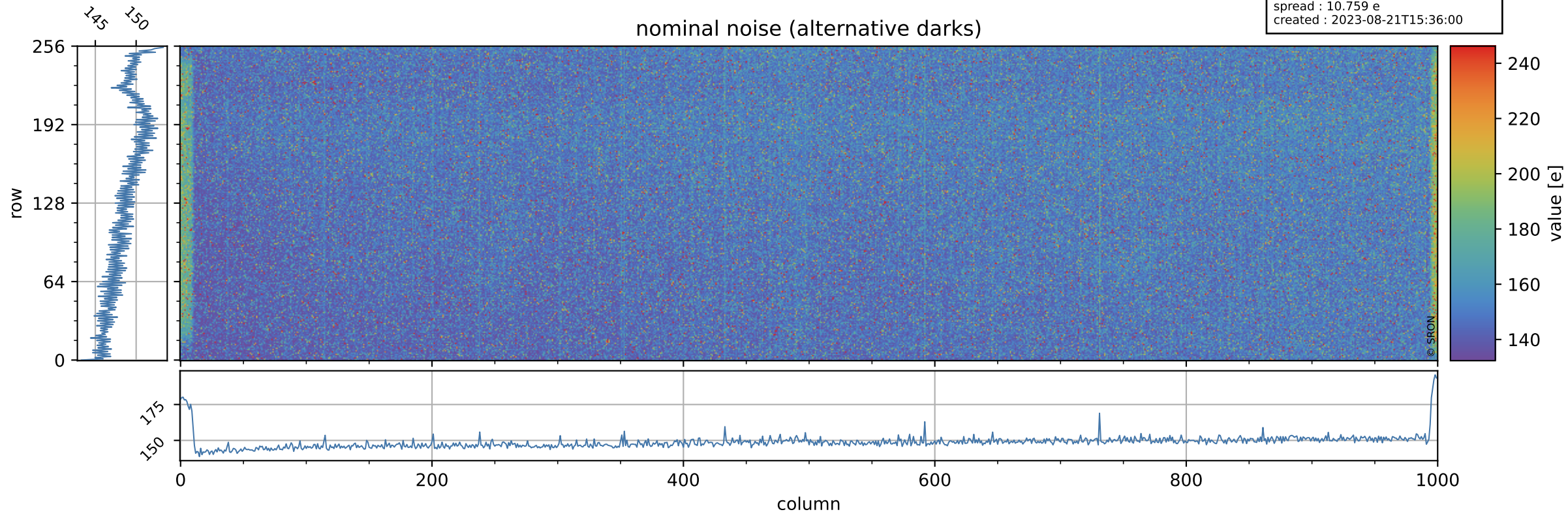


Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
n_coad, t_exp : 1, 1.0783
median : 148.59 e
spread : 10.759 e
created : 2023-08-21T15:36:00

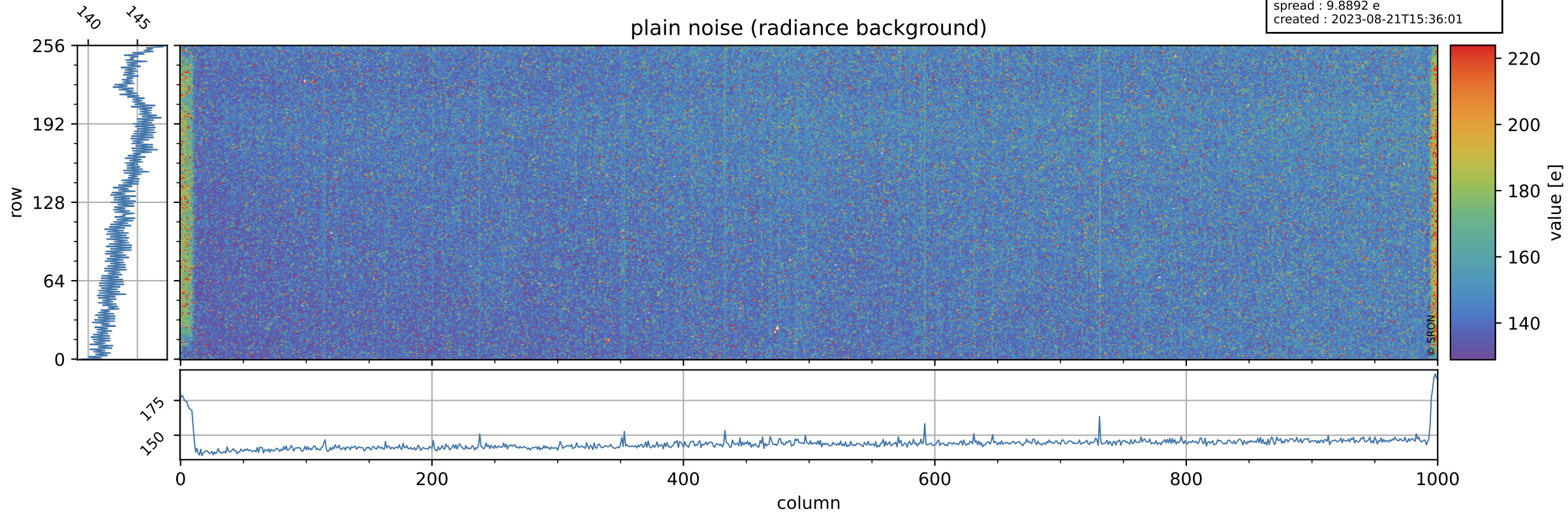
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.8892 e
created : 2023-08-21T15:36:01

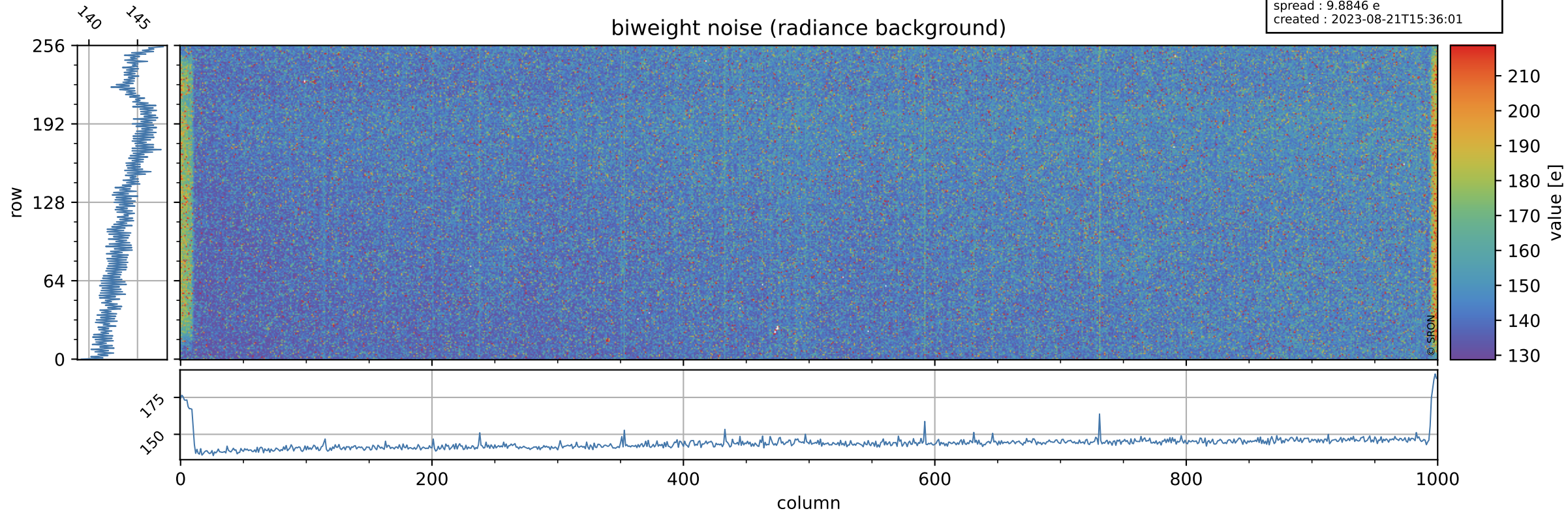
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.8846 e
created : 2023-08-21T15:36:01

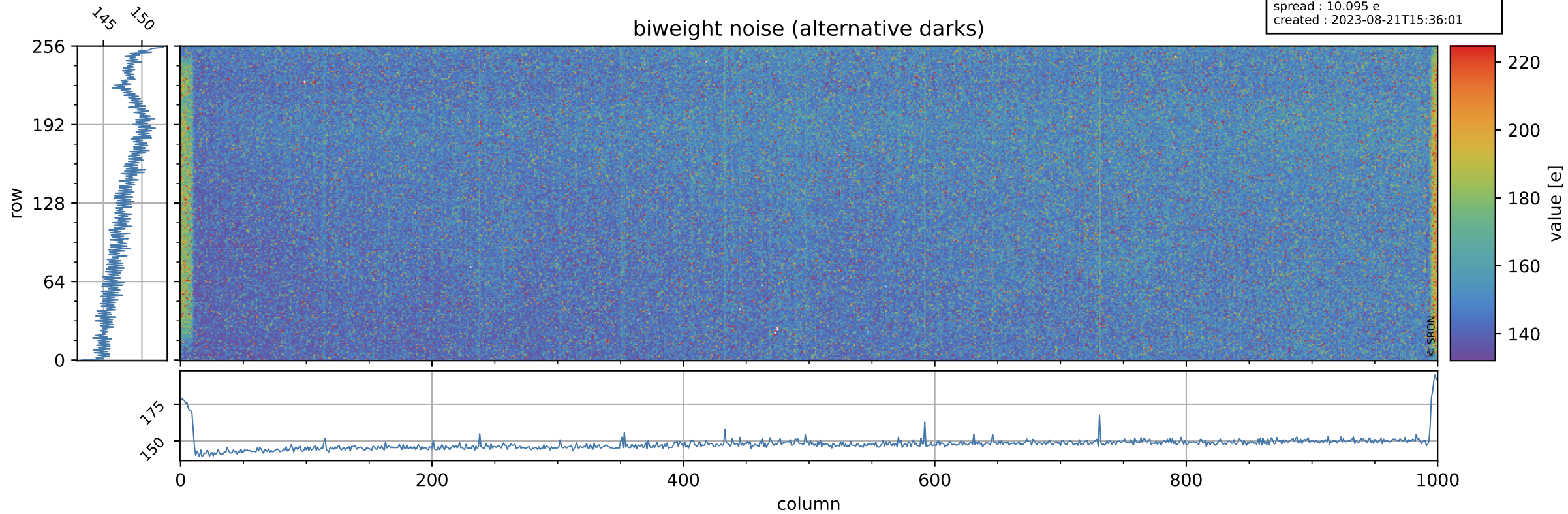
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.095 e
created : 2023-08-21T15:36:01

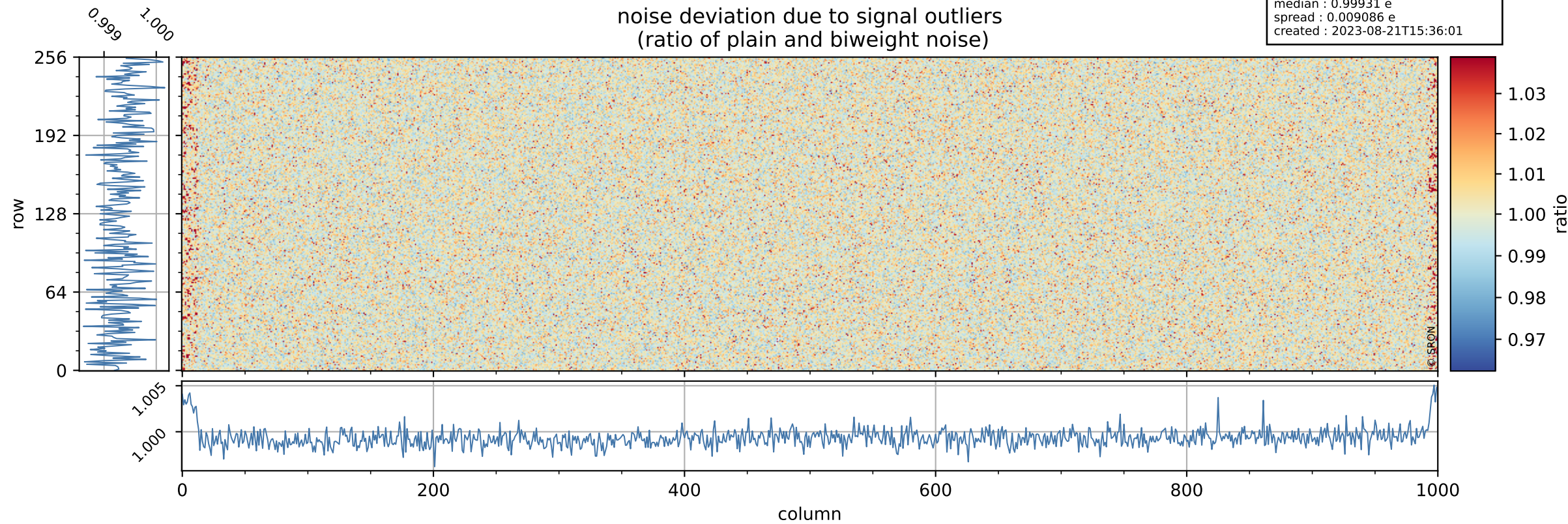
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

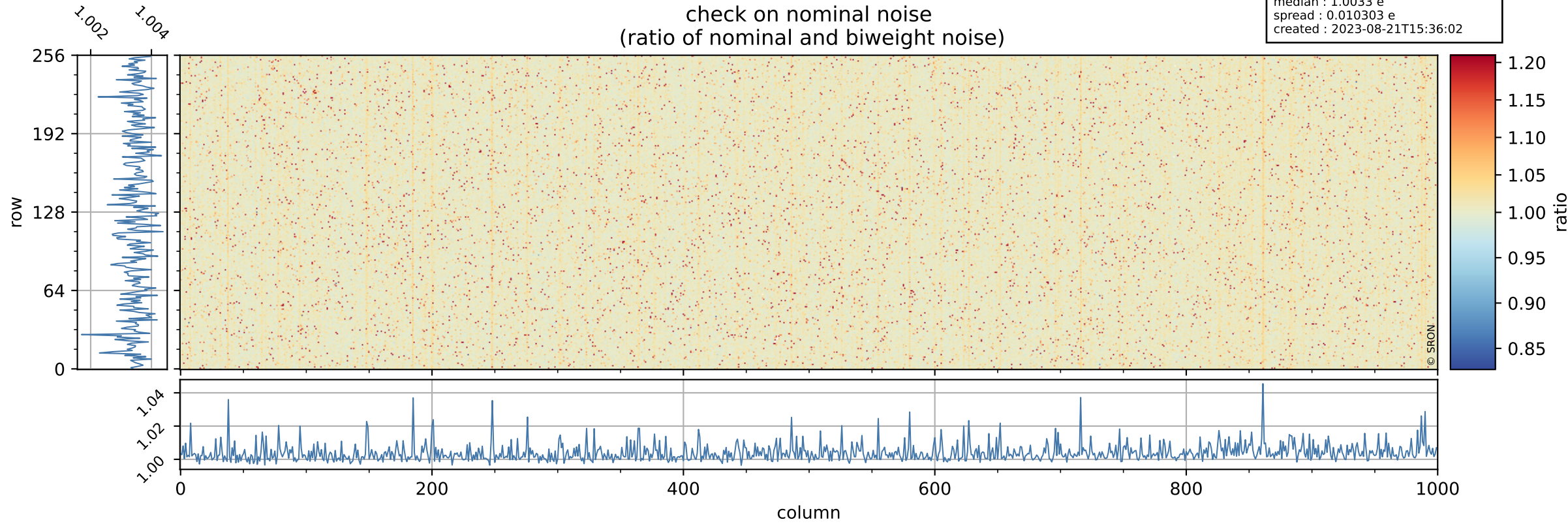
orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
median : 0.99931 e
spread : 0.009086 e
created : 2023-08-21T15:36:01



Tropomi SWIR background noise (swir)

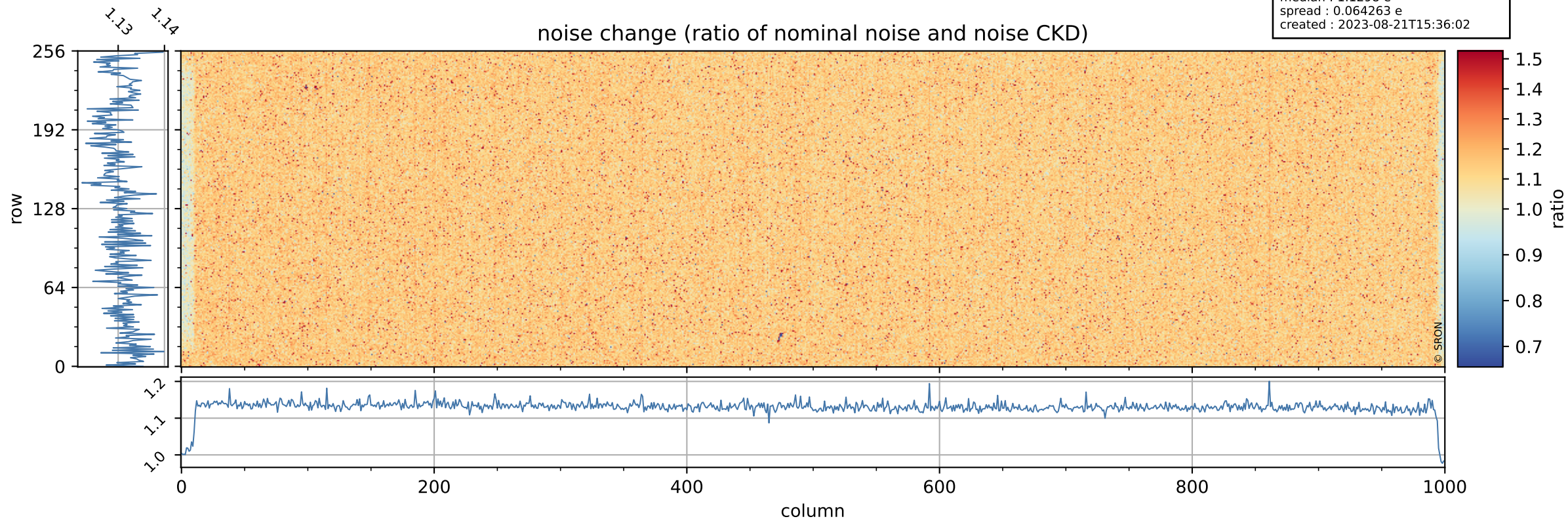
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
median : 1.0033 e
spread : 0.010303 e
created : 2023-08-21T15:36:02



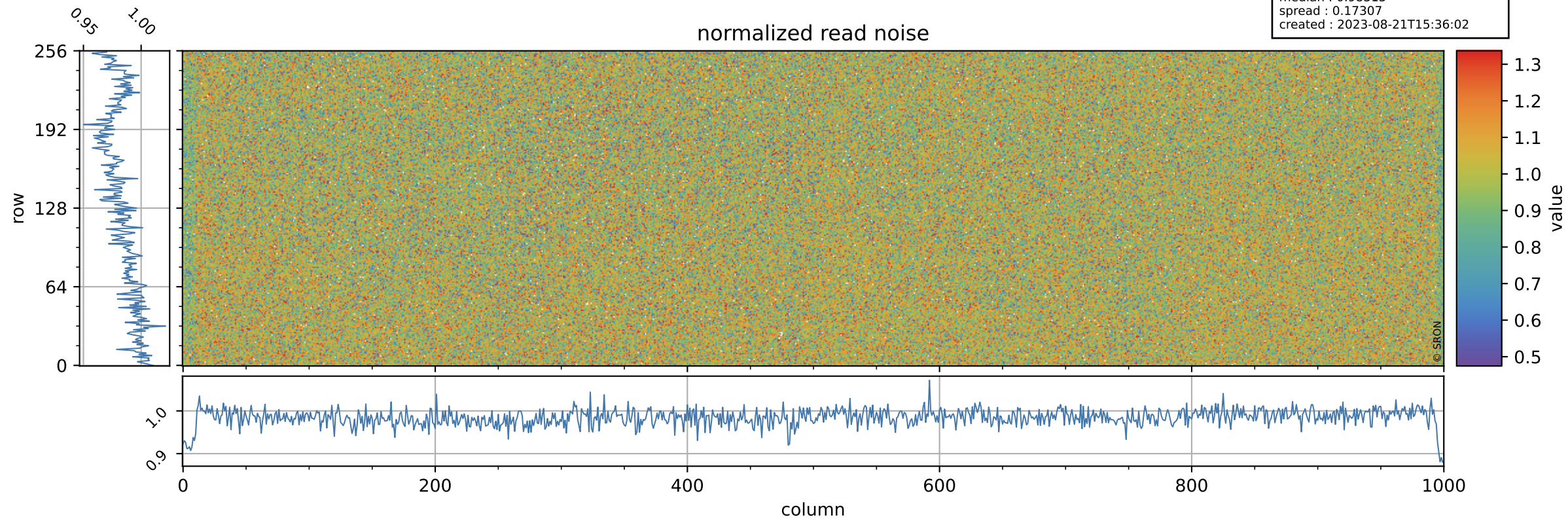
Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
median : 1.1298 e
spread : 0.064263 e
created : 2023-08-21T15:36:02



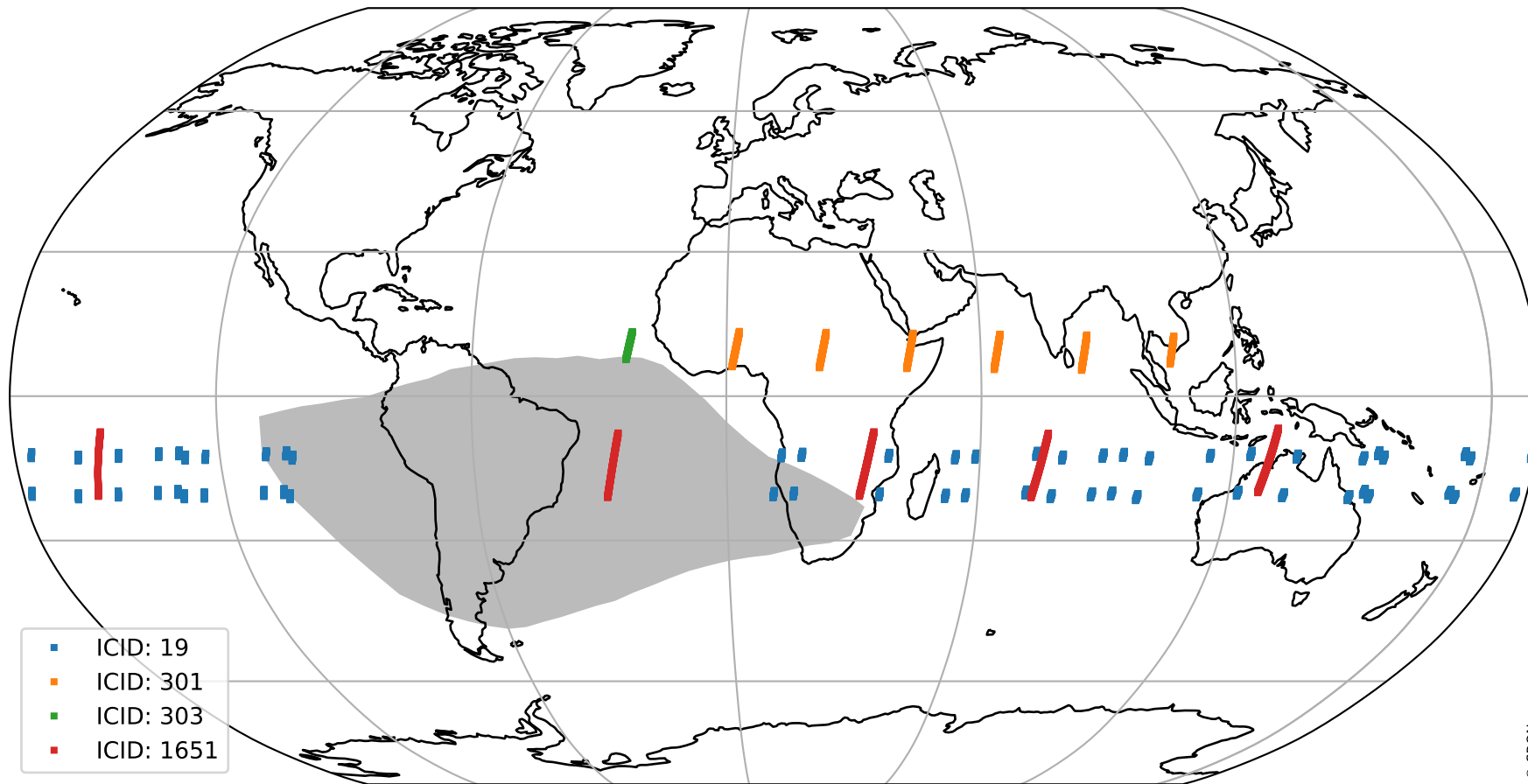
Tropomi SWIR background noise (swir)

orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
median : 0.98315
spread : 0.17307
created : 2023-08-21T15:36:02



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

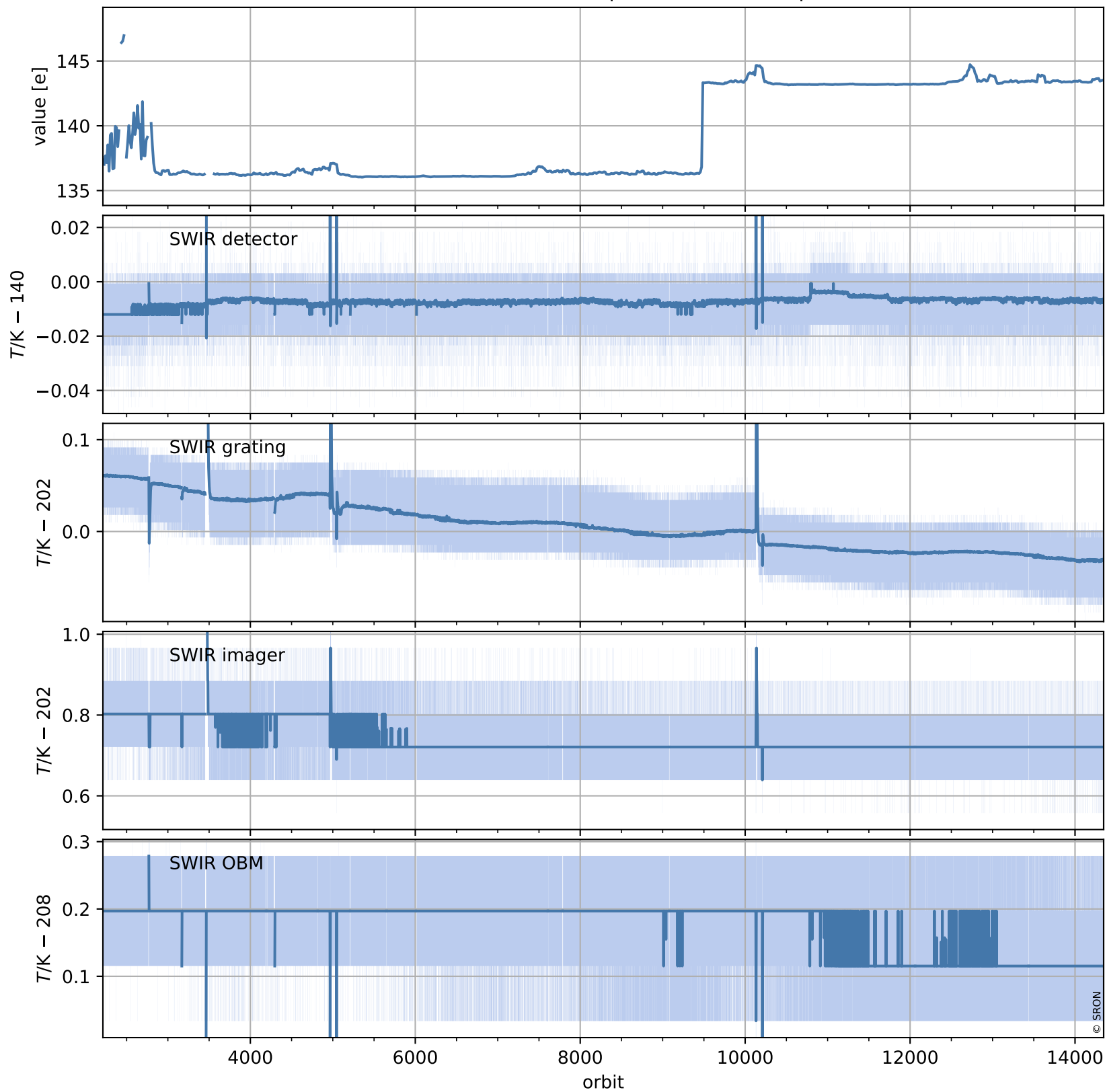
orbits : 12 in [14257, 14347]
coverage : 2020-07-14 / 2020-07-20
created : 2023-08-21T15:36:02



Tropomi SWIR background noise (swir)

orbits : [2212, 14347]
coverage : 2018-03-18 / 2020-07-20
created : 2023-08-21T15:36:03

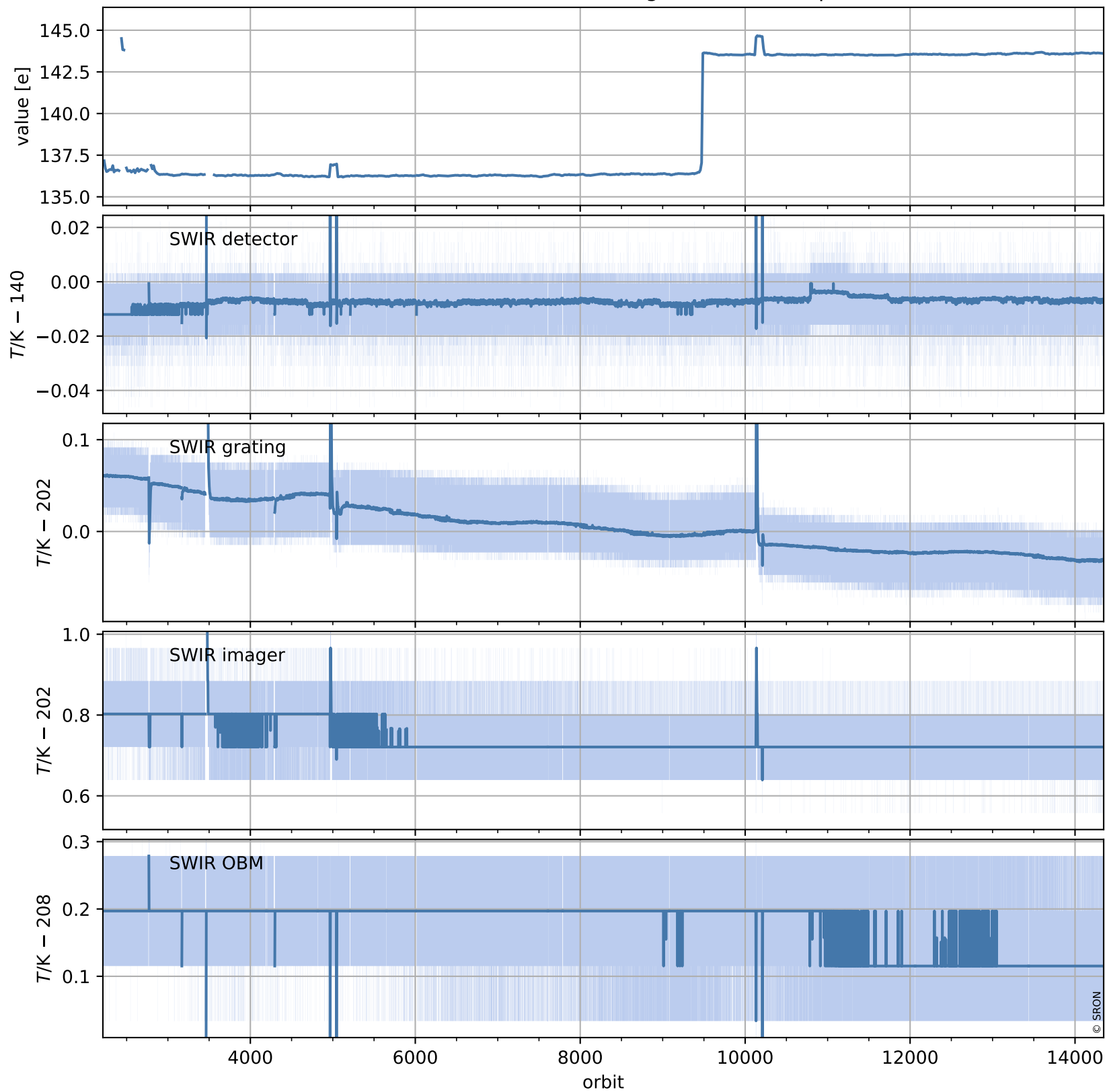
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14347]
coverage : 2018-03-18 / 2020-07-20
created : 2023-08-21T15:36:04

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14347]
coverage : 2018-03-18 / 2020-07-20
created : 2023-08-21T15:36:04

trend of normalized read-noise & temperatures

