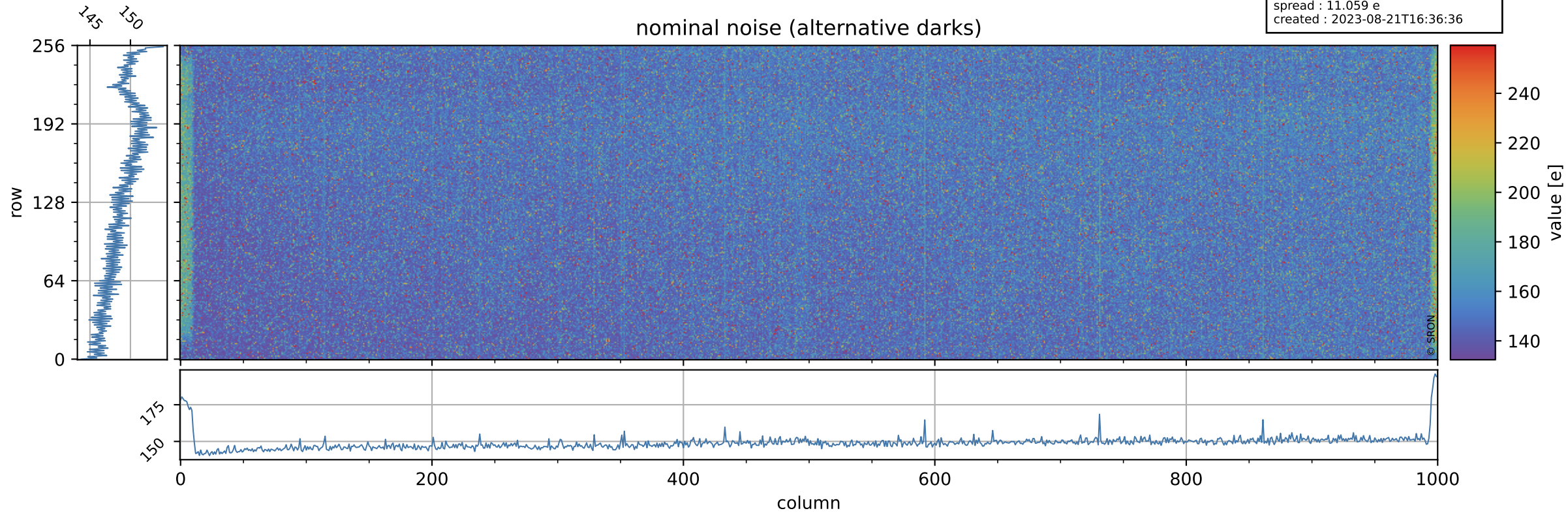


Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.059 e
created : 2023-08-21T16:36:36

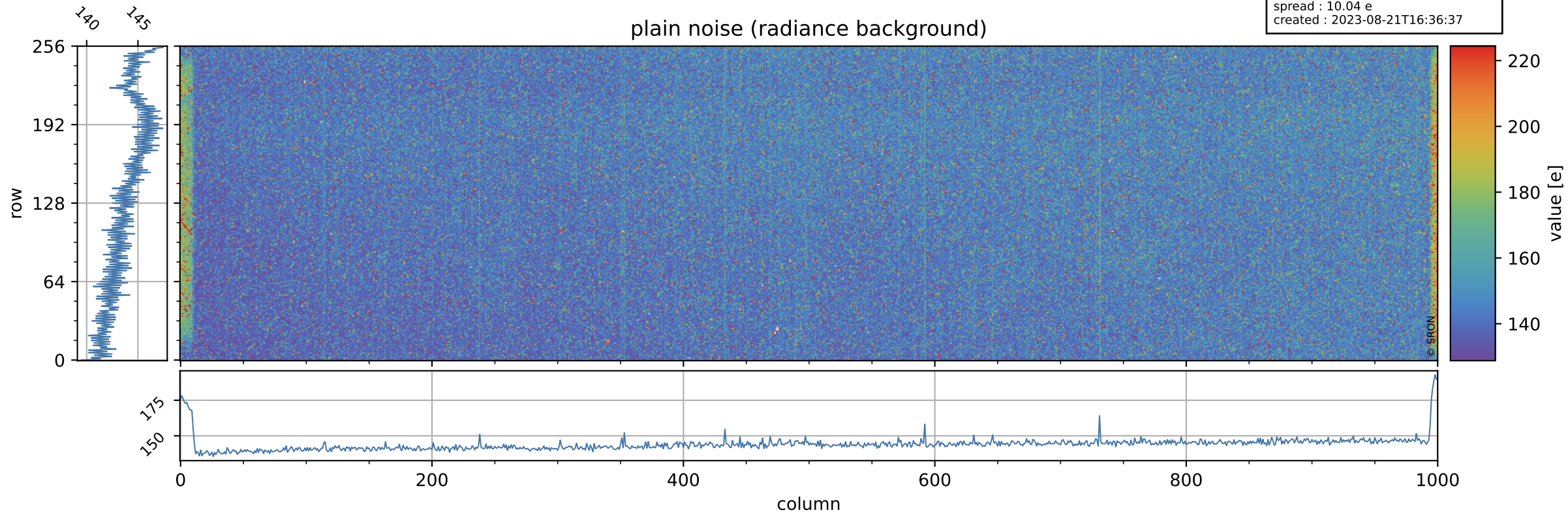
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 10.04 e
created : 2023-08-21T16:36:37

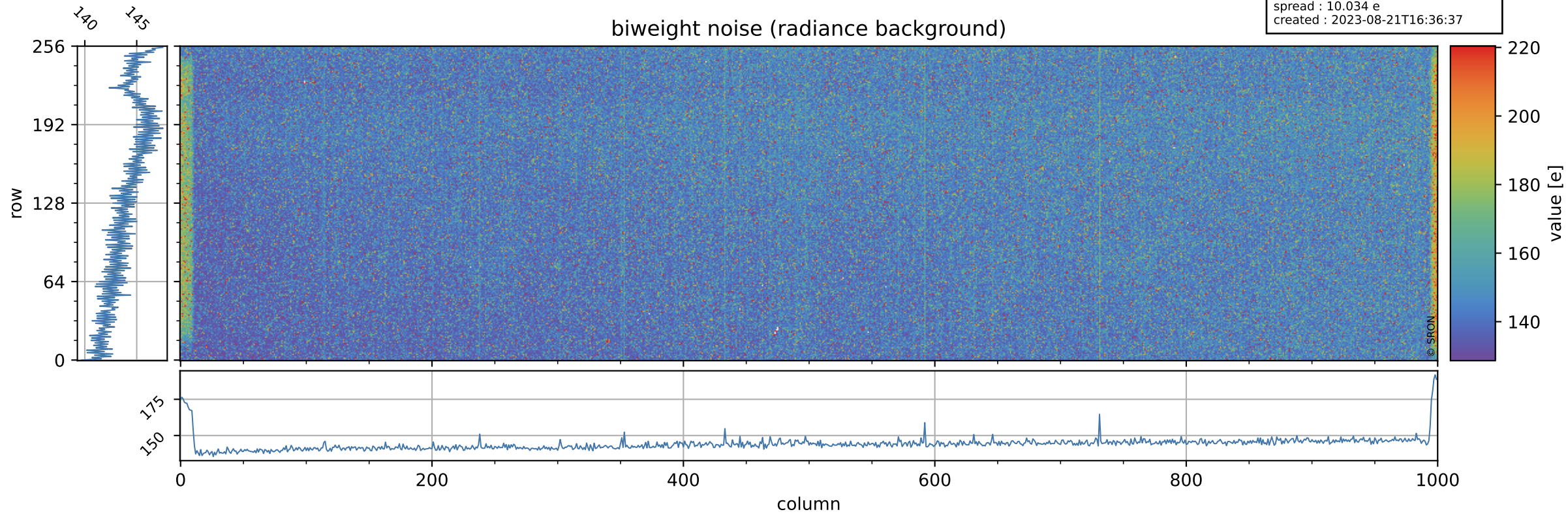
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 10.034 e
created : 2023-08-21T16:36:37

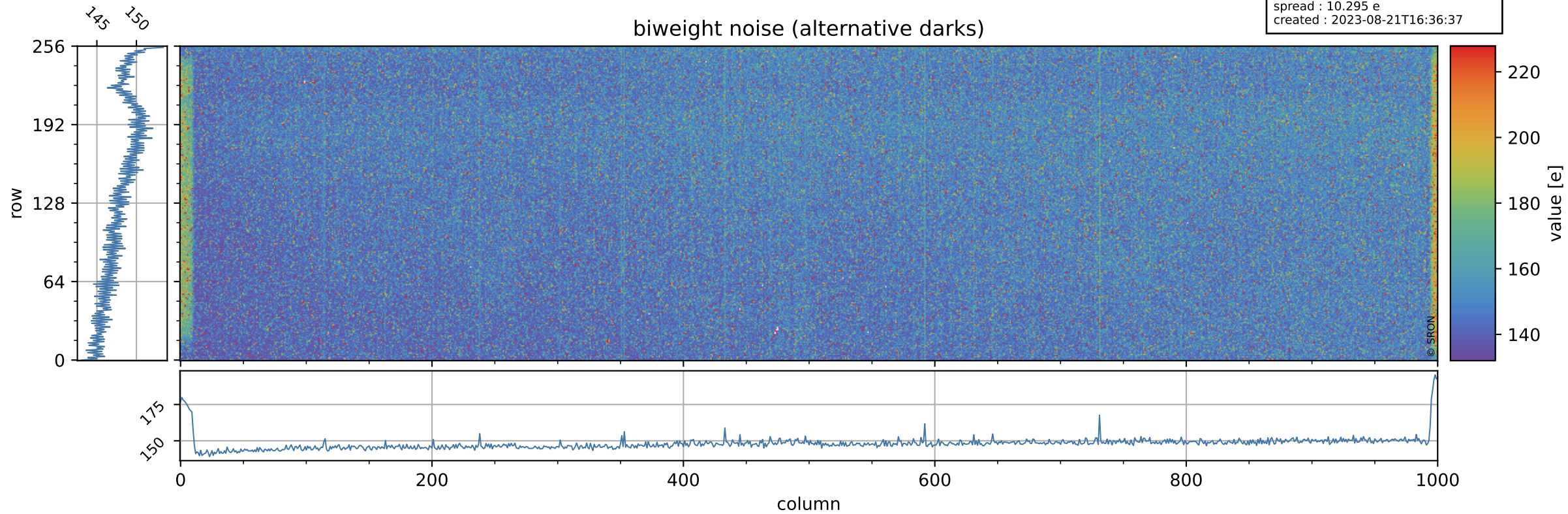
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.295 e
created : 2023-08-21T16:36:37

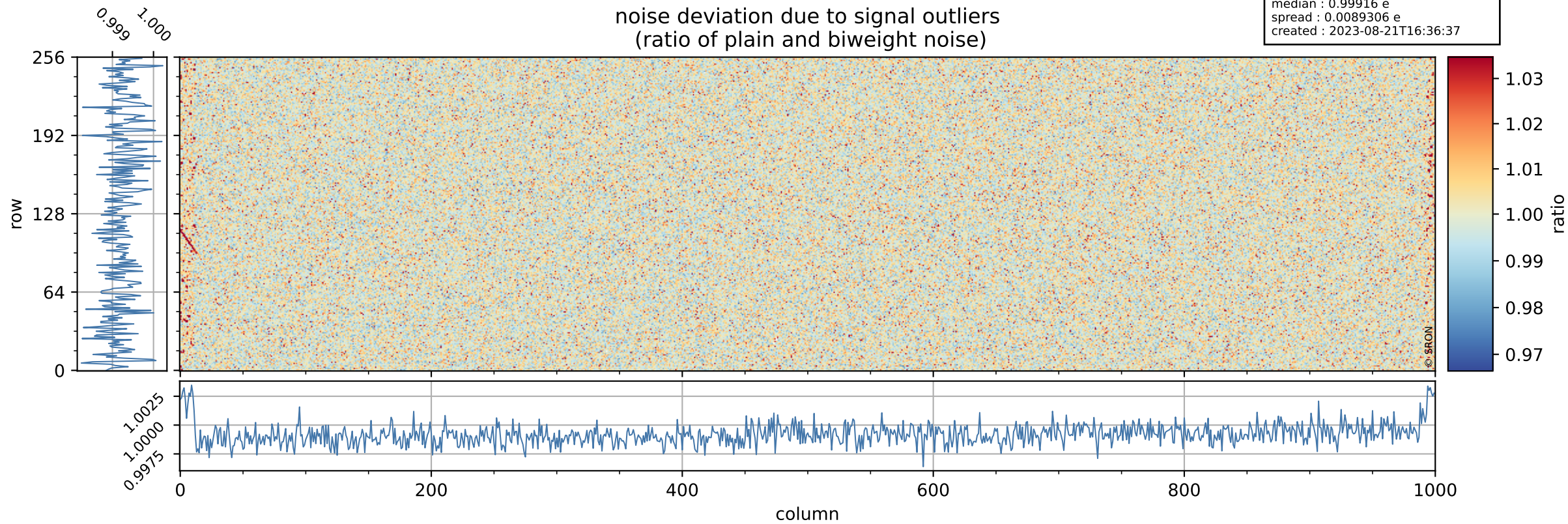
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

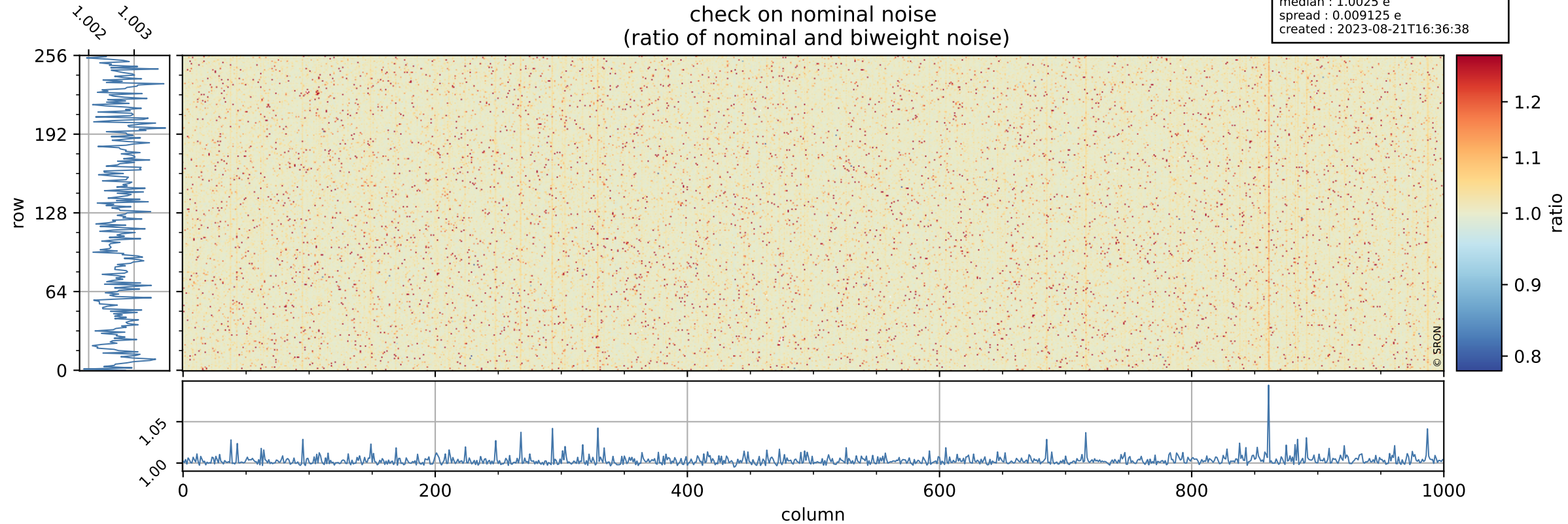
orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
median : 0.99916 e
spread : 0.0089306 e
created : 2023-08-21T16:36:37



Tropomi SWIR background noise (swir)

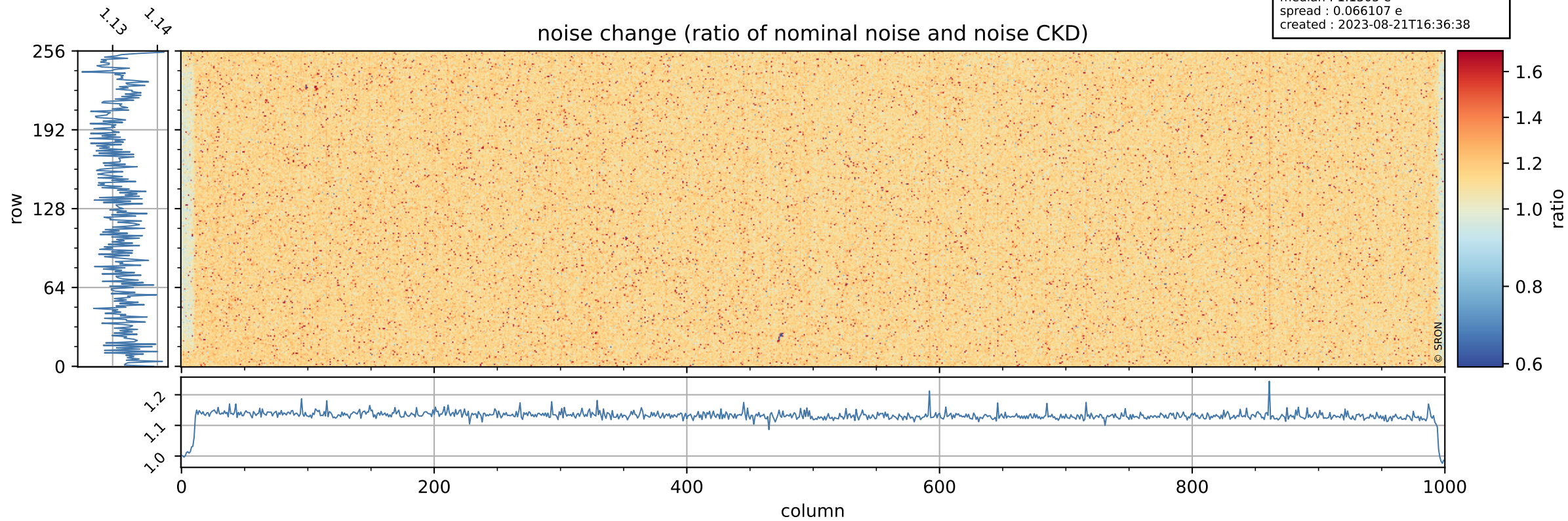
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
median : 1.0025 e
spread : 0.009125 e
created : 2023-08-21T16:36:38



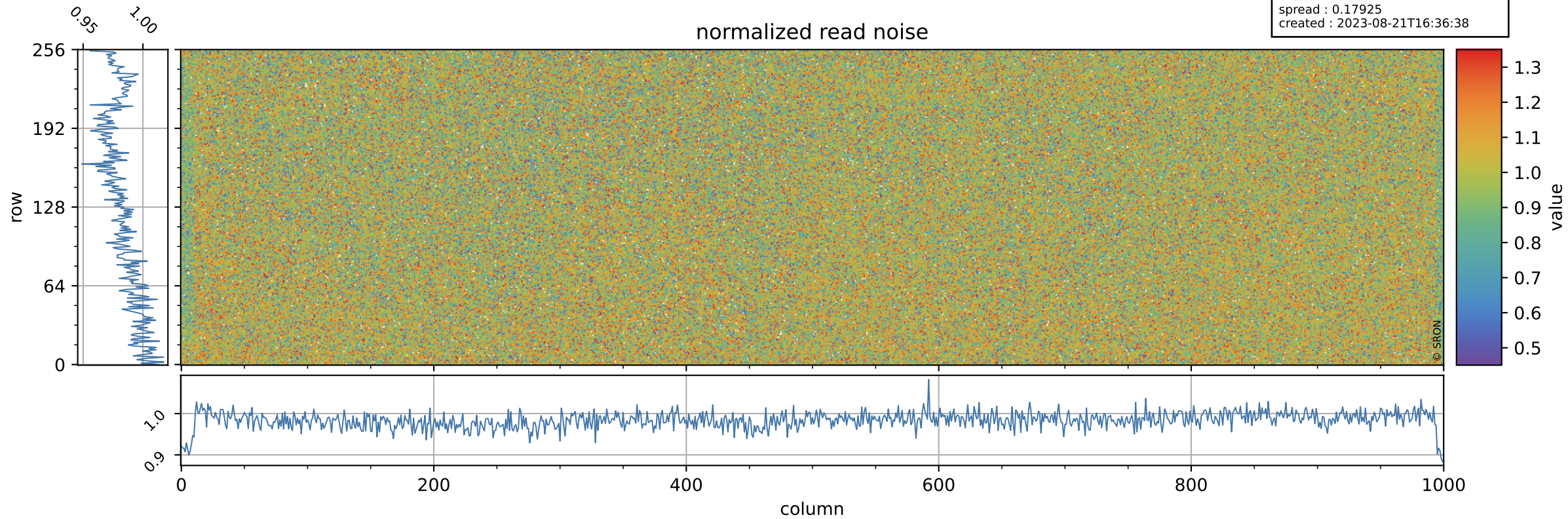
Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
median : 1.1305 e
spread : 0.066107 e
created : 2023-08-21T16:36:38



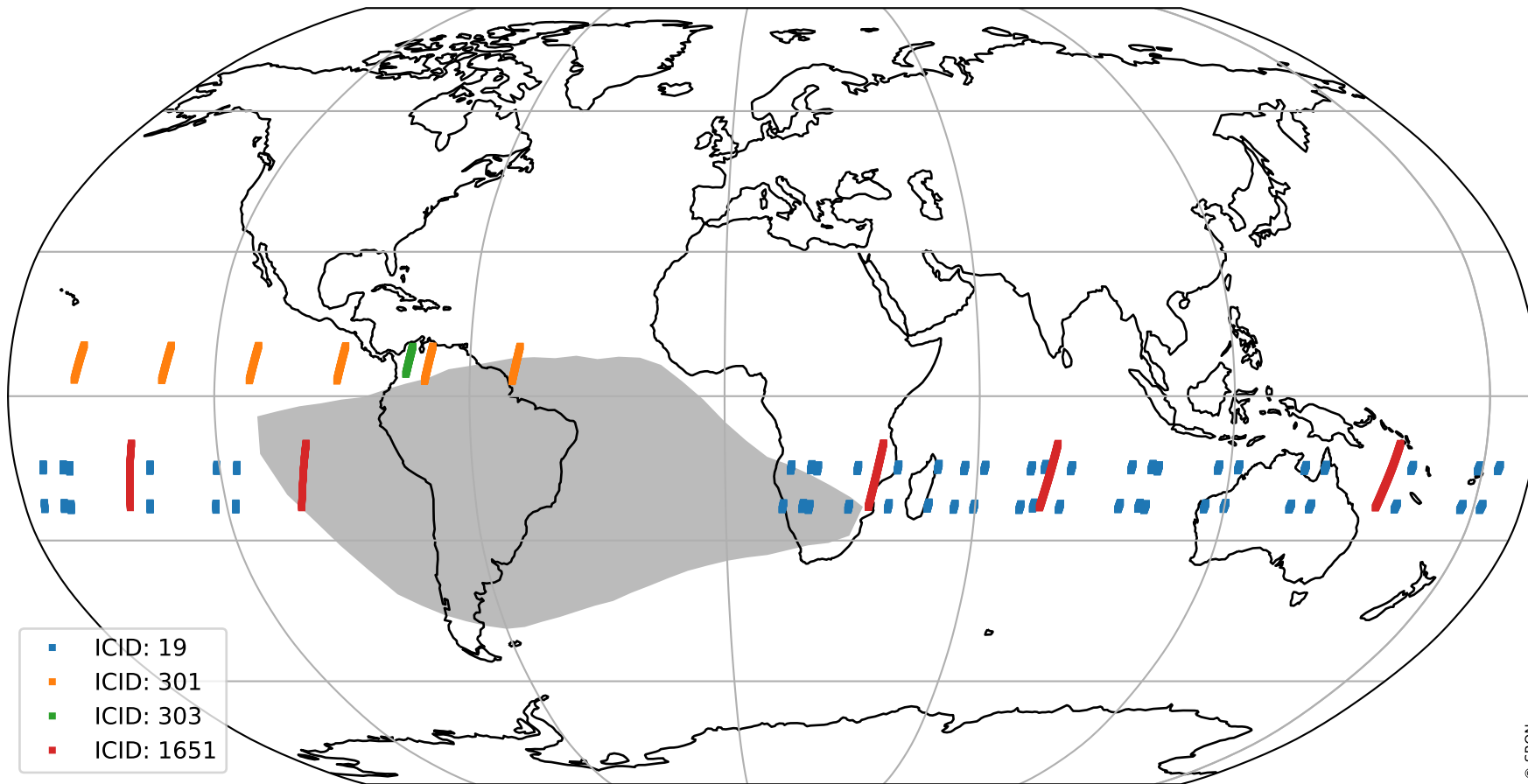
Tropomi SWIR background noise (swir)

orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
median : 0.98217
spread : 0.17925
created : 2023-08-21T16:36:38



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

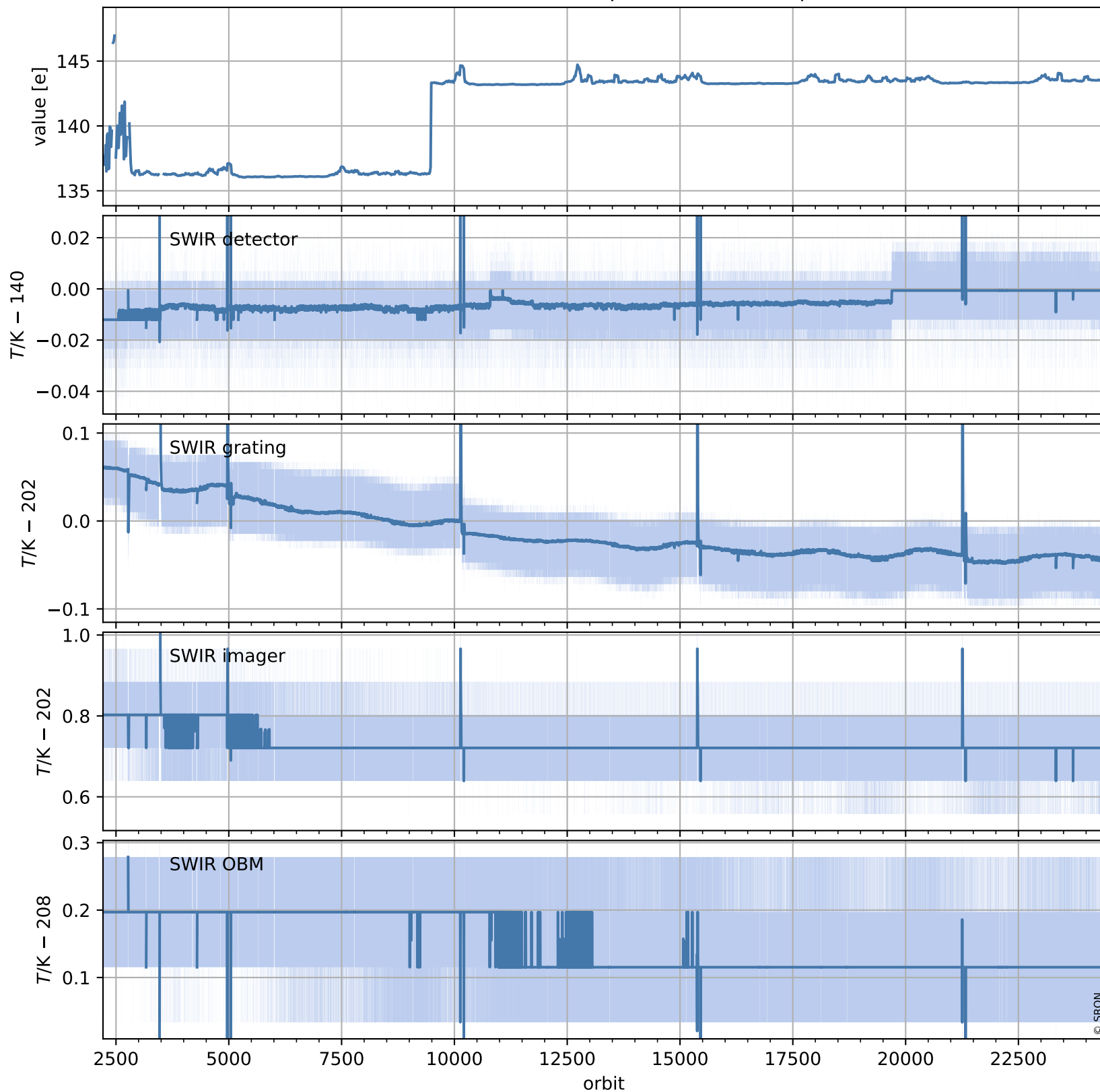
orbits : 12 in [24337, 24412]
coverage : 2022-06-24 / 2022-06-29
created : 2023-08-21T16:36:38



Tropomi SWIR background noise (swir)

orbits : [2212, 24412]
coverage : 2018-03-18 / 2022-06-29
created : 2023-08-21T16:36:39

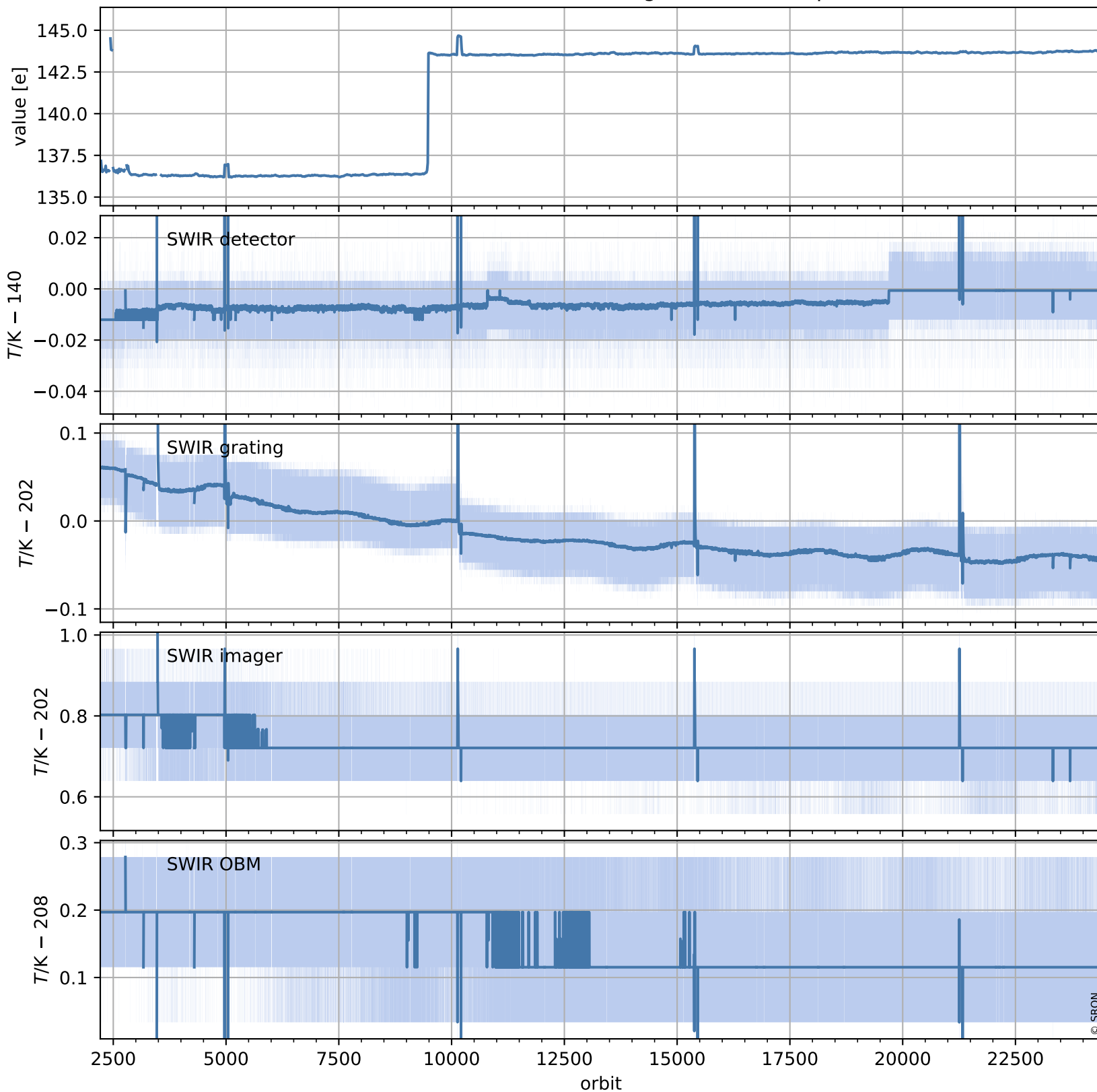
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24412]
coverage : 2018-03-18 / 2022-06-29
created : 2023-08-21T16:36:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24412]
coverage : 2018-03-18 / 2022-06-29
created : 2023-08-21T16:36:41

trend of normalized read-noise & temperatures

