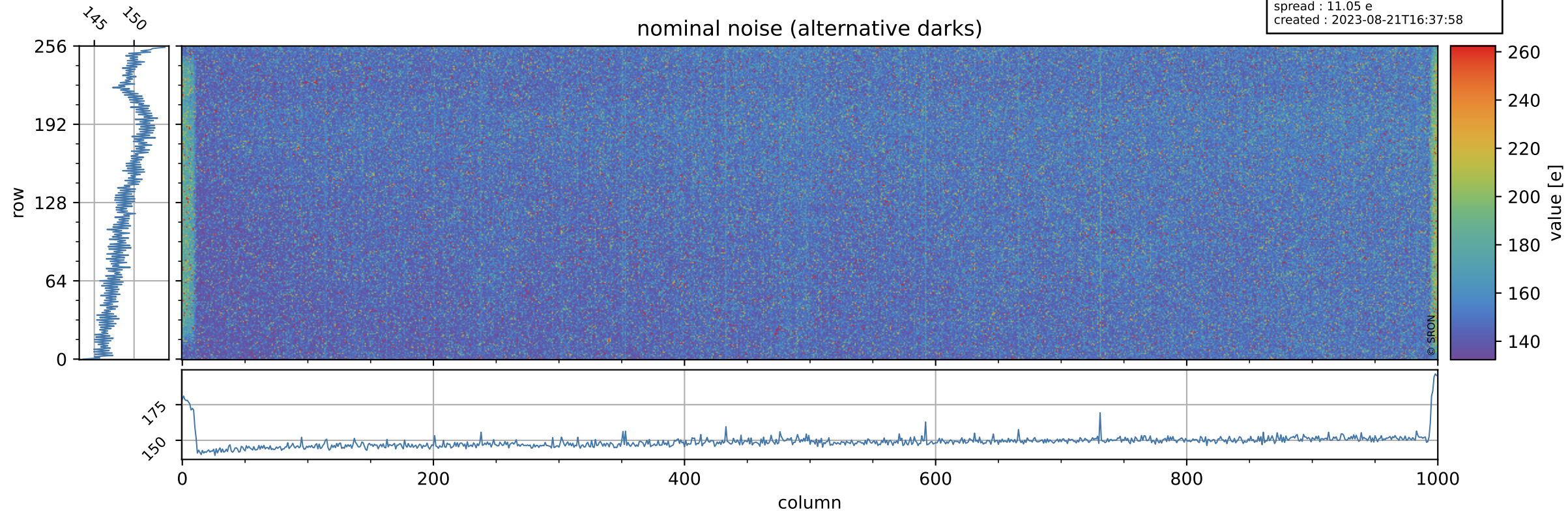


Tropomi SWIR background noise (swir)

orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 11.05 e
created : 2023-08-21T16:37:58

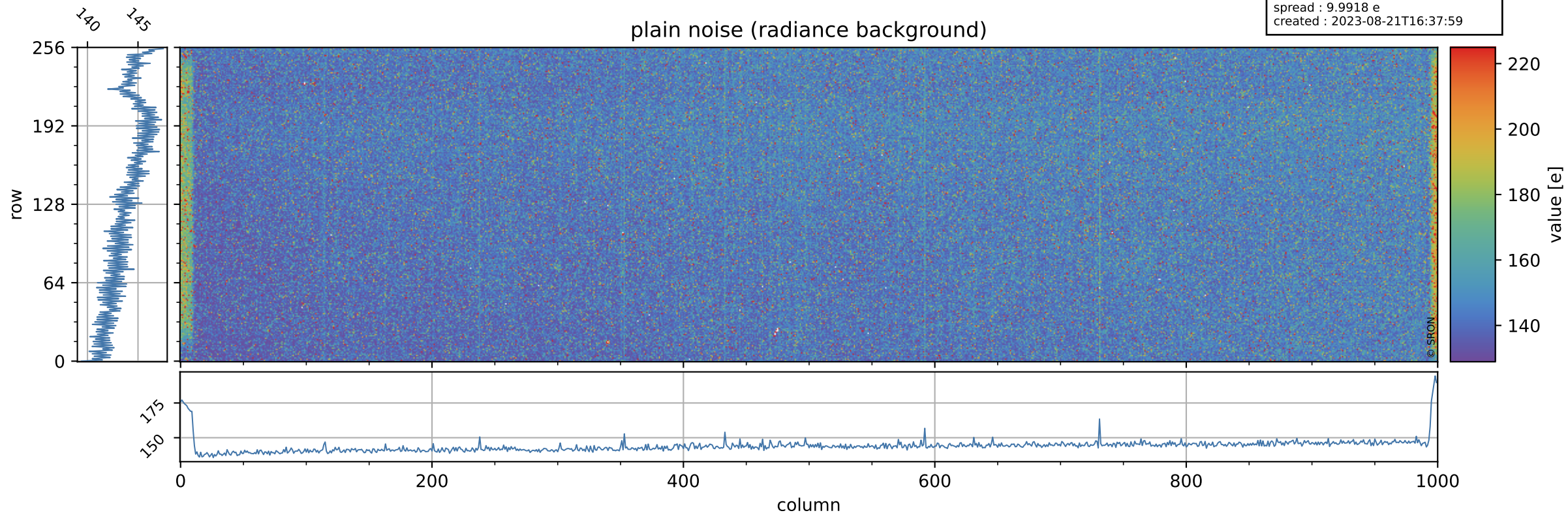
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9918 e
created : 2023-08-21T16:37:59

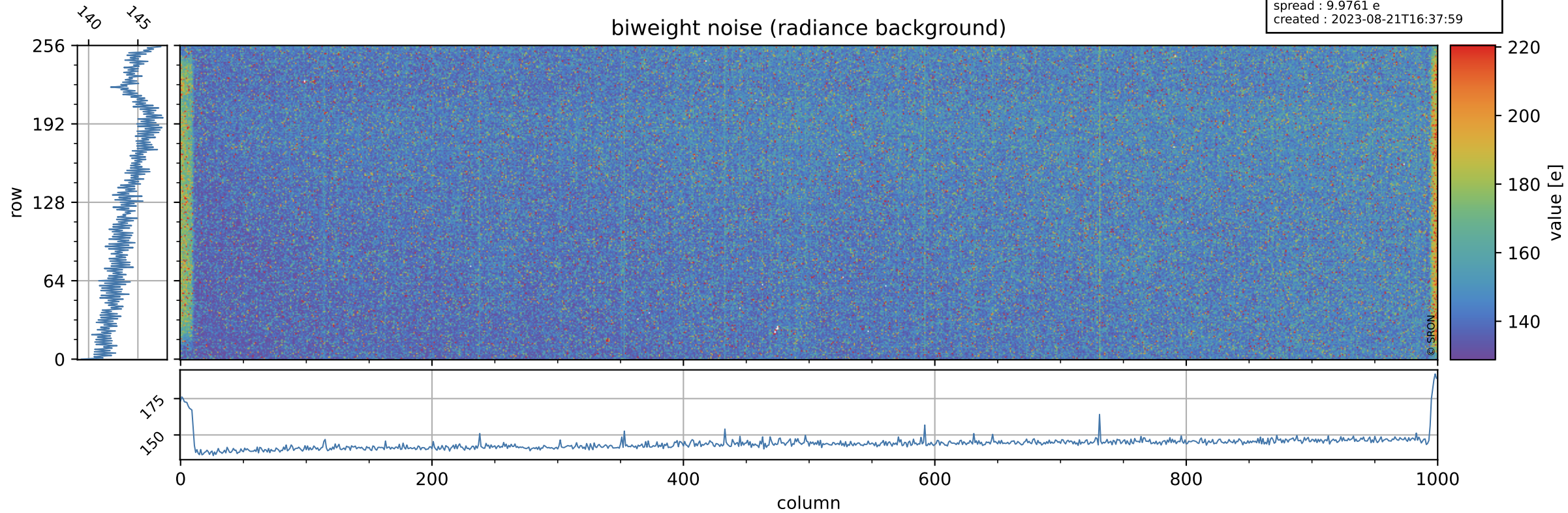
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9761 e
created : 2023-08-21T16:37:59

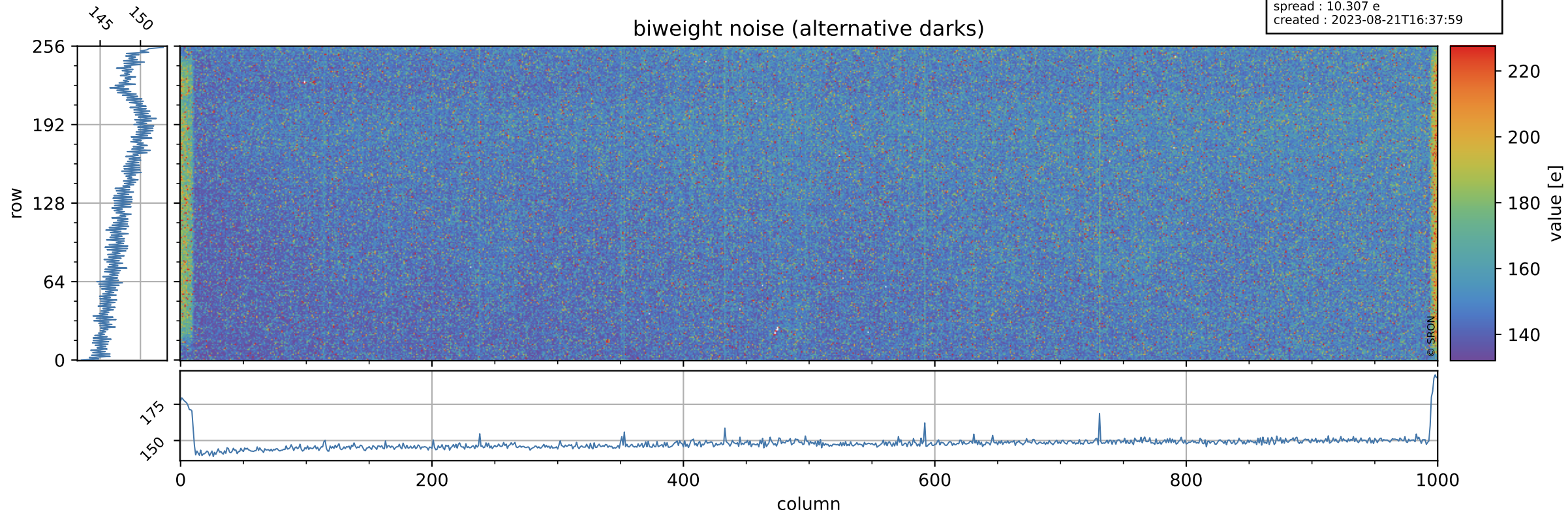
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.307 e
created : 2023-08-21T16:37:59

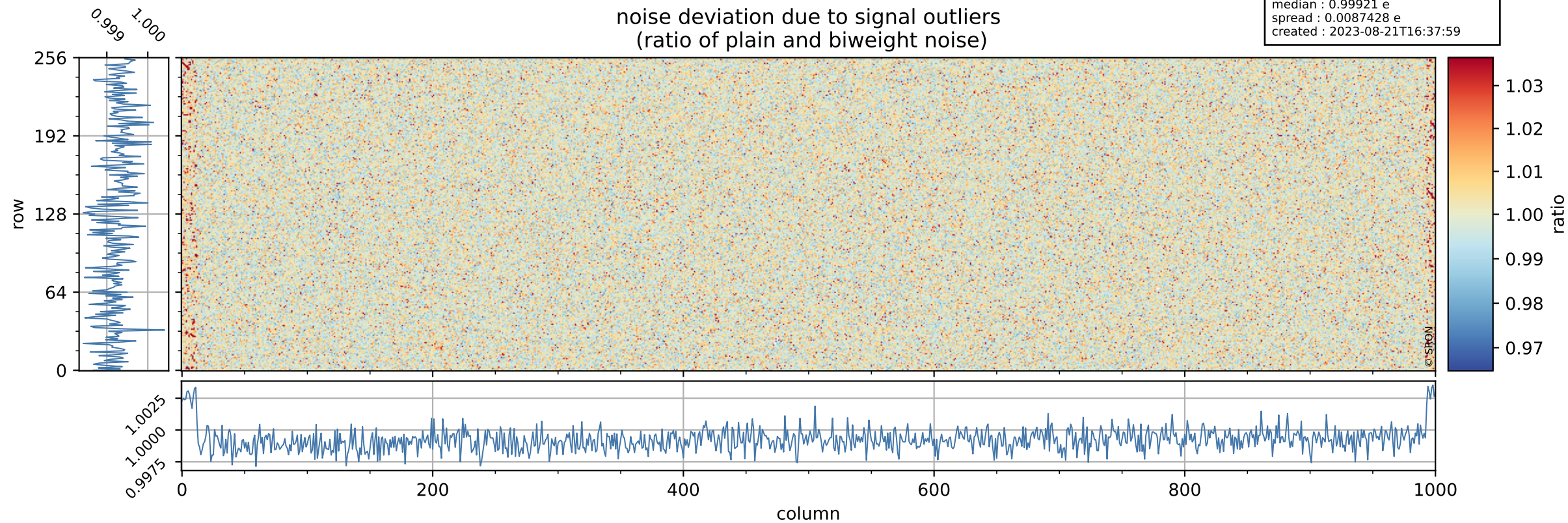
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

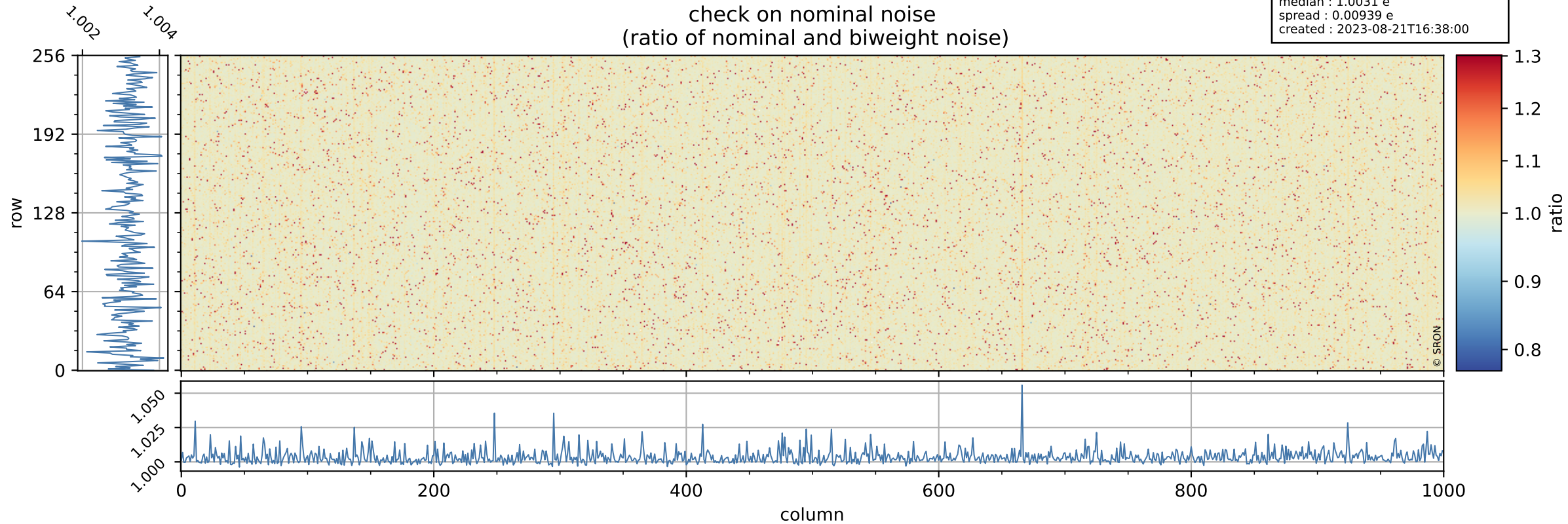
orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
median : 0.99921 e
spread : 0.0087428 e
created : 2023-08-21T16:37:59



Tropomi SWIR background noise (swir)

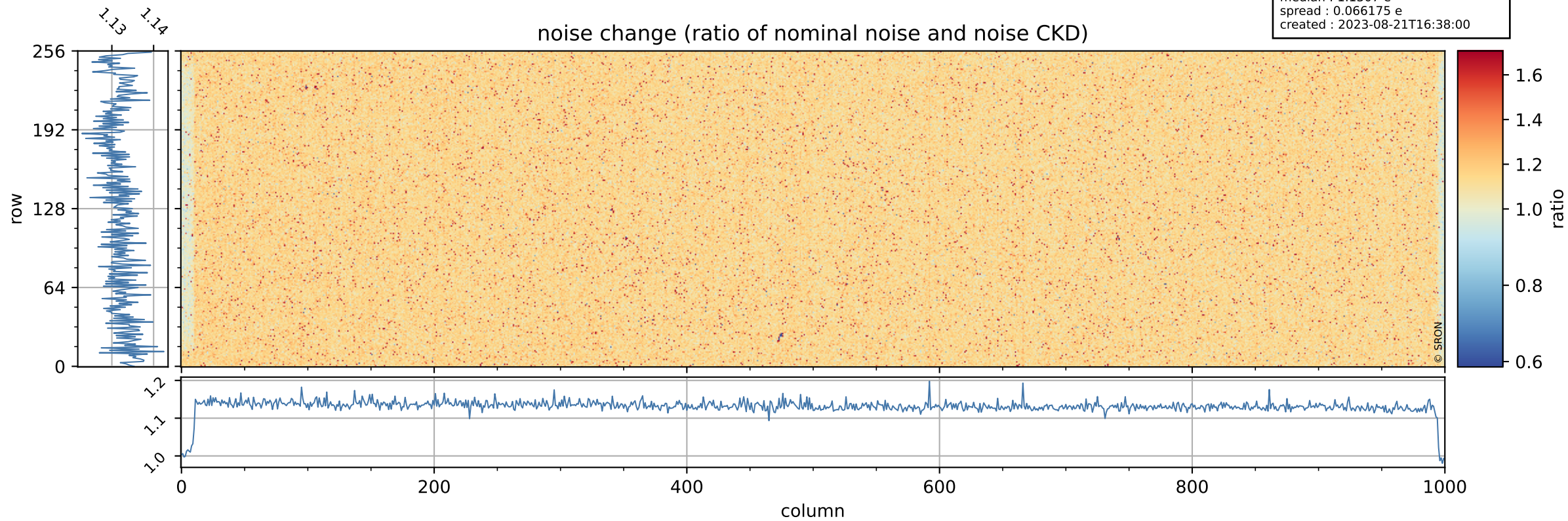
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
median : 1.0031 e
spread : 0.00939 e
created : 2023-08-21T16:38:00



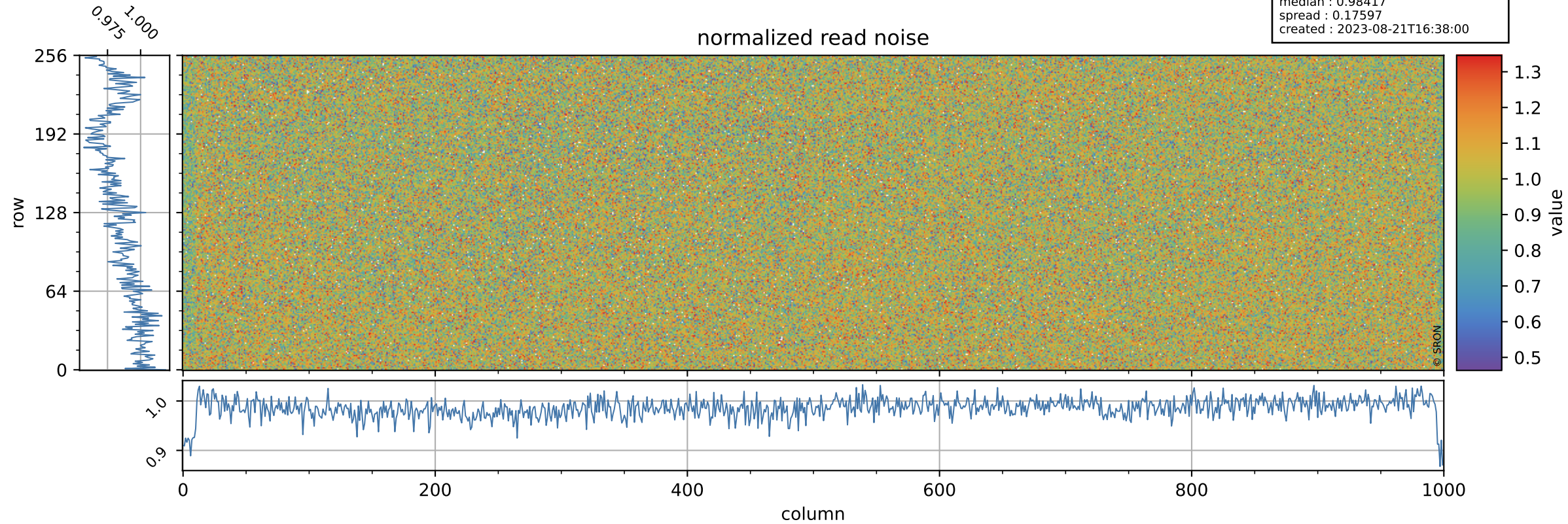
Tropomi SWIR background noise (swir)

orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
median : 1.1307 e
spread : 0.066175 e
created : 2023-08-21T16:38:00



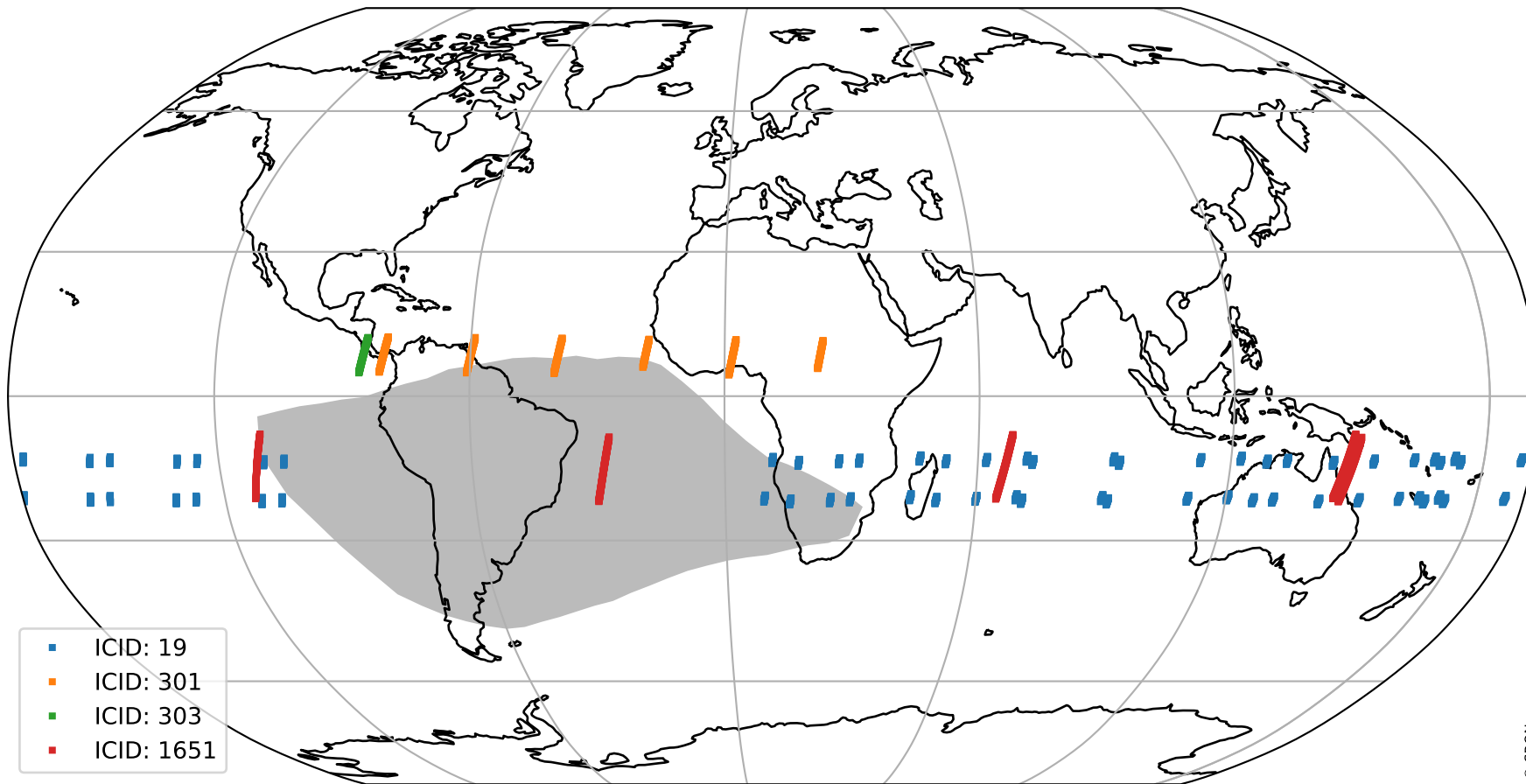
Tropomi SWIR background noise (swir)

orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
median : 0.98417
spread : 0.17597
created : 2023-08-21T16:38:00



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

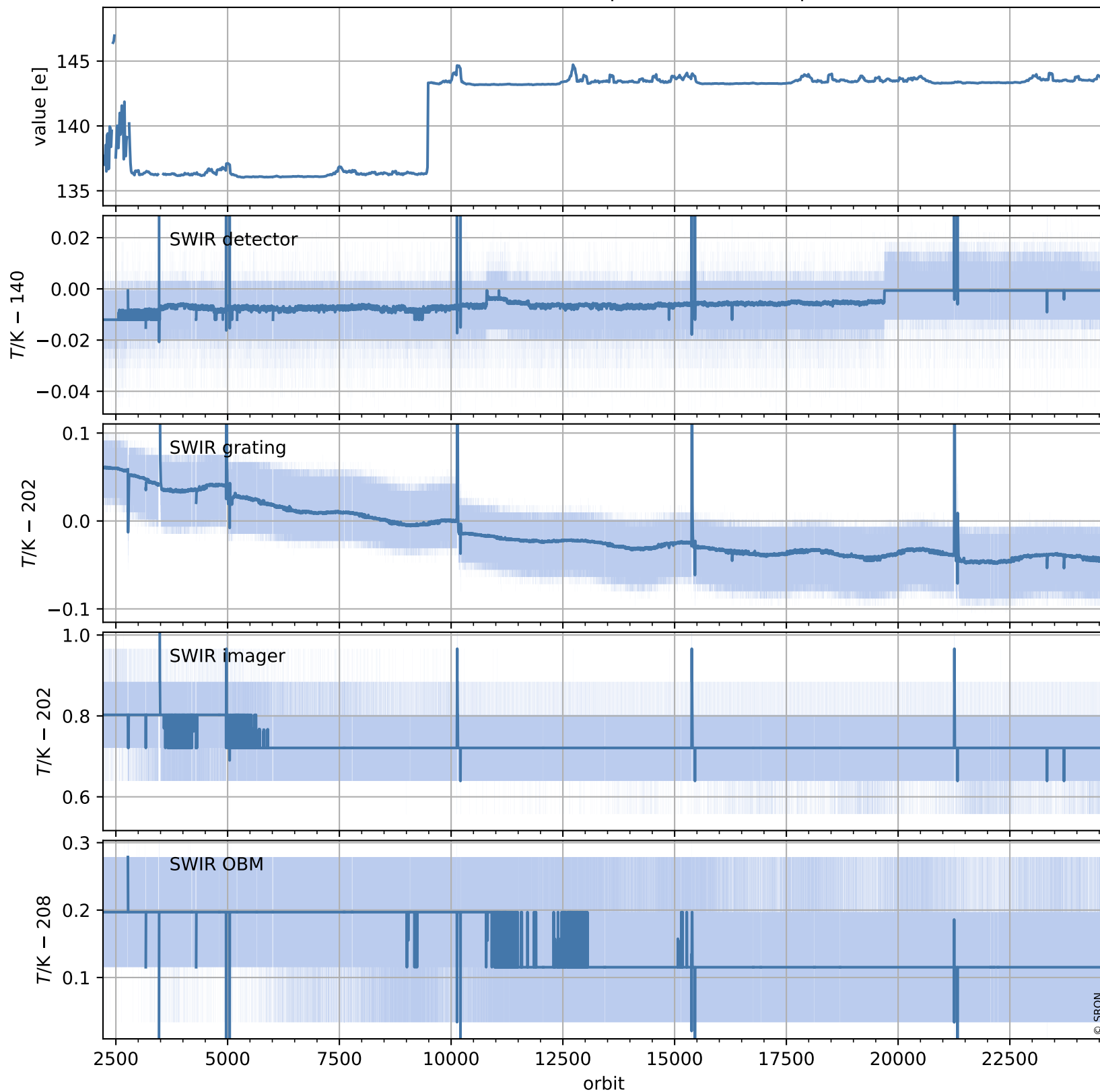
orbits : 12 in [24532, 24622]
coverage : 2022-07-08 / 2022-07-14
created : 2023-08-21T16:38:01



Tropomi SWIR background noise (swir)

orbits : [2212, 24622]
coverage : 2018-03-18 / 2022-07-14
created : 2023-08-21T16:38:01

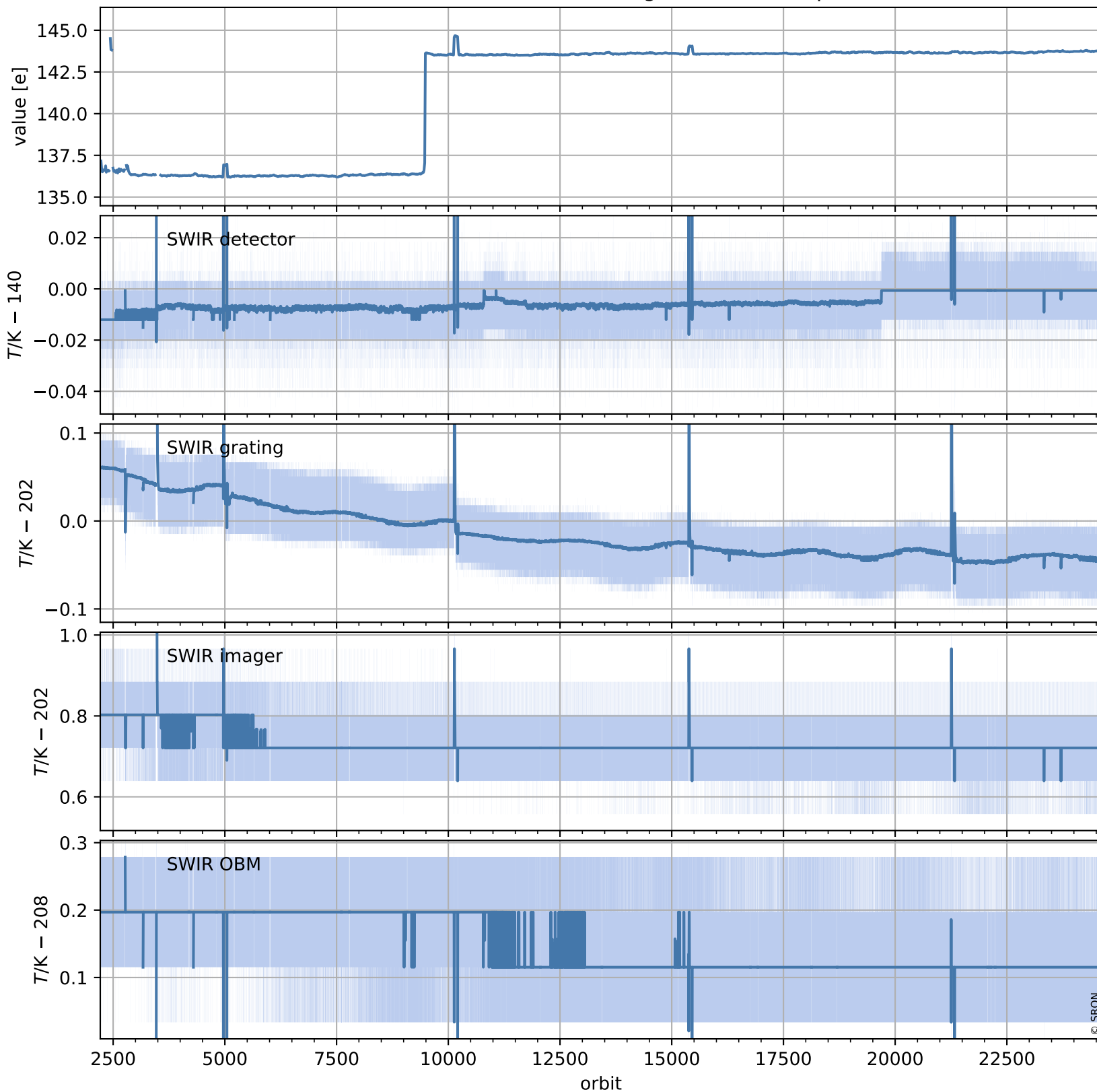
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24622]
coverage : 2018-03-18 / 2022-07-14
created : 2023-08-21T16:38:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24622]
coverage : 2018-03-18 / 2022-07-14
created : 2023-08-21T16:38:03

trend of normalized read-noise & temperatures

