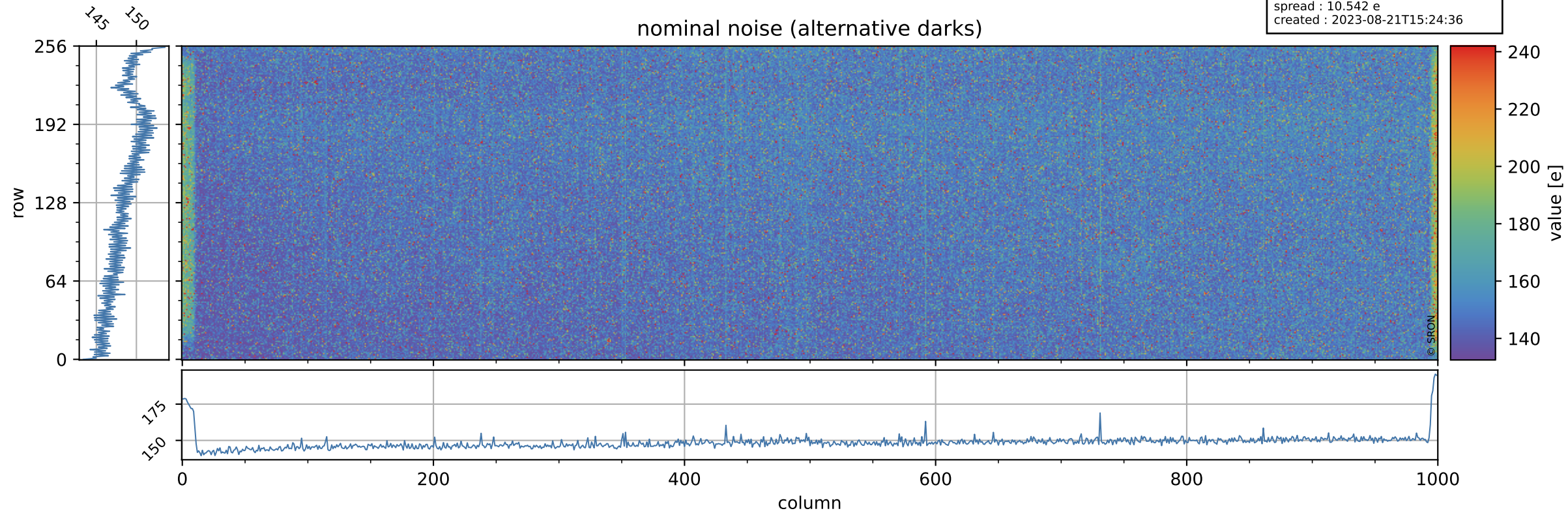


Tropomi SWIR background noise (swir)

orbits : 13 in [12142, 12232]
coverage : 2020-02-16 / 2020-02-22
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.542 e
created : 2023-08-21T15:24:36

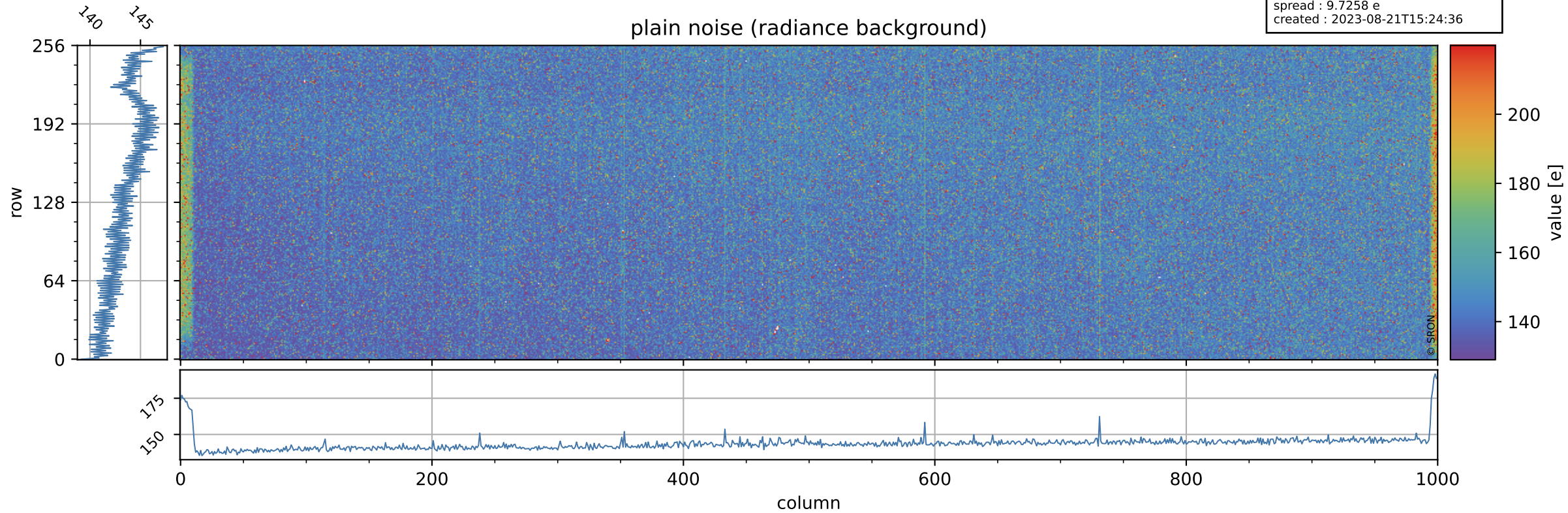
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12142, 12232]
coverage : 2020-02-16 / 2020-02-22
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.7258 e
created : 2023-08-21T15:24:36

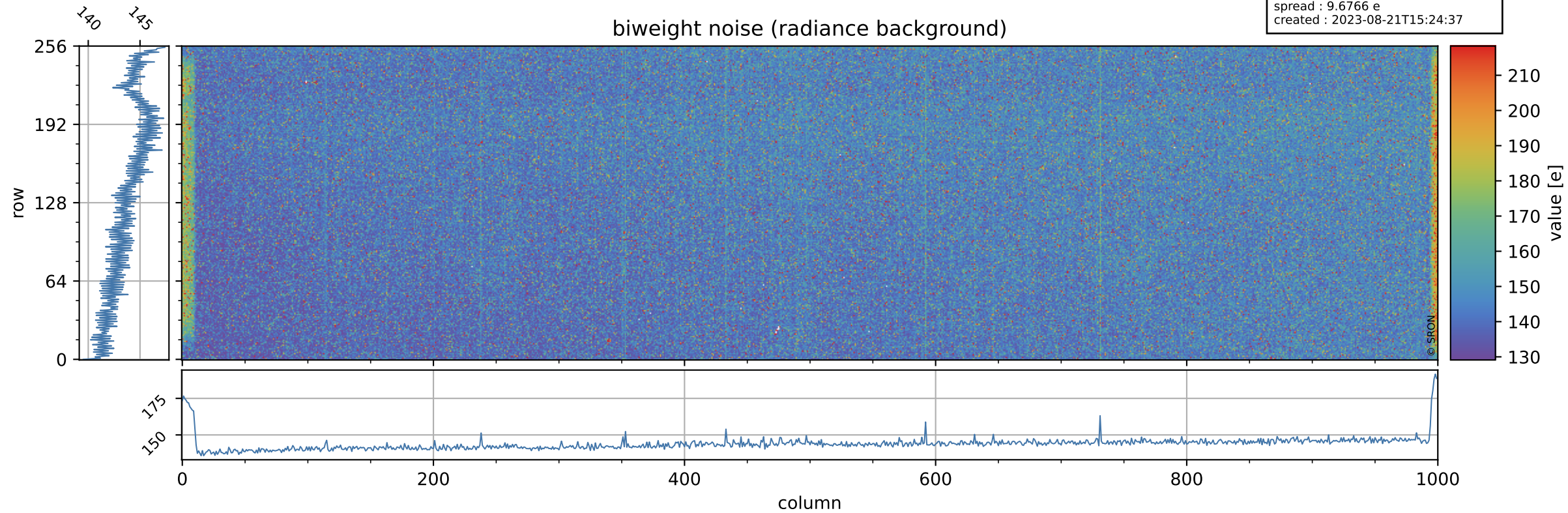
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12142, 12232]
coverage : 2020-02-16 / 2020-02-22
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.6766 e
created : 2023-08-21T15:24:37

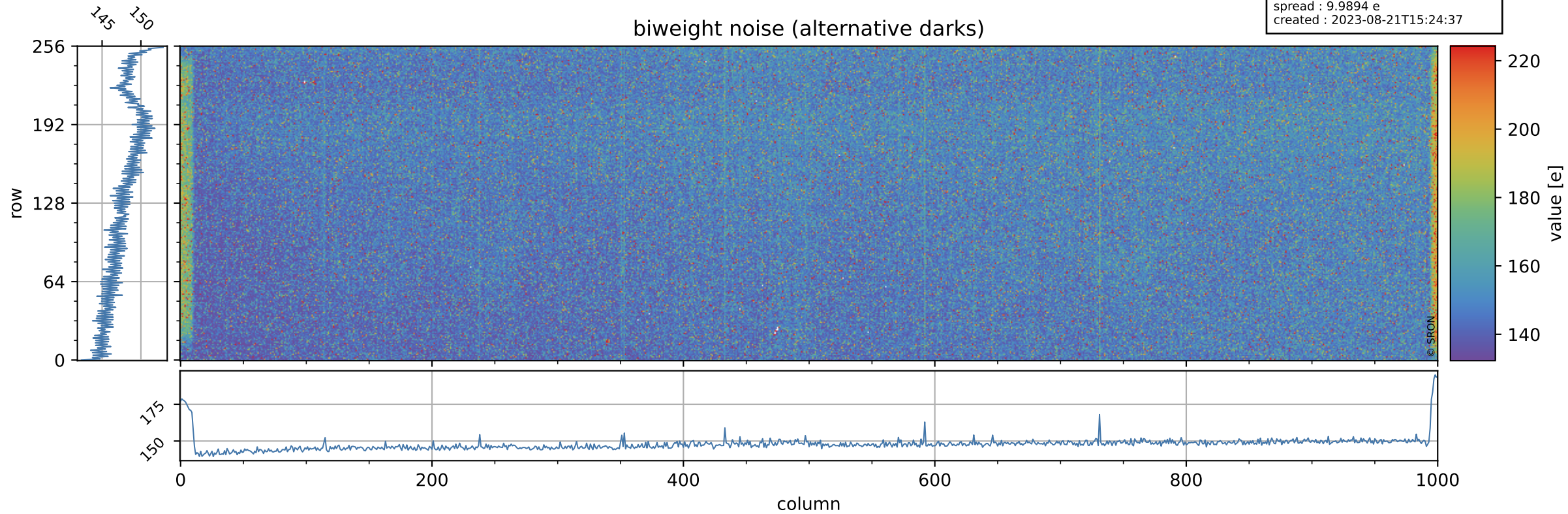
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12142, 12232]
coverage : 2020-02-16 / 2020-02-22
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 9.9894 e
created : 2023-08-21T15:24:37

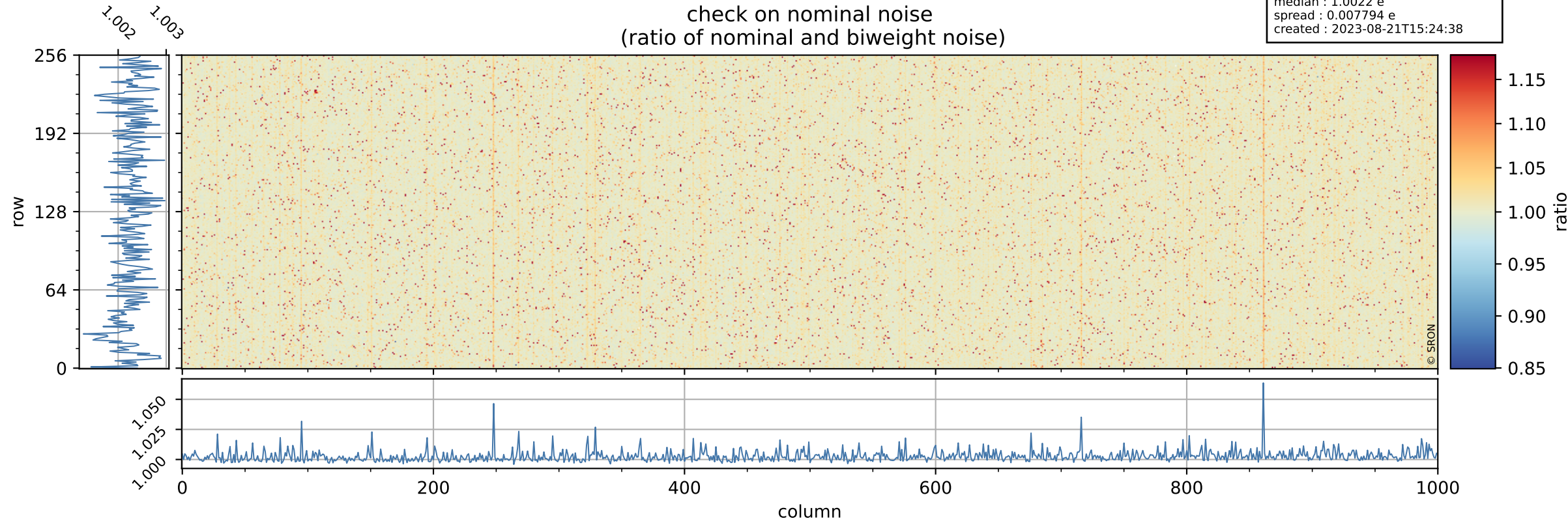
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

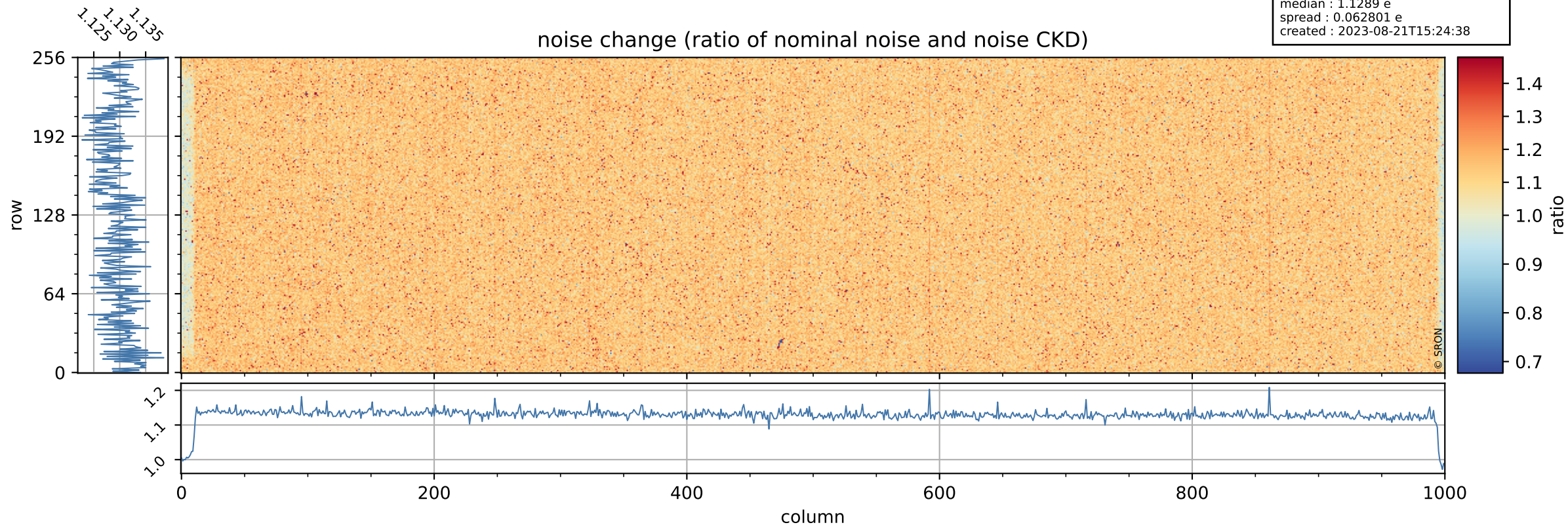
orbits : 13 in [12142, 12232]
coverage : 2020-02-16 / 2020-02-22
median : 1.0022 e
spread : 0.007794 e
created : 2023-08-21T15:24:38



Tropomi SWIR background noise (swir)

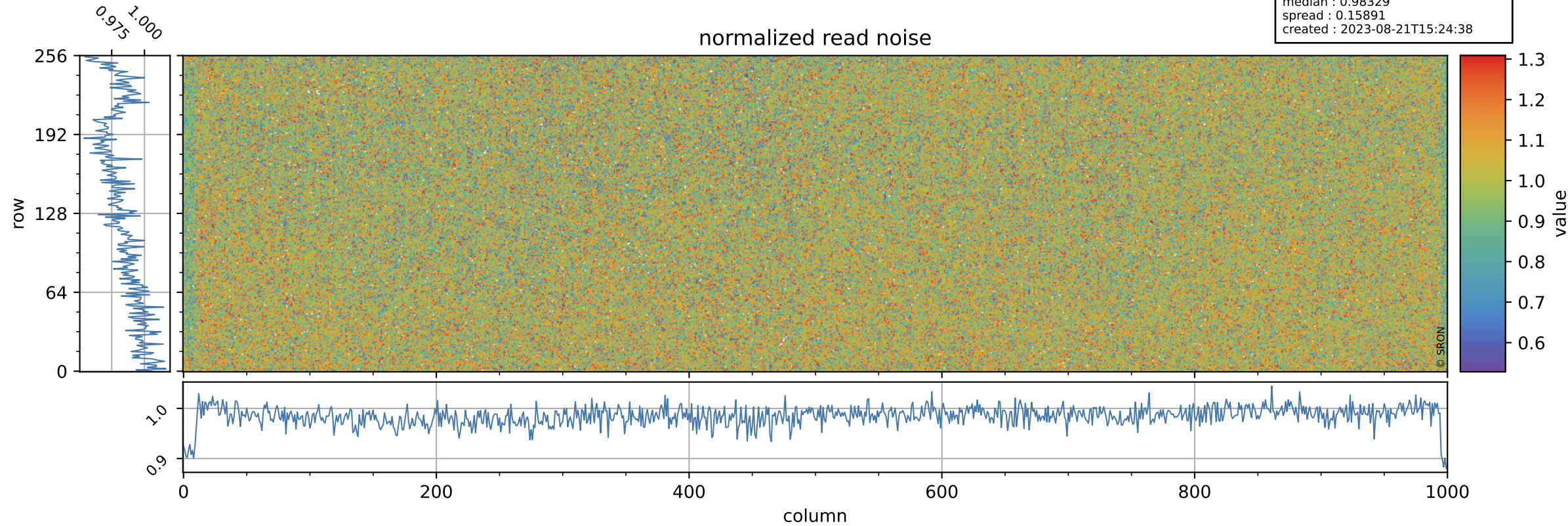
orbits : 13 in [12142, 12232]
coverage : 2020-02-16 / 2020-02-22
median : 1.1289 e
spread : 0.062801 e
created : 2023-08-21T15:24:38

noise change (ratio of nominal noise and noise CKD)



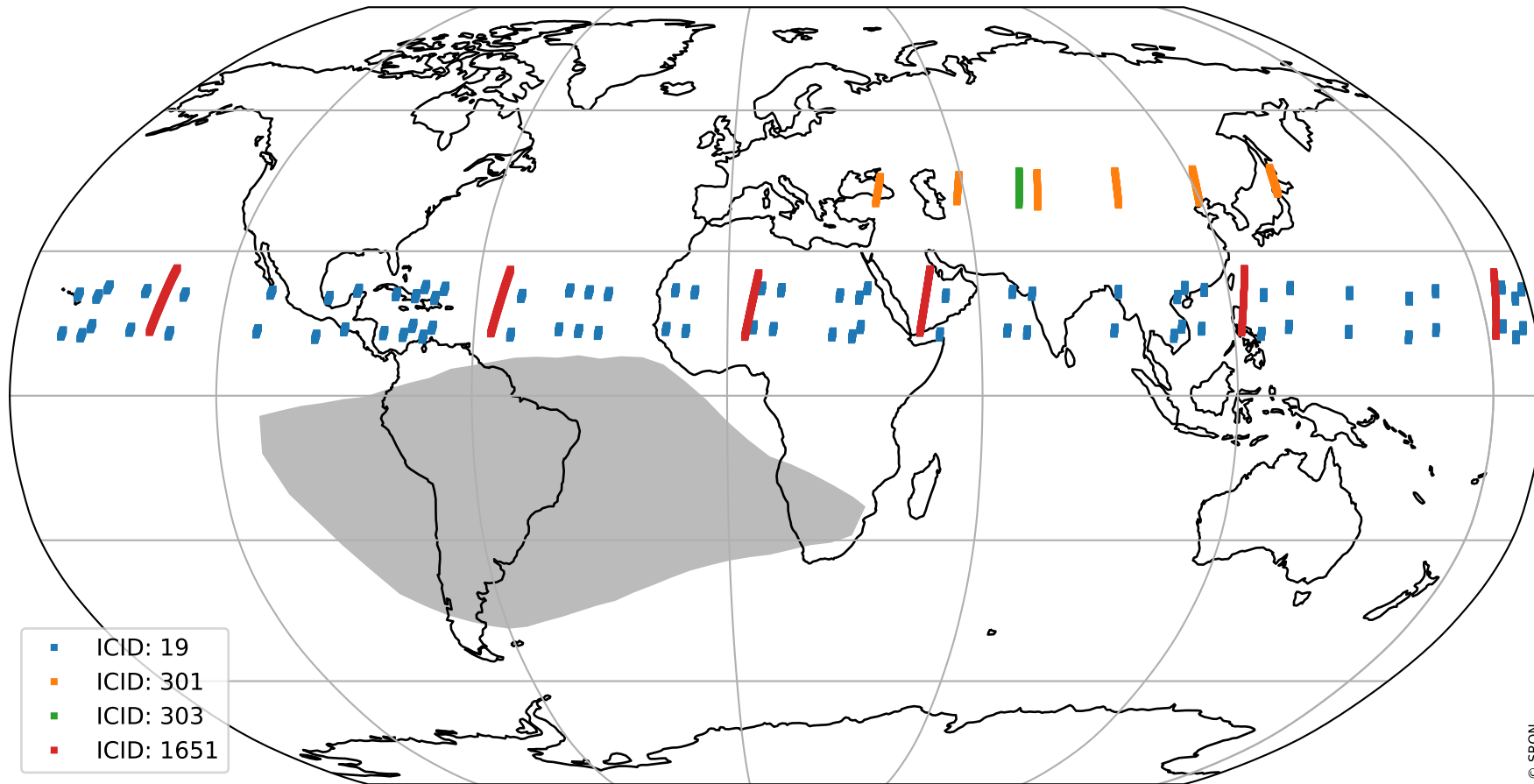
Tropomi SWIR background noise (swir)

orbits : 13 in [12142, 12232]
coverage : 2020-02-16 / 2020-02-22
median : 0.98329
spread : 0.15891
created : 2023-08-21T15:24:38



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

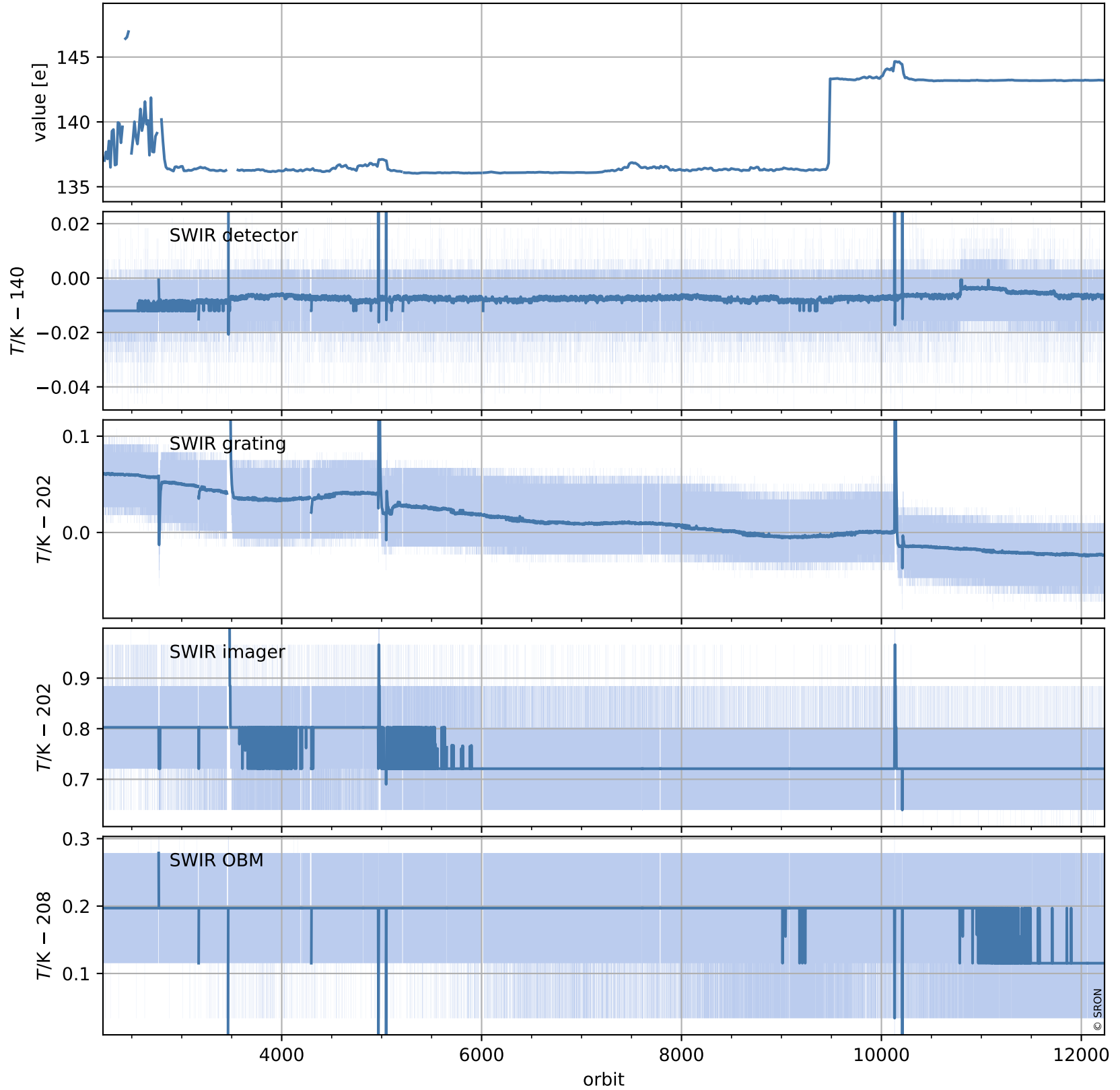
orbits : 13 in [12142, 12232]
coverage : 2020-02-16 / 2020-02-22
created : 2023-08-21T15:24:39



Tropomi SWIR background noise (swir)

orbits : [2212, 12232]
coverage : 2018-03-18 / 2020-02-22
created : 2023-08-21T15:24:39

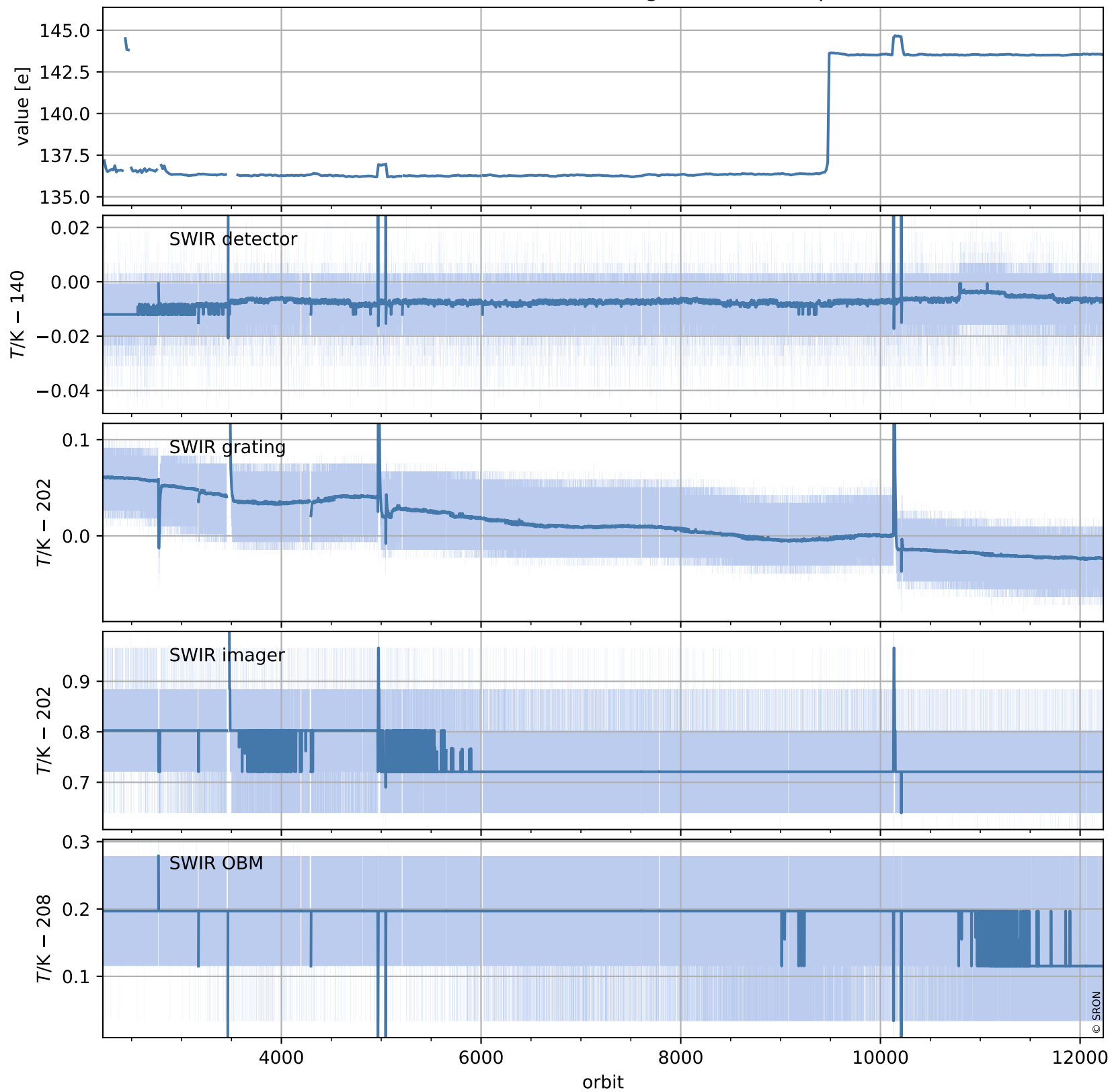
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12232]
coverage : 2018-03-18 / 2020-02-22
created : 2023-08-21T15:24:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12232]
coverage : 2018-03-18 / 2020-02-22
created : 2023-08-21T15:24:40

trend of normalized read-noise & temperatures

