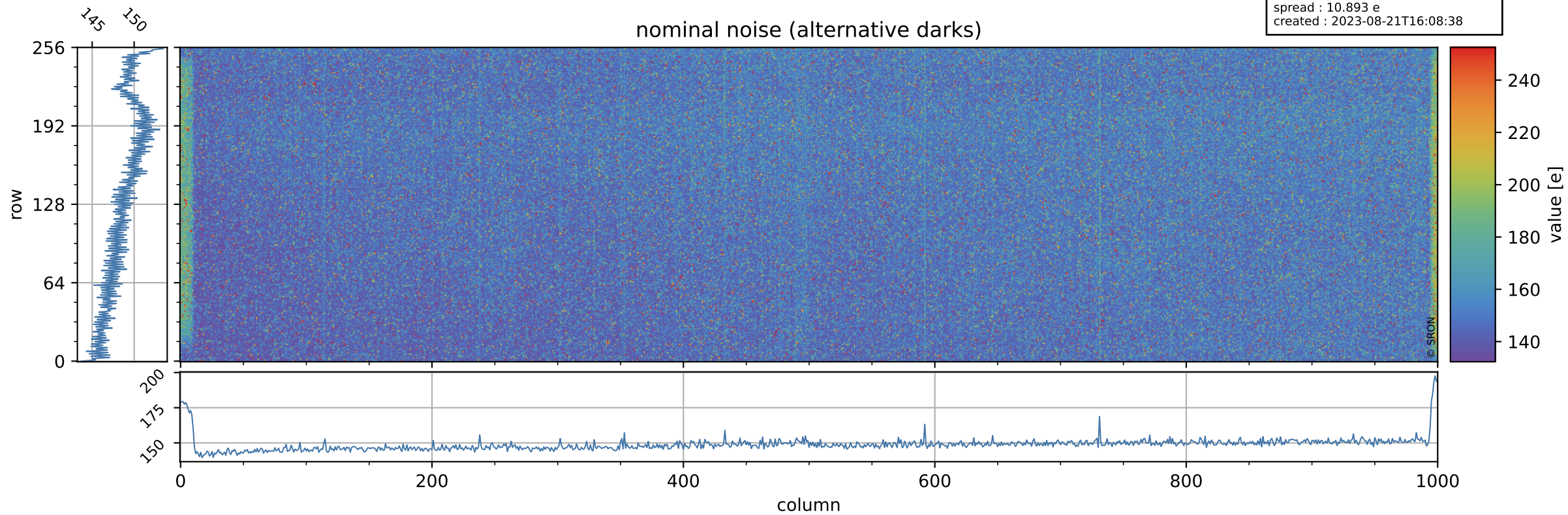


Tropomi SWIR background noise (swir)

orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.893 e
created : 2023-08-21T16:08:38

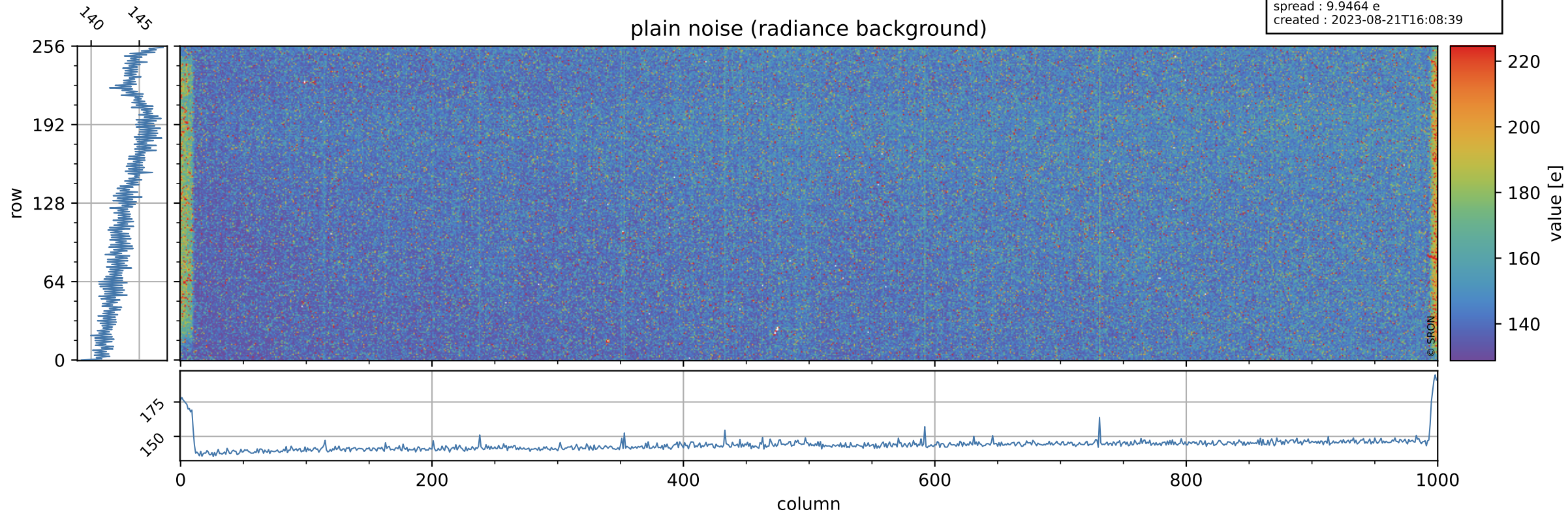
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9464 e
created : 2023-08-21T16:08:39

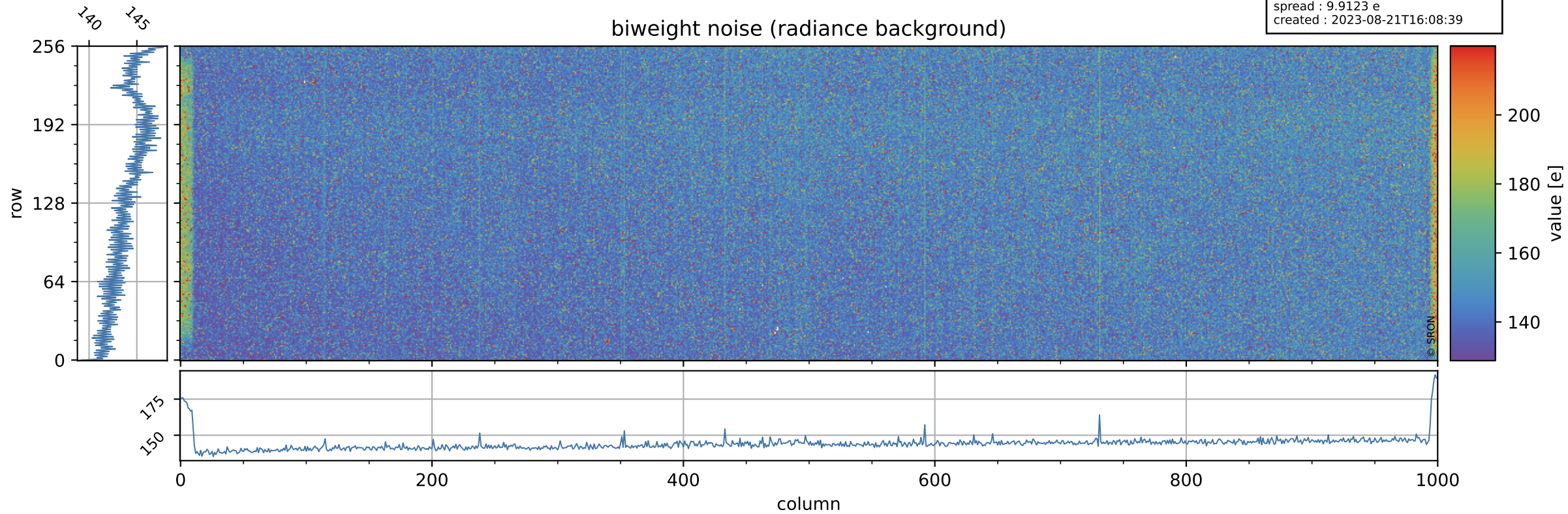
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9123 e
created : 2023-08-21T16:08:39

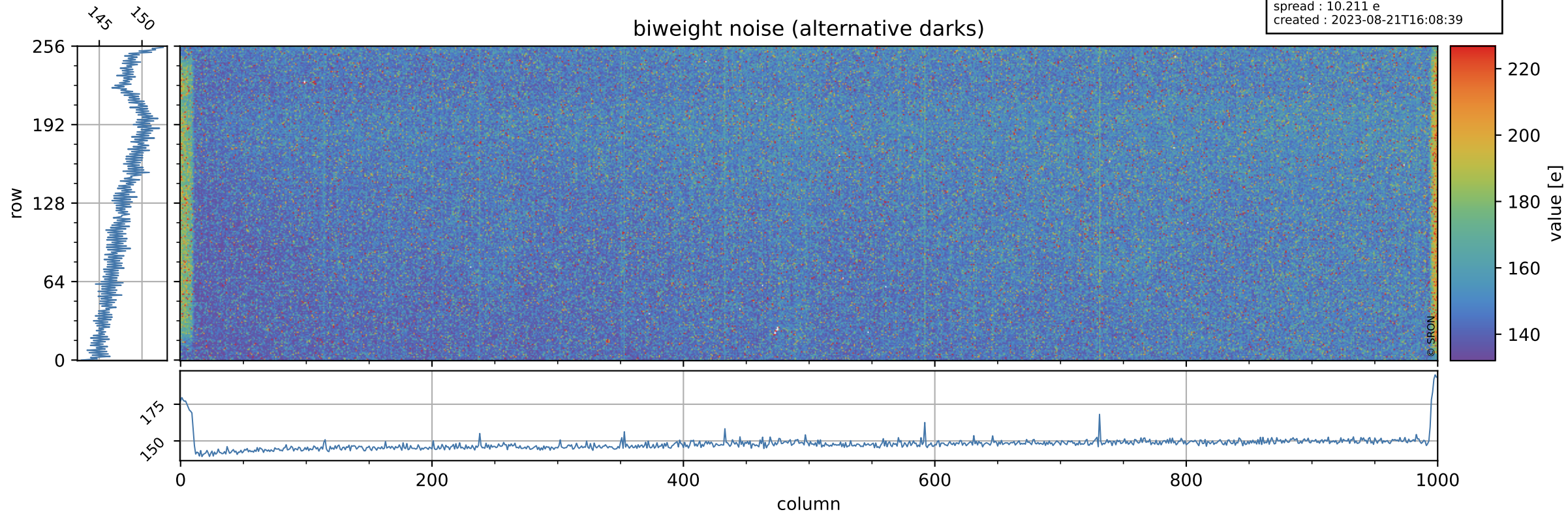
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.211 e
created : 2023-08-21T16:08:39

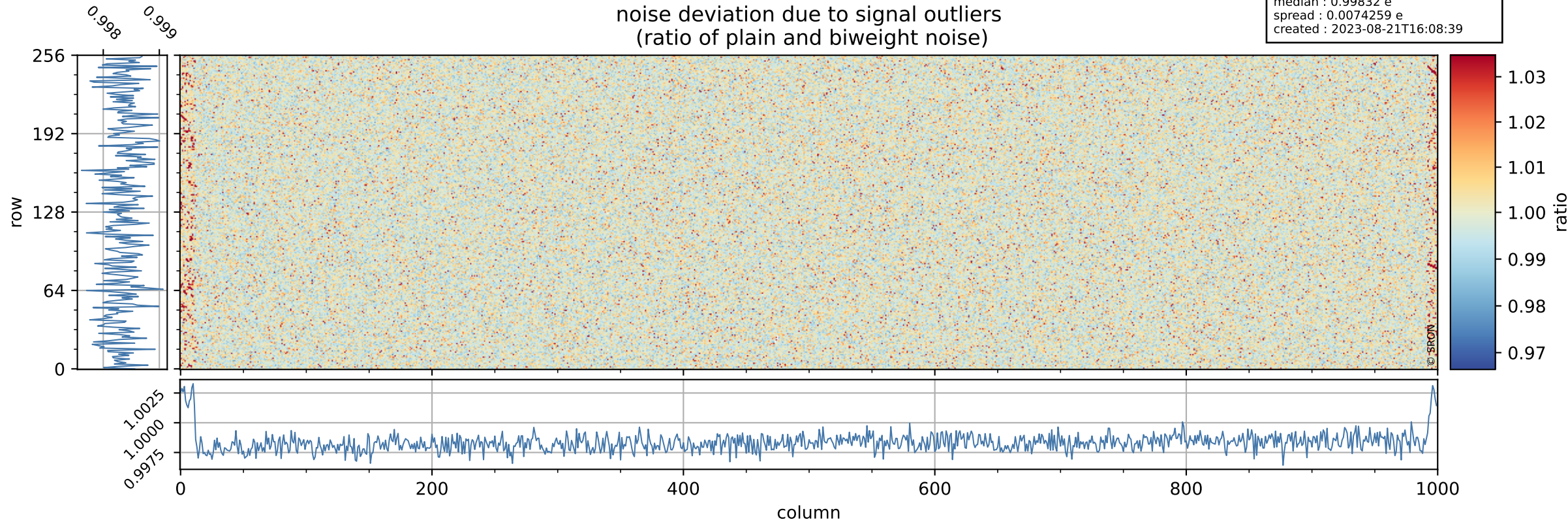
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

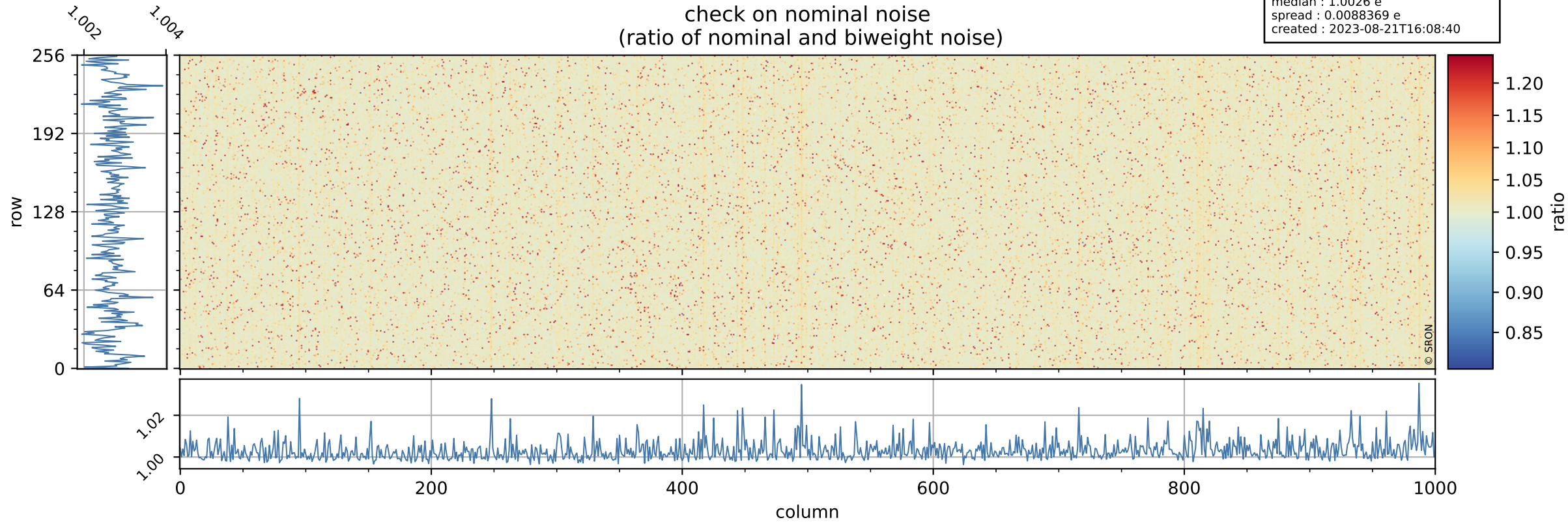
orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
median : 0.99832 e
spread : 0.0074259 e
created : 2023-08-21T16:08:39



Tropomi SWIR background noise (swir)

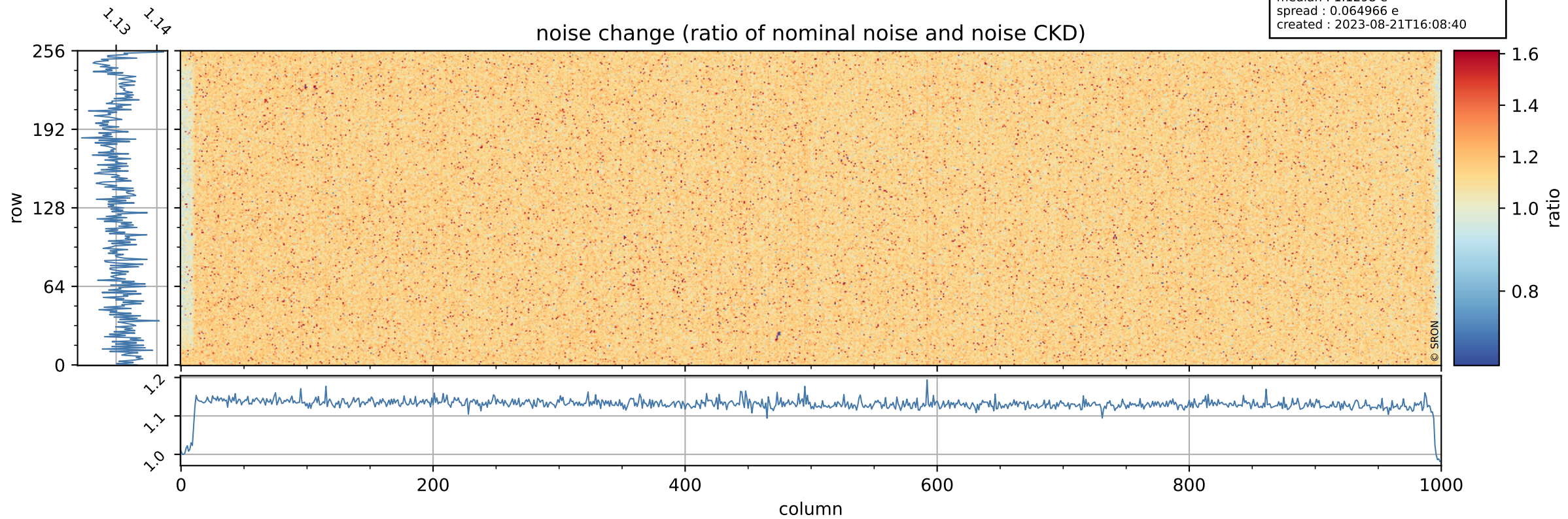
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
median : 1.0026 e
spread : 0.0088369 e
created : 2023-08-21T16:08:40



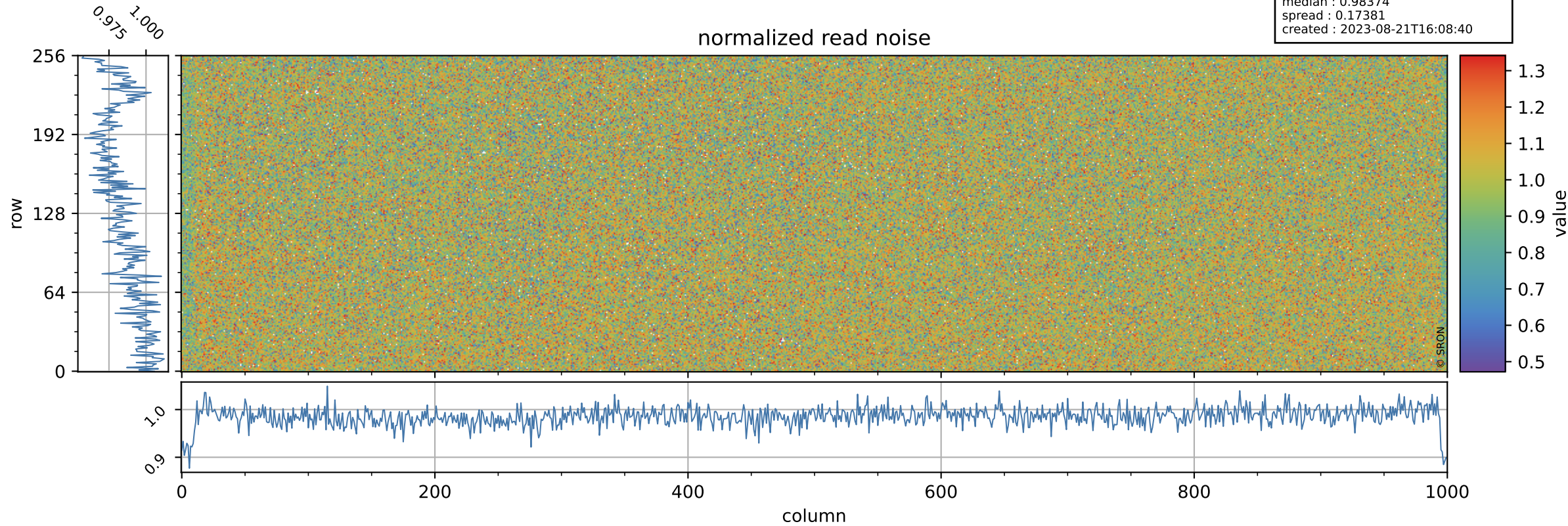
Tropomi SWIR background noise (swir)

orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
median : 1.1298 e
spread : 0.064966 e
created : 2023-08-21T16:08:40



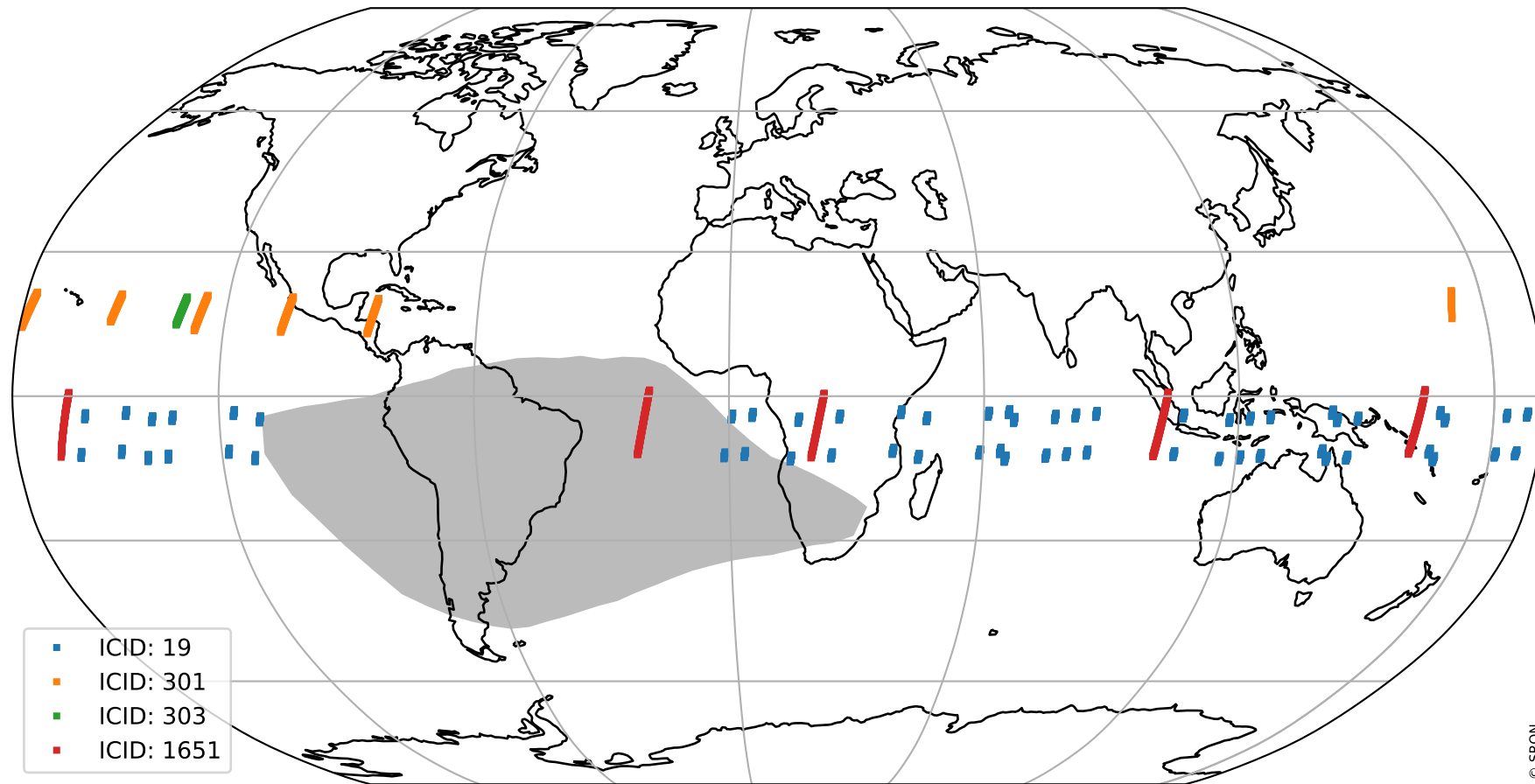
Tropomi SWIR background noise (swir)

orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
median : 0.98374
spread : 0.17381
created : 2023-08-21T16:08:40



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

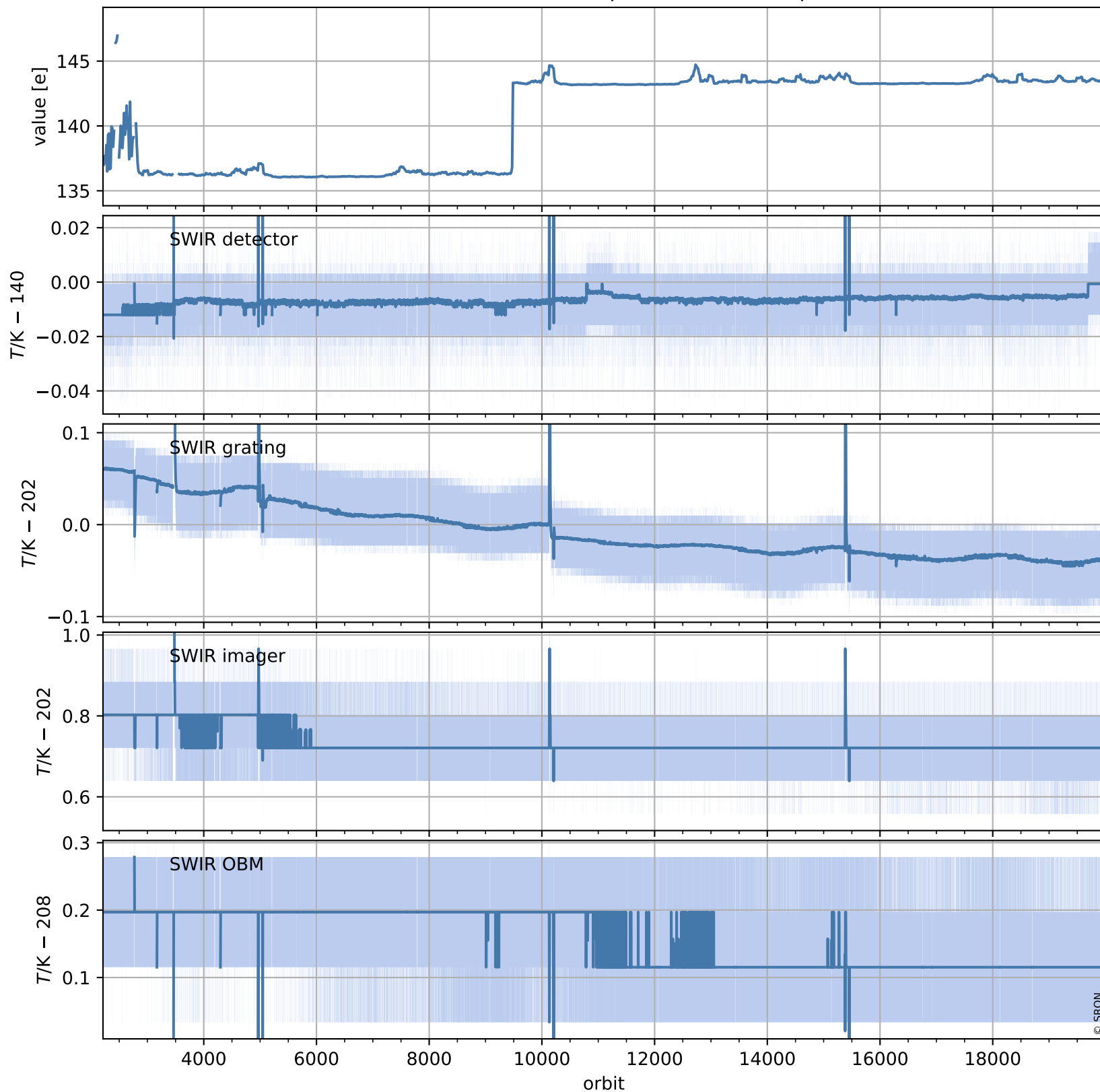
orbits : 12 in [19912, 19987]
coverage : 2021-08-16 / 2021-08-21
created : 2023-08-21T16:08:41



Tropomi SWIR background noise (swir)

orbits : [2212, 19987]
coverage : 2018-03-18 / 2021-08-21
created : 2023-08-21T16:08:41

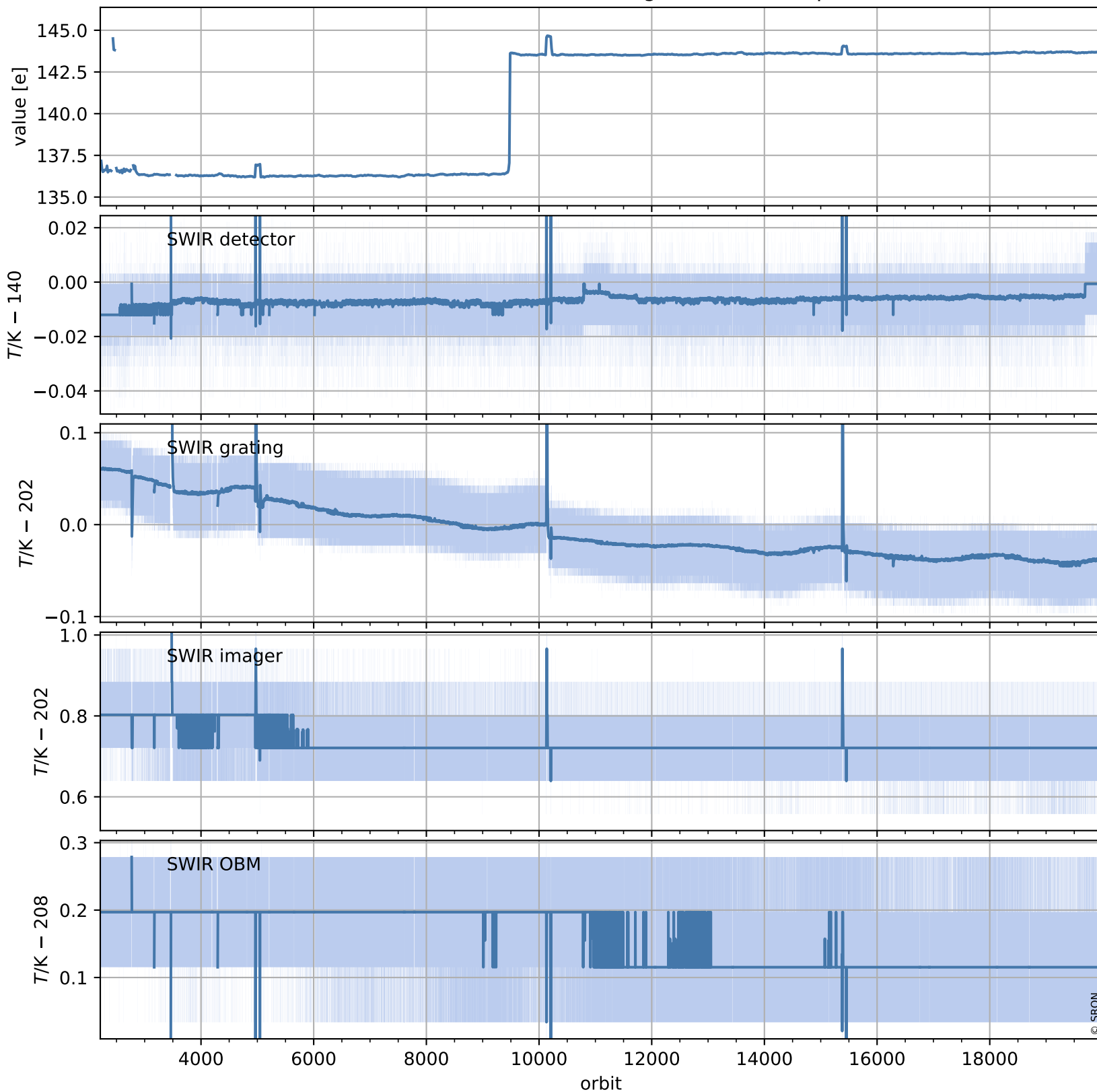
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19987]
coverage : 2018-03-18 / 2021-08-21
created : 2023-08-21T16:08:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19987]
coverage : 2018-03-18 / 2021-08-21
created : 2023-08-21T16:08:43

trend of normalized read-noise & temperatures

