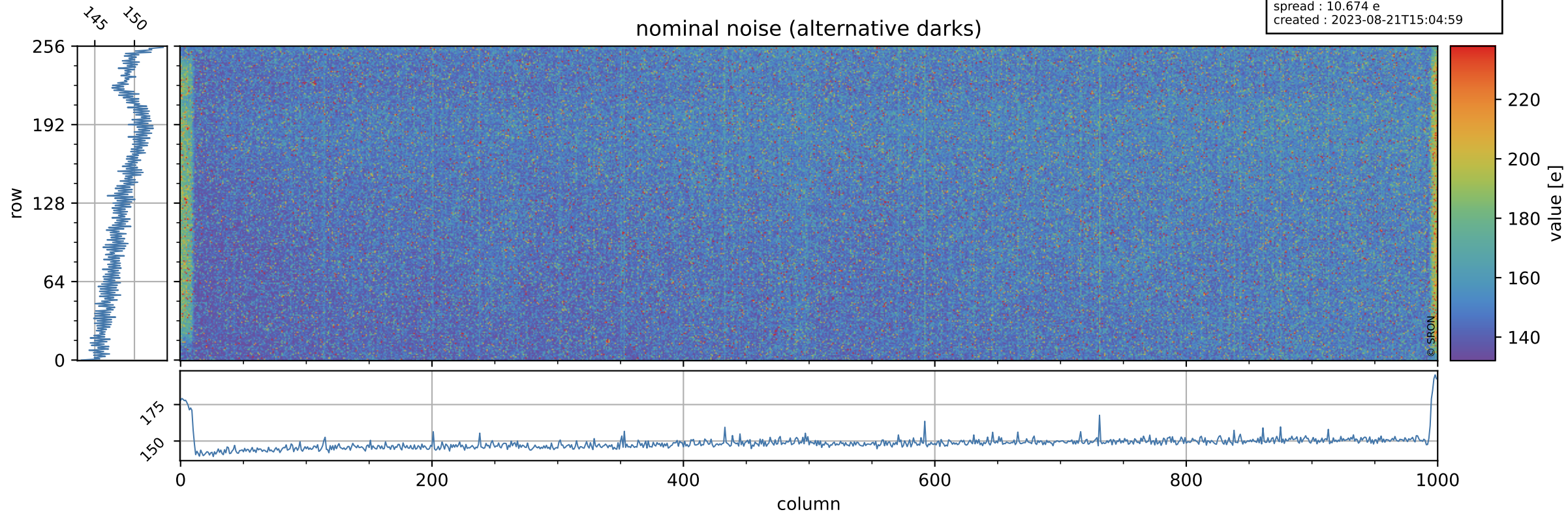


Tropomi SWIR background noise (swir)

orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.674 e
created : 2023-08-21T15:04:59

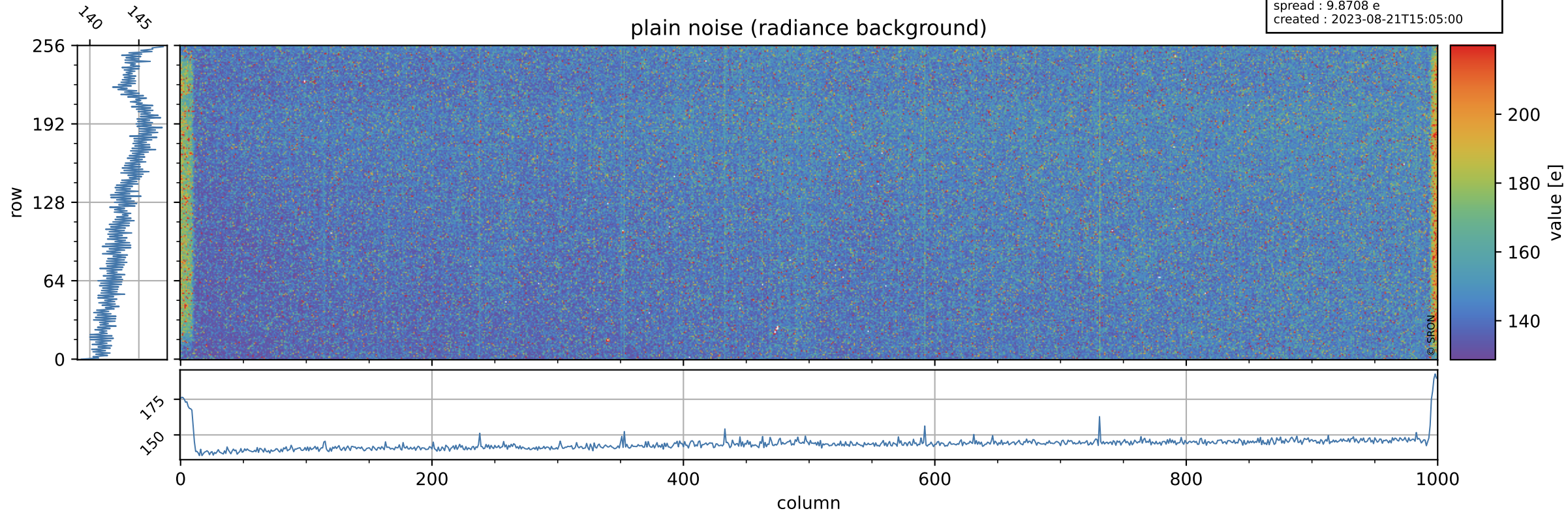
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8708 e
created : 2023-08-21T15:05:00

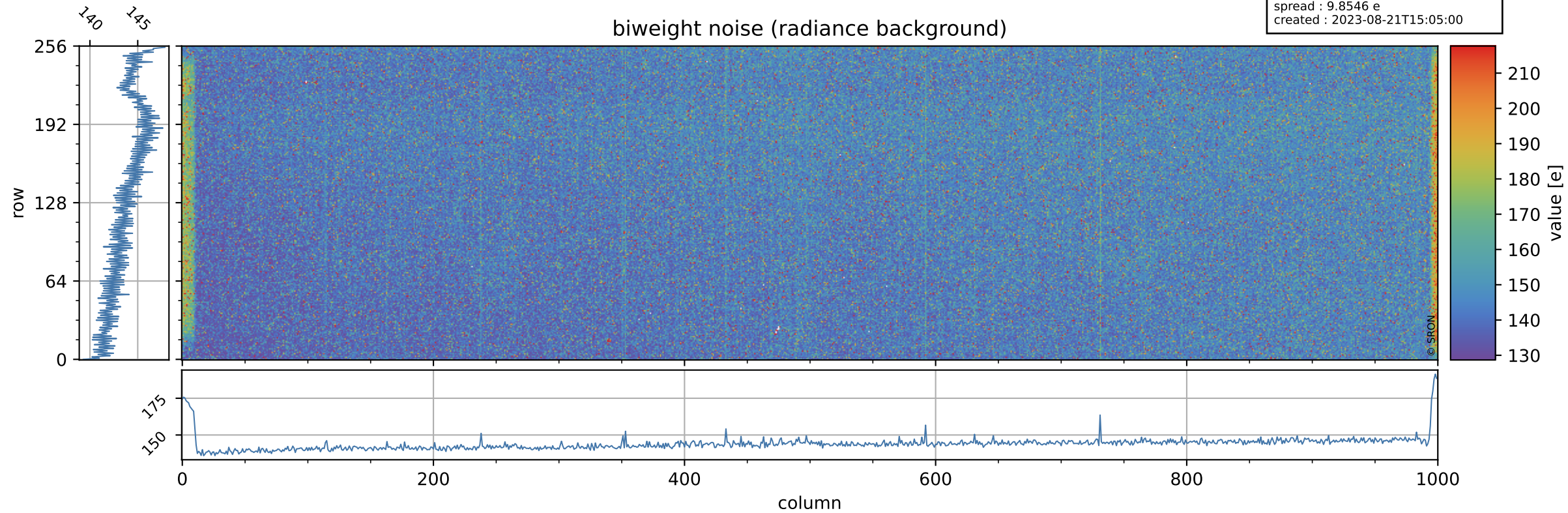
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8546 e
created : 2023-08-21T15:05:00

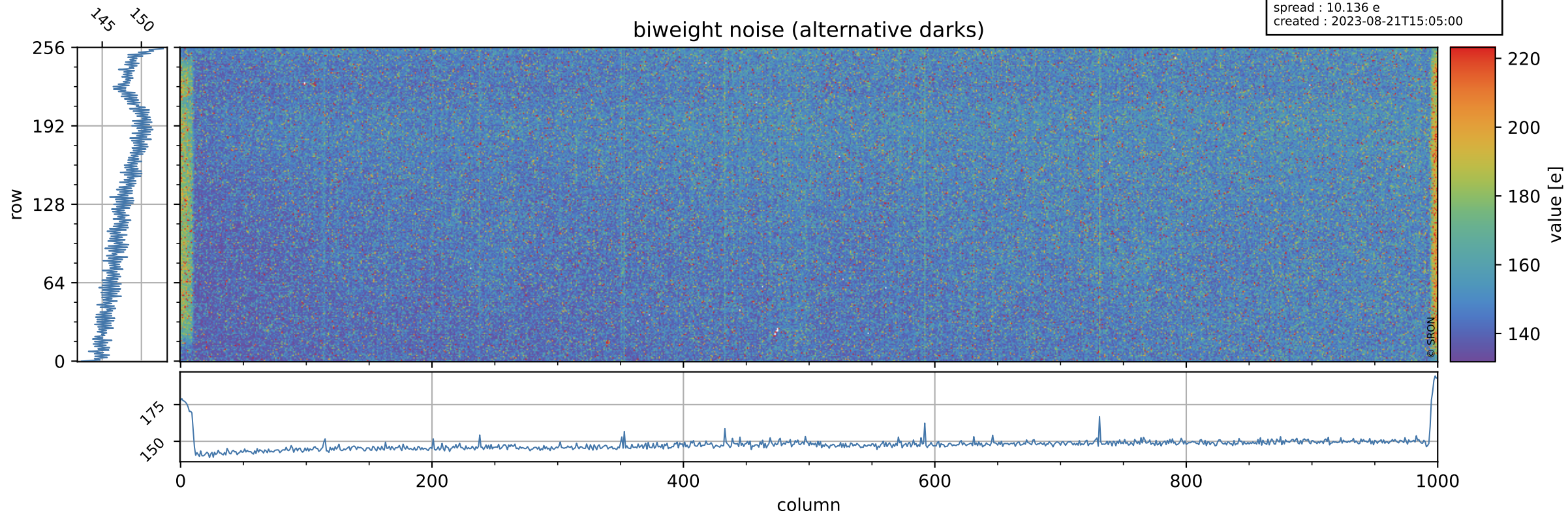
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.136 e
created : 2023-08-21T15:05:00

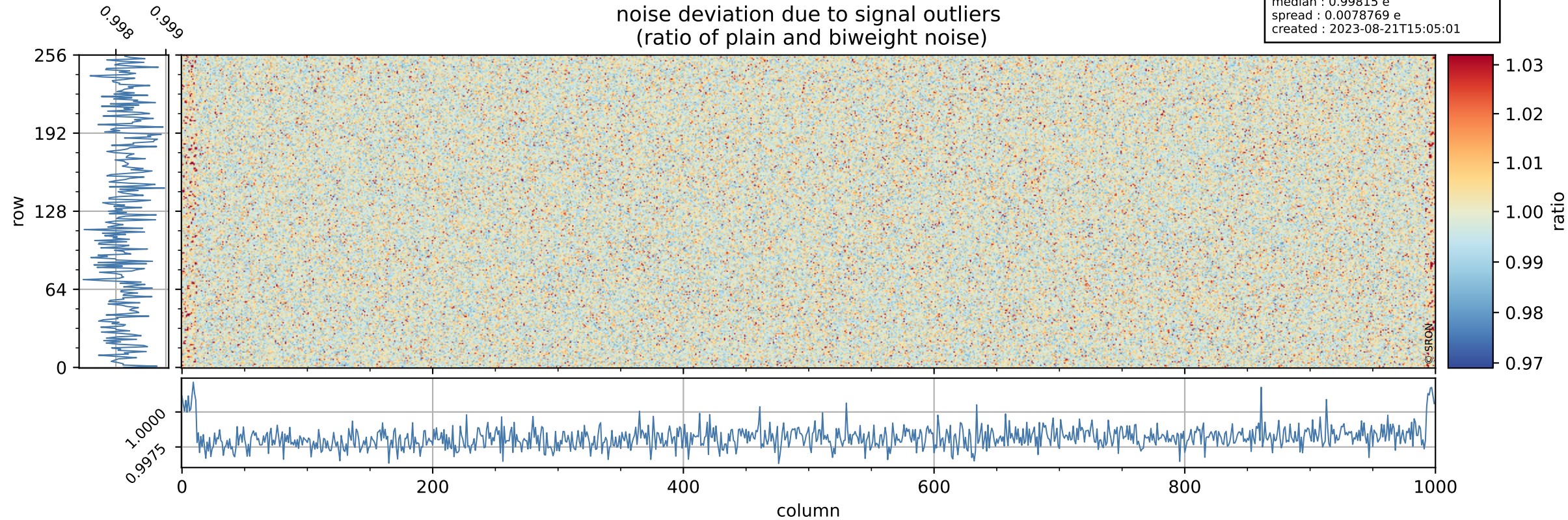
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

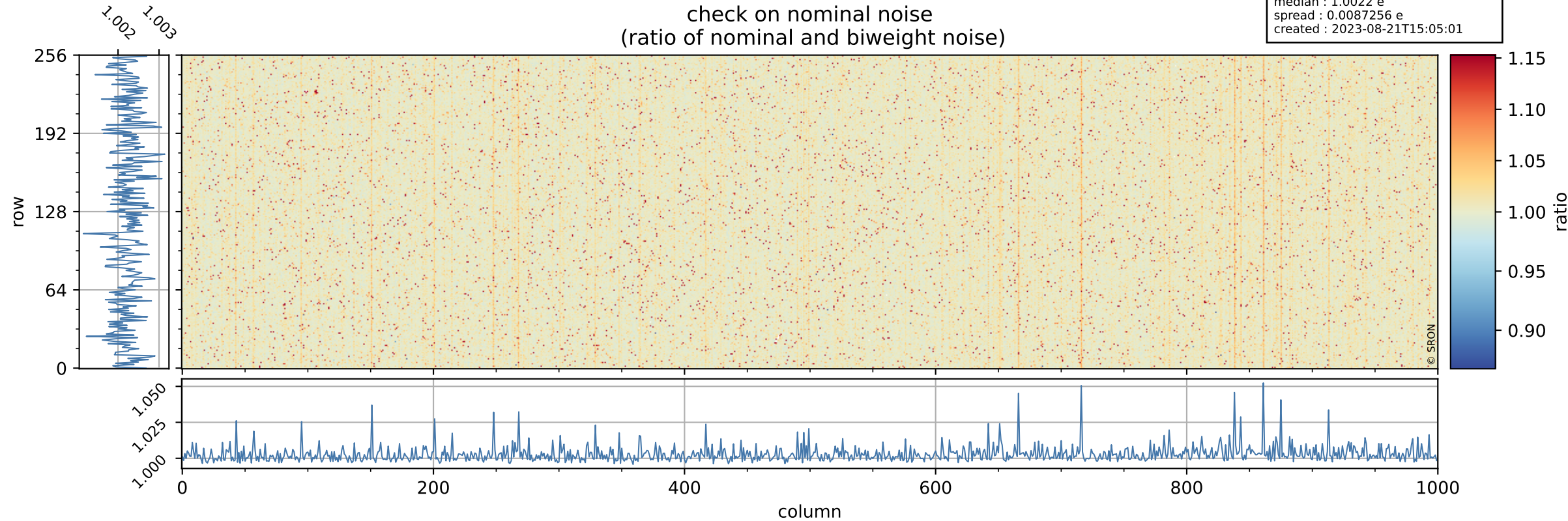
orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
median : 0.99815 e
spread : 0.0078769 e
created : 2023-08-21T15:05:01



Tropomi SWIR background noise (swir)

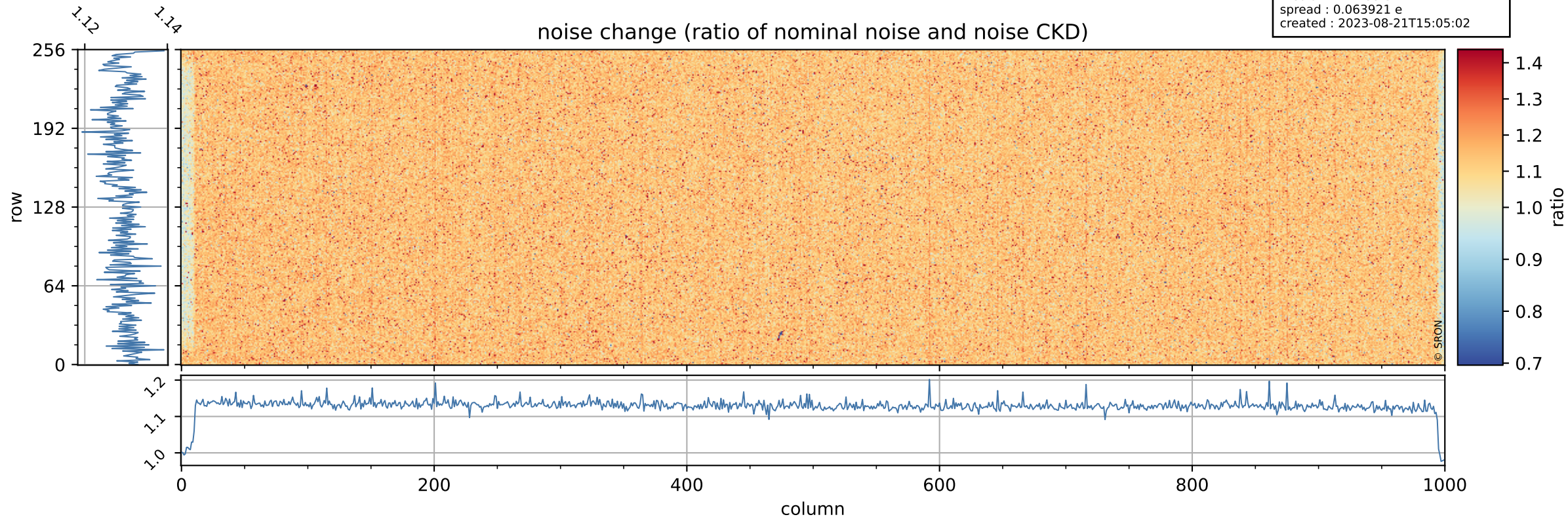
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
median : 1.0022 e
spread : 0.0087256 e
created : 2023-08-21T15:05:01



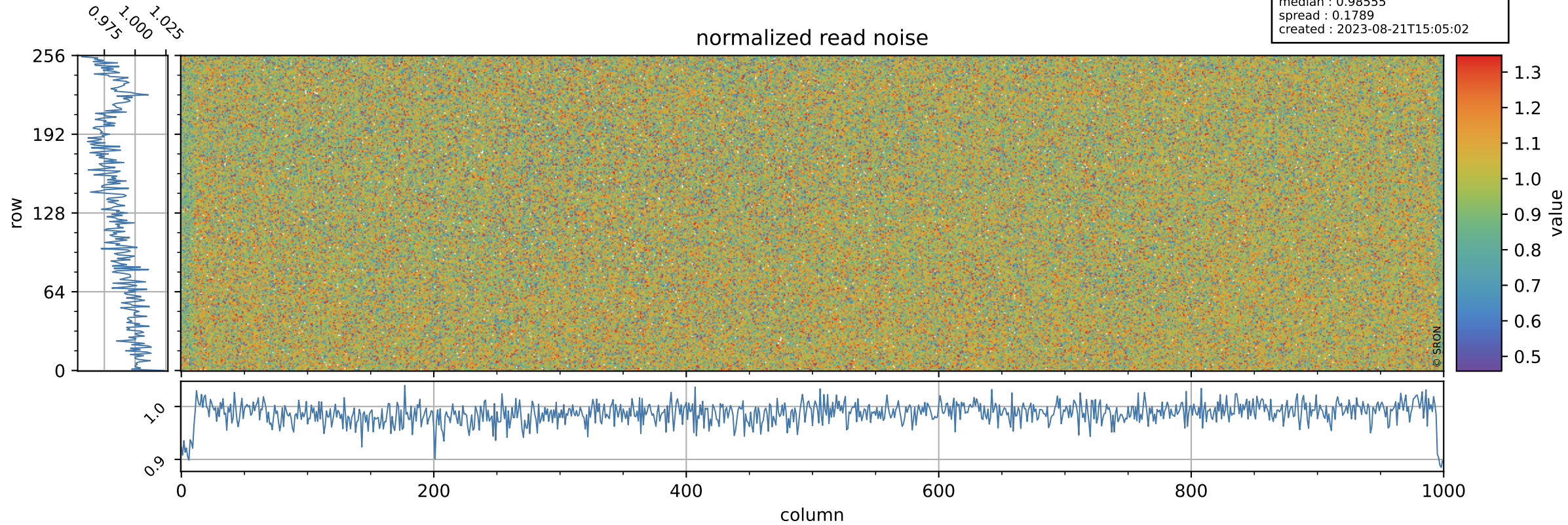
Tropomi SWIR background noise (swir)

orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
median : 1.1288 e
spread : 0.063921 e
created : 2023-08-21T15:05:02



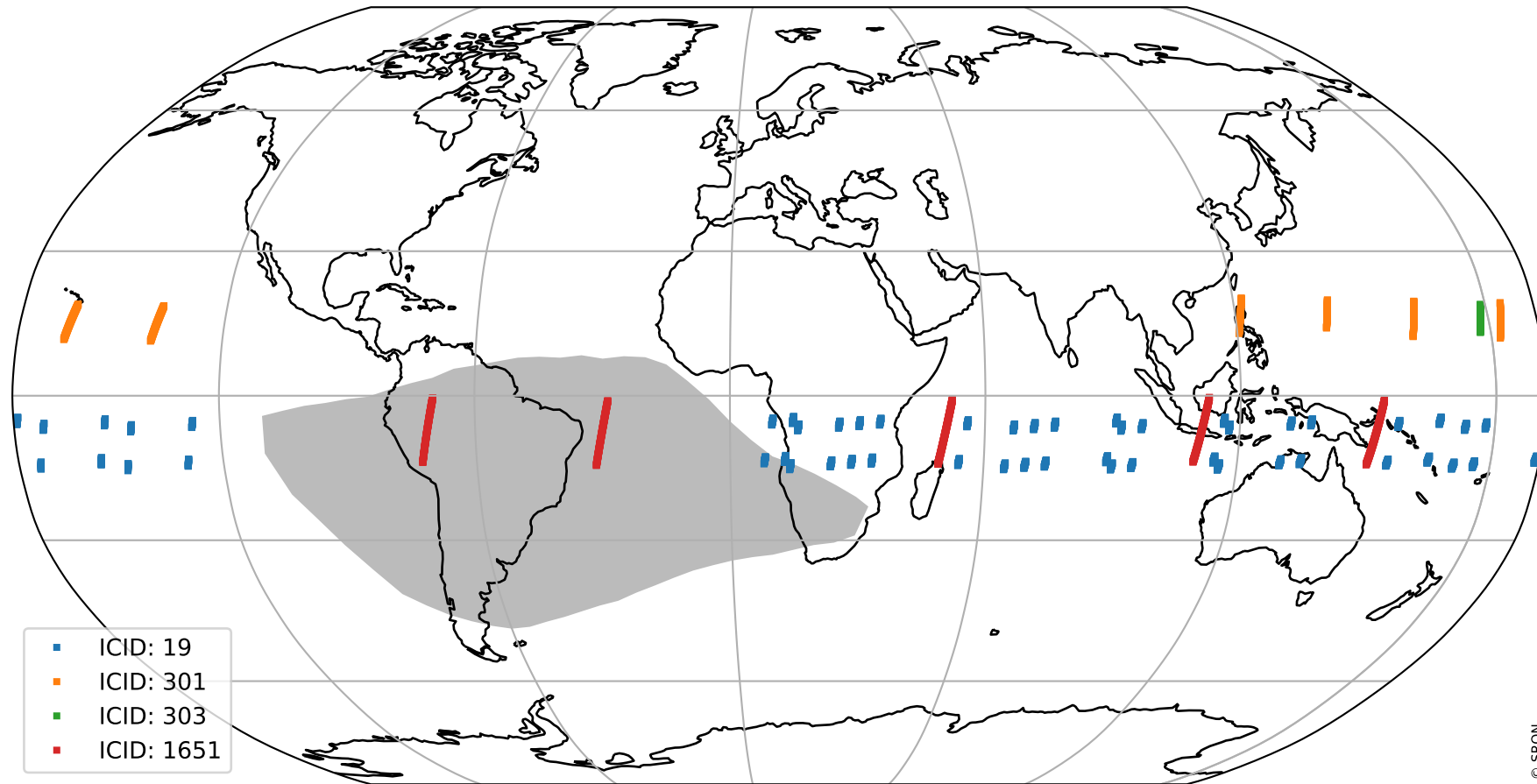
Tropomi SWIR background noise (swir)

orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
median : 0.98555
spread : 0.1789
created : 2023-08-21T15:05:02



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

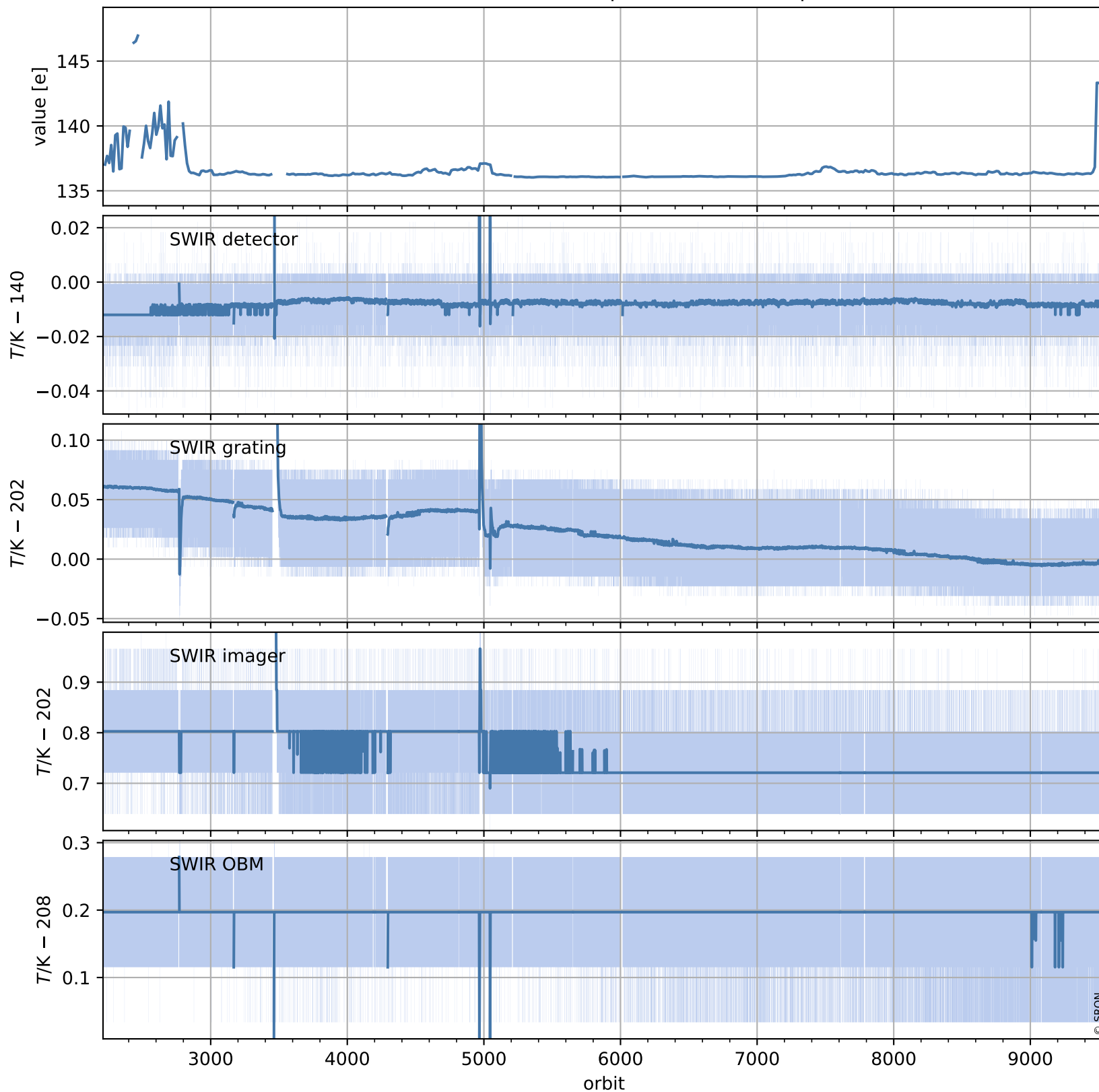
orbits : 12 in [9472, 9547]
coverage : 2019-08-11 / 2019-08-16
created : 2023-08-21T15:05:02



Tropomi SWIR background noise (swir)

orbits : [2212, 9547]
coverage : 2018-03-18 / 2019-08-16
created : 2023-08-21T15:05:03

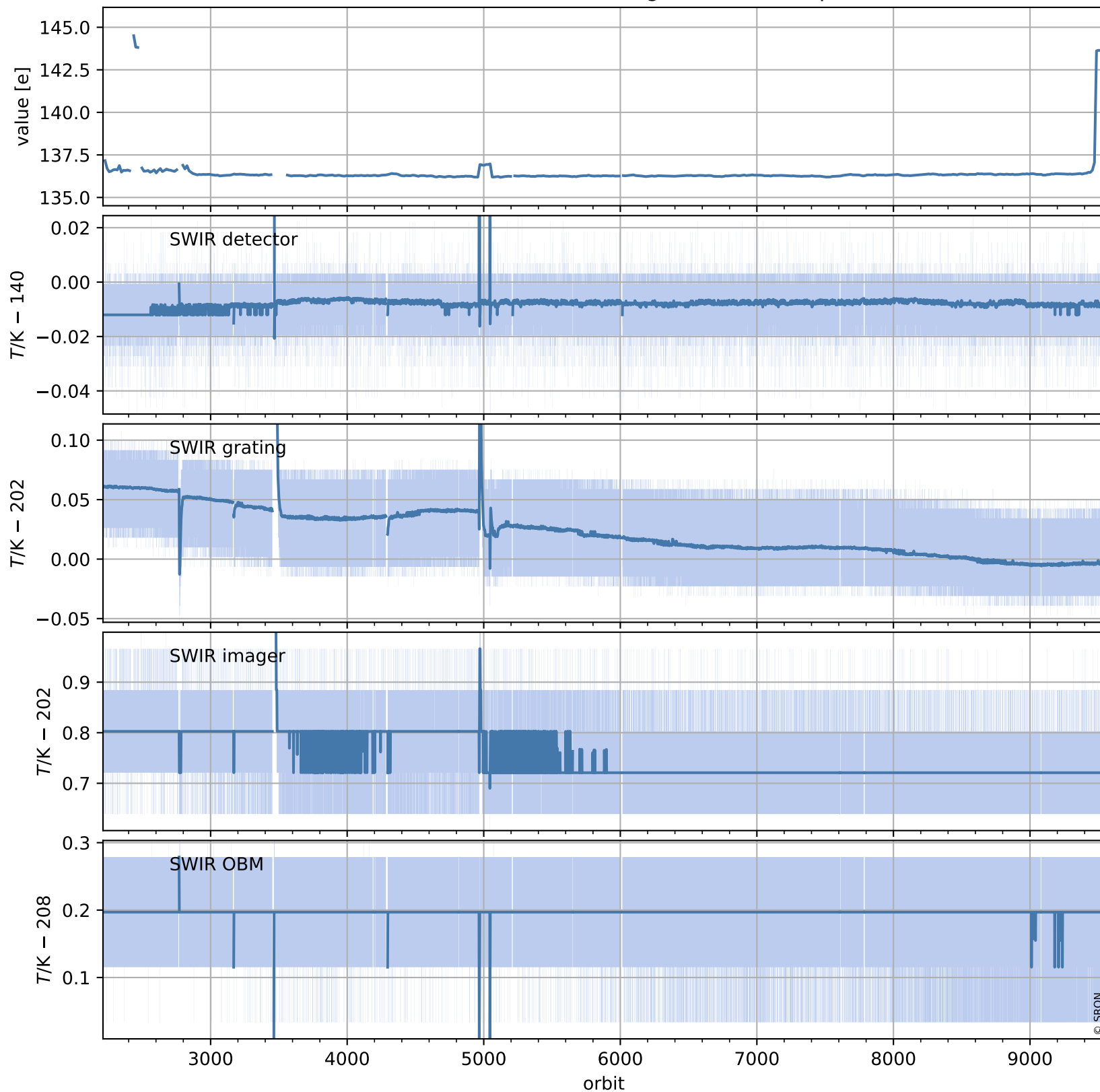
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9547]
coverage : 2018-03-18 / 2019-08-16
created : 2023-08-21T15:05:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9547]
coverage : 2018-03-18 / 2019-08-16
created : 2023-08-21T15:05:05

trend of normalized read-noise & temperatures

