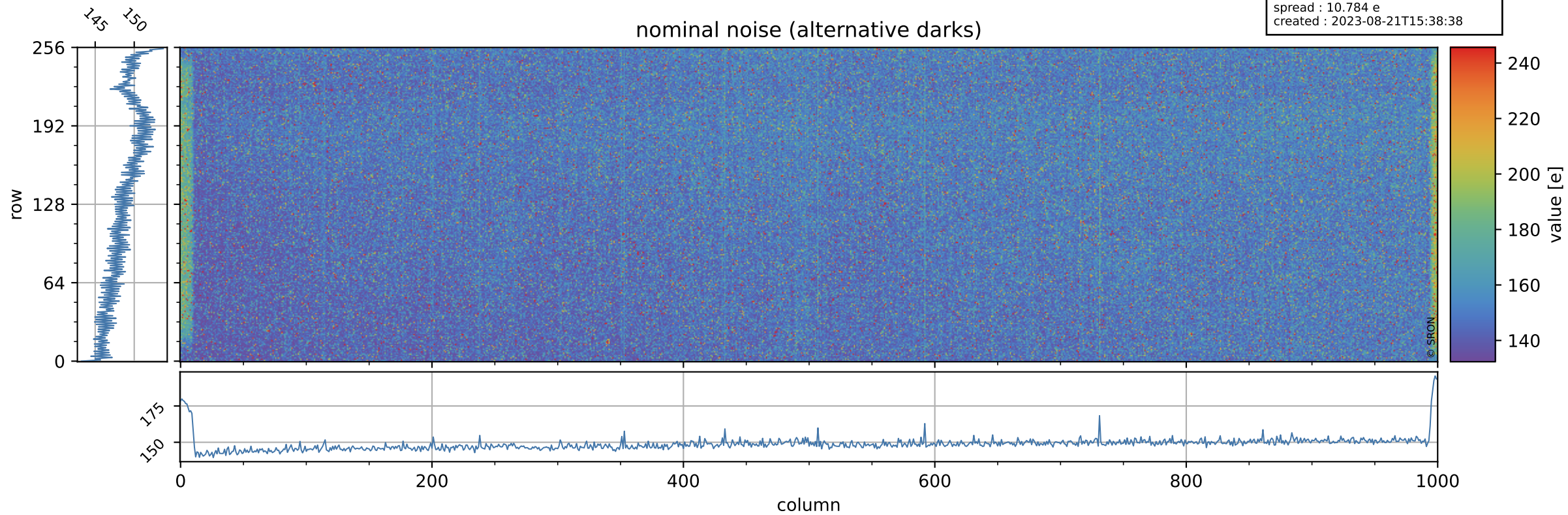


Tropomi SWIR background noise (swir)

orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.784 e
created : 2023-08-21T15:38:38

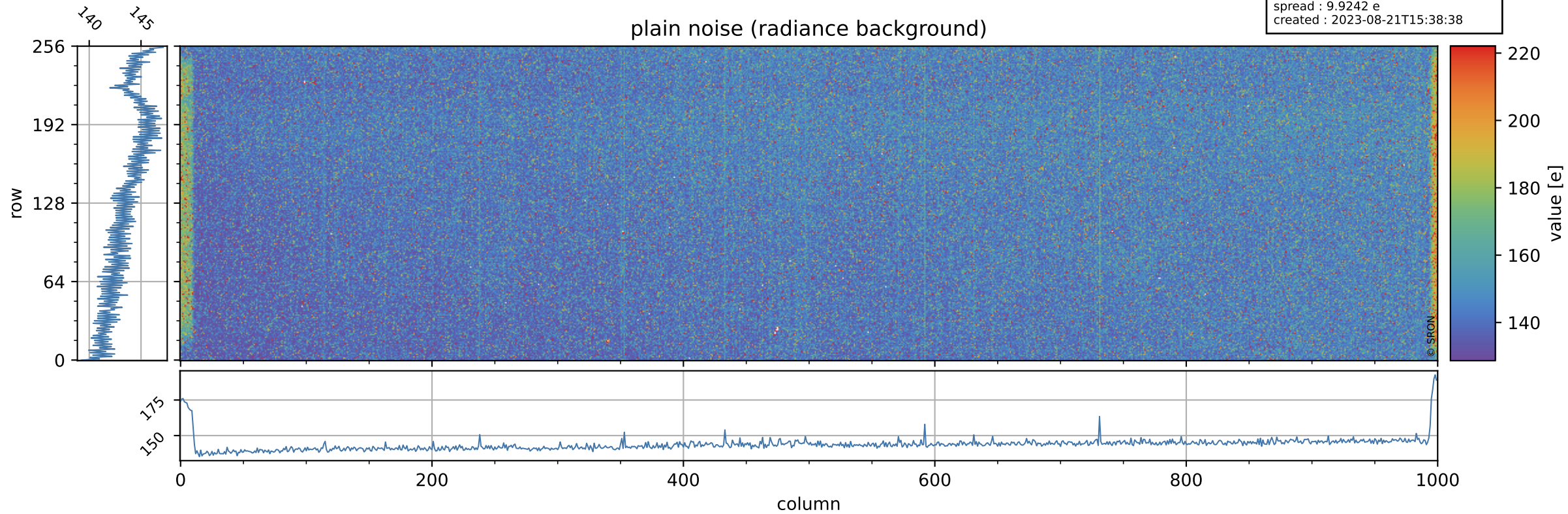
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.9242 e
created : 2023-08-21T15:38:38

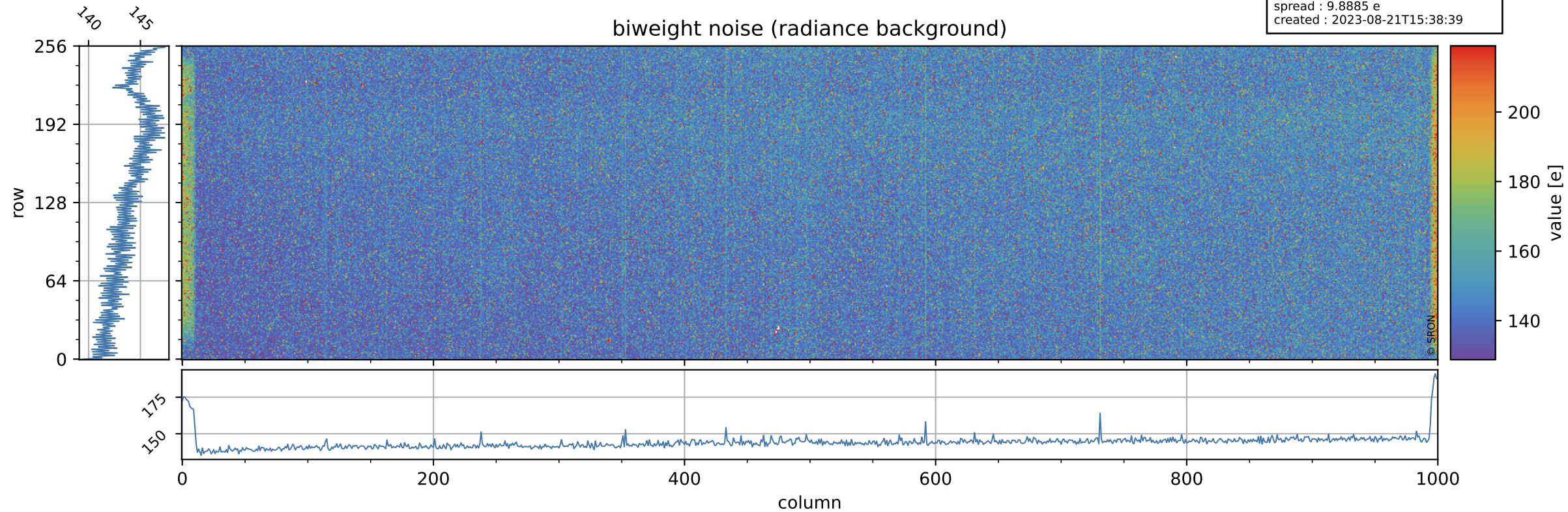
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.8885 e
created : 2023-08-21T15:38:39

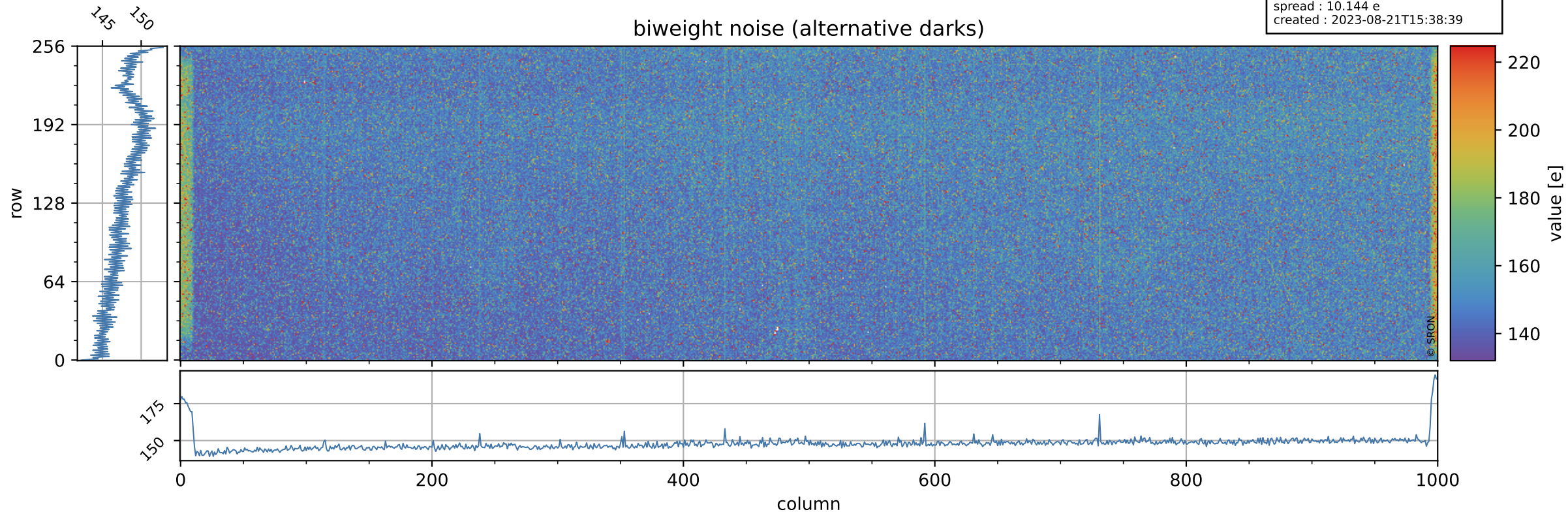
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.144 e
created : 2023-08-21T15:38:39

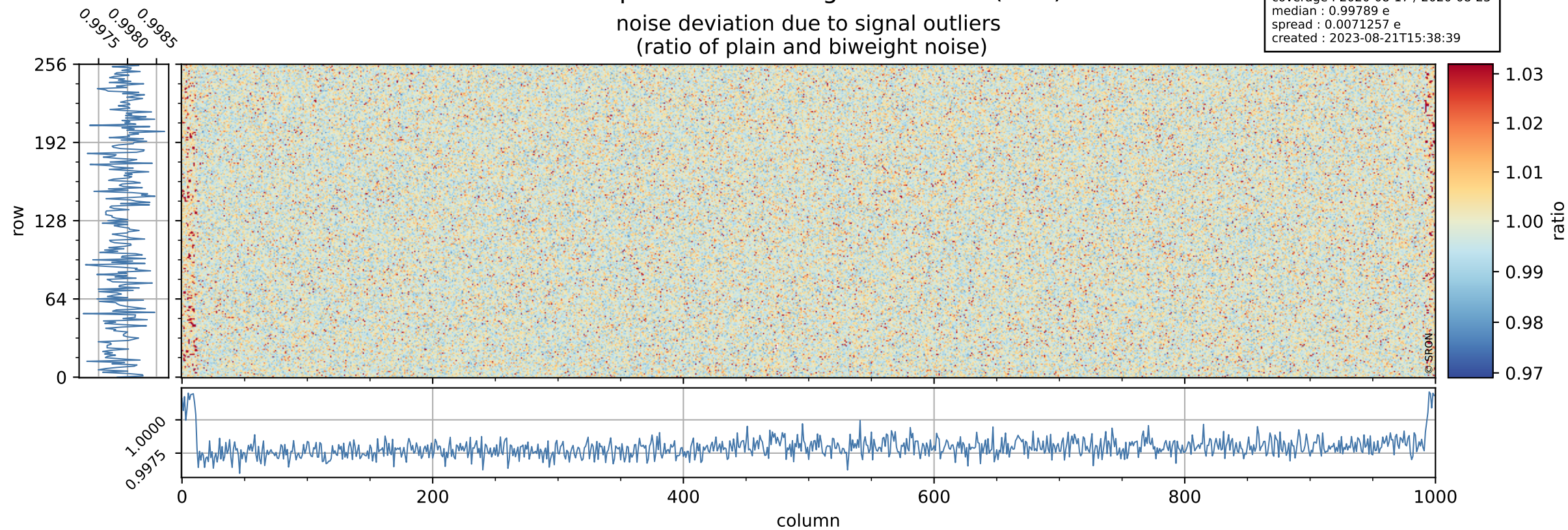
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

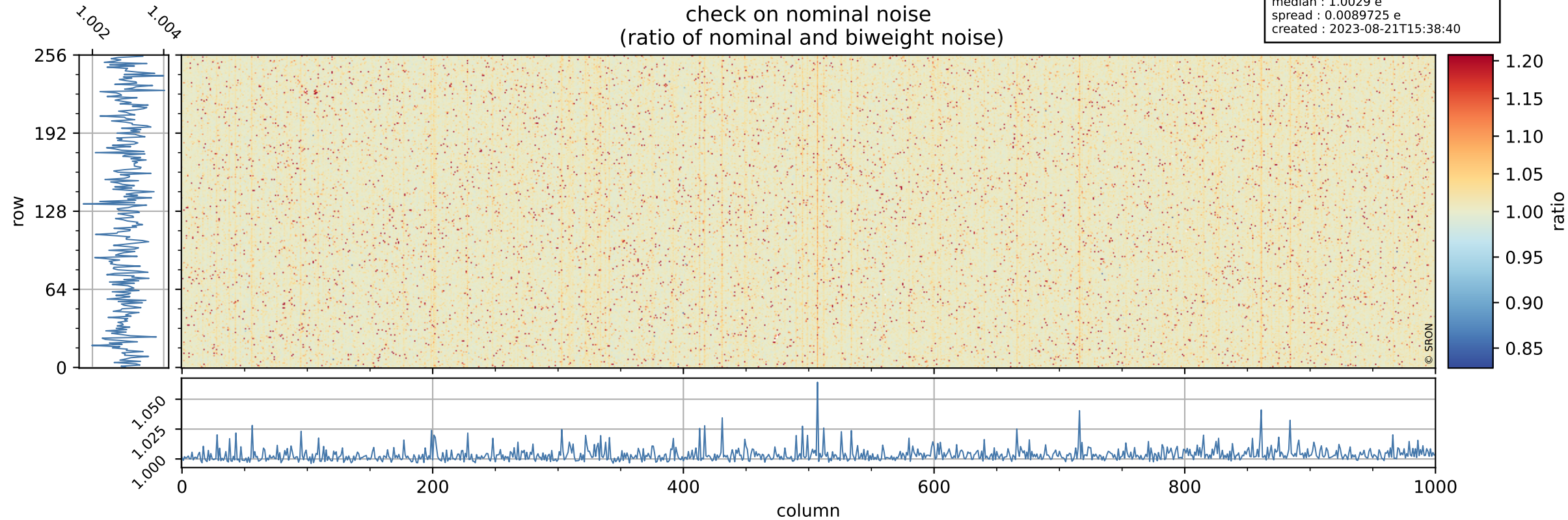
orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
median : 0.99789 e
spread : 0.0071257 e
created : 2023-08-21T15:38:39



Tropomi SWIR background noise (swir)

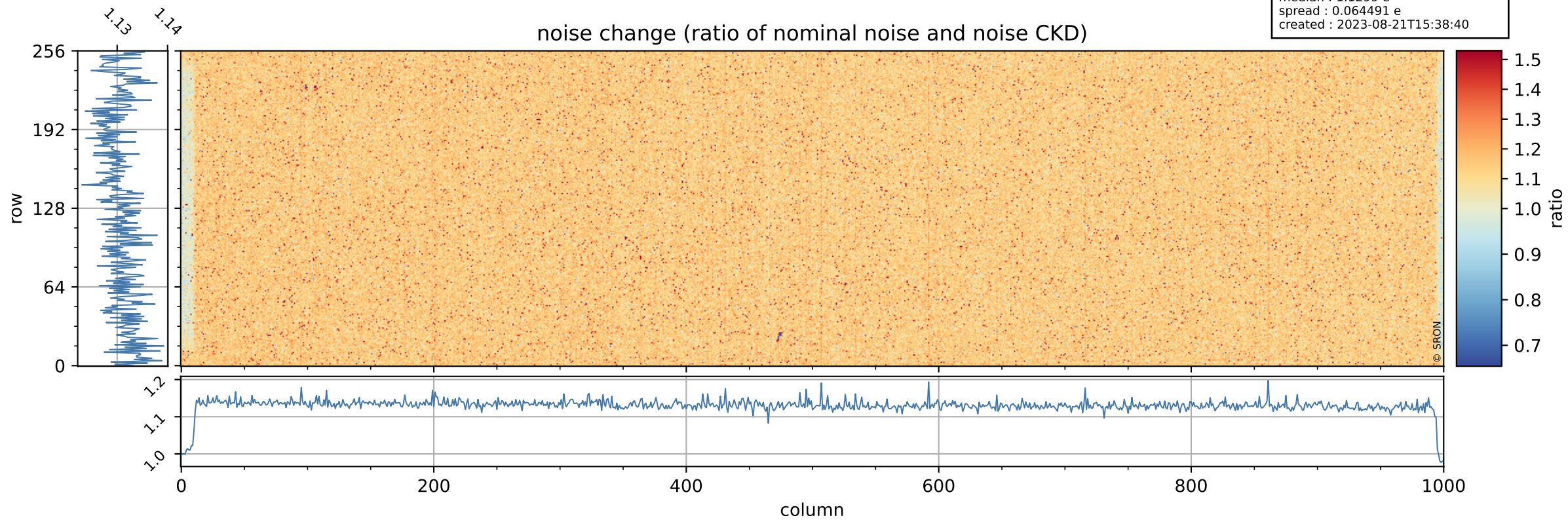
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
median : 1.0029 e
spread : 0.0089725 e
created : 2023-08-21T15:38:40



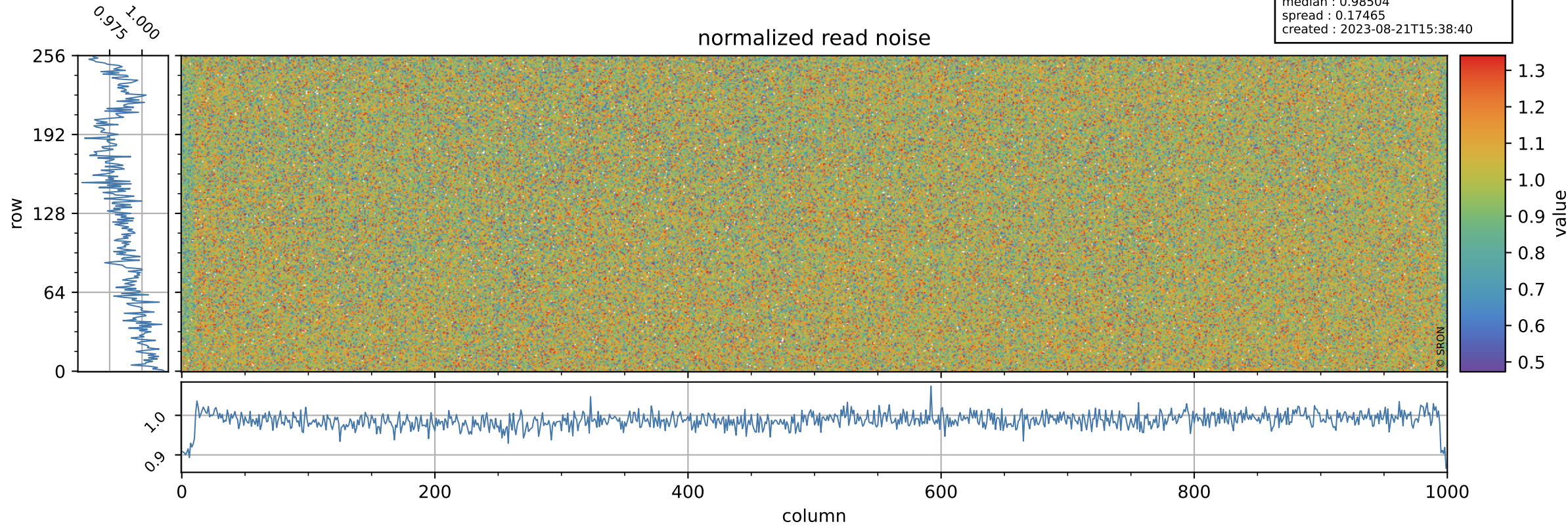
Tropomi SWIR background noise (swir)

orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
median : 1.1299 e
spread : 0.064491 e
created : 2023-08-21T15:38:40



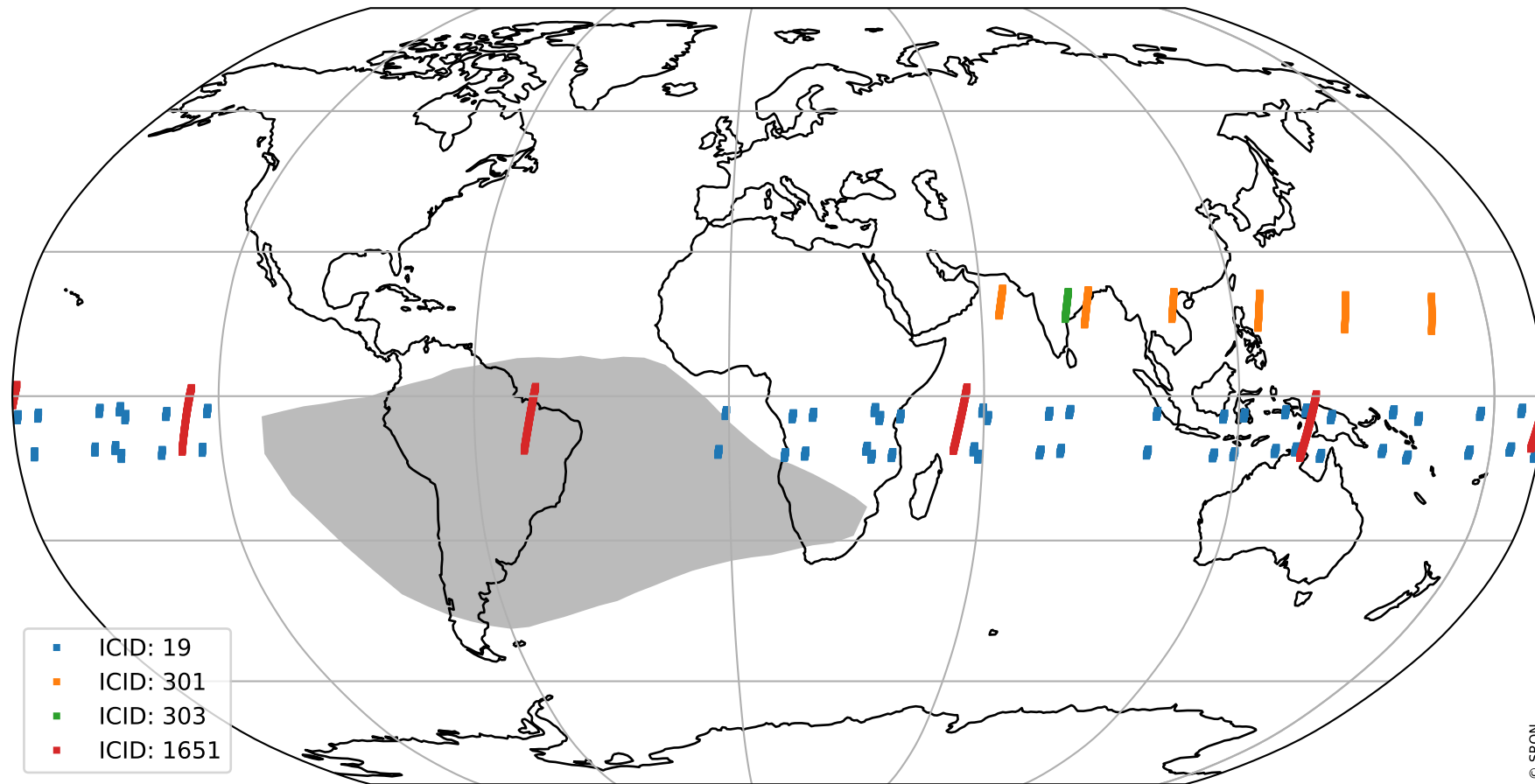
Tropomi SWIR background noise (swir)

orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
median : 0.98504
spread : 0.17465
created : 2023-08-21T15:38:40



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

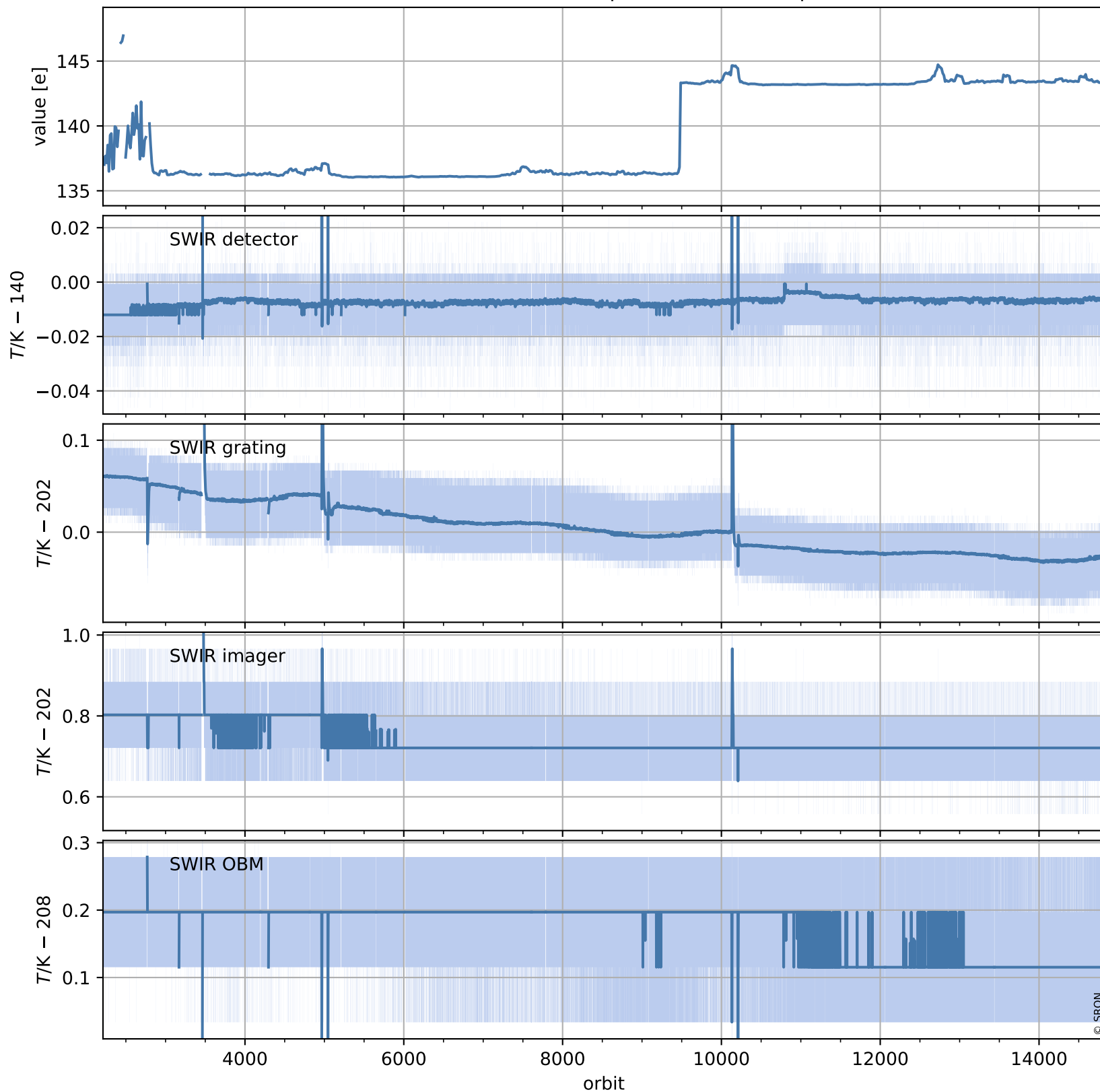
orbits : 12 in [14737, 14827]
coverage : 2020-08-17 / 2020-08-23
created : 2023-08-21T15:38:41



Tropomi SWIR background noise (swir)

orbits : [2212, 14827]
coverage : 2018-03-18 / 2020-08-23
created : 2023-08-21T15:38:41

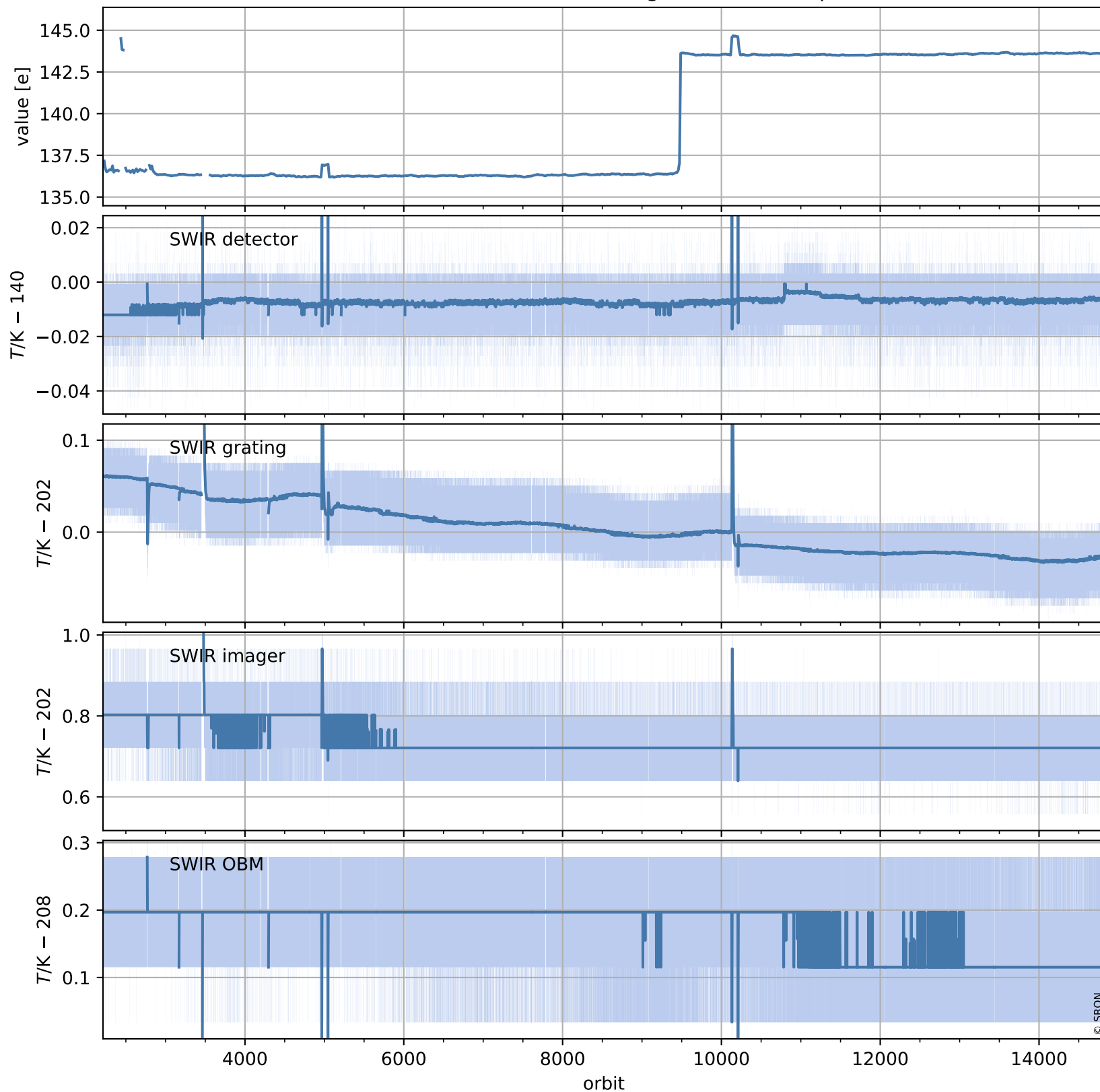
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14827]
coverage : 2018-03-18 / 2020-08-23
created : 2023-08-21T15:38:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14827]
coverage : 2018-03-18 / 2020-08-23
created : 2023-08-21T15:38:42

trend of normalized read-noise & temperatures

