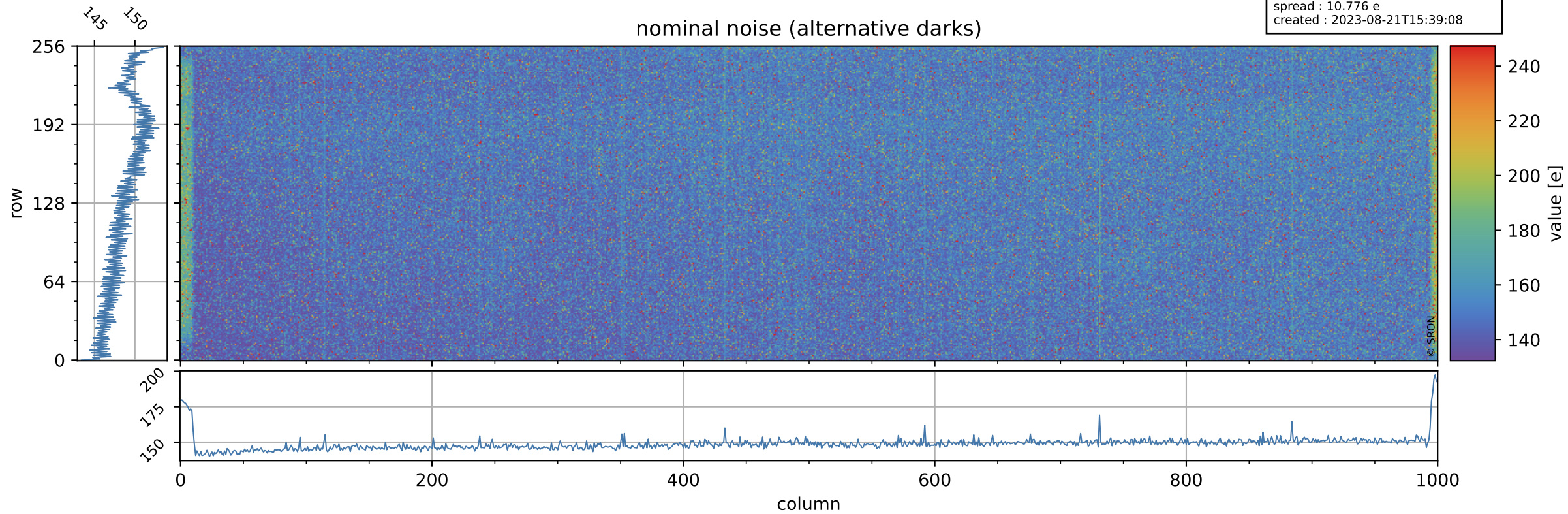


Tropomi SWIR background noise (swir)

orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.776 e
created : 2023-08-21T15:39:08

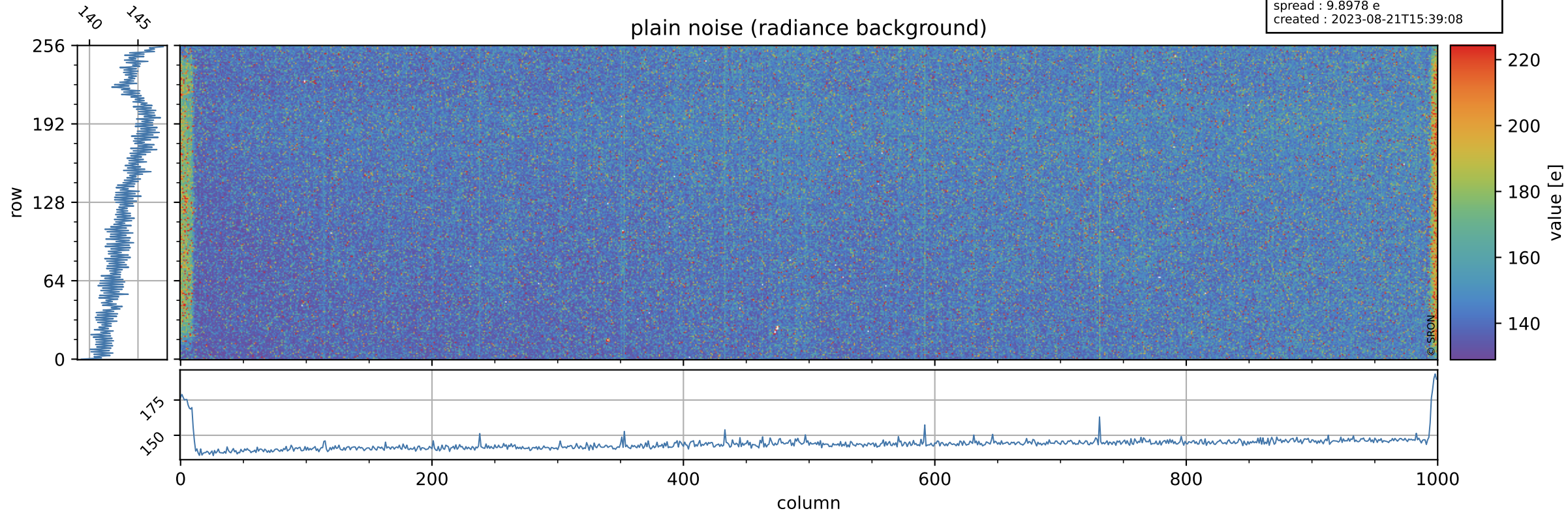
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.8978 e
created : 2023-08-21T15:39:08

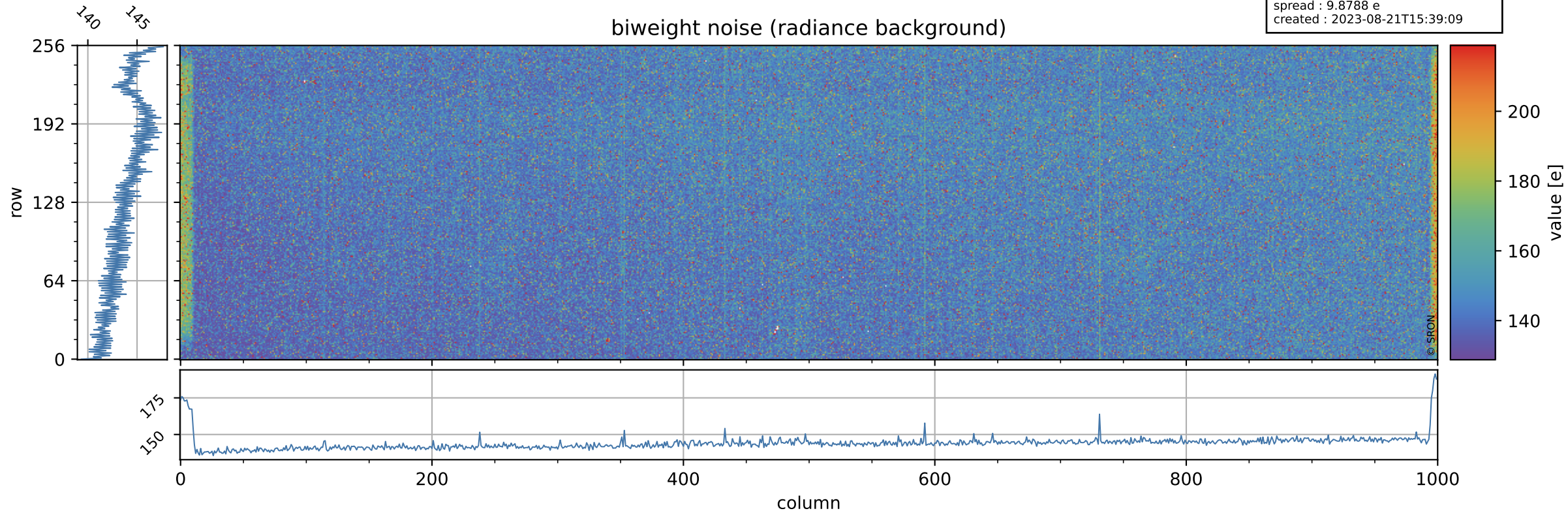
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8788 e
created : 2023-08-21T15:39:09

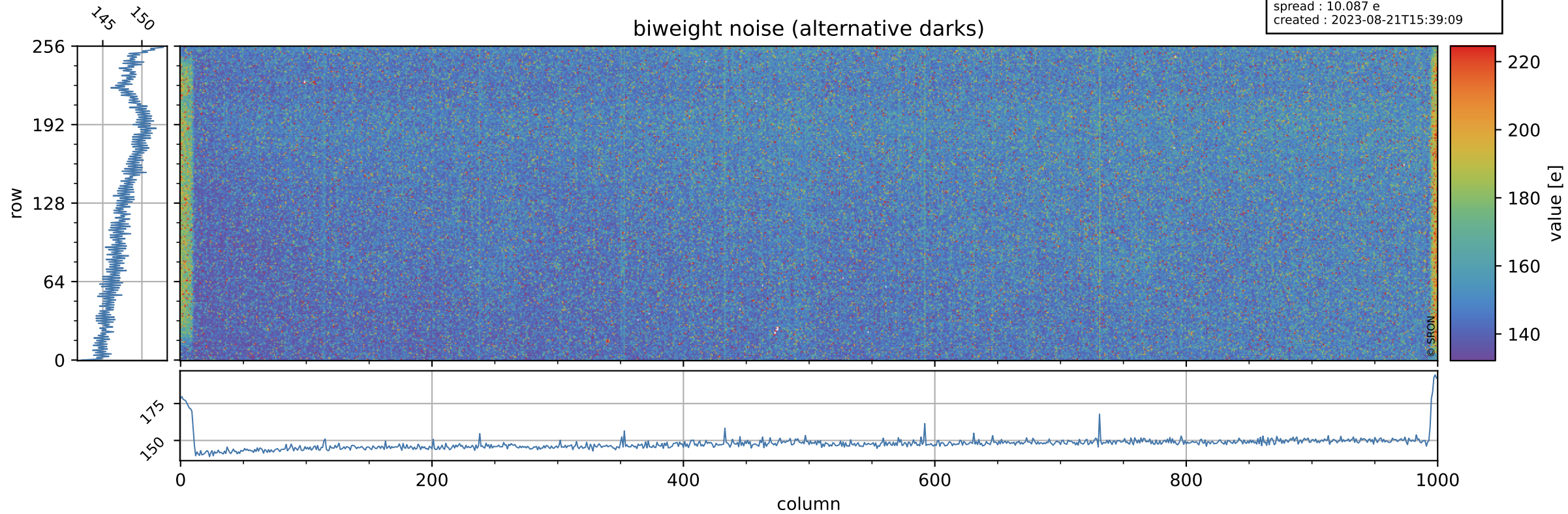
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.087 e
created : 2023-08-21T15:39:09

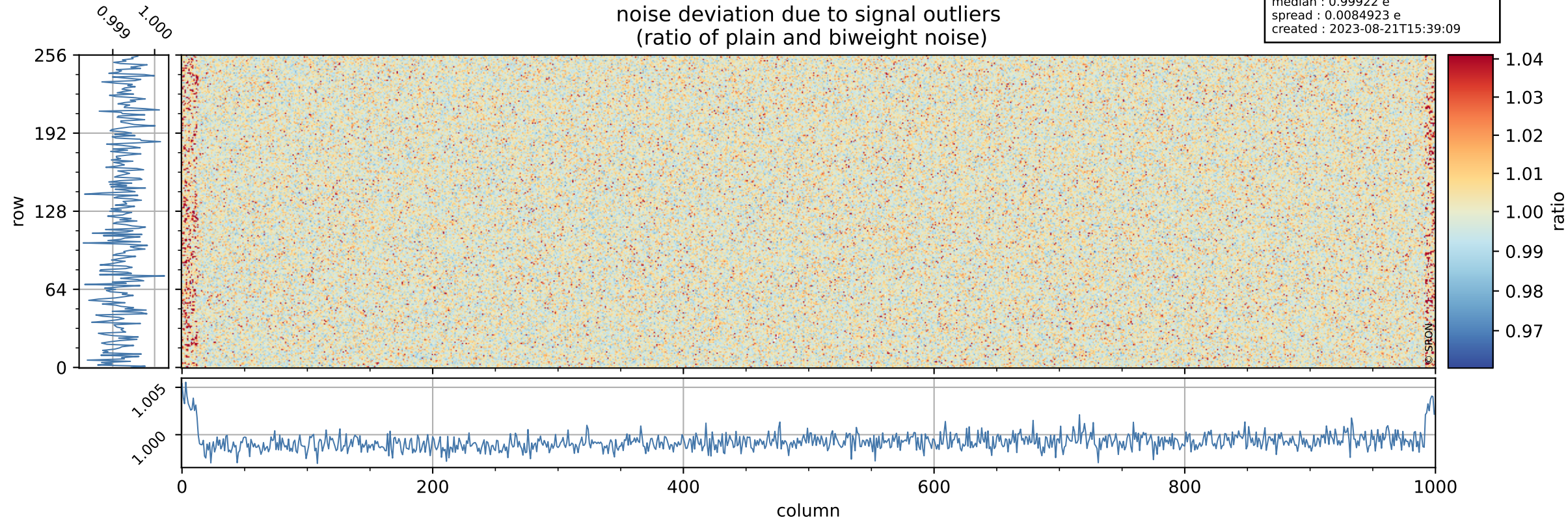
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

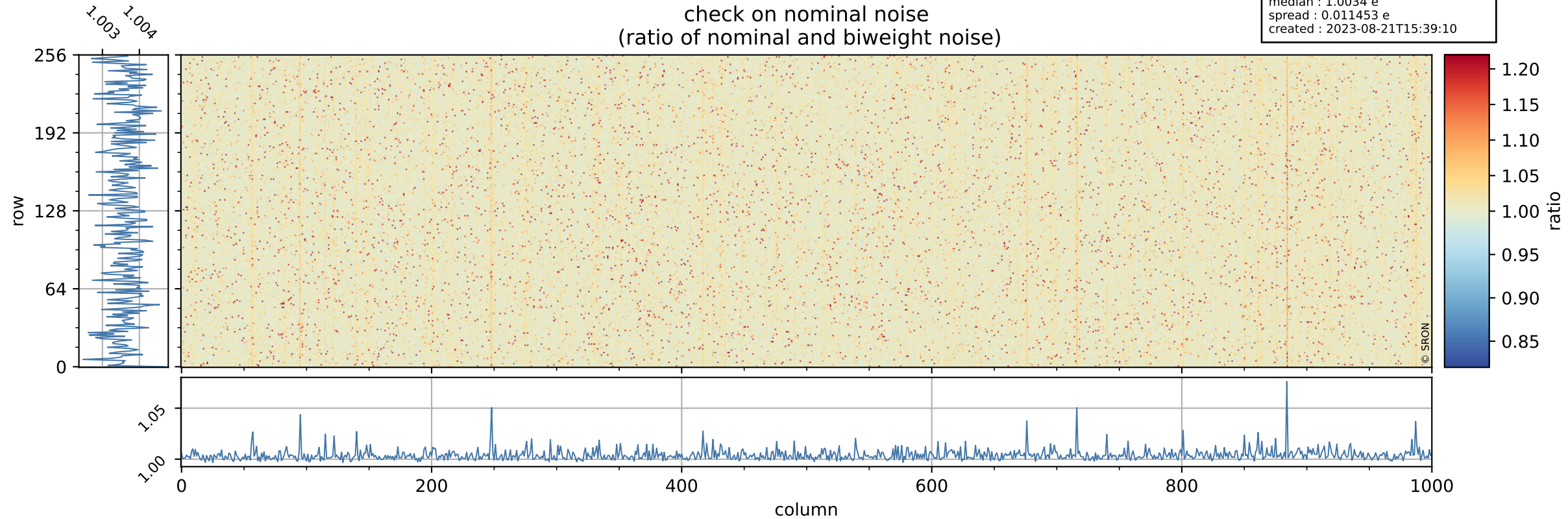
orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
median : 0.99922 e
spread : 0.0084923 e
created : 2023-08-21T15:39:09



Tropomi SWIR background noise (swir)

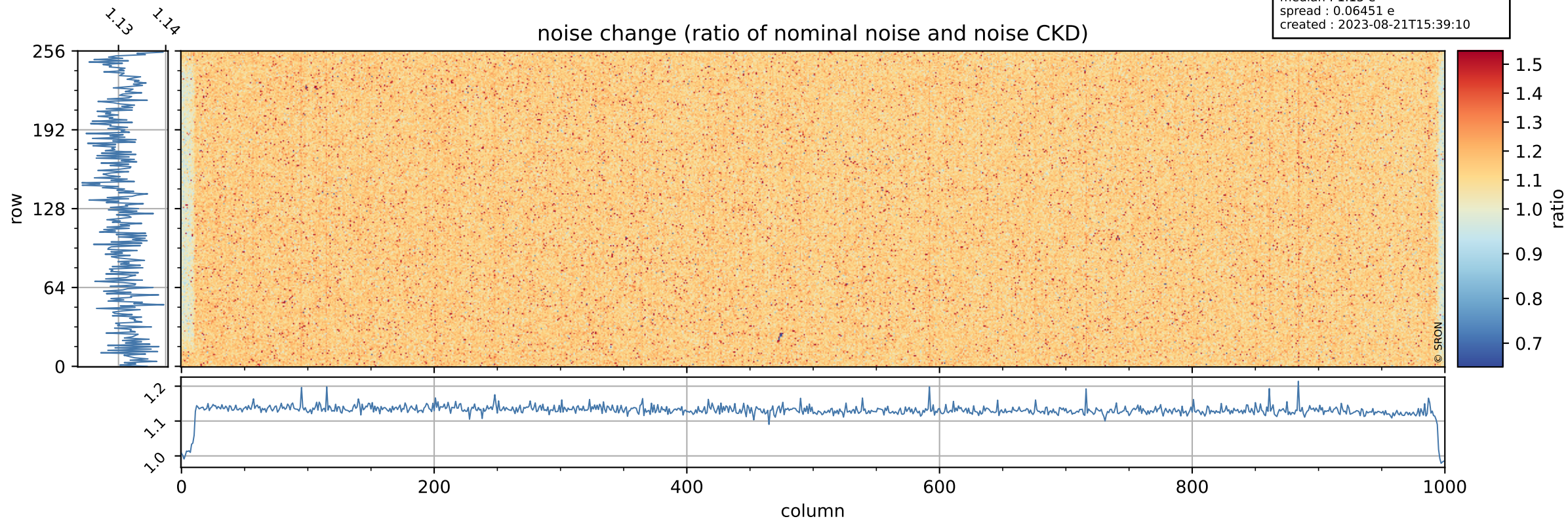
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
median : 1.0034 e
spread : 0.011453 e
created : 2023-08-21T15:39:10



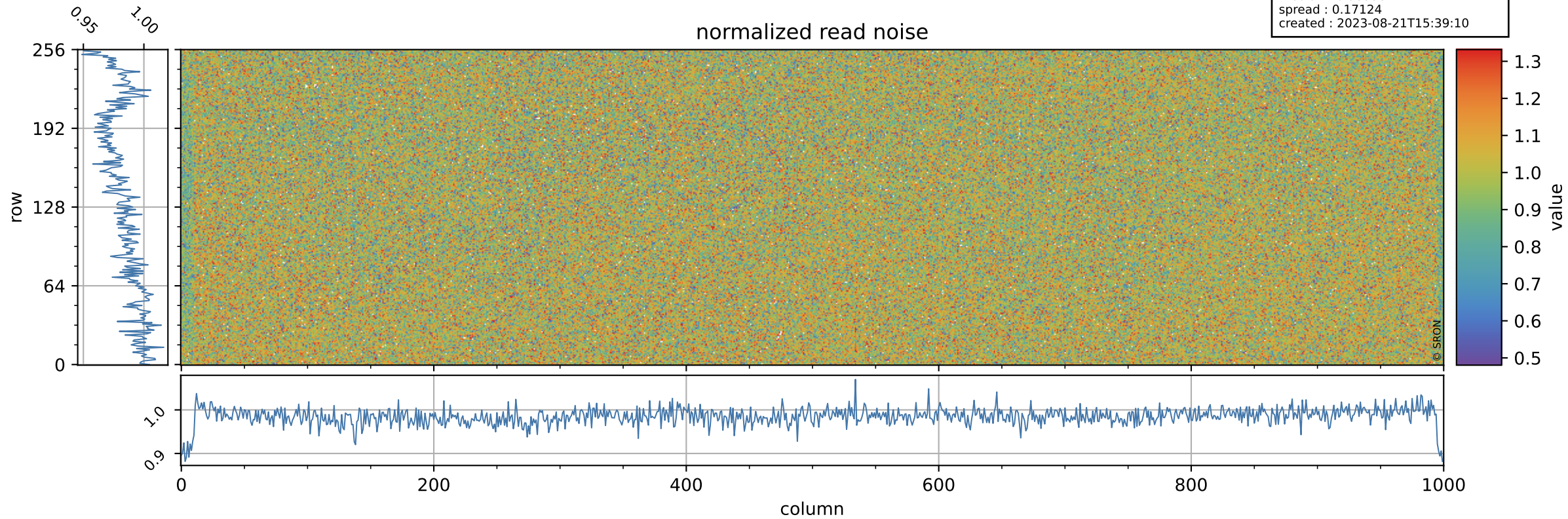
Tropomi SWIR background noise (swir)

orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
median : 1.13 e
spread : 0.06451 e
created : 2023-08-21T15:39:10



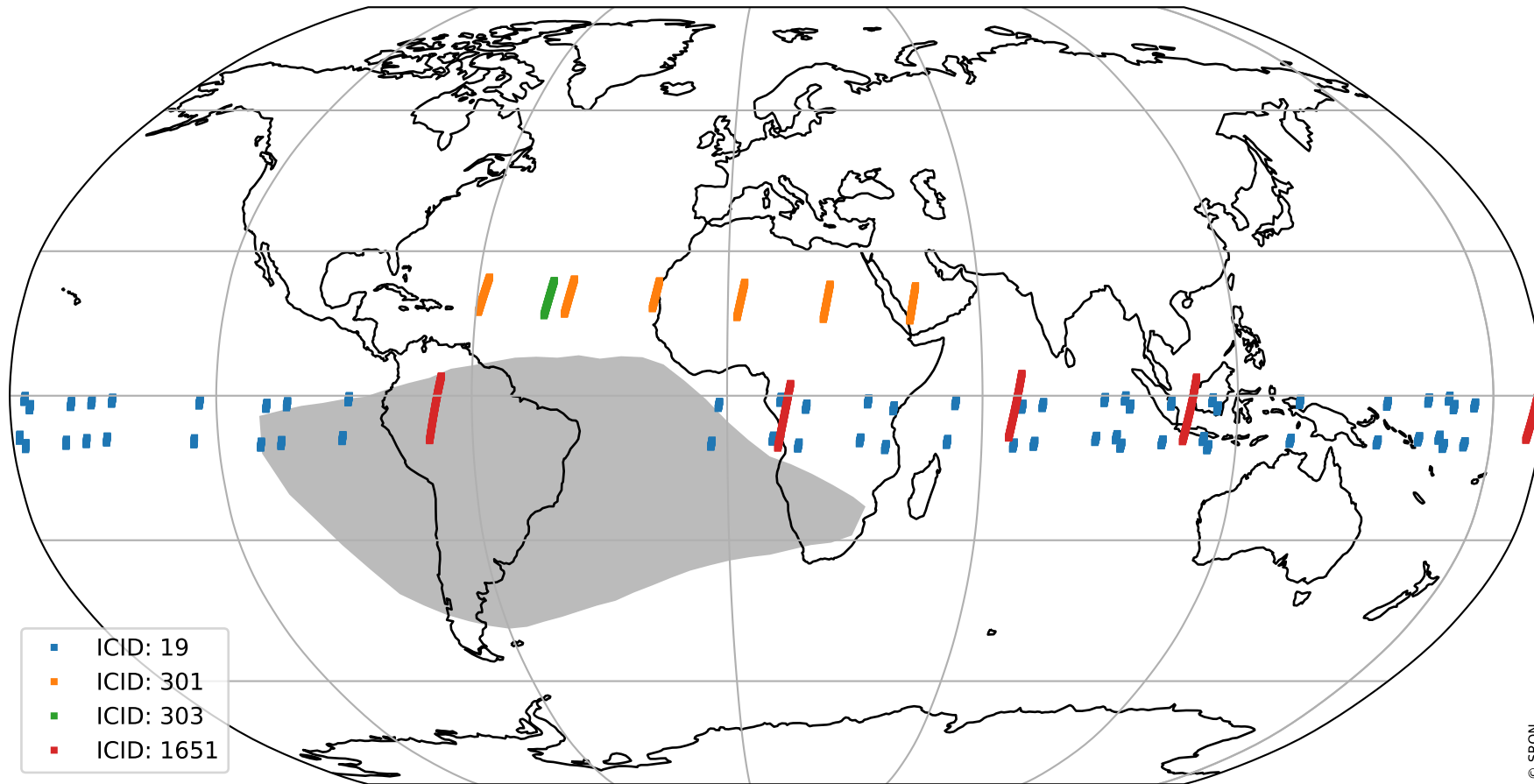
Tropomi SWIR background noise (swir)

orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
median : 0.98358
spread : 0.17124
created : 2023-08-21T15:39:10



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

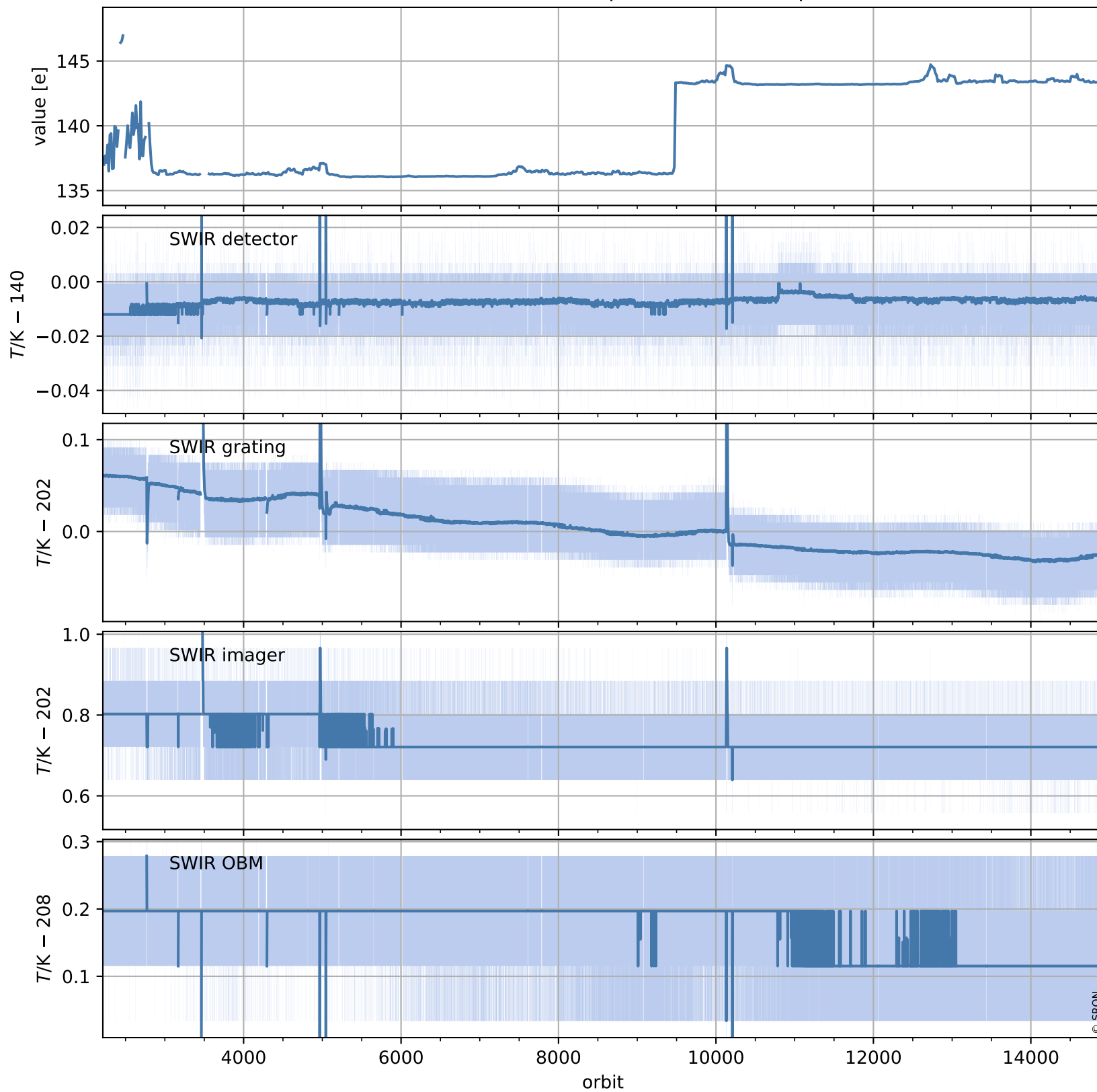
orbits : 12 in [14827, 14917]
coverage : 2020-08-23 / 2020-08-29
created : 2023-08-21T15:39:10



Tropomi SWIR background noise (swir)

orbits : [2212, 14917]
coverage : 2018-03-18 / 2020-08-29
created : 2023-08-21T15:39:11

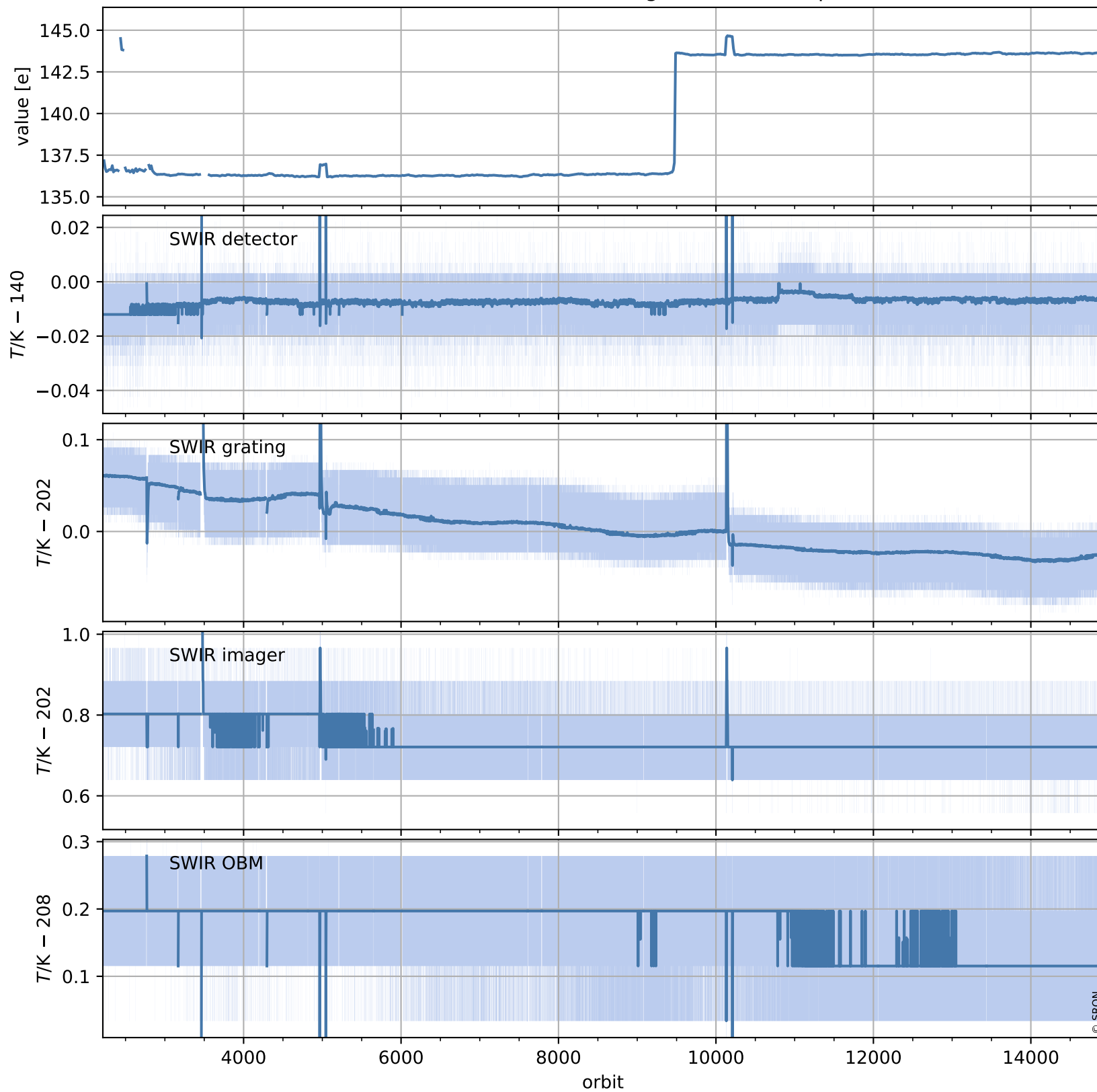
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14917]
coverage : 2018-03-18 / 2020-08-29
created : 2023-08-21T15:39:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14917]
coverage : 2018-03-18 / 2020-08-29
created : 2023-08-21T15:39:12

trend of normalized read-noise & temperatures

