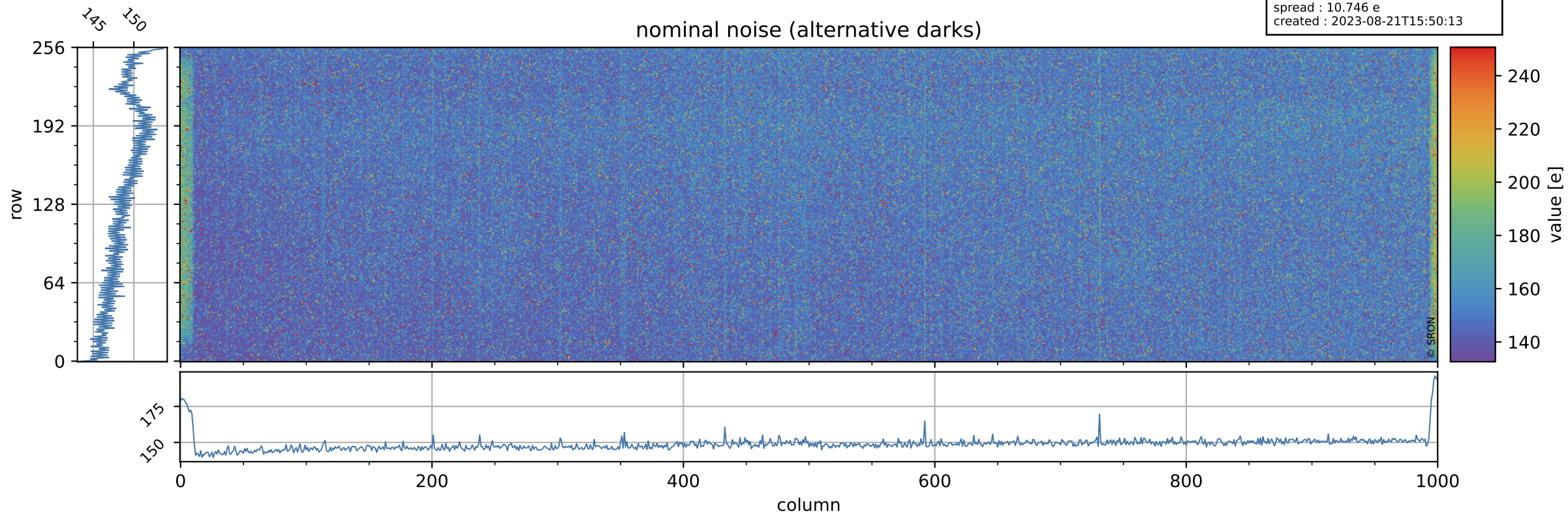


Tropomi SWIR background noise (swir)

orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.746 e
created : 2023-08-21T15:50:13

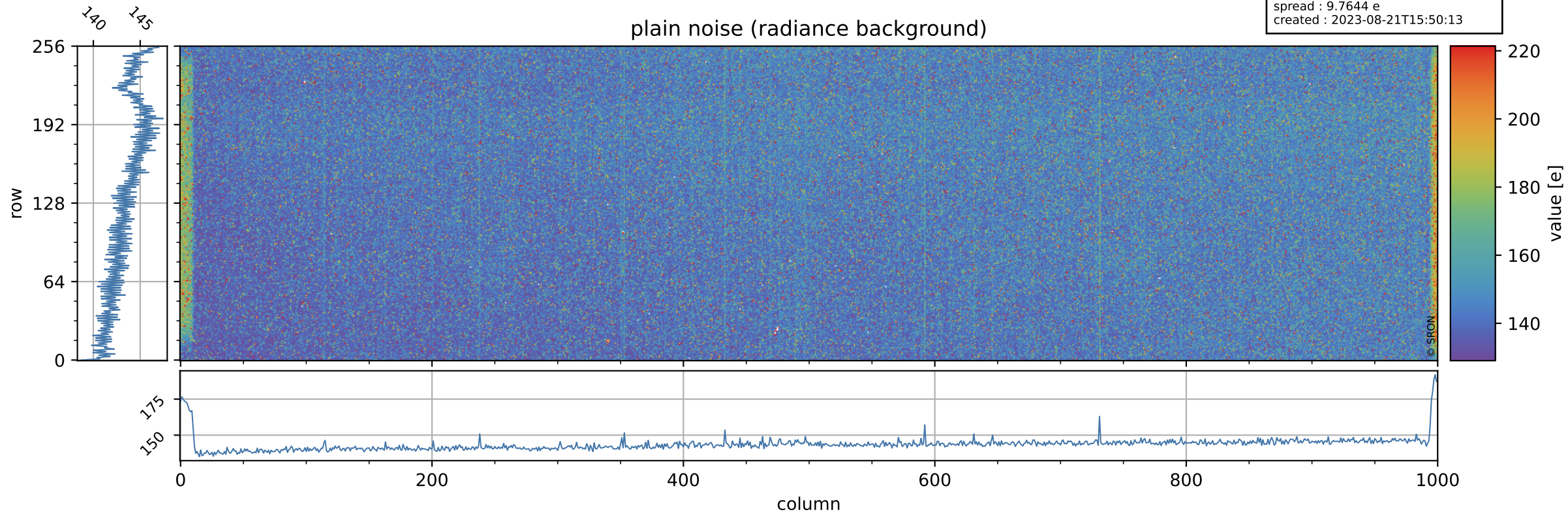
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7644 e
created : 2023-08-21T15:50:13

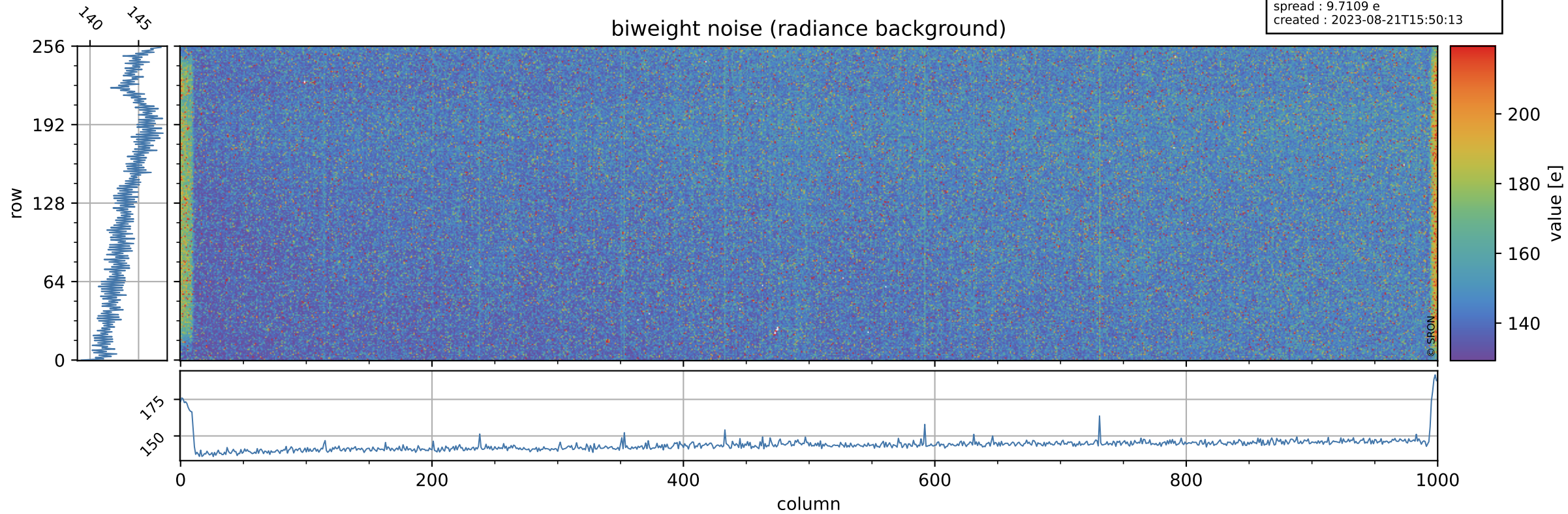
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7109 e
created : 2023-08-21T15:50:13

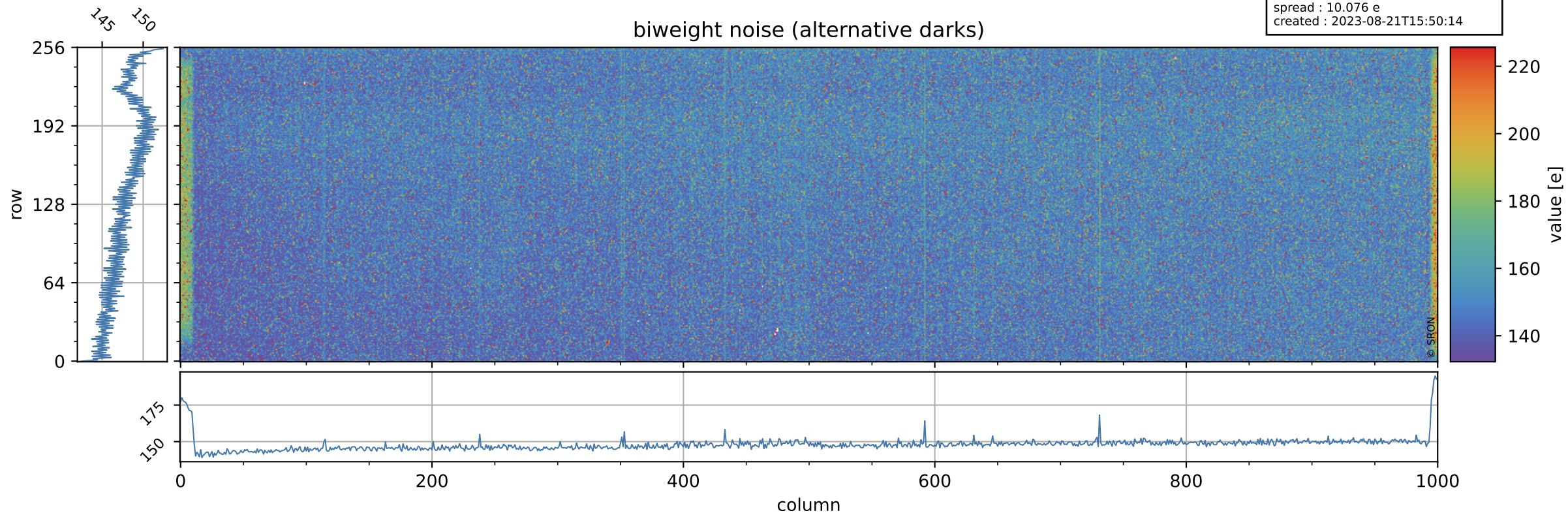
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.076 e
created : 2023-08-21T15:50:14

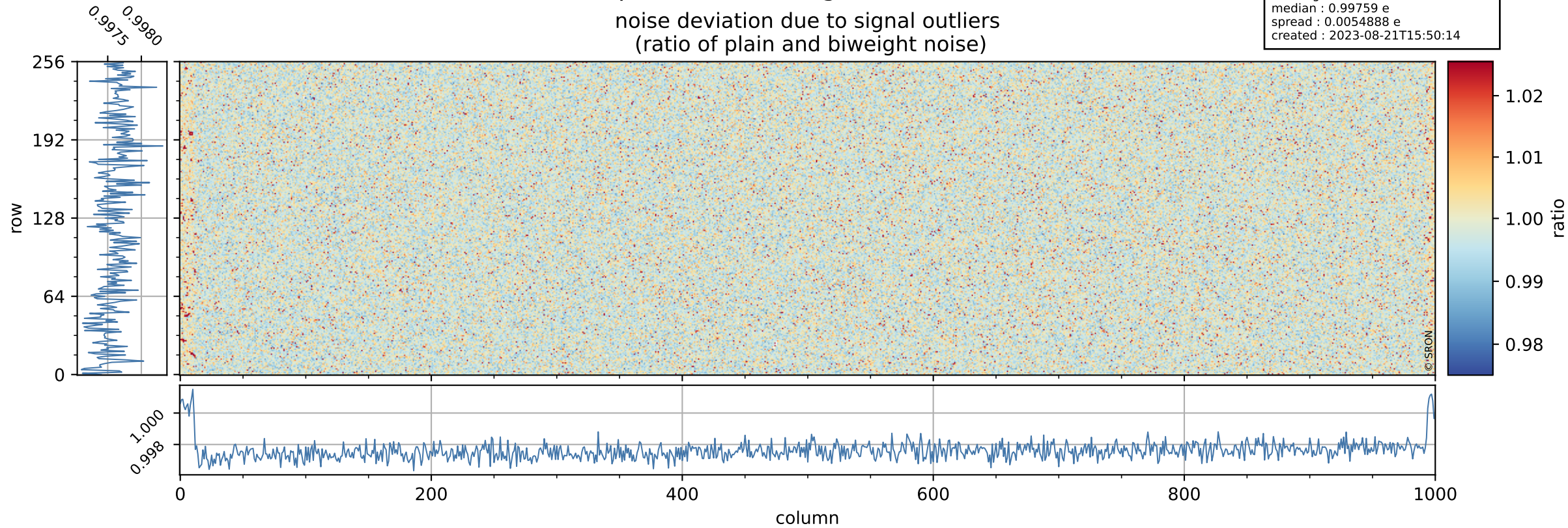
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

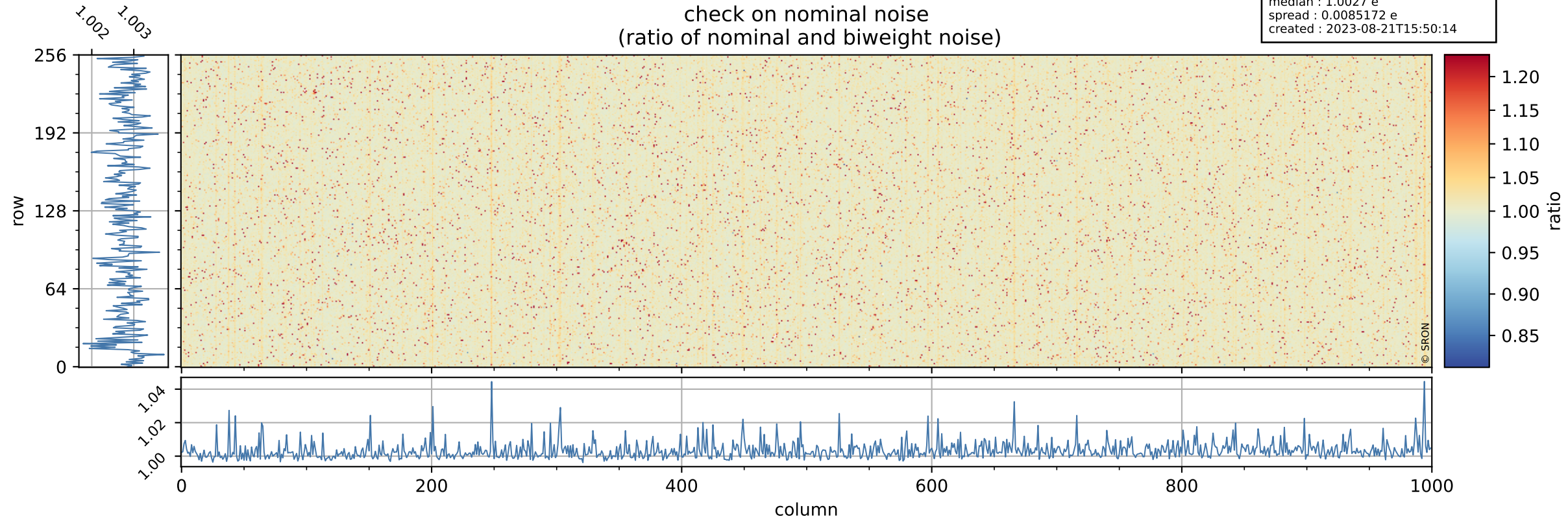
orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
median : 0.99759 e
spread : 0.0054888 e
created : 2023-08-21T15:50:14



Tropomi SWIR background noise (swir)

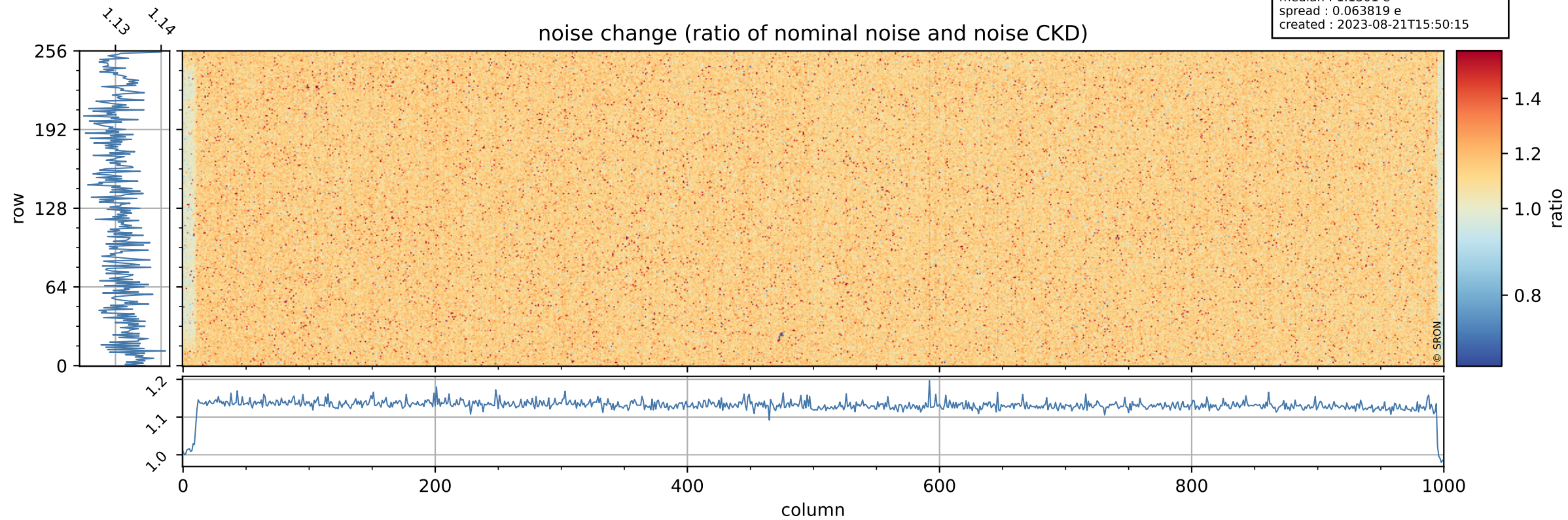
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
median : 1.0027 e
spread : 0.0085172 e
created : 2023-08-21T15:50:14



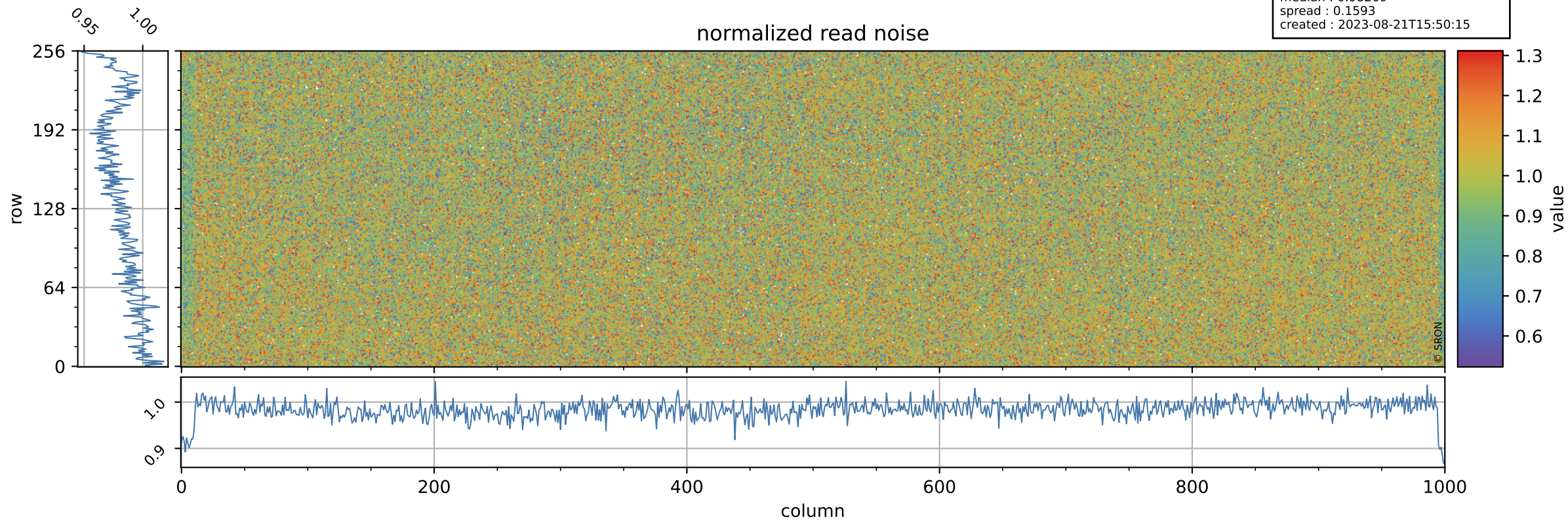
Tropomi SWIR background noise (swir)

orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
median : 1.1301 e
spread : 0.063819 e
created : 2023-08-21T15:50:15



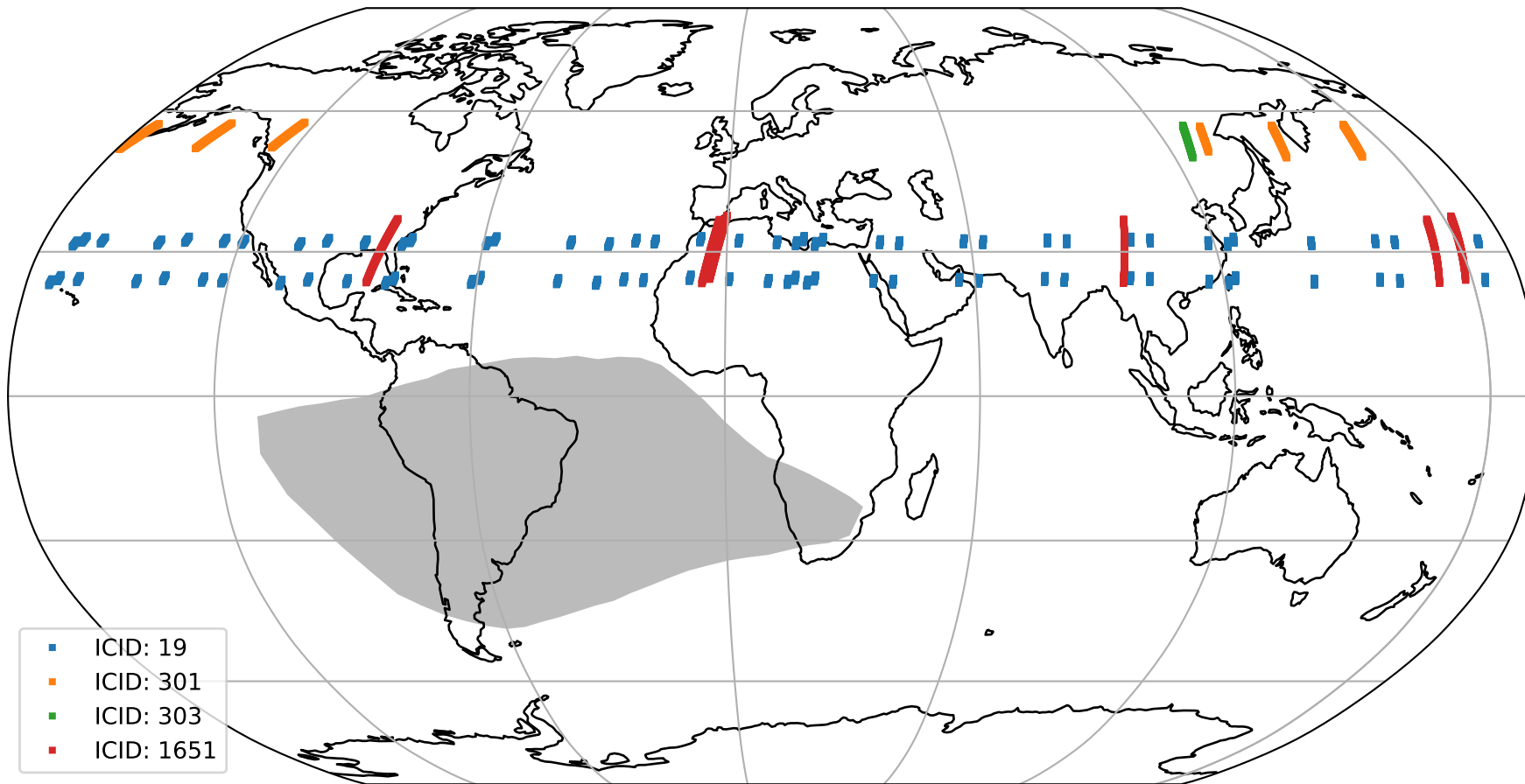
Tropomi SWIR background noise (swir)

orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
median : 0.98269
spread : 0.1593
created : 2023-08-21T15:50:15



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

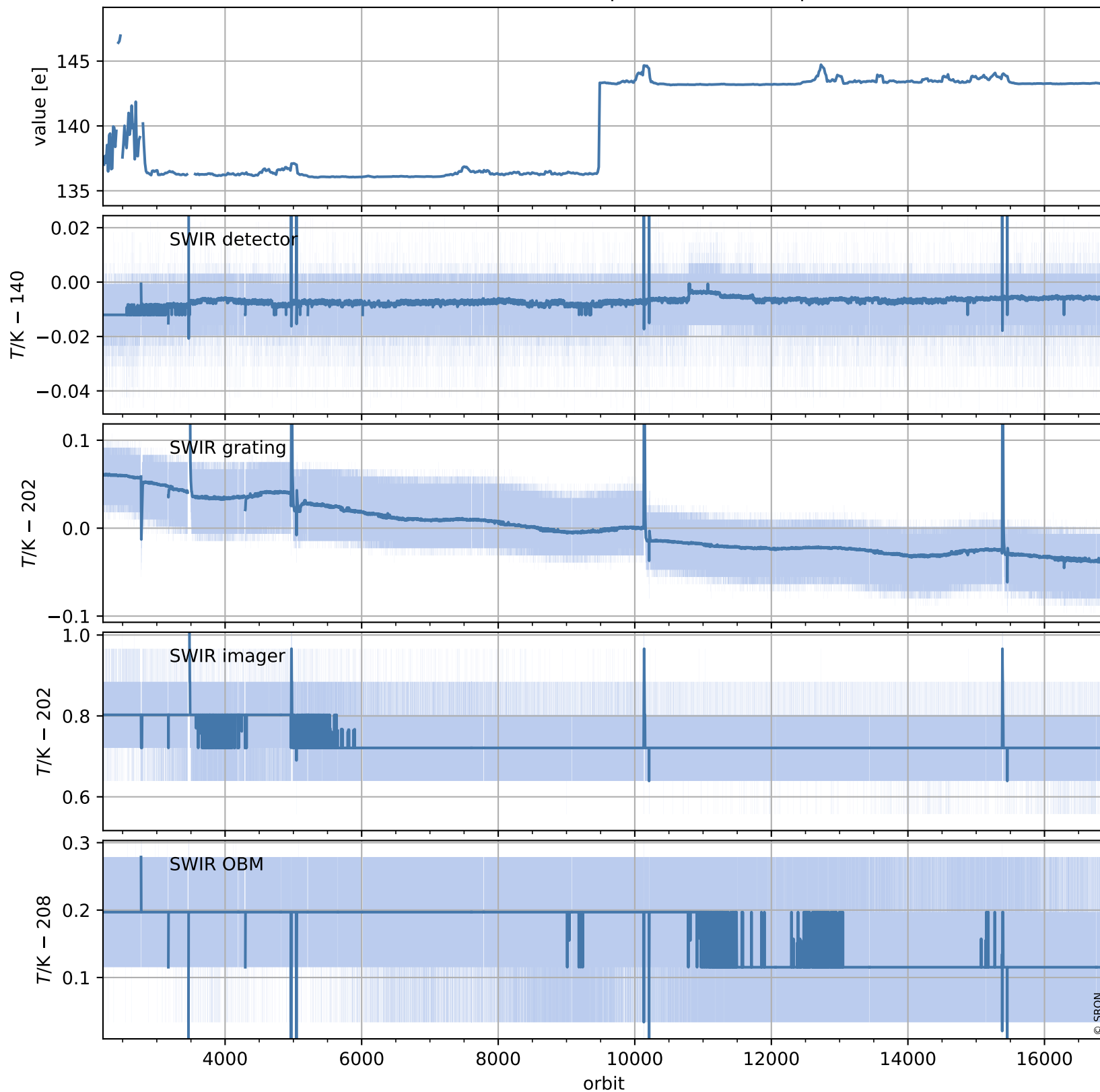
orbits : 13 in [16792, 16882]
coverage : 2021-01-09 / 2021-01-15
created : 2023-08-21T15:50:15



Tropomi SWIR background noise (swir)

orbits : [2212, 16882]
coverage : 2018-03-18 / 2021-01-15
created : 2023-08-21T15:50:15

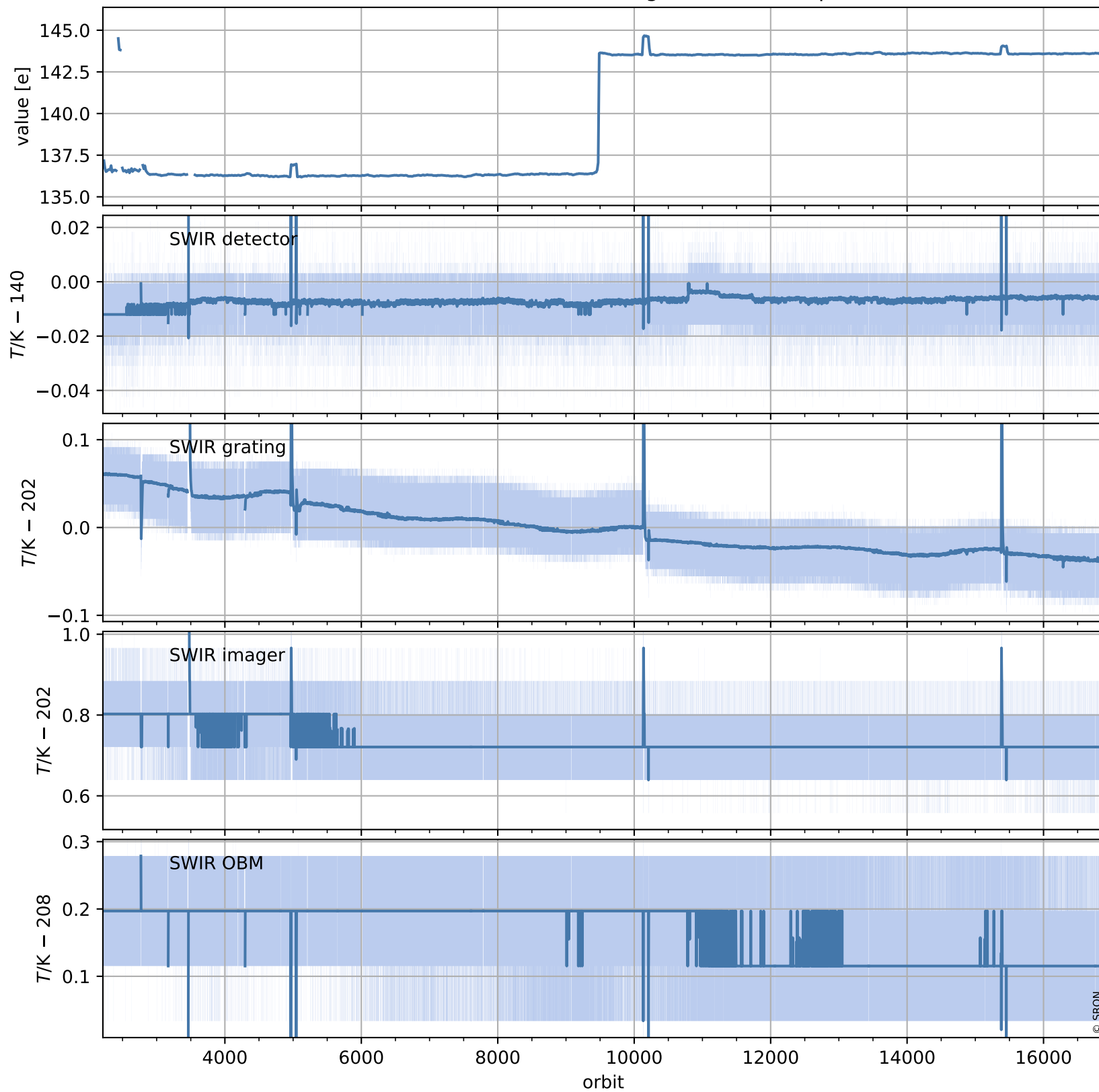
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16882]
coverage : 2018-03-18 / 2021-01-15
created : 2023-08-21T15:50:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16882]
coverage : 2018-03-18 / 2021-01-15
created : 2023-08-21T15:50:17

trend of normalized read-noise & temperatures

