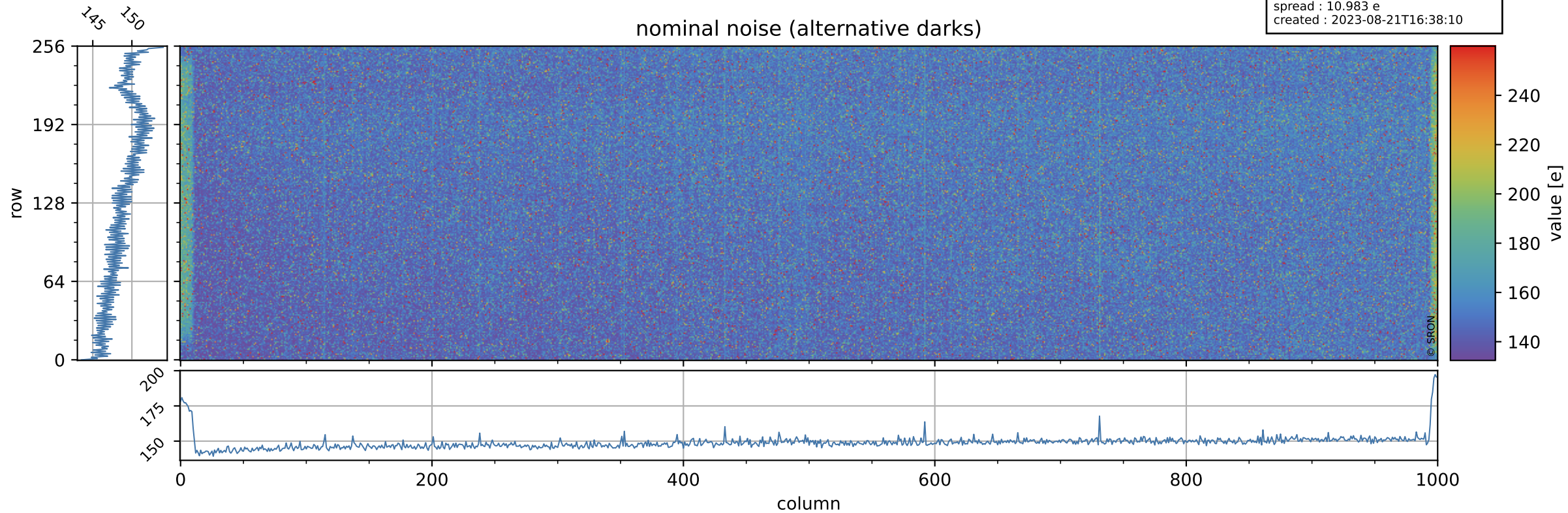


Tropomi SWIR background noise (swir)

orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.983 e
created : 2023-08-21T16:38:10

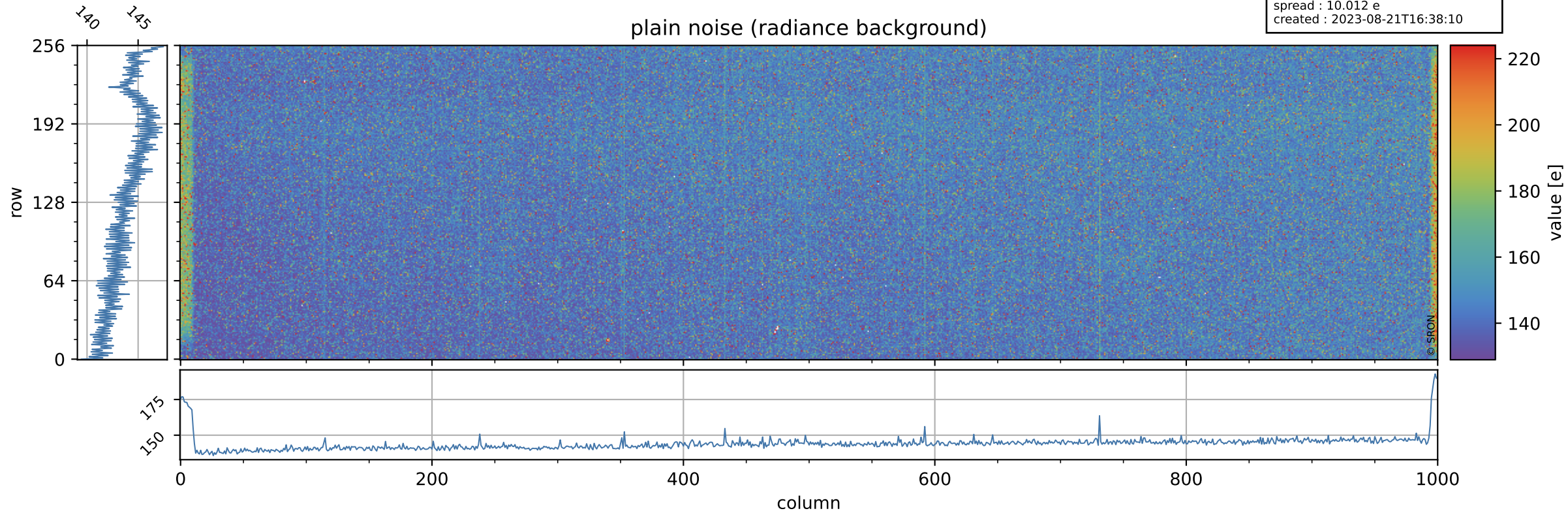
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 10.012 e
created : 2023-08-21T16:38:10

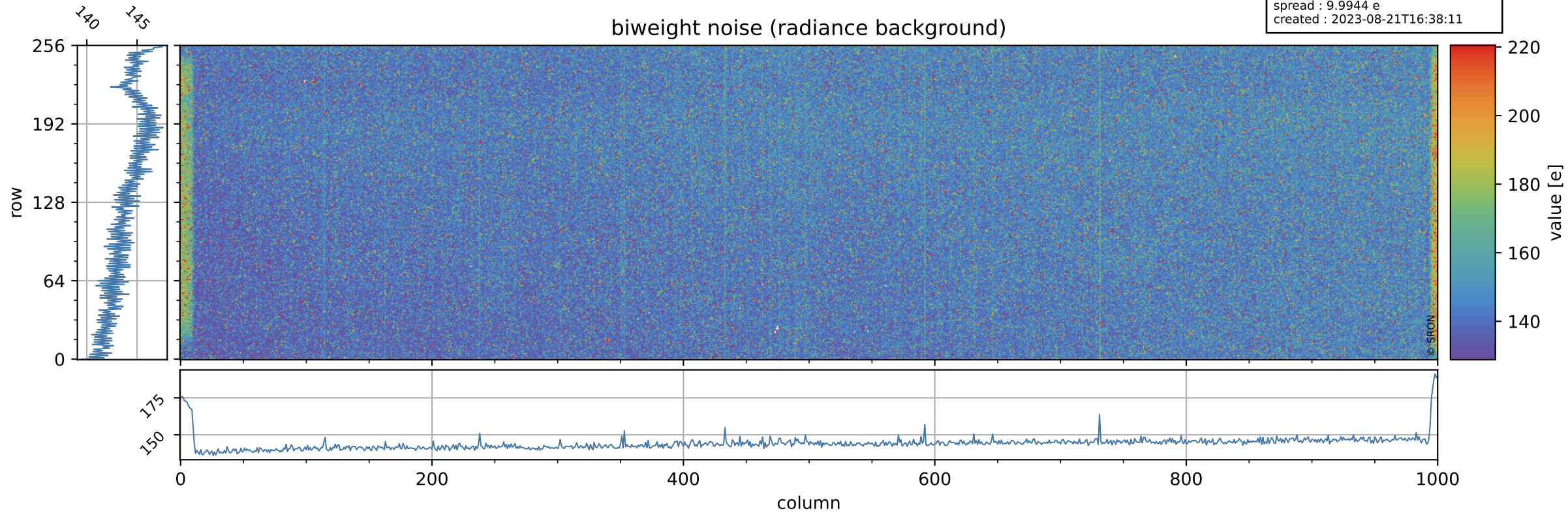
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9944 e
created : 2023-08-21T16:38:11

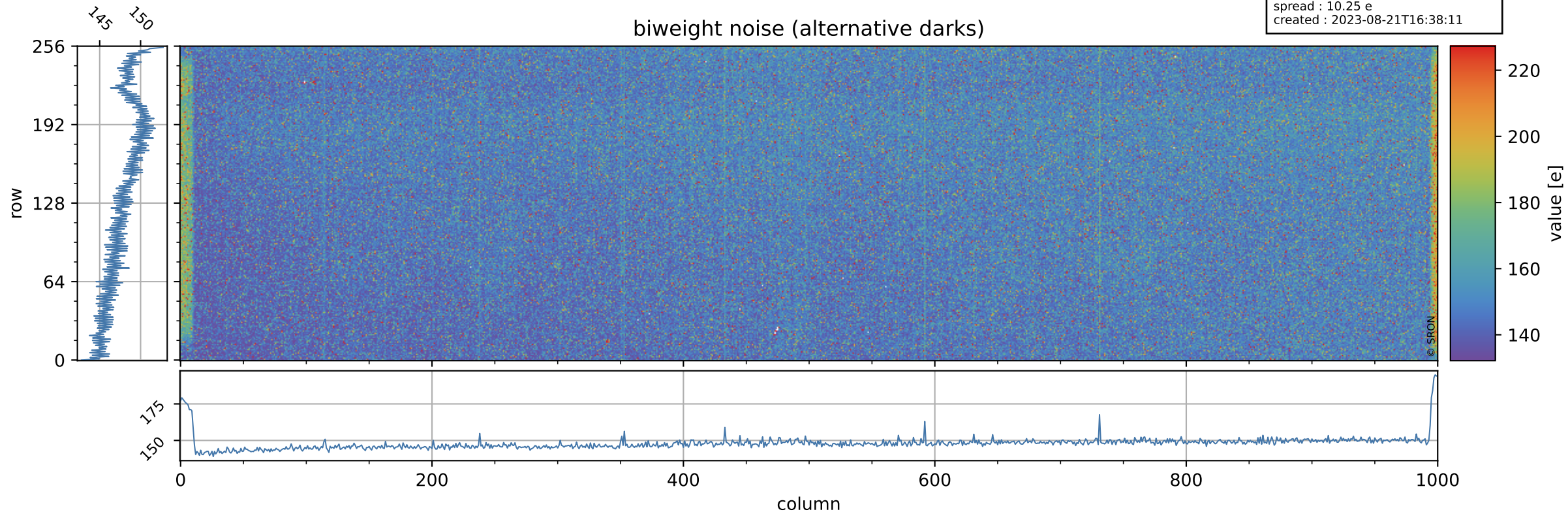
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.25 e
created : 2023-08-21T16:38:11

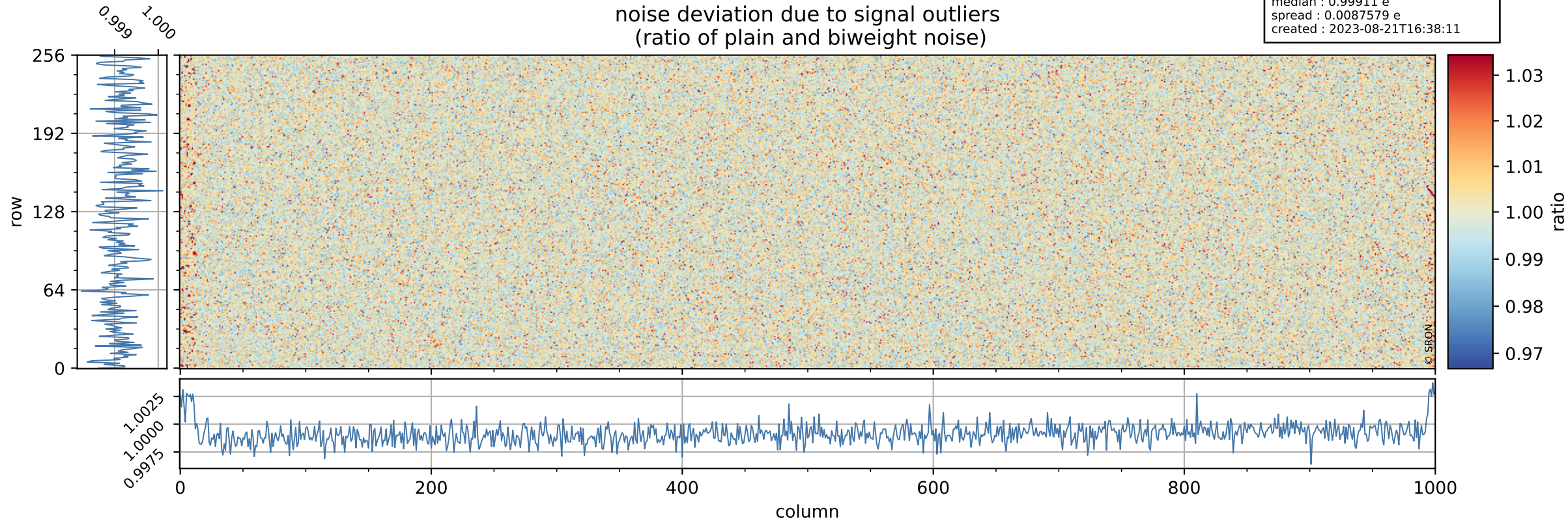
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

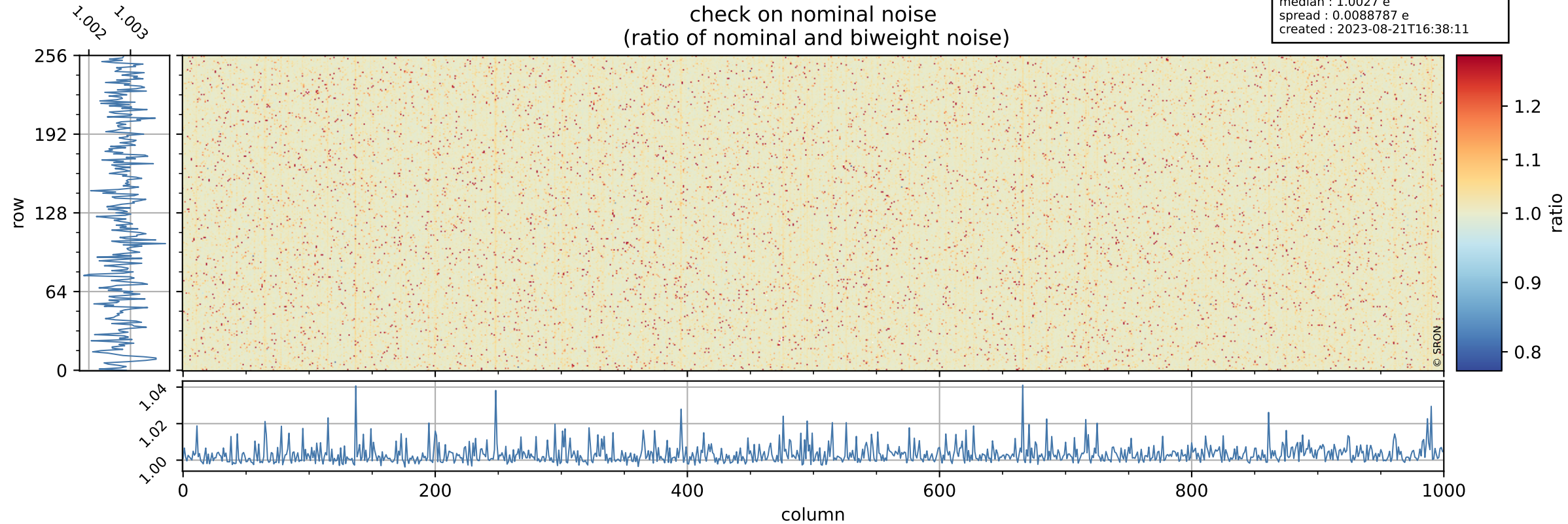
orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
median : 0.99911 e
spread : 0.0087579 e
created : 2023-08-21T16:38:11



Tropomi SWIR background noise (swir)

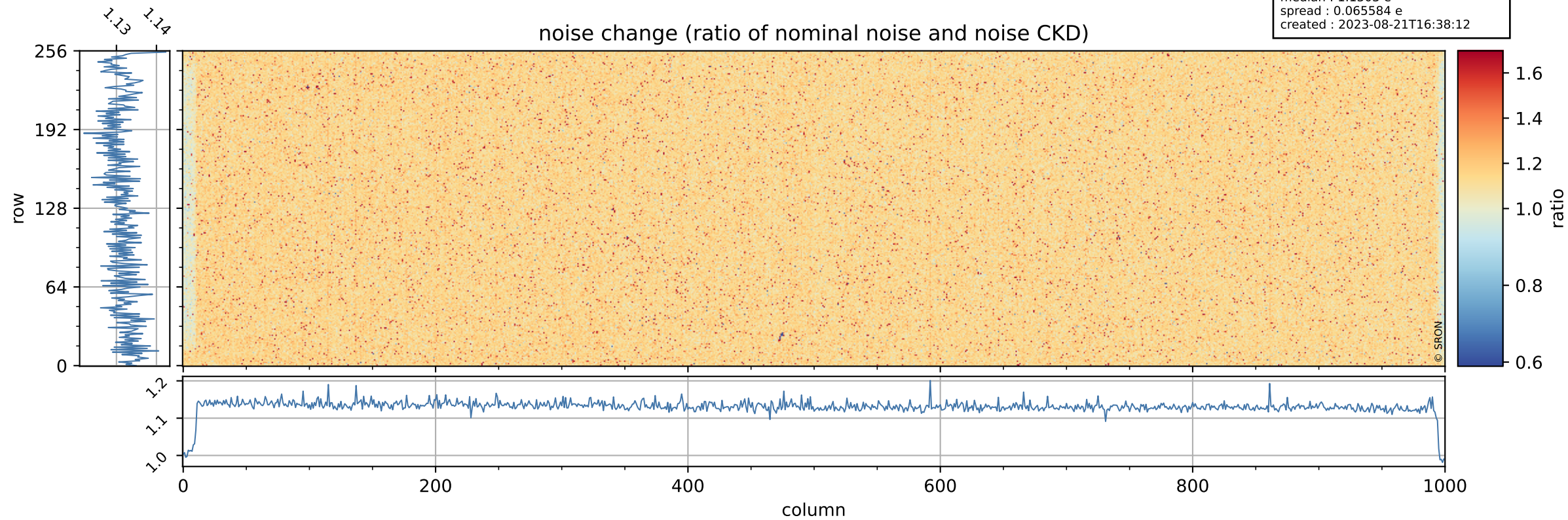
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
median : 1.0027 e
spread : 0.0088787 e
created : 2023-08-21T16:38:11



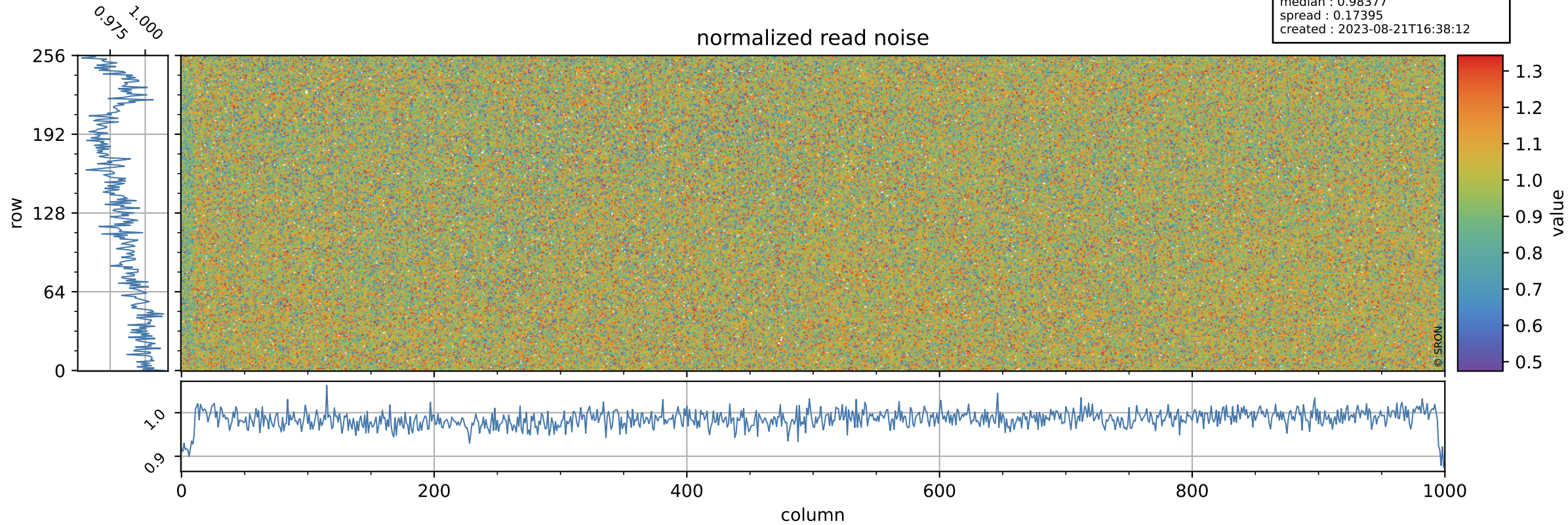
Tropomi SWIR background noise (swir)

orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
median : 1.1303 e
spread : 0.065584 e
created : 2023-08-21T16:38:12



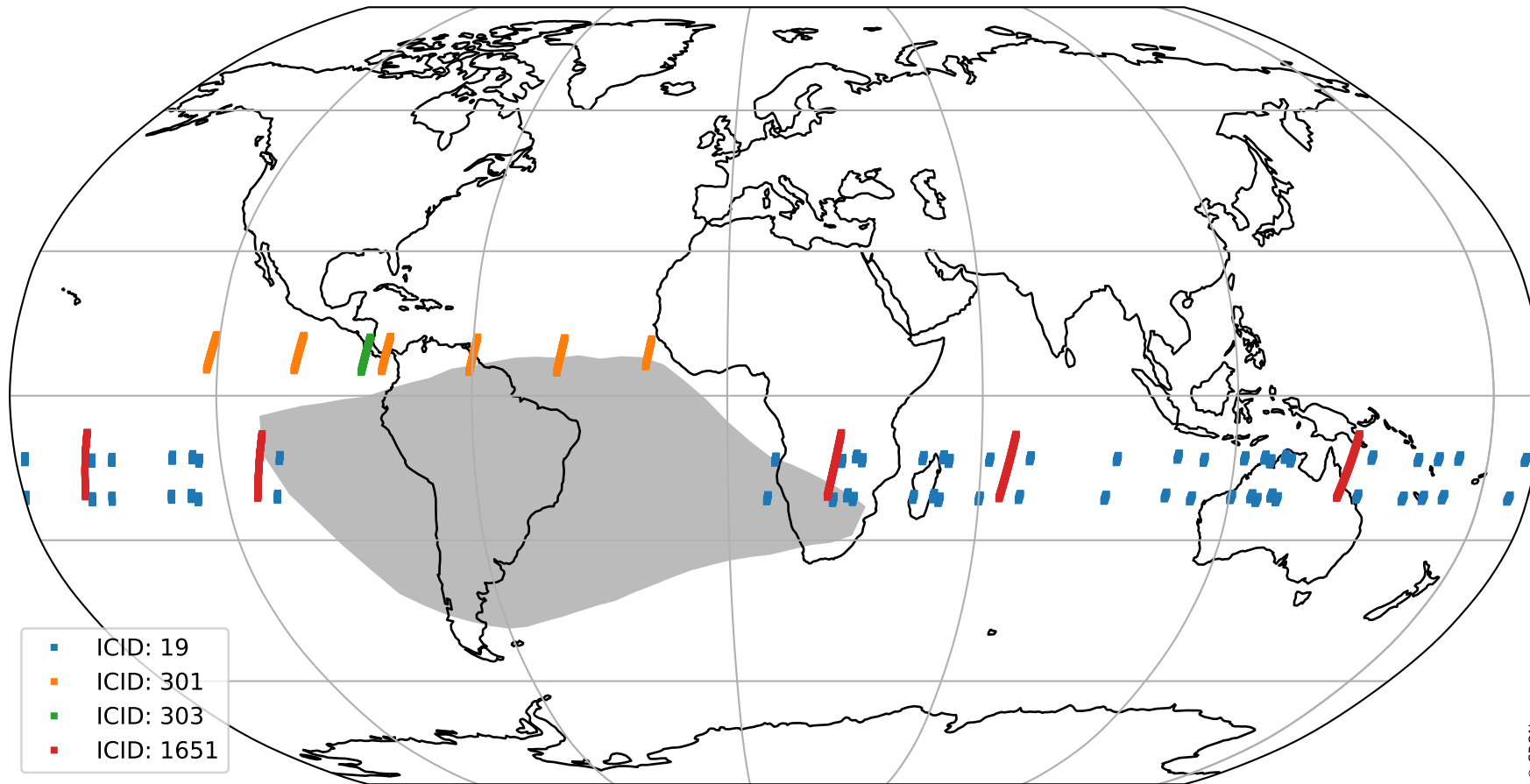
Tropomi SWIR background noise (swir)

orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
median : 0.98377
spread : 0.17395
created : 2023-08-21T16:38:12



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

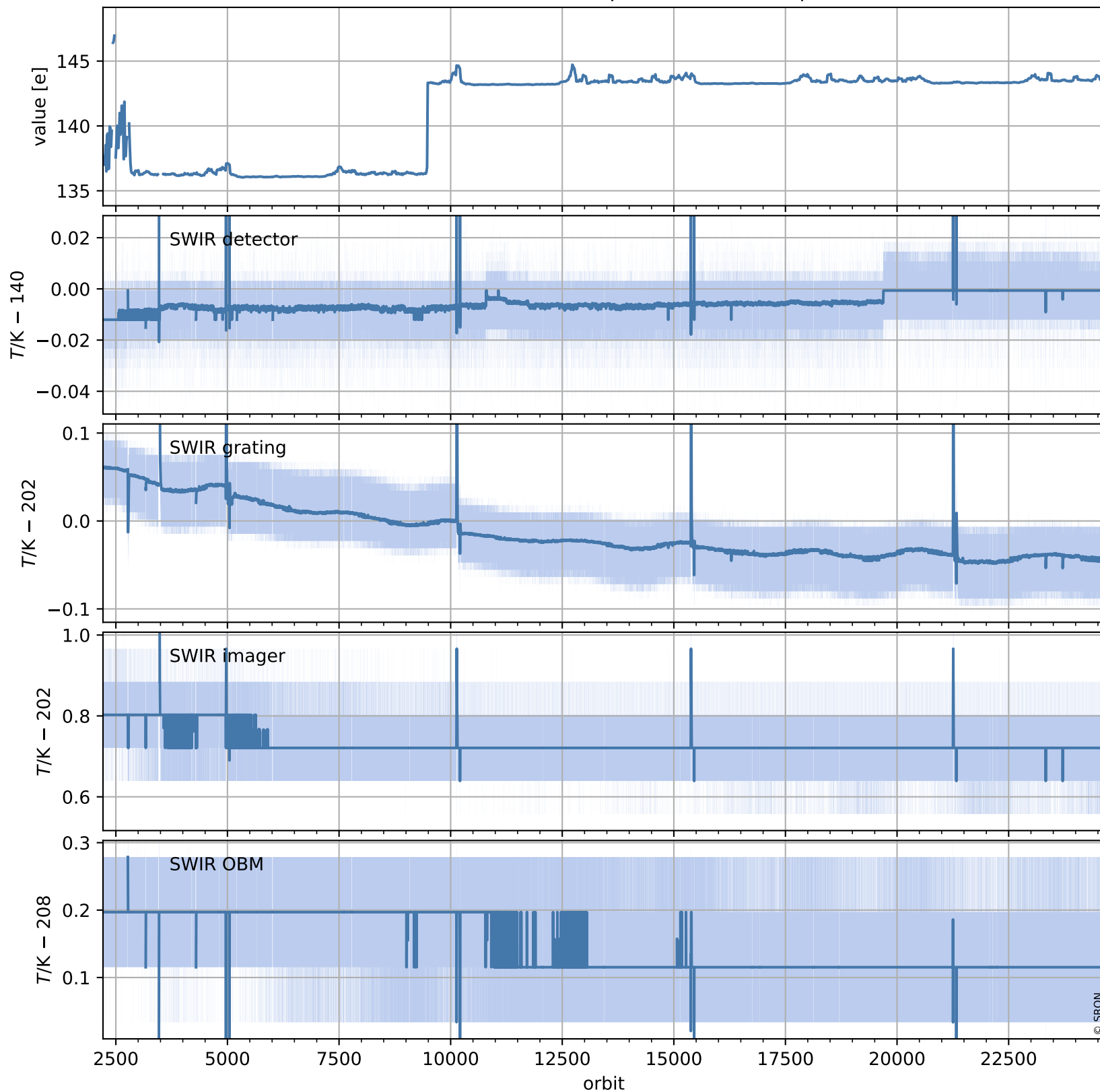
orbits : 12 in [24562, 24652]
coverage : 2022-07-11 / 2022-07-16
created : 2023-08-21T16:38:12



Tropomi SWIR background noise (swir)

orbits : [2212, 24652]
coverage : 2018-03-18 / 2022-07-16
created : 2023-08-21T16:38:13

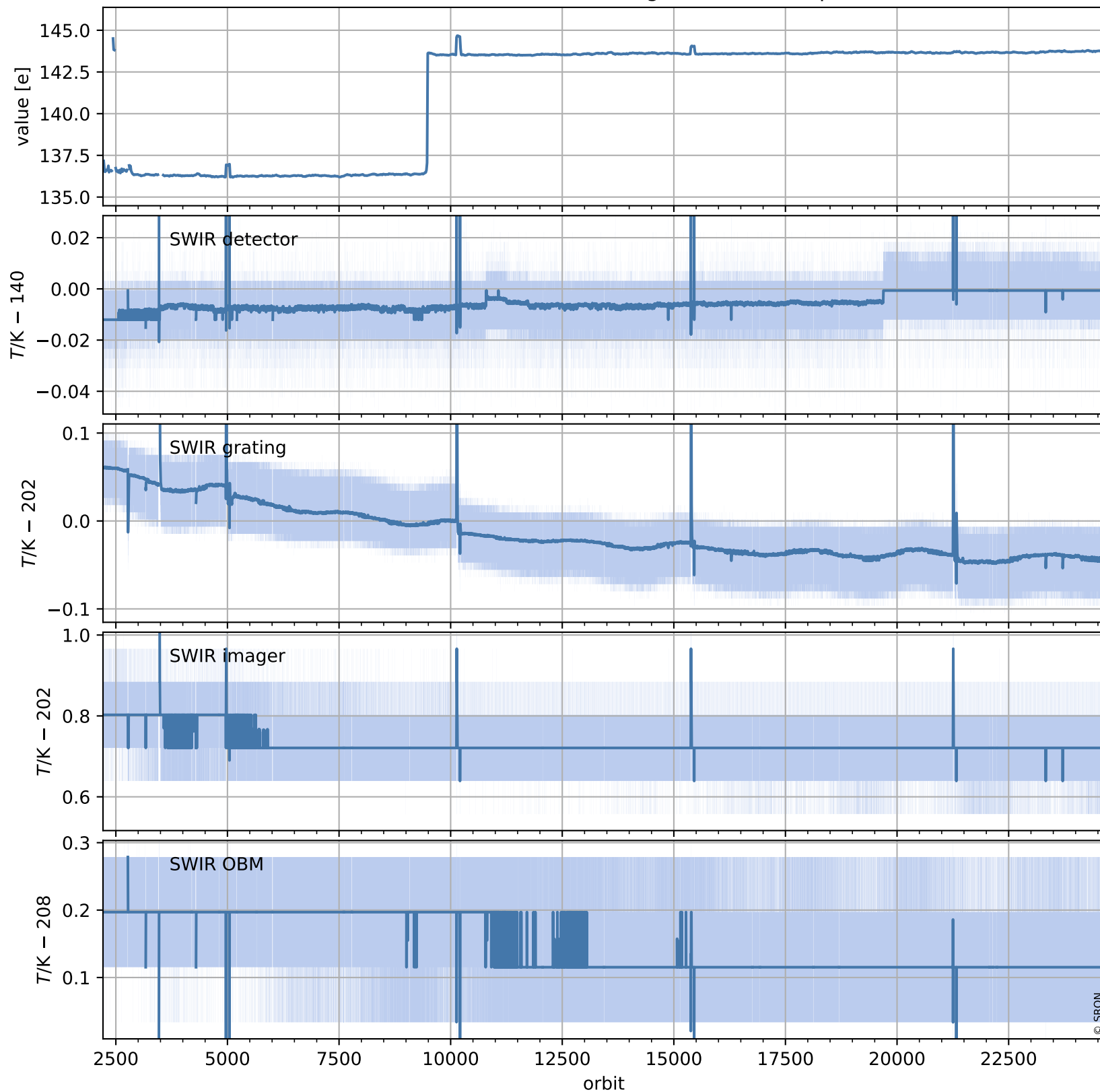
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24652]
coverage : 2018-03-18 / 2022-07-16
created : 2023-08-21T16:38:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24652]
coverage : 2018-03-18 / 2022-07-16
created : 2023-08-21T16:38:15

trend of normalized read-noise & temperatures

