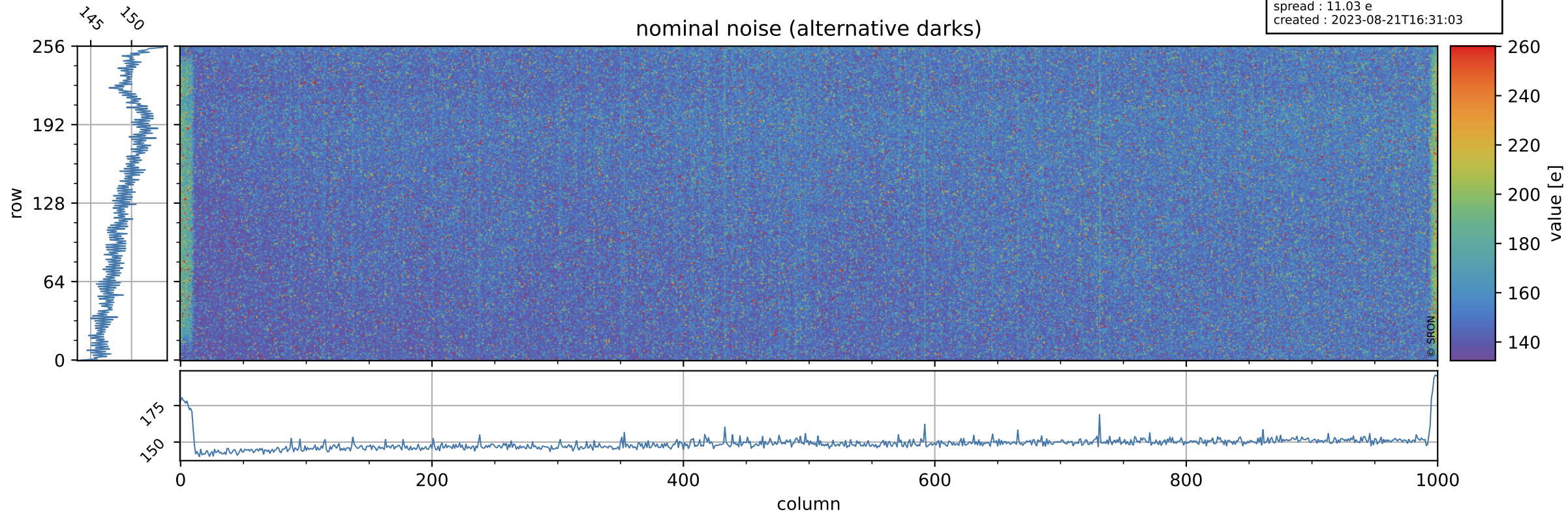


Tropomi SWIR background noise (swir)

orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 11.03 e
created : 2023-08-21T16:31:03

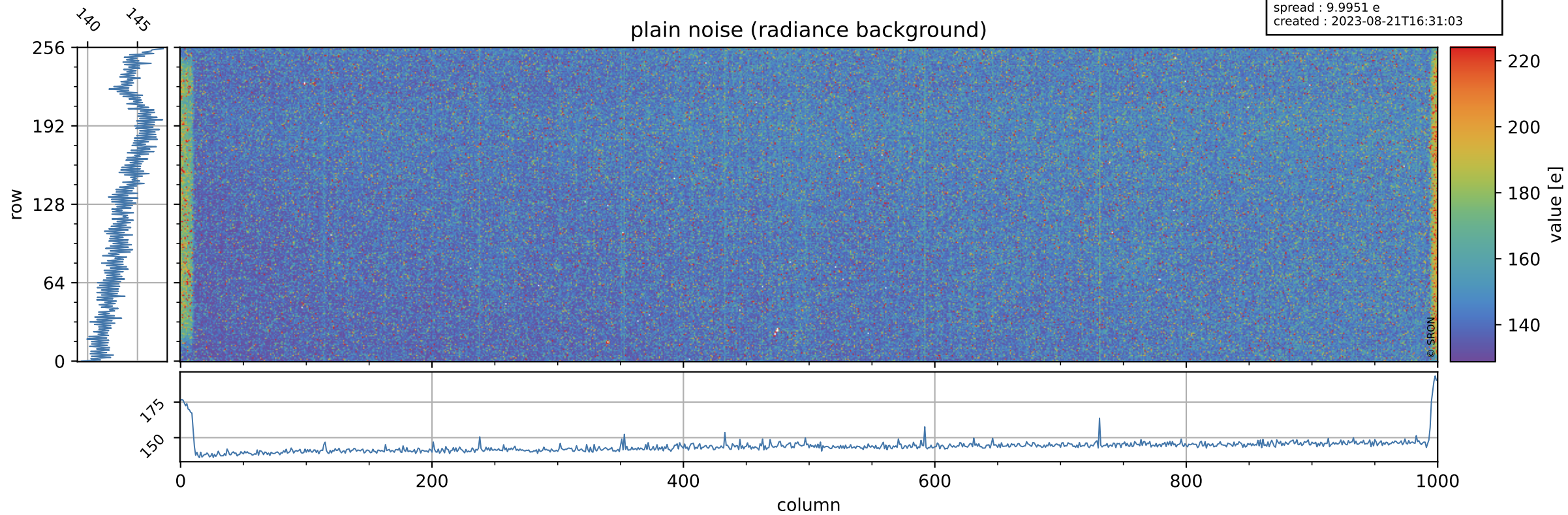
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.9951 e
created : 2023-08-21T16:31:03

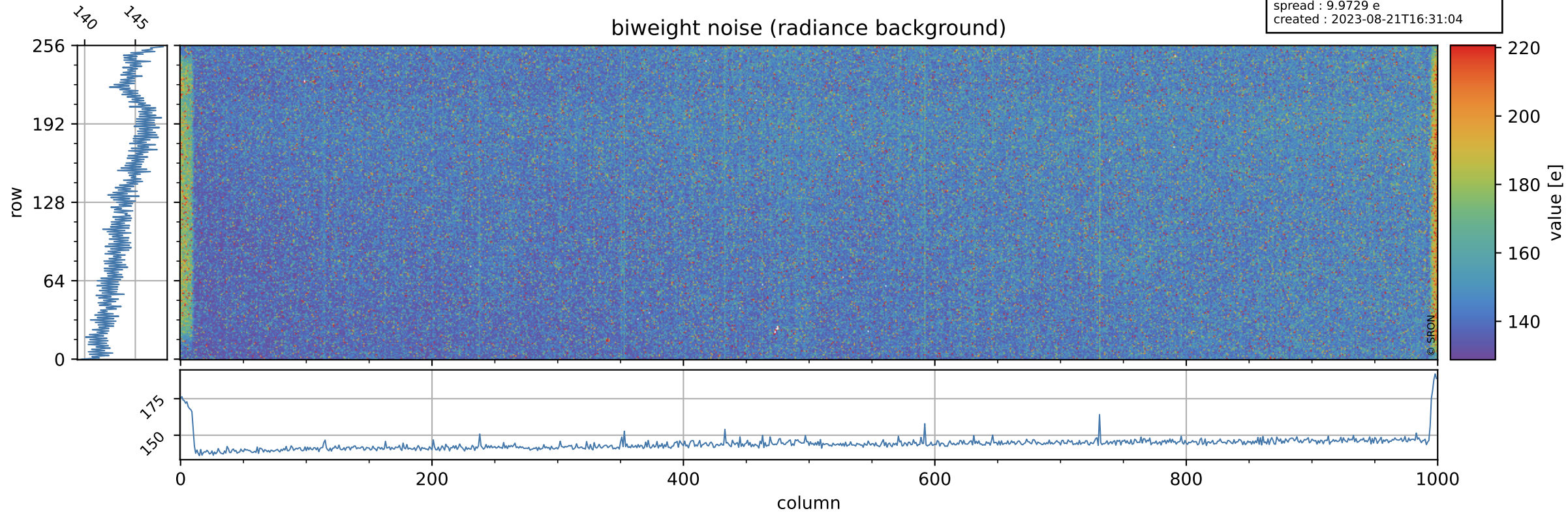
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9729 e
created : 2023-08-21T16:31:04

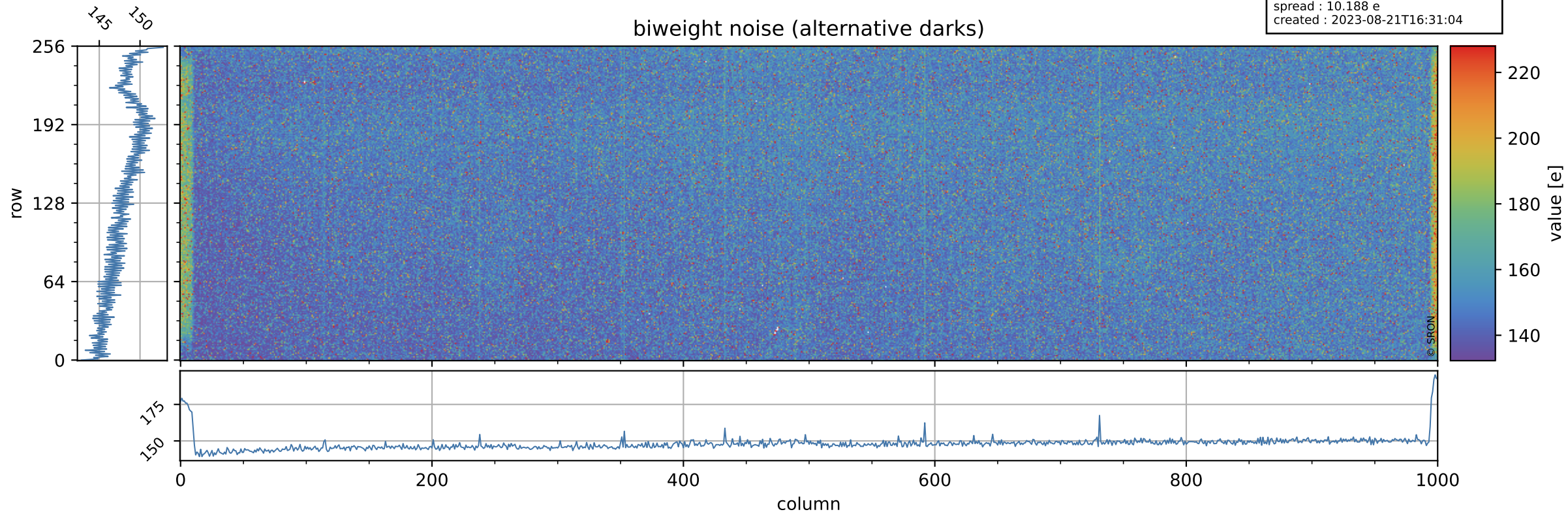
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.188 e
created : 2023-08-21T16:31:04

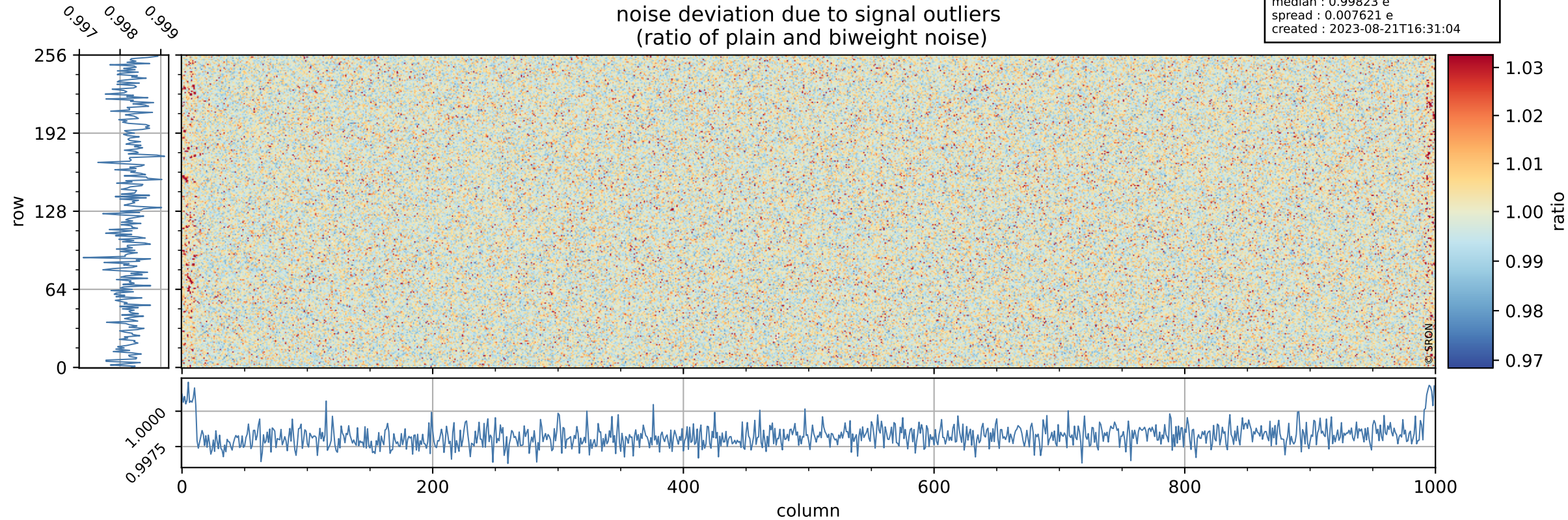
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

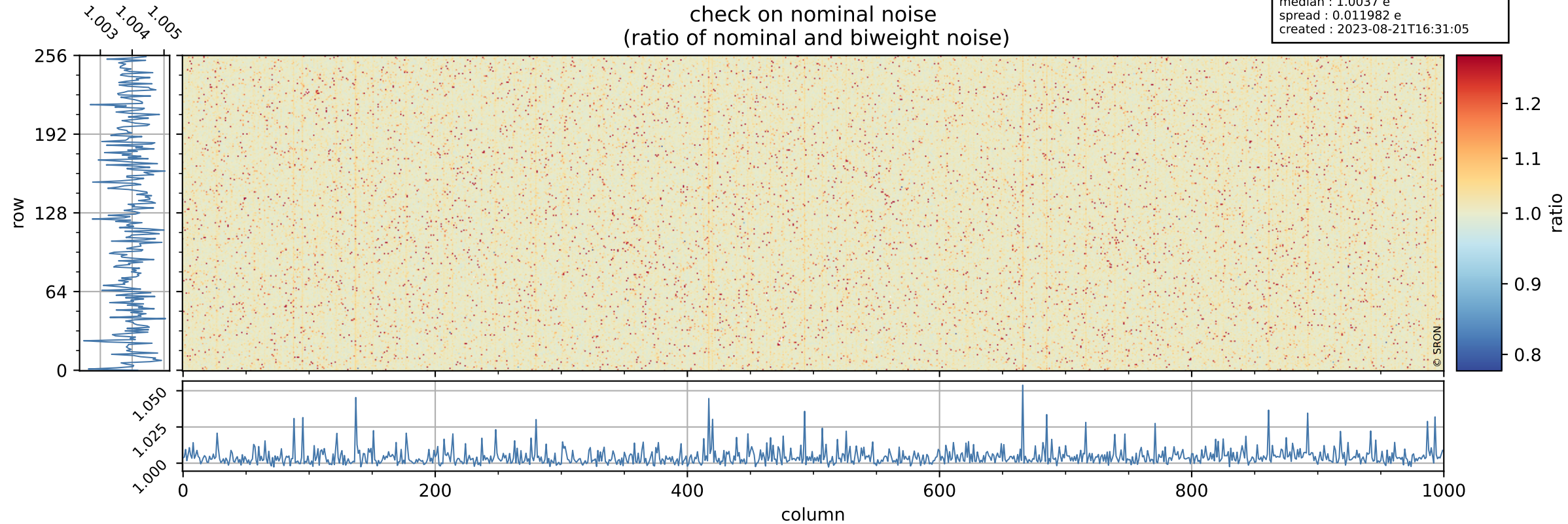
orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
median : 0.99823 e
spread : 0.007621 e
created : 2023-08-21T16:31:04



Tropomi SWIR background noise (swir)

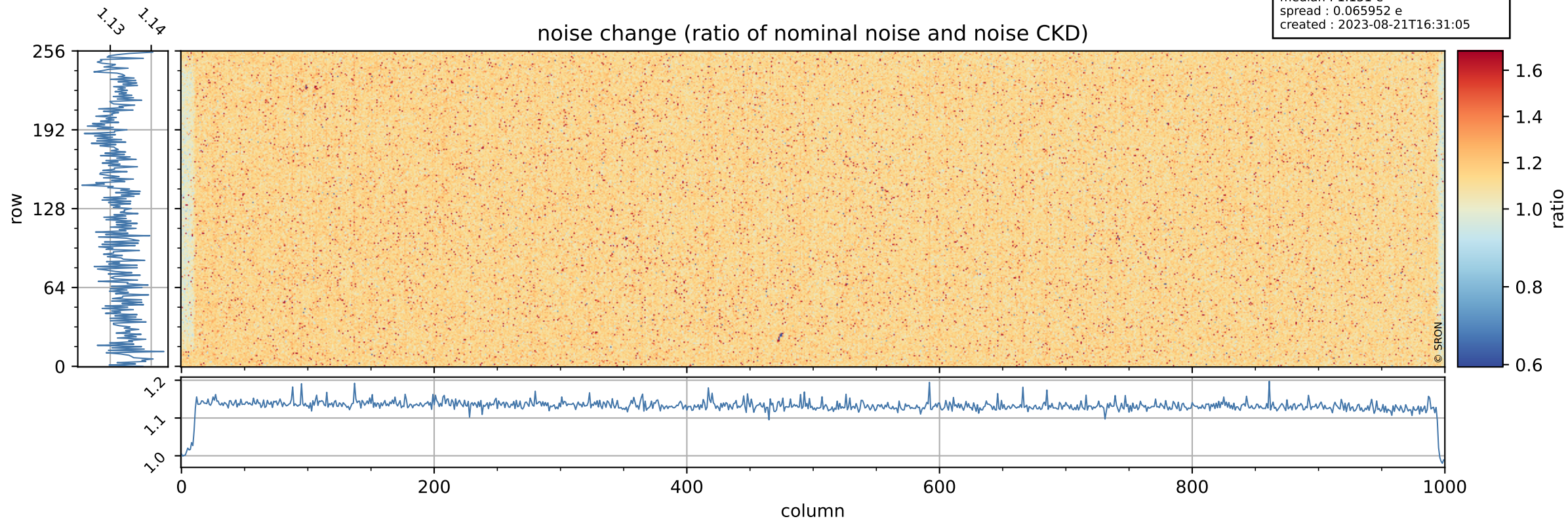
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
median : 1.0037 e
spread : 0.011982 e
created : 2023-08-21T16:31:05



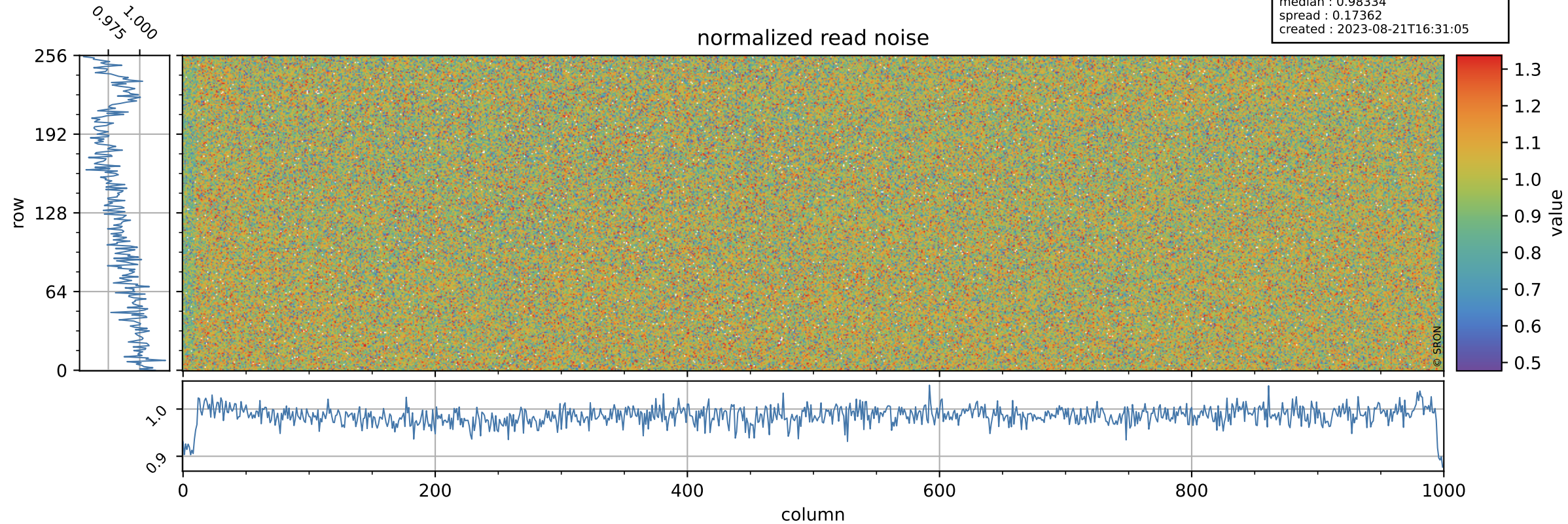
Tropomi SWIR background noise (swir)

orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
median : 1.131 e
spread : 0.065952 e
created : 2023-08-21T16:31:05



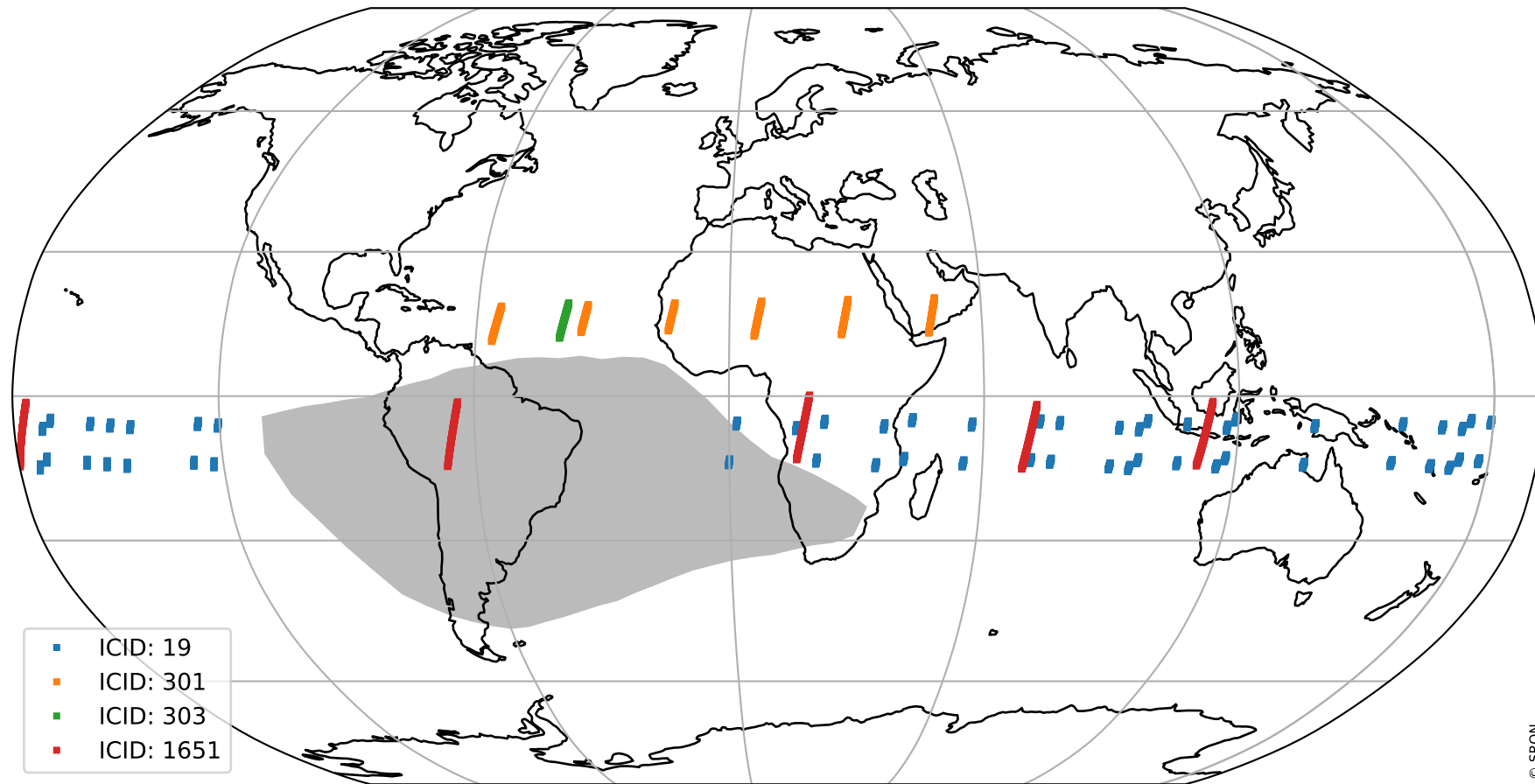
Tropomi SWIR background noise (swir)

orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
median : 0.98334
spread : 0.17362
created : 2023-08-21T16:31:05



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

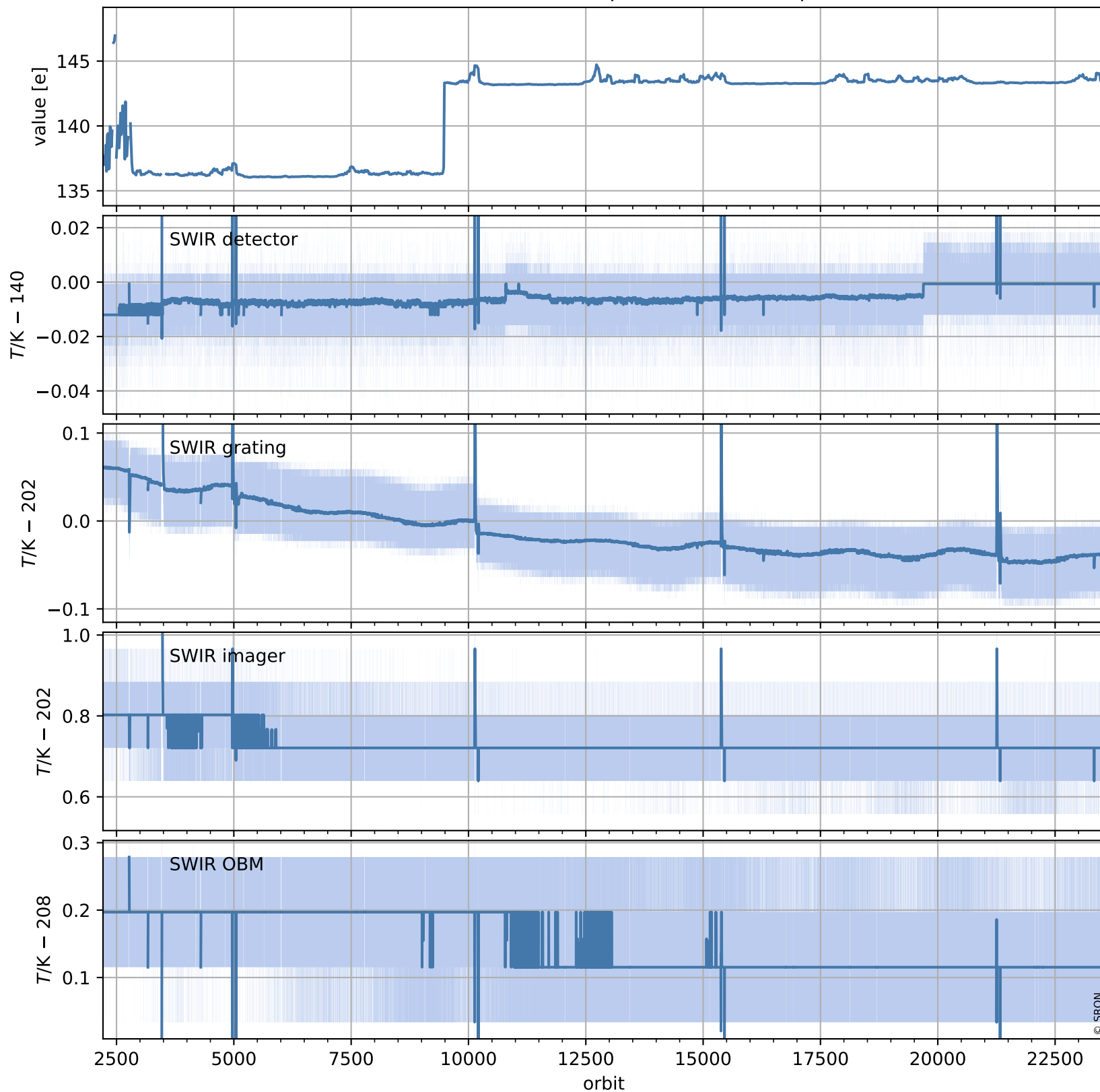
orbits : 12 in [23467, 23557]
coverage : 2022-04-24 / 2022-04-30
created : 2023-08-21T16:31:05



Tropomi SWIR background noise (swir)

orbits : [2212, 23557]
coverage : 2018-03-18 / 2022-04-30
created : 2023-08-21T16:31:06

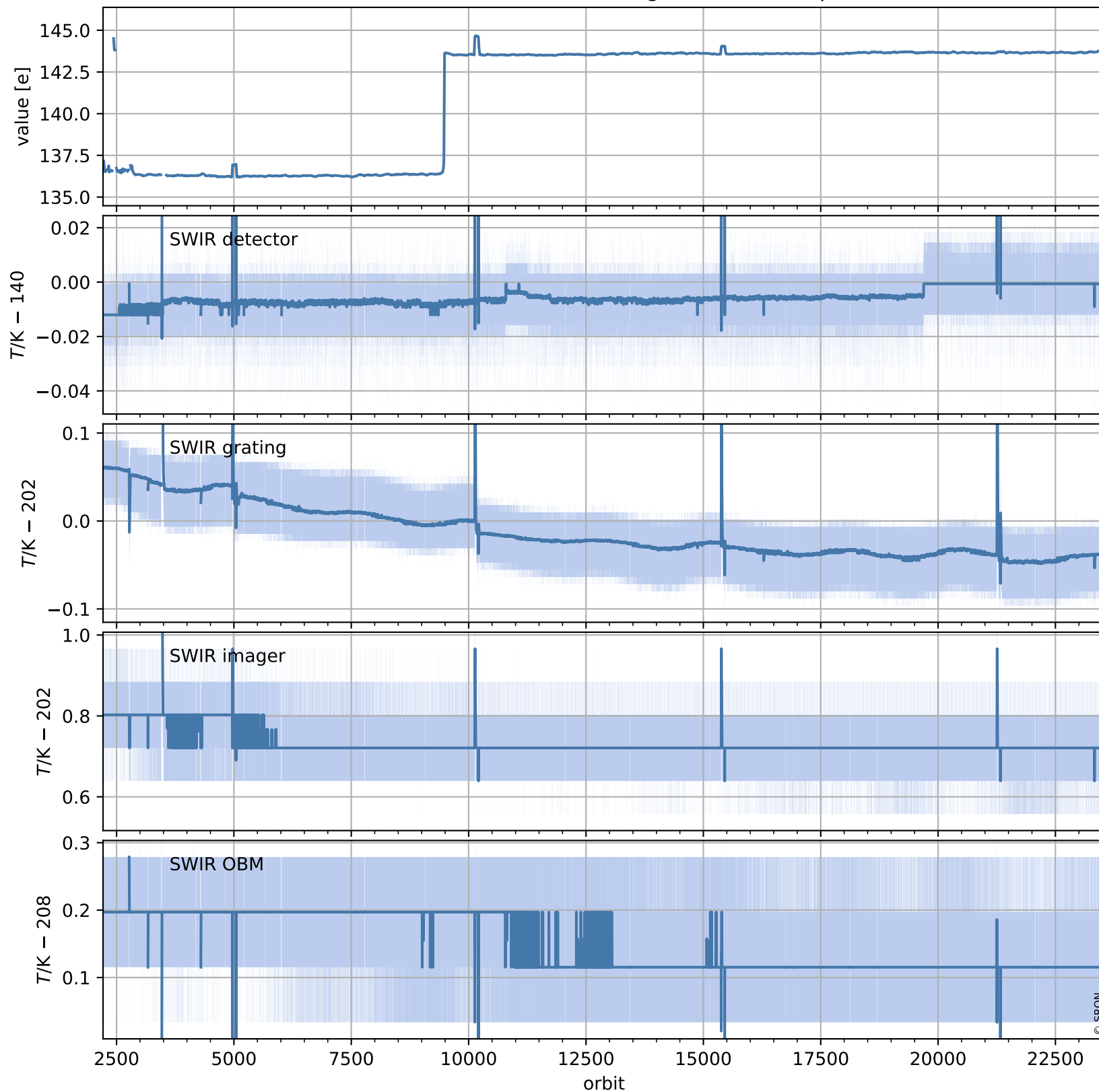
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23557]
coverage : 2018-03-18 / 2022-04-30
created : 2023-08-21T16:31:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23557]
coverage : 2018-03-18 / 2022-04-30
created : 2023-08-21T16:31:08

trend of normalized read-noise & temperatures

