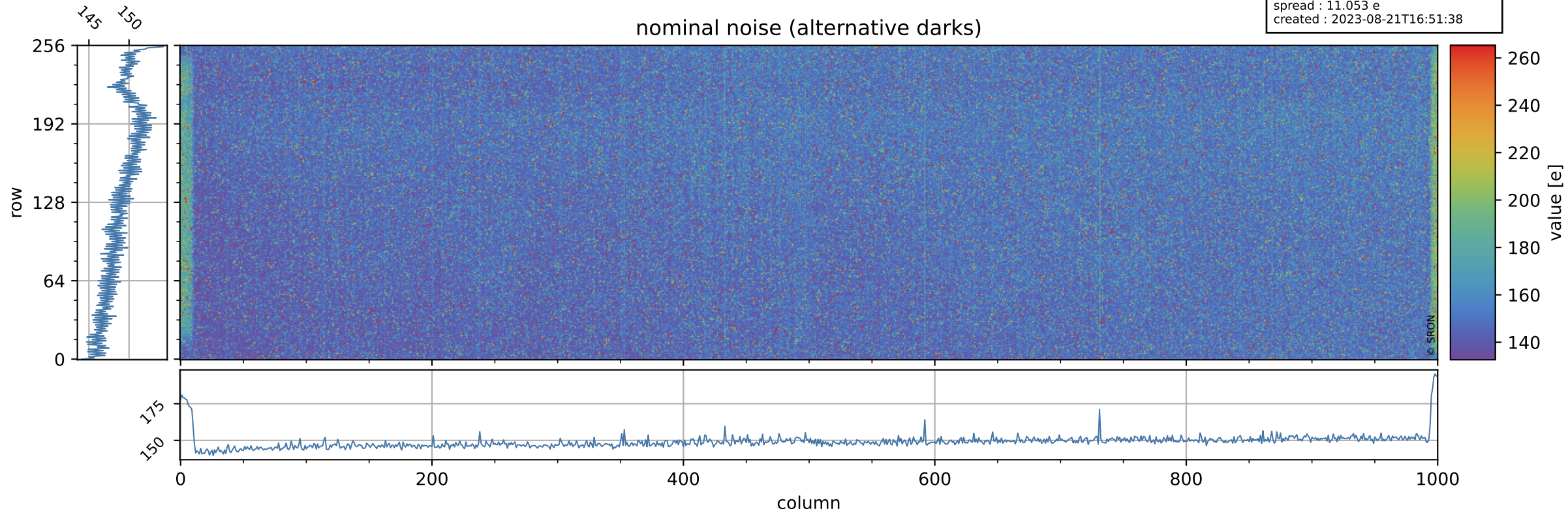


Tropomi SWIR background noise (swir)

orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
n_coad, t_exp : 1, 1.0783
median : 148.93 e
spread : 11.053 e
created : 2023-08-21T16:51:38

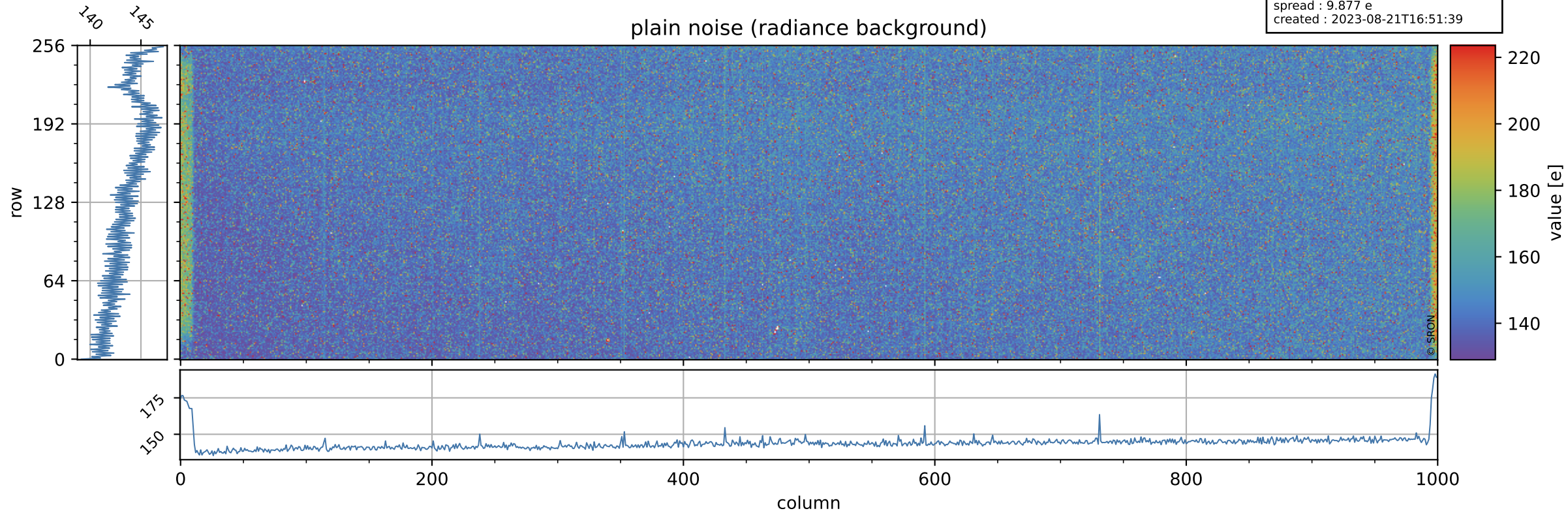
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.877 e
created : 2023-08-21T16:51:39

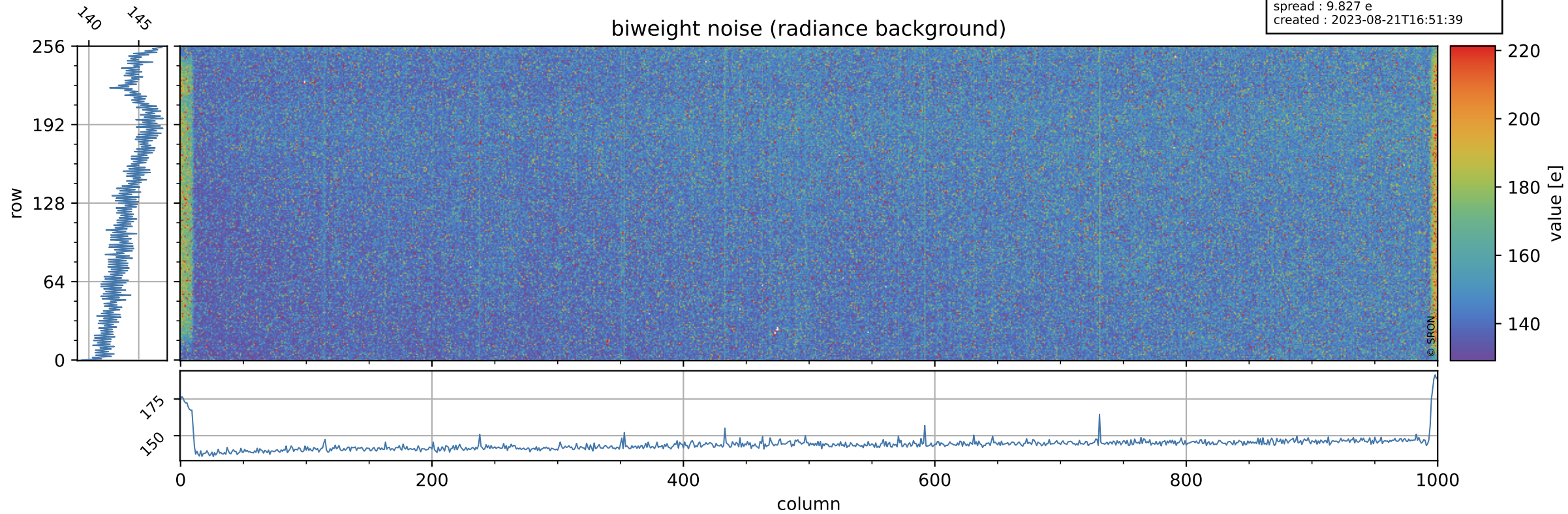
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.827 e
created : 2023-08-21T16:51:39

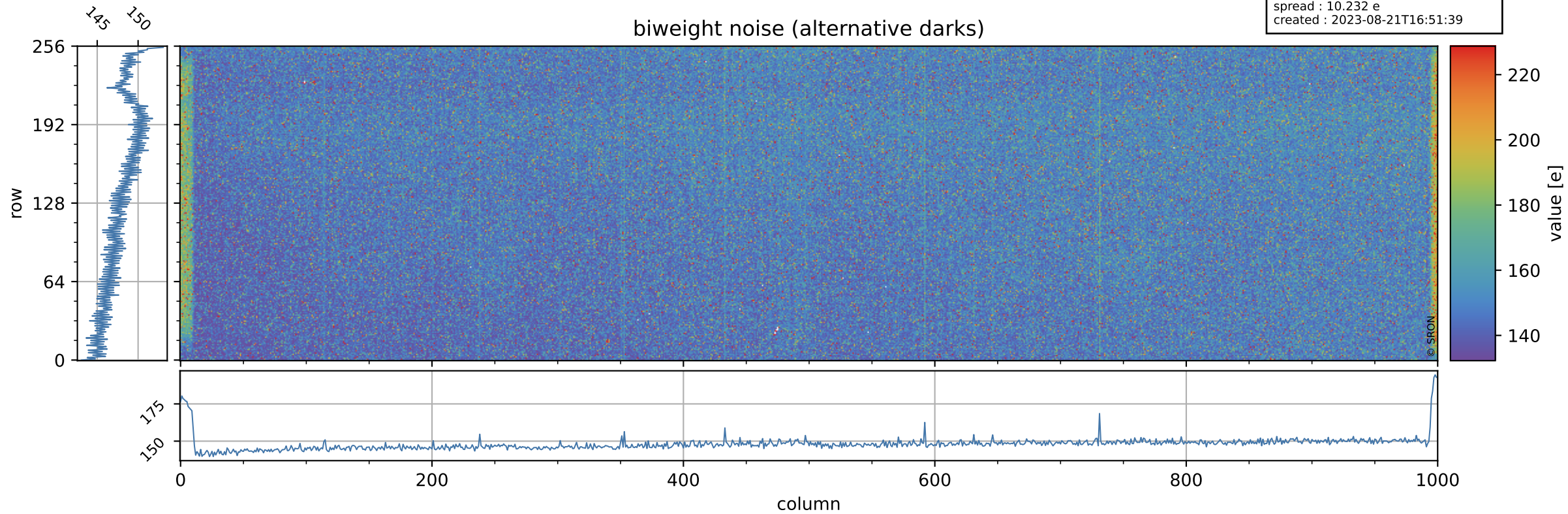
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.232 e
created : 2023-08-21T16:51:39

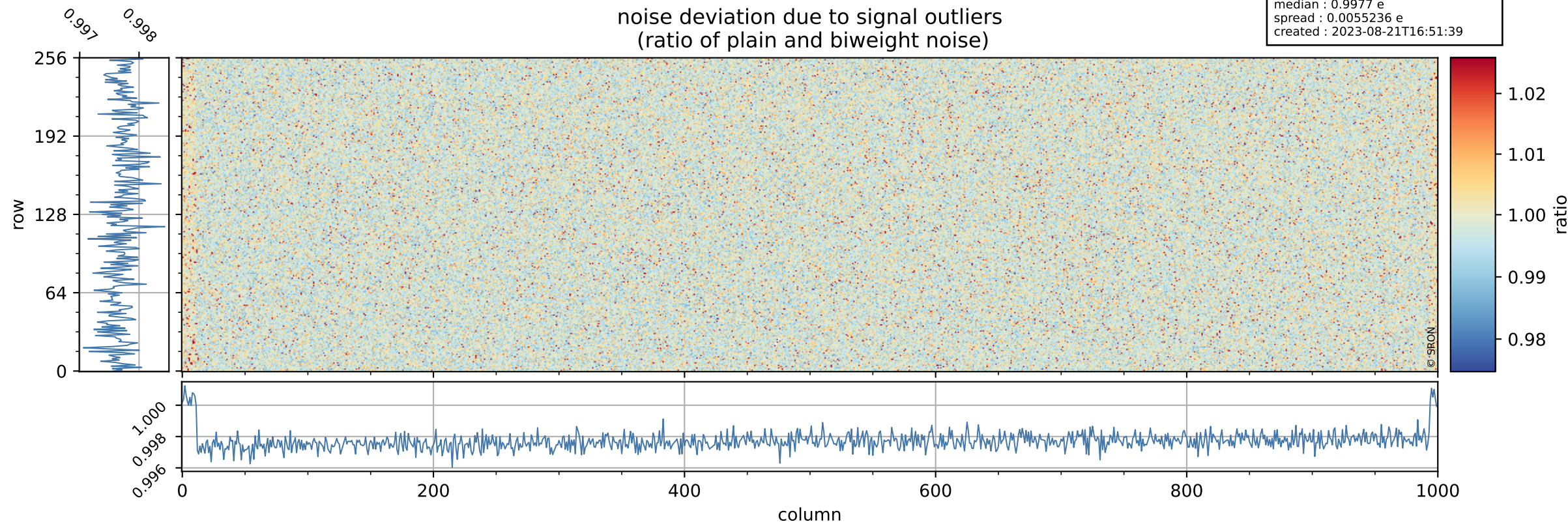
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

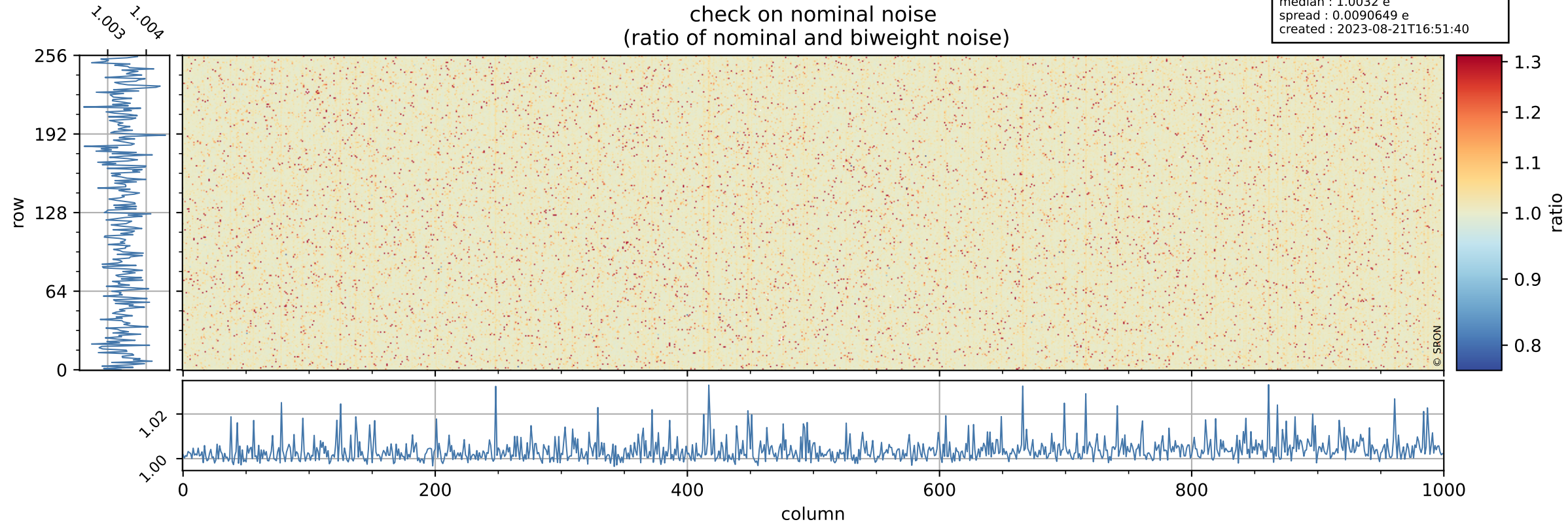
orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
median : 0.9977 e
spread : 0.0055236 e
created : 2023-08-21T16:51:39



Tropomi SWIR background noise (swir)

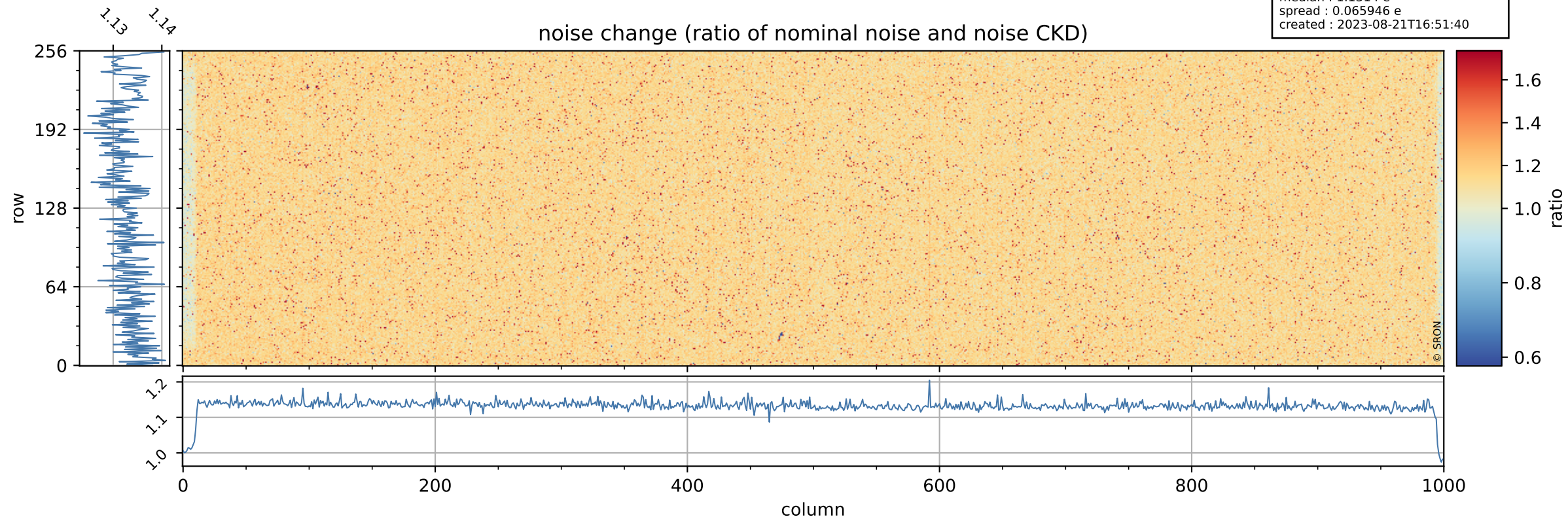
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
median : 1.0032 e
spread : 0.0090649 e
created : 2023-08-21T16:51:40



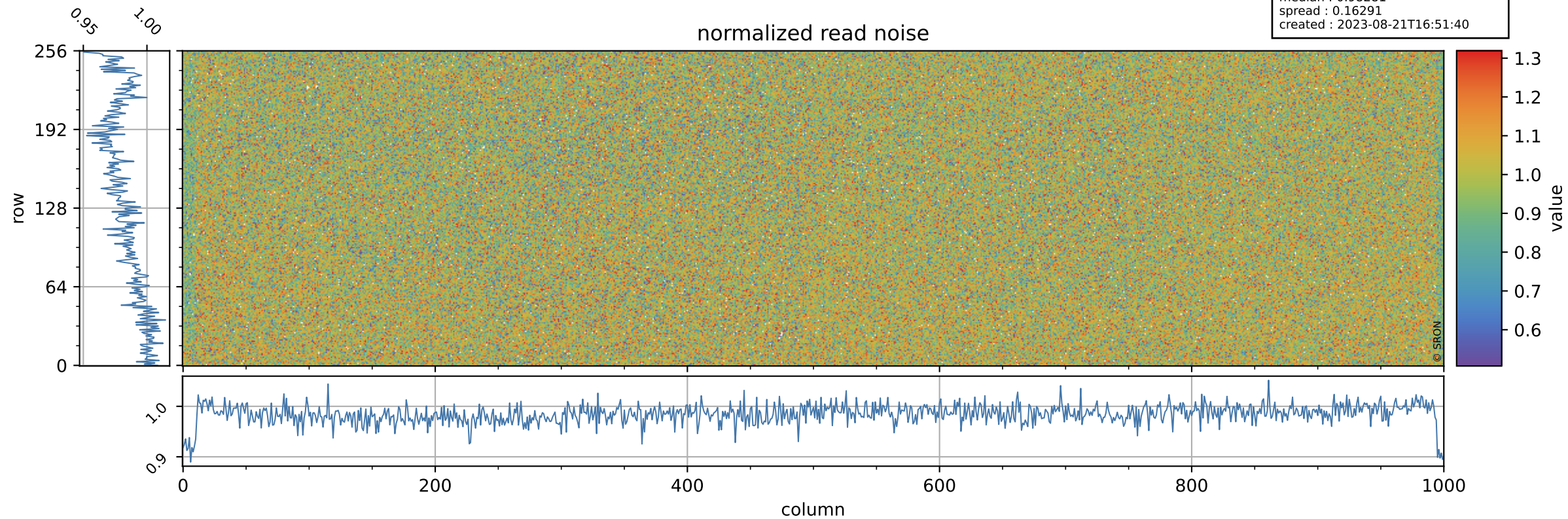
Tropomi SWIR background noise (swir)

orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
median : 1.1314 e
spread : 0.065946 e
created : 2023-08-21T16:51:40



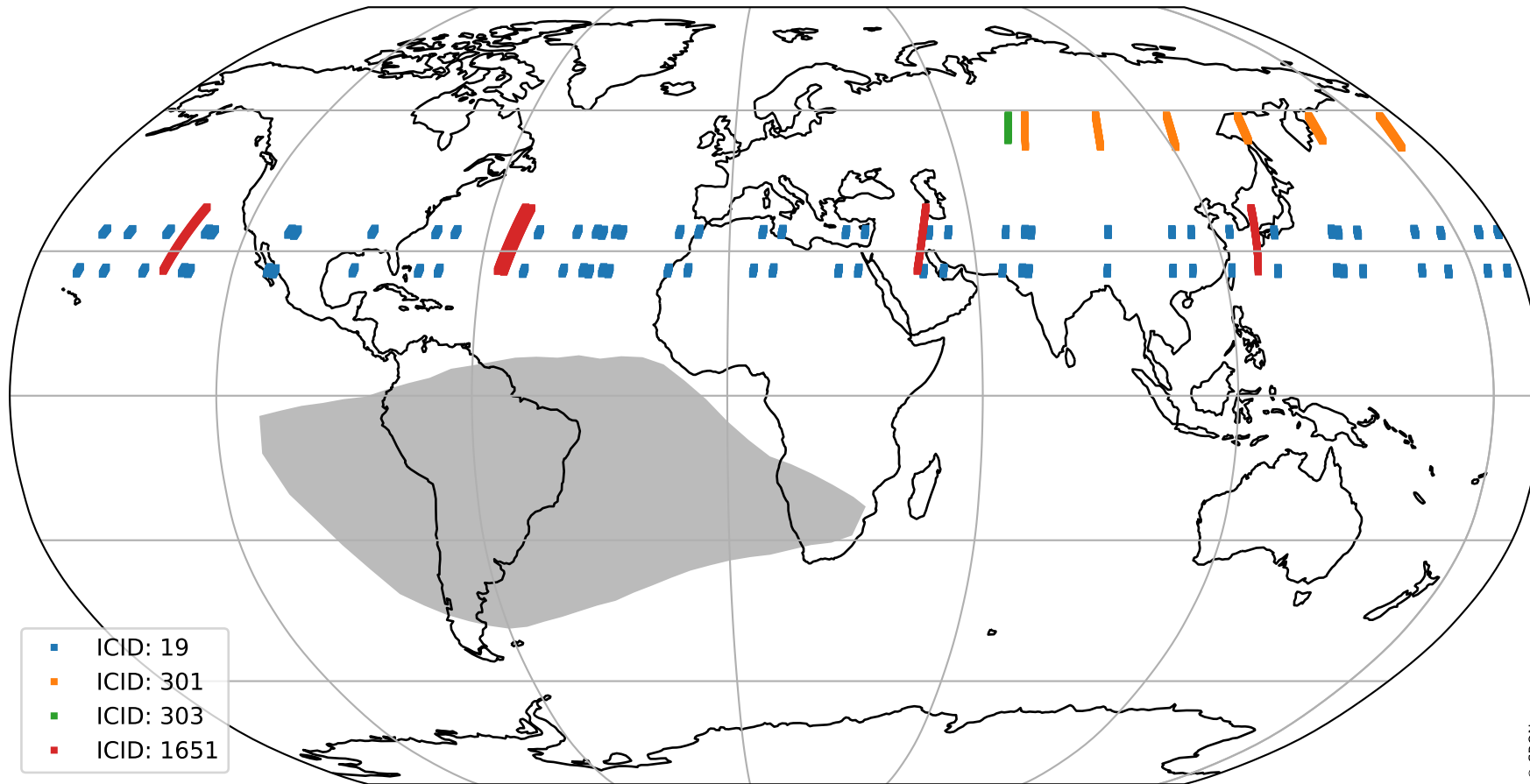
Tropomi SWIR background noise (swir)

orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
median : 0.98281
spread : 0.16291
created : 2023-08-21T16:51:40



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

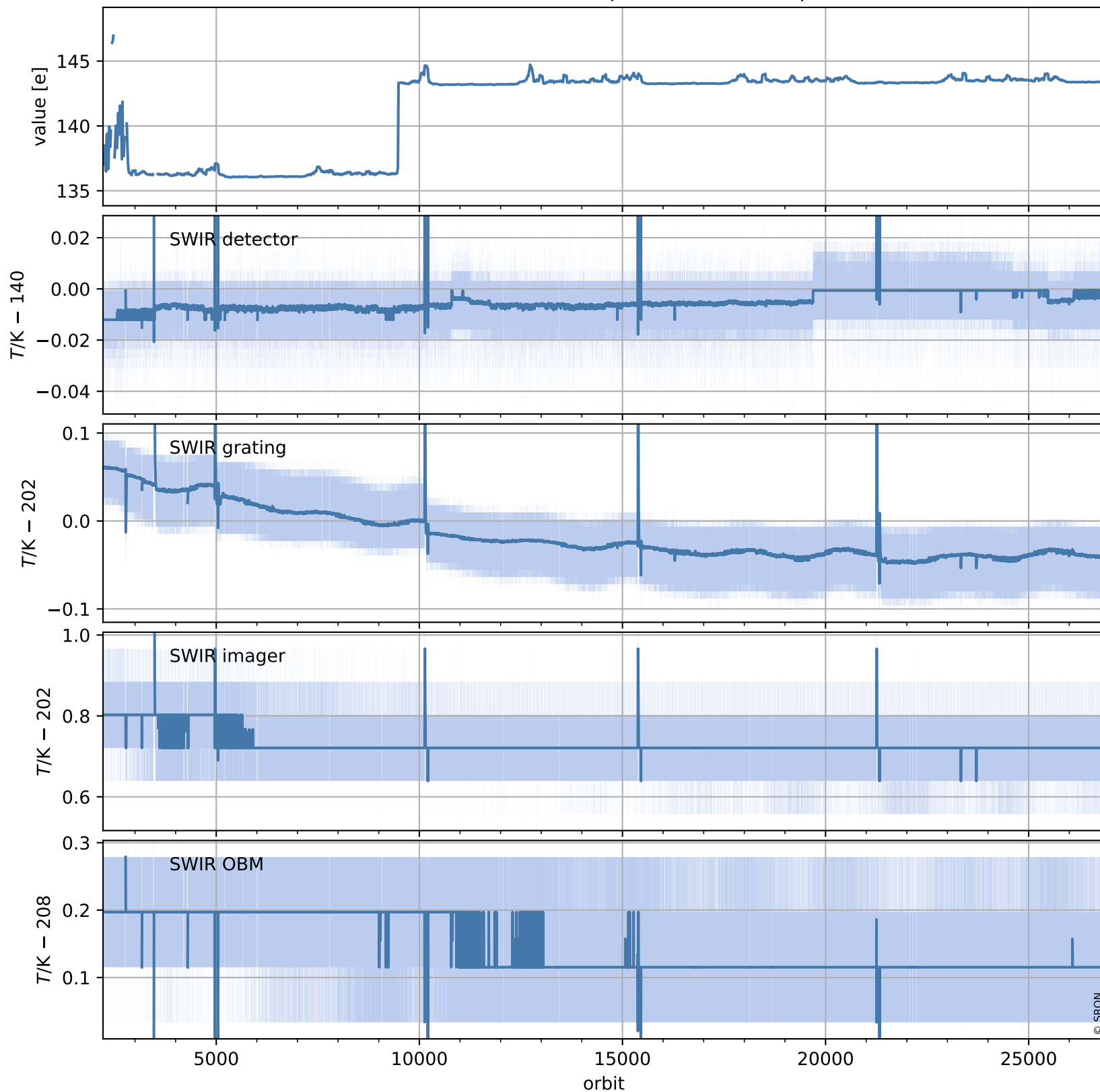
orbits : 12 in [26782, 26872]
coverage : 2022-12-14 / 2022-12-20
created : 2023-08-21T16:51:41



Tropomi SWIR background noise (swir)

orbits : [2212, 26872]
coverage : 2018-03-18 / 2022-12-20
created : 2023-08-21T16:51:41

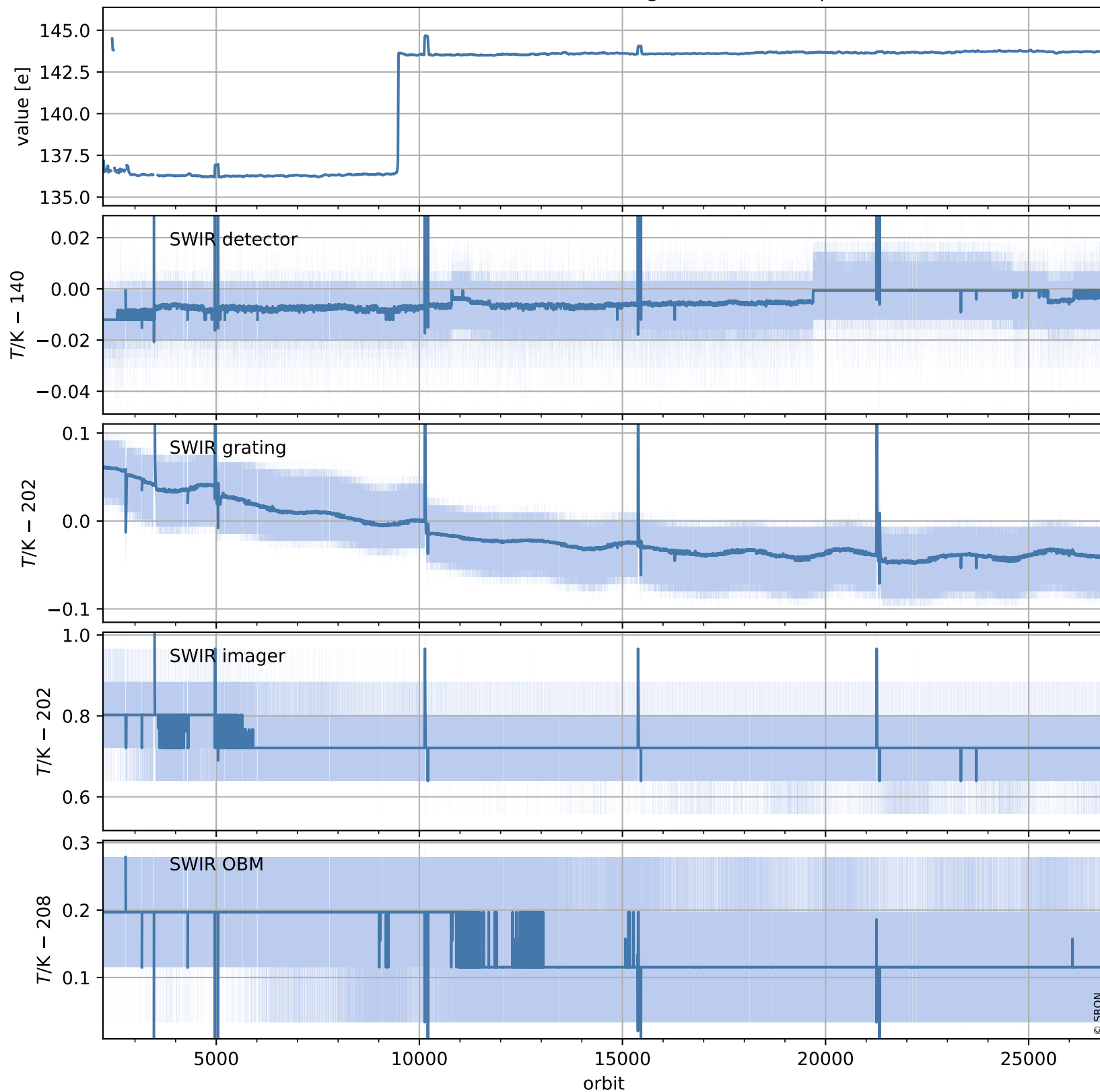
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26872]
coverage : 2018-03-18 / 2022-12-20
created : 2023-08-21T16:51:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26872]
coverage : 2018-03-18 / 2022-12-20
created : 2023-08-21T16:51:43

trend of normalized read-noise & temperatures

