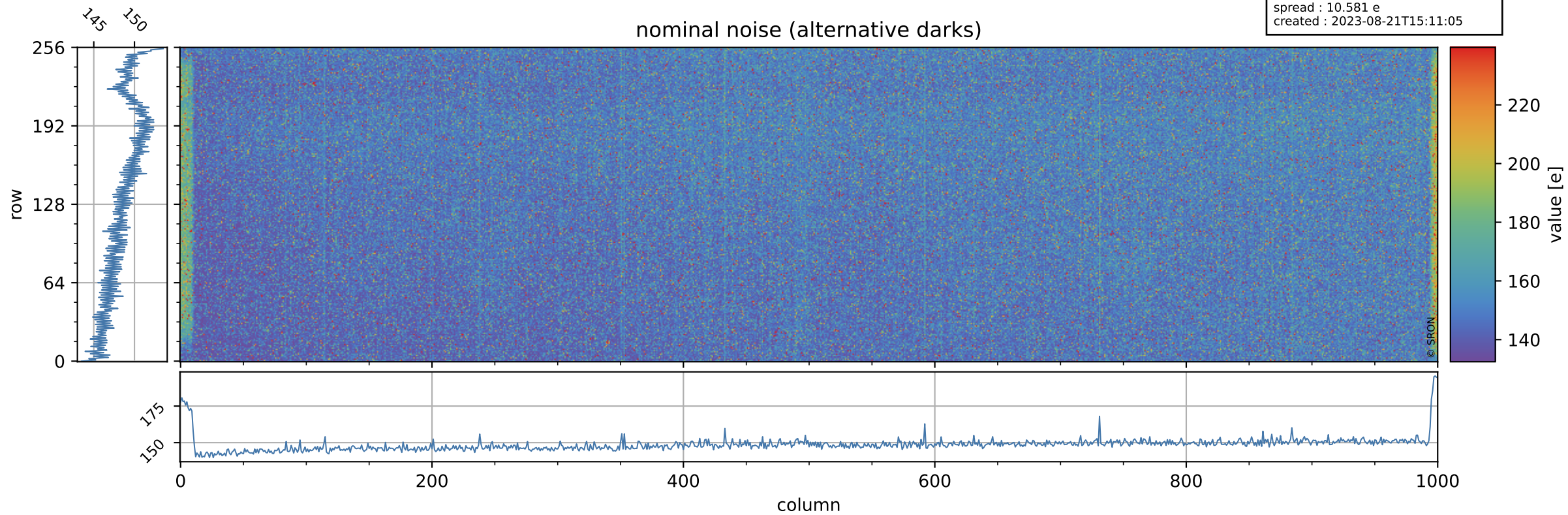


Tropomi SWIR background noise (swir)

orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.581 e
created : 2023-08-21T15:11:05

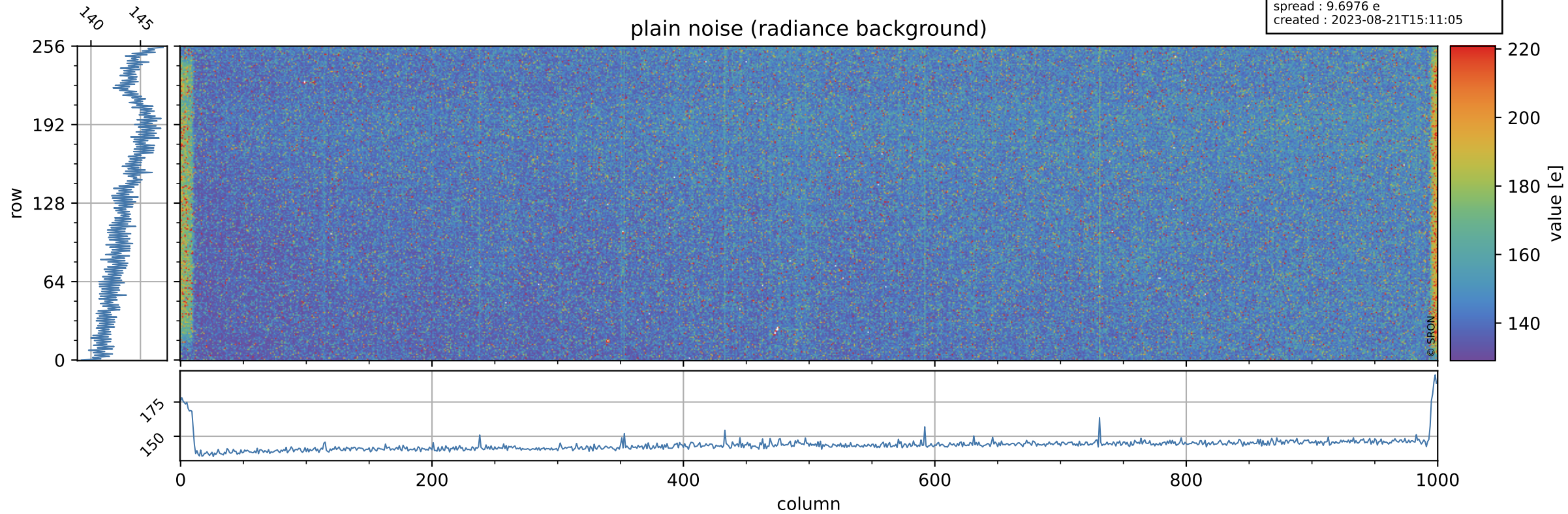
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.6976 e
created : 2023-08-21T15:11:05

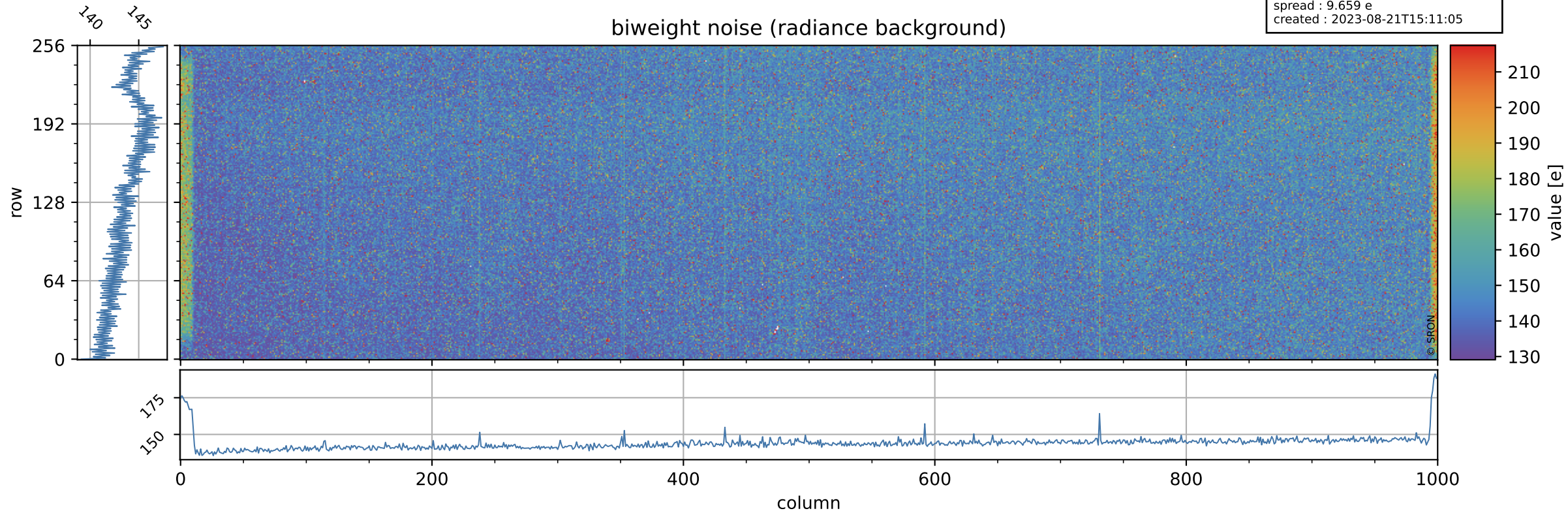
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.659 e
created : 2023-08-21T15:11:05

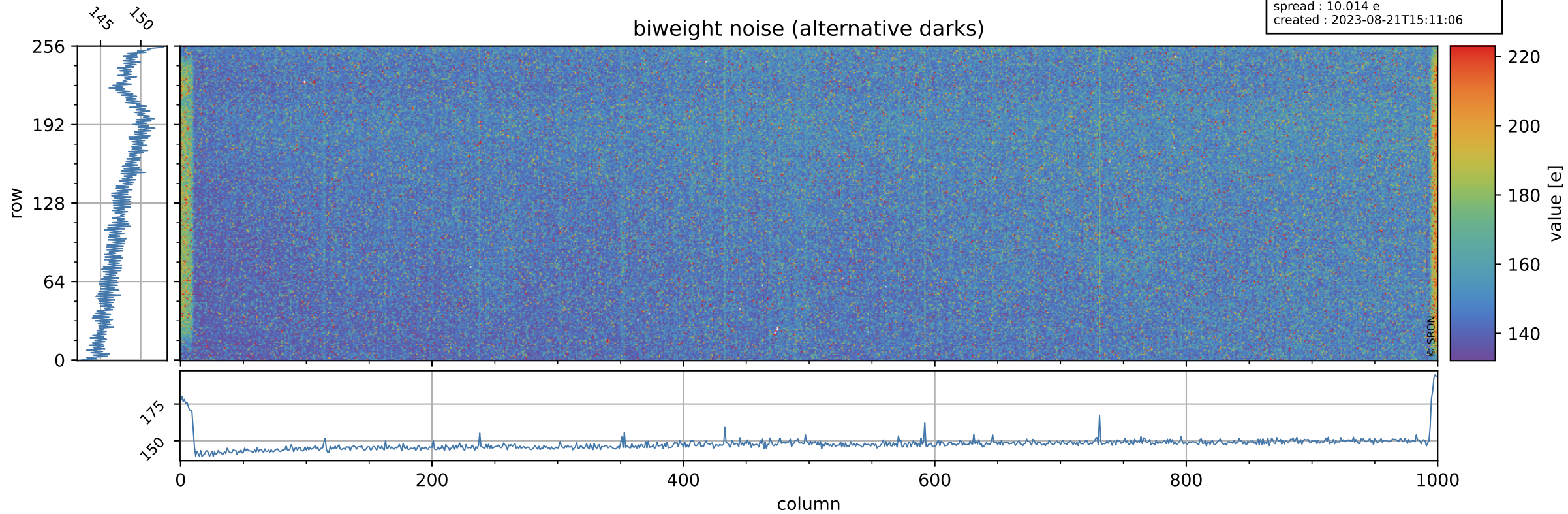
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.014 e
created : 2023-08-21T15:11:06

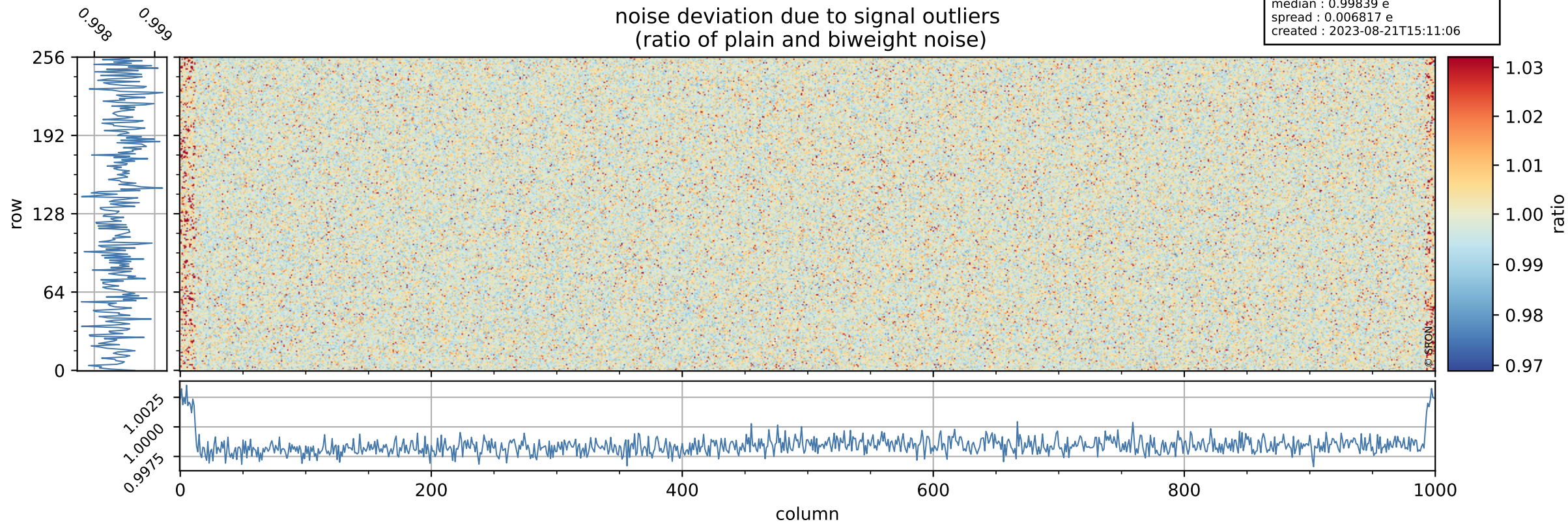
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

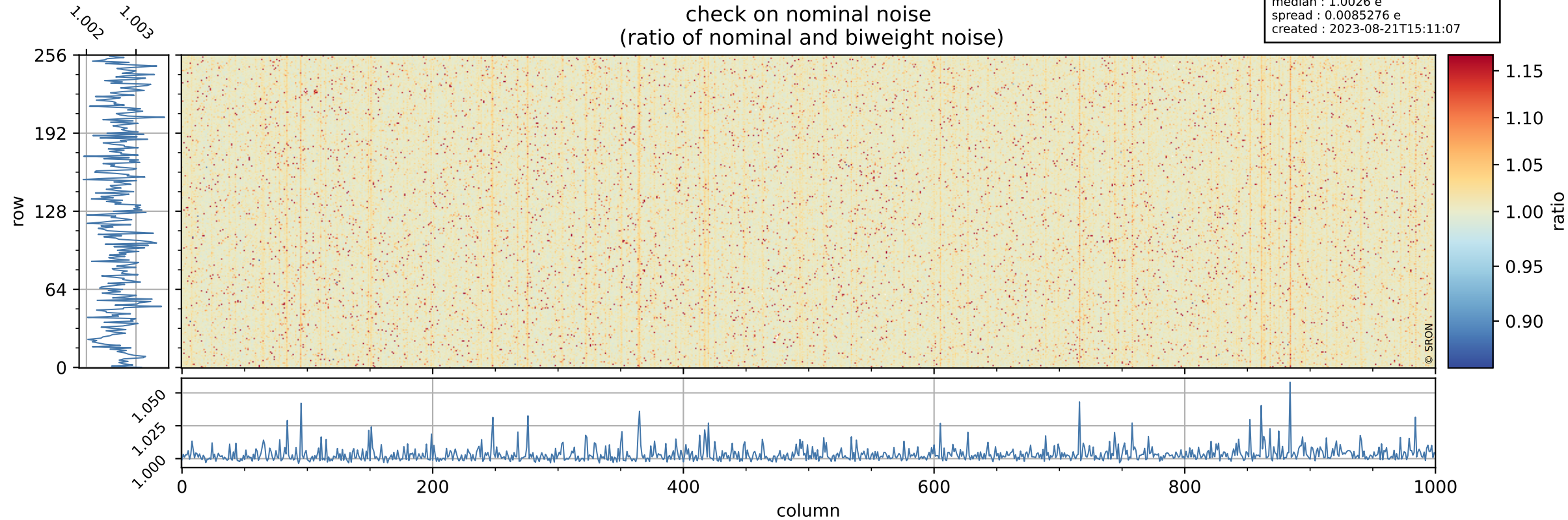
orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
median : 0.99839 e
spread : 0.006817 e
created : 2023-08-21T15:11:06



Tropomi SWIR background noise (swir)

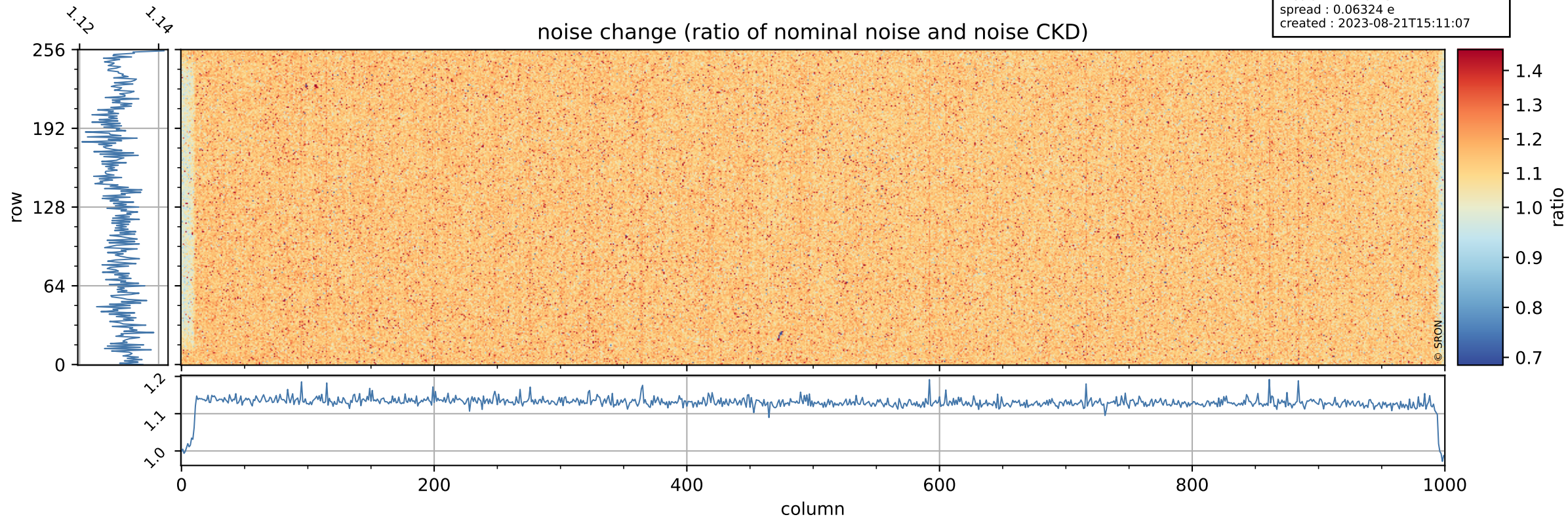
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
median : 1.0026 e
spread : 0.0085276 e
created : 2023-08-21T15:11:07



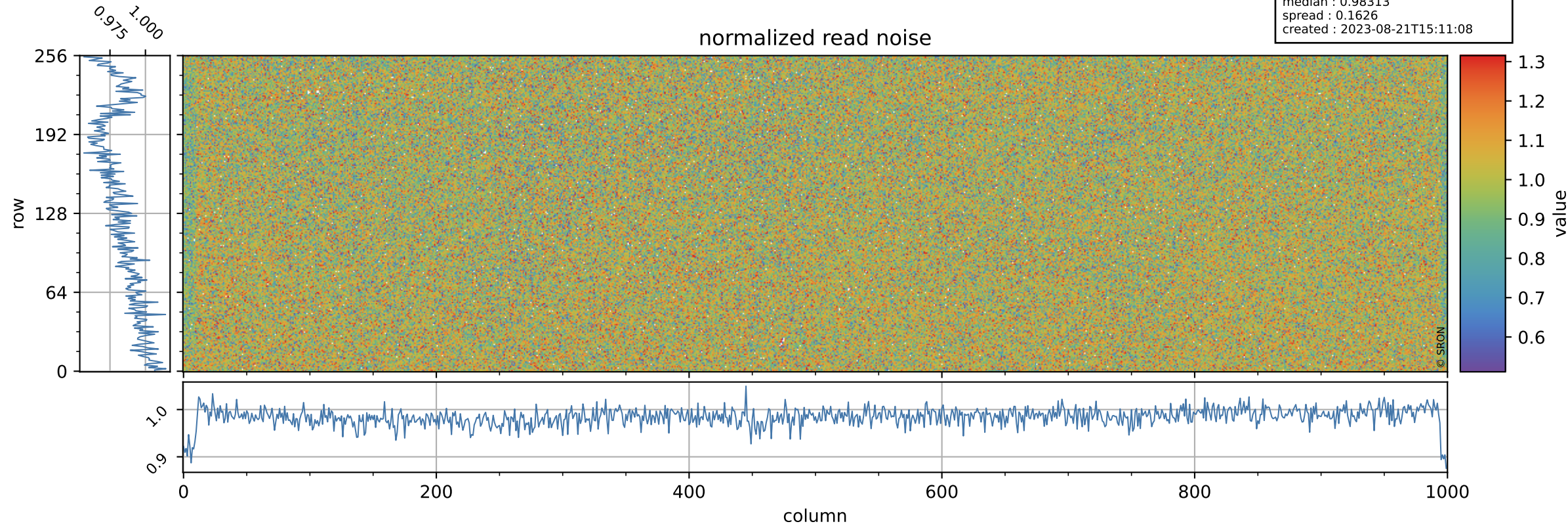
Tropomi SWIR background noise (swir)

orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
median : 1.1294 e
spread : 0.06324 e
created : 2023-08-21T15:11:07



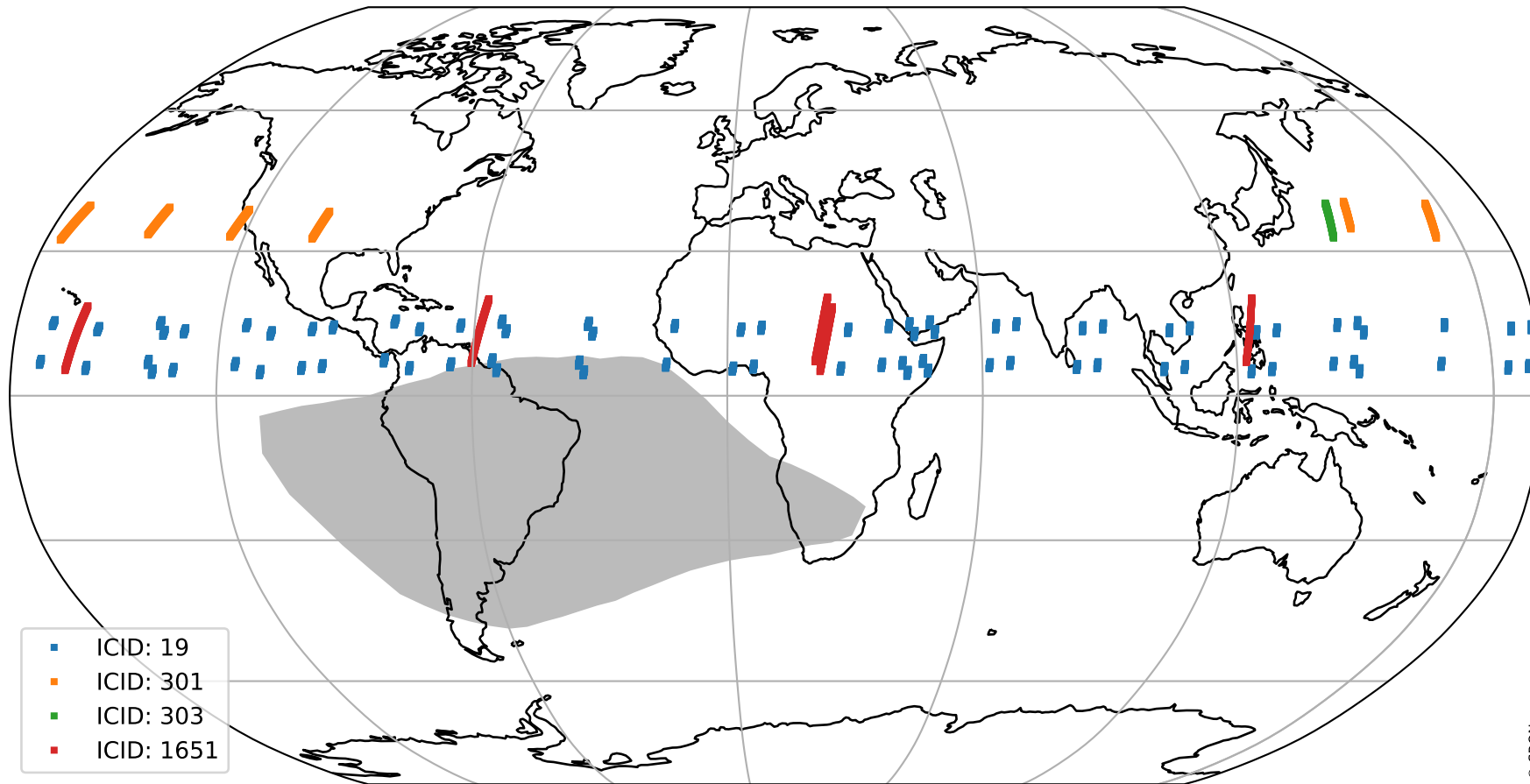
Tropomi SWIR background noise (swir)

orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
median : 0.98313
spread : 0.1626
created : 2023-08-21T15:11:08



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

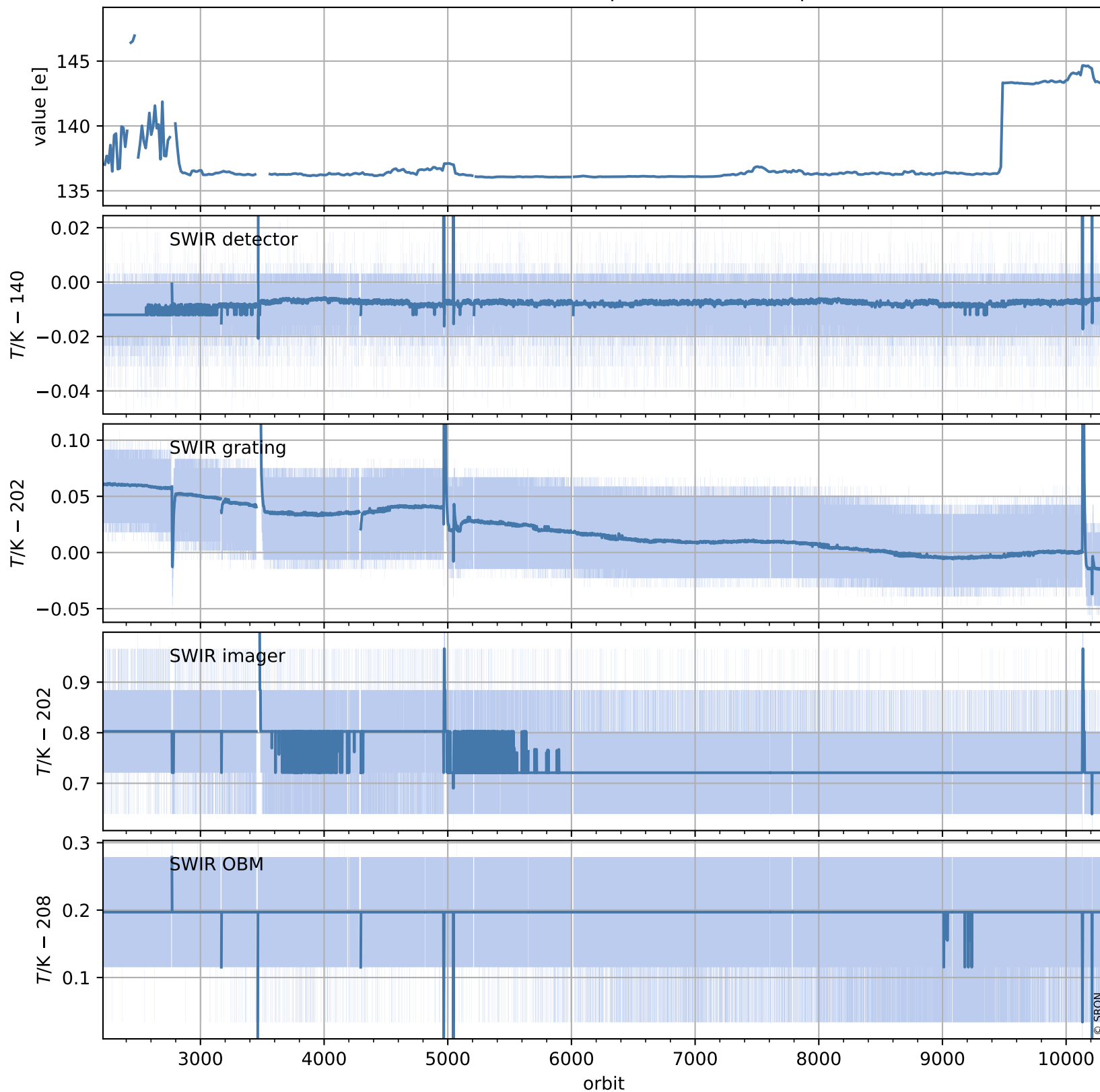
orbits : 12 in [10222, 10312]
coverage : 2019-10-04 / 2019-10-10
created : 2023-08-21T15:11:08



Tropomi SWIR background noise (swir)

orbits : [2212, 10312]
coverage : 2018-03-18 / 2019-10-10
created : 2023-08-21T15:11:08

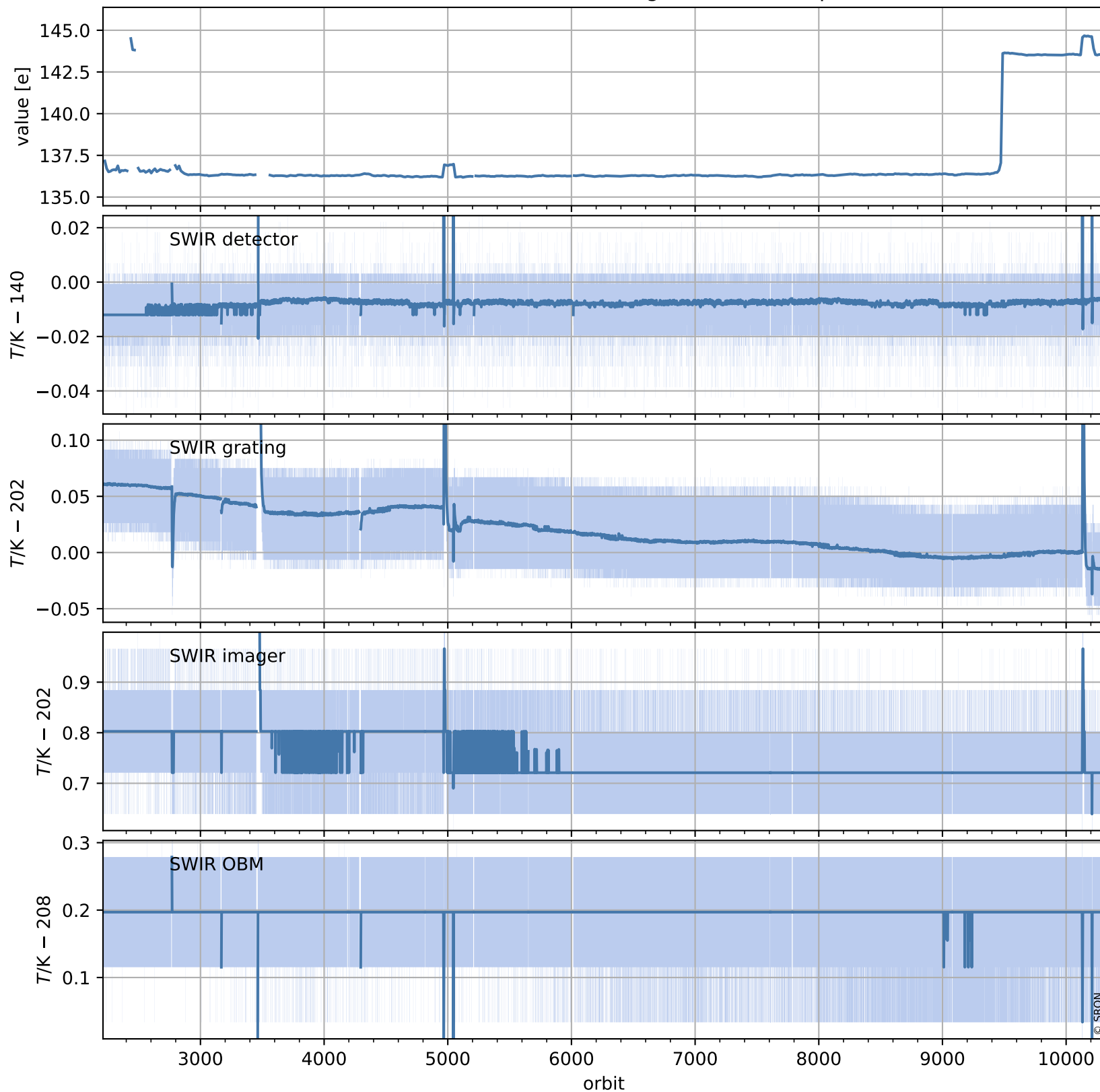
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10312]
coverage : 2018-03-18 / 2019-10-10
created : 2023-08-21T15:11:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10312]
coverage : 2018-03-18 / 2019-10-10
created : 2023-08-21T15:11:10

trend of normalized read-noise & temperatures

