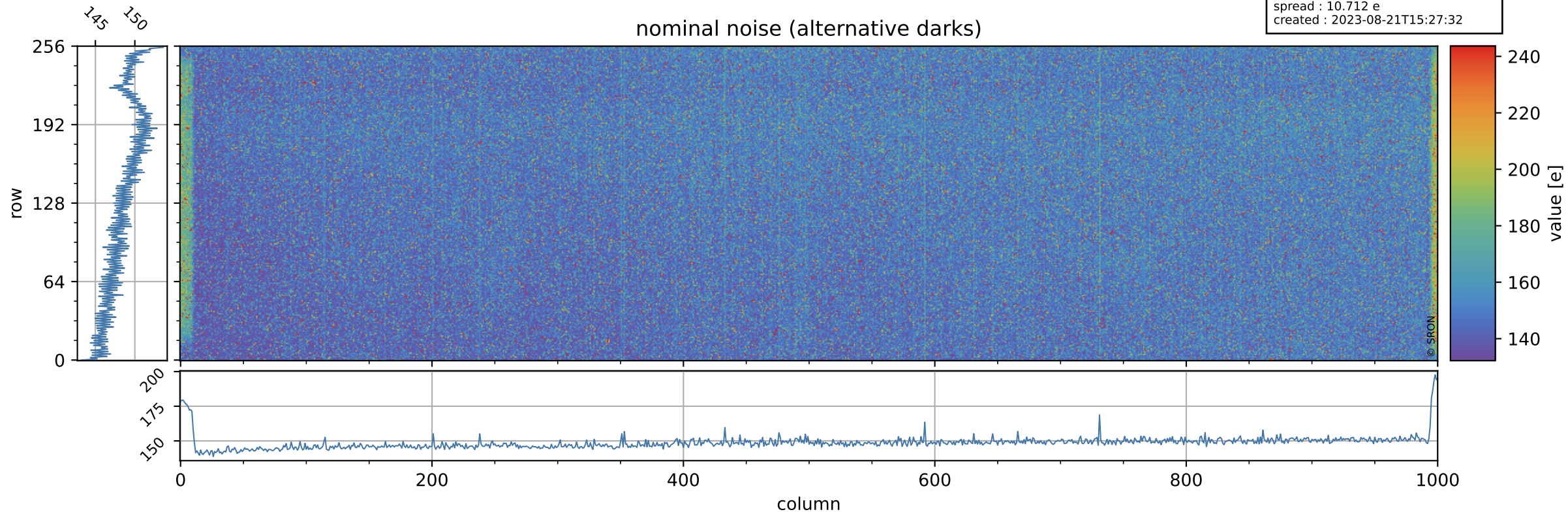


Tropomi SWIR background noise (swir)

orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.712 e
created : 2023-08-21T15:27:32

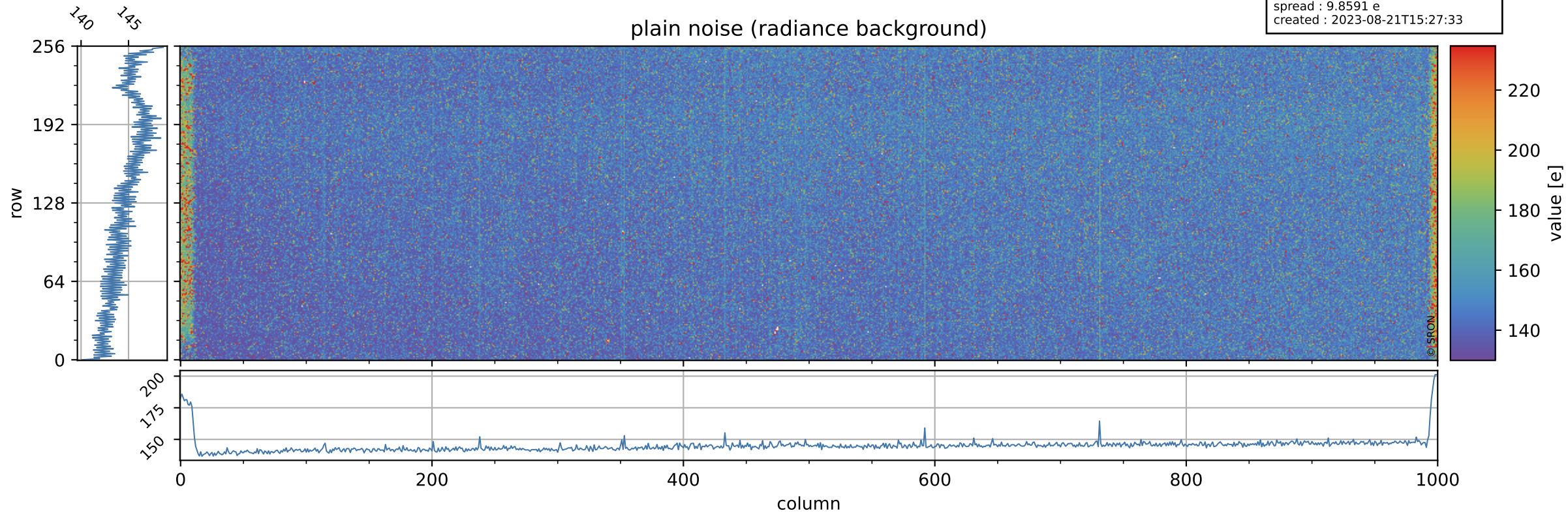
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
n_coad, t_exp : 1, 0.8383
median : 144.57 e
spread : 9.8591 e
created : 2023-08-21T15:27:33

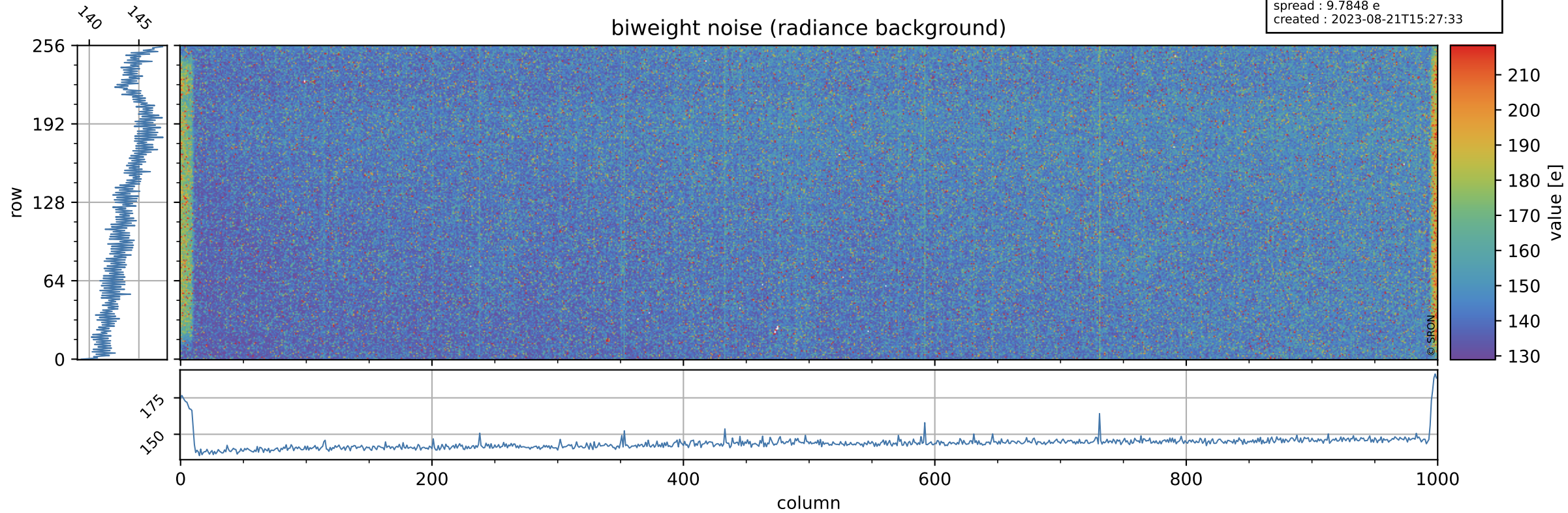
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.7848 e
created : 2023-08-21T15:27:33

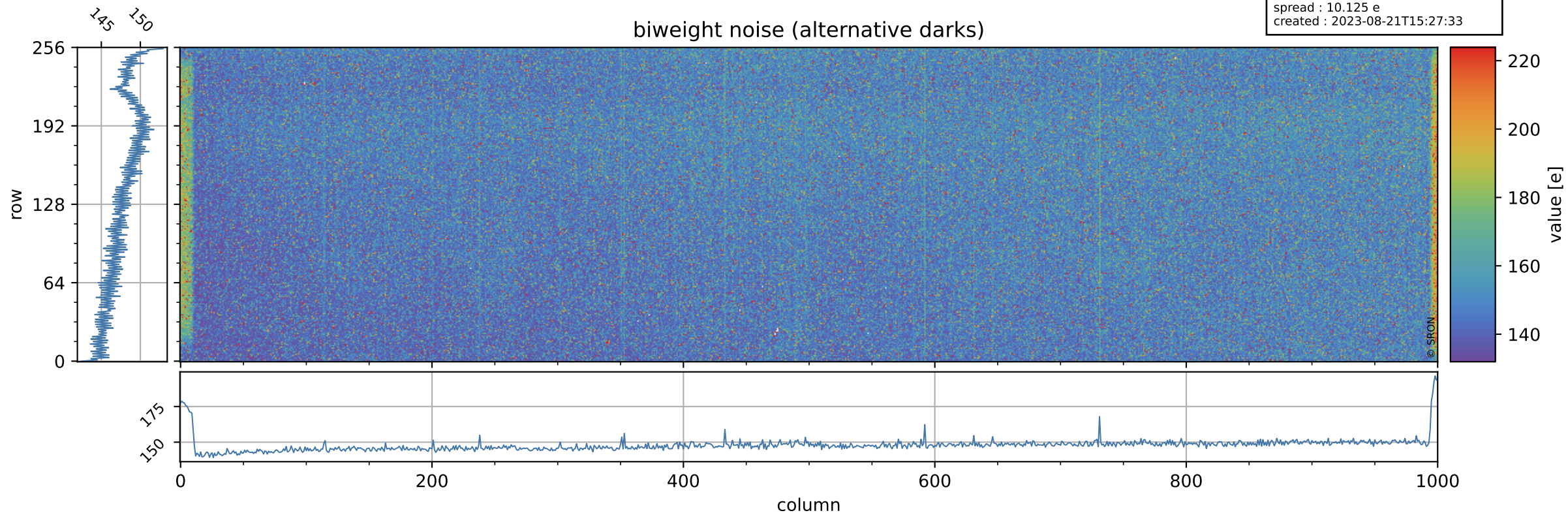
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.125 e
created : 2023-08-21T15:27:33

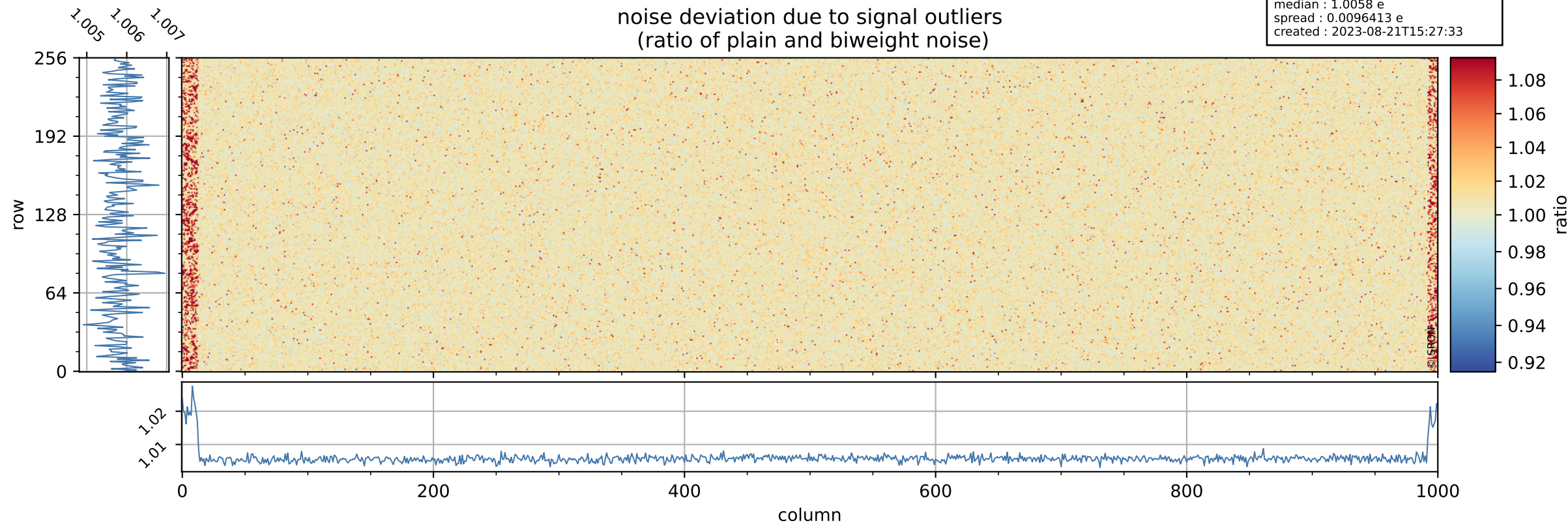
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

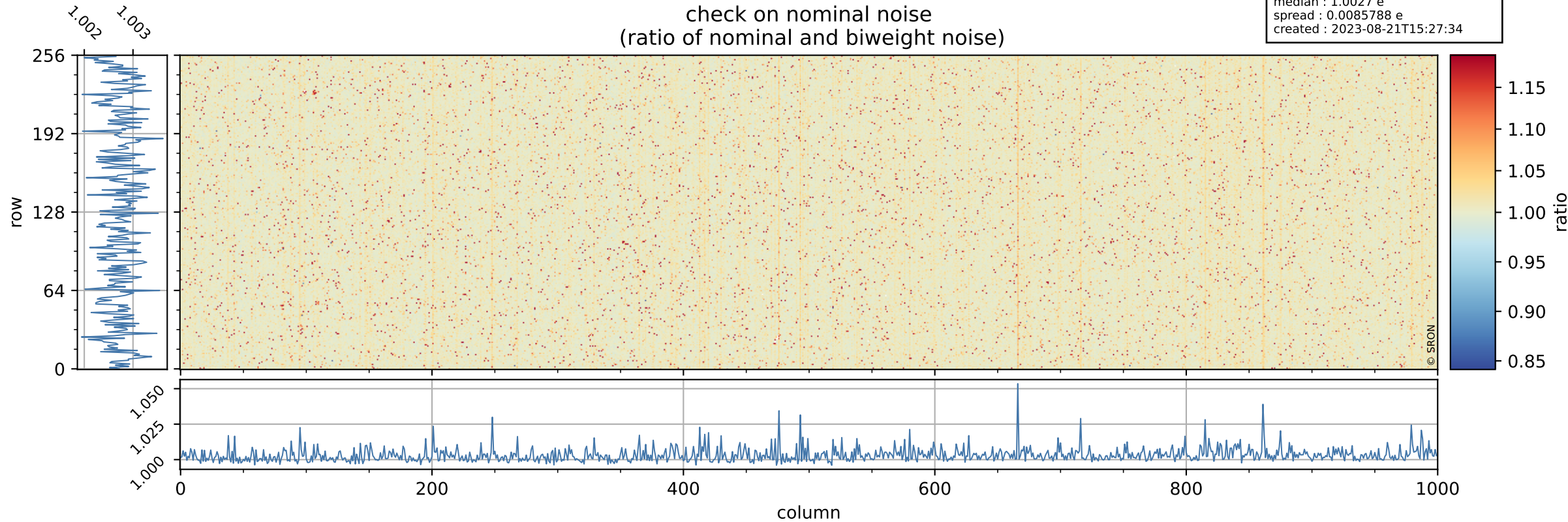
orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
median : 1.0058 e
spread : 0.0096413 e
created : 2023-08-21T15:27:33



Tropomi SWIR background noise (swir)

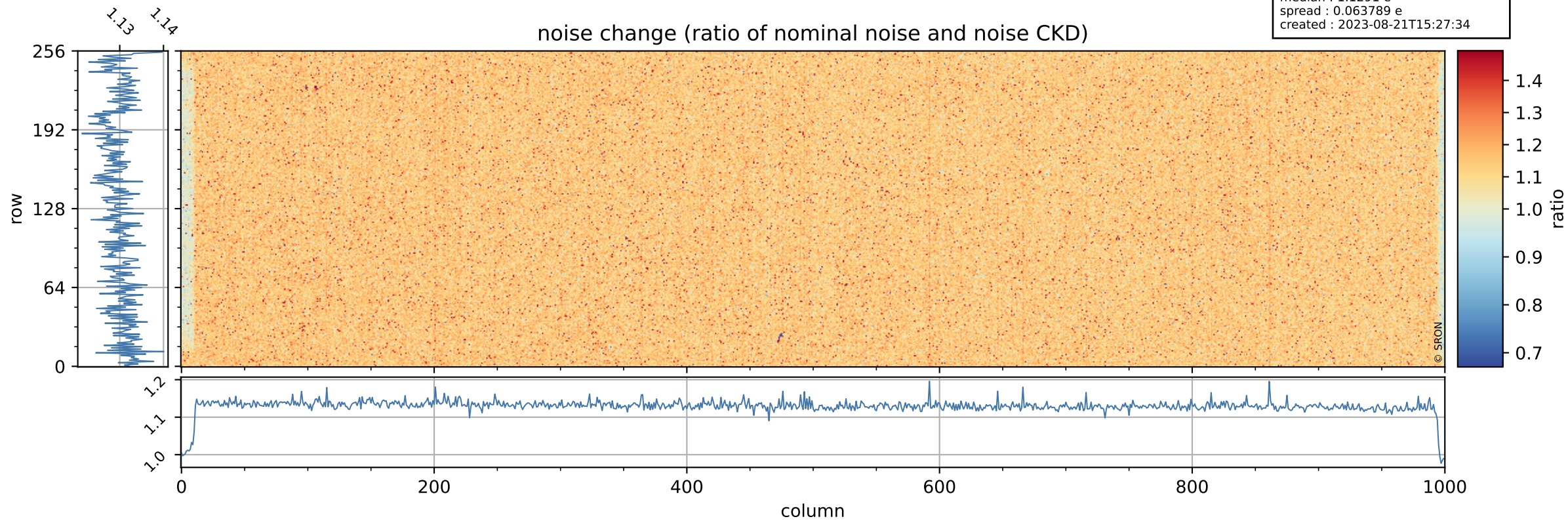
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
median : 1.0027 e
spread : 0.0085788 e
created : 2023-08-21T15:27:34



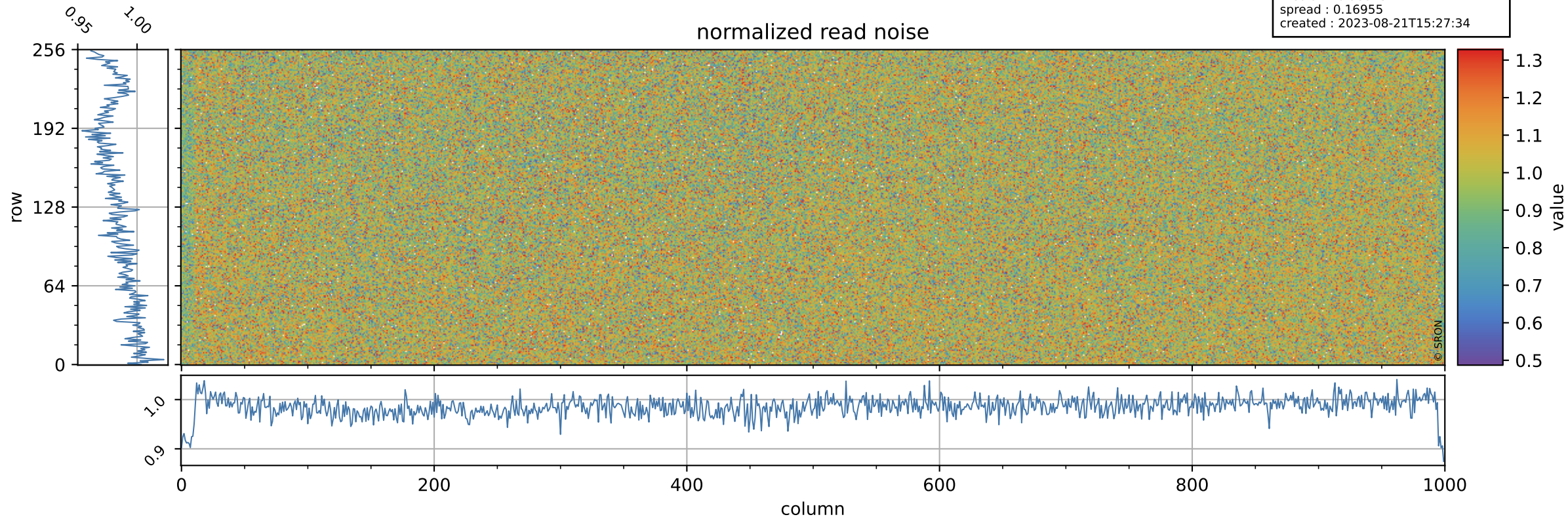
Tropomi SWIR background noise (swir)

orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
median : 1.1291 e
spread : 0.063789 e
created : 2023-08-21T15:27:34



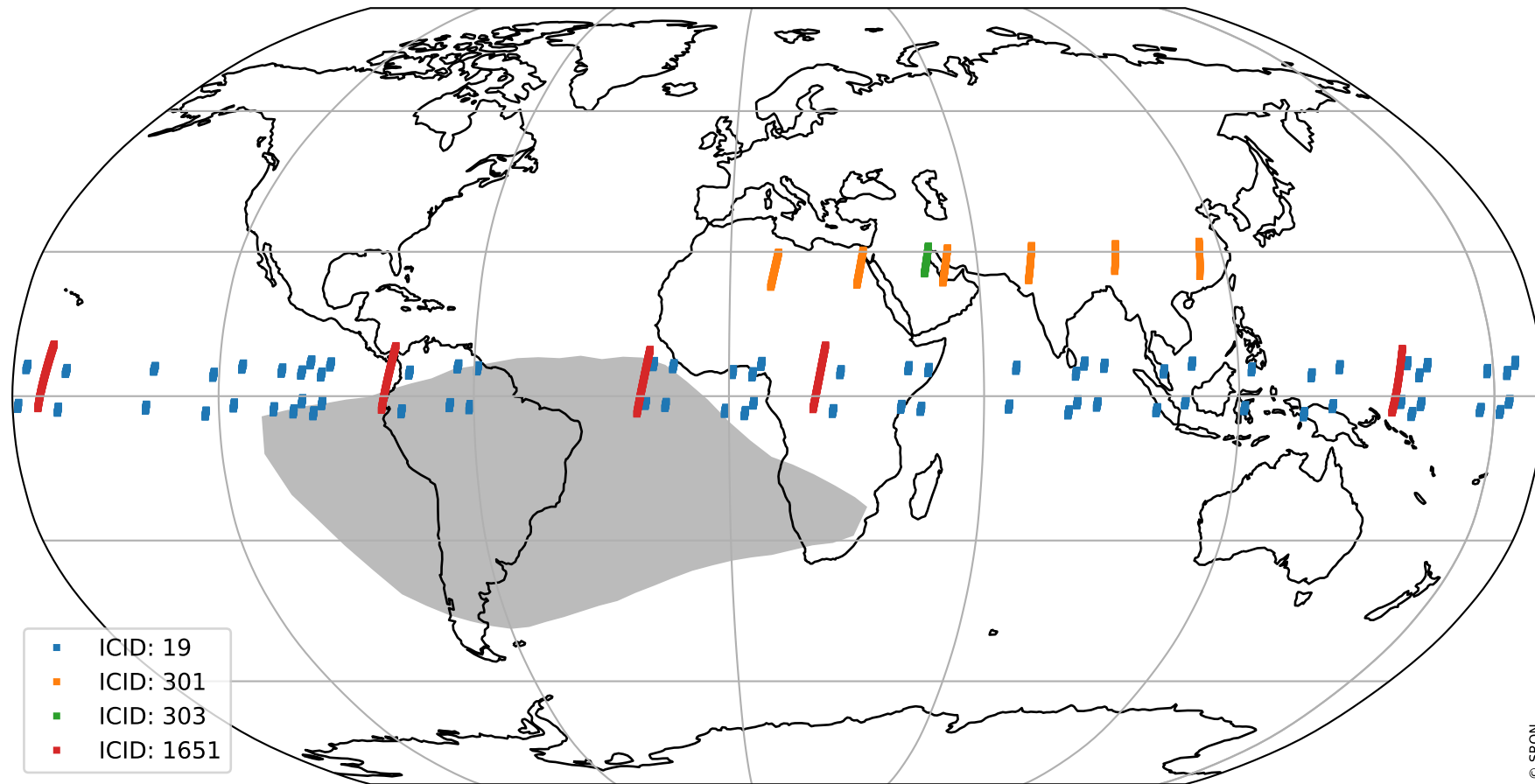
Tropomi SWIR background noise (swir)

orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
median : 0.98375
spread : 0.16955
created : 2023-08-21T15:27:34



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

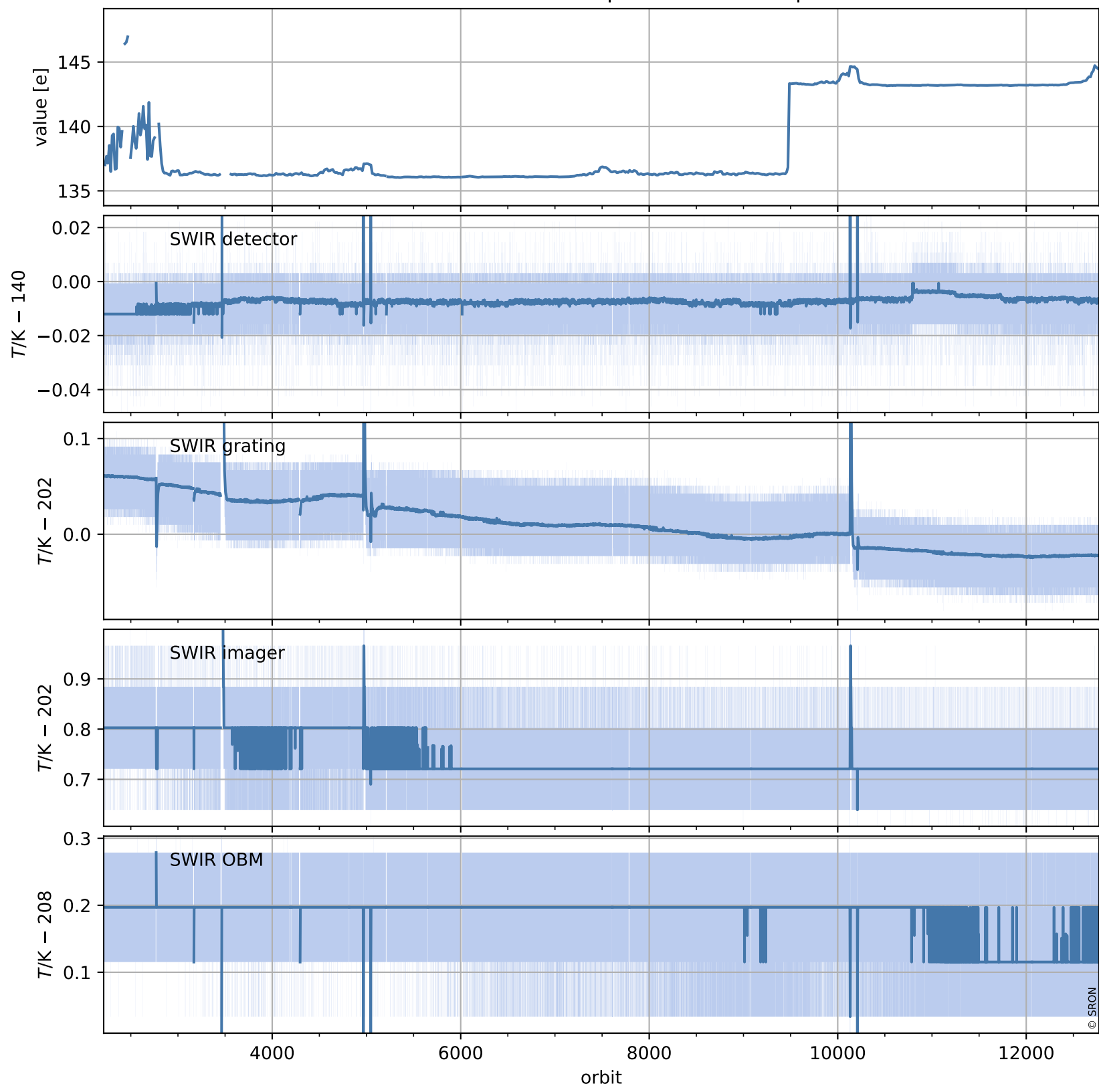
orbits : 12 in [12682, 12772]
coverage : 2020-03-25 / 2020-03-31
created : 2023-08-21T15:27:35



Tropomi SWIR background noise (swir)

orbits : [2212, 12772]
coverage : 2018-03-18 / 2020-03-31
created : 2023-08-21T15:27:35

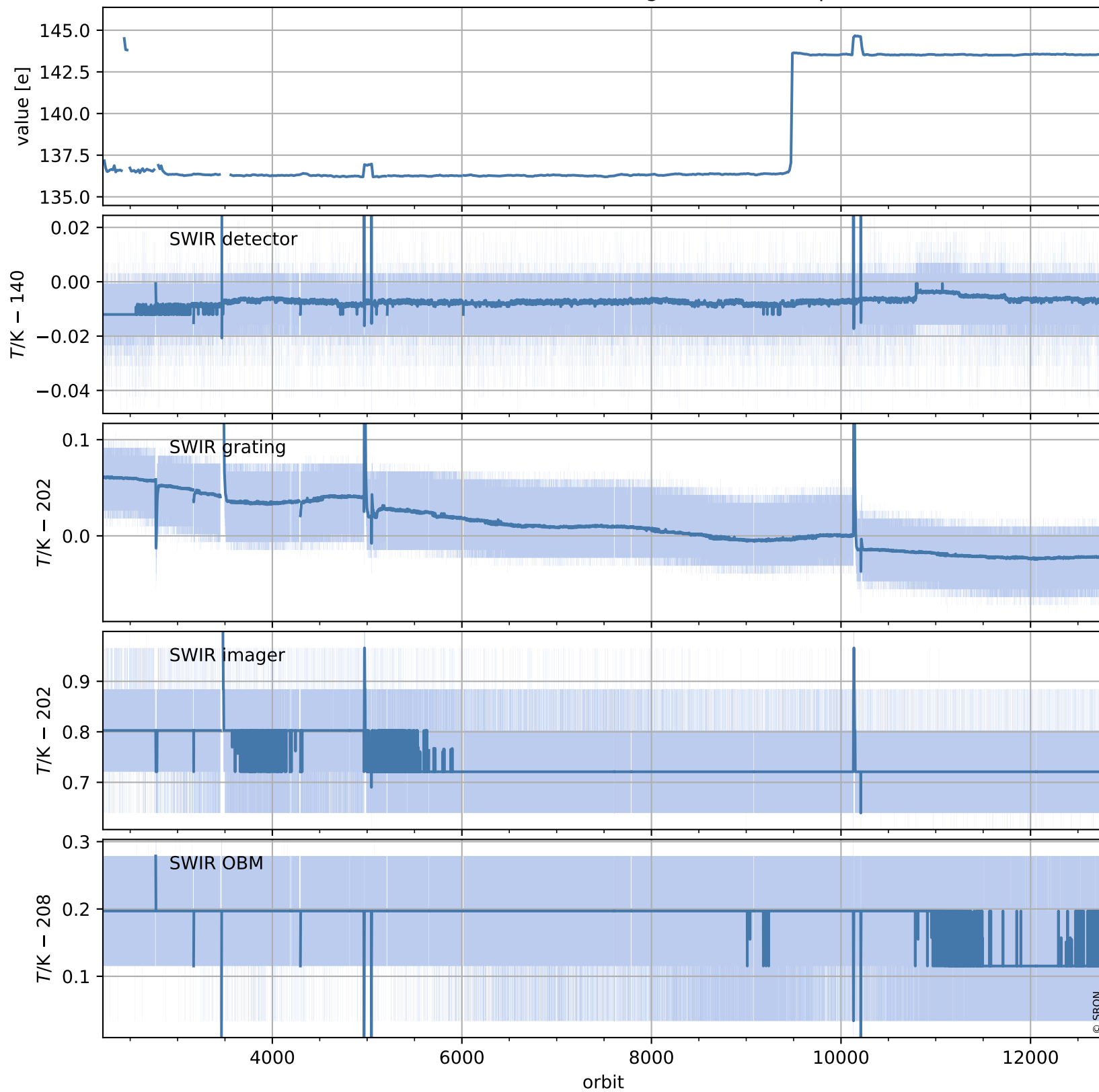
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12772]
coverage : 2018-03-18 / 2020-03-31
created : 2023-08-21T15:27:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12772]
coverage : 2018-03-18 / 2020-03-31
created : 2023-08-21T15:27:36

trend of normalized read-noise & temperatures

