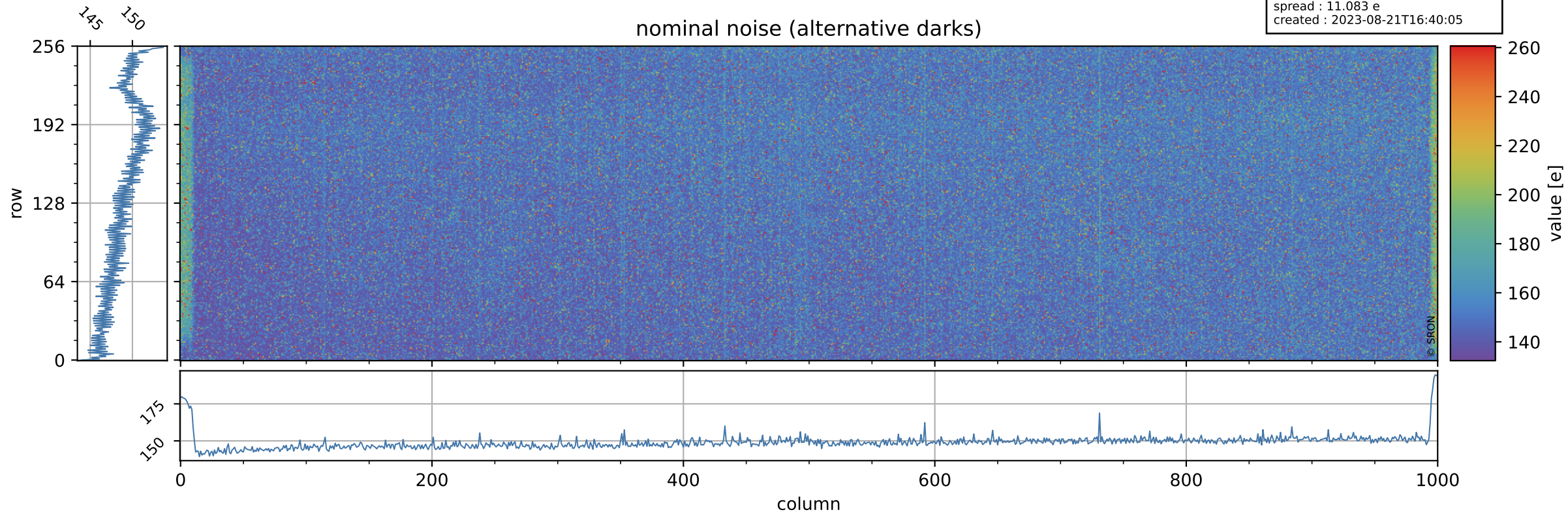


Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.083 e
created : 2023-08-21T16:40:05

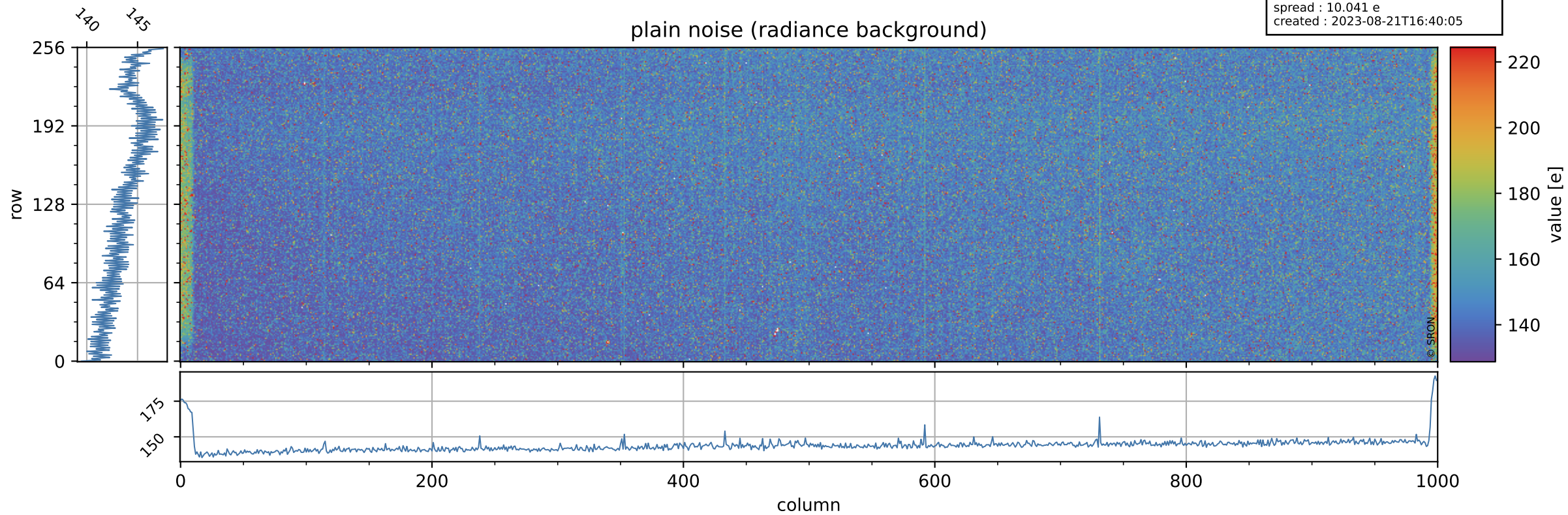
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 10.041 e
created : 2023-08-21T16:40:05

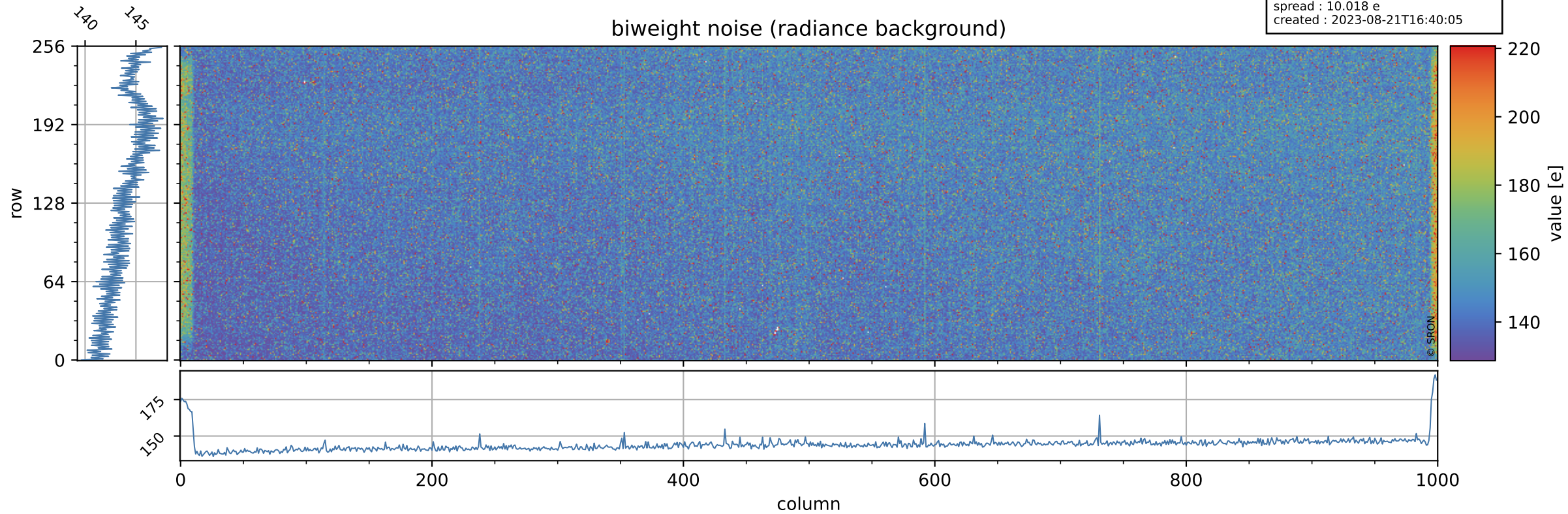
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 10.018 e
created : 2023-08-21T16:40:05

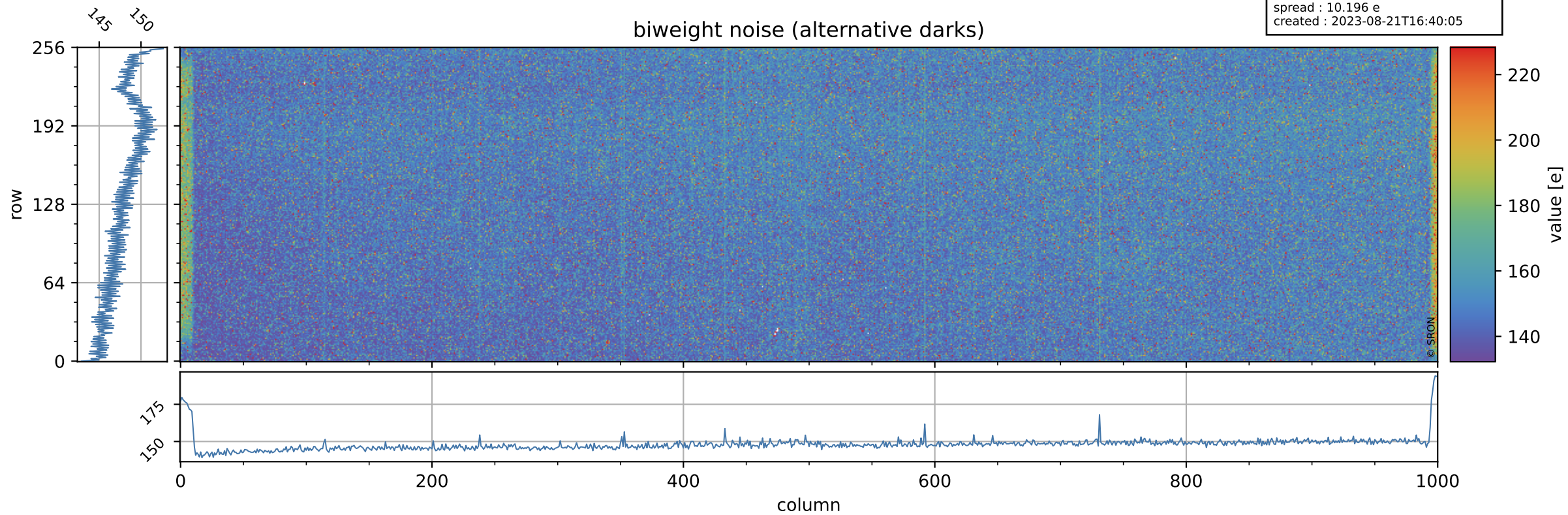
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.196 e
created : 2023-08-21T16:40:05

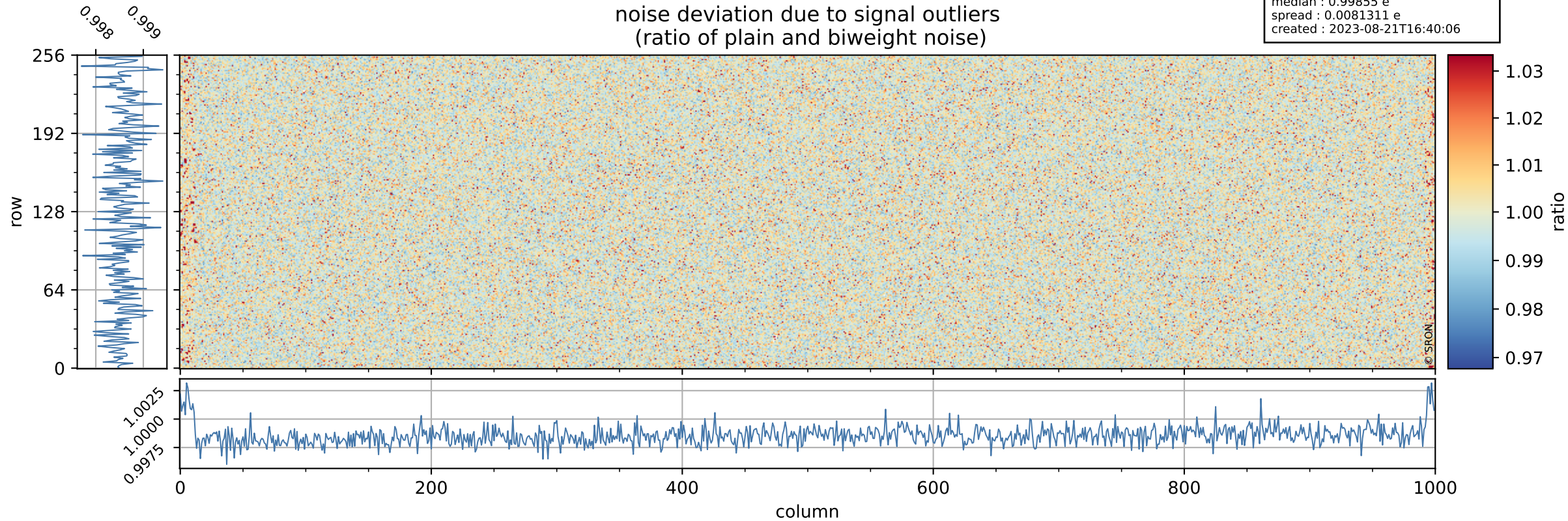
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

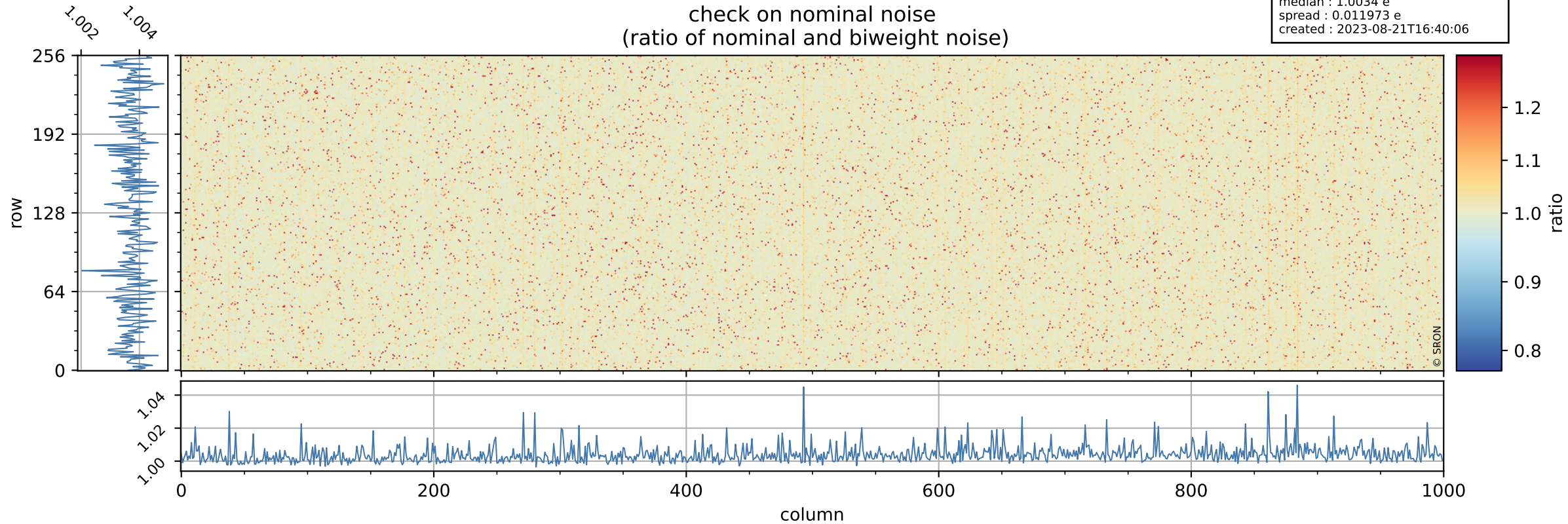
orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
median : 0.99855 e
spread : 0.0081311 e
created : 2023-08-21T16:40:06



Tropomi SWIR background noise (swir)

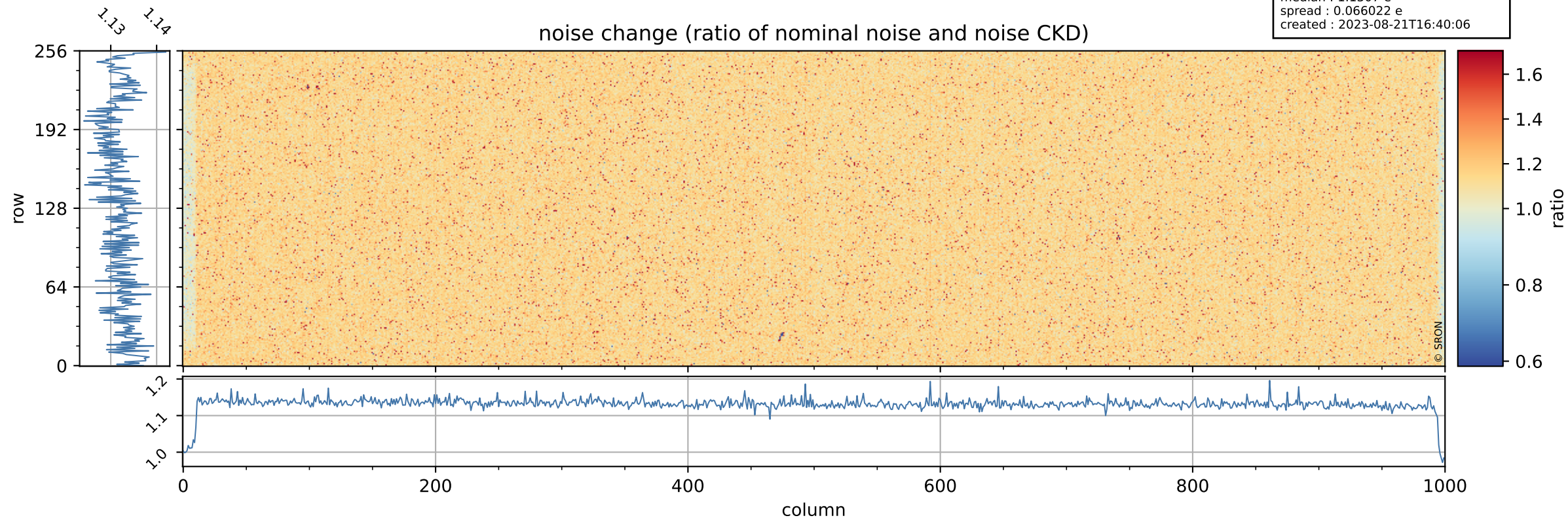
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
median : 1.0034 e
spread : 0.011973 e
created : 2023-08-21T16:40:06



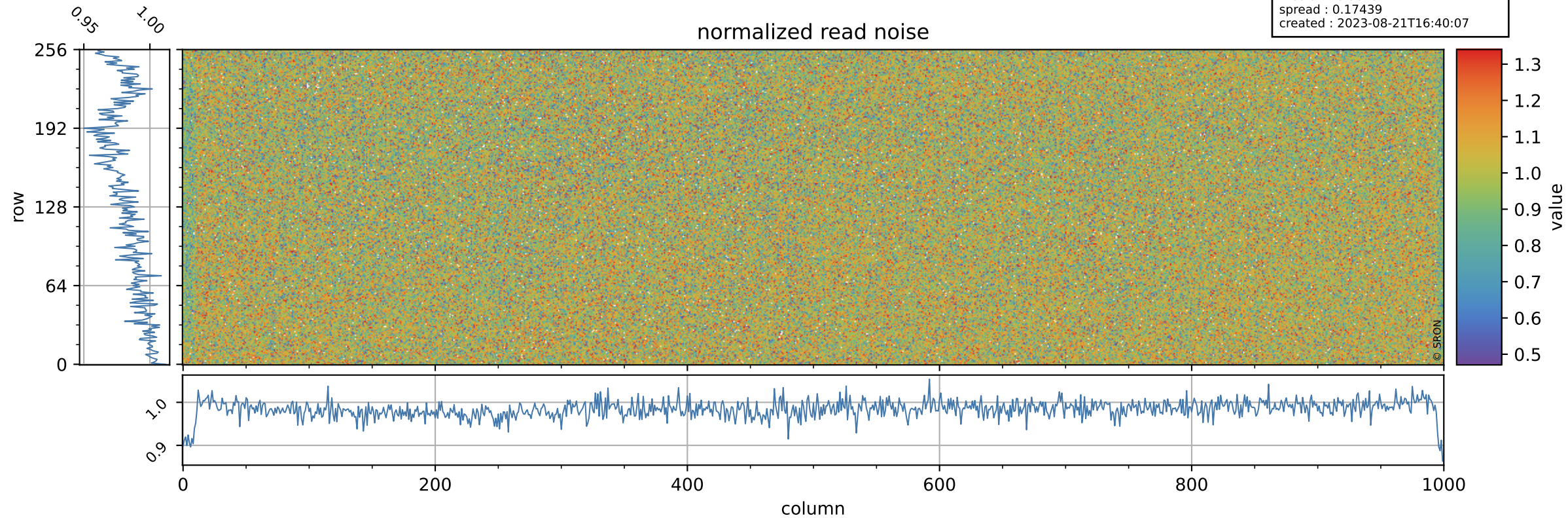
Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
median : 1.1307 e
spread : 0.066022 e
created : 2023-08-21T16:40:06



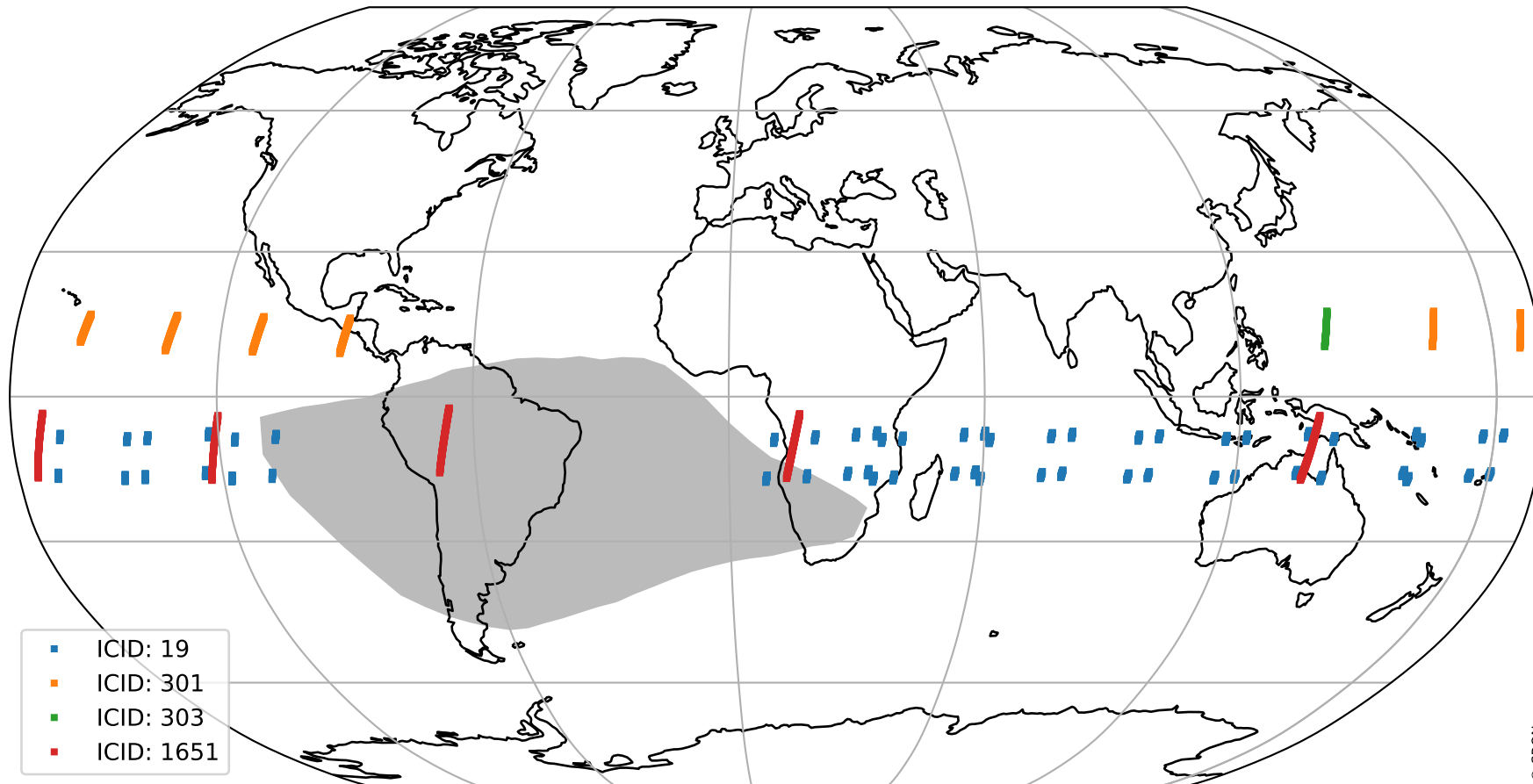
Tropomi SWIR background noise (swir)

orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
median : 0.98231
spread : 0.17439
created : 2023-08-21T16:40:07



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

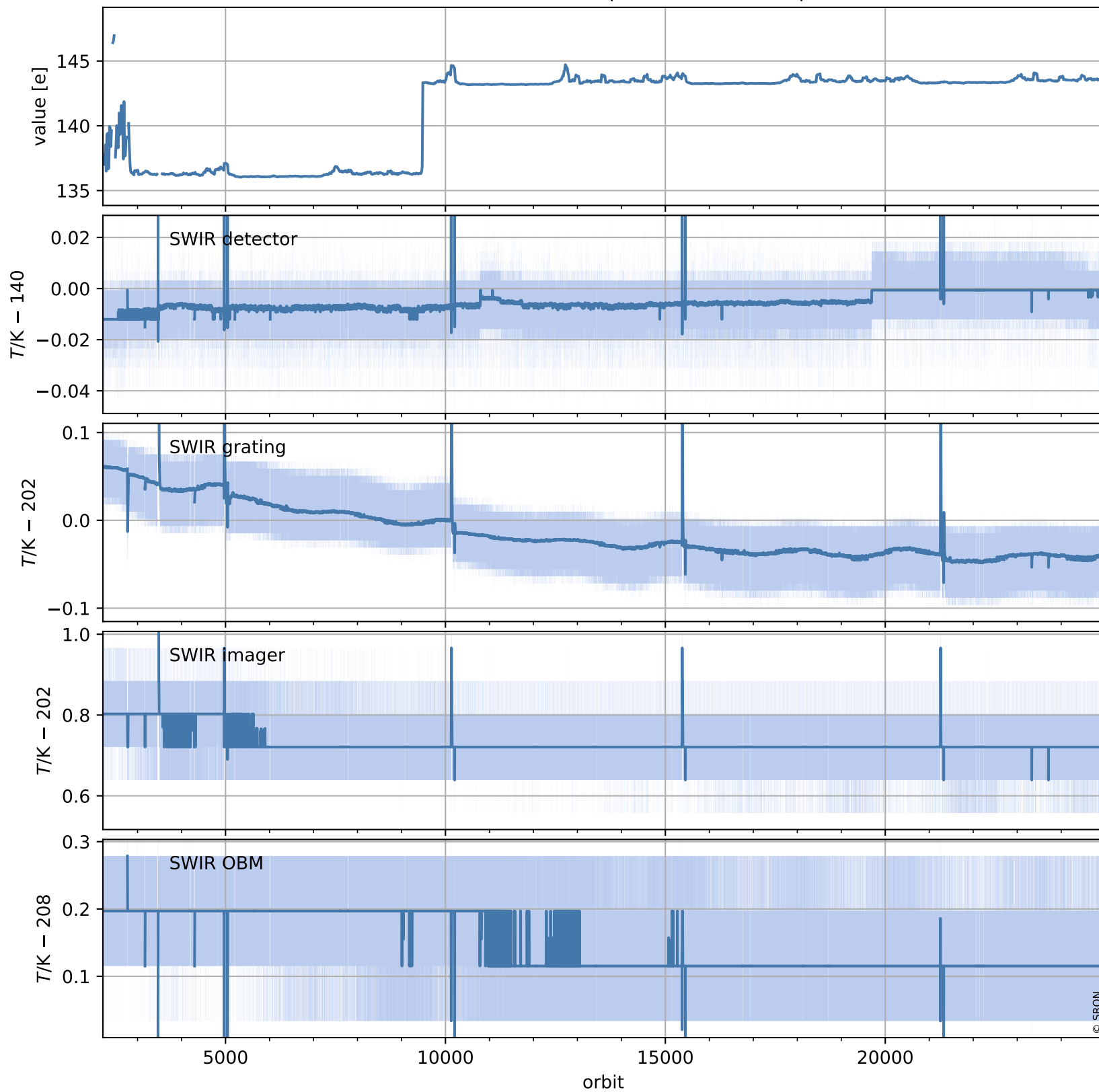
orbits : 12 in [24877, 24967]
coverage : 2022-08-02 / 2022-08-08
created : 2023-08-21T16:40:07



Tropomi SWIR background noise (swir)

orbits : [2212, 24967]
coverage : 2018-03-18 / 2022-08-08
created : 2023-08-21T16:40:07

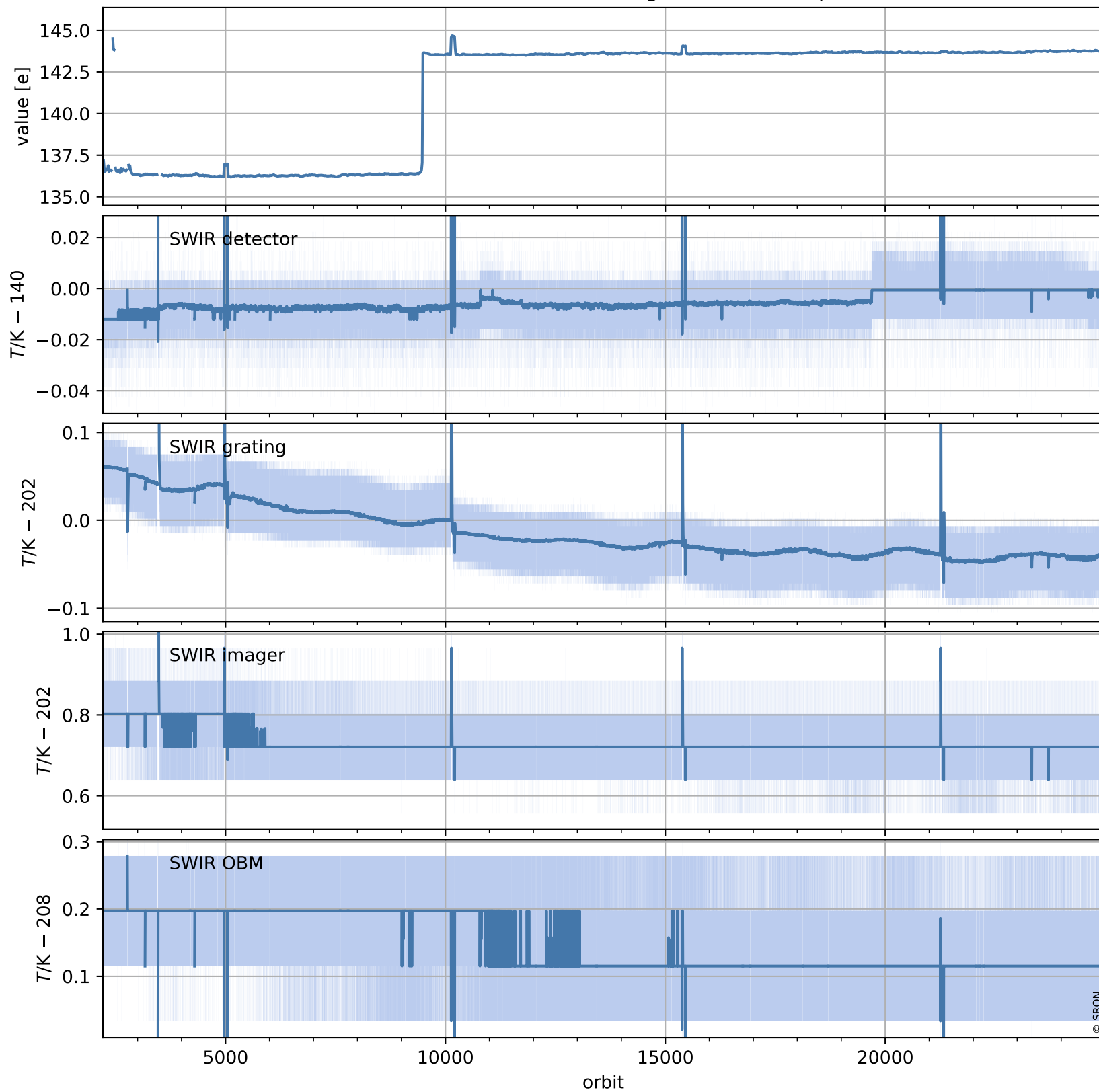
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24967]
coverage : 2018-03-18 / 2022-08-08
created : 2023-08-21T16:40:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24967]
coverage : 2018-03-18 / 2022-08-08
created : 2023-08-21T16:40:09

trend of normalized read-noise & temperatures

