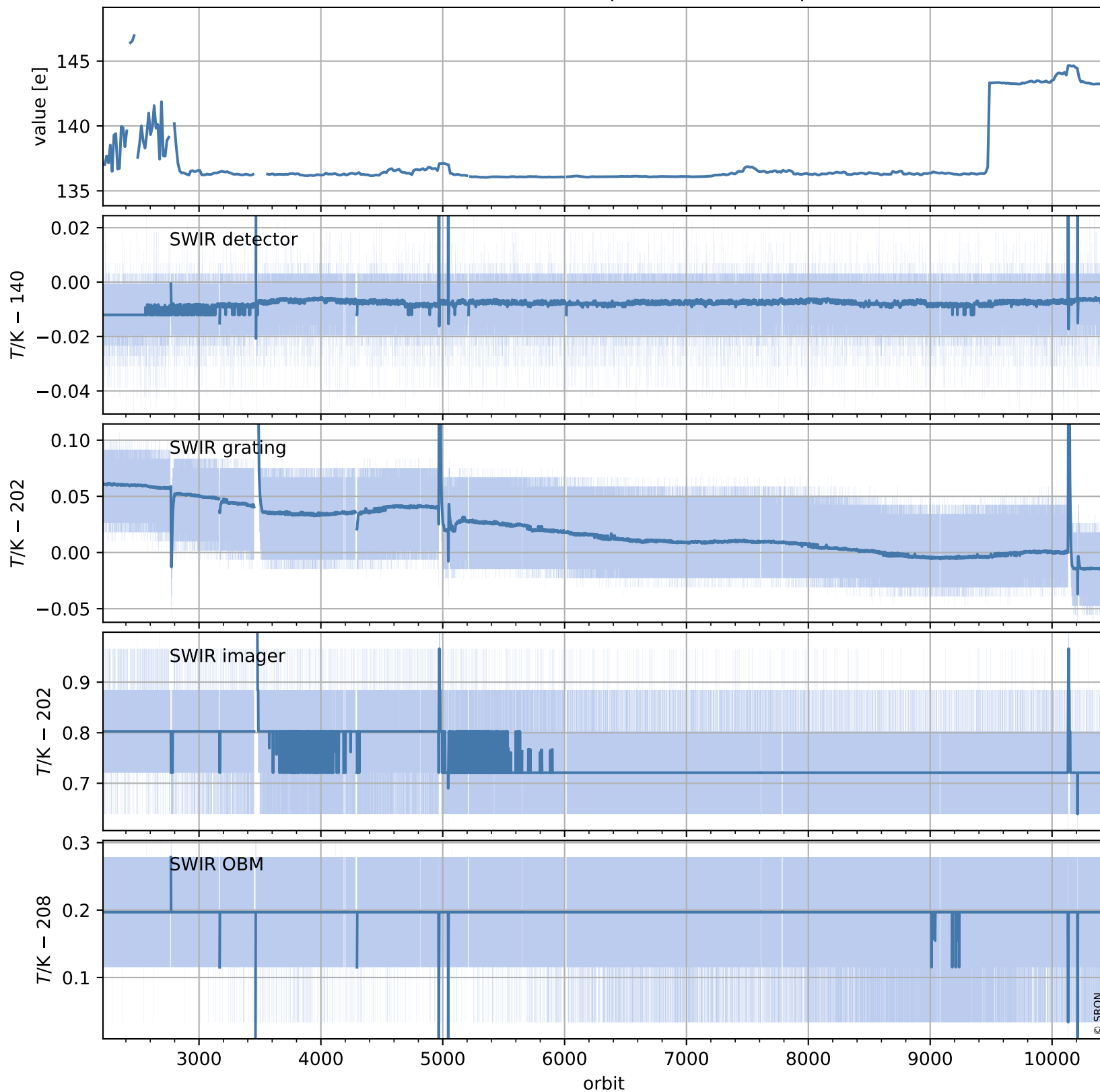
orbits : 13 in [10342, 10432]
coverage : 2019-10-12 / 2019-10-18
created : 2023-08-21T15:12:05



Tropomi SWIR background noise (swir)

orbits : [2212, 10432]
coverage : 2018-03-18 / 2019-10-18
created : 2023-08-21T15:12:05

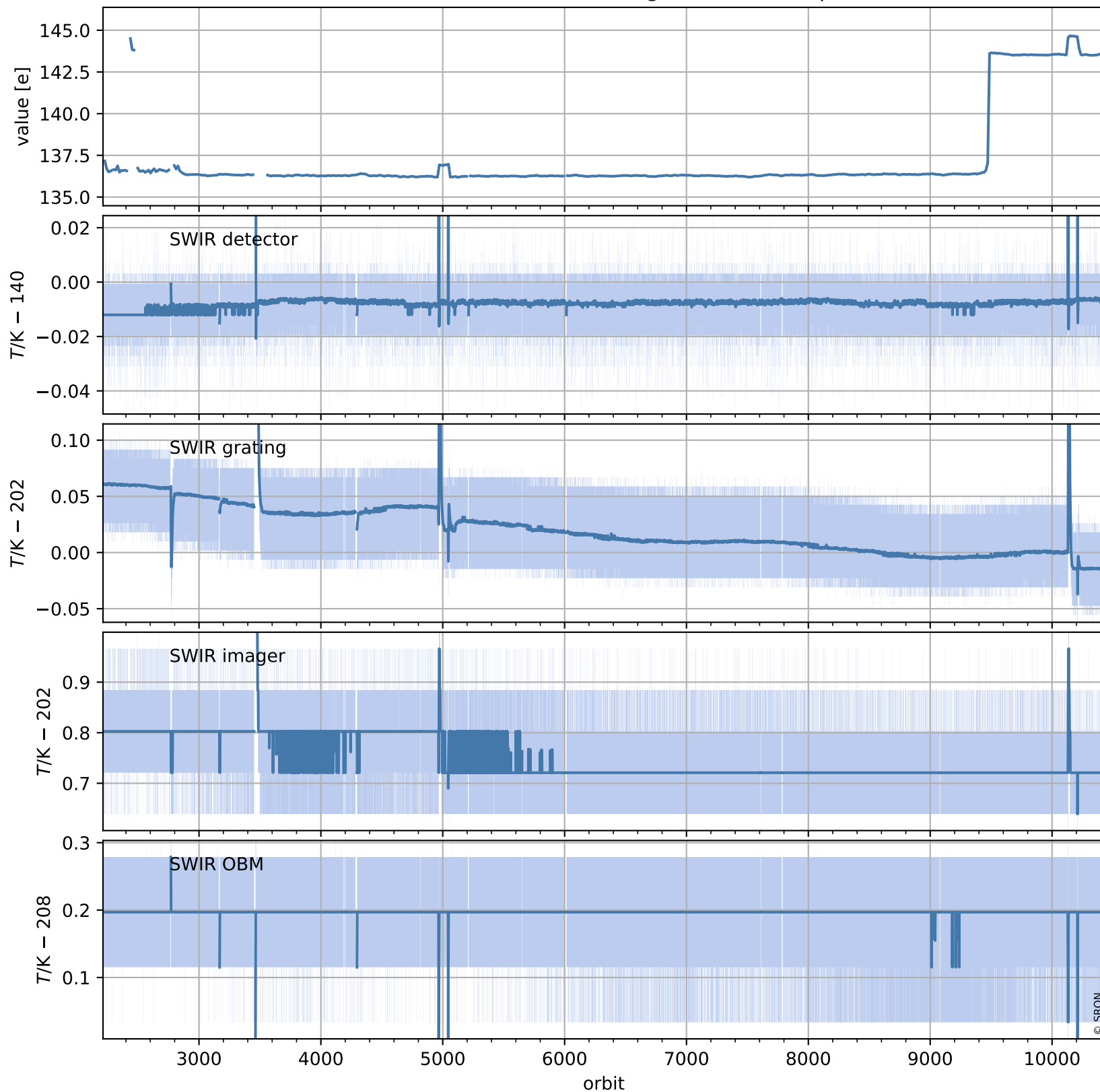
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10432]
coverage : 2018-03-18 / 2019-10-18
created : 2023-08-21T15:12:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10432]
coverage : 2018-03-18 / 2019-10-18
created : 2023-08-21T15:12:07

trend of normalized read-noise & temperatures

