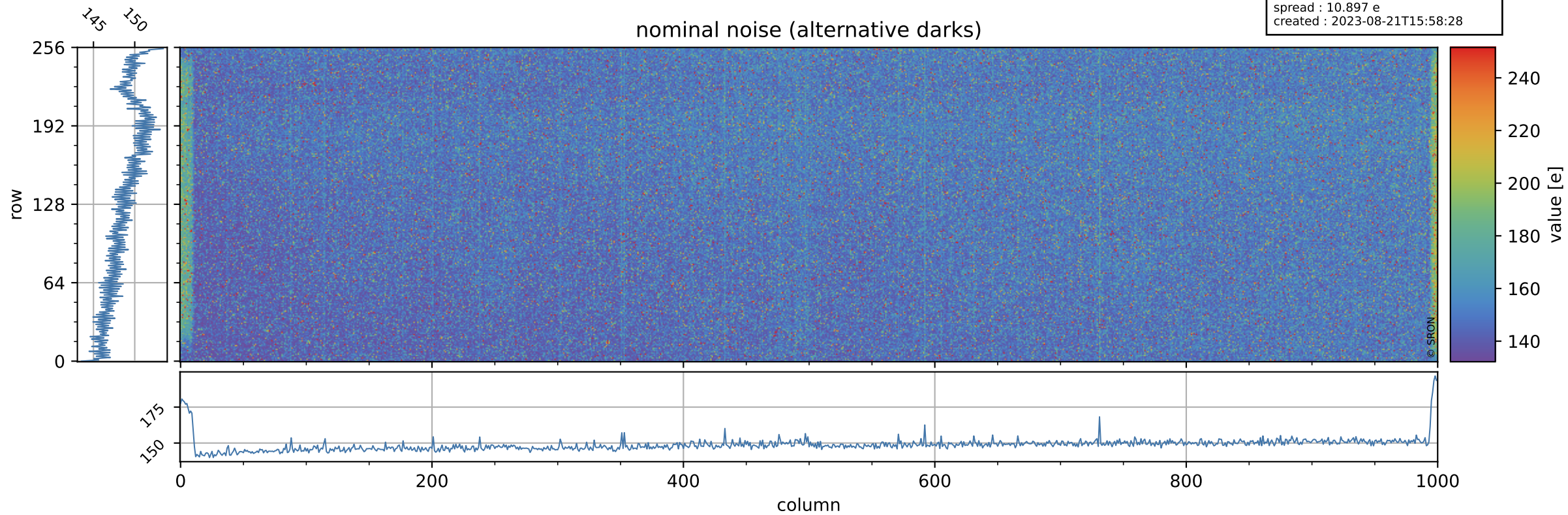


Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.897 e
created : 2023-08-21T15:58:28

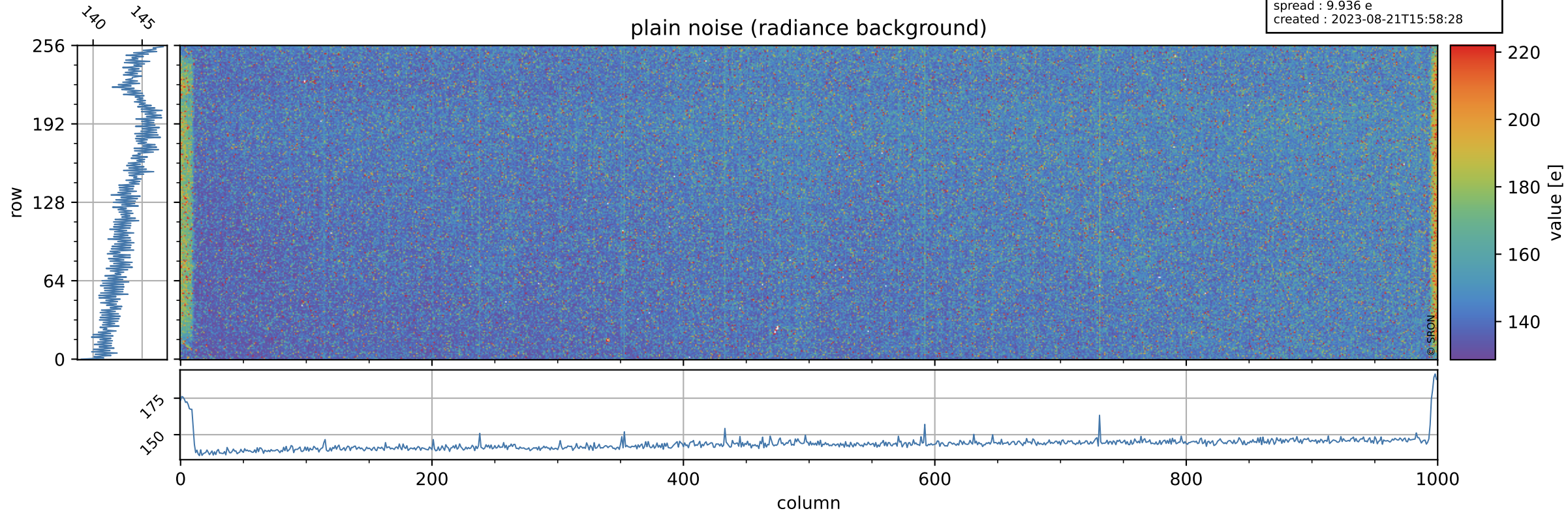
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.936 e
created : 2023-08-21T15:58:28

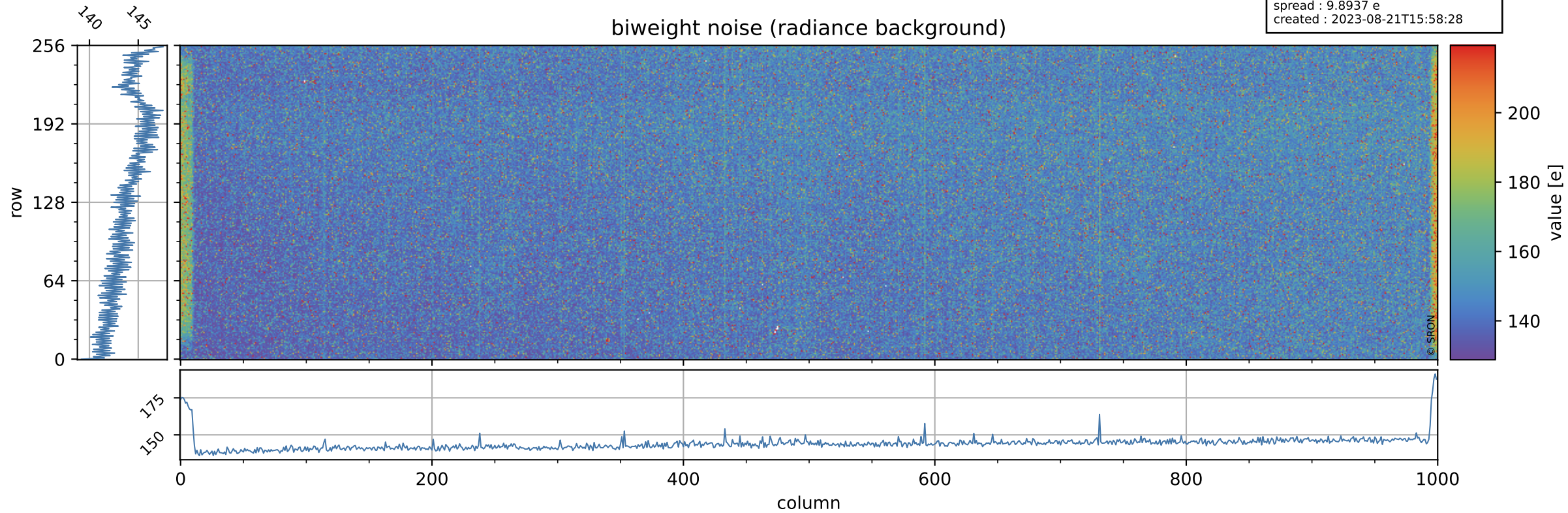
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8937 e
created : 2023-08-21T15:58:28

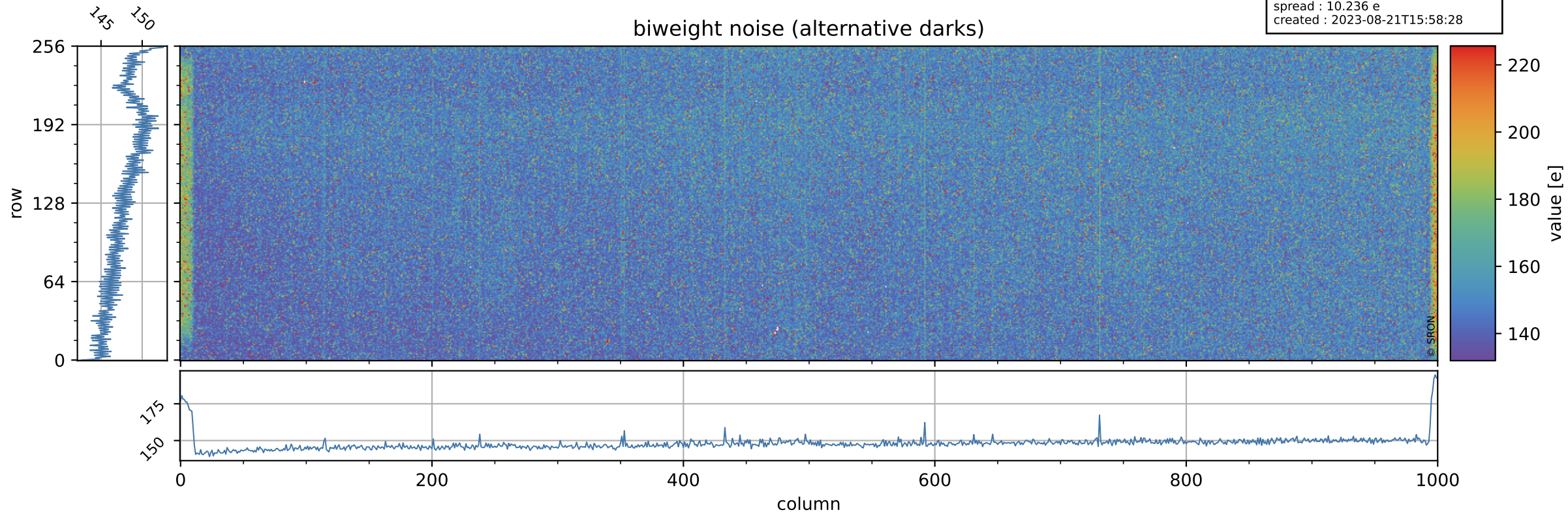
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.236 e
created : 2023-08-21T15:58:28

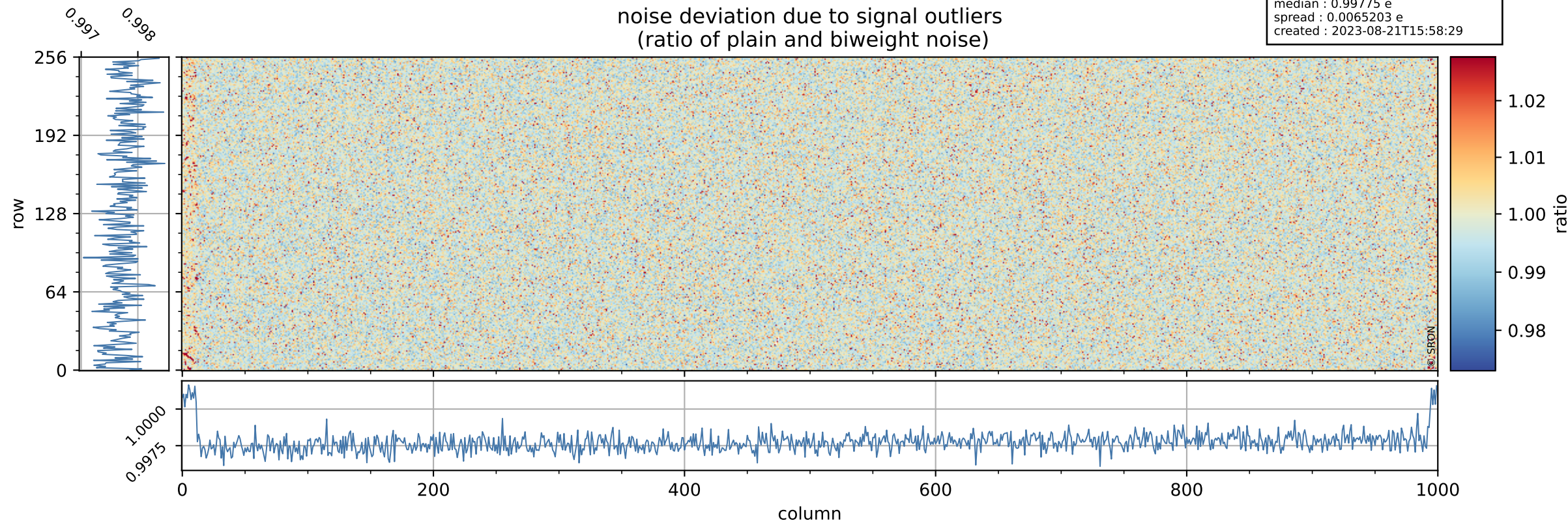
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

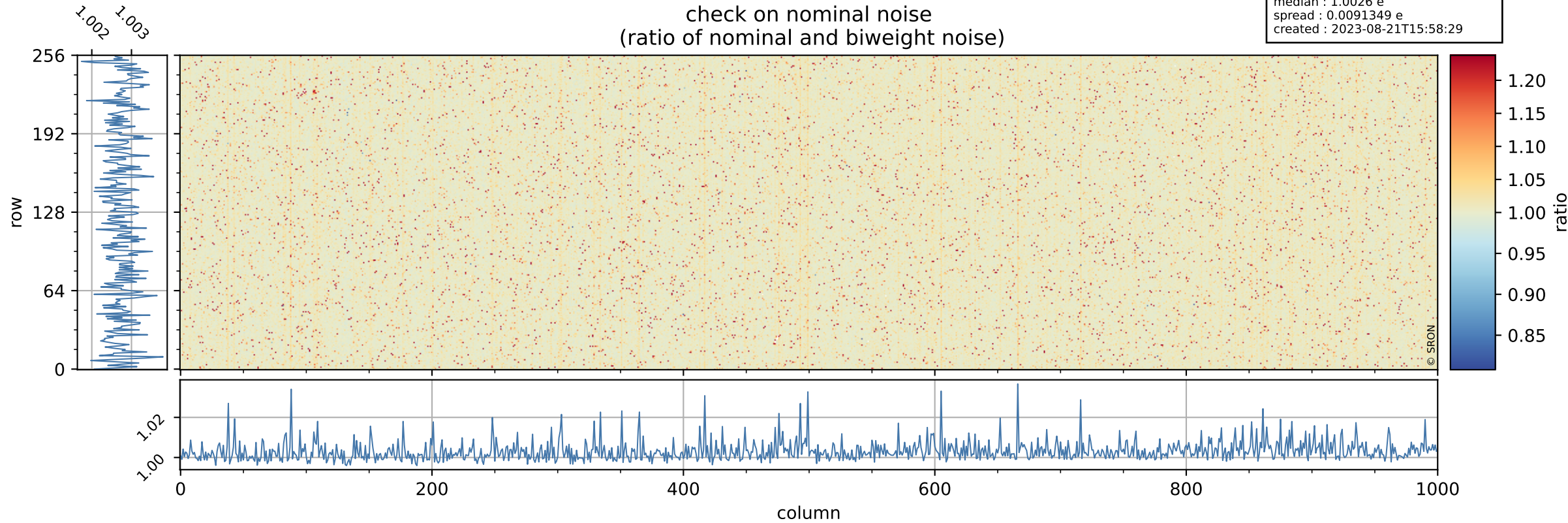
orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
median : 0.99775 e
spread : 0.0065203 e
created : 2023-08-21T15:58:29



Tropomi SWIR background noise (swir)

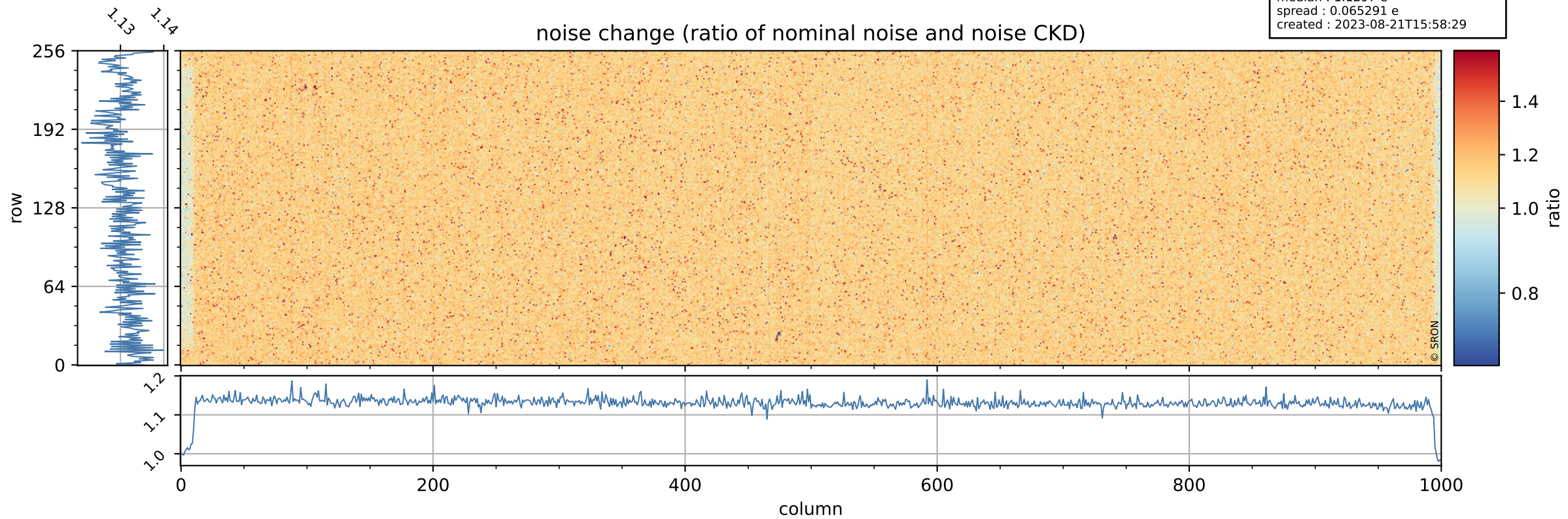
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
median : 1.0026 e
spread : 0.0091349 e
created : 2023-08-21T15:58:29



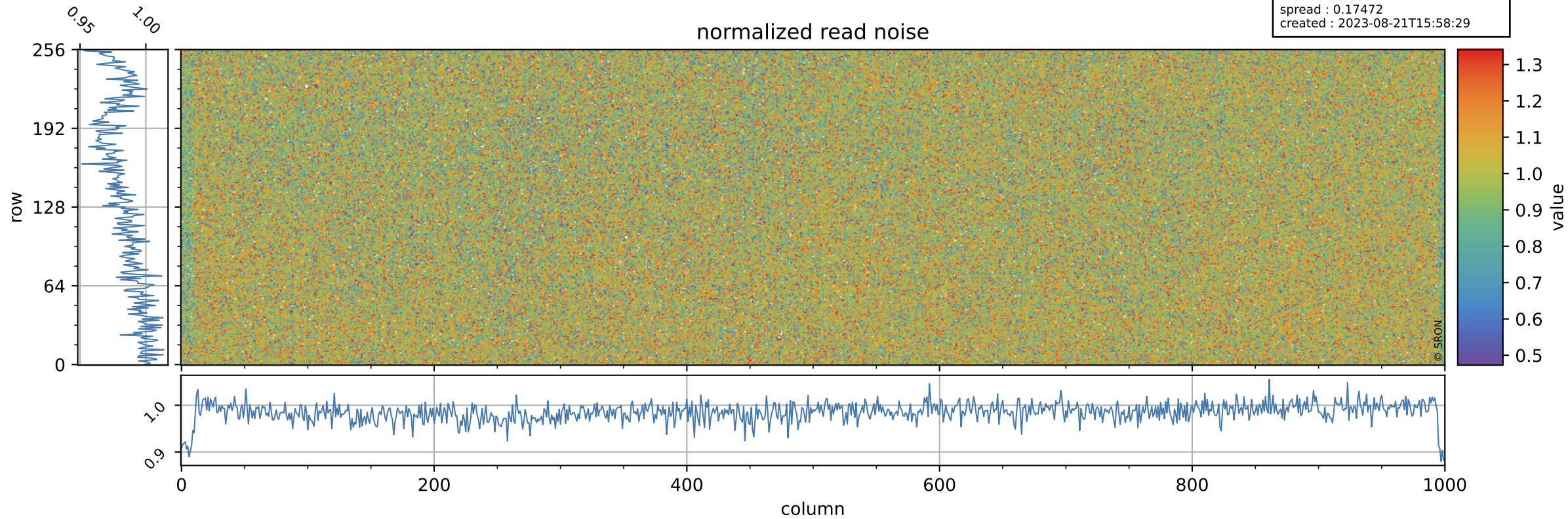
Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
median : 1.1297 e
spread : 0.065291 e
created : 2023-08-21T15:58:29



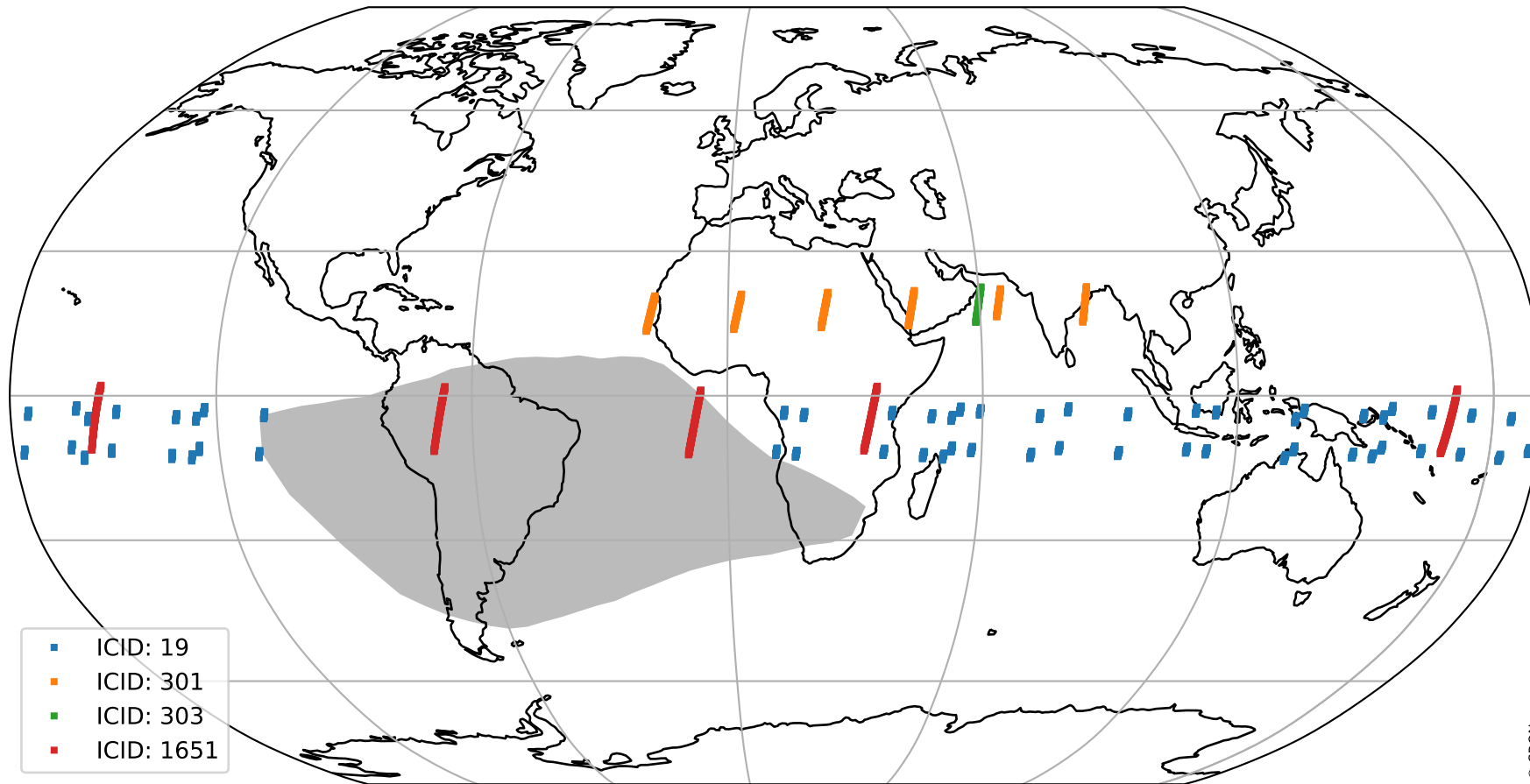
Tropomi SWIR background noise (swir)

orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
median : 0.98341
spread : 0.17472
created : 2023-08-21T15:58:29



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

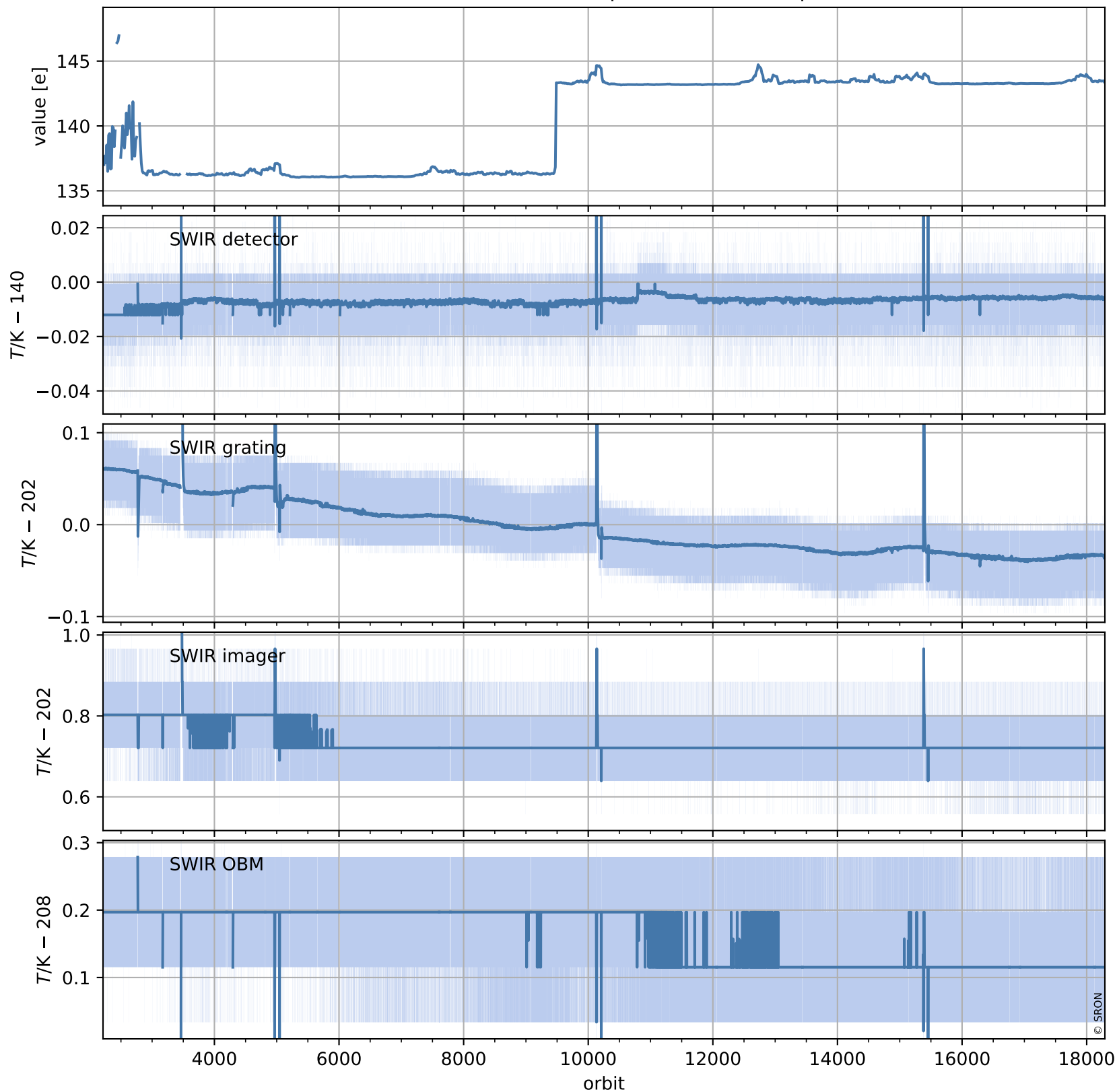
orbits : 12 in [18217, 18292]
coverage : 2021-04-18 / 2021-04-24
created : 2023-08-21T15:58:30



Tropomi SWIR background noise (swir)

orbits : [2212, 18292]
coverage : 2018-03-18 / 2021-04-24
created : 2023-08-21T15:58:30

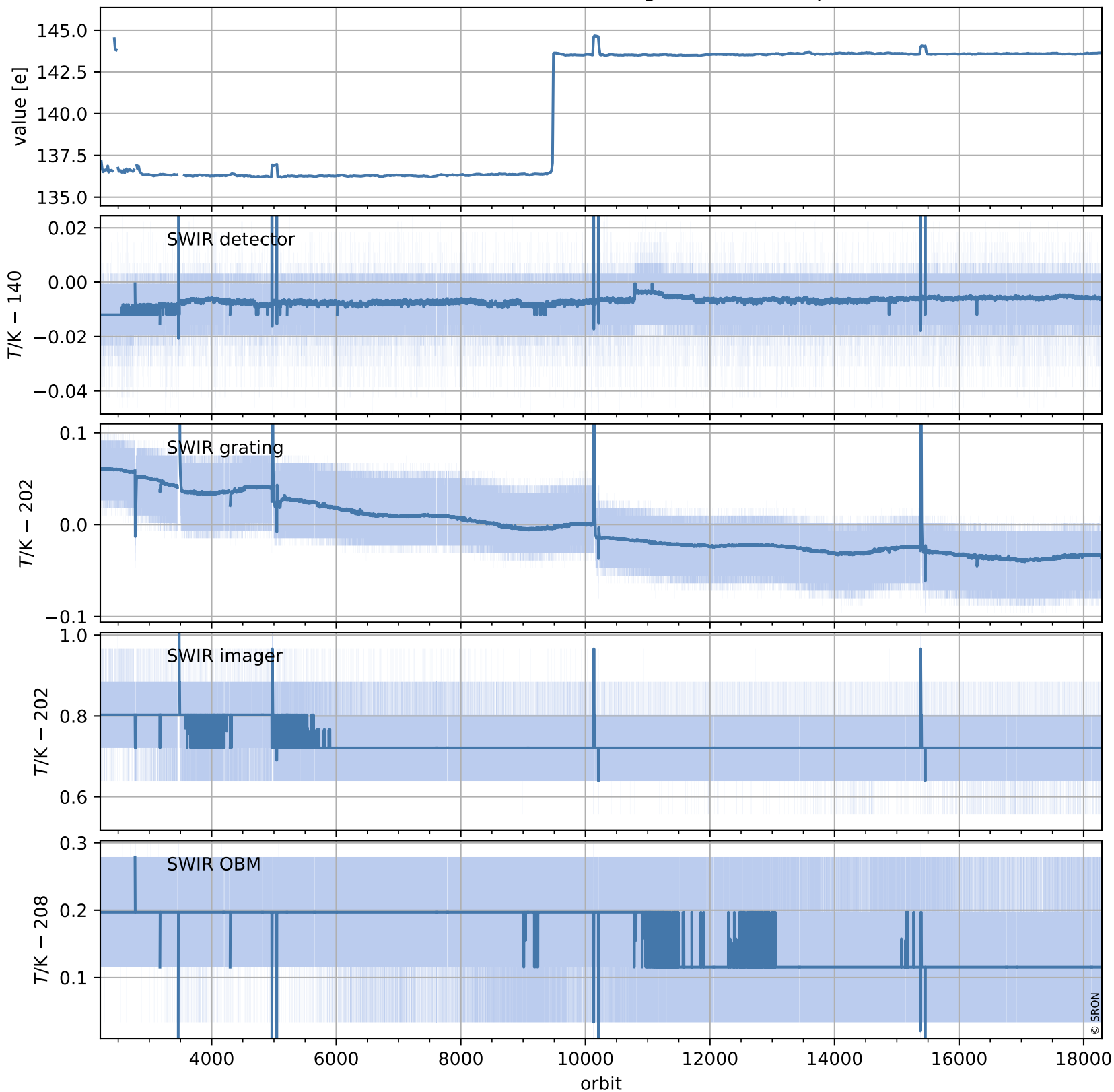
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18292]
coverage : 2018-03-18 / 2021-04-24
created : 2023-08-21T15:58:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18292]
coverage : 2018-03-18 / 2021-04-24
created : 2023-08-21T15:58:32

trend of normalized read-noise & temperatures

