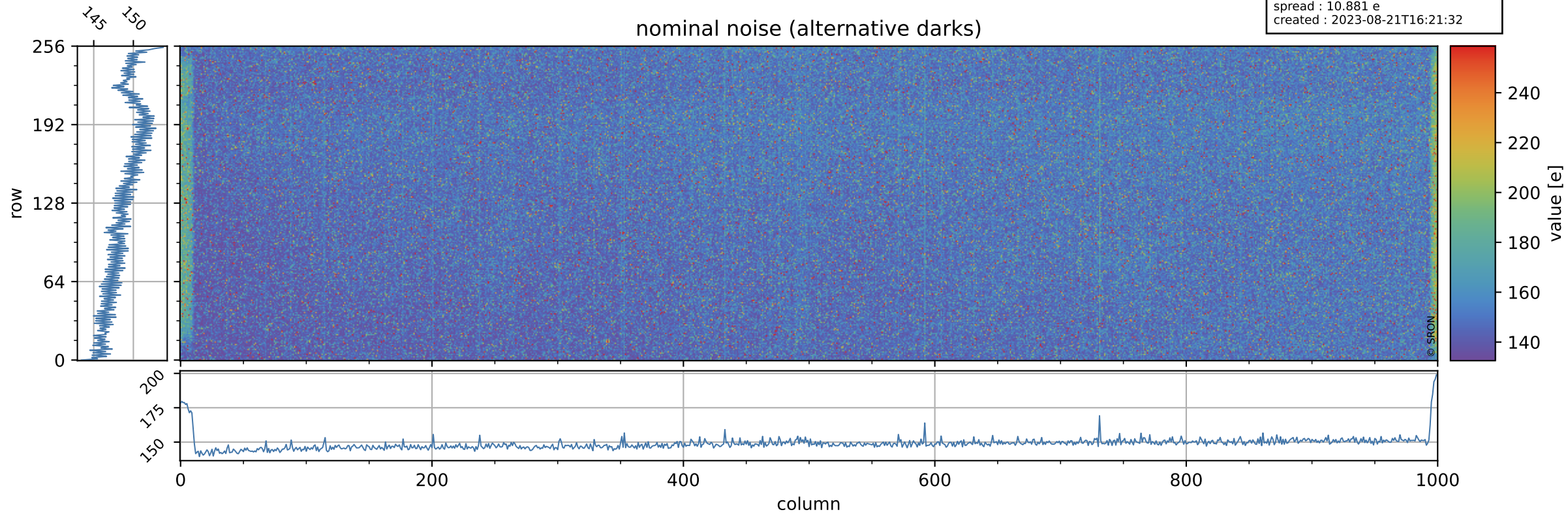


Tropomi SWIR background noise (swir)

orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.881 e
created : 2023-08-21T16:21:32

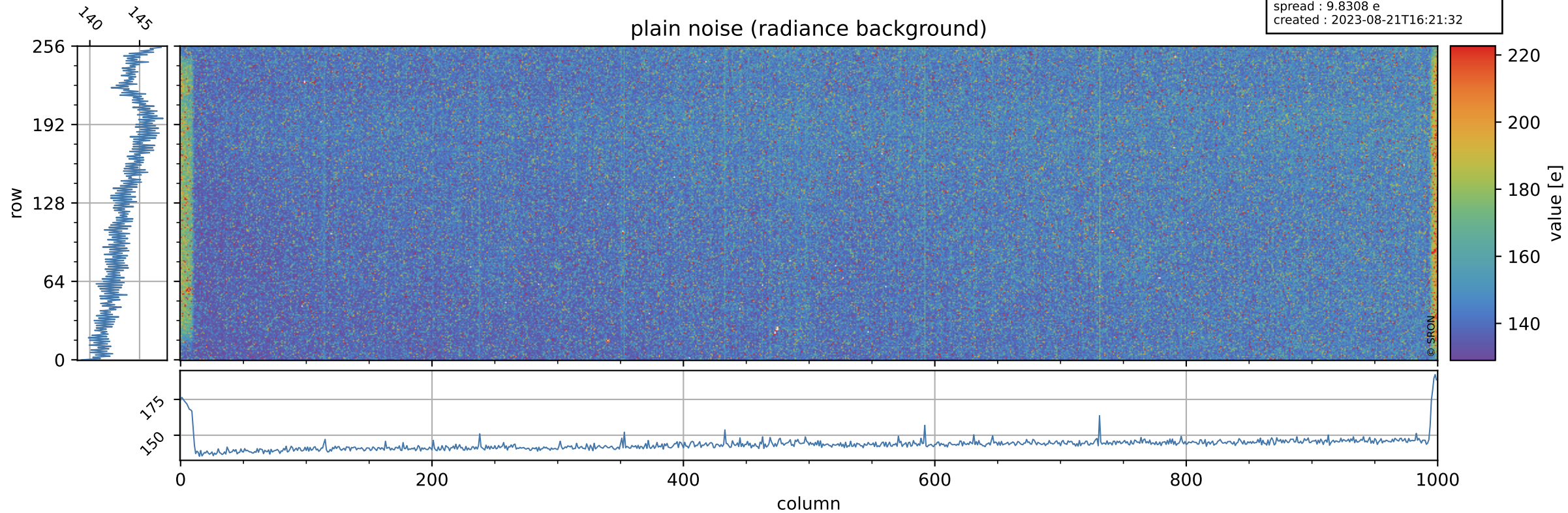
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8308 e
created : 2023-08-21T16:21:32

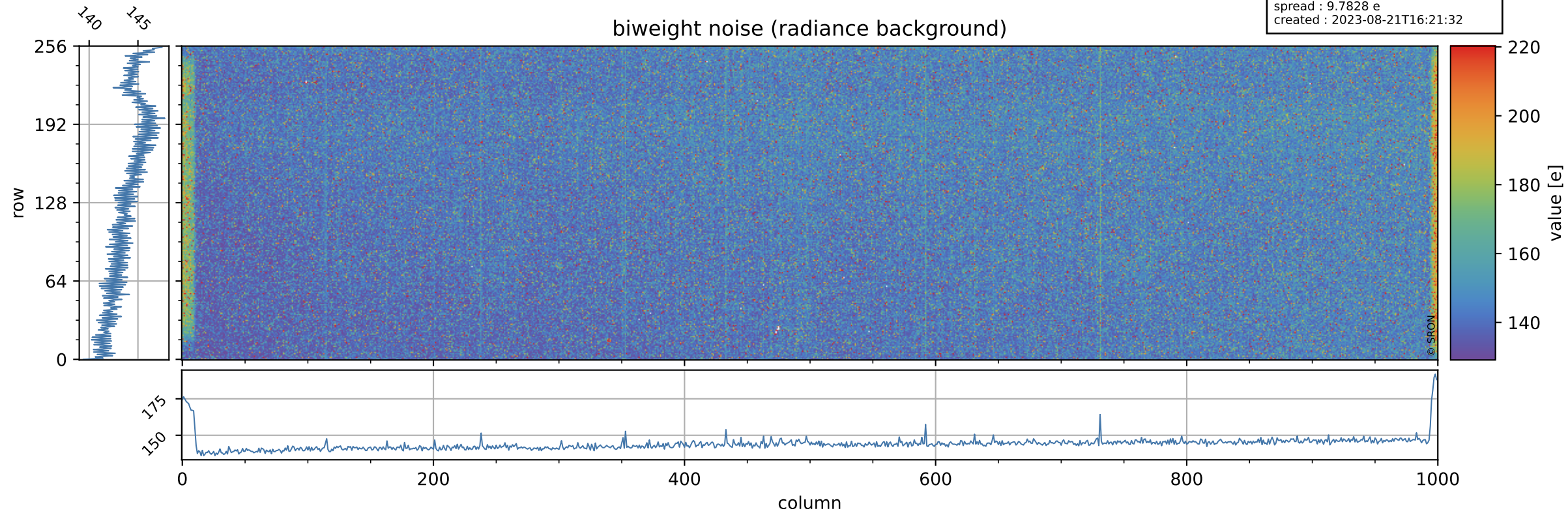
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7828 e
created : 2023-08-21T16:21:32

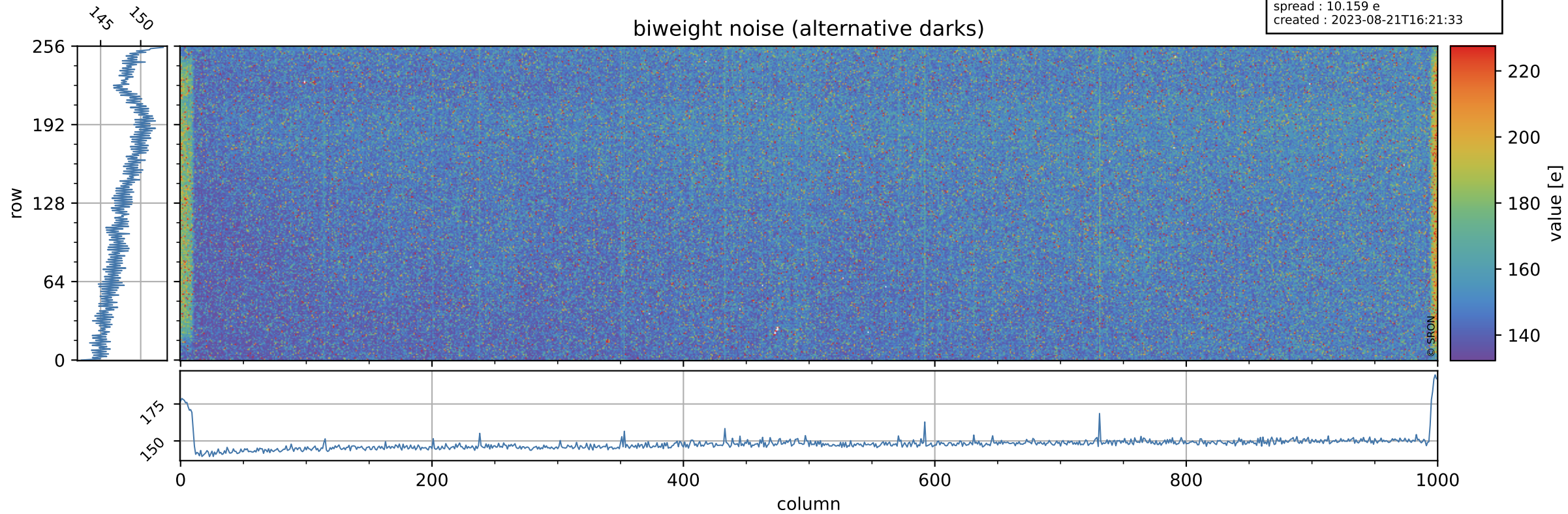
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.159 e
created : 2023-08-21T16:21:33

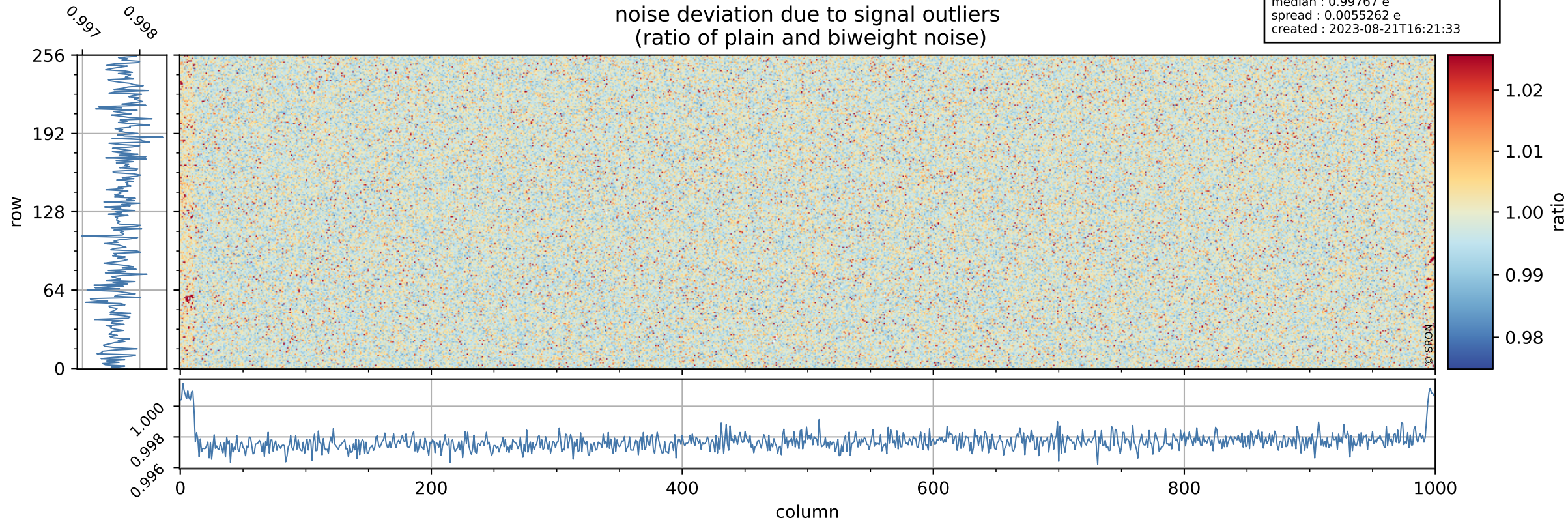
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

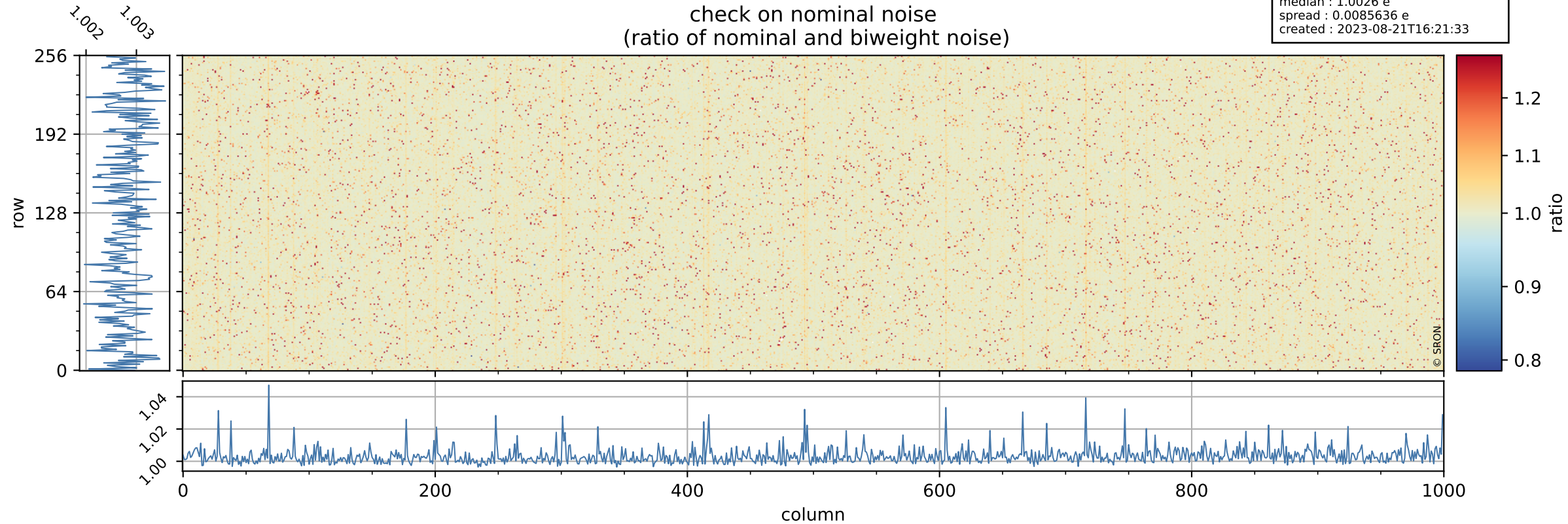
orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
median : 0.99767 e
spread : 0.0055262 e
created : 2023-08-21T16:21:33



Tropomi SWIR background noise (swir)

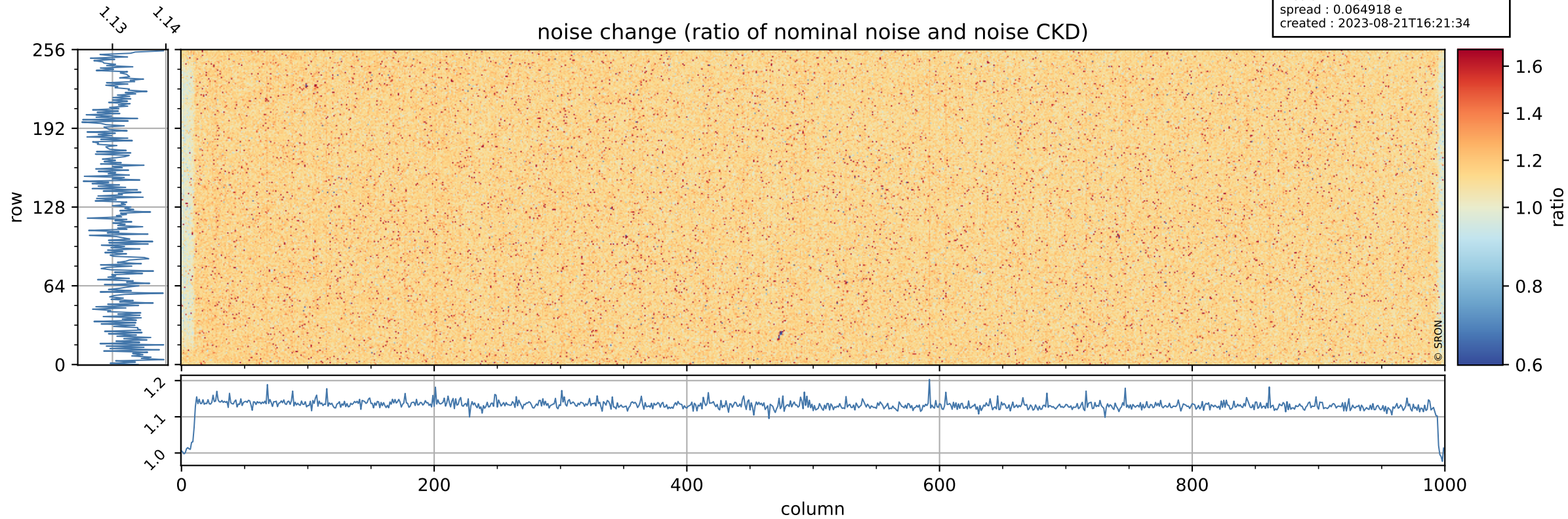
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
median : 1.0026 e
spread : 0.0085636 e
created : 2023-08-21T16:21:33



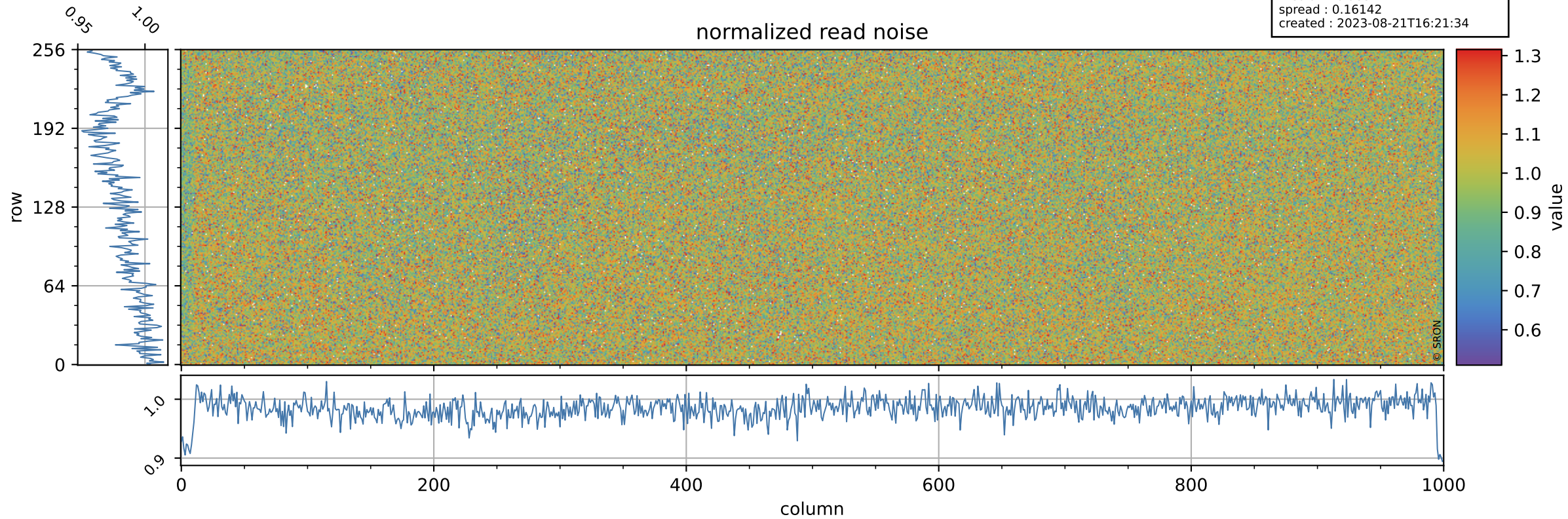
Tropomi SWIR background noise (swir)

orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
median : 1.1302 e
spread : 0.064918 e
created : 2023-08-21T16:21:34



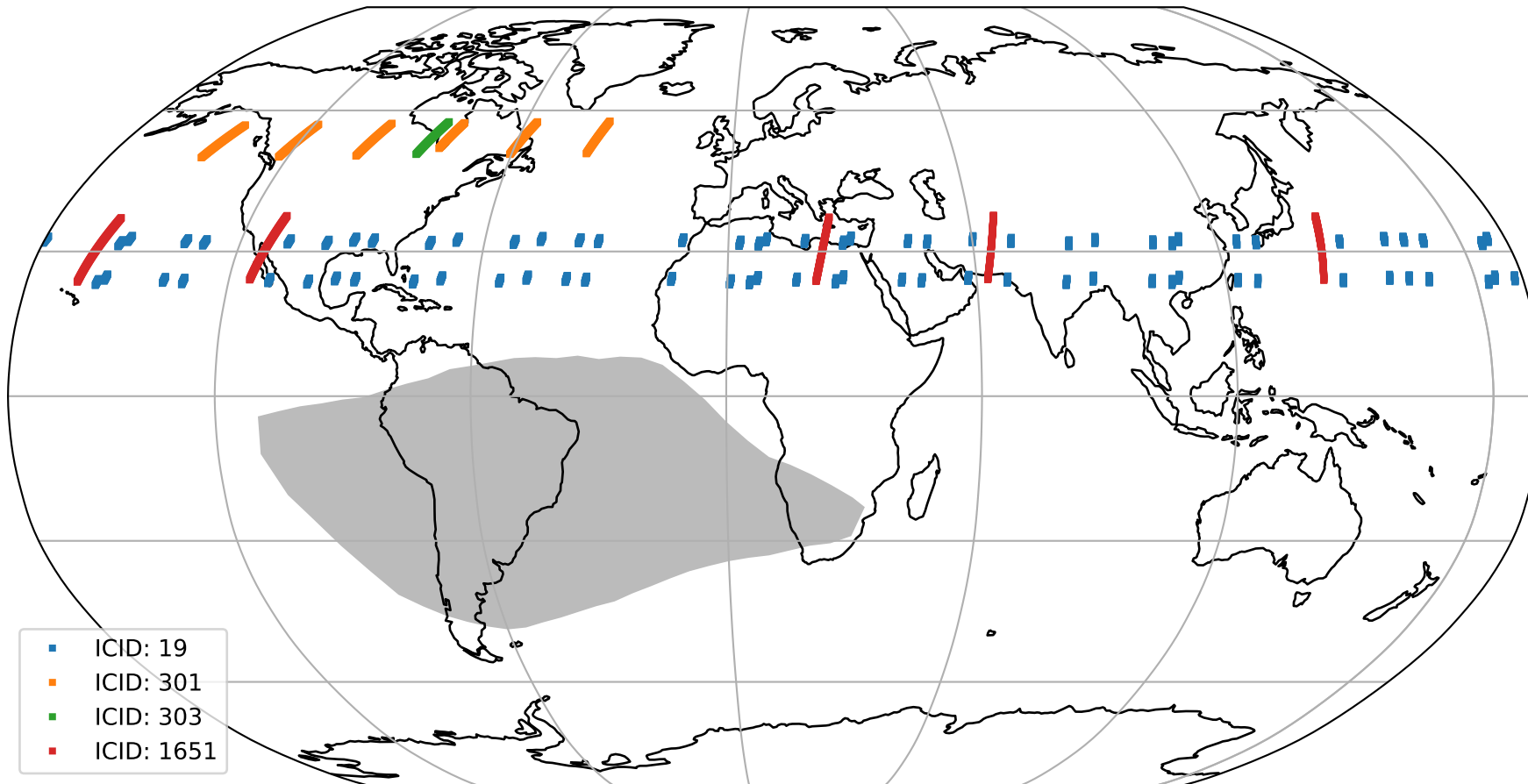
Tropomi SWIR background noise (swir)

orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
median : 0.98342
spread : 0.16142
created : 2023-08-21T16:21:34



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

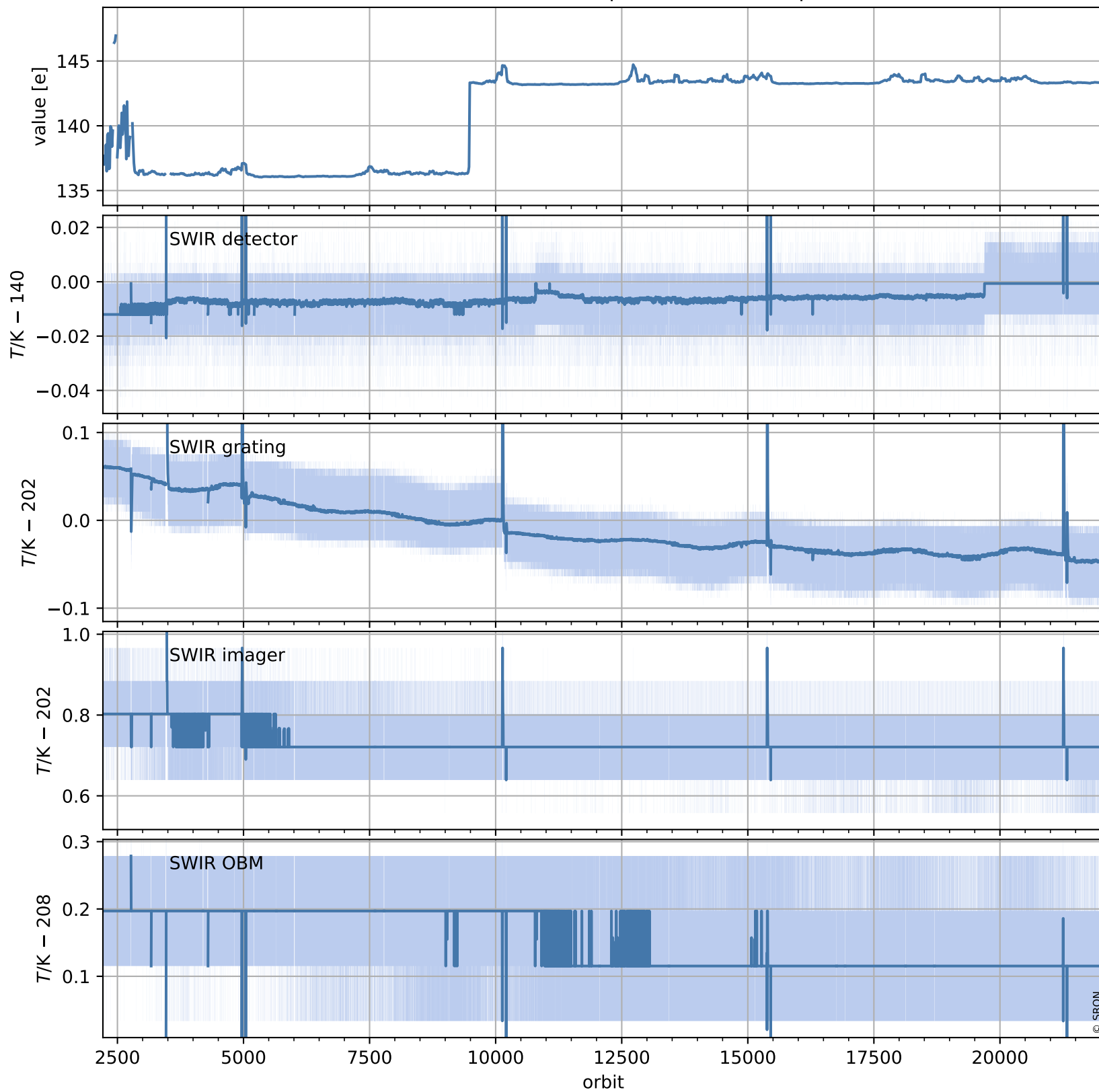
orbits : 12 in [21982, 22057]
coverage : 2022-01-09 / 2022-01-14
created : 2023-08-21T16:21:34



Tropomi SWIR background noise (swir)

orbits : [2212, 22057]
coverage : 2018-03-18 / 2022-01-14
created : 2023-08-21T16:21:35

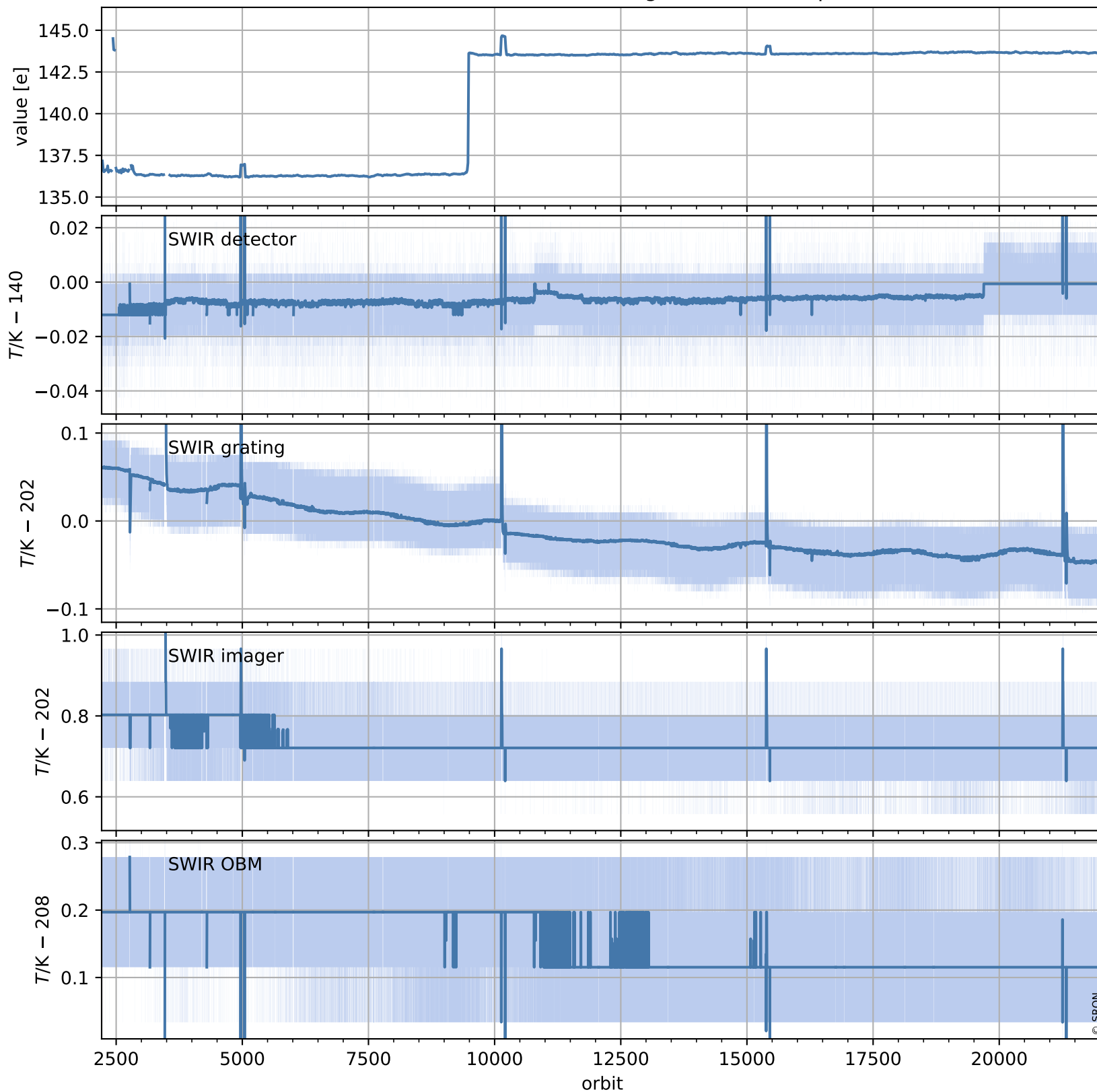
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22057]
coverage : 2018-03-18 / 2022-01-14
created : 2023-08-21T16:21:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22057]
coverage : 2018-03-18 / 2022-01-14
created : 2023-08-21T16:21:36

trend of normalized read-noise & temperatures

