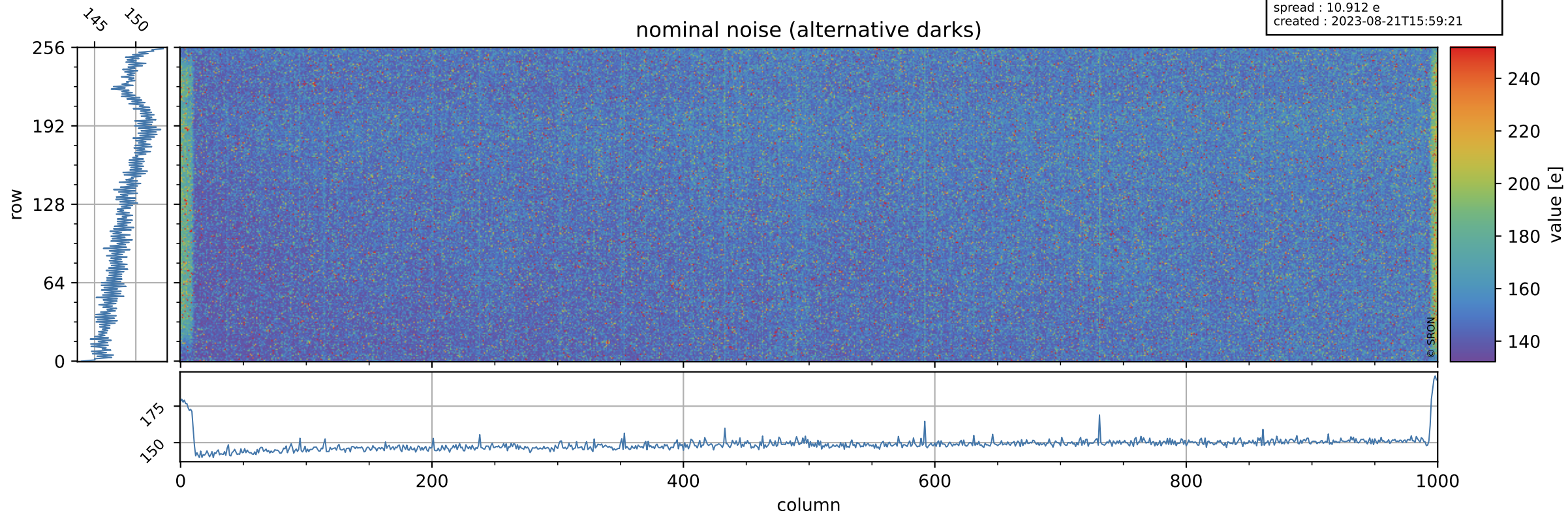


Tropomi SWIR background noise (swir)

orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.912 e
created : 2023-08-21T15:59:21

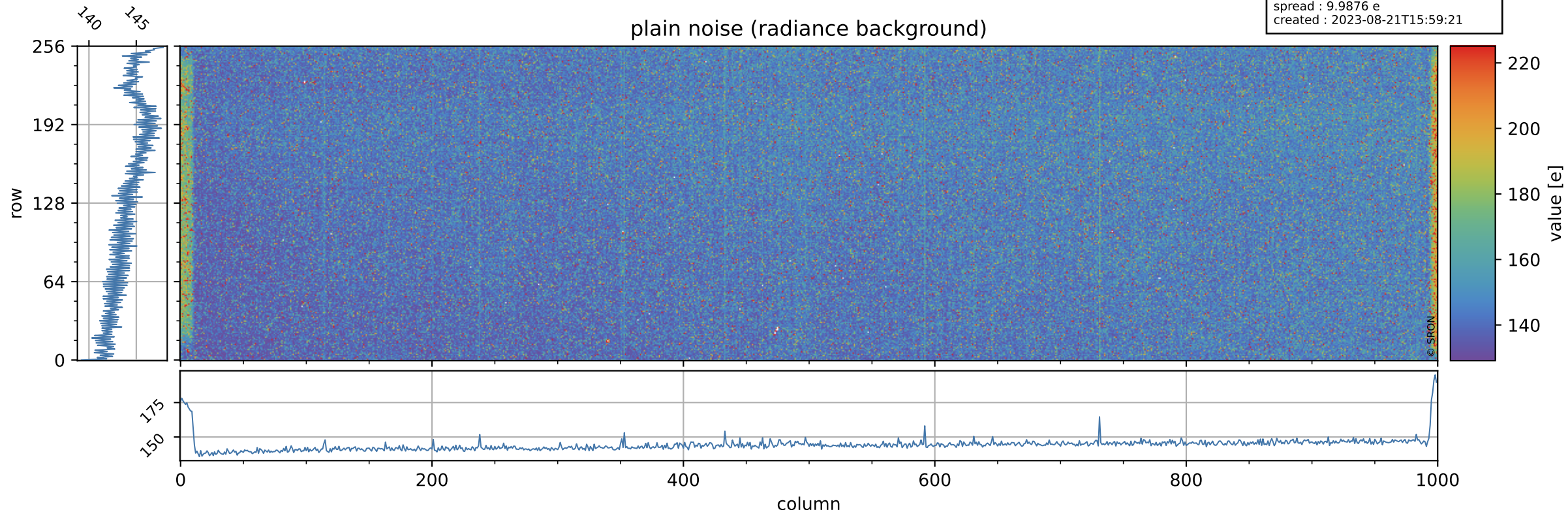
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
n_coad, t_exp : 1, 0.8383
median : 144.04 e
spread : 9.9876 e
created : 2023-08-21T15:59:21

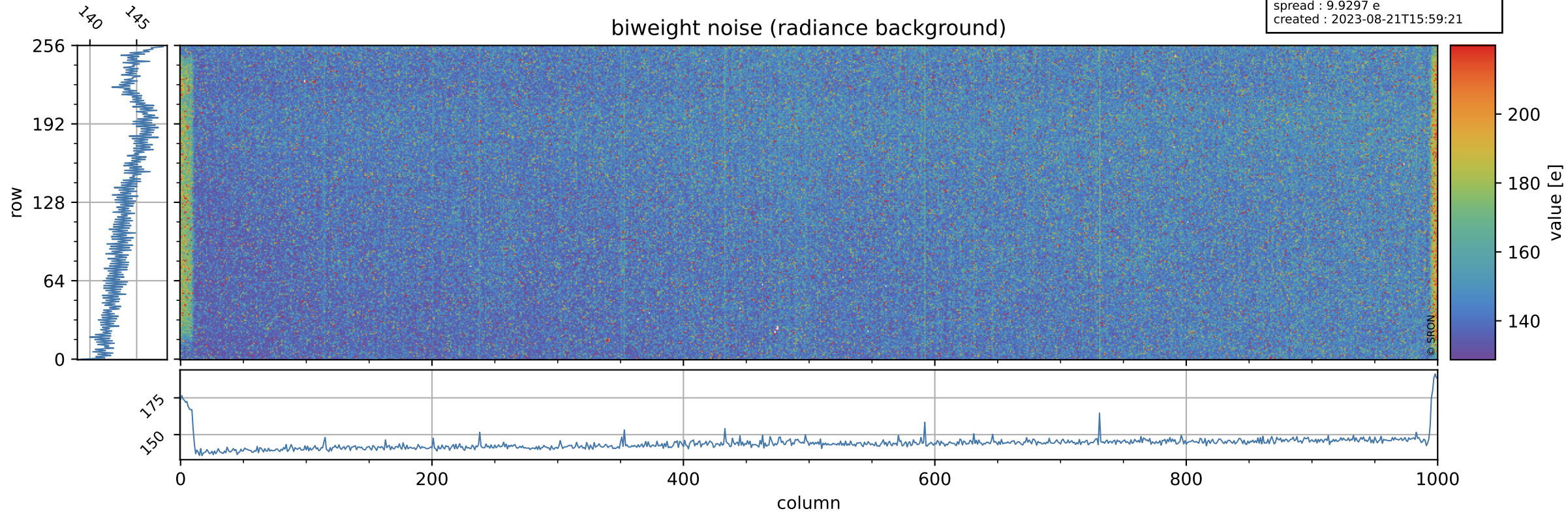
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9297 e
created : 2023-08-21T15:59:21

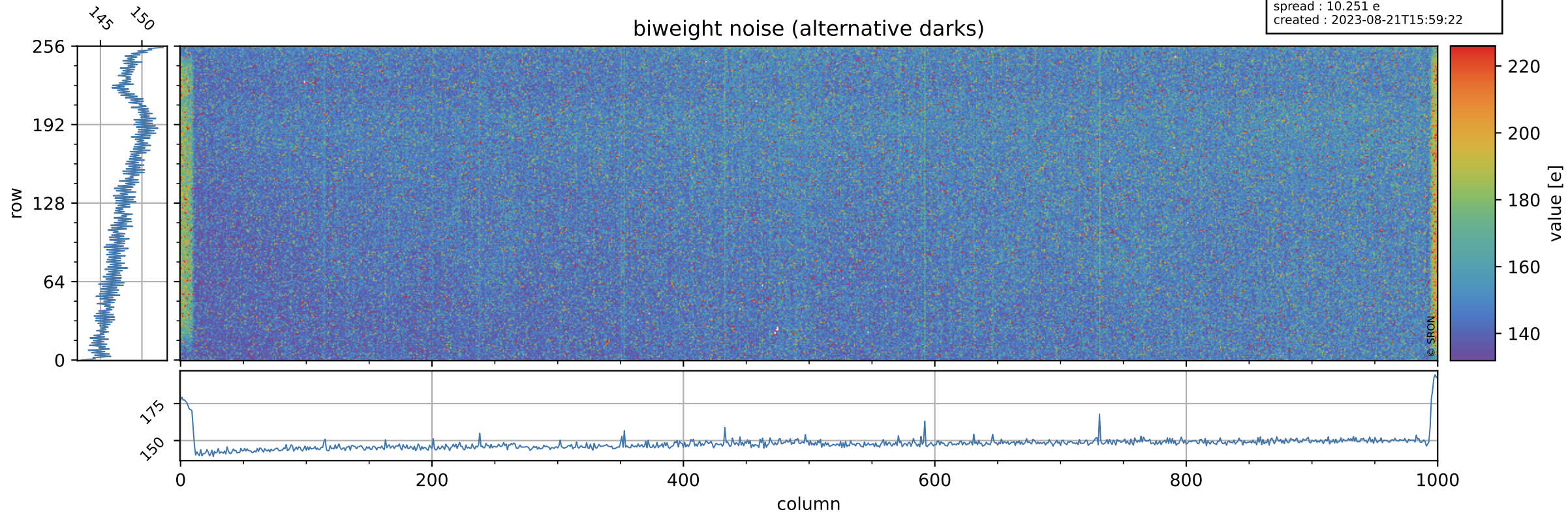
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.251 e
created : 2023-08-21T15:59:22

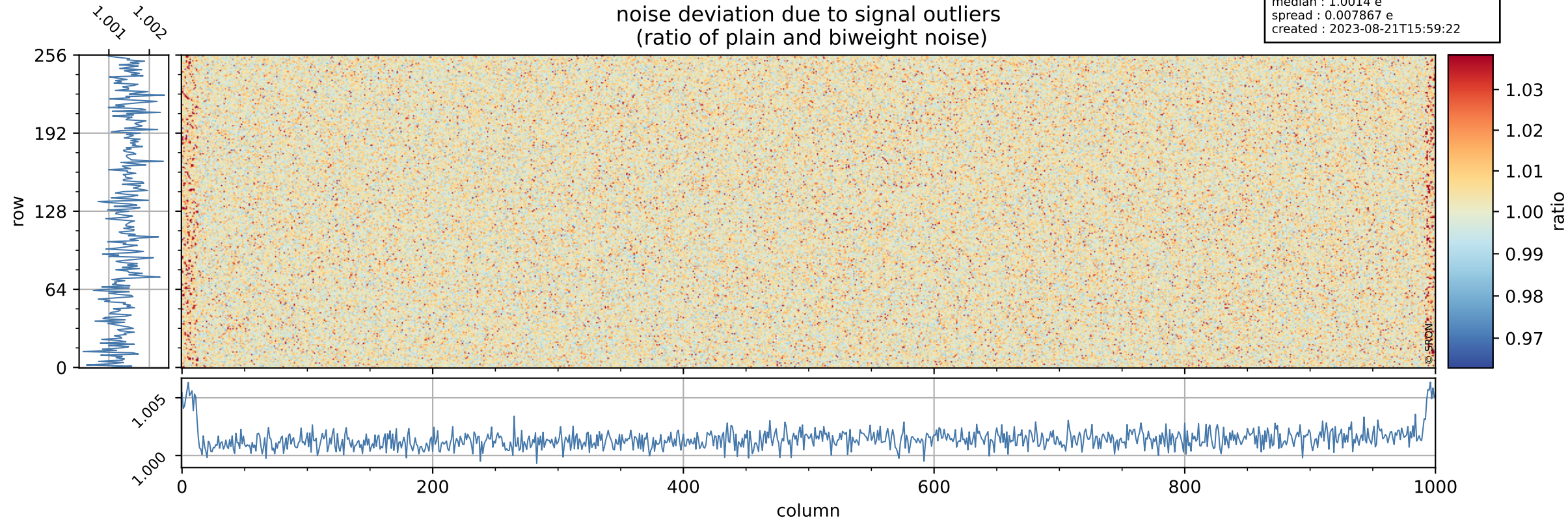
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

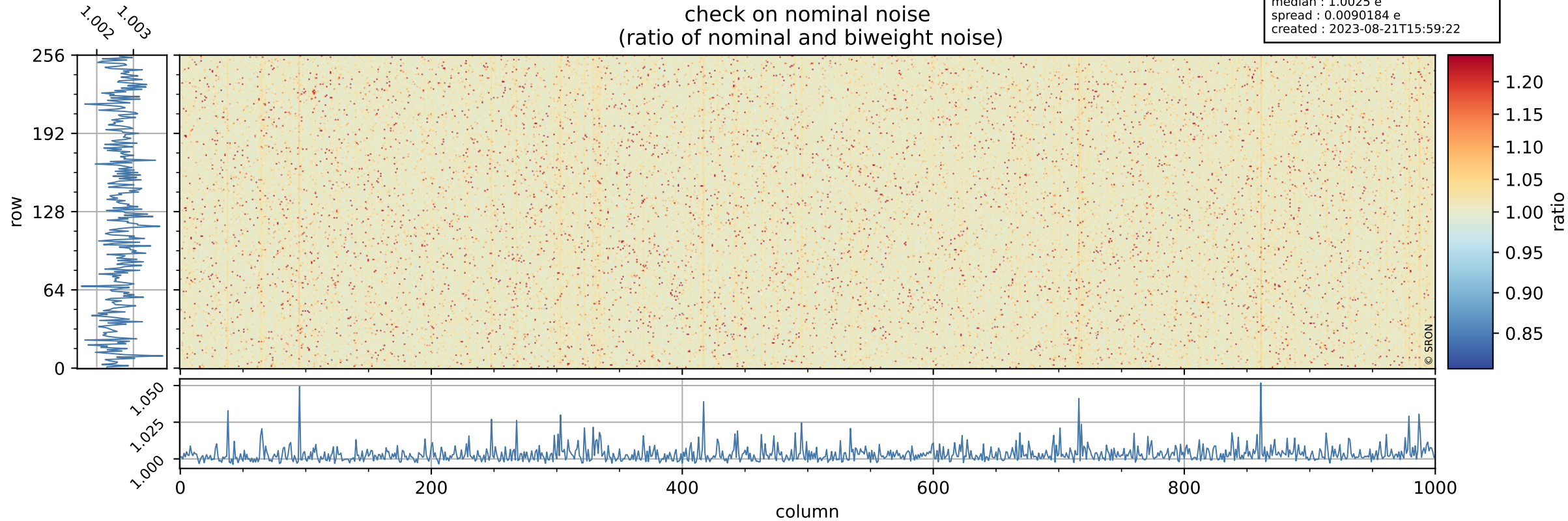
orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
median : 1.0014 e
spread : 0.007867 e
created : 2023-08-21T15:59:22



Tropomi SWIR background noise (swir)

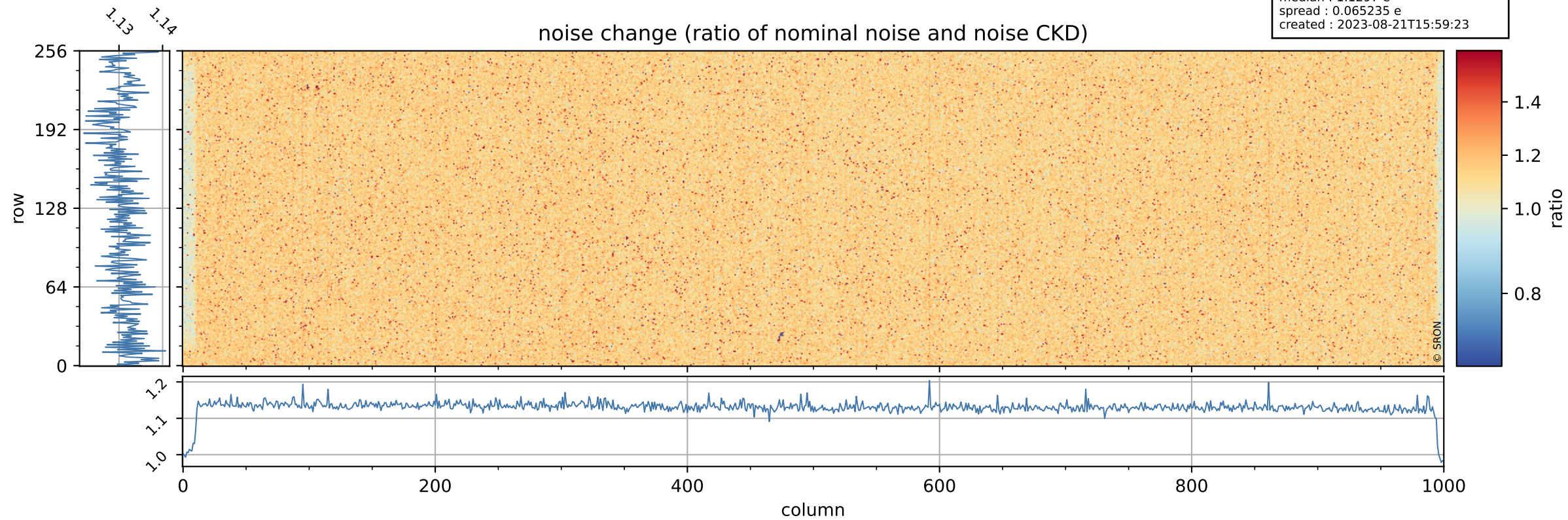
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
median : 1.0025 e
spread : 0.0090184 e
created : 2023-08-21T15:59:22



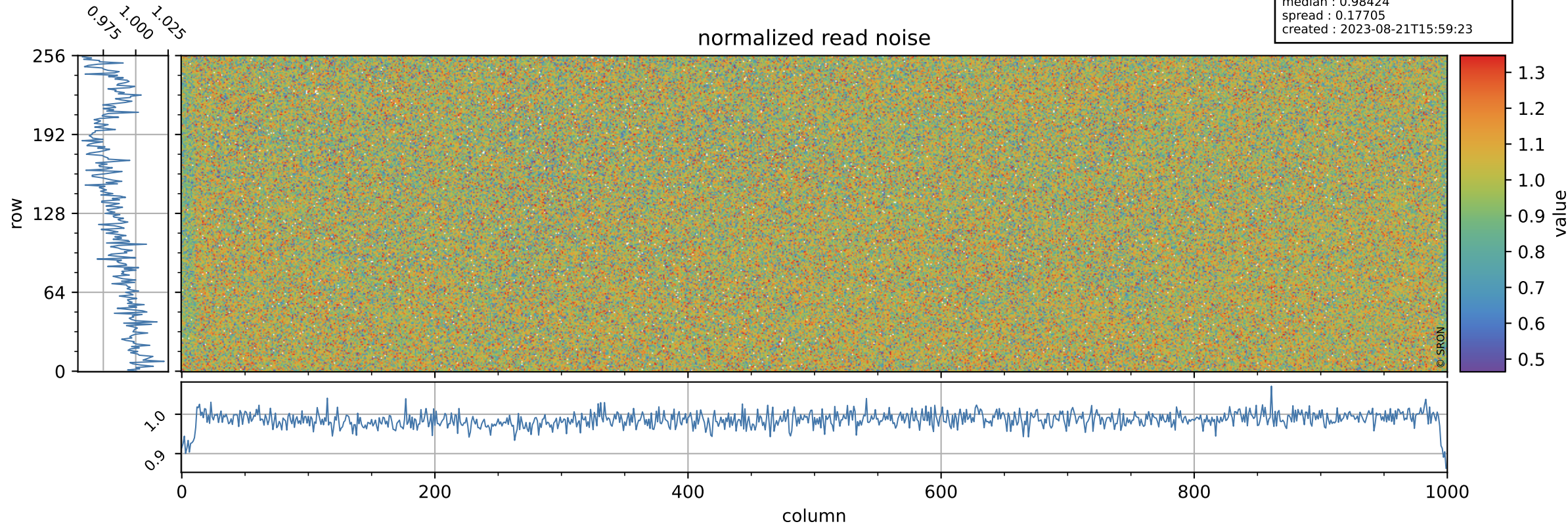
Tropomi SWIR background noise (swir)

orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
median : 1.1297 e
spread : 0.065235 e
created : 2023-08-21T15:59:23



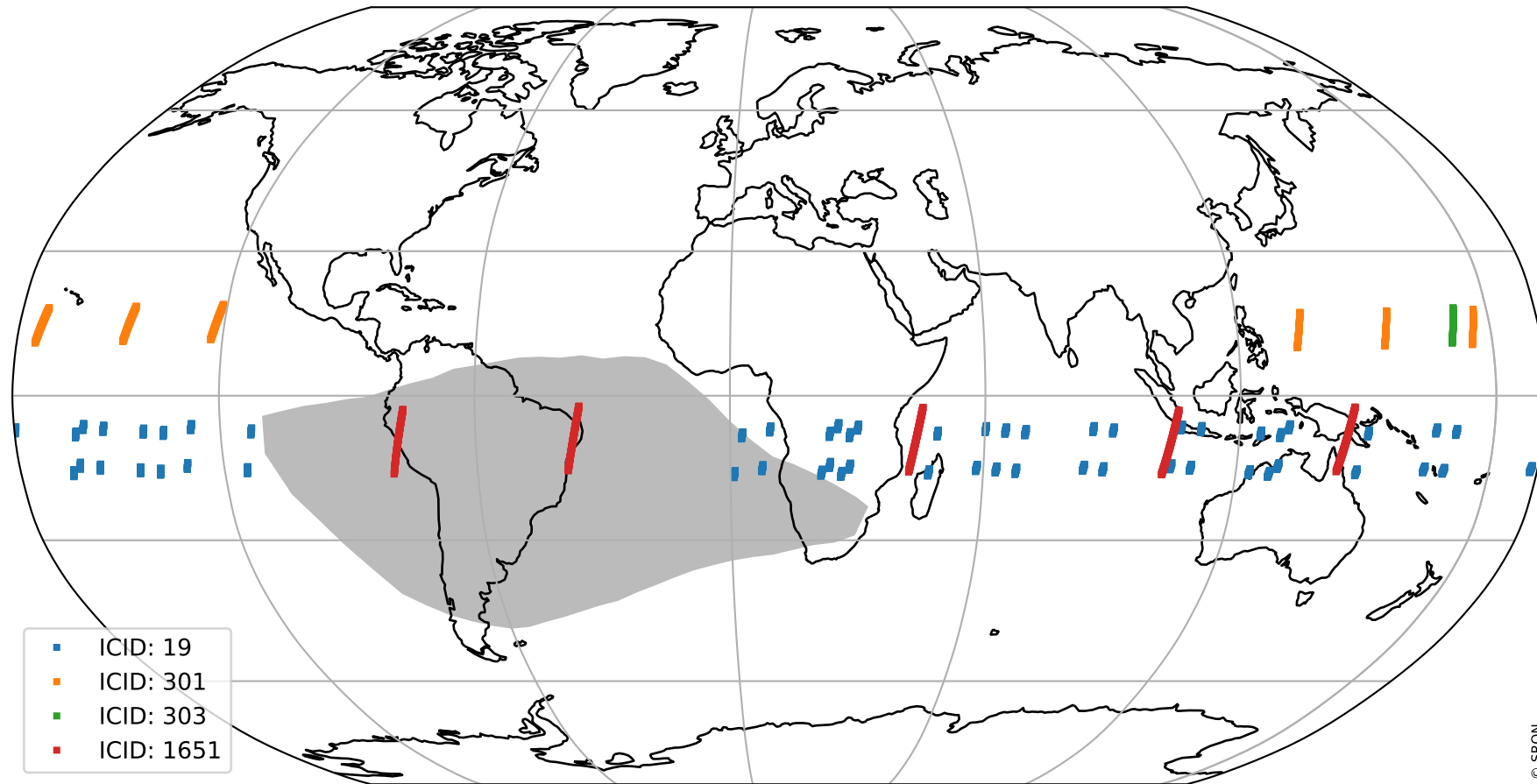
Tropomi SWIR background noise (swir)

orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
median : 0.98424
spread : 0.17705
created : 2023-08-21T15:59:23



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

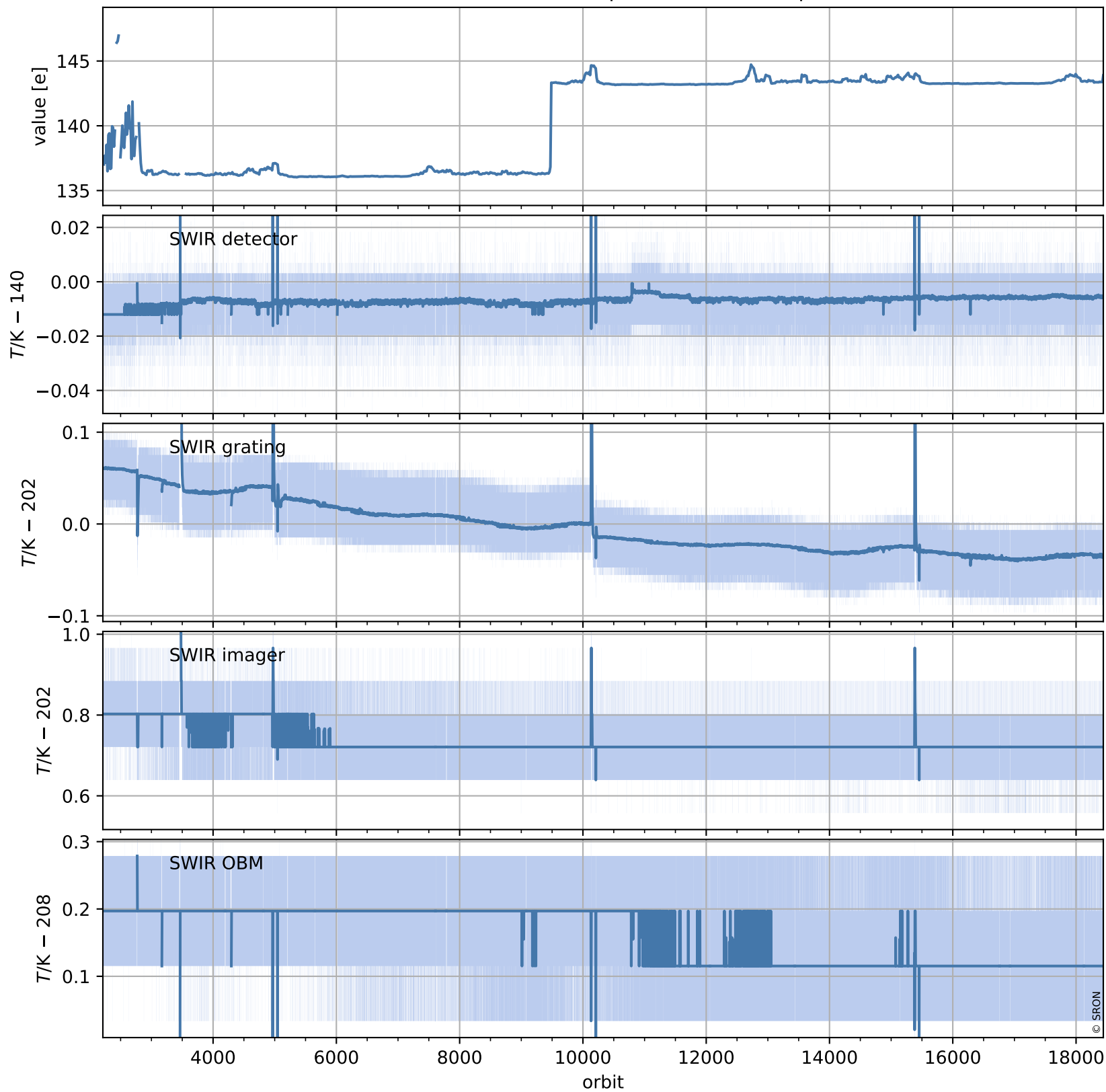
orbits : 12 in [18352, 18442]
coverage : 2021-04-29 / 2021-05-04
created : 2023-08-21T15:59:23



Tropomi SWIR background noise (swir)

orbits : [2212, 18442]
coverage : 2018-03-18 / 2021-05-04
created : 2023-08-21T15:59:23

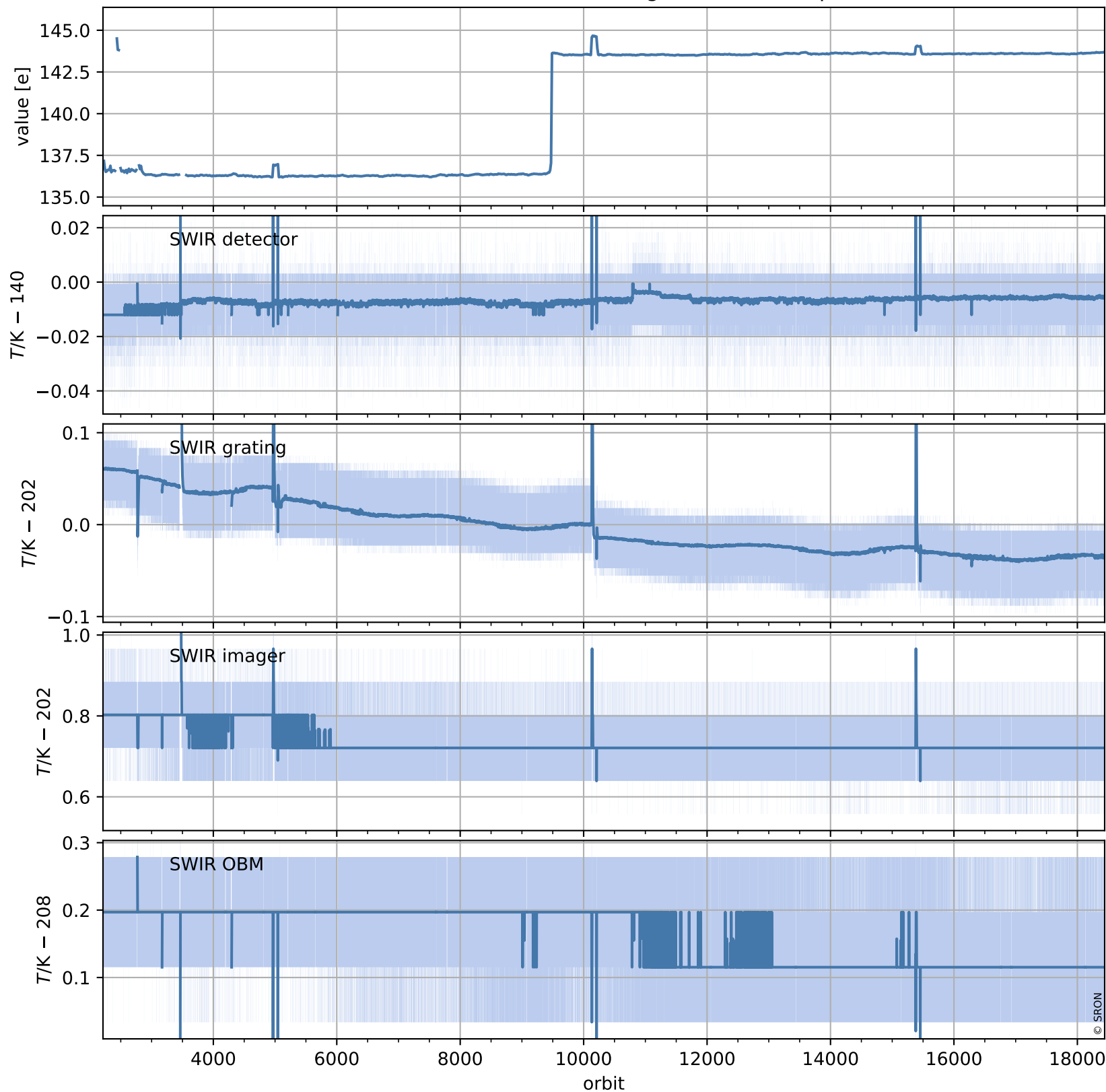
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18442]
coverage : 2018-03-18 / 2021-05-04
created : 2023-08-21T15:59:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18442]
coverage : 2018-03-18 / 2021-05-04
created : 2023-08-21T15:59:25

trend of normalized read-noise & temperatures

