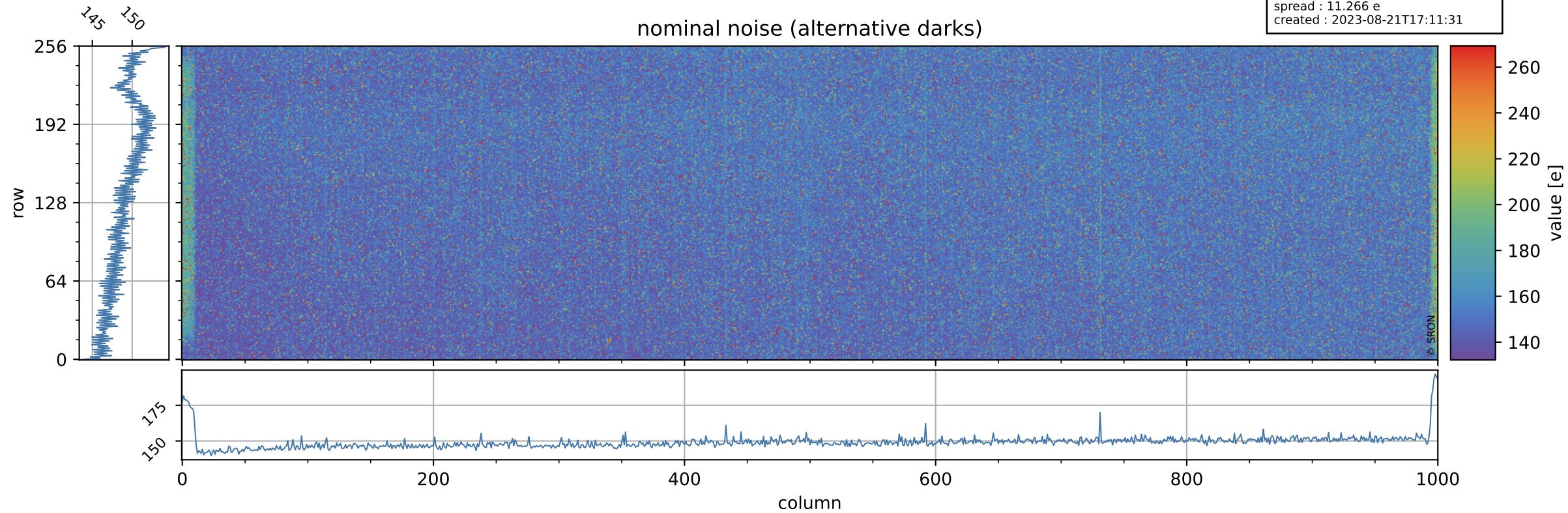


Tropomi SWIR background noise (swir)

orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
n_coad, t_exp : 1, 1.0783
median : 148.94 e
spread : 11.266 e
created : 2023-08-21T17:11:31

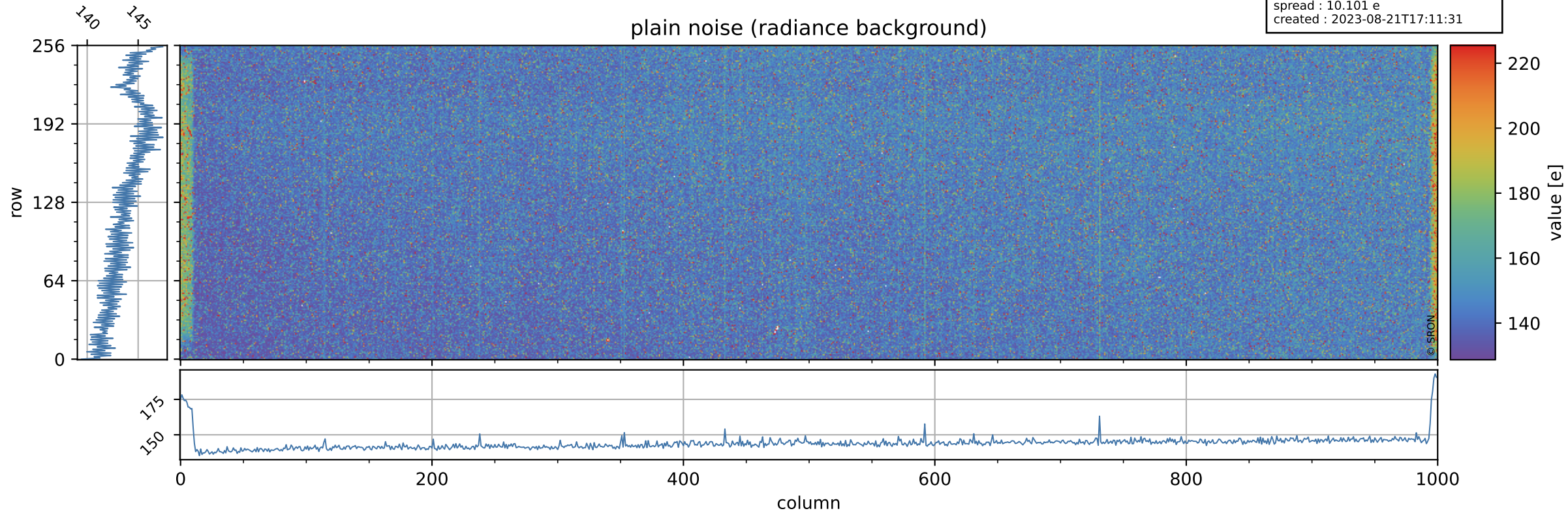
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 10.101 e
created : 2023-08-21T17:11:31

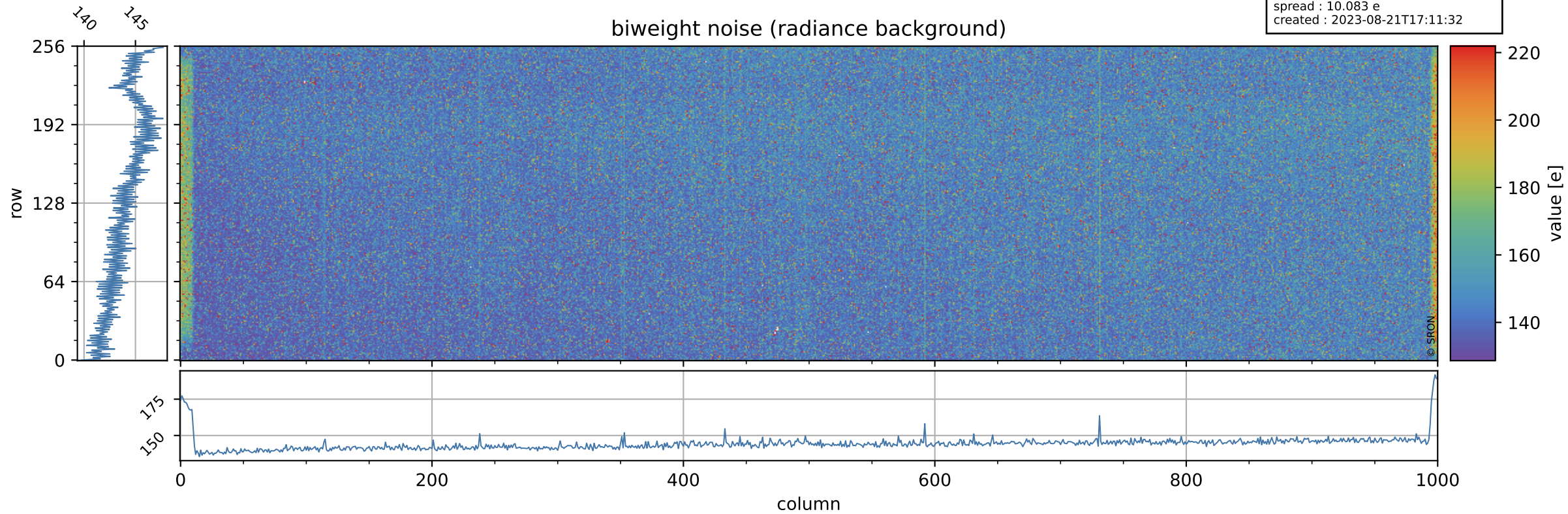
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 10.083 e
created : 2023-08-21T17:11:32

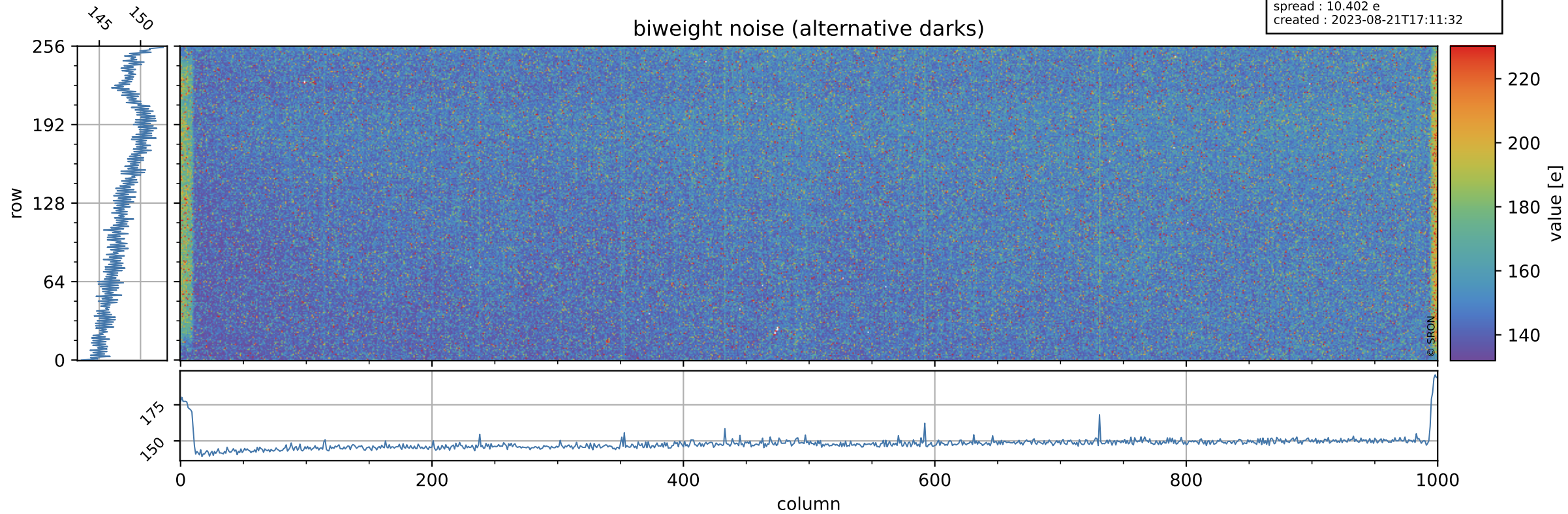
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
n_coad, t_exp : 1, 1.0783
median : 147.9 e
spread : 10.402 e
created : 2023-08-21T17:11:32

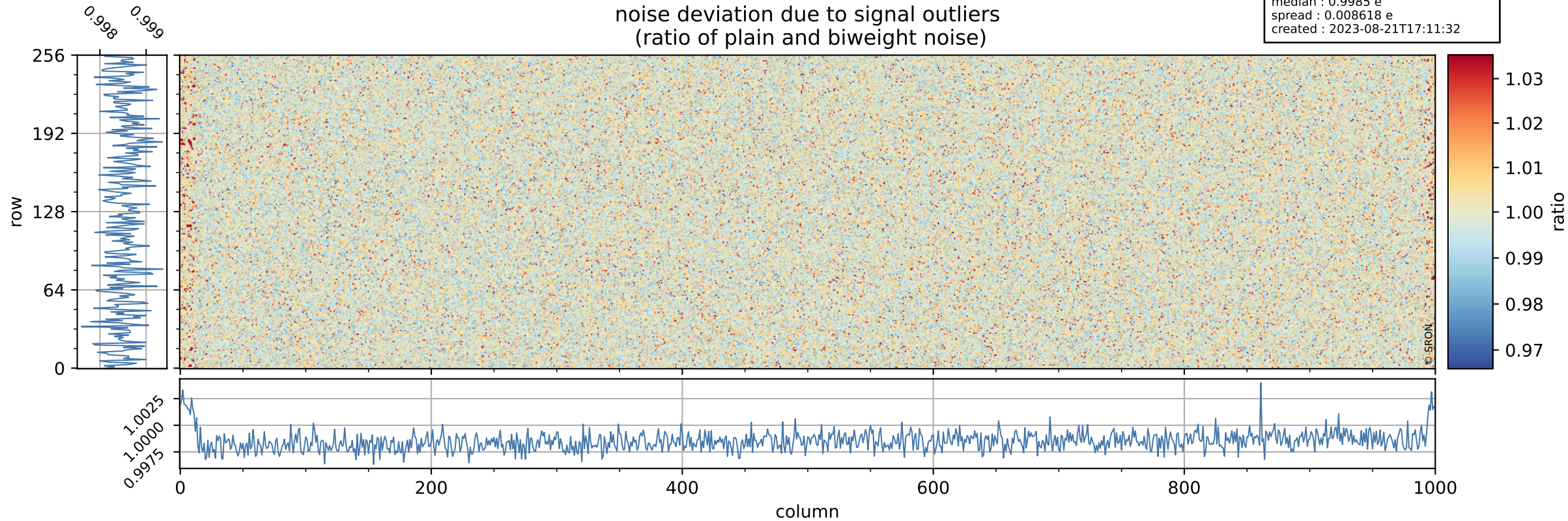
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

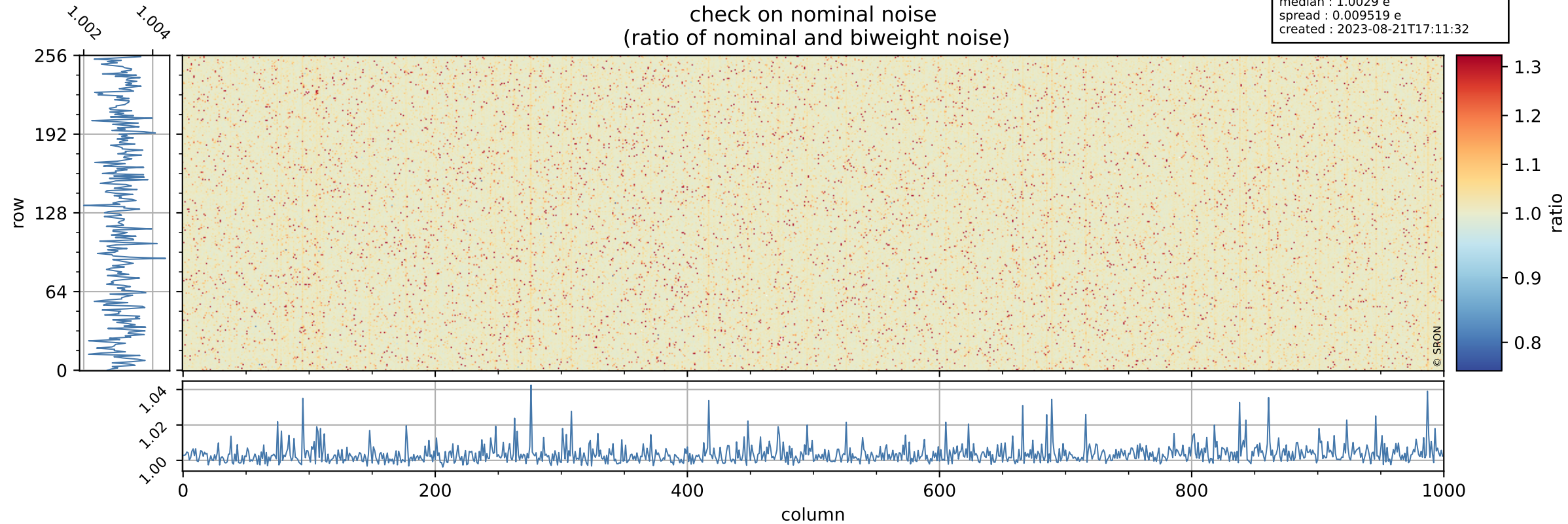
orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
median : 0.9985 e
spread : 0.008618 e
created : 2023-08-21T17:11:32



Tropomi SWIR background noise (swir)

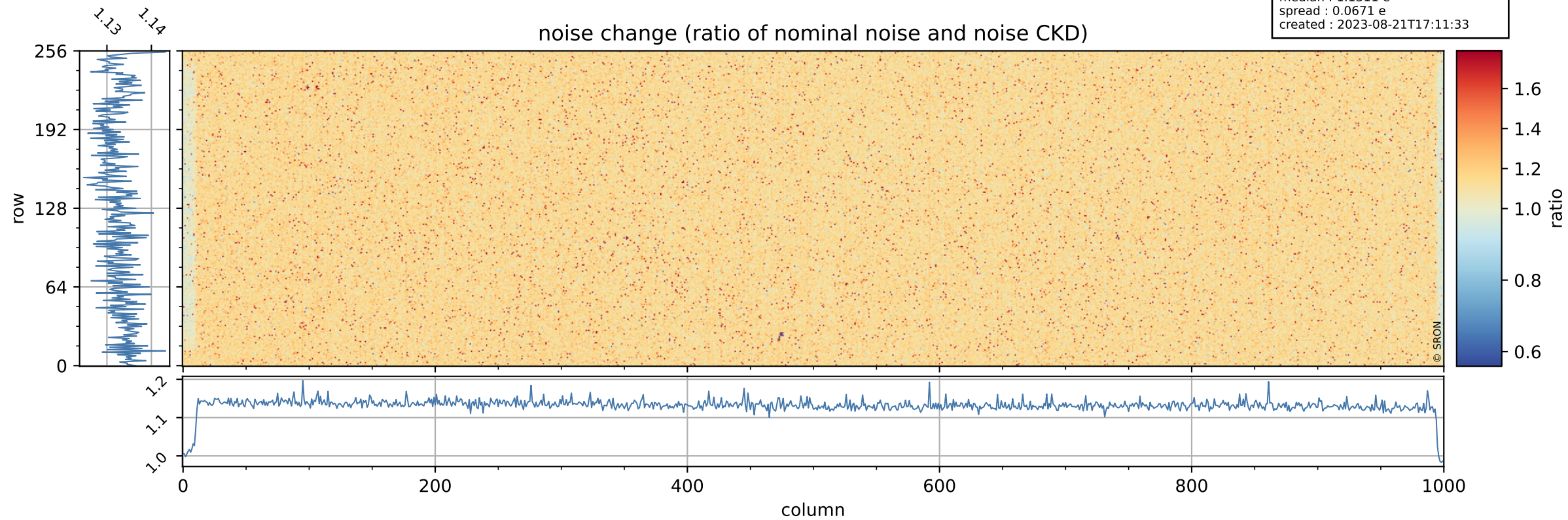
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
median : 1.0029 e
spread : 0.009519 e
created : 2023-08-21T17:11:32



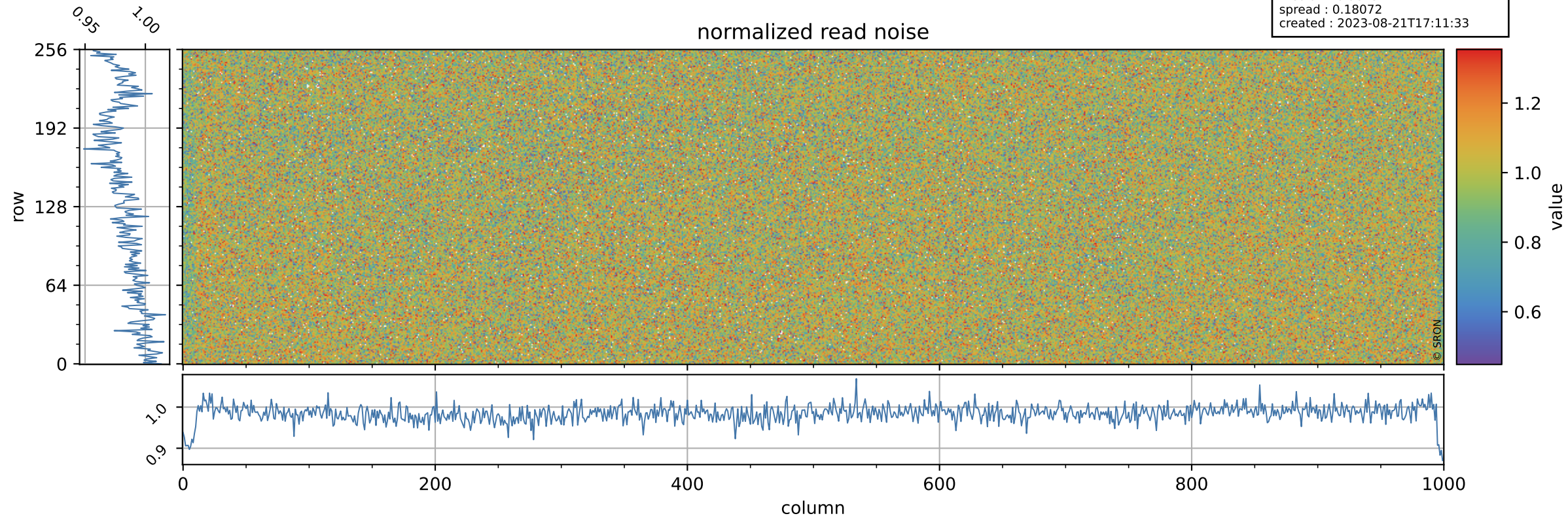
Tropomi SWIR background noise (swir)

orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
median : 1.1311 e
spread : 0.0671 e
created : 2023-08-21T17:11:33



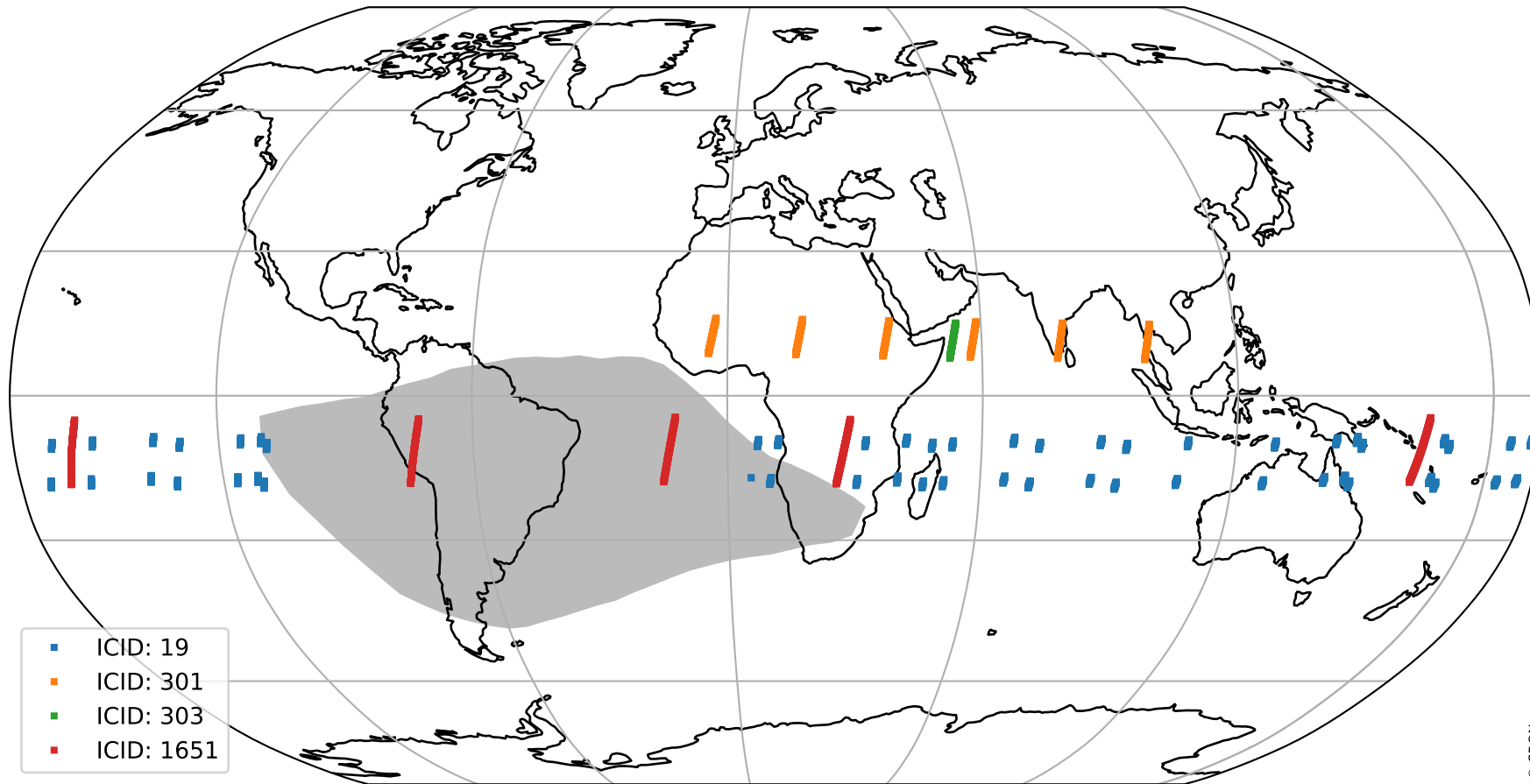
Tropomi SWIR background noise (swir)

orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
median : 0.98251
spread : 0.18072
created : 2023-08-21T17:11:33



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

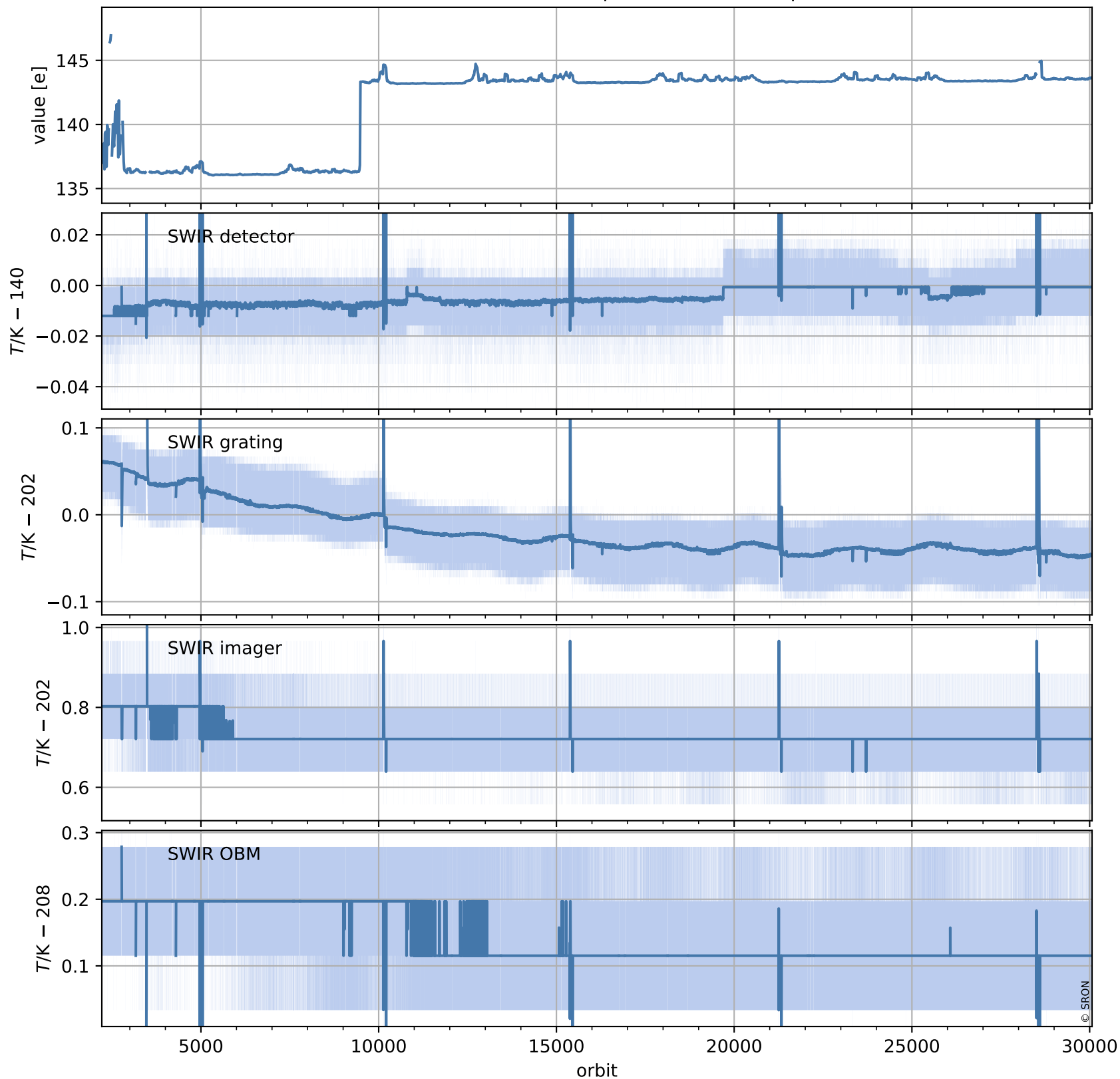
orbits : 12 in [29992, 30067]
coverage : 2023-07-27 / 2023-08-02
created : 2023-08-21T17:11:33



Tropomi SWIR background noise (swir)

orbits : [2212, 30067]
coverage : 2018-03-18 / 2023-08-02
created : 2023-08-21T17:11:34

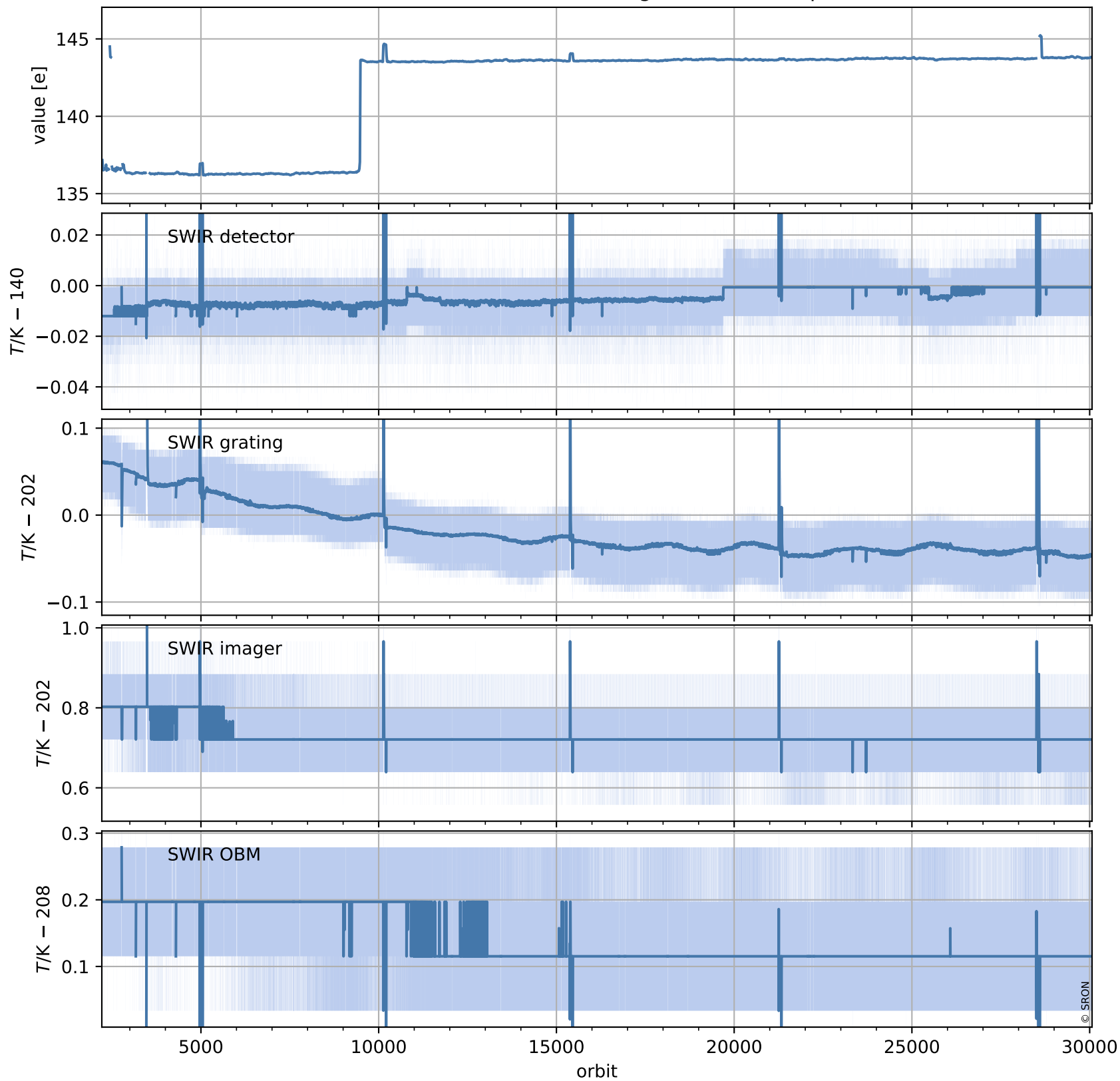
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30067]
coverage : 2018-03-18 / 2023-08-02
created : 2023-08-21T17:11:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30067]
coverage : 2018-03-18 / 2023-08-02
created : 2023-08-21T17:11:36

trend of normalized read-noise & temperatures

