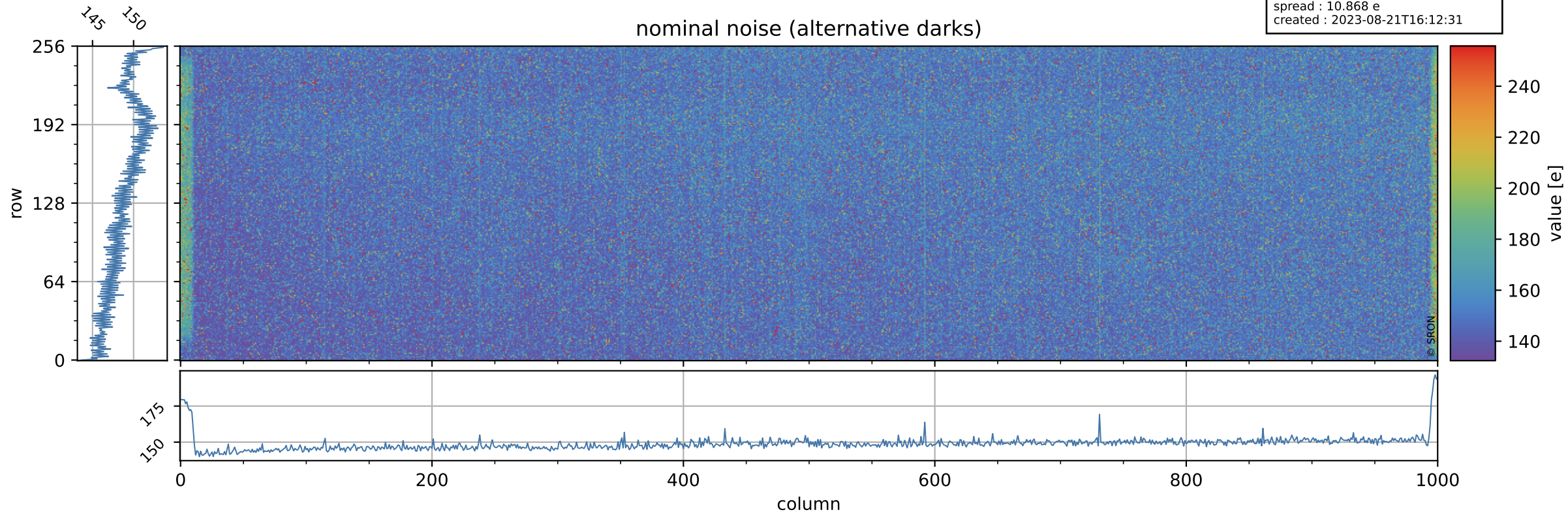


Tropomi SWIR background noise (swir)

orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.868 e
created : 2023-08-21T16:12:31

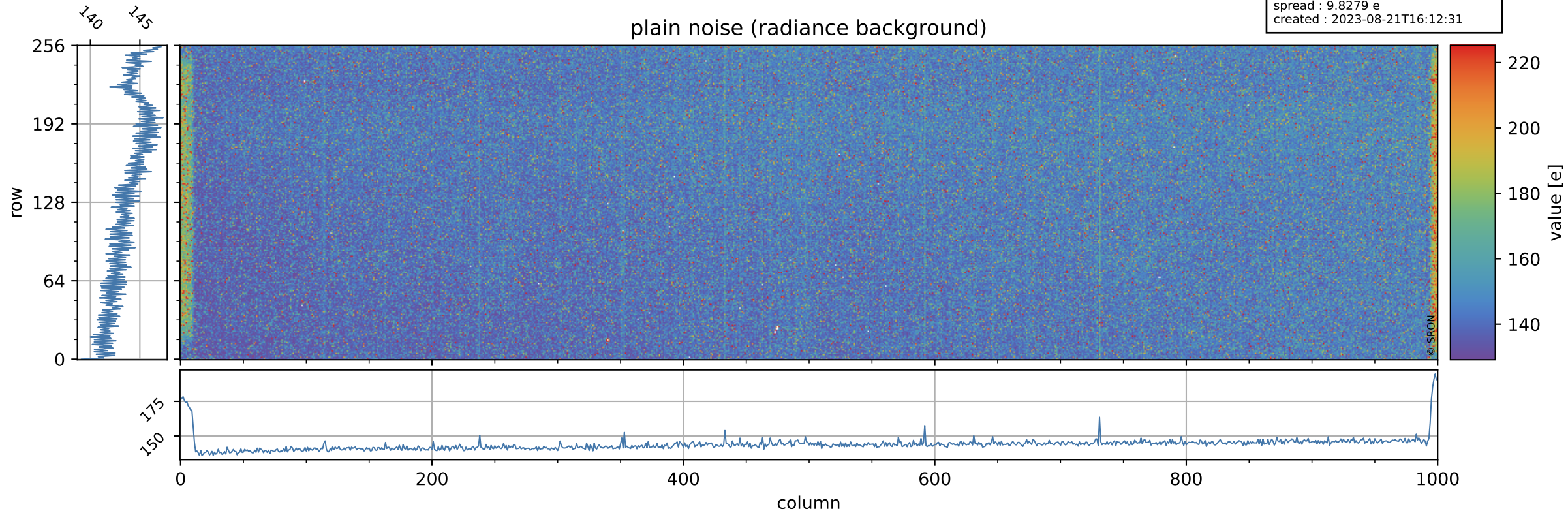
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.8279 e
created : 2023-08-21T16:12:31

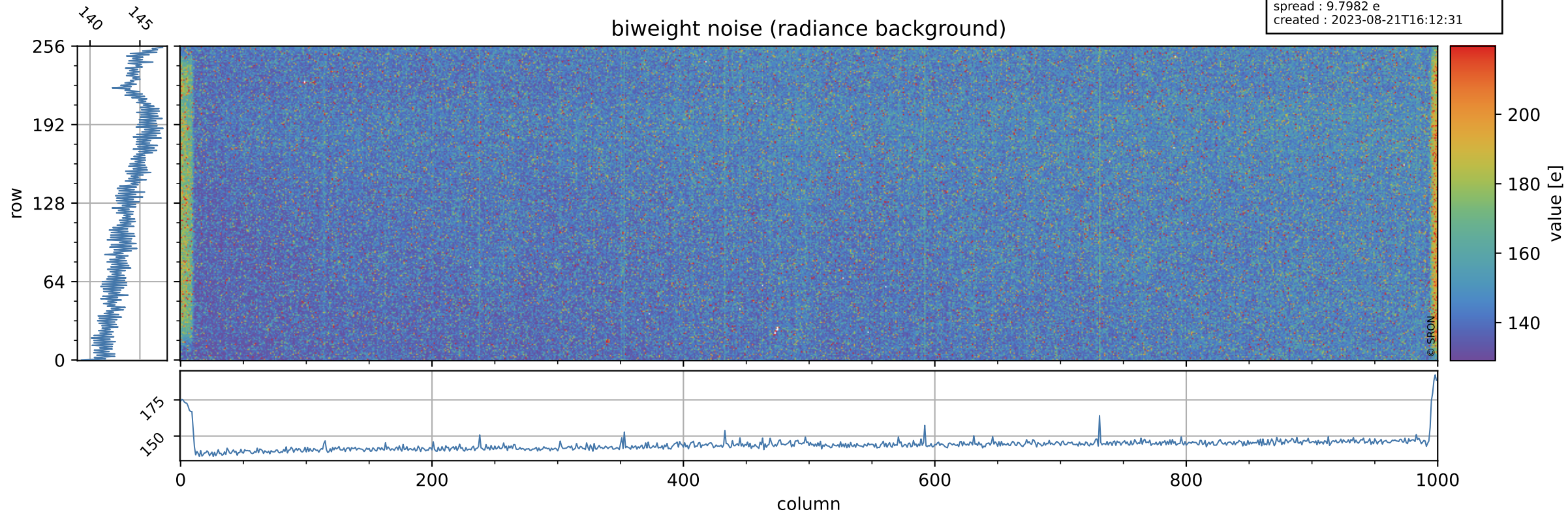
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7982 e
created : 2023-08-21T16:12:31

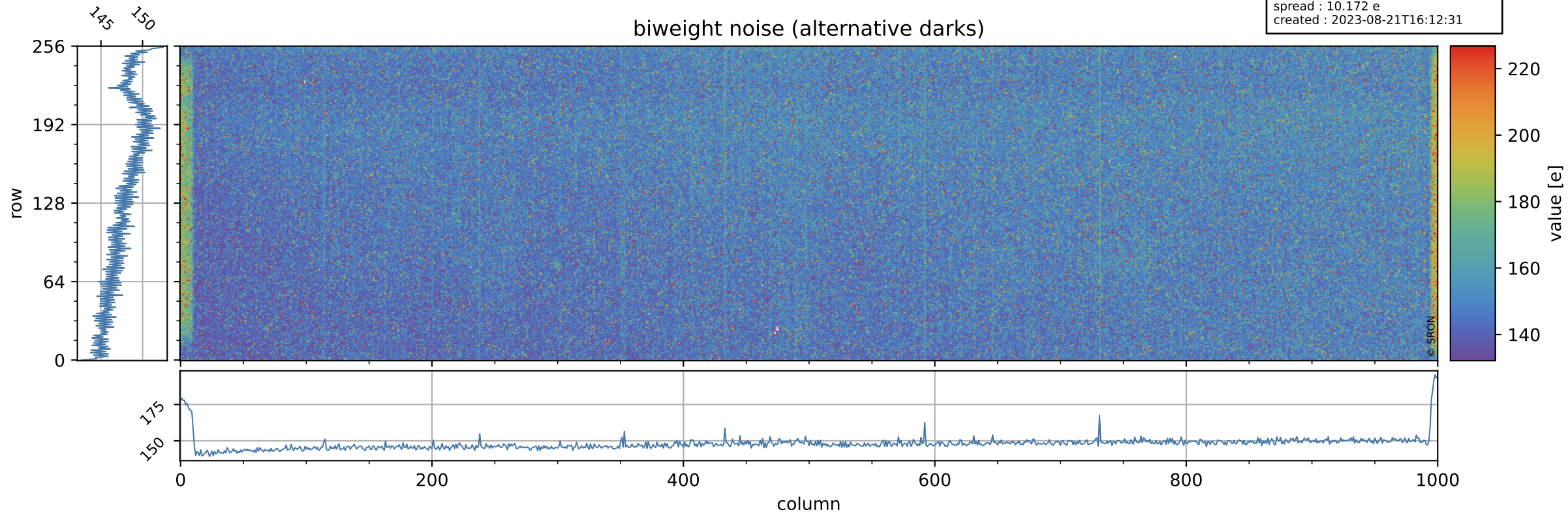
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.172 e
created : 2023-08-21T16:12:31

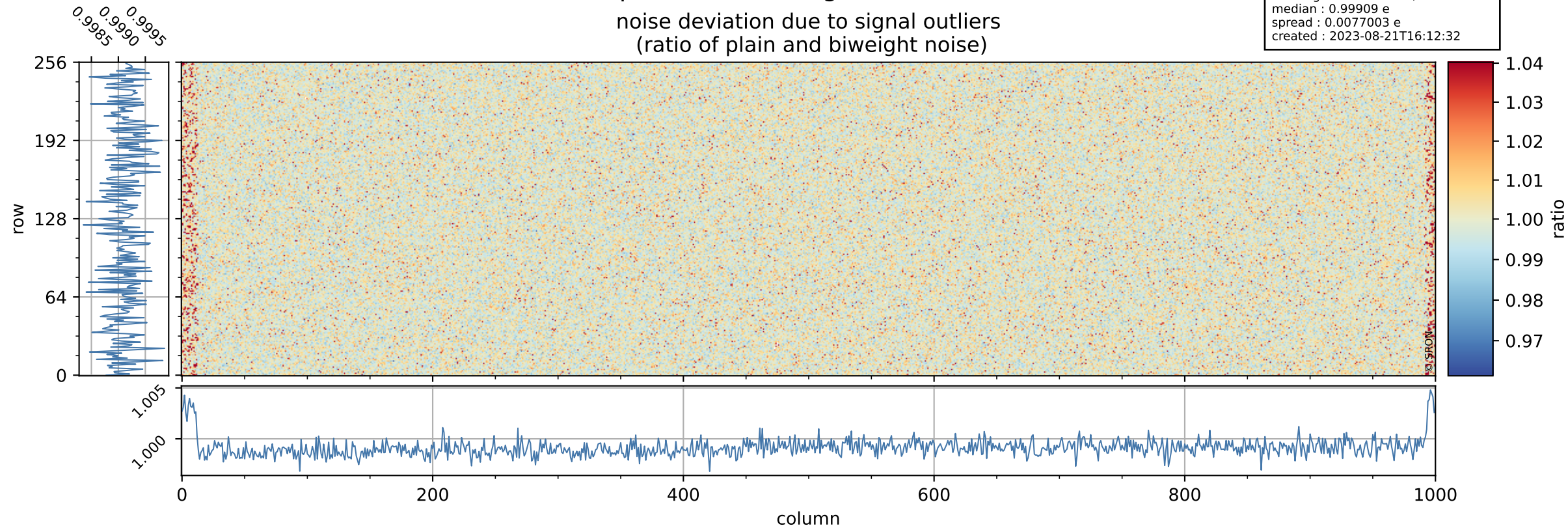
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

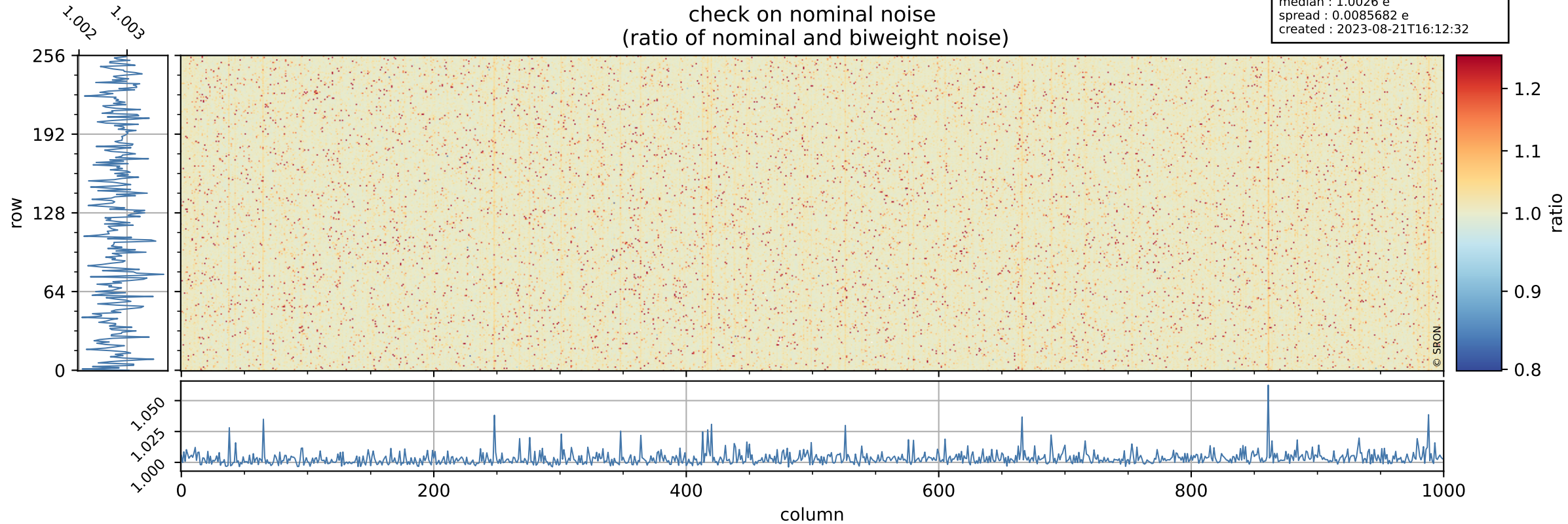
orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
median : 0.99909 e
spread : 0.0077003 e
created : 2023-08-21T16:12:32



Tropomi SWIR background noise (swir)

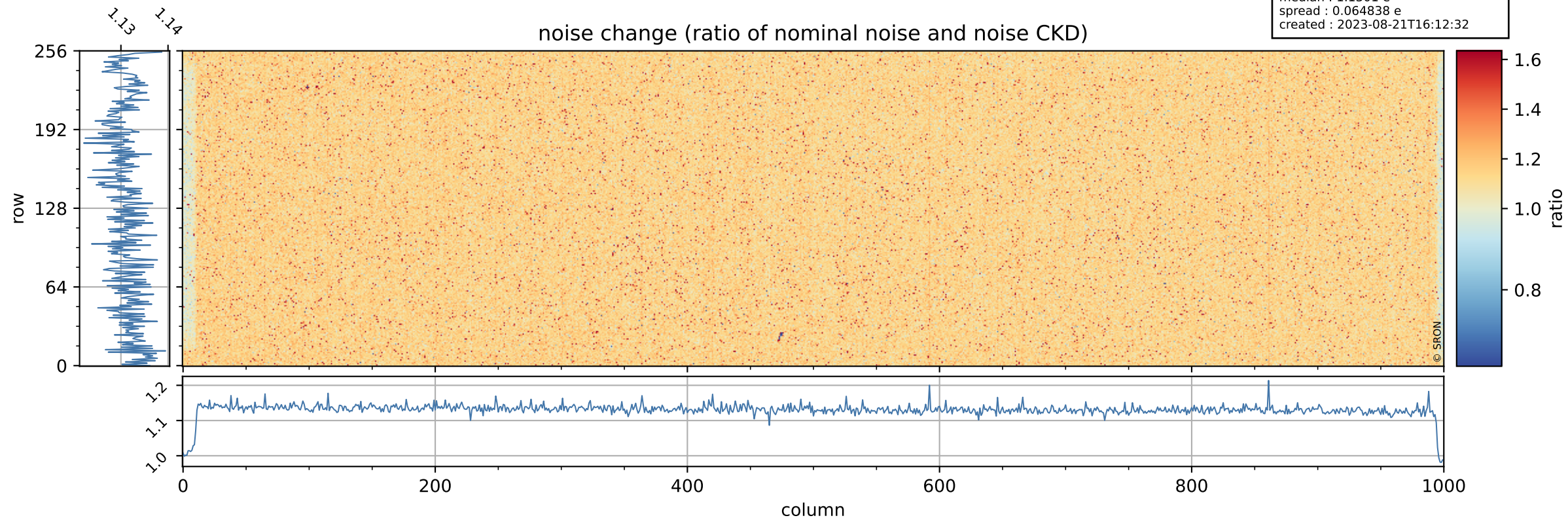
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
median : 1.0026 e
spread : 0.0085682 e
created : 2023-08-21T16:12:32



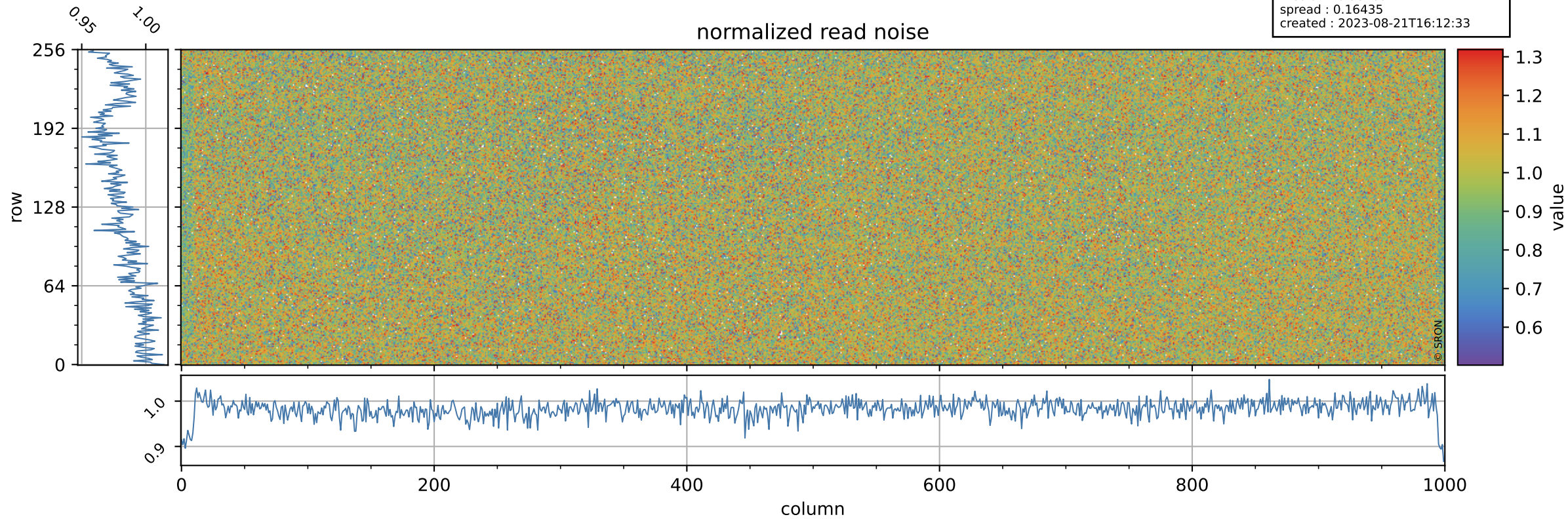
Tropomi SWIR background noise (swir)

orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
median : 1.1301 e
spread : 0.064838 e
created : 2023-08-21T16:12:32



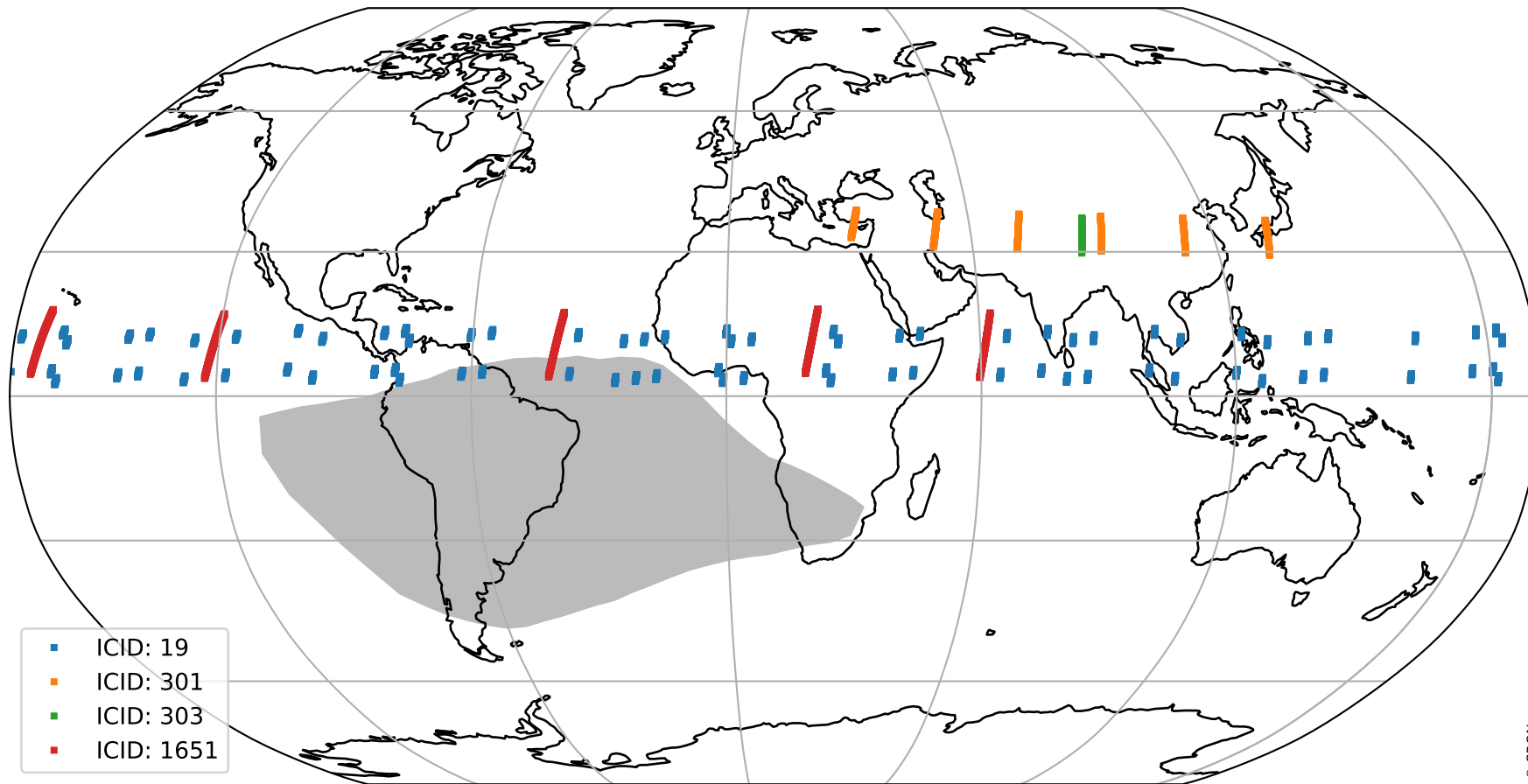
Tropomi SWIR background noise (swir)

orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
median : 0.98169
spread : 0.16435
created : 2023-08-21T16:12:33



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

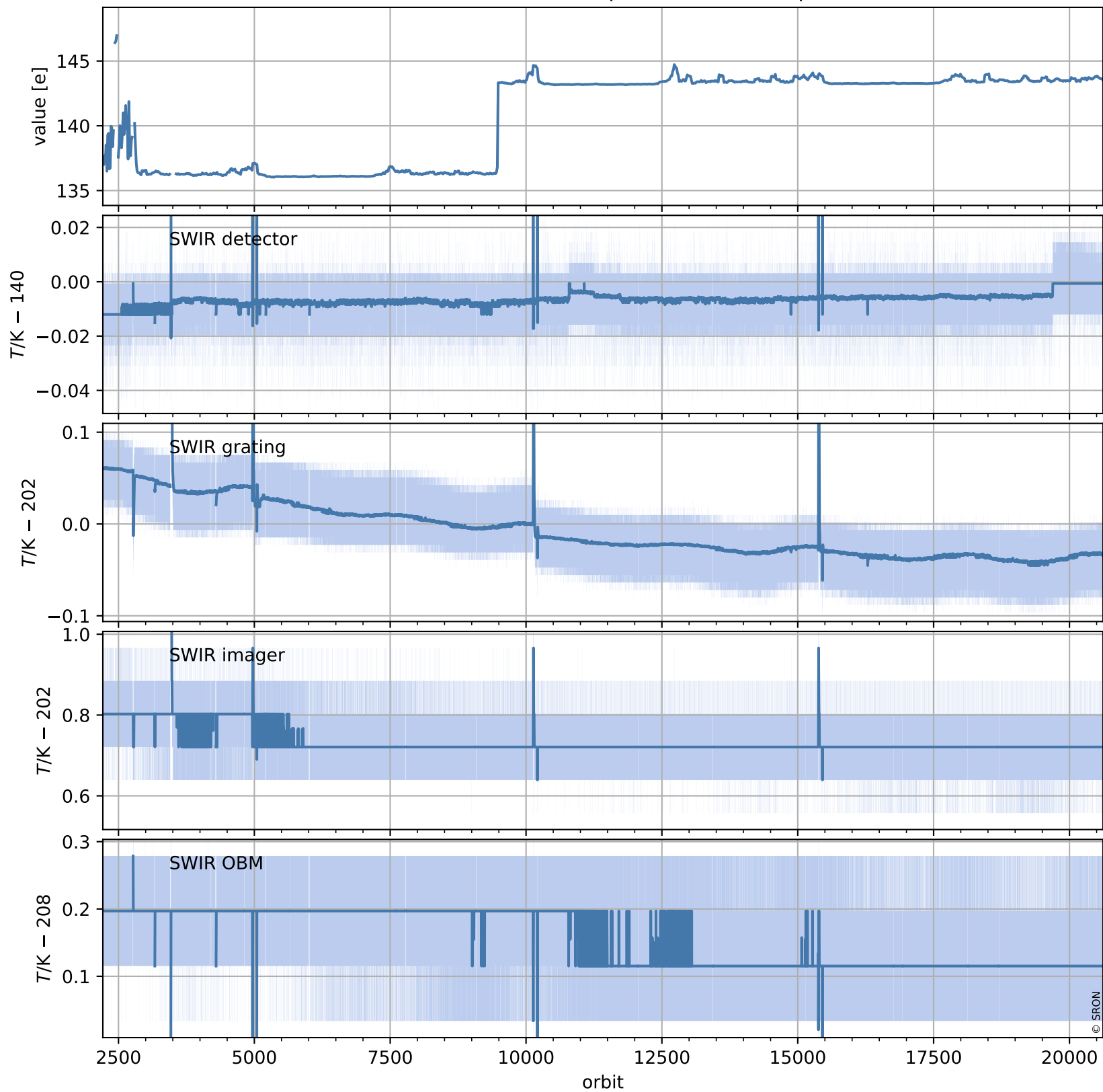
orbits : 12 in [20542, 20617]
coverage : 2021-09-29 / 2021-10-05
created : 2023-08-21T16:12:33



Tropomi SWIR background noise (swir)

orbits : [2212, 20617]
coverage : 2018-03-18 / 2021-10-05
created : 2023-08-21T16:12:33

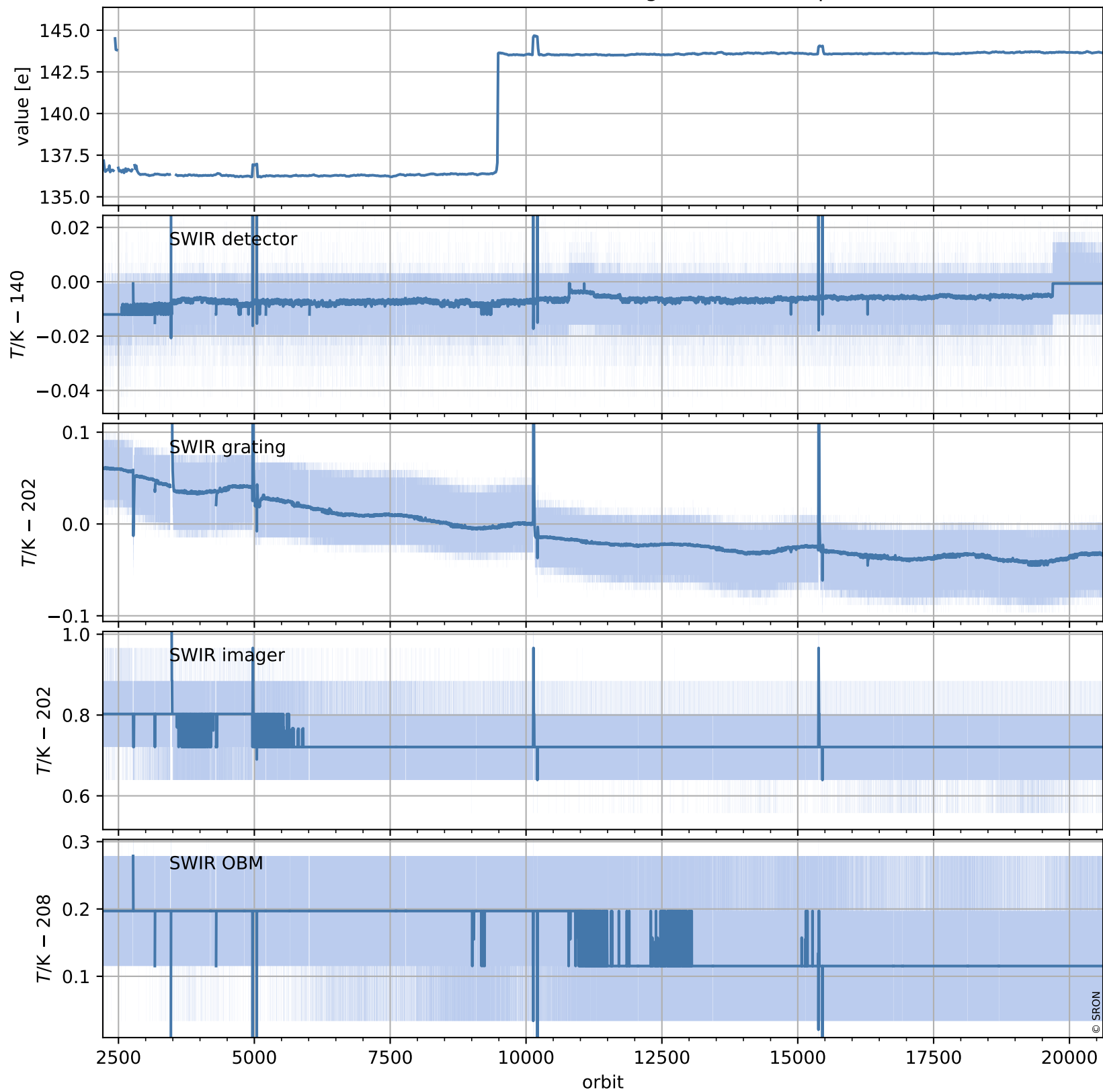
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20617]
coverage : 2018-03-18 / 2021-10-05
created : 2023-08-21T16:12:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20617]
coverage : 2018-03-18 / 2021-10-05
created : 2023-08-21T16:12:35

trend of normalized read-noise & temperatures

