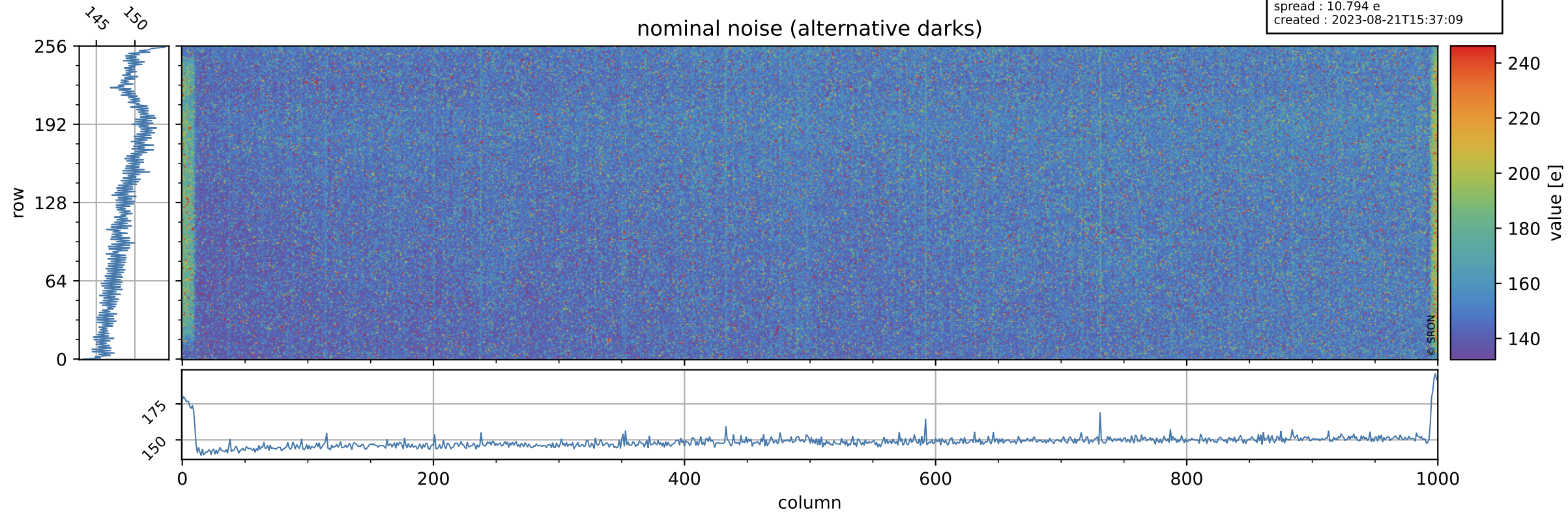


Tropomi SWIR background noise (swir)

orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
n_coad, t_exp : 1, 1.0783
median : 148.59 e
spread : 10.794 e
created : 2023-08-21T15:37:09

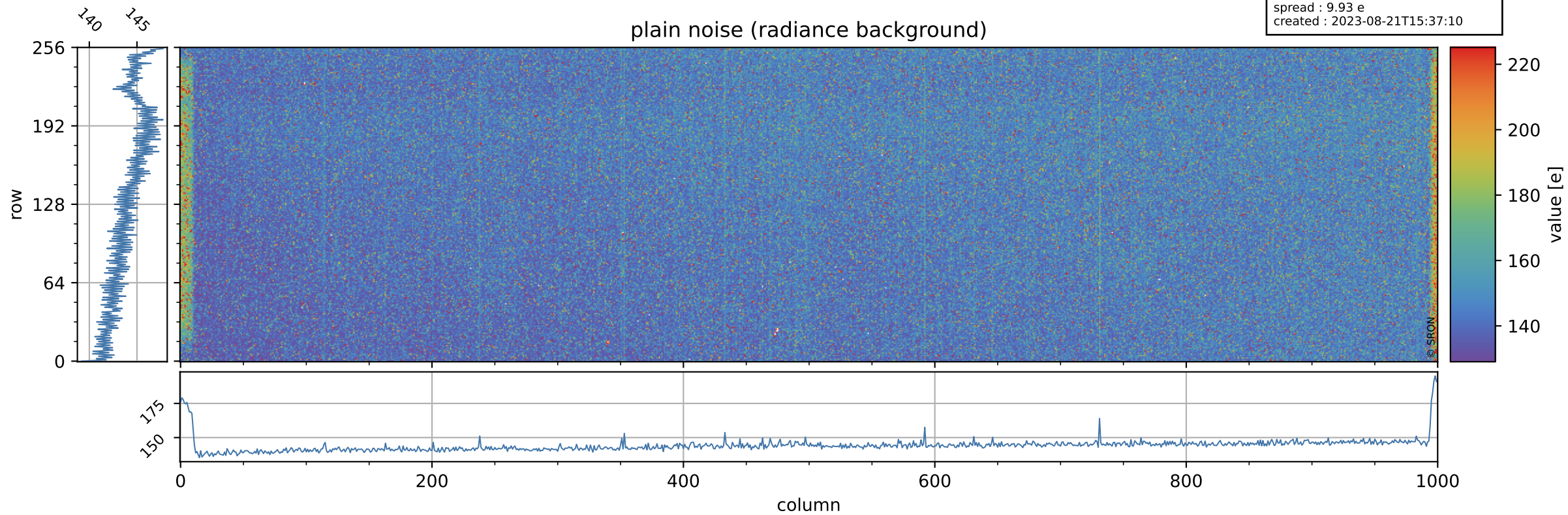
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
n_coad, t_exp : 1, 0.8383
median : 143.94 e
spread : 9.93 e
created : 2023-08-21T15:37:10

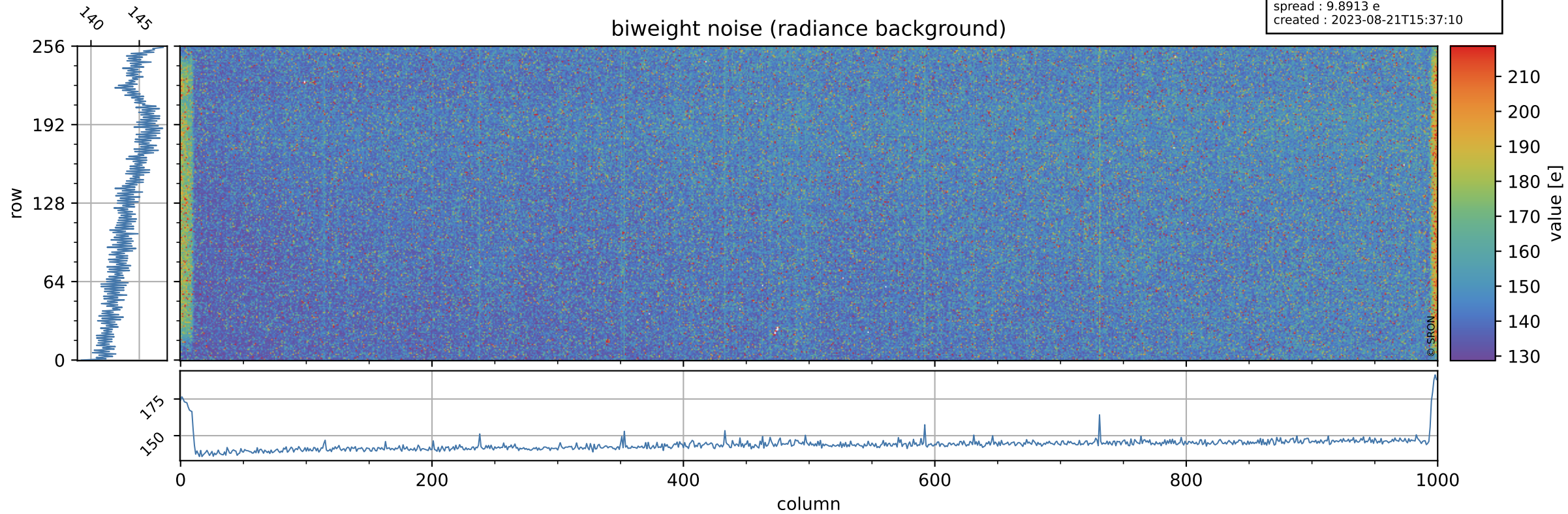
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8913 e
created : 2023-08-21T15:37:10

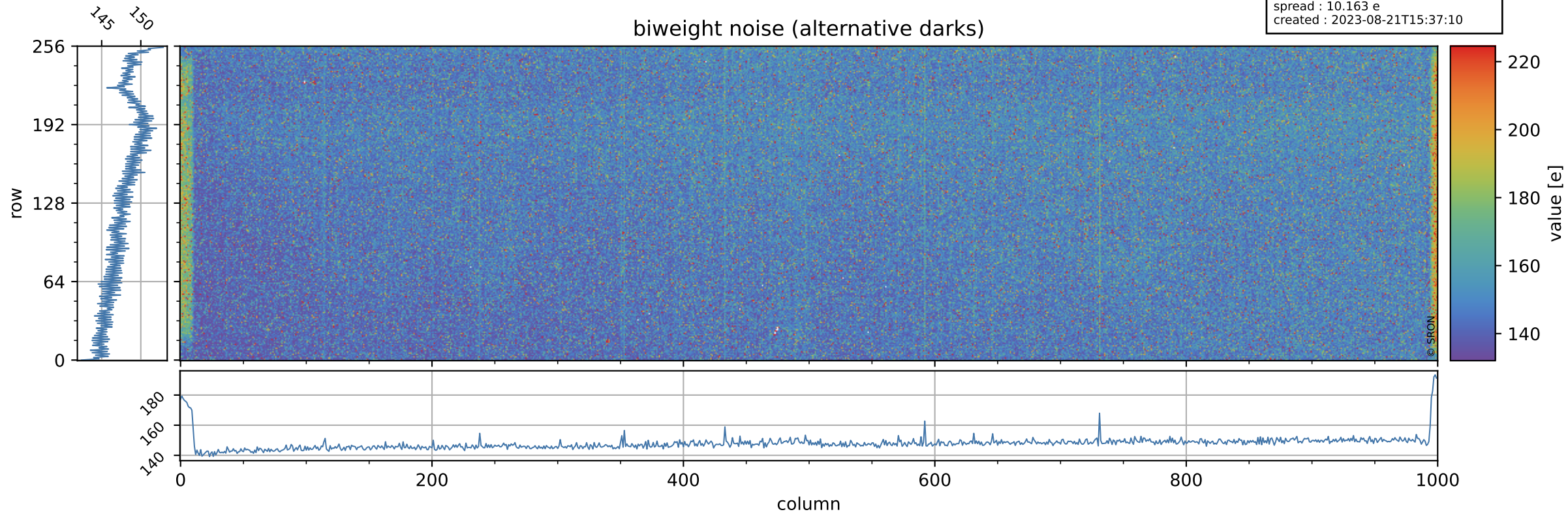
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.163 e
created : 2023-08-21T15:37:10

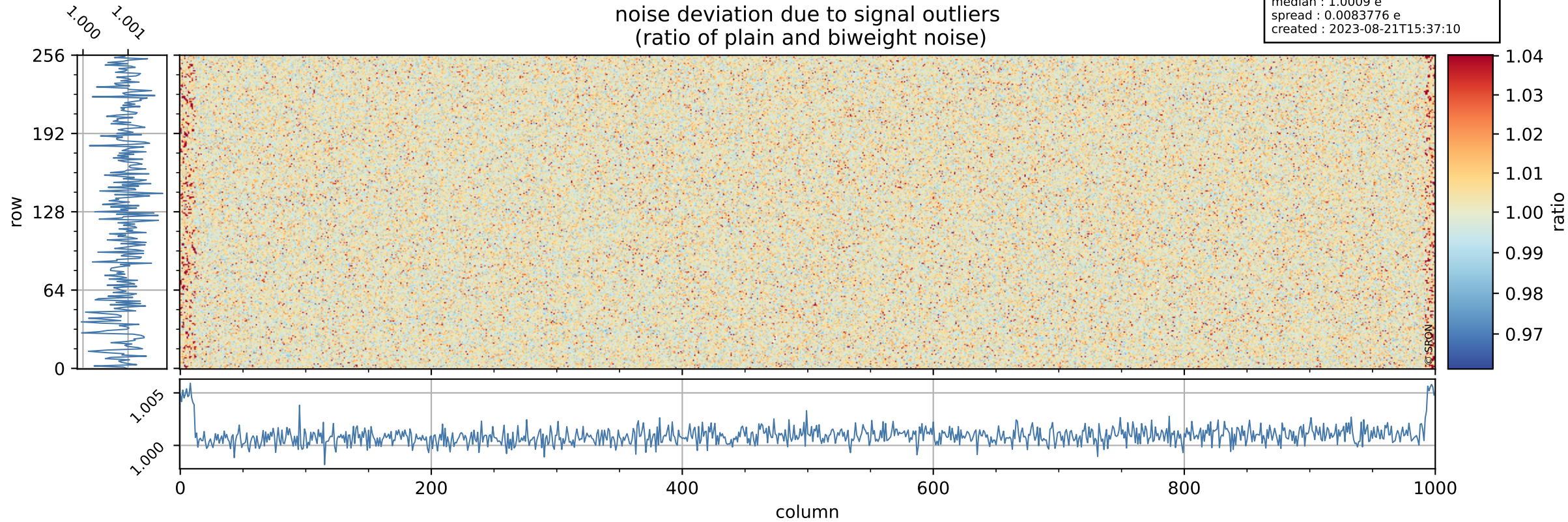
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

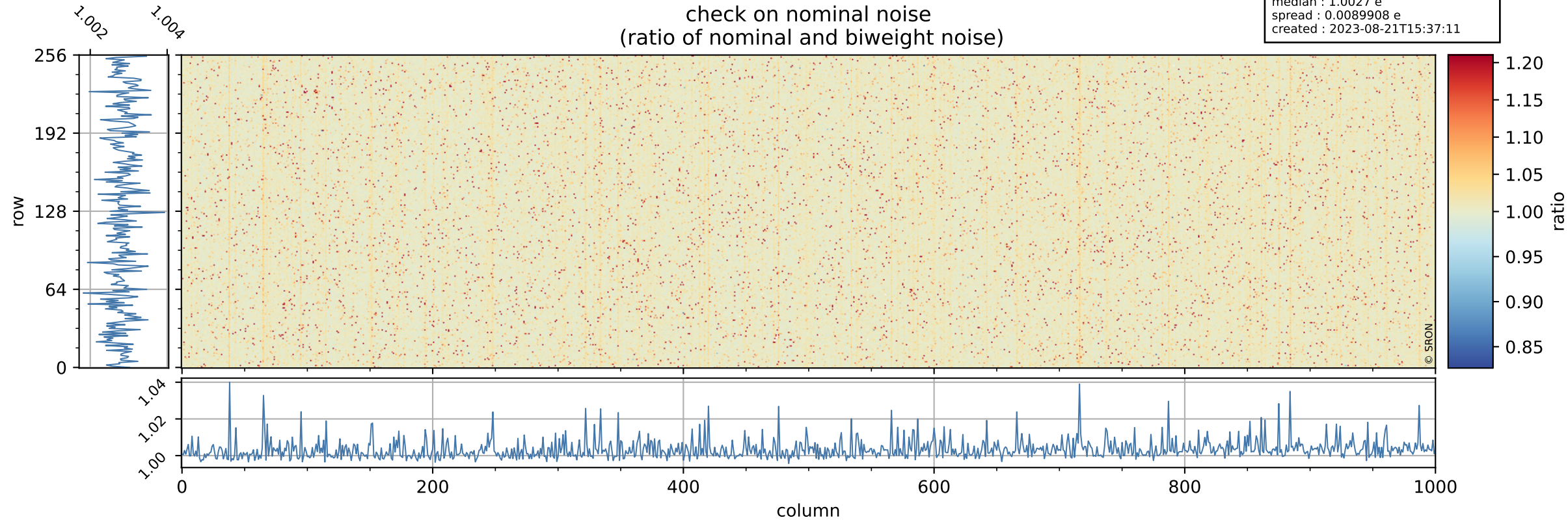
orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
median : 1.0009 e
spread : 0.0083776 e
created : 2023-08-21T15:37:10



Tropomi SWIR background noise (swir)

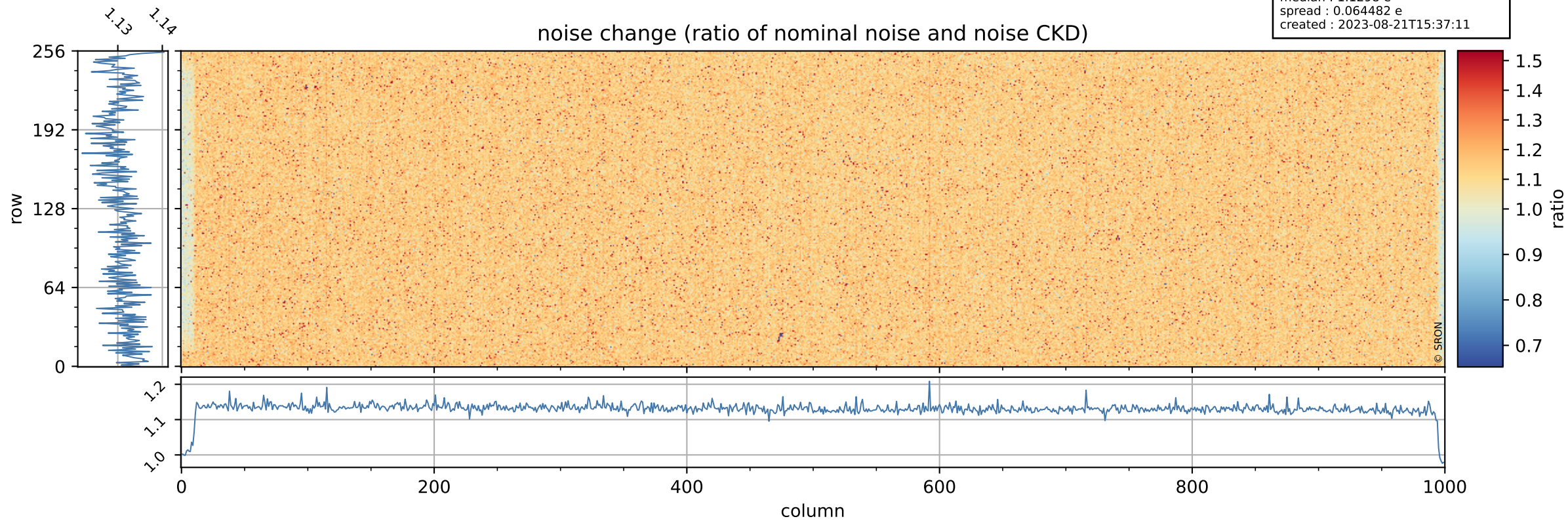
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
median : 1.0027 e
spread : 0.0089908 e
created : 2023-08-21T15:37:11



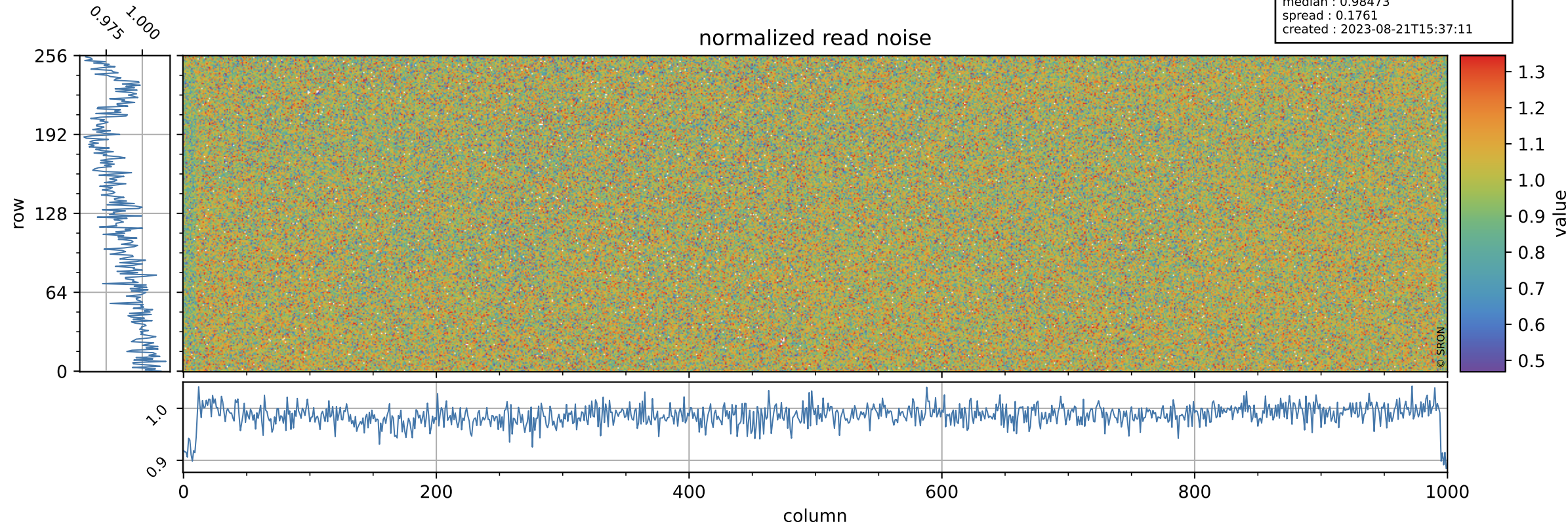
Tropomi SWIR background noise (swir)

orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
median : 1.1298 e
spread : 0.064482 e
created : 2023-08-21T15:37:11



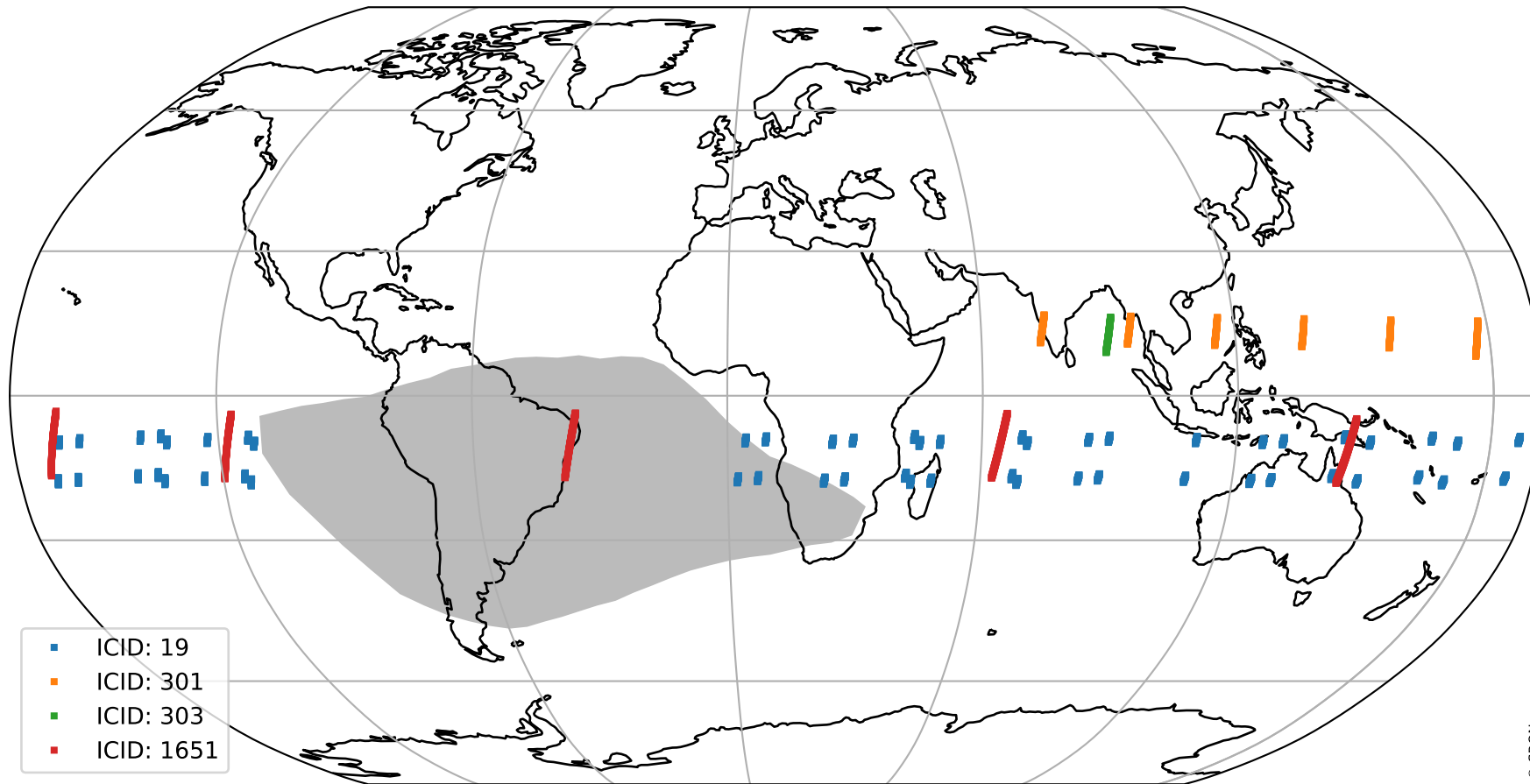
Tropomi SWIR background noise (swir)

orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
median : 0.98473
spread : 0.1761
created : 2023-08-21T15:37:11



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

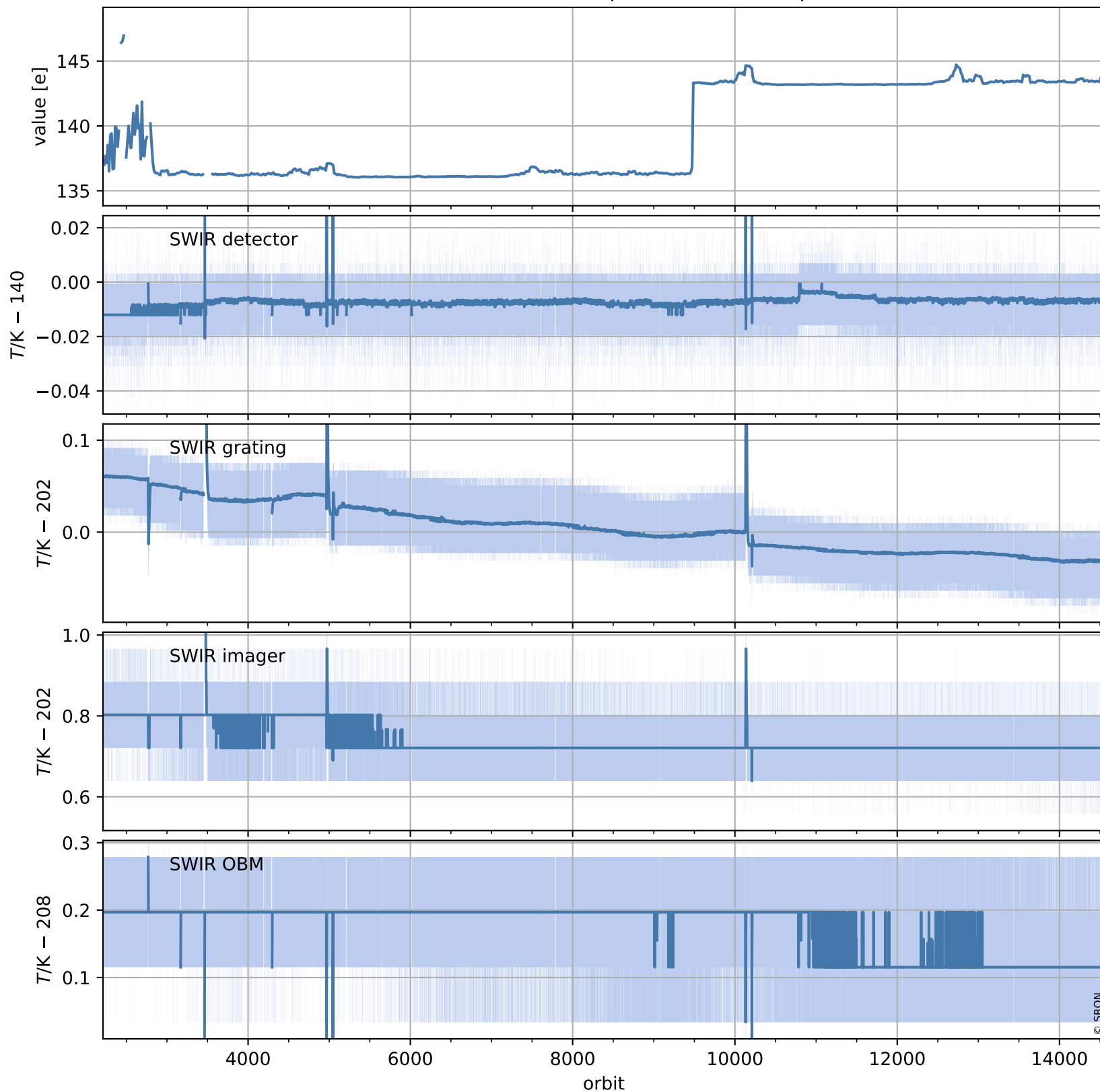
orbits : 12 in [14467, 14557]
coverage : 2020-07-29 / 2020-08-04
created : 2023-08-21T15:37:12



Tropomi SWIR background noise (swir)

orbits : [2212, 14557]
coverage : 2018-03-18 / 2020-08-04
created : 2023-08-21T15:37:12

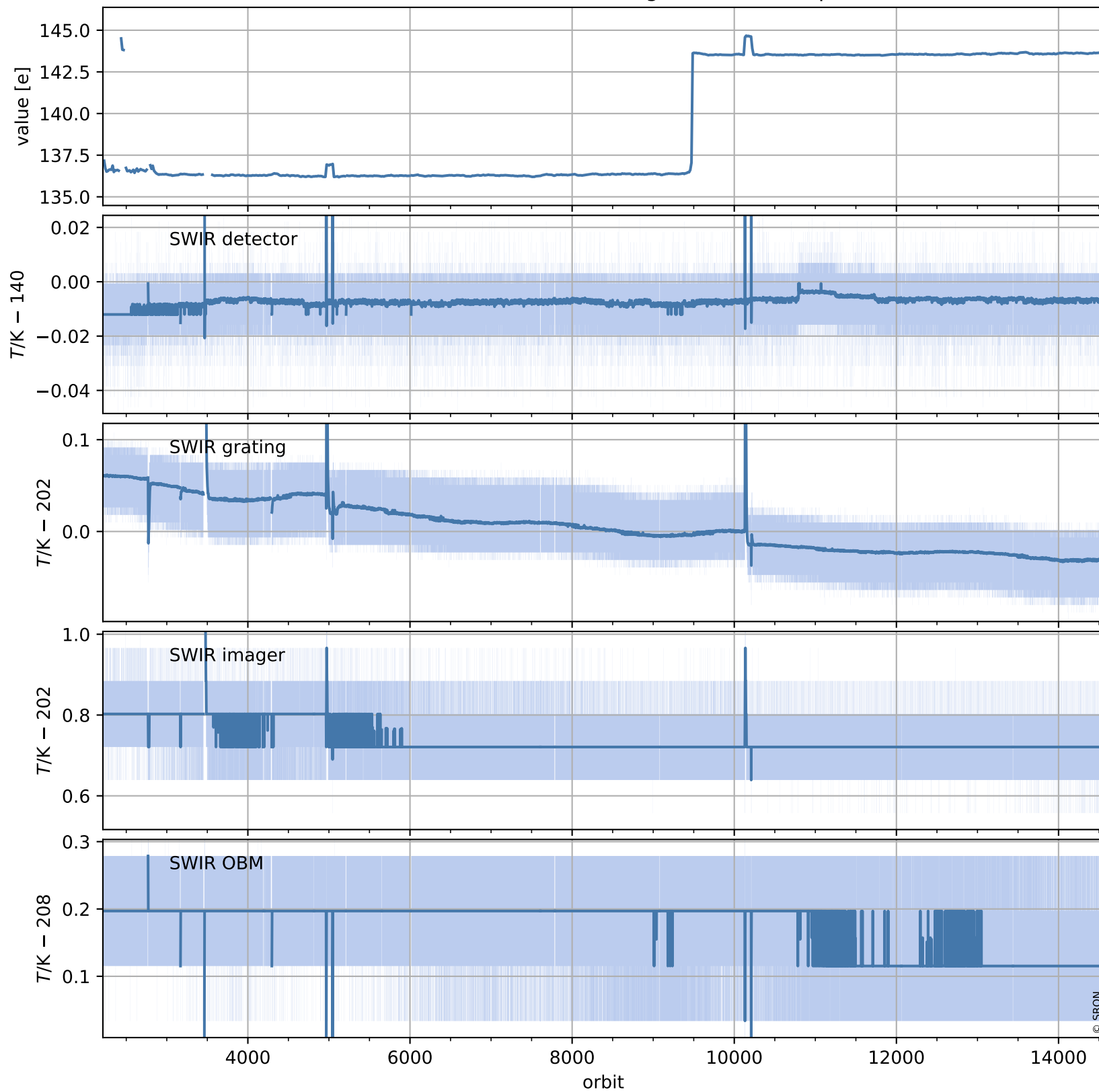
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14557]
coverage : 2018-03-18 / 2020-08-04
created : 2023-08-21T15:37:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14557]
coverage : 2018-03-18 / 2020-08-04
created : 2023-08-21T15:37:13

trend of normalized read-noise & temperatures

