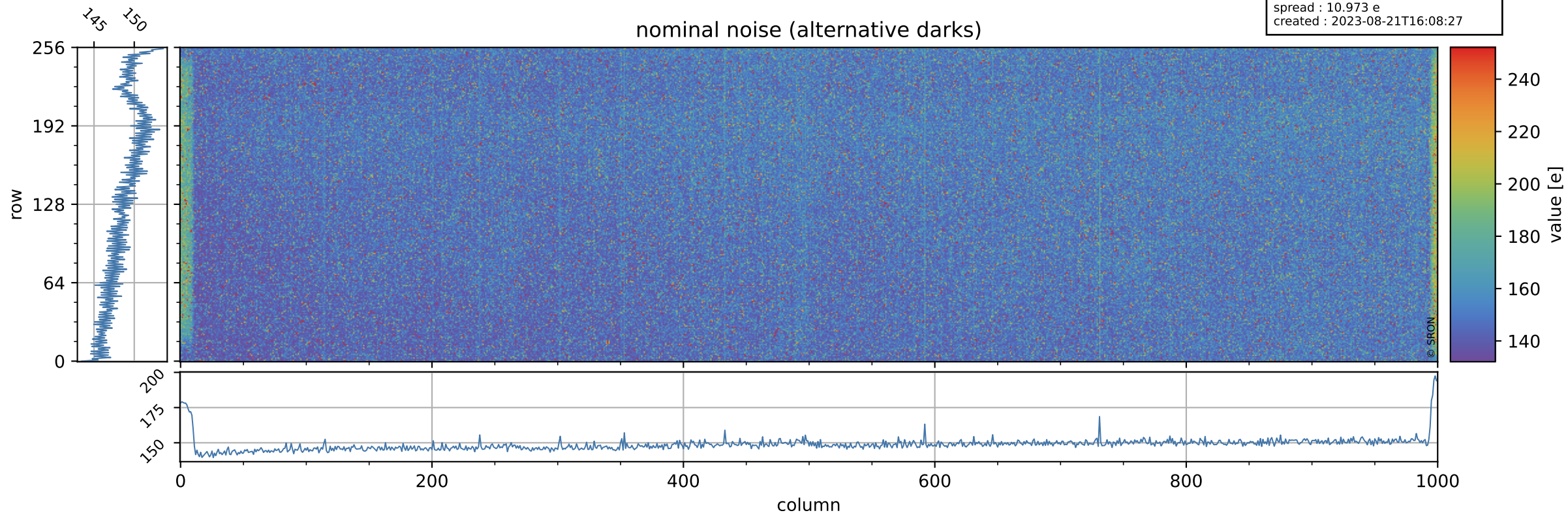


Tropomi SWIR background noise (swir)

orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.973 e
created : 2023-08-21T16:08:27

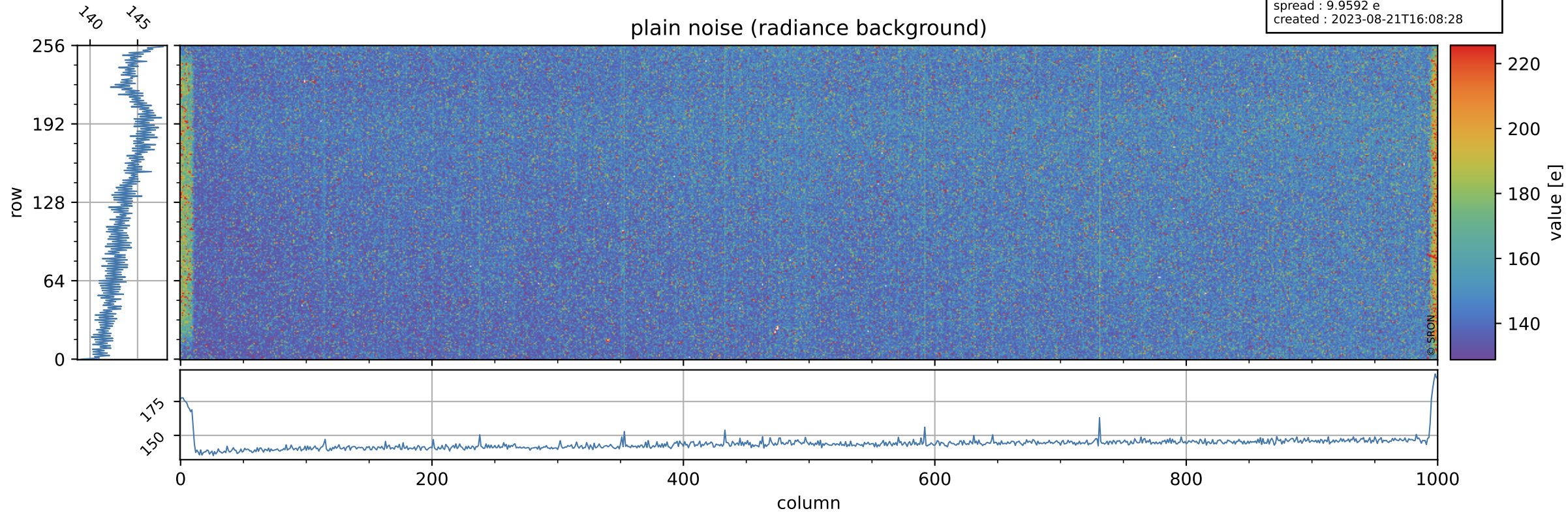
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.9592 e
created : 2023-08-21T16:08:28

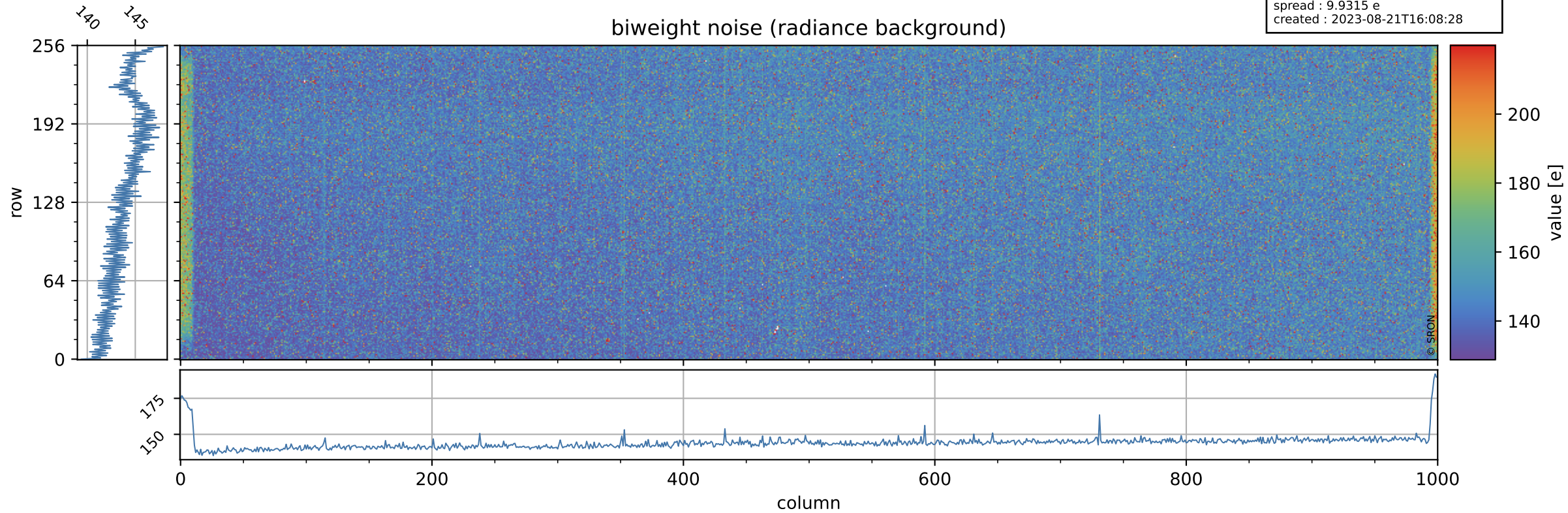
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9315 e
created : 2023-08-21T16:08:28

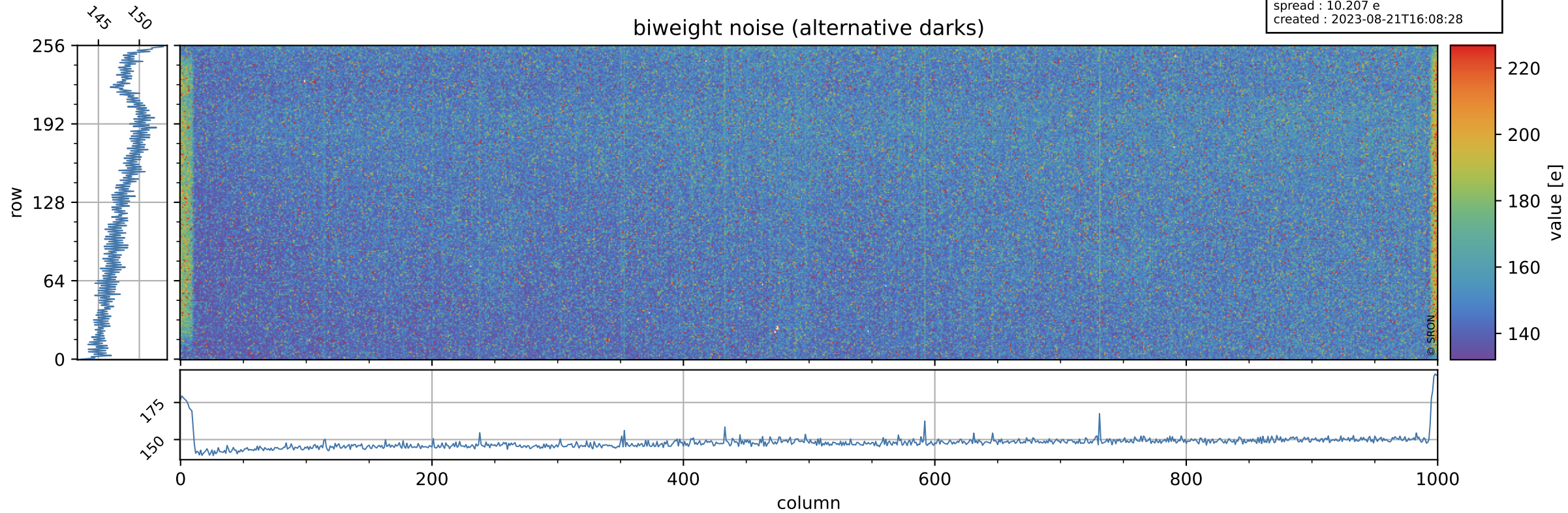
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.207 e
created : 2023-08-21T16:08:28

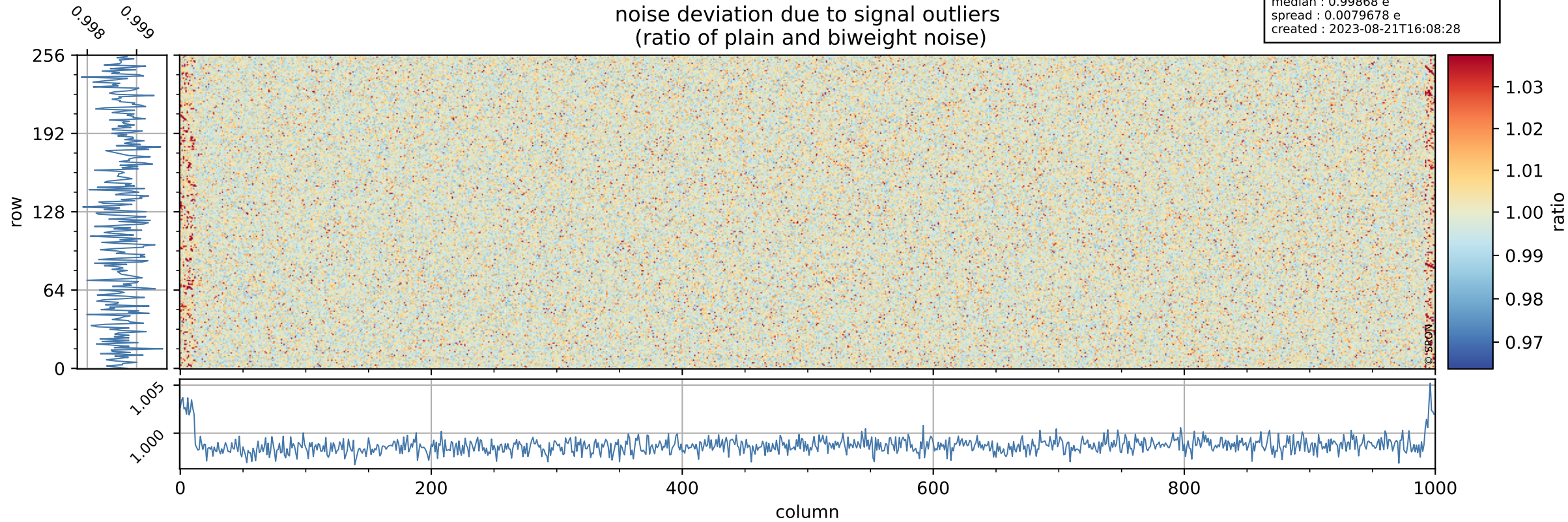
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

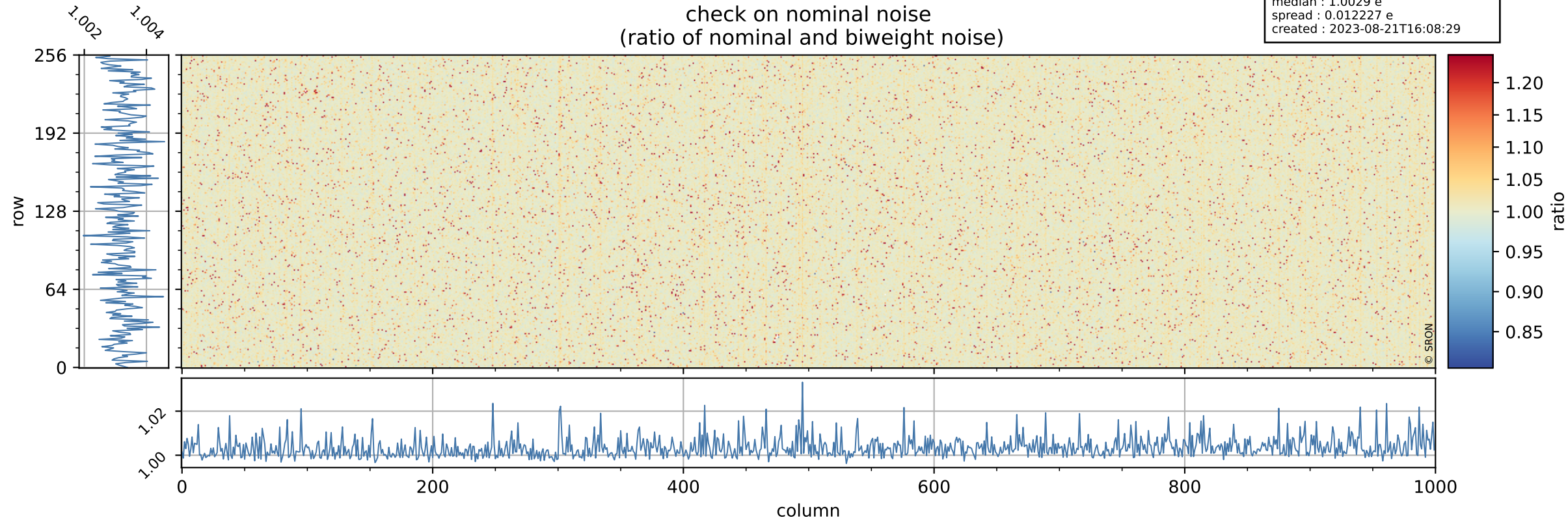
orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
median : 0.99868 e
spread : 0.0079678 e
created : 2023-08-21T16:08:28



Tropomi SWIR background noise (swir)

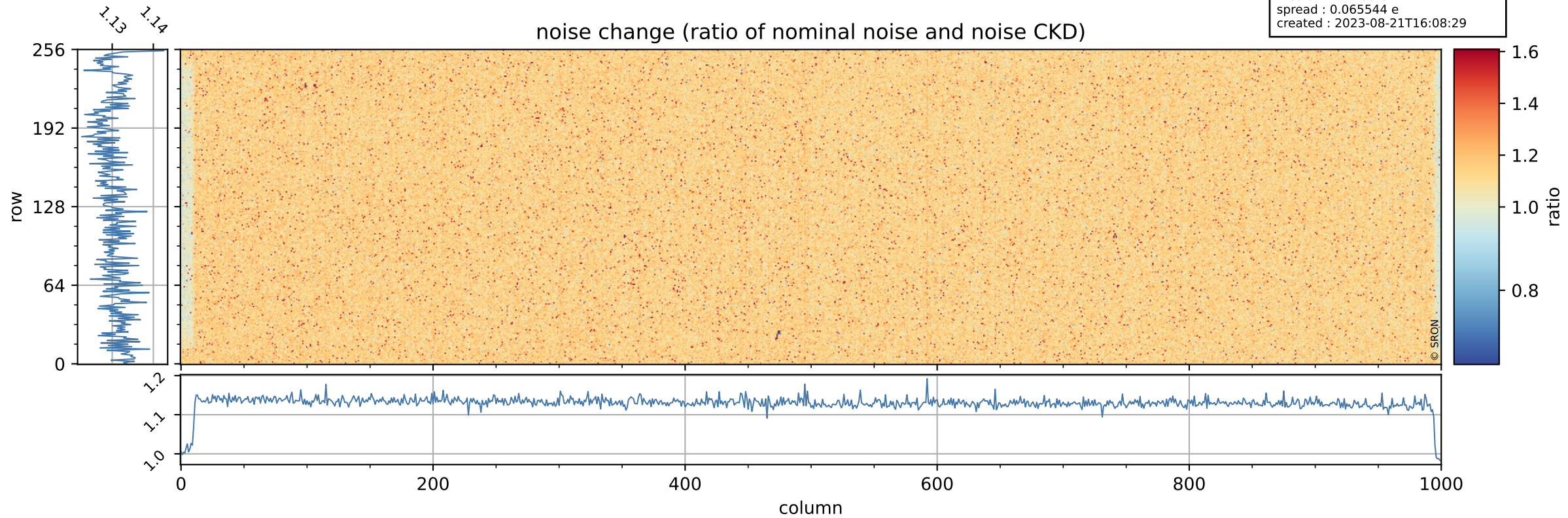
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
median : 1.0029 e
spread : 0.012227 e
created : 2023-08-21T16:08:29



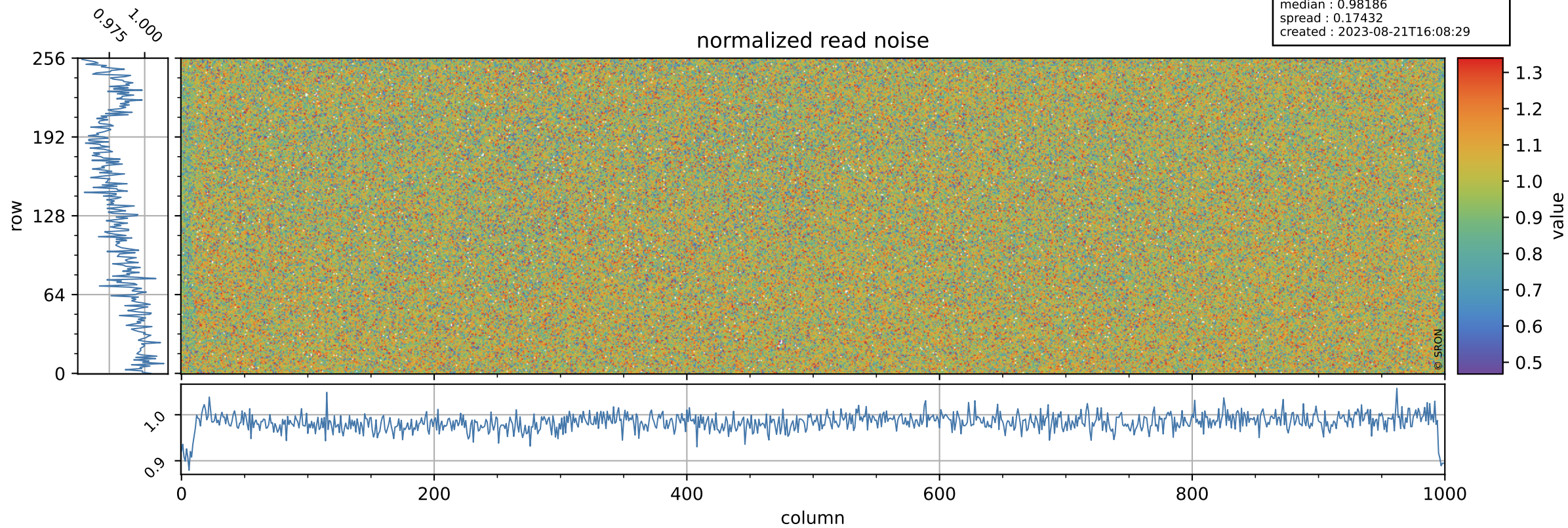
Tropomi SWIR background noise (swir)

orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
median : 1.1295 e
spread : 0.065544 e
created : 2023-08-21T16:08:29



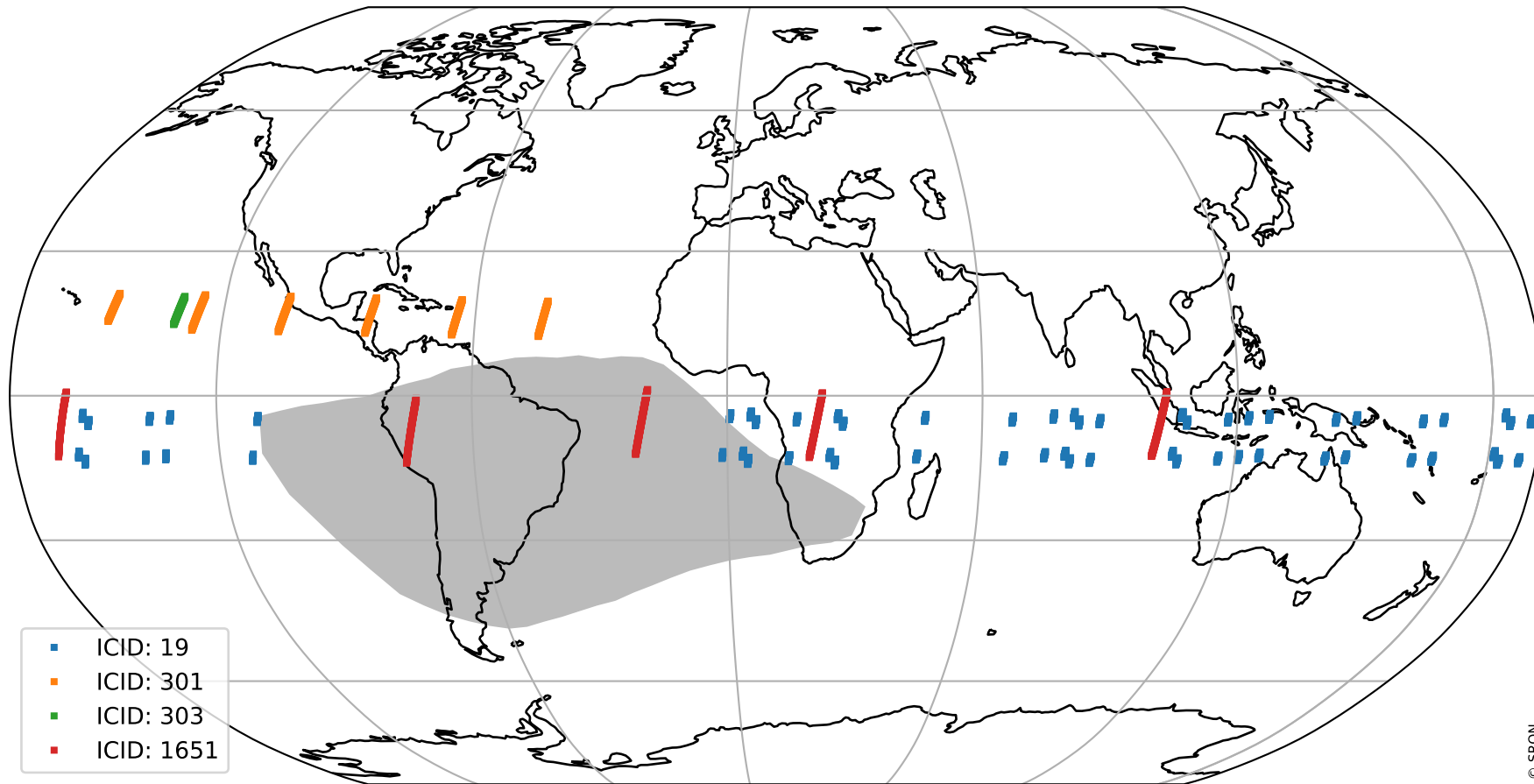
Tropomi SWIR background noise (swir)

orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
median : 0.98186
spread : 0.17432
created : 2023-08-21T16:08:29



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

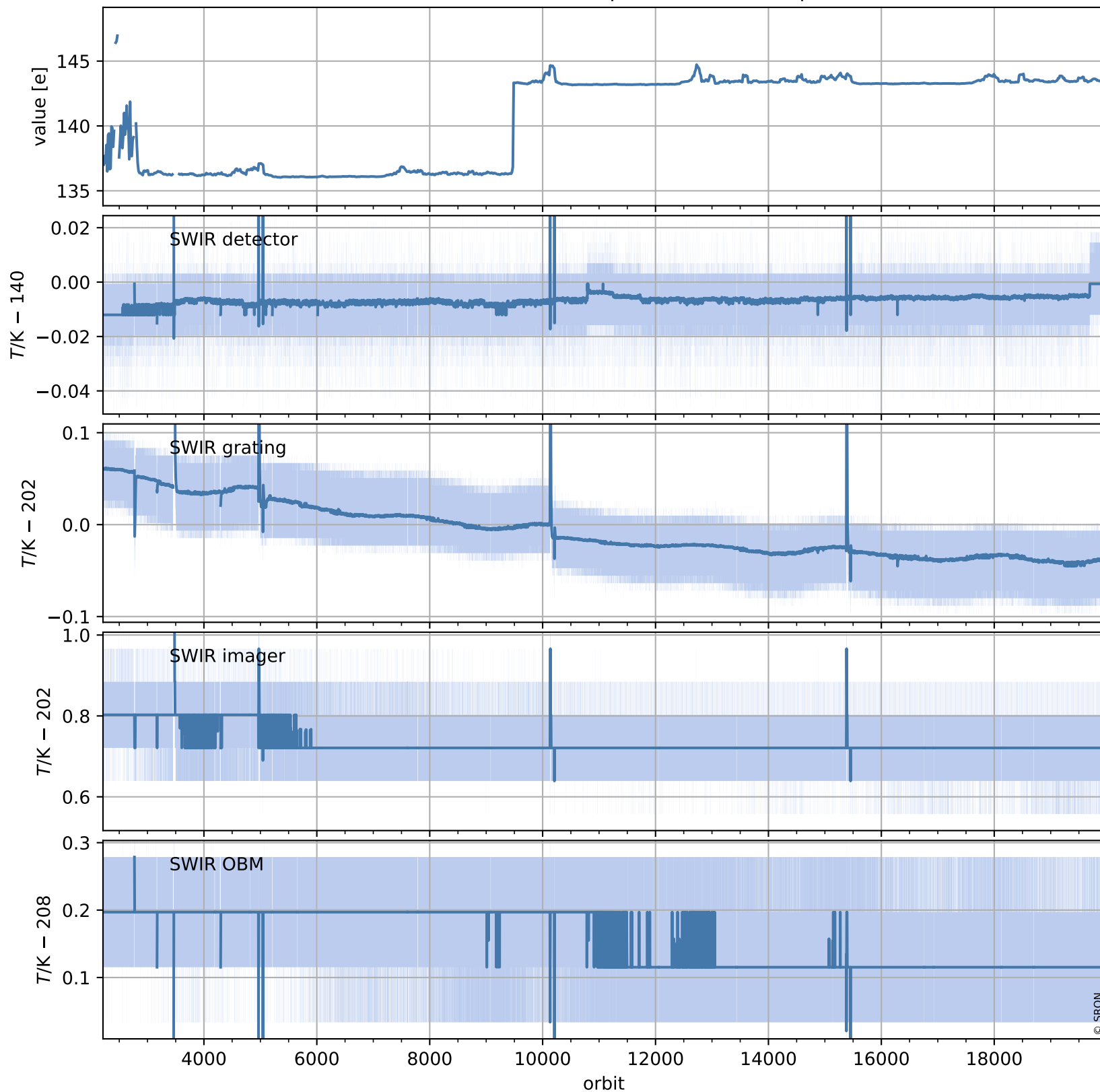
orbits : 12 in [19867, 19957]
coverage : 2021-08-14 / 2021-08-20
created : 2023-08-21T16:08:30



Tropomi SWIR background noise (swir)

orbits : [2212, 19957]
coverage : 2018-03-18 / 2021-08-20
created : 2023-08-21T16:08:30

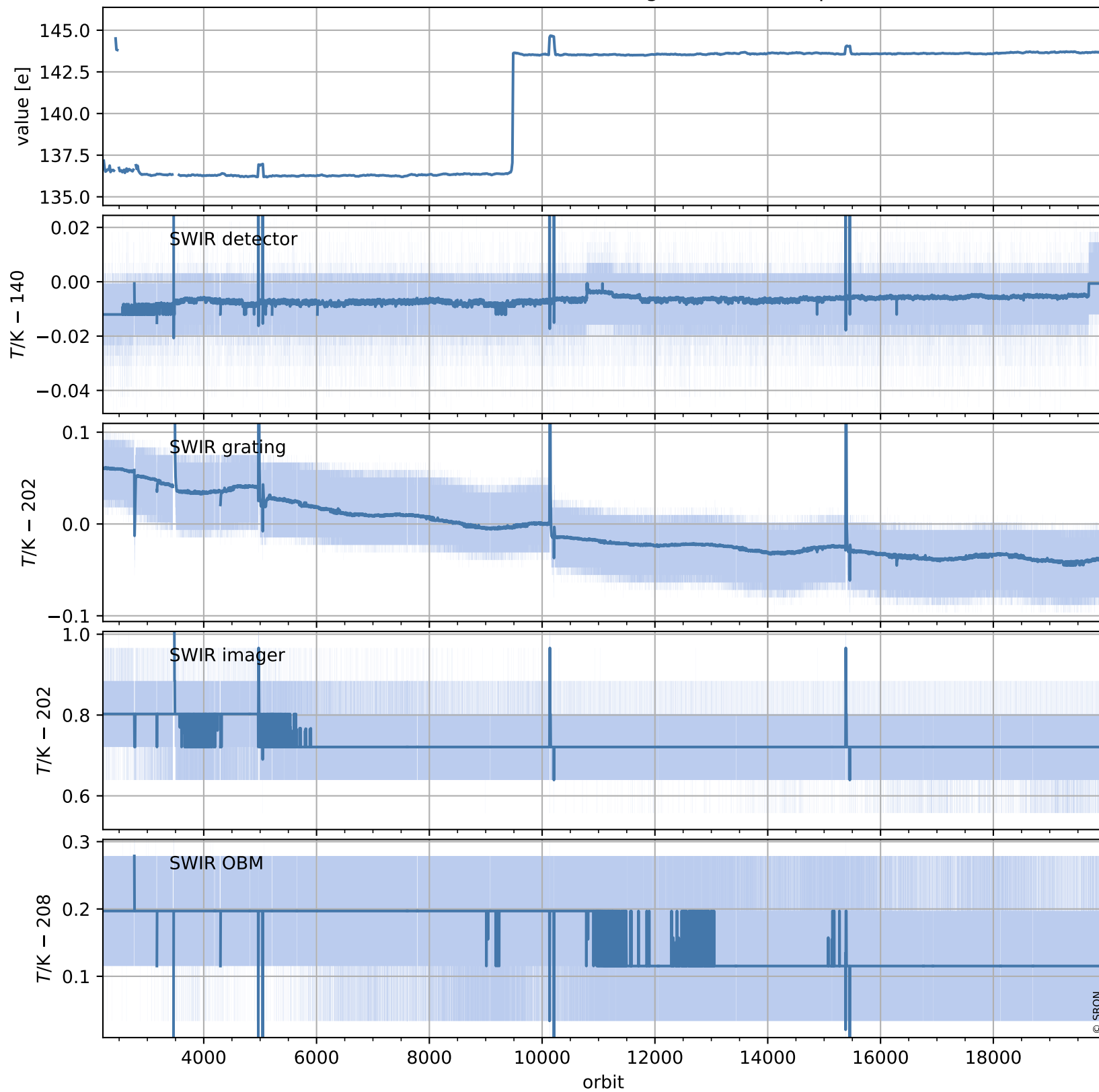
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19957]
coverage : 2018-03-18 / 2021-08-20
created : 2023-08-21T16:08:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19957]
coverage : 2018-03-18 / 2021-08-20
created : 2023-08-21T16:08:32

trend of normalized read-noise & temperatures

