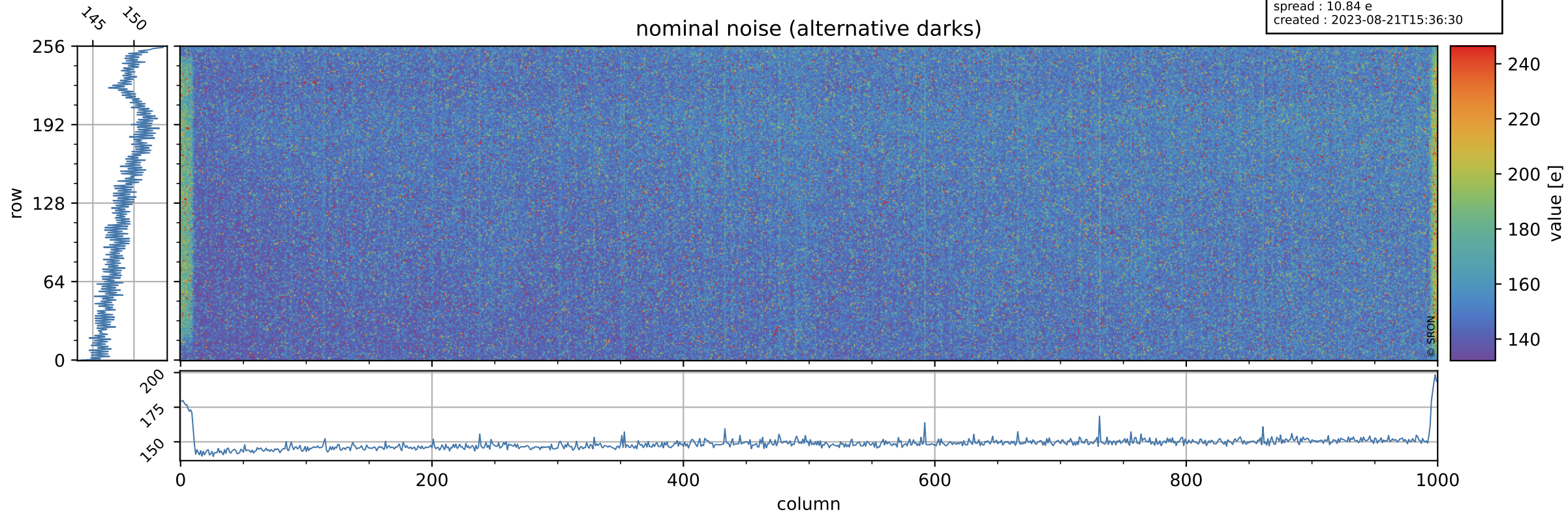


Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.84 e
created : 2023-08-21T15:36:30

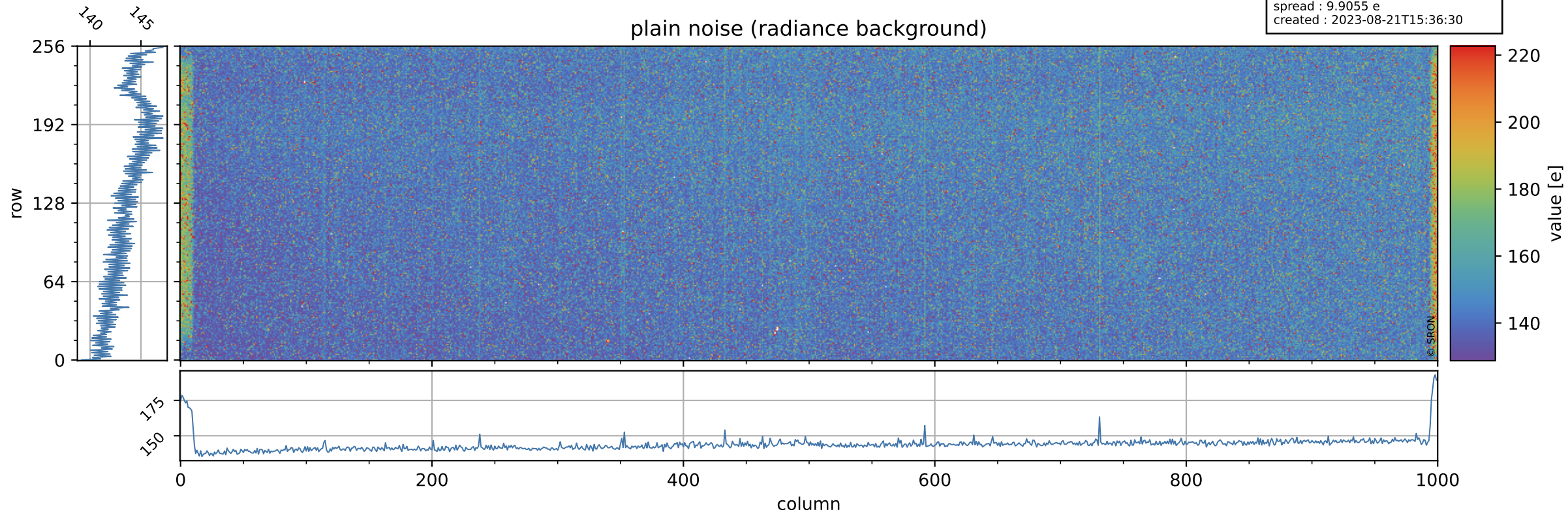
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.9055 e
created : 2023-08-21T15:36:30

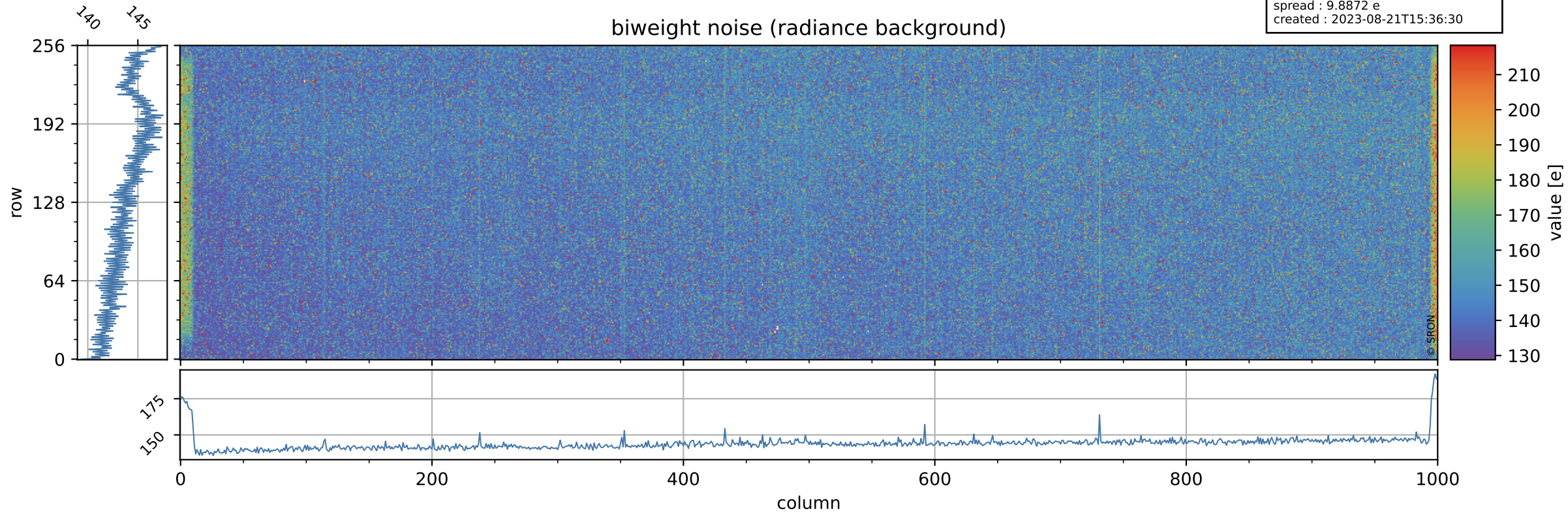
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8872 e
created : 2023-08-21T15:36:30

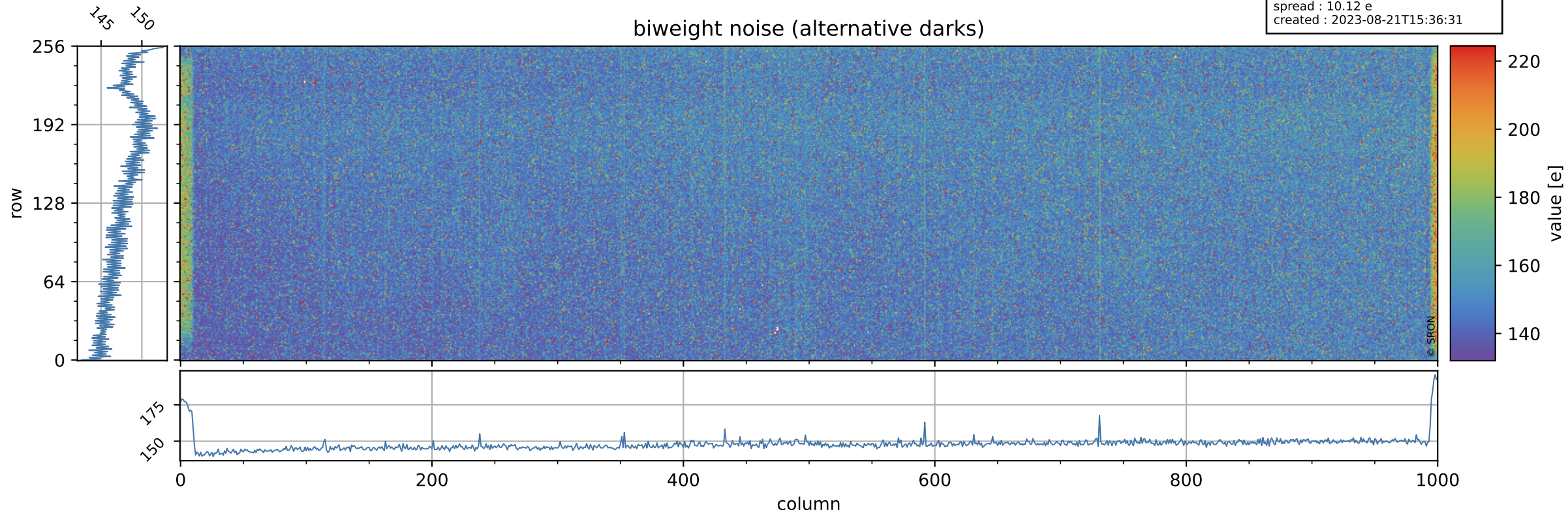
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.12 e
created : 2023-08-21T15:36:31

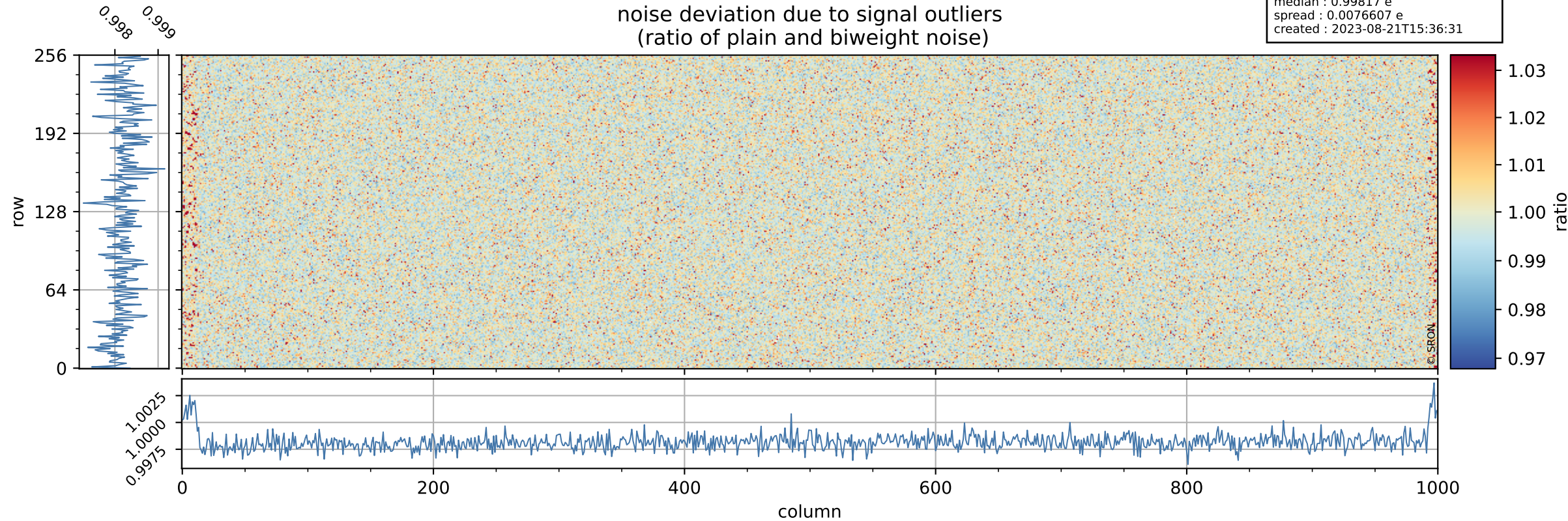
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

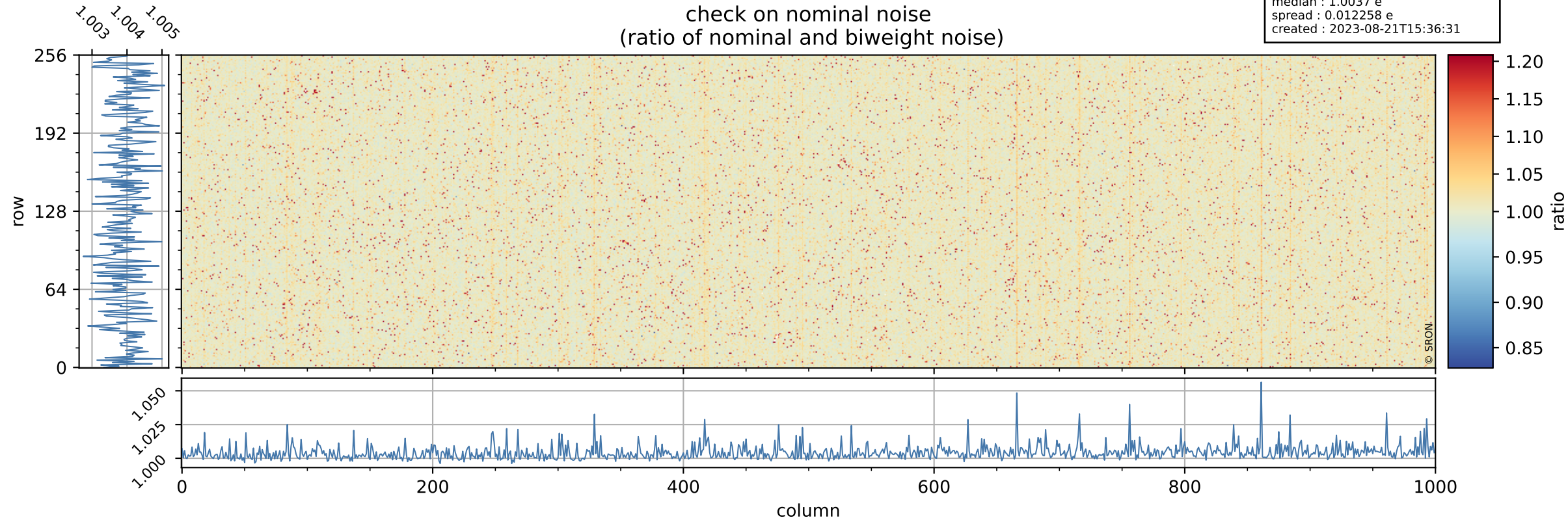
orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
median : 0.99817 e
spread : 0.0076607 e
created : 2023-08-21T15:36:31



Tropomi SWIR background noise (swir)

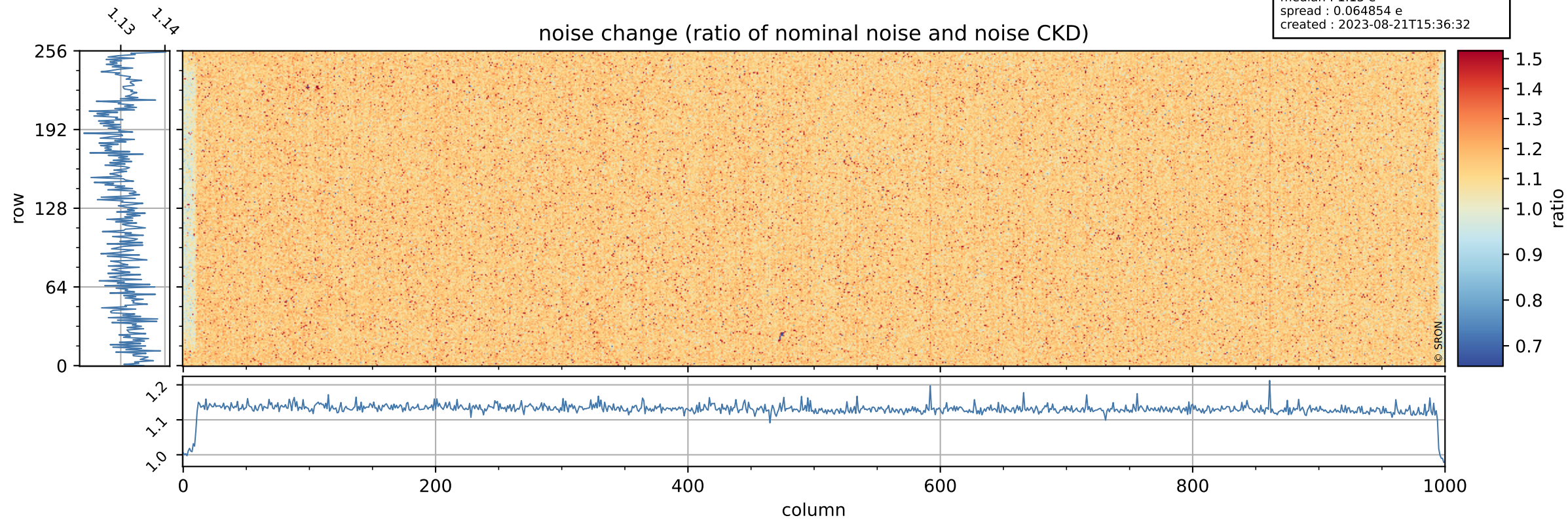
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
median : 1.0037 e
spread : 0.012258 e
created : 2023-08-21T15:36:31



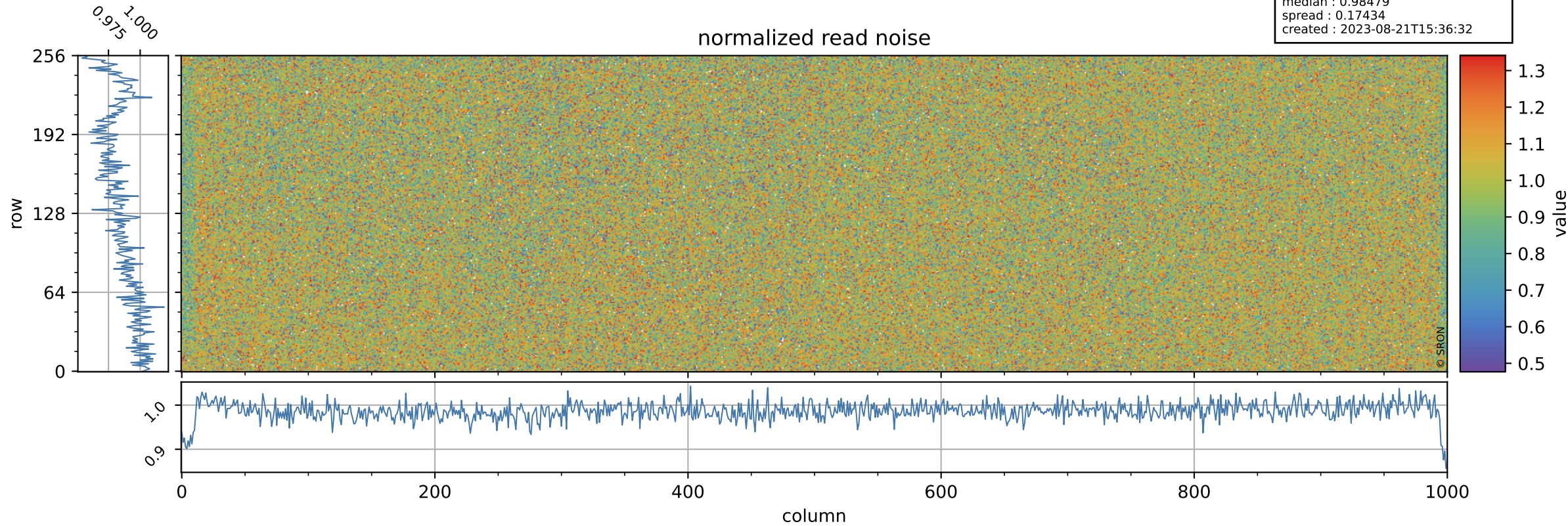
Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
median : 1.13 e
spread : 0.064854 e
created : 2023-08-21T15:36:32



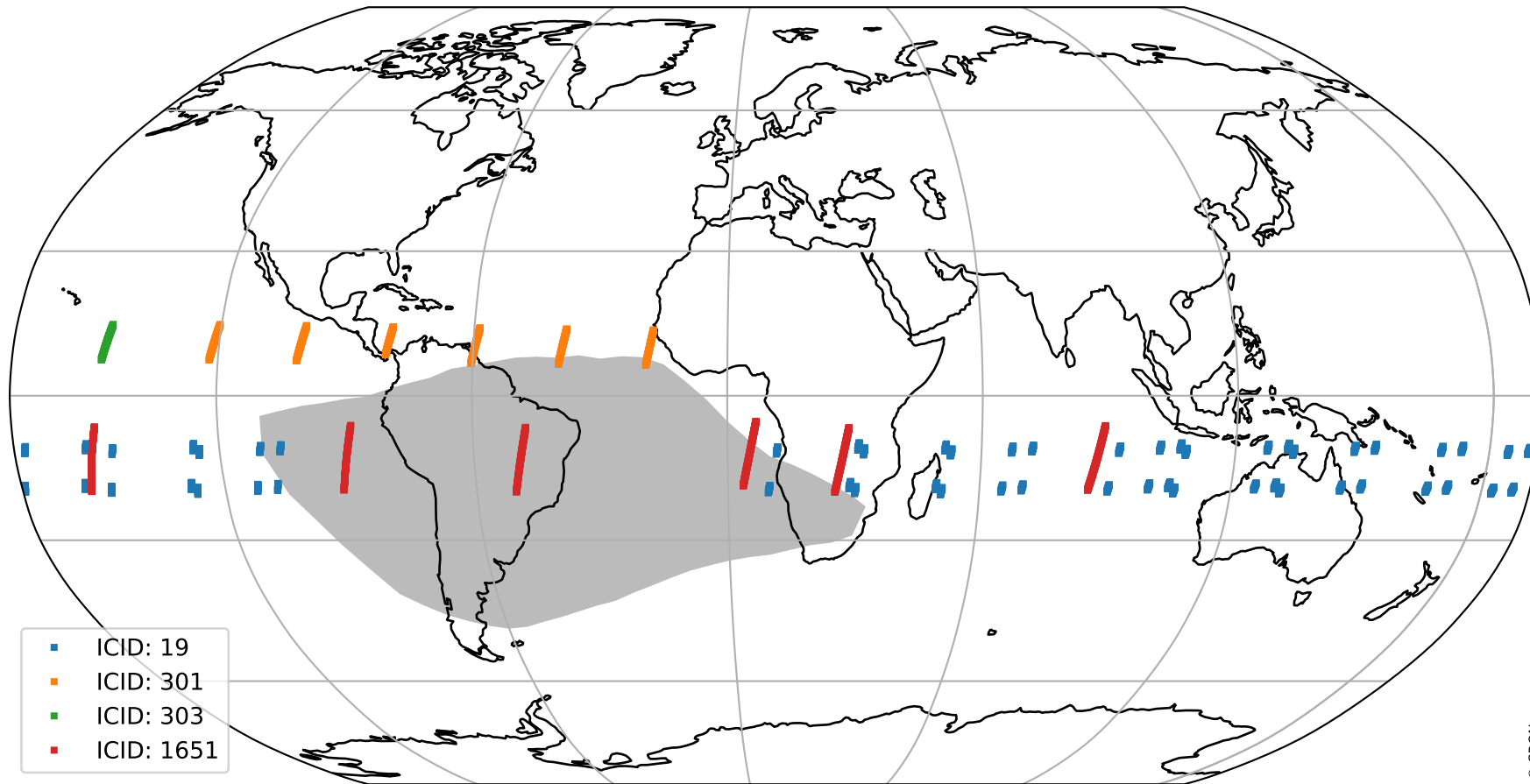
Tropomi SWIR background noise (swir)

orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
median : 0.98479
spread : 0.17434
created : 2023-08-21T15:36:32



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

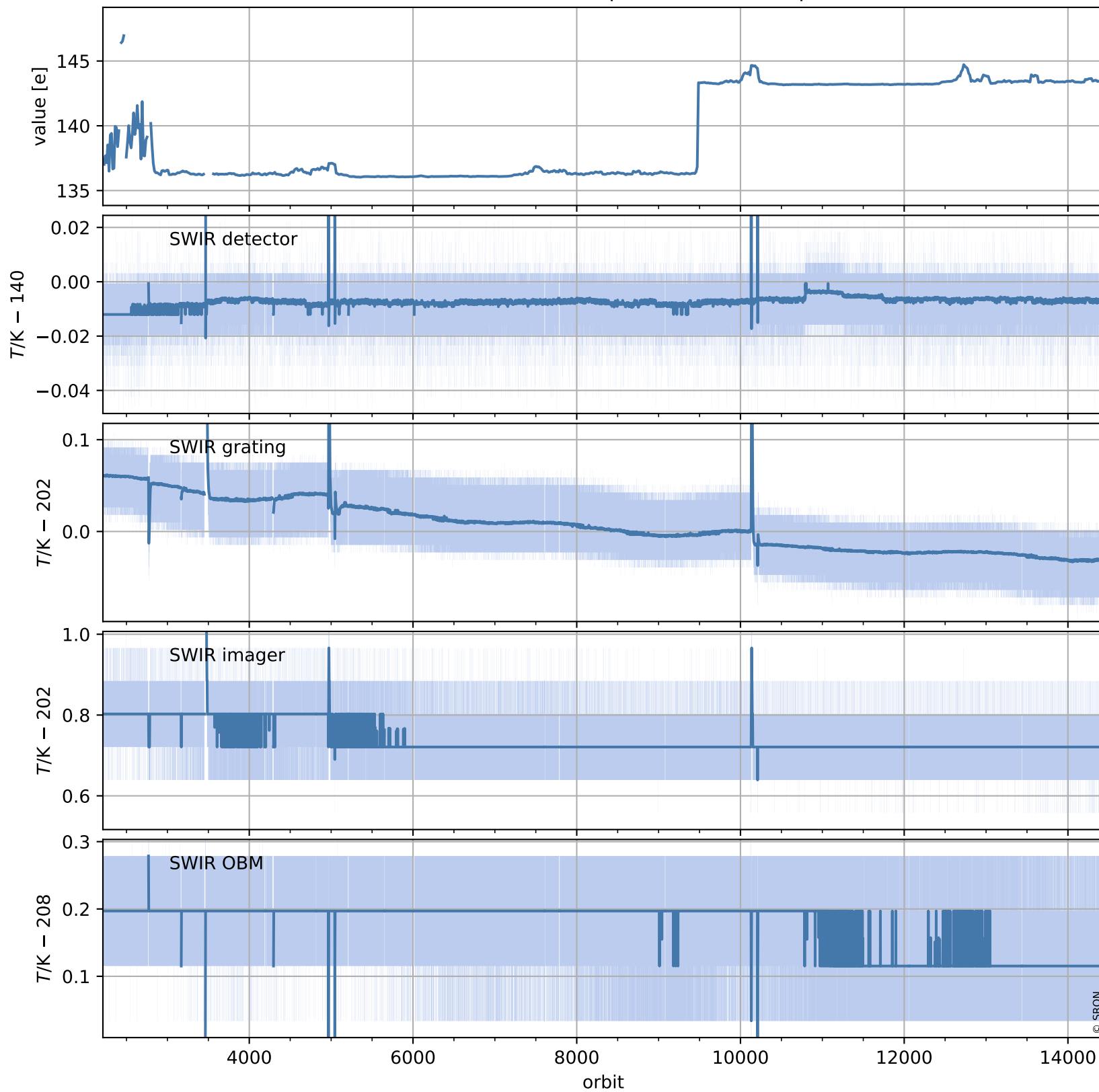
orbits : 13 in [14347, 14437]
coverage : 2020-07-20 / 2020-07-27
created : 2023-08-21T15:36:32



Tropomi SWIR background noise (swir)

orbits : [2212, 14437]
coverage : 2018-03-18 / 2020-07-27
created : 2023-08-21T15:36:32

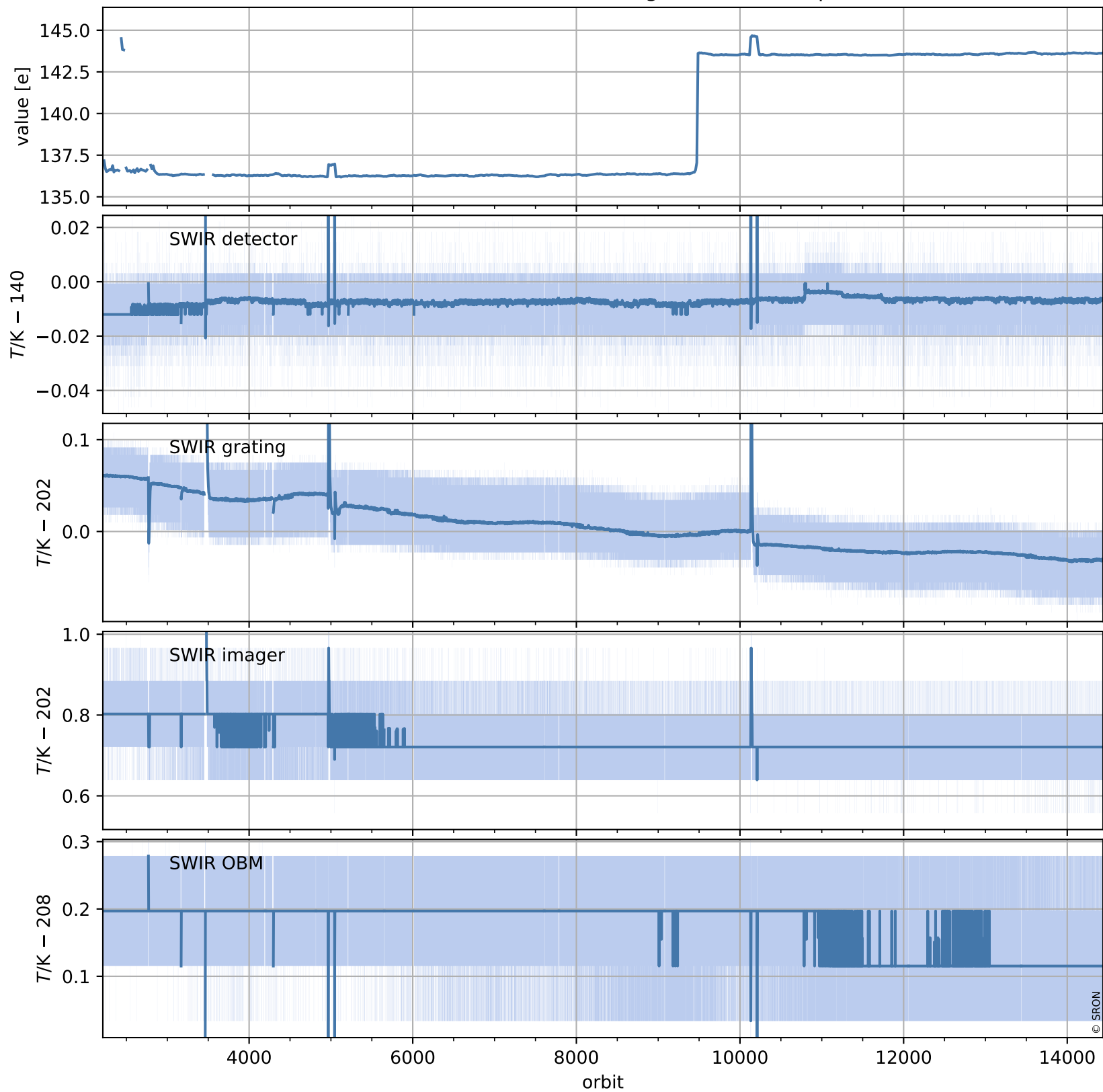
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14437]
coverage : 2018-03-18 / 2020-07-27
created : 2023-08-21T15:36:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14437]
coverage : 2018-03-18 / 2020-07-27
created : 2023-08-21T15:36:34

trend of normalized read-noise & temperatures

