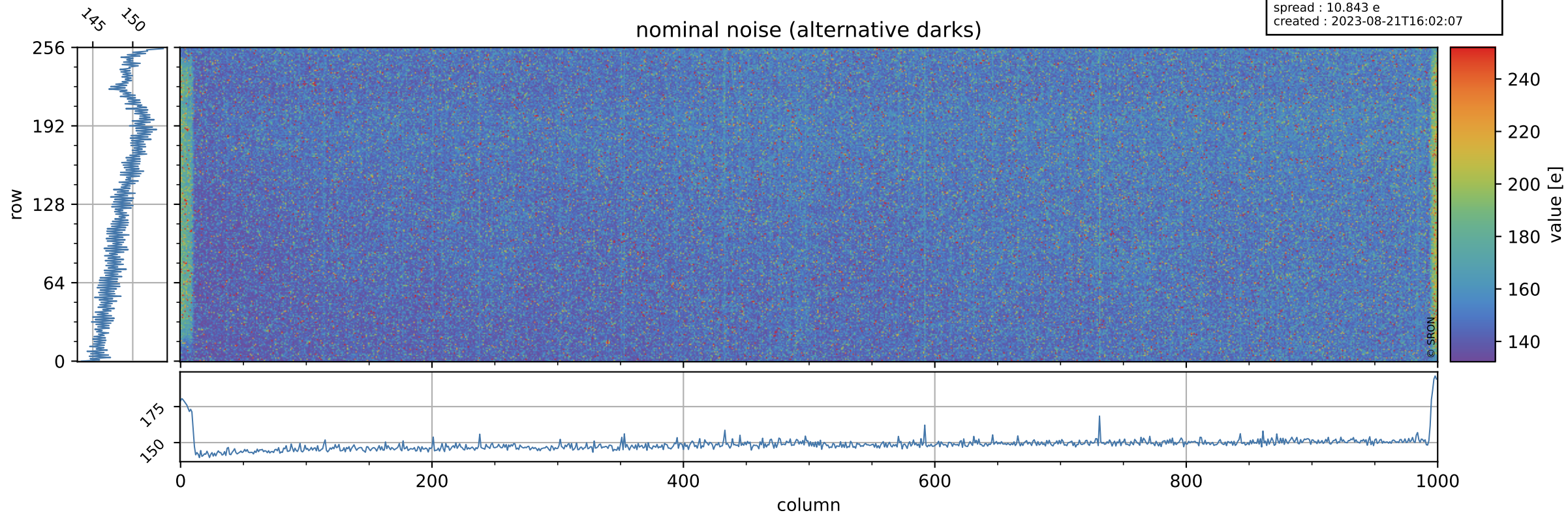


Tropomi SWIR background noise (swir)

orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.843 e
created : 2023-08-21T16:02:07

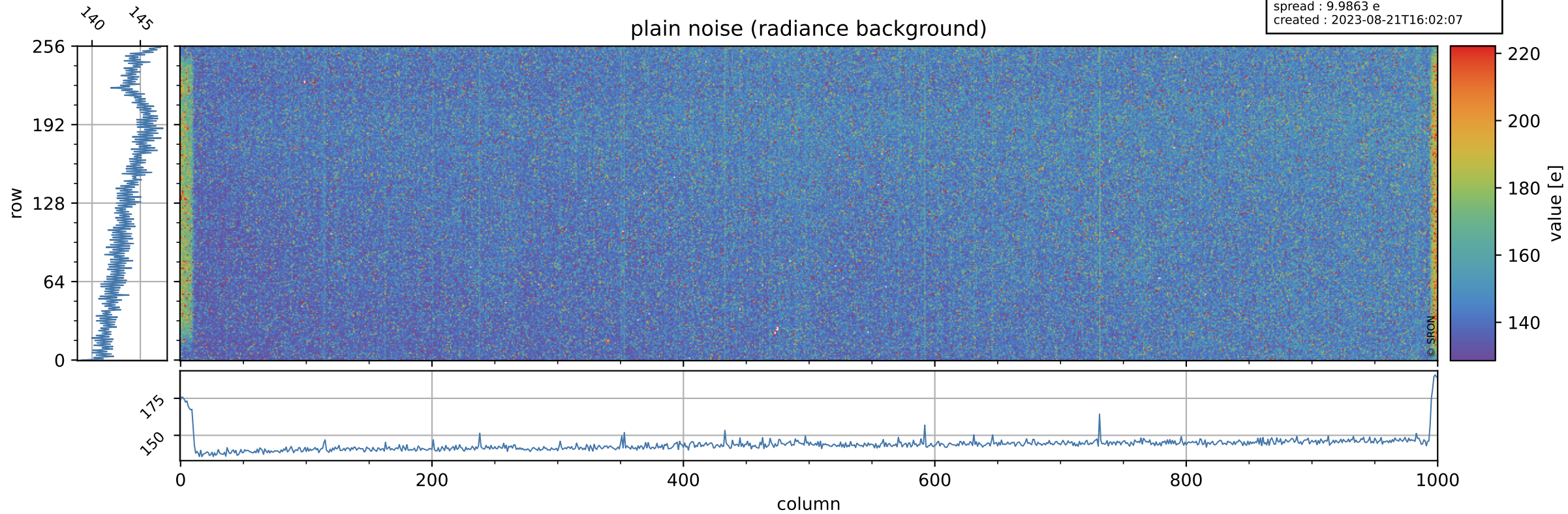
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.9863 e
created : 2023-08-21T16:02:07

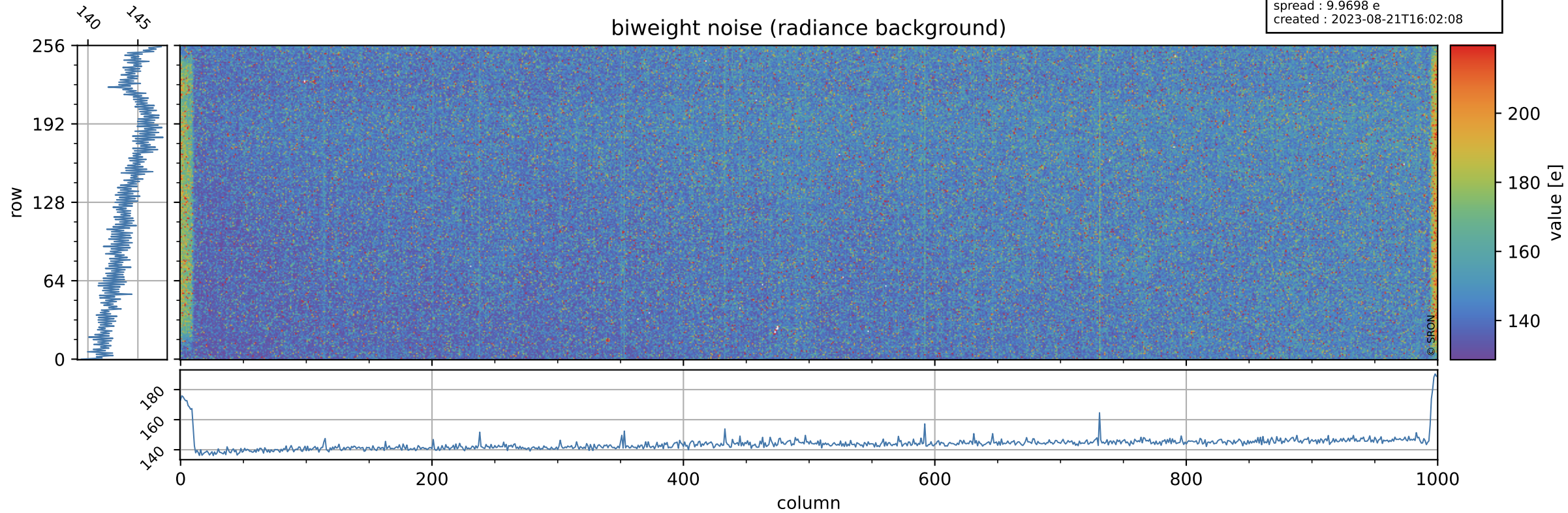
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9698 e
created : 2023-08-21T16:02:08

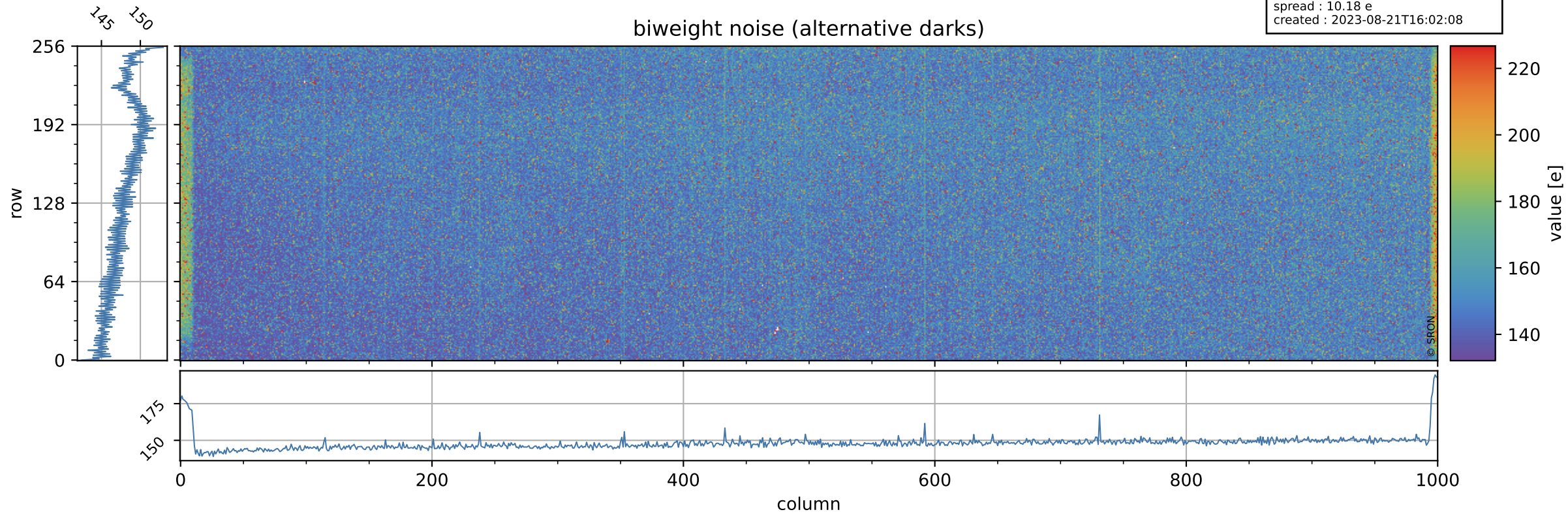
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.18 e
created : 2023-08-21T16:02:08

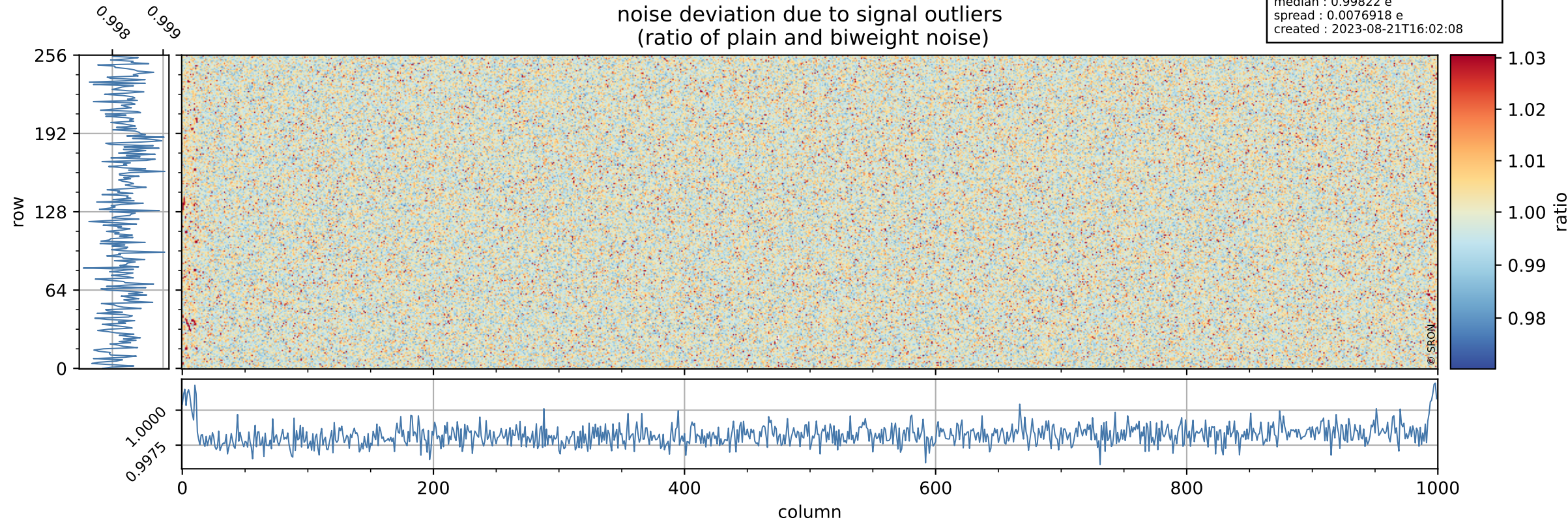
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

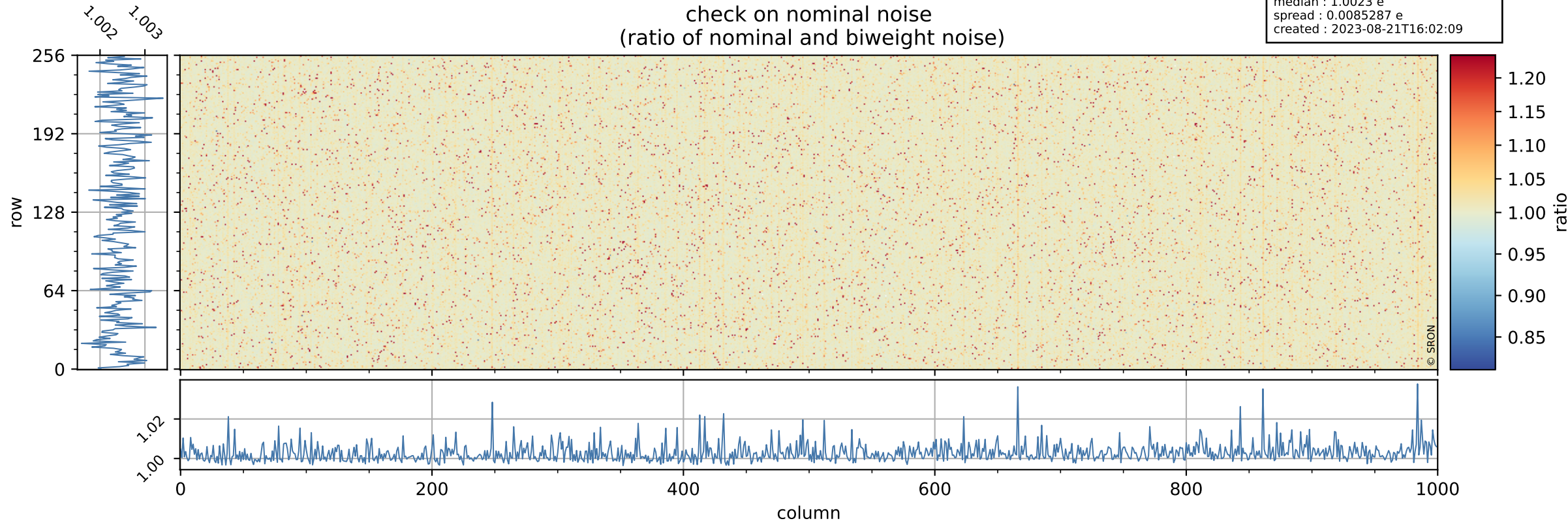
orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
median : 0.99822 e
spread : 0.0076918 e
created : 2023-08-21T16:02:08



Tropomi SWIR background noise (swir)

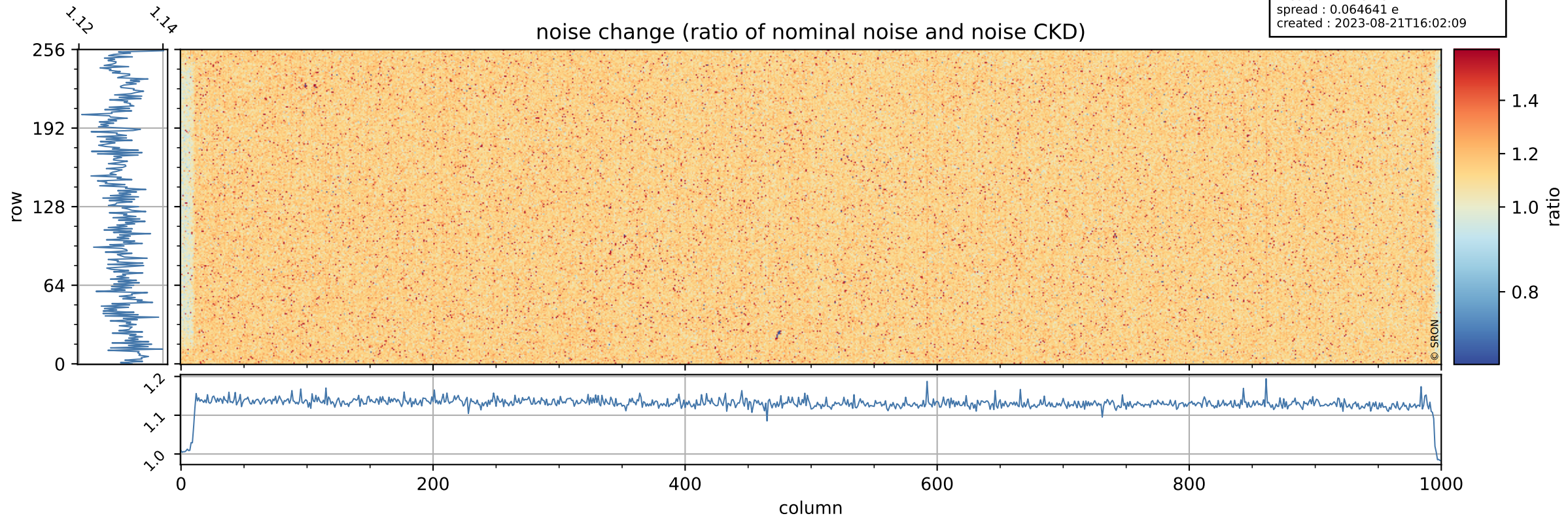
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
median : 1.0023 e
spread : 0.0085287 e
created : 2023-08-21T16:02:09



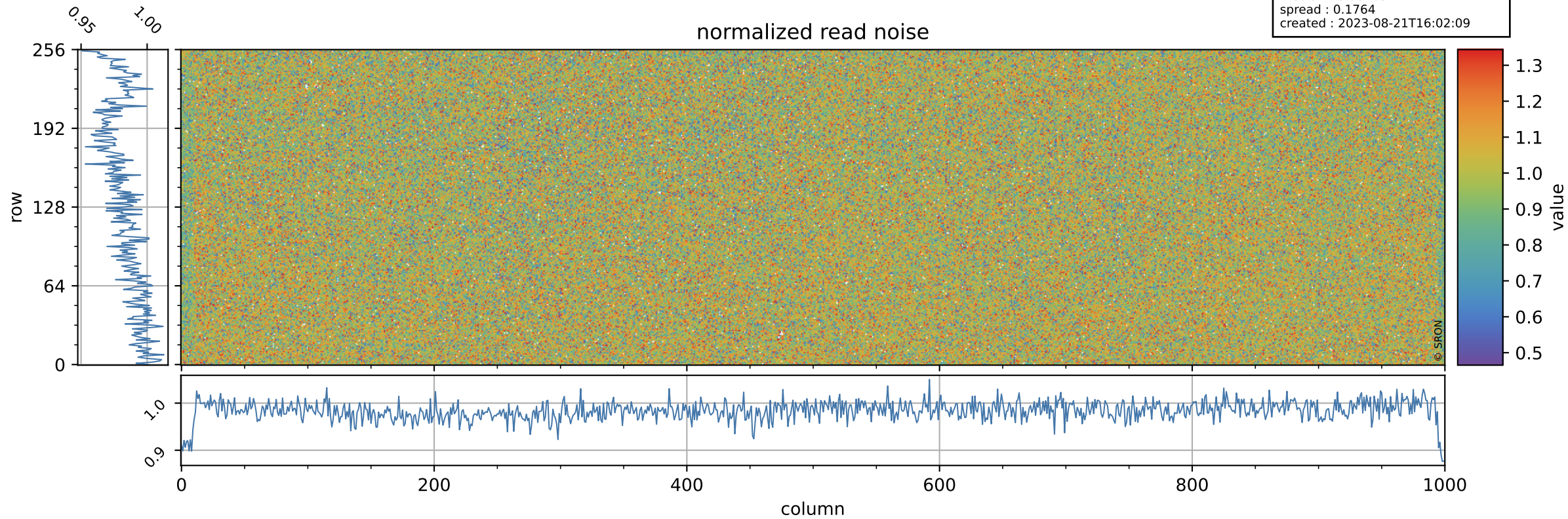
Tropomi SWIR background noise (swir)

orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
median : 1.1294 e
spread : 0.064641 e
created : 2023-08-21T16:02:09



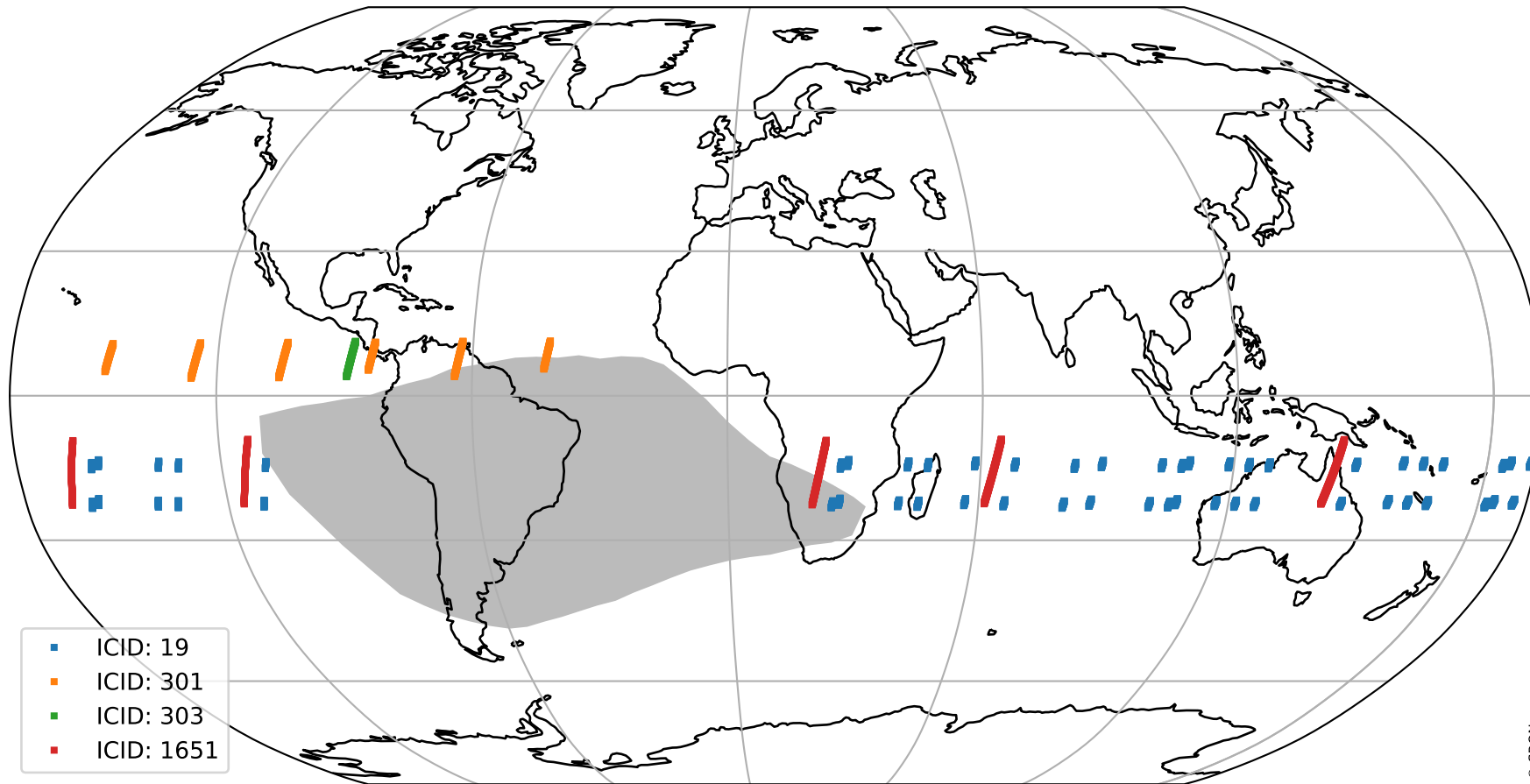
Tropomi SWIR background noise (swir)

orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
median : 0.98205
spread : 0.1764
created : 2023-08-21T16:02:09



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

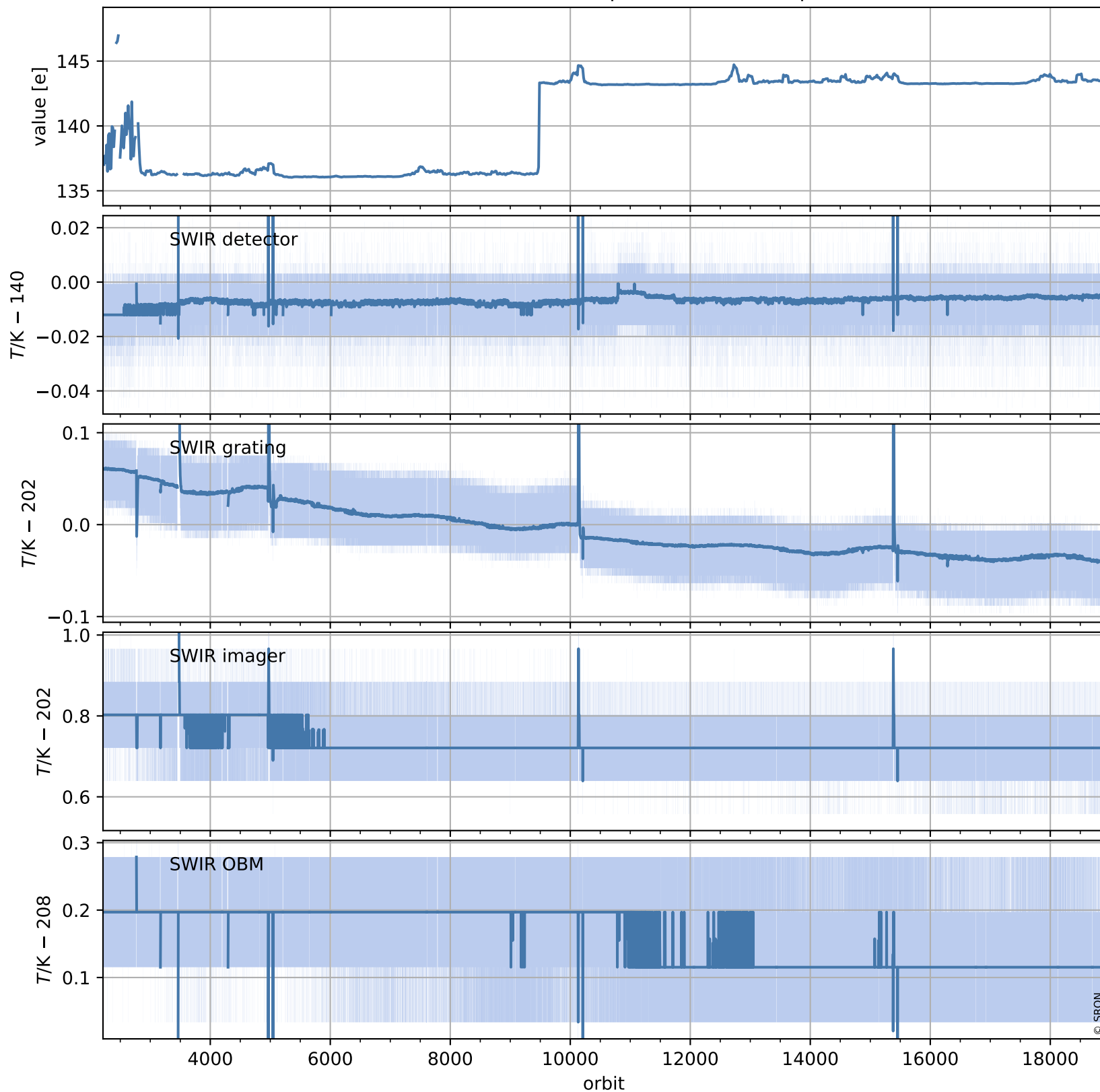
orbits : 12 in [18832, 18907]
coverage : 2021-06-01 / 2021-06-06
created : 2023-08-21T16:02:10



Tropomi SWIR background noise (swir)

orbits : [2212, 18907]
coverage : 2018-03-18 / 2021-06-06
created : 2023-08-21T16:02:10

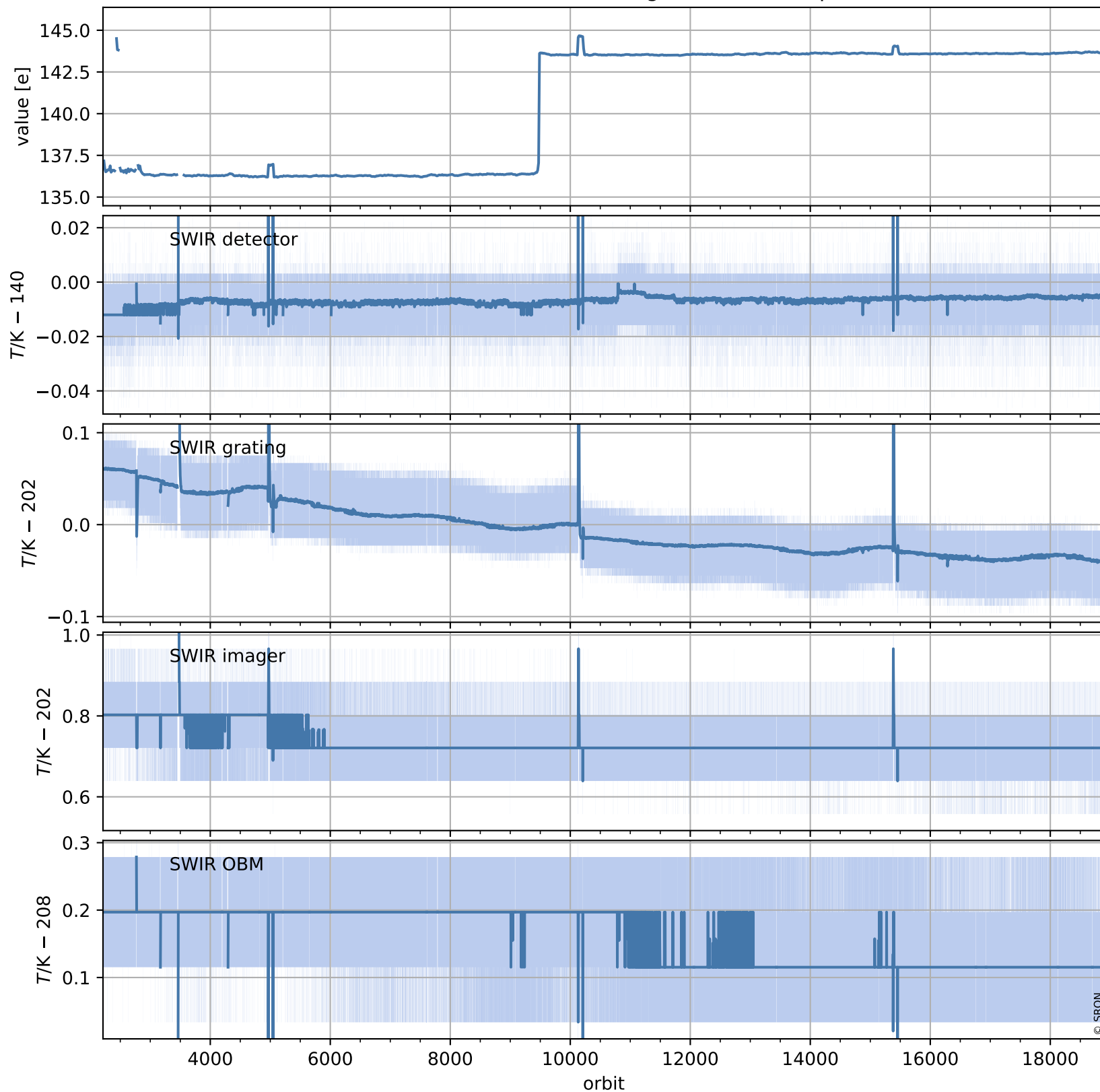
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18907]
coverage : 2018-03-18 / 2021-06-06
created : 2023-08-21T16:02:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18907]
coverage : 2018-03-18 / 2021-06-06
created : 2023-08-21T16:02:12

trend of normalized read-noise & temperatures

