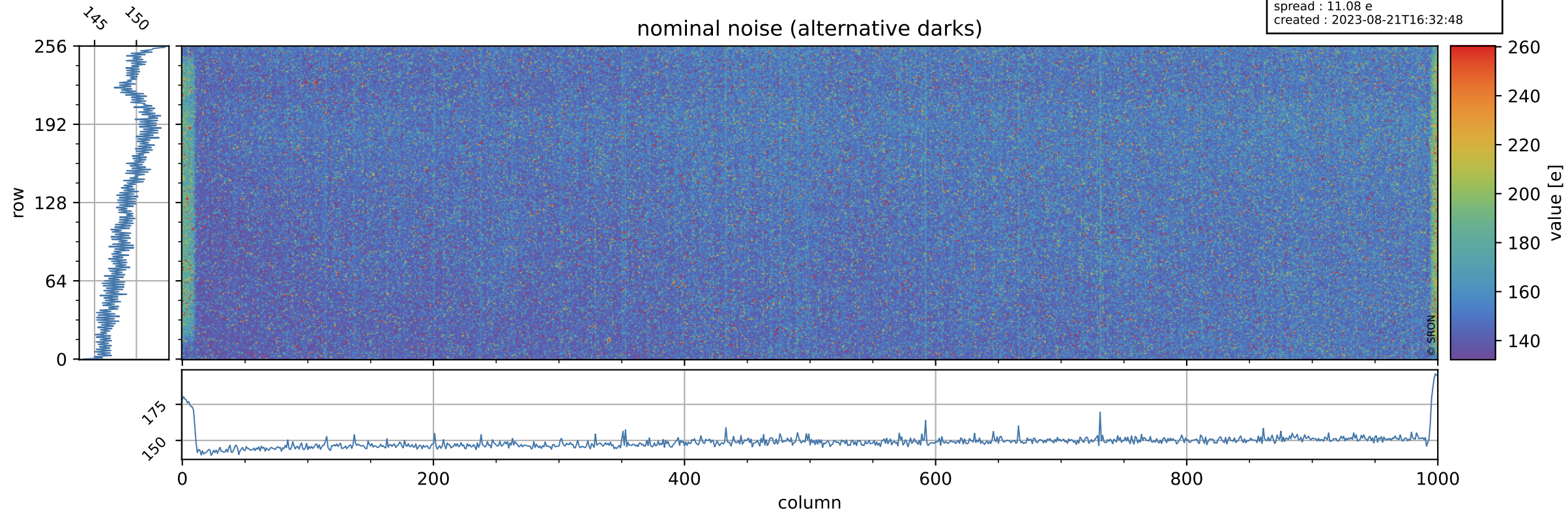


Tropomi SWIR background noise (swir)

orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.08 e
created : 2023-08-21T16:32:48

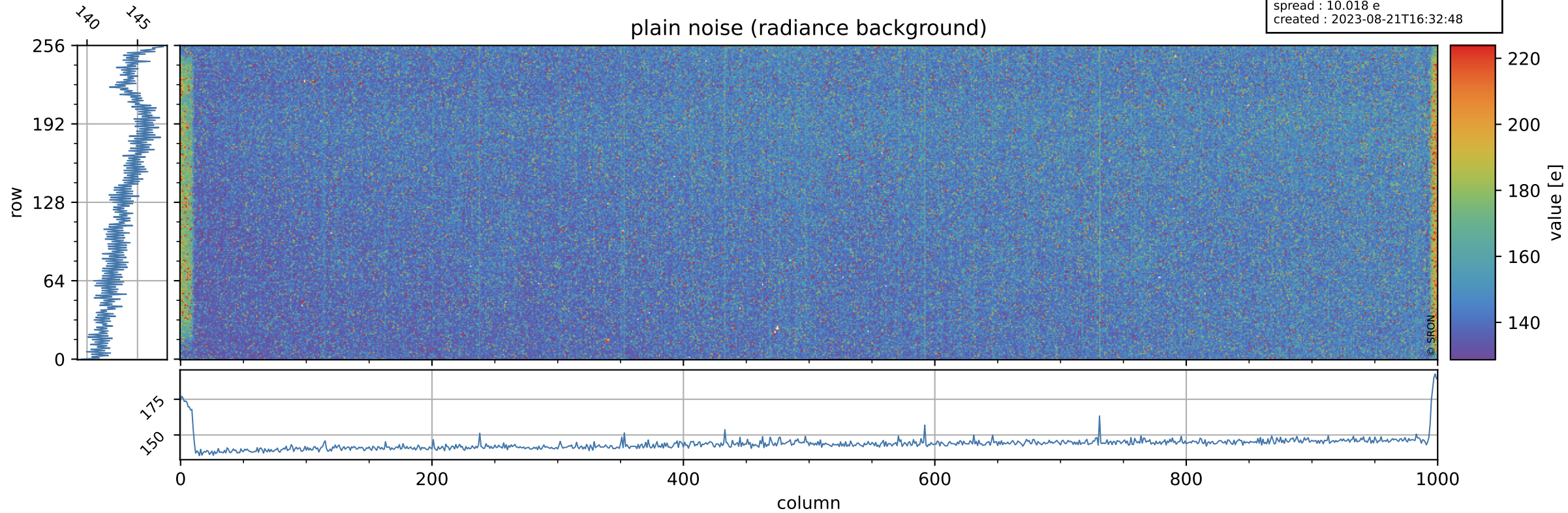
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 10.018 e
created : 2023-08-21T16:32:48

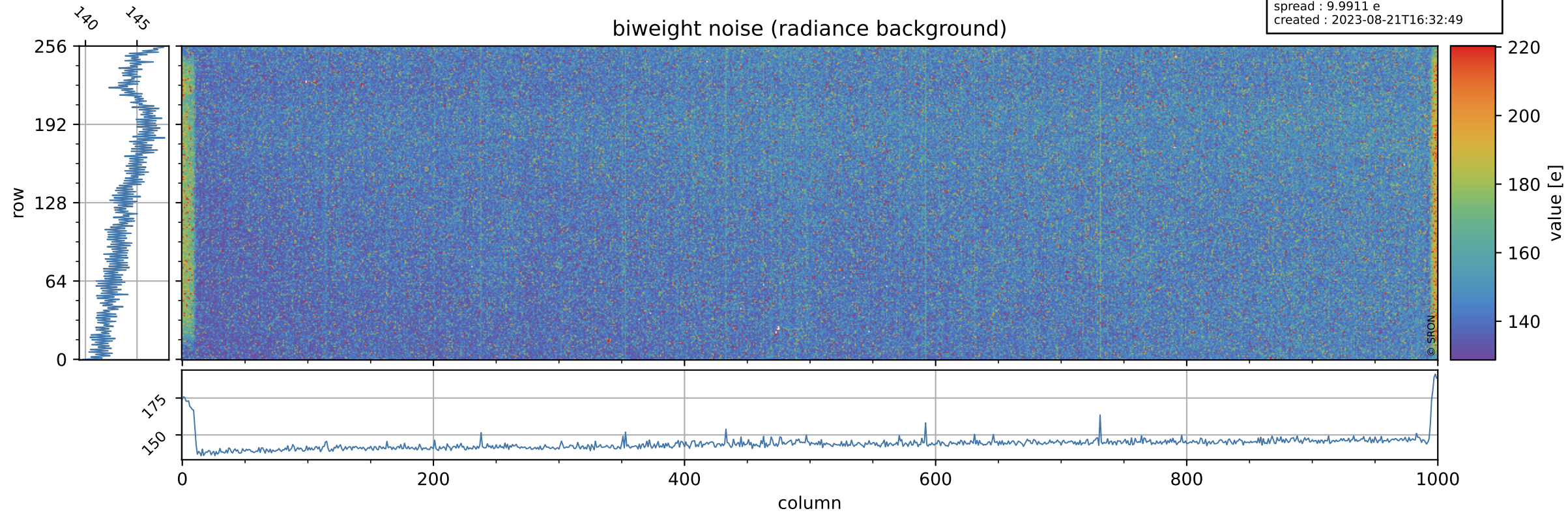
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9911 e
created : 2023-08-21T16:32:49

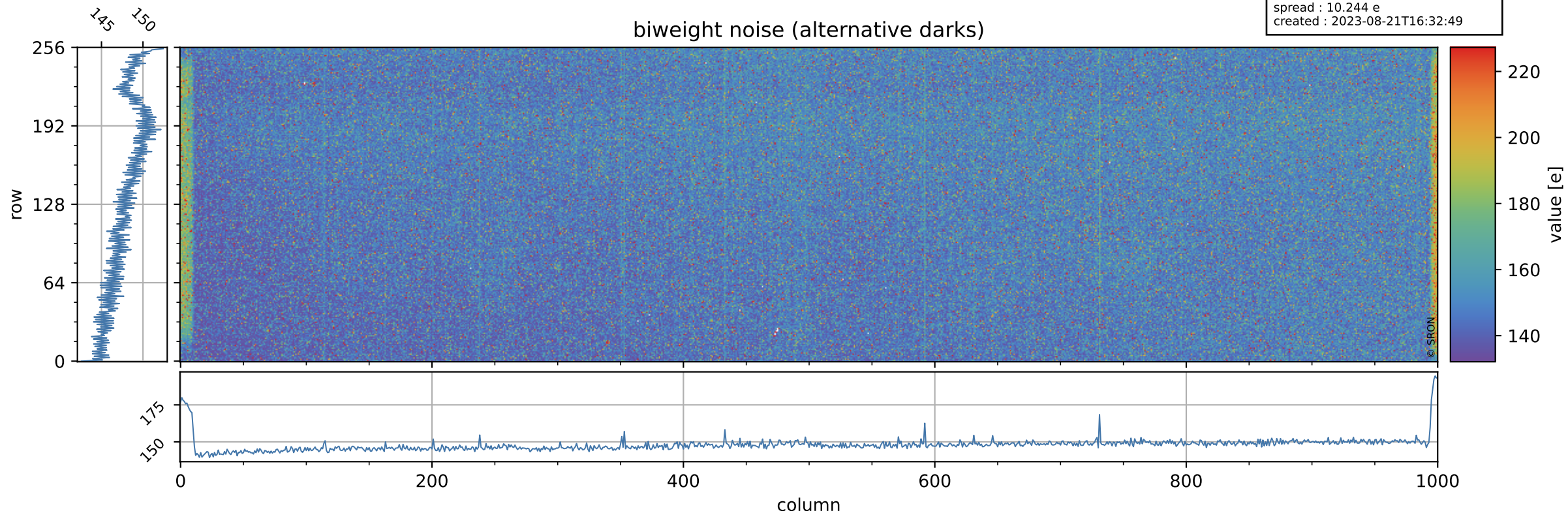
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.244 e
created : 2023-08-21T16:32:49

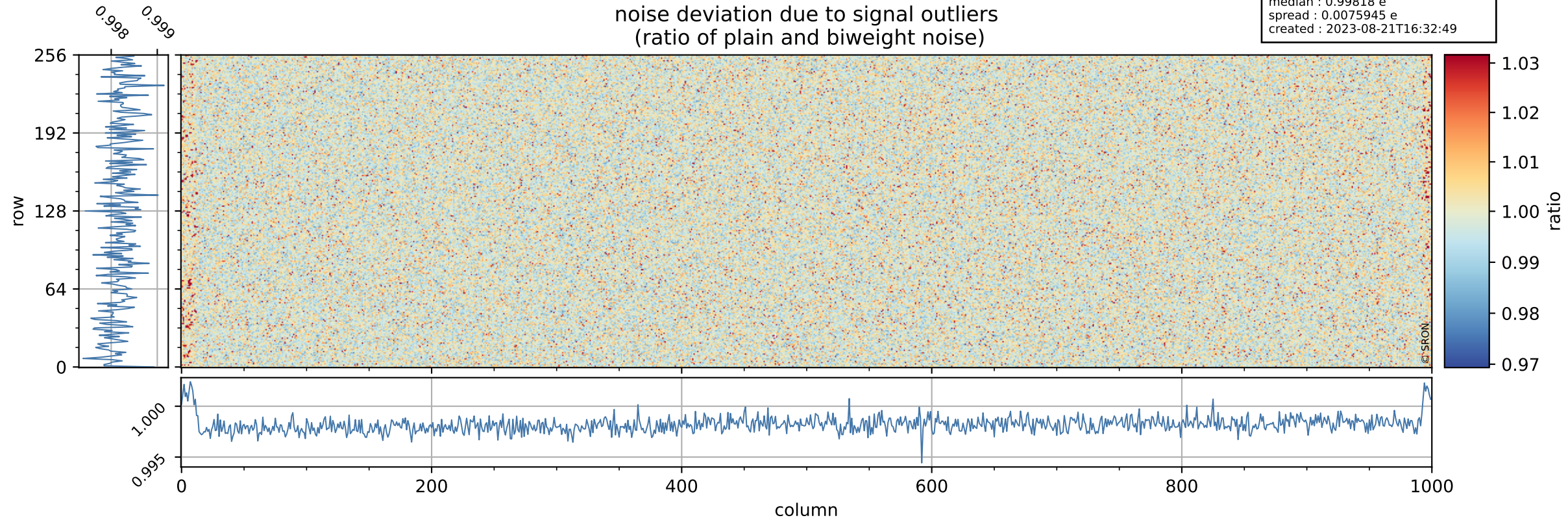
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

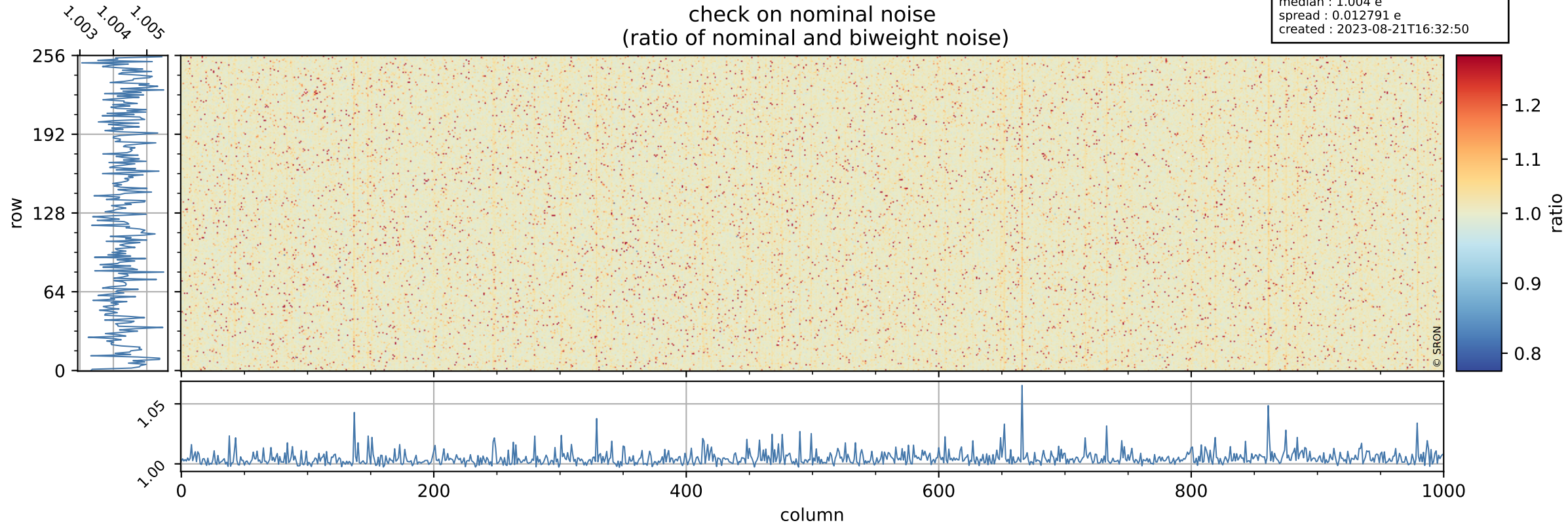
orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
median : 0.99818 e
spread : 0.0075945 e
created : 2023-08-21T16:32:49



Tropomi SWIR background noise (swir)

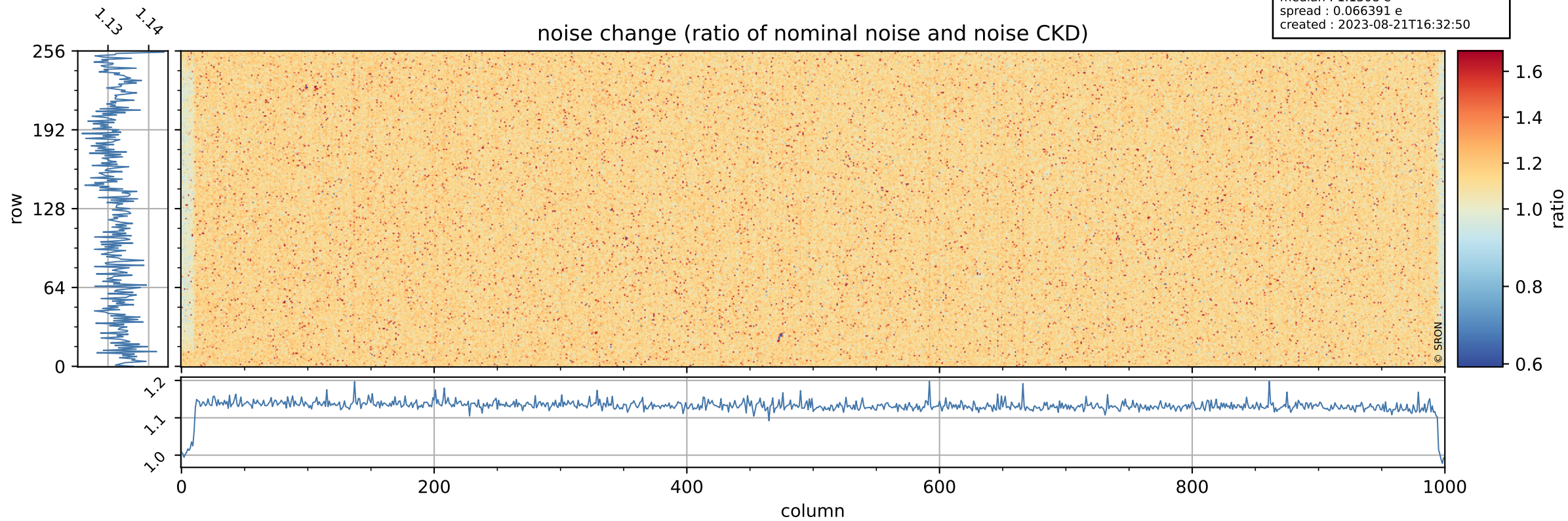
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
median : 1.004 e
spread : 0.012791 e
created : 2023-08-21T16:32:50



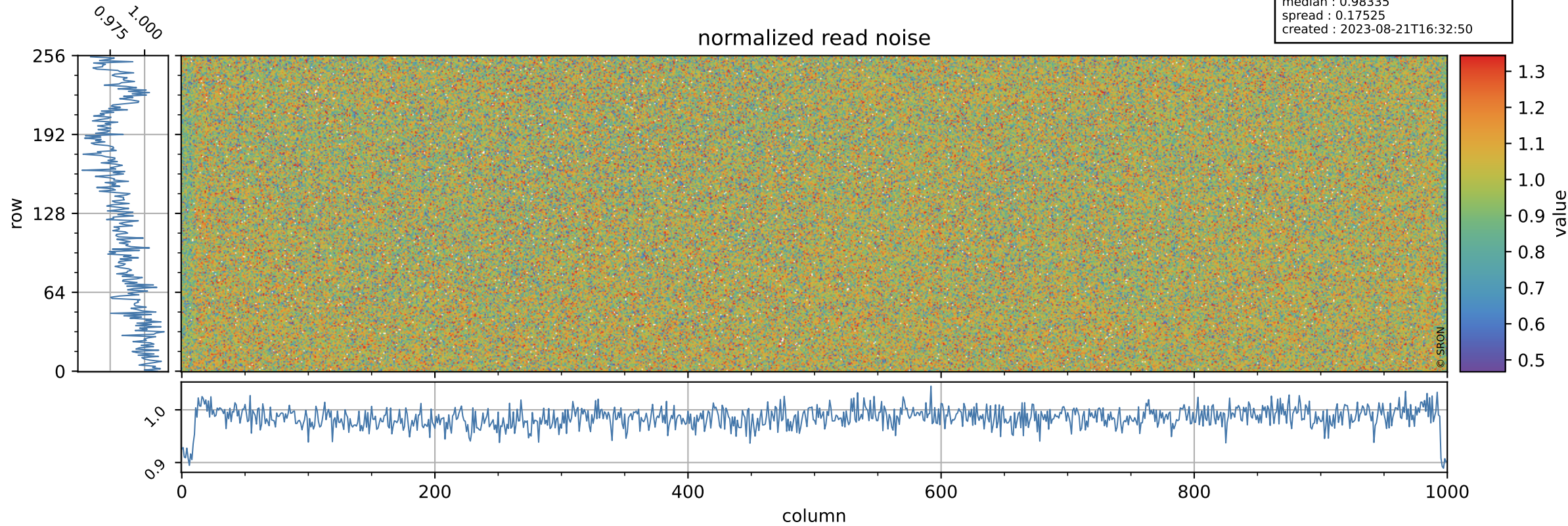
Tropomi SWIR background noise (swir)

orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
median : 1.1308 e
spread : 0.066391 e
created : 2023-08-21T16:32:50



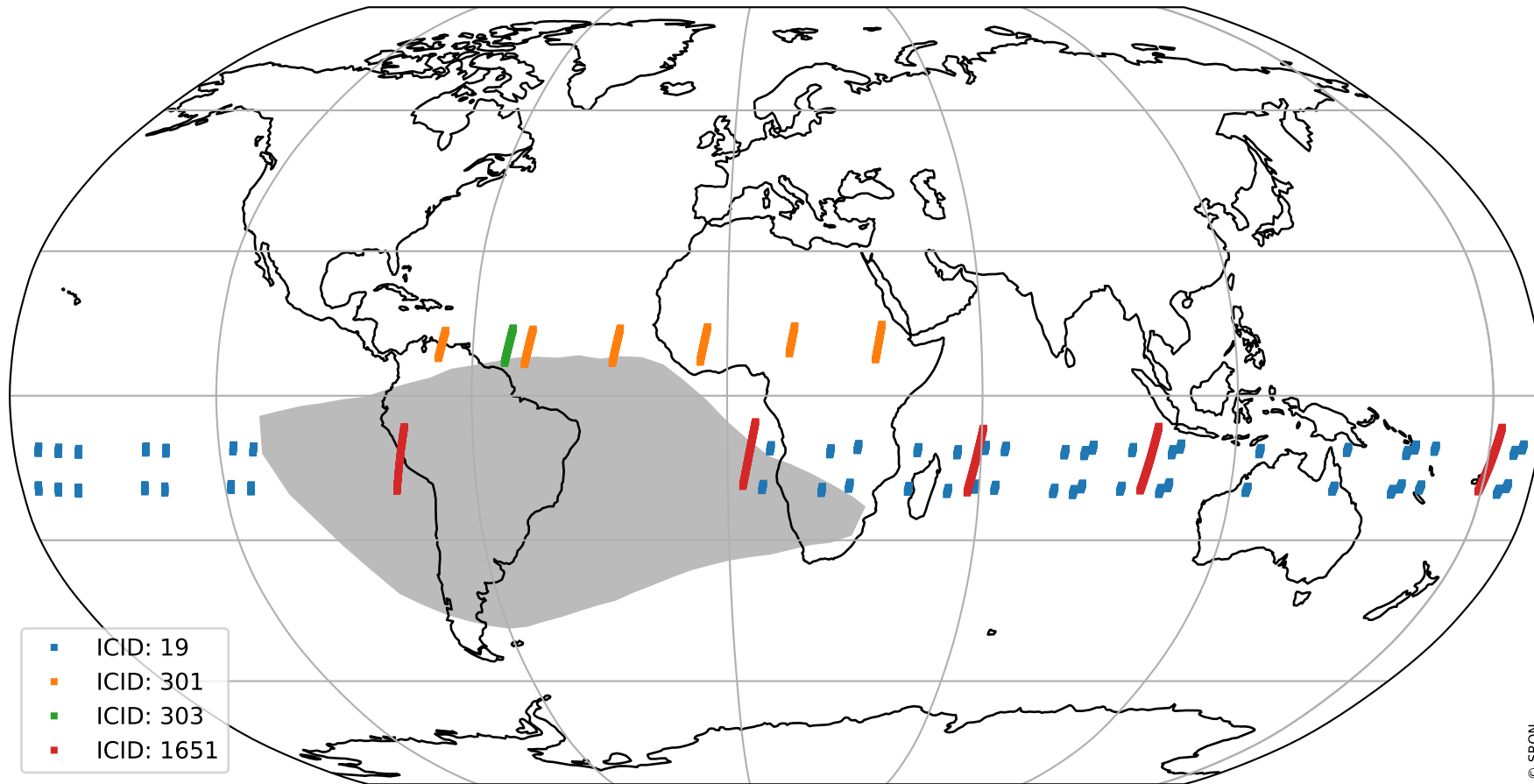
Tropomi SWIR background noise (swir)

orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
median : 0.98335
spread : 0.17525
created : 2023-08-21T16:32:50



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

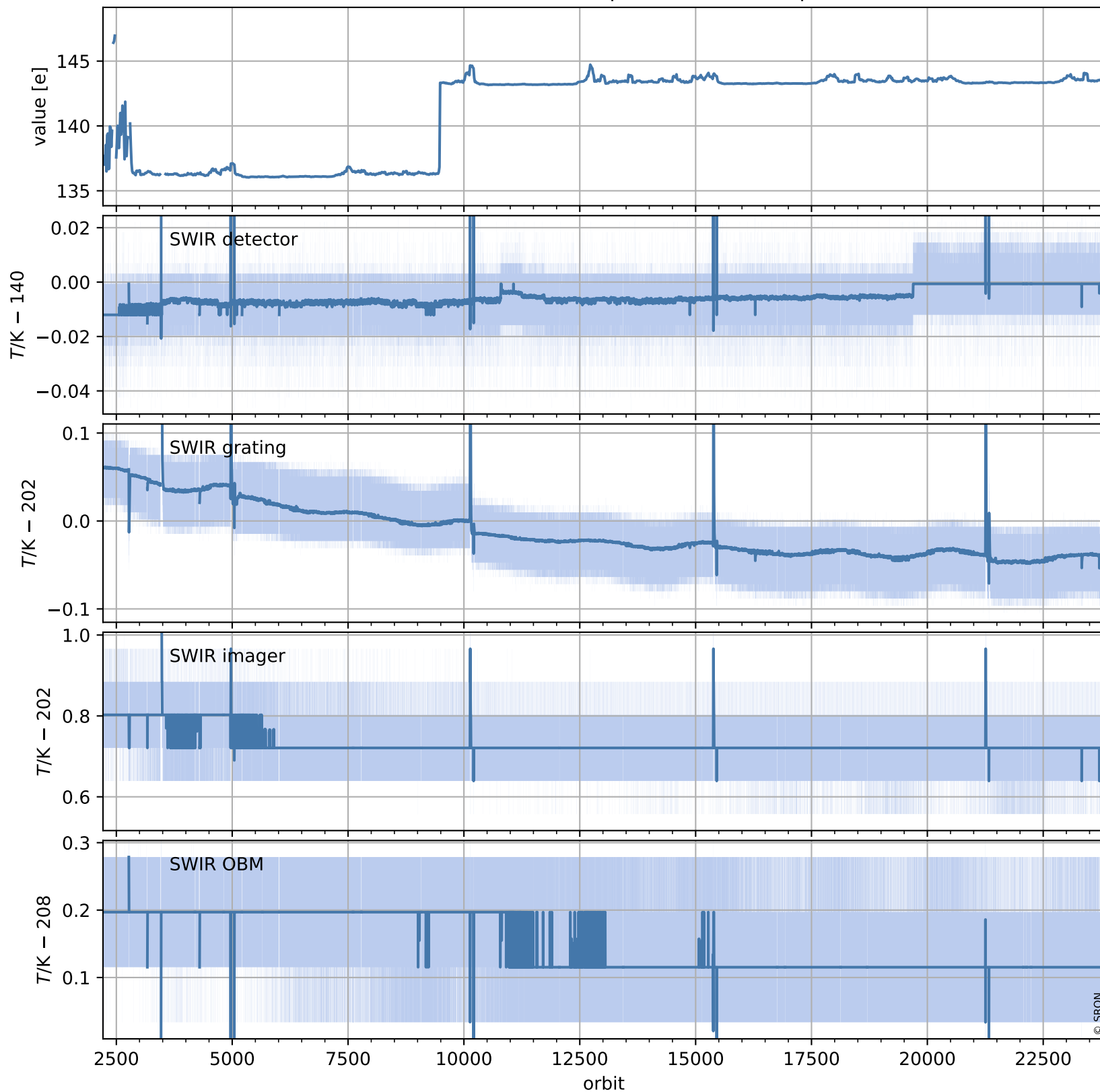
orbits : 12 in [23737, 23827]
coverage : 2022-05-13 / 2022-05-19
created : 2023-08-21T16:32:50



Tropomi SWIR background noise (swir)

orbits : [2212, 23827]
coverage : 2018-03-18 / 2022-05-19
created : 2023-08-21T16:32:51

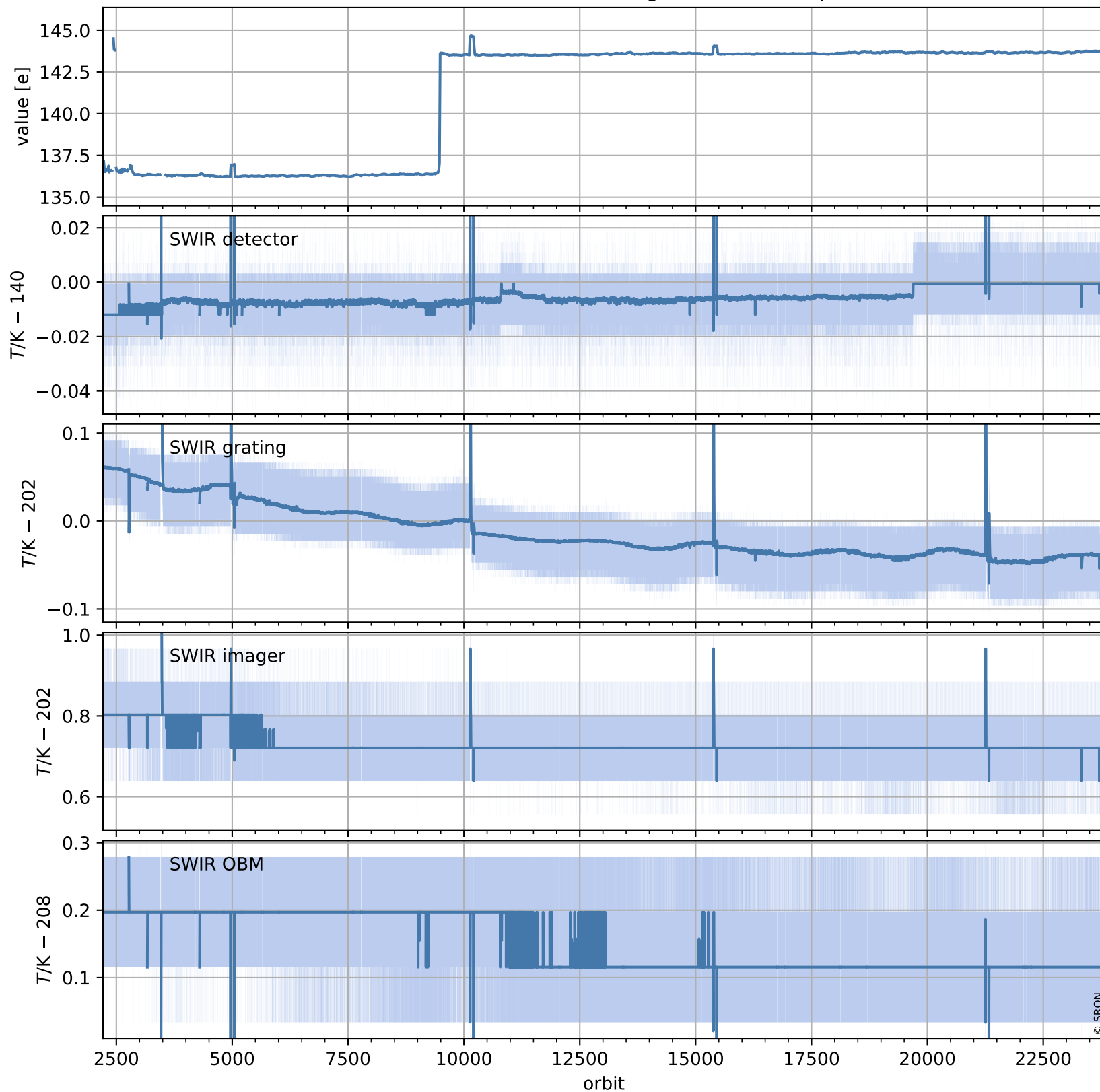
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23827]
coverage : 2018-03-18 / 2022-05-19
created : 2023-08-21T16:32:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23827]
coverage : 2018-03-18 / 2022-05-19
created : 2023-08-21T16:32:53

trend of normalized read-noise & temperatures

