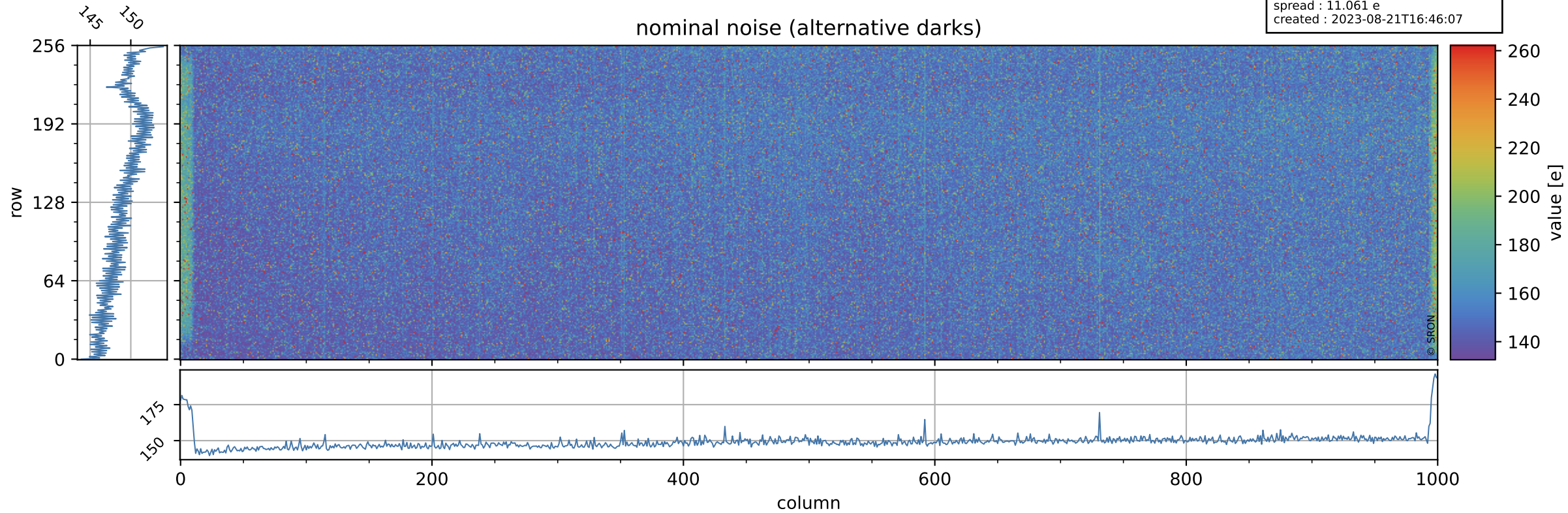


Tropomi SWIR background noise (swir)

orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
n_coad, t_exp : 1, 1.0783
median : 148.91 e
spread : 11.061 e
created : 2023-08-21T16:46:07

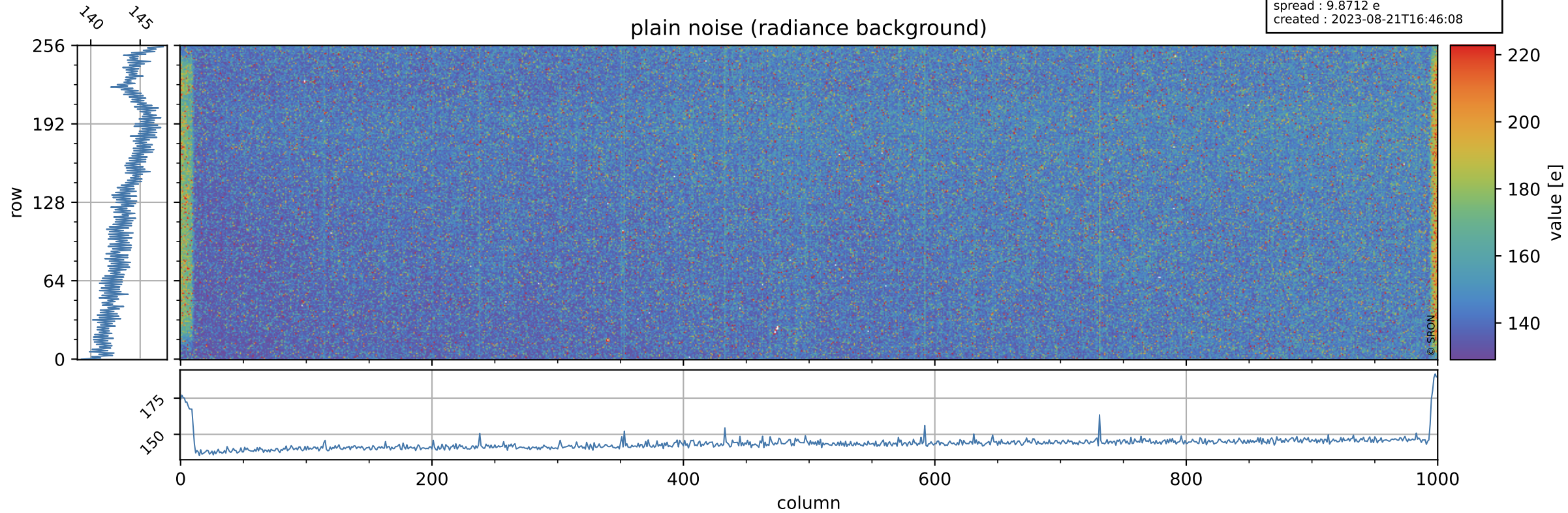
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8712 e
created : 2023-08-21T16:46:08

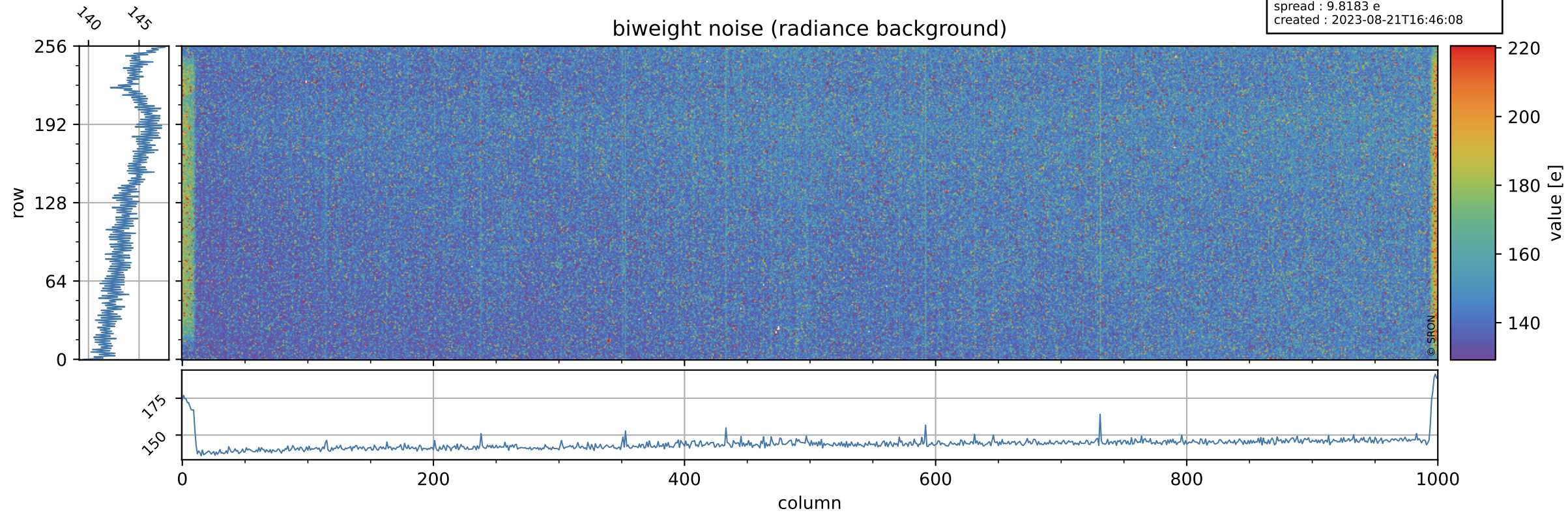
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8183 e
created : 2023-08-21T16:46:08

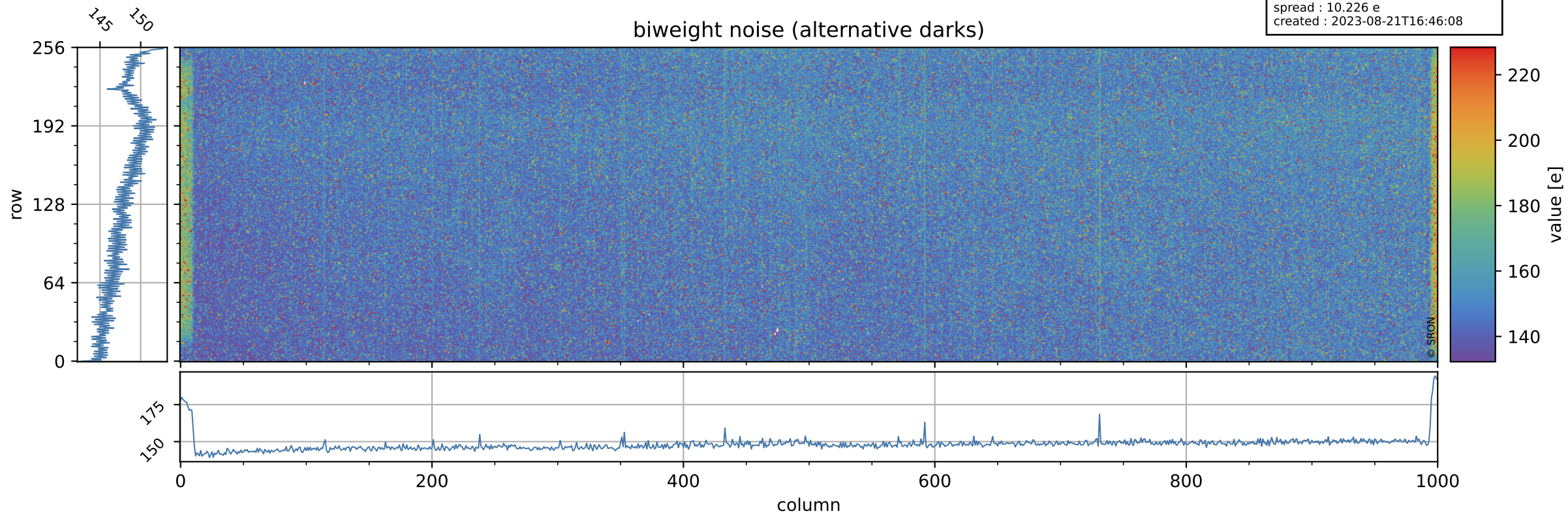
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.226 e
created : 2023-08-21T16:46:08

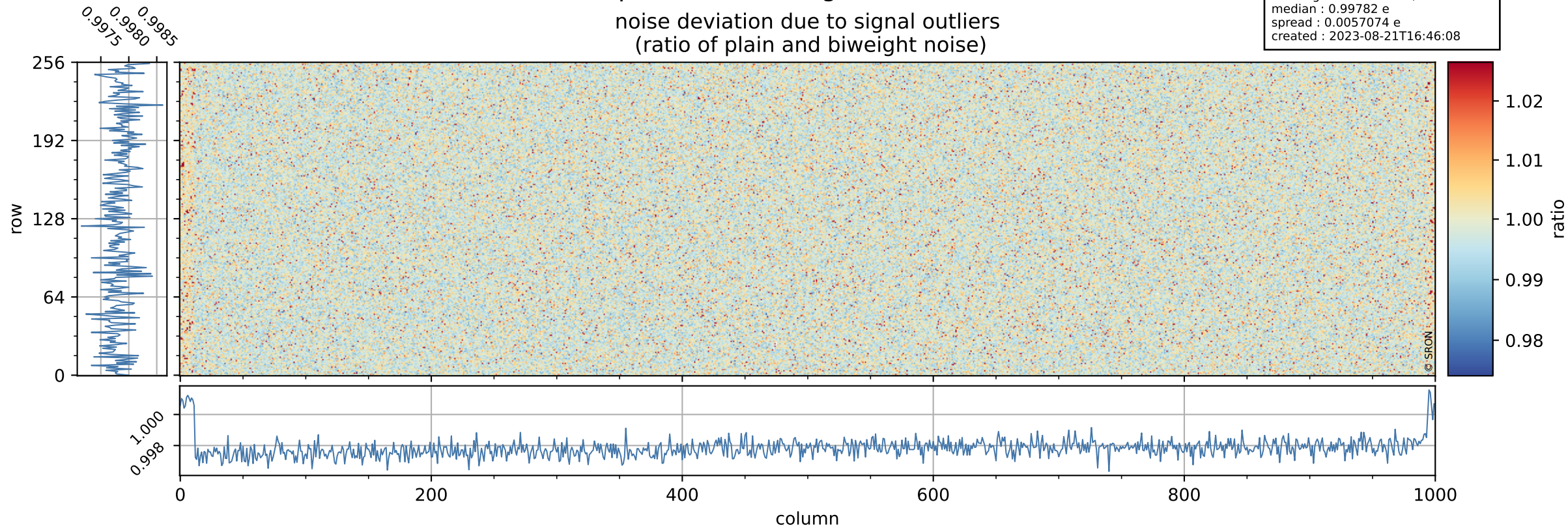
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

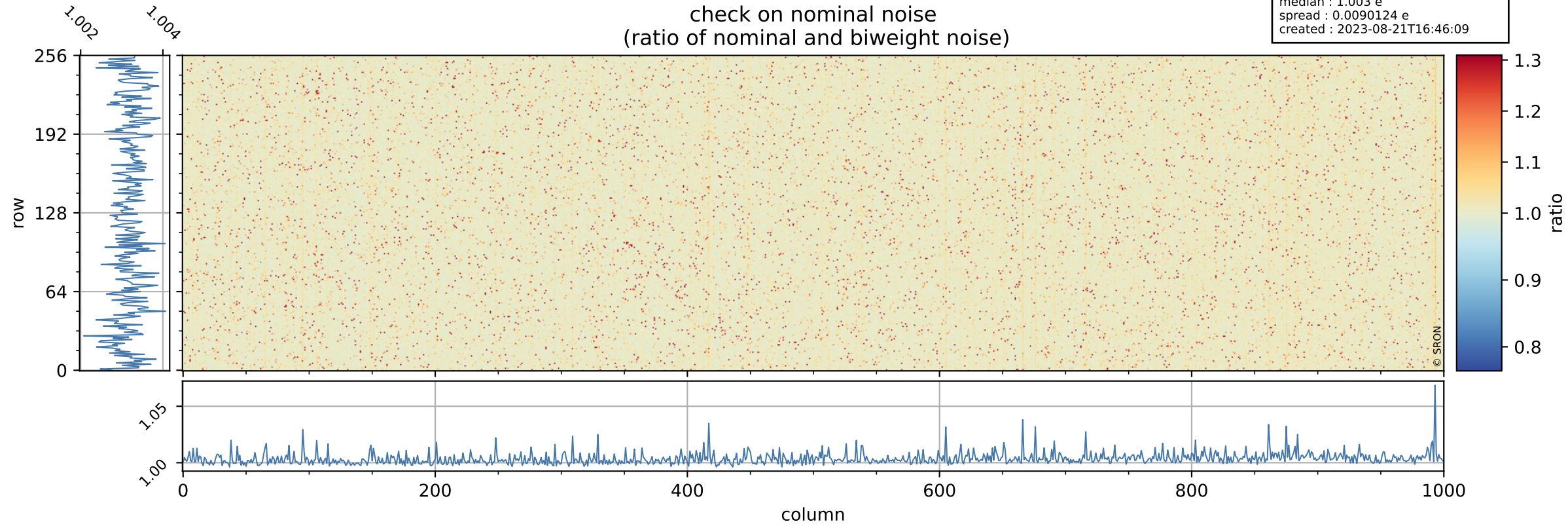
orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
median : 0.99782 e
spread : 0.0057074 e
created : 2023-08-21T16:46:08



Tropomi SWIR background noise (swir)

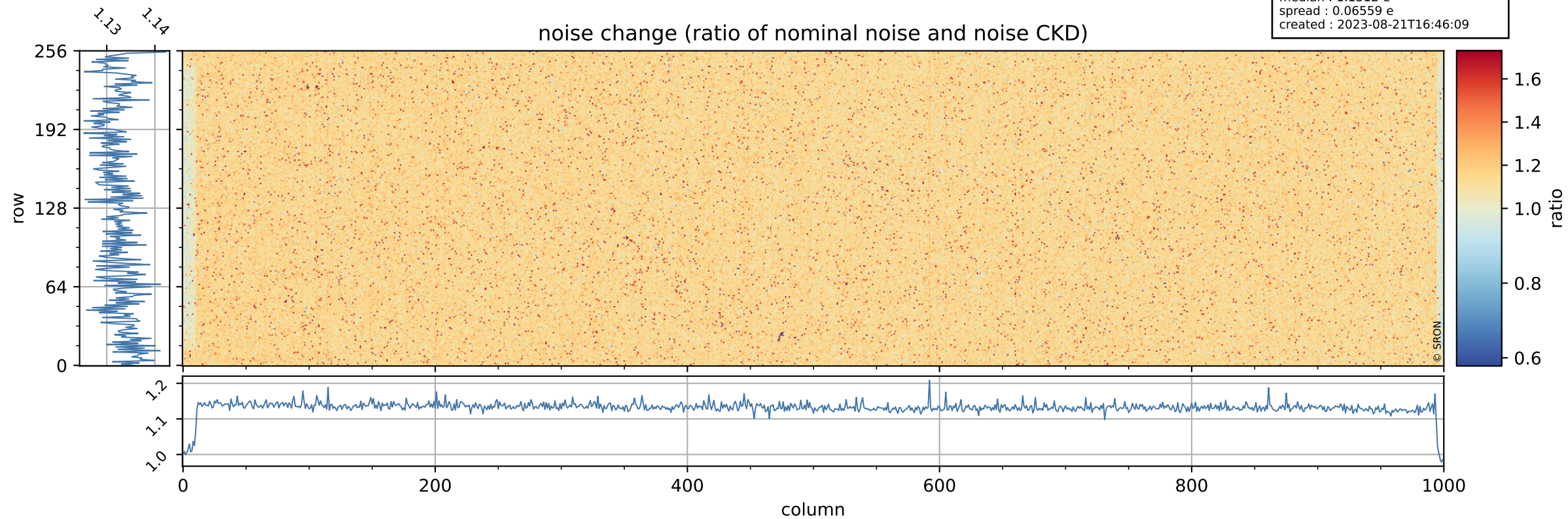
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
median : 1.003 e
spread : 0.0090124 e
created : 2023-08-21T16:46:09



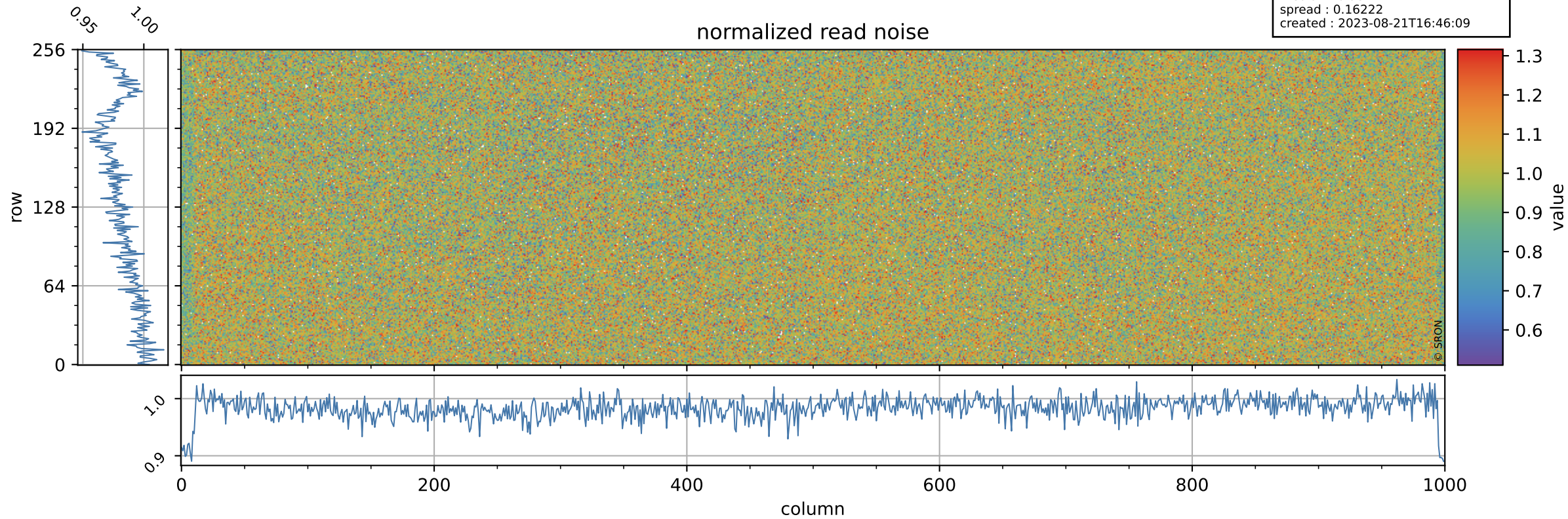
Tropomi SWIR background noise (swir)

orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
median : 1.1312 e
spread : 0.06559 e
created : 2023-08-21T16:46:09



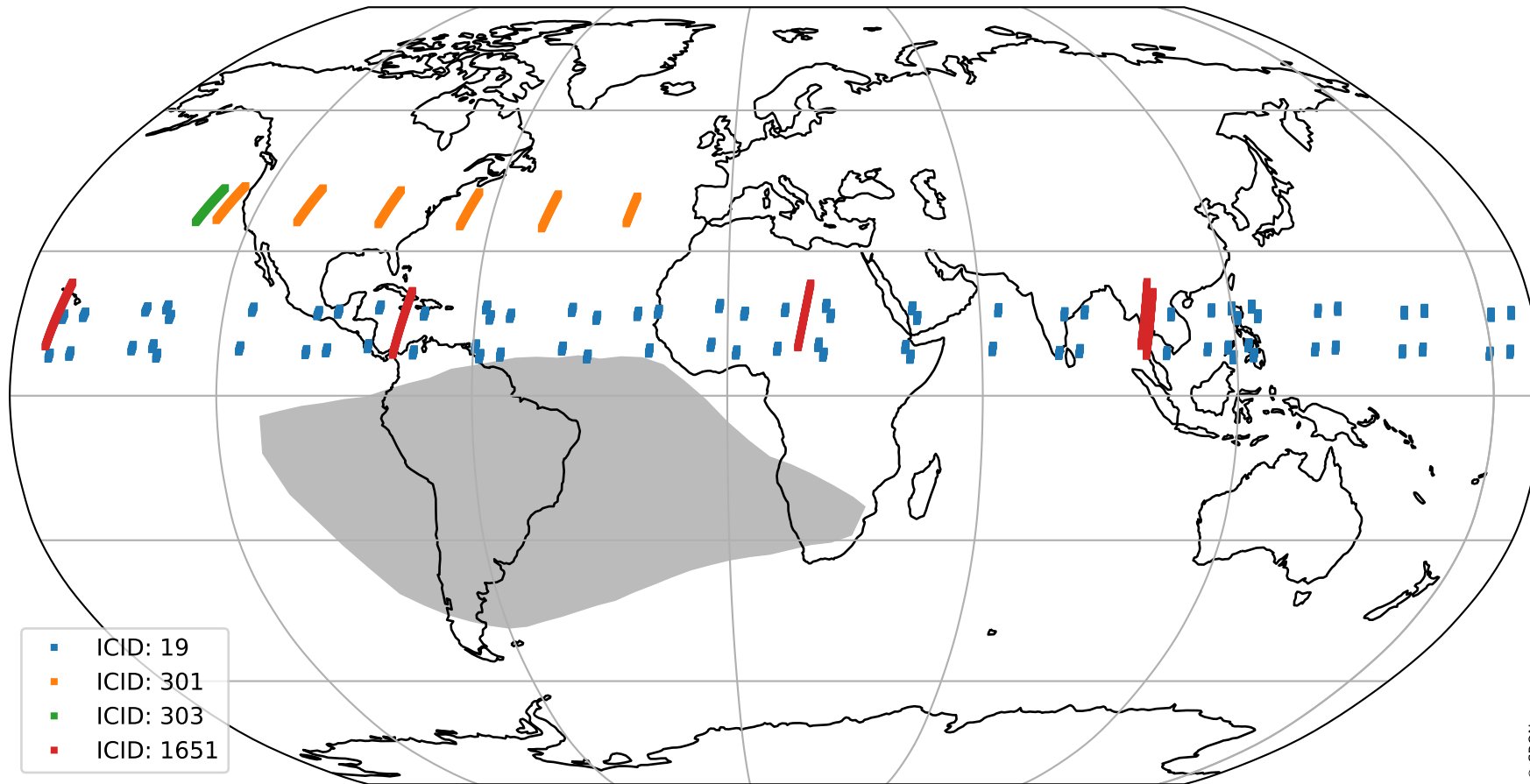
Tropomi SWIR background noise (swir)

orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
median : 0.98171
spread : 0.16222
created : 2023-08-21T16:46:09



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

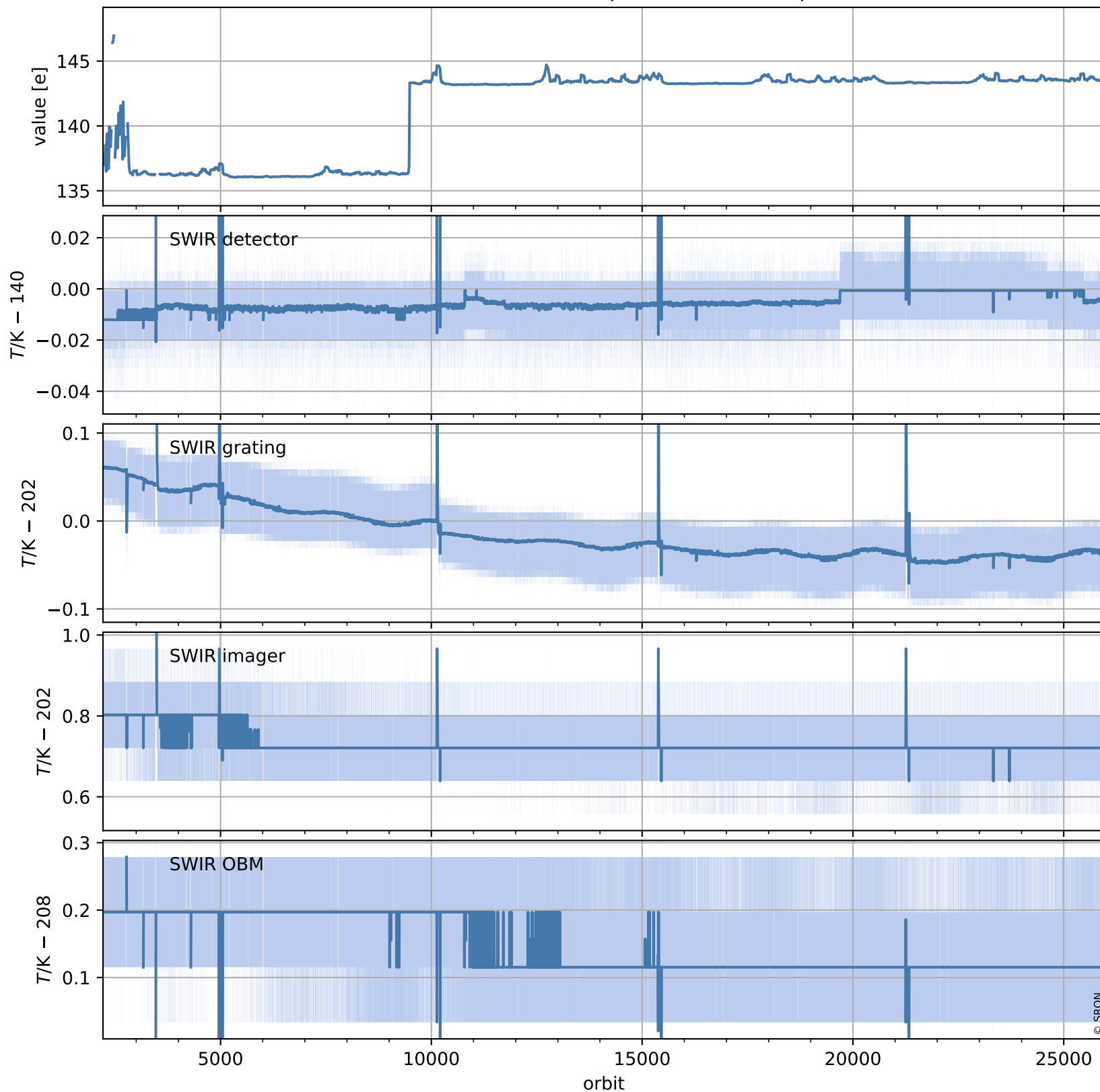
orbits : 12 in [25882, 25972]
coverage : 2022-10-12 / 2022-10-17
created : 2023-08-21T16:46:10



Tropomi SWIR background noise (swir)

orbits : [2212, 25972]
coverage : 2018-03-18 / 2022-10-17
created : 2023-08-21T16:46:10

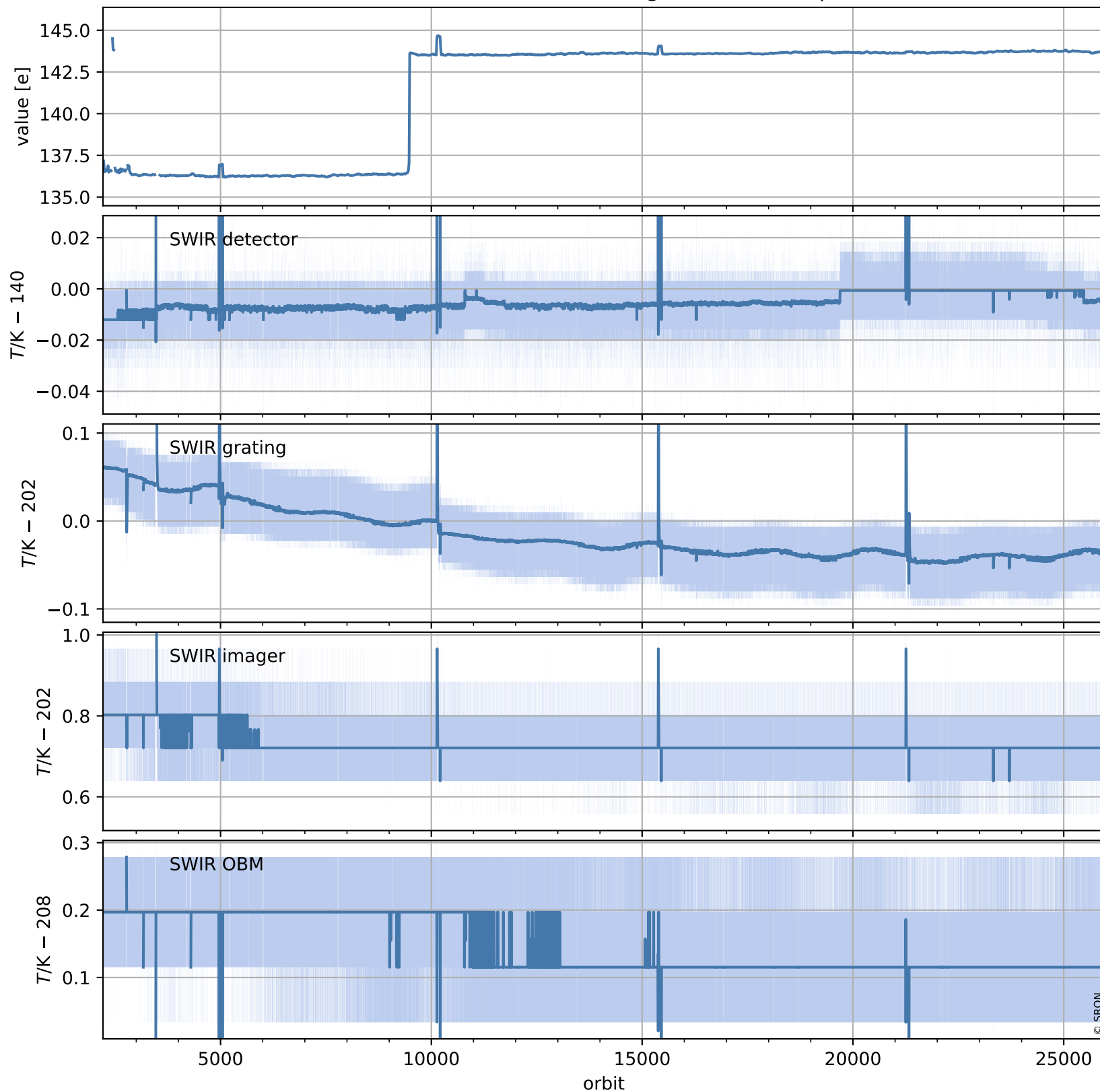
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25972]
coverage : 2018-03-18 / 2022-10-17
created : 2023-08-21T16:46:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25972]
coverage : 2018-03-18 / 2022-10-17
created : 2023-08-21T16:46:12

trend of normalized read-noise & temperatures

