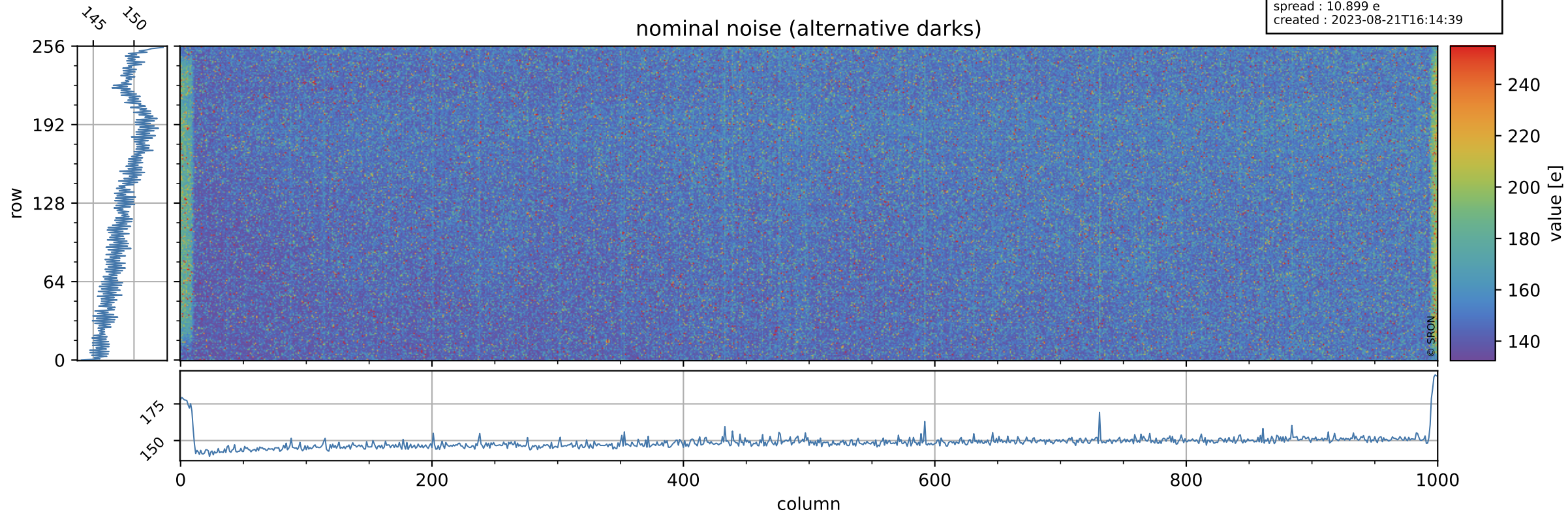


Tropomi SWIR background noise (swir)

orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.899 e
created : 2023-08-21T16:14:39

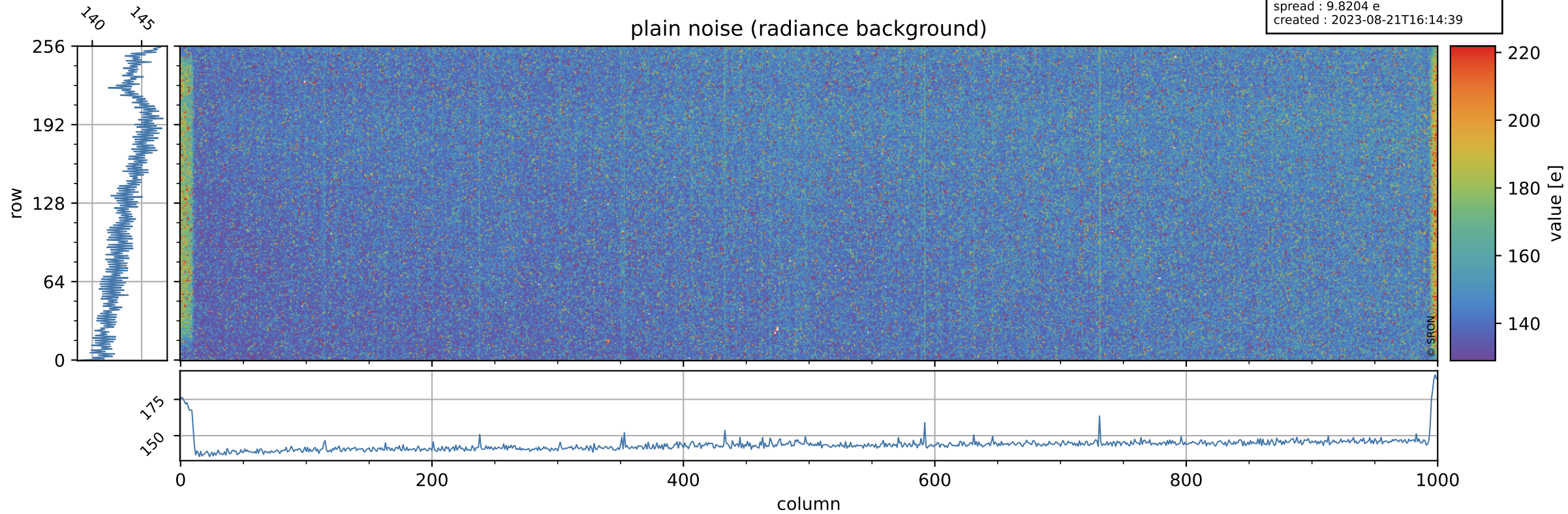
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8204 e
created : 2023-08-21T16:14:39

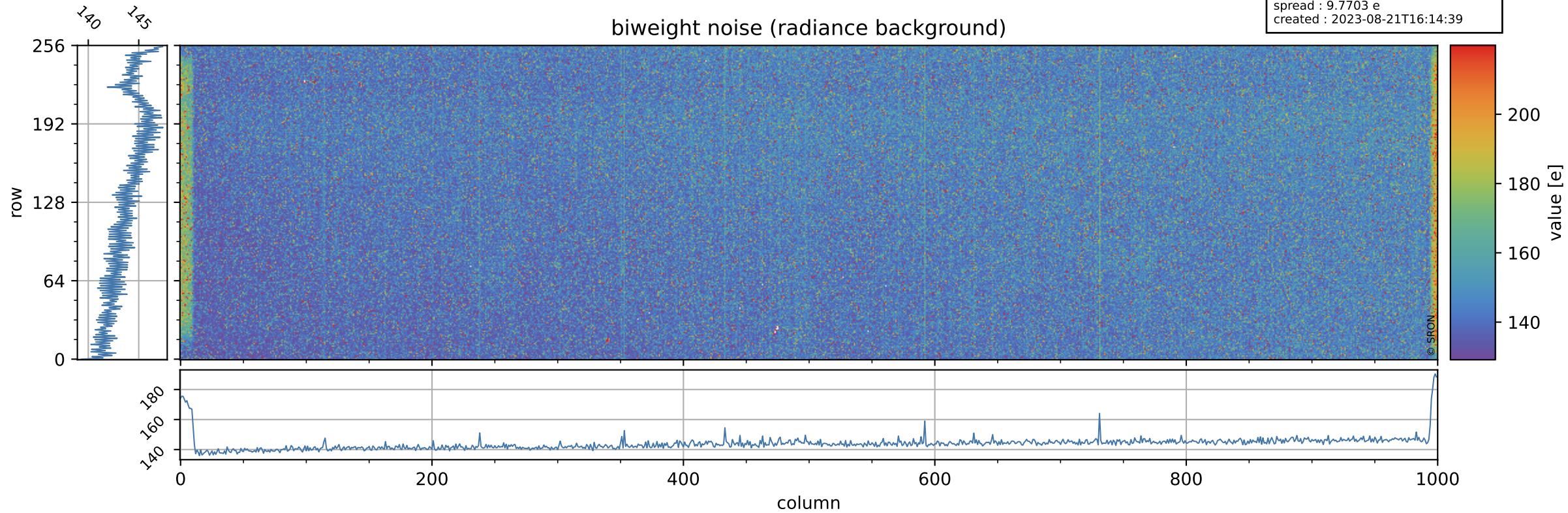
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7703 e
created : 2023-08-21T16:14:39

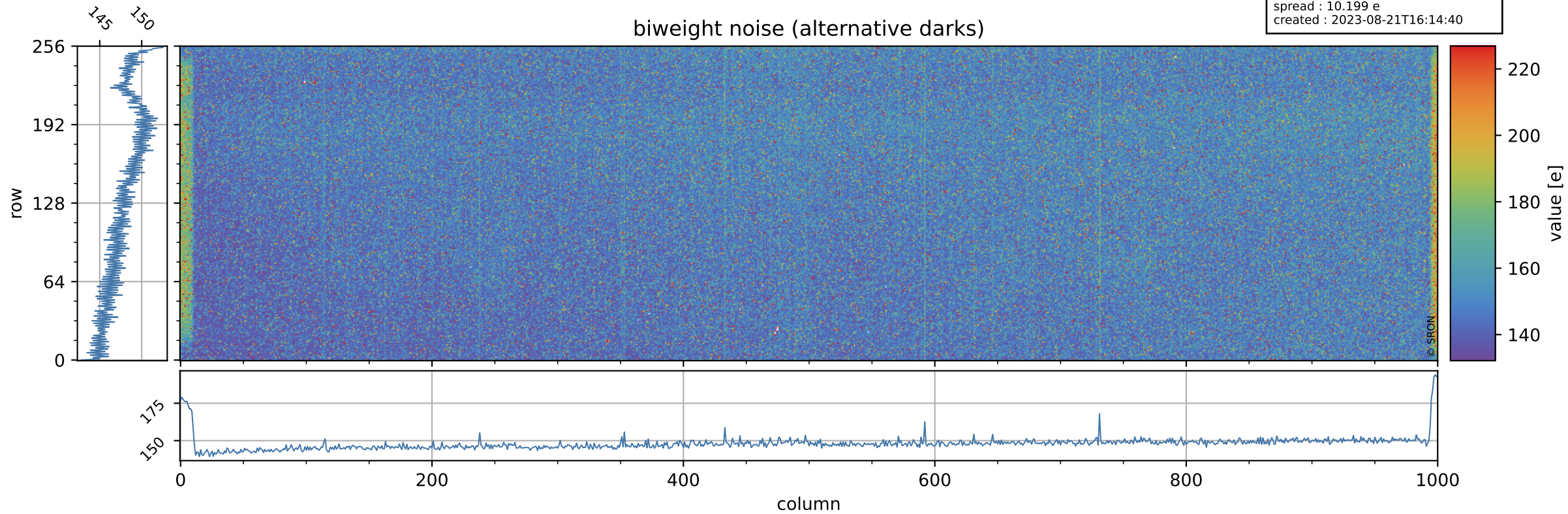
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.199 e
created : 2023-08-21T16:14:40

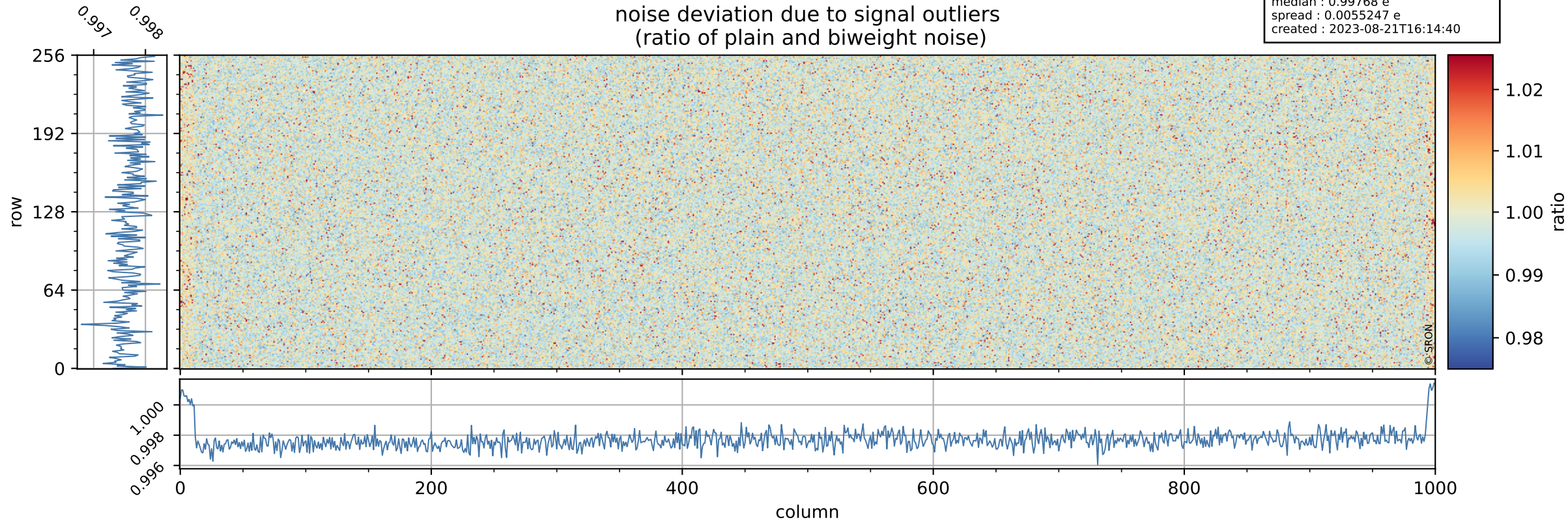
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

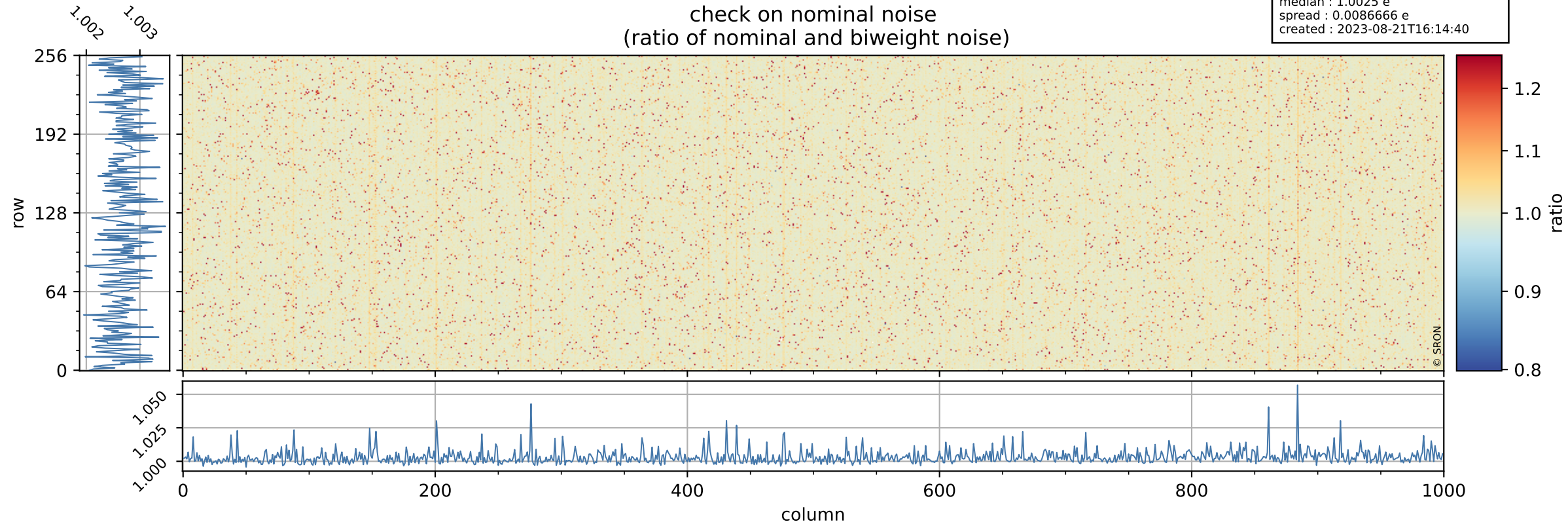
orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
median : 0.99768 e
spread : 0.0055247 e
created : 2023-08-21T16:14:40



Tropomi SWIR background noise (swir)

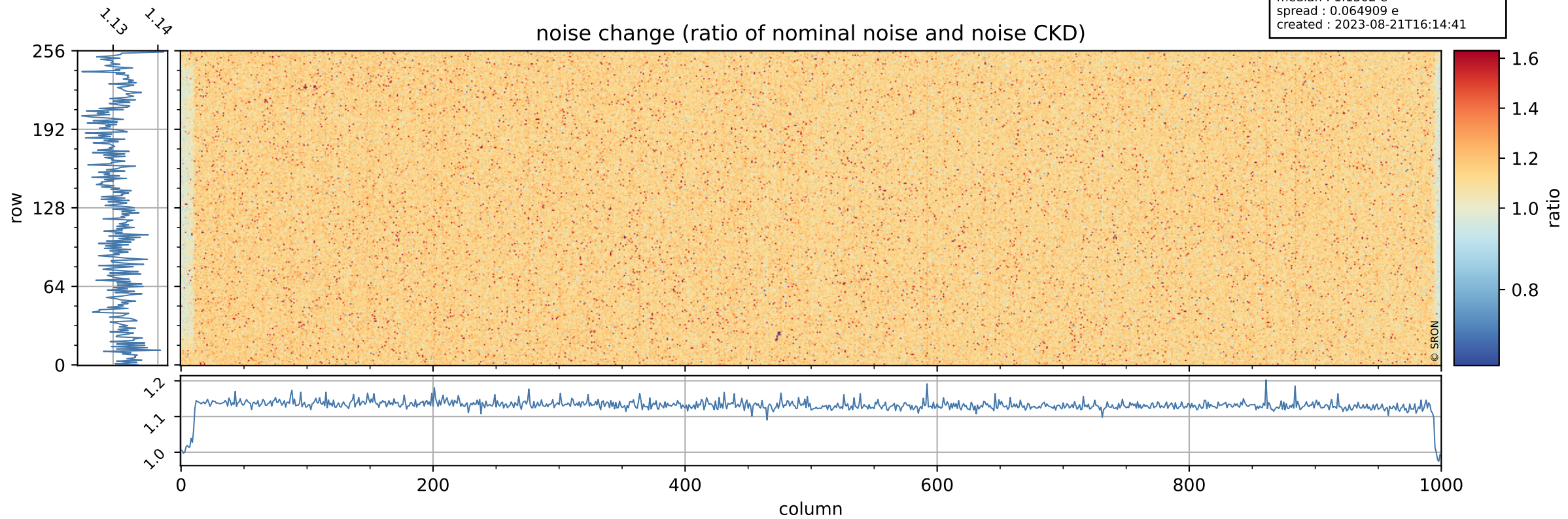
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
median : 1.0025 e
spread : 0.0086666 e
created : 2023-08-21T16:14:40



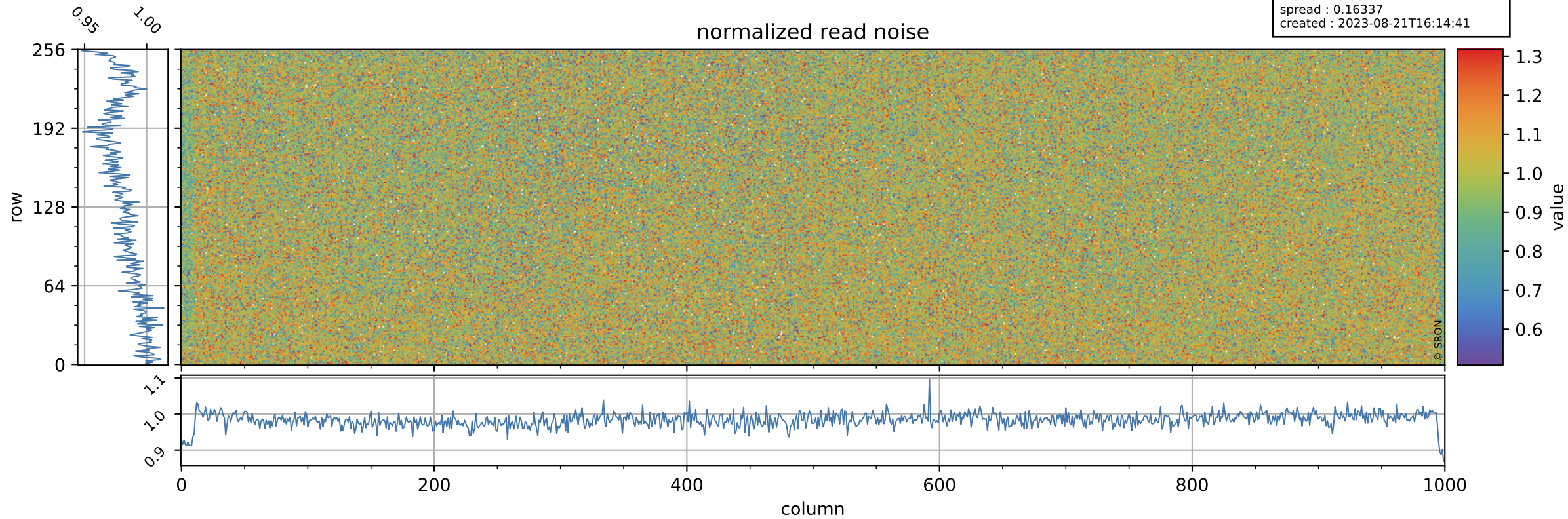
Tropomi SWIR background noise (swir)

orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
median : 1.1302 e
spread : 0.064909 e
created : 2023-08-21T16:14:41



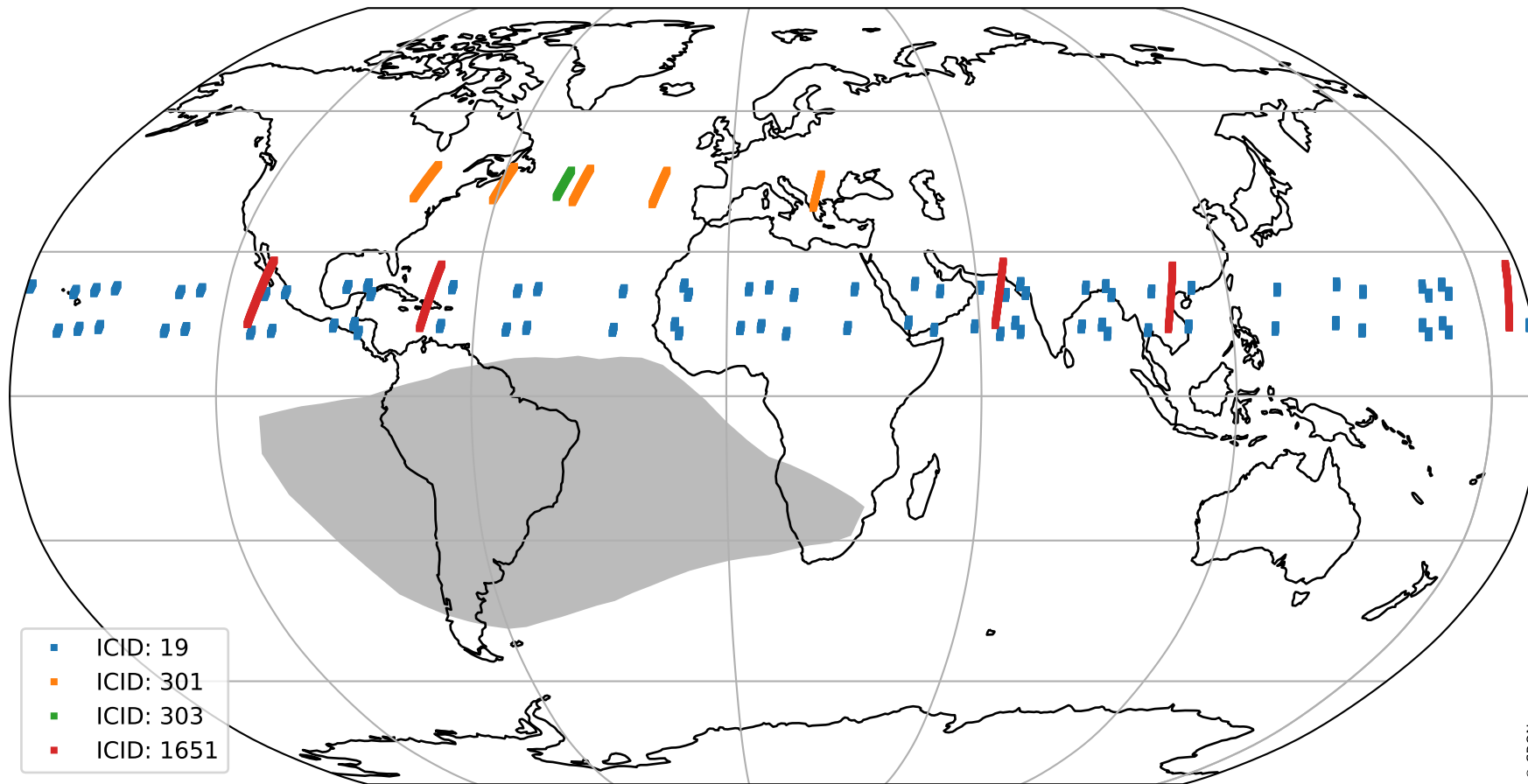
Tropomi SWIR background noise (swir)

orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
median : 0.98212
spread : 0.16337
created : 2023-08-21T16:14:41



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

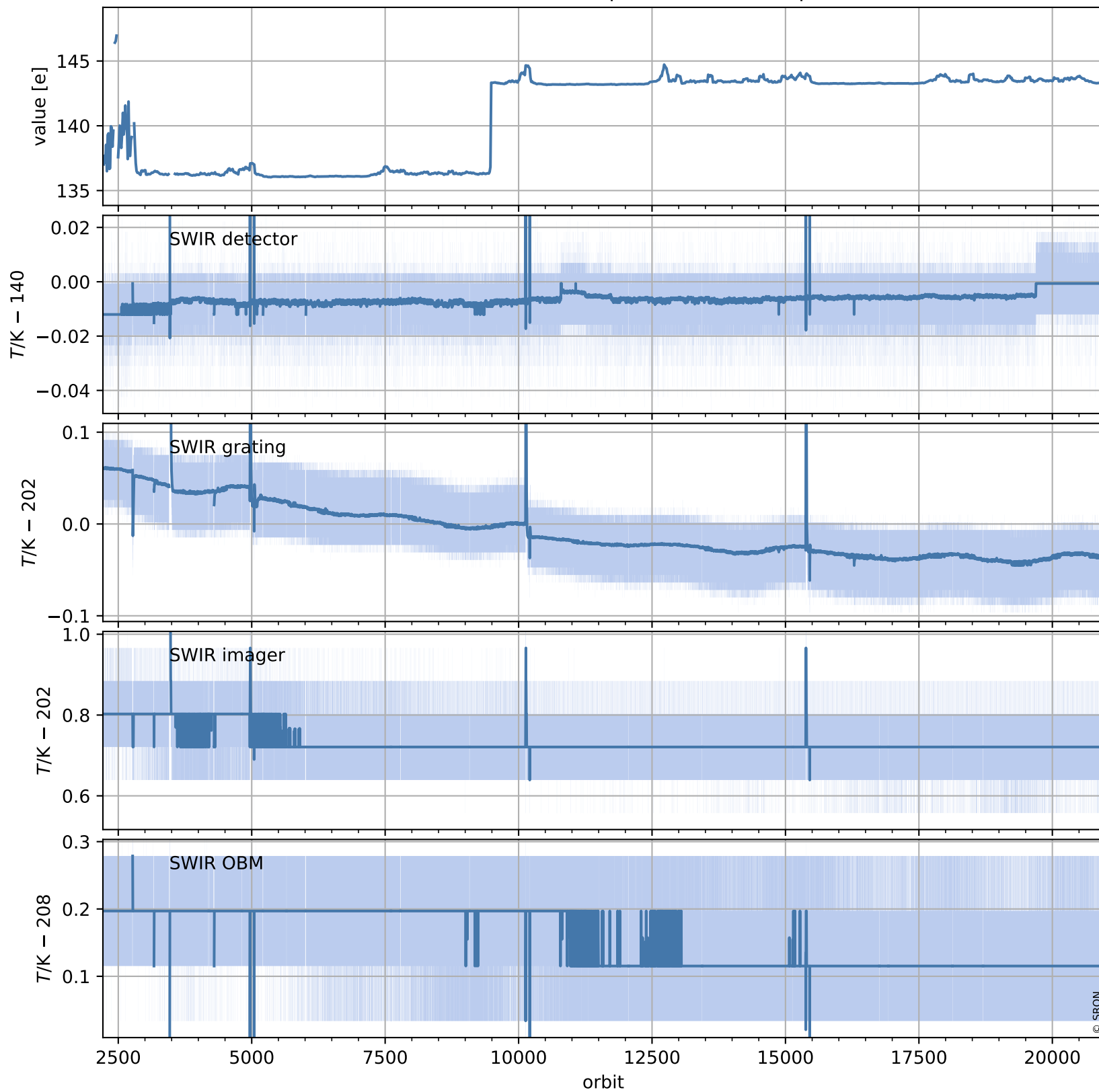
orbits : 11 in [20872, 20962]
coverage : 2021-10-23 / 2021-10-29
created : 2023-08-21T16:14:41



Tropomi SWIR background noise (swir)

orbits : [2212, 20962]
coverage : 2018-03-18 / 2021-10-29
created : 2023-08-21T16:14:41

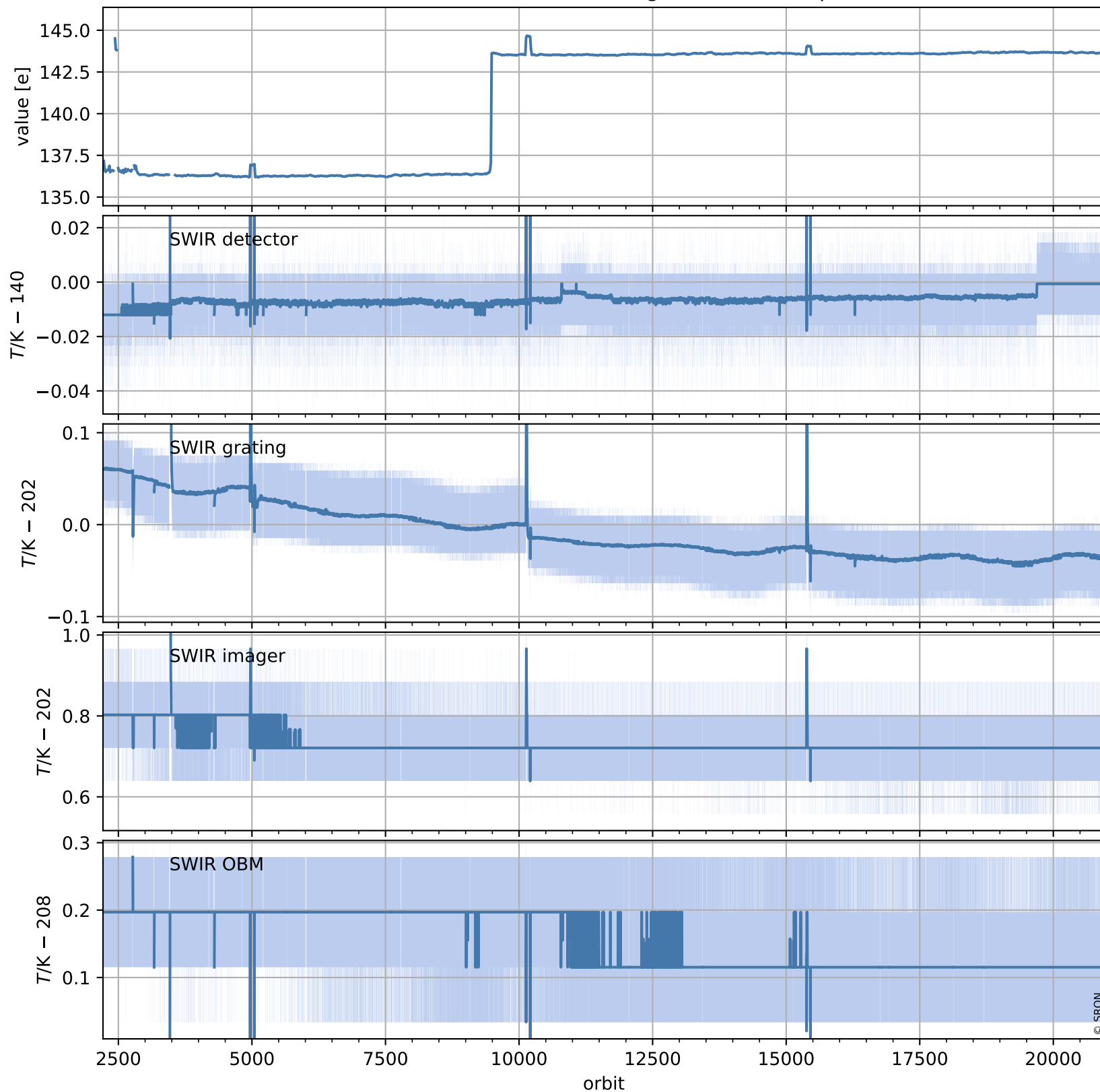
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20962]
coverage : 2018-03-18 / 2021-10-29
created : 2023-08-21T16:14:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20962]
coverage : 2018-03-18 / 2021-10-29
created : 2023-08-21T16:14:43

trend of normalized read-noise & temperatures

