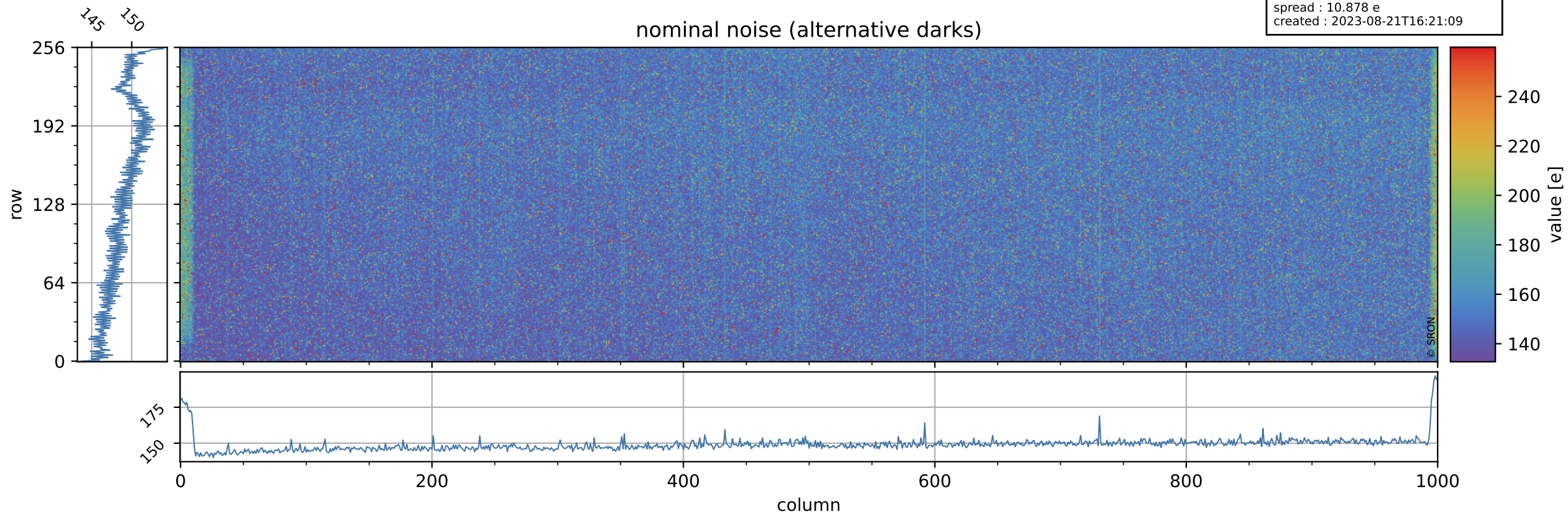


Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 10.878 e
created : 2023-08-21T16:21:09

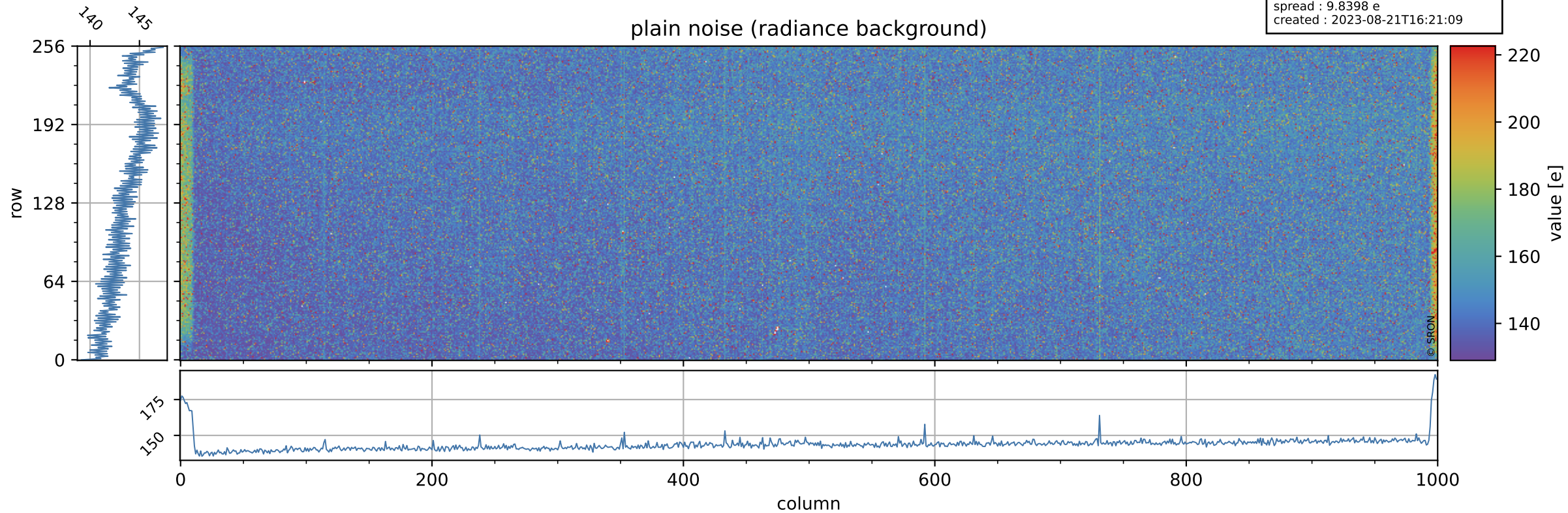
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8398 e
created : 2023-08-21T16:21:09

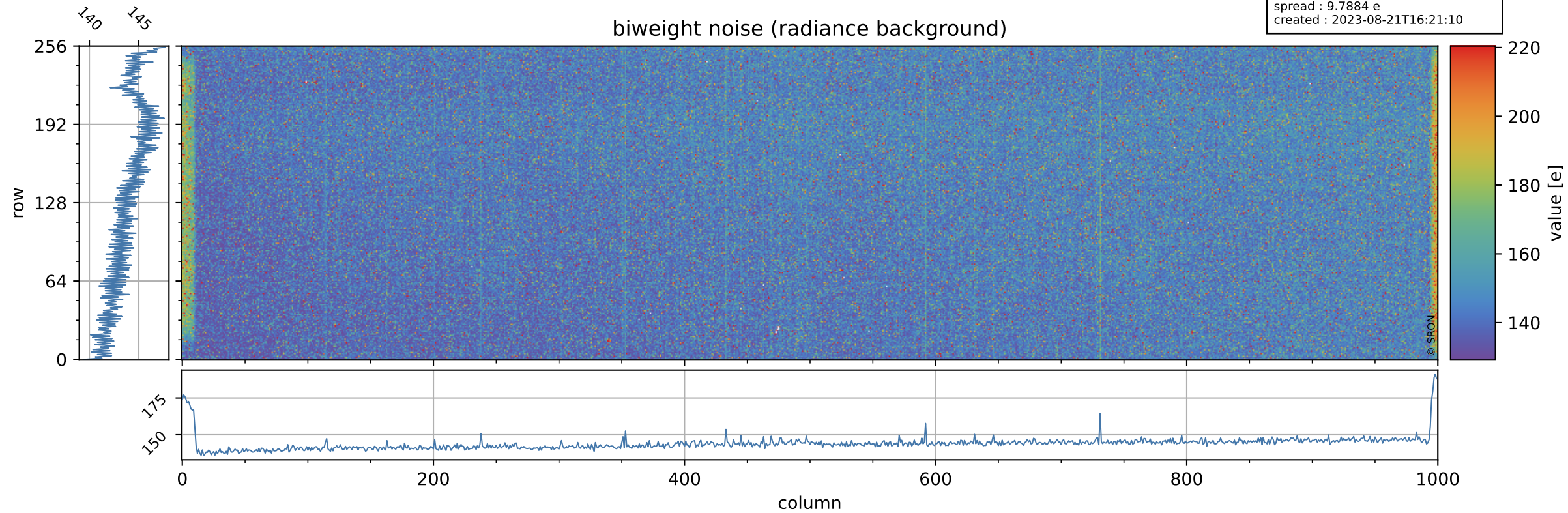
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7884 e
created : 2023-08-21T16:21:10

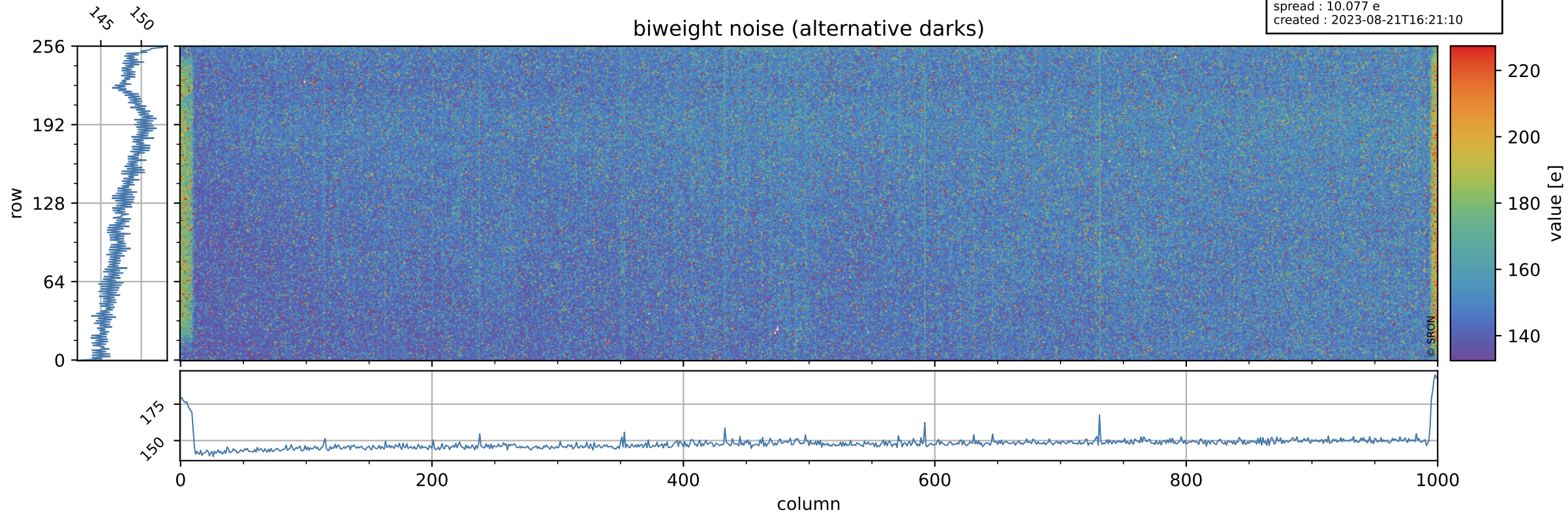
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.077 e
created : 2023-08-21T16:21:10

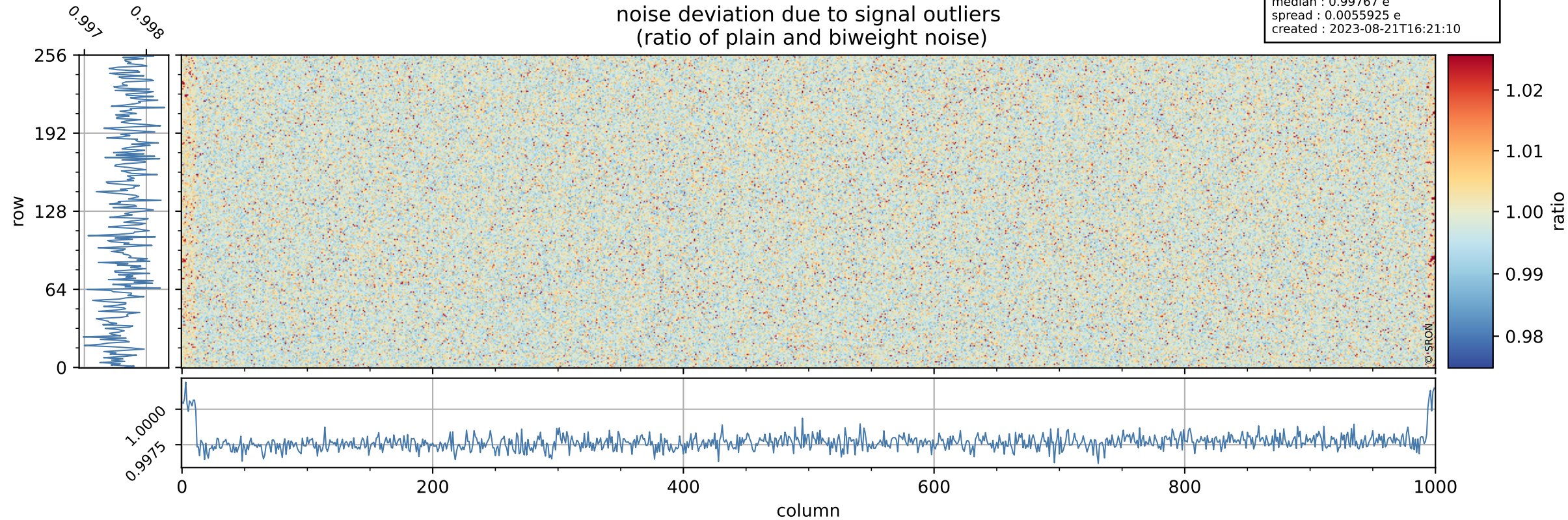
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

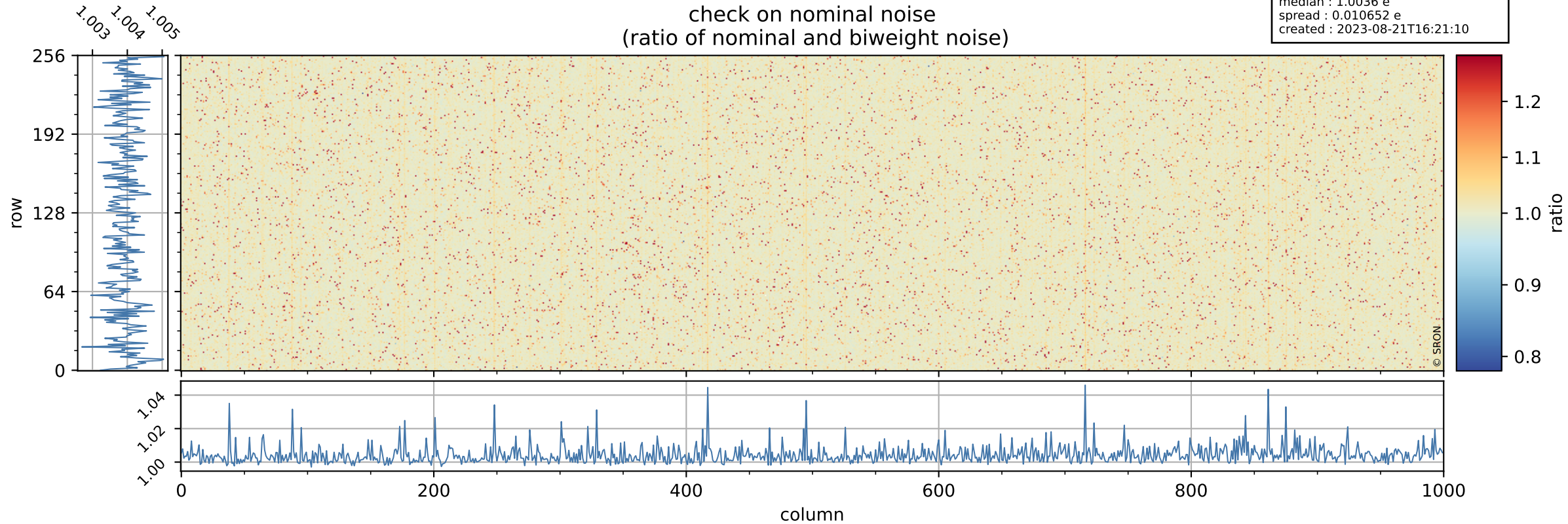
orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
median : 0.99767 e
spread : 0.0055925 e
created : 2023-08-21T16:21:10



Tropomi SWIR background noise (swir)

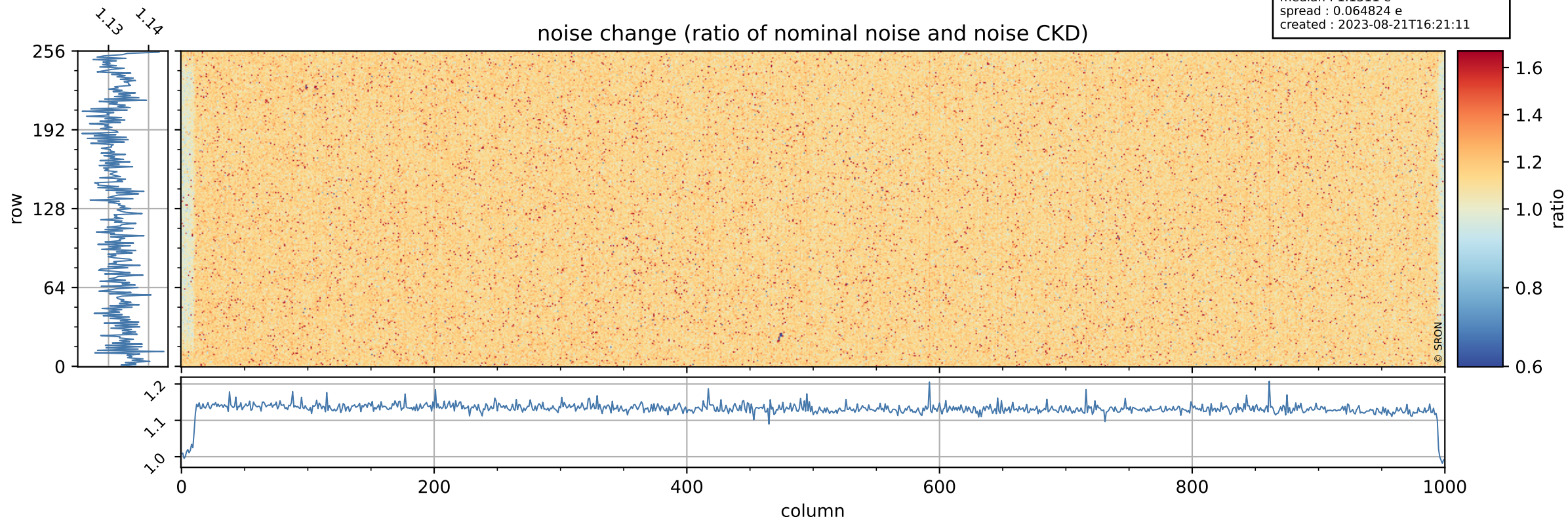
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
median : 1.0036 e
spread : 0.010652 e
created : 2023-08-21T16:21:10



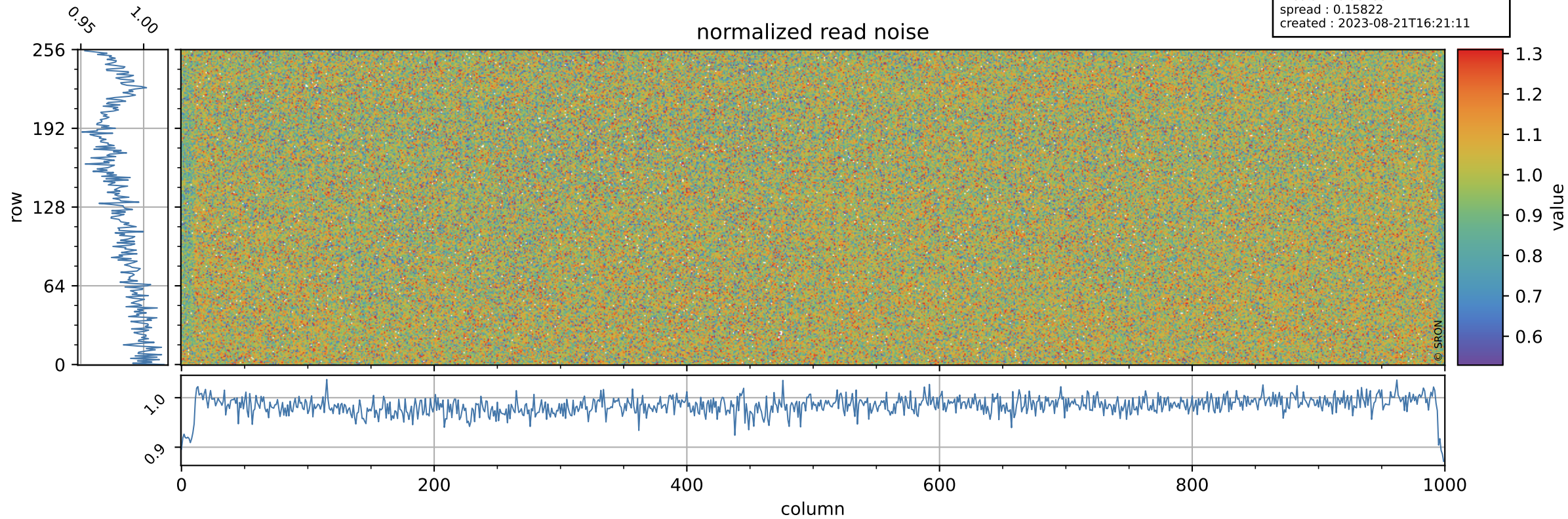
Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
median : 1.1311 e
spread : 0.064824 e
created : 2023-08-21T16:21:11



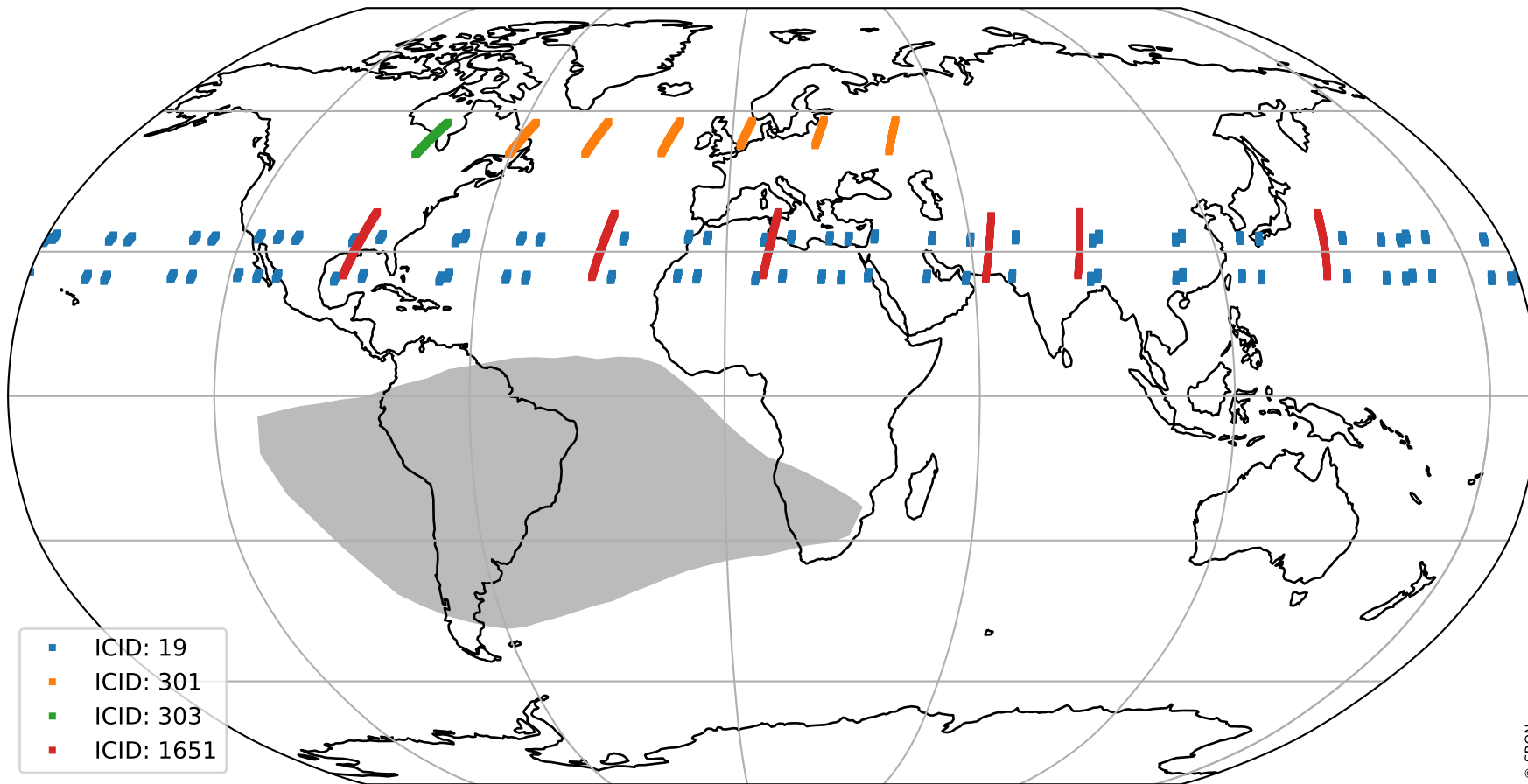
Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
median : 0.98235
spread : 0.15822
created : 2023-08-21T16:21:11



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

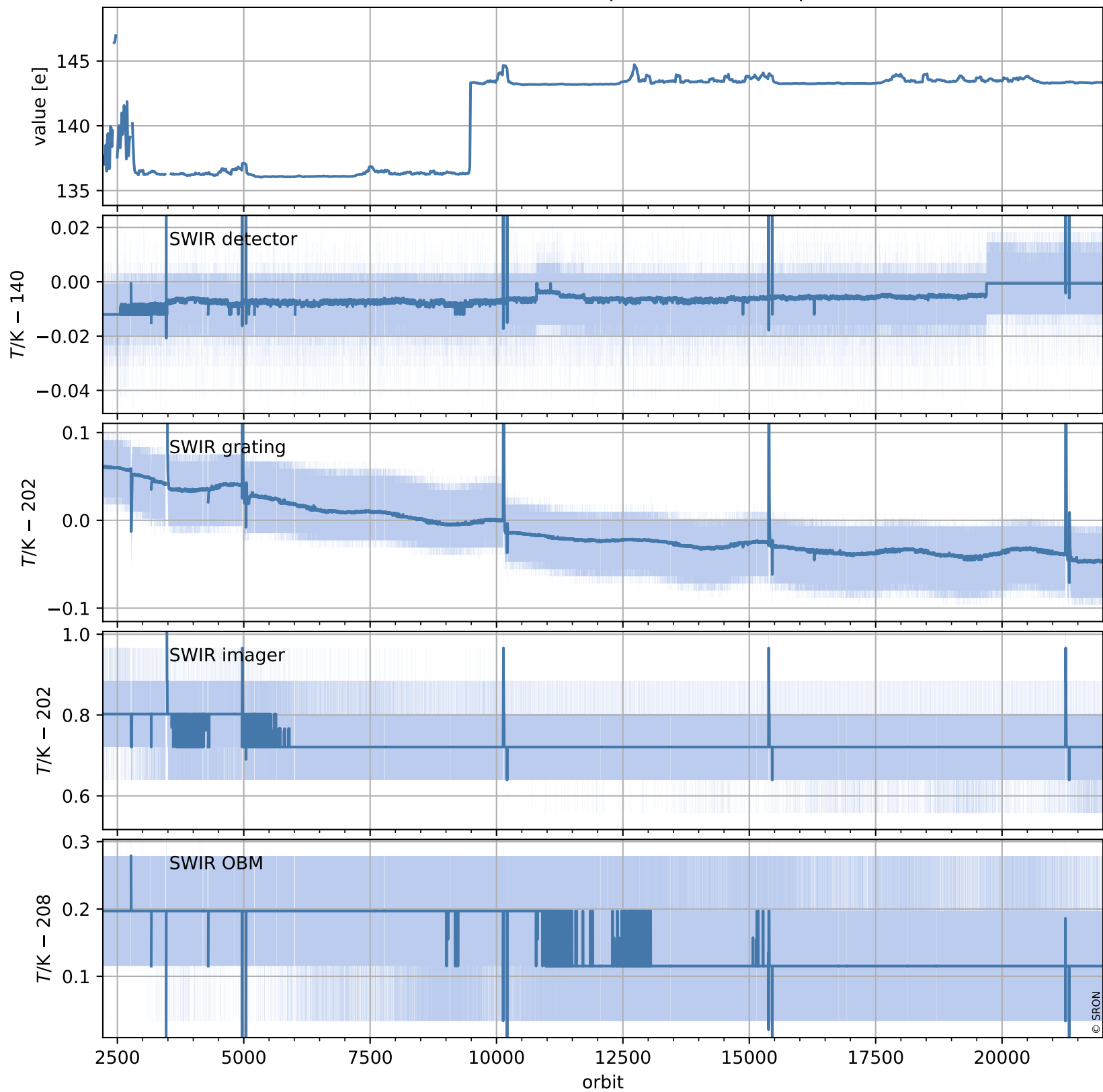
orbits : 13 in [21907, 21997]
coverage : 2022-01-04 / 2022-01-10
created : 2023-08-21T16:21:12



Tropomi SWIR background noise (swir)

orbits : [2212, 21997]
coverage : 2018-03-18 / 2022-01-10
created : 2023-08-21T16:21:12

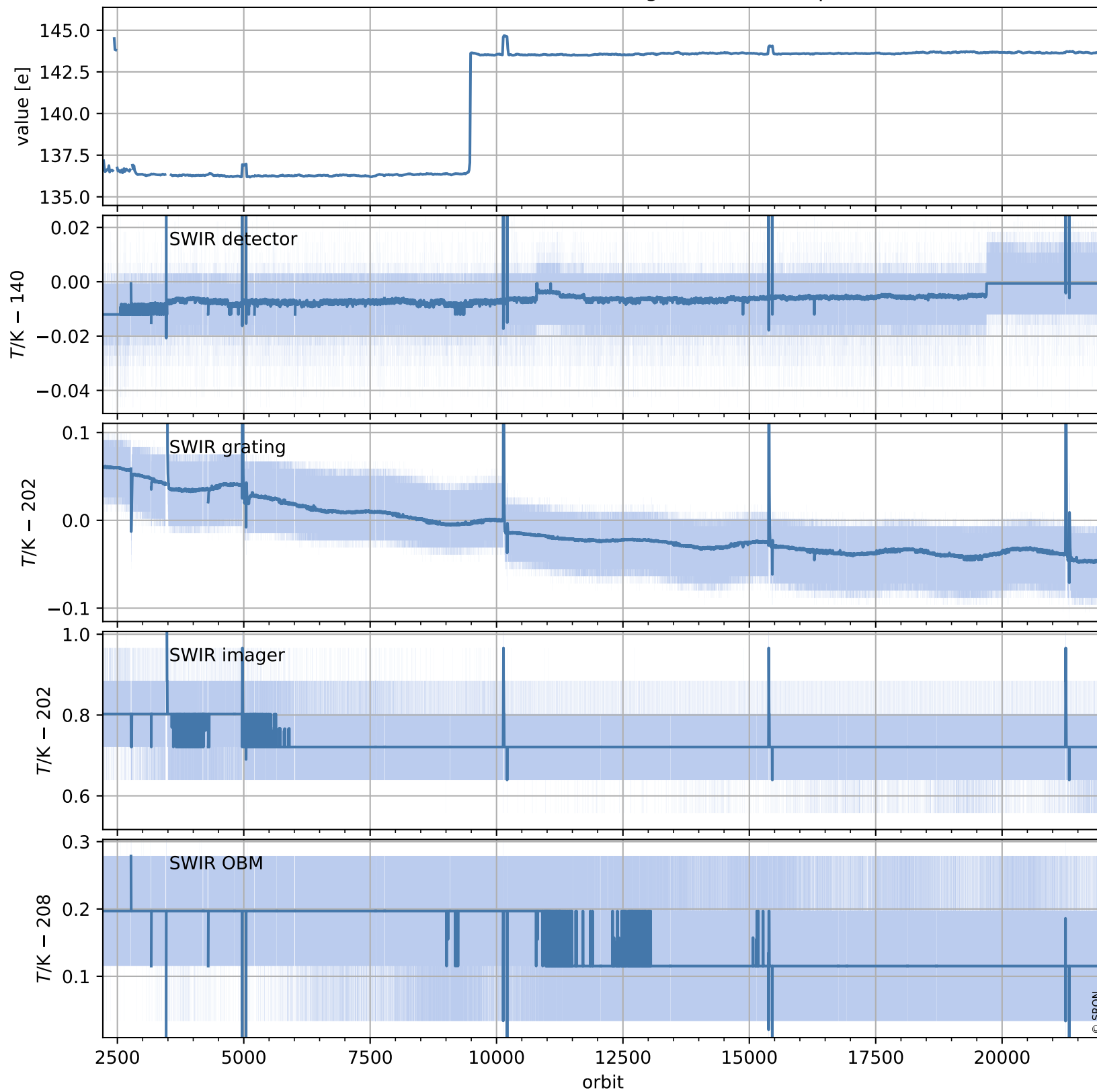
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21997]
coverage : 2018-03-18 / 2022-01-10
created : 2023-08-21T16:21:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21997]
coverage : 2018-03-18 / 2022-01-10
created : 2023-08-21T16:21:14

trend of normalized read-noise & temperatures

