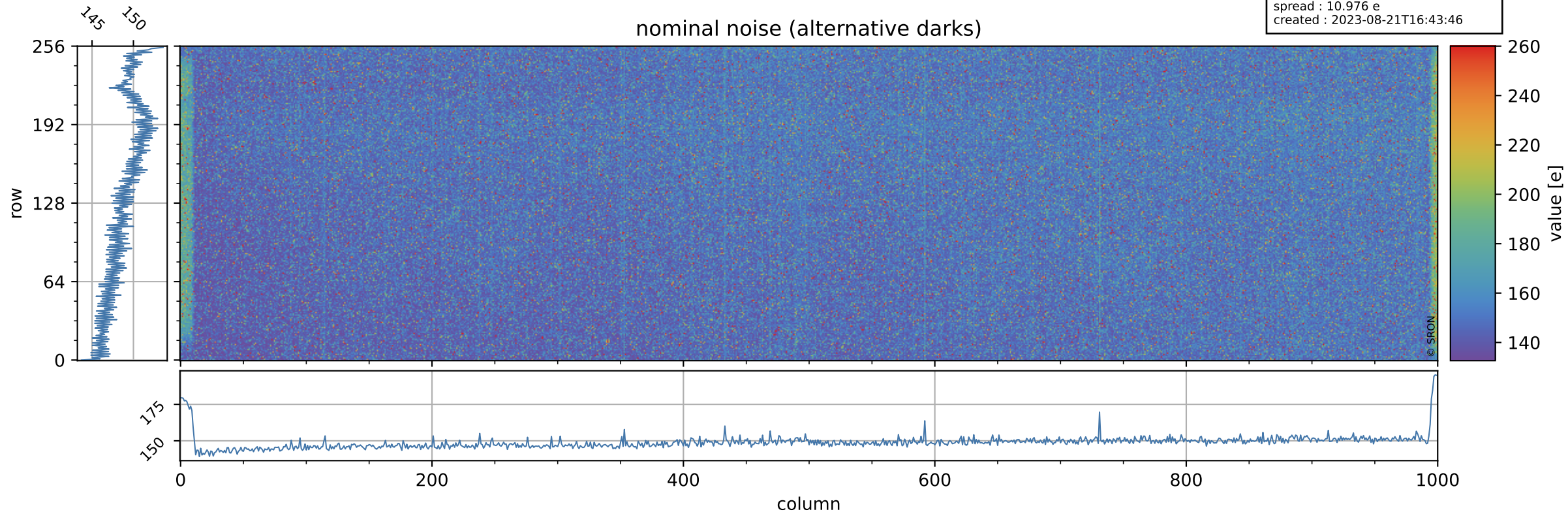


Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25582]
coverage : 2022-09-14 / 2022-09-19
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.976 e
created : 2023-08-21T16:43:46

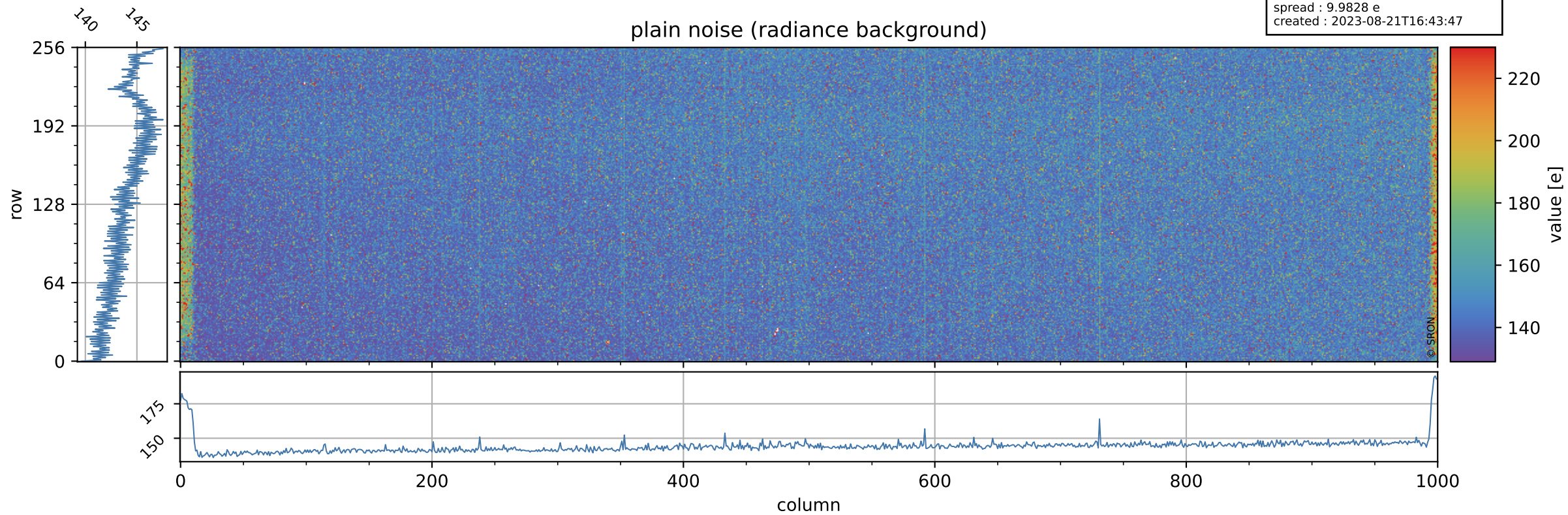
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25582]
coverage : 2022-09-14 / 2022-09-19
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9828 e
created : 2023-08-21T16:43:47

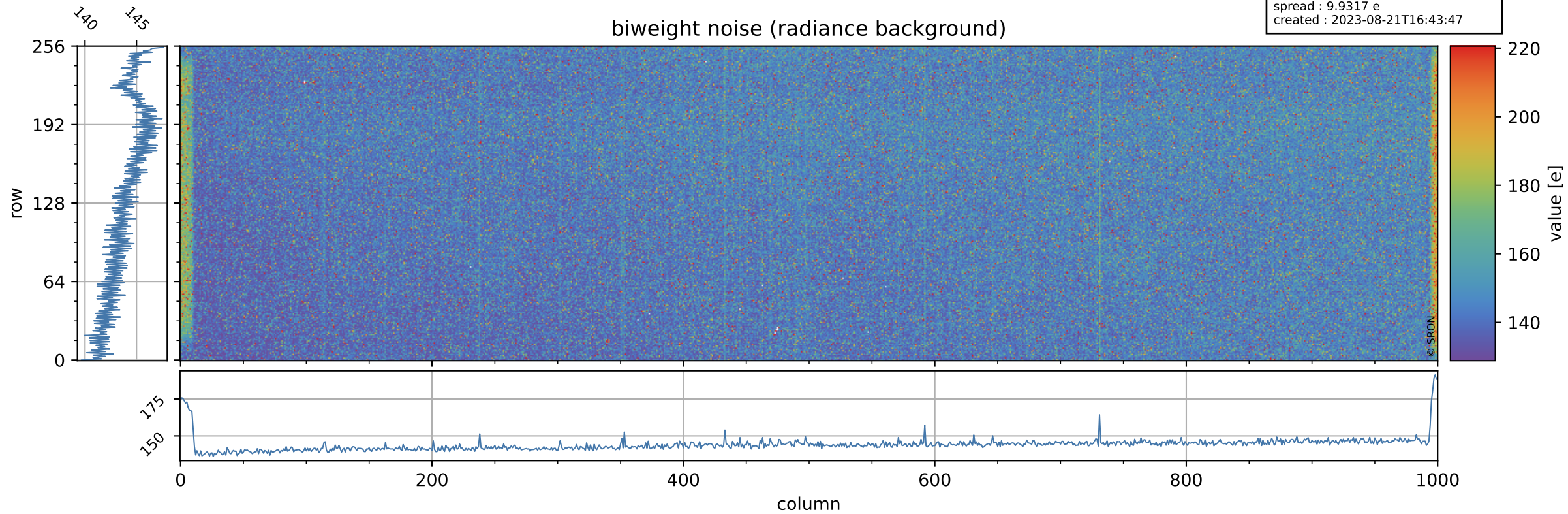
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25582]
coverage : 2022-09-14 / 2022-09-19
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9317 e
created : 2023-08-21T16:43:47

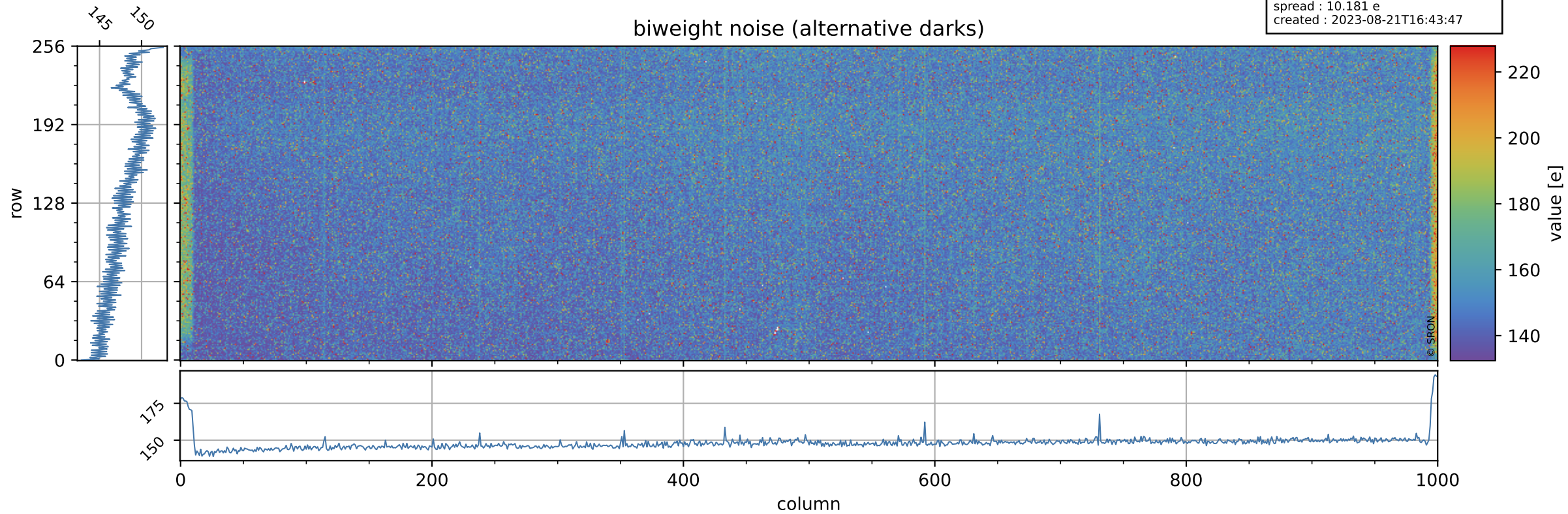
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25582]
coverage : 2022-09-14 / 2022-09-19
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.181 e
created : 2023-08-21T16:43:47

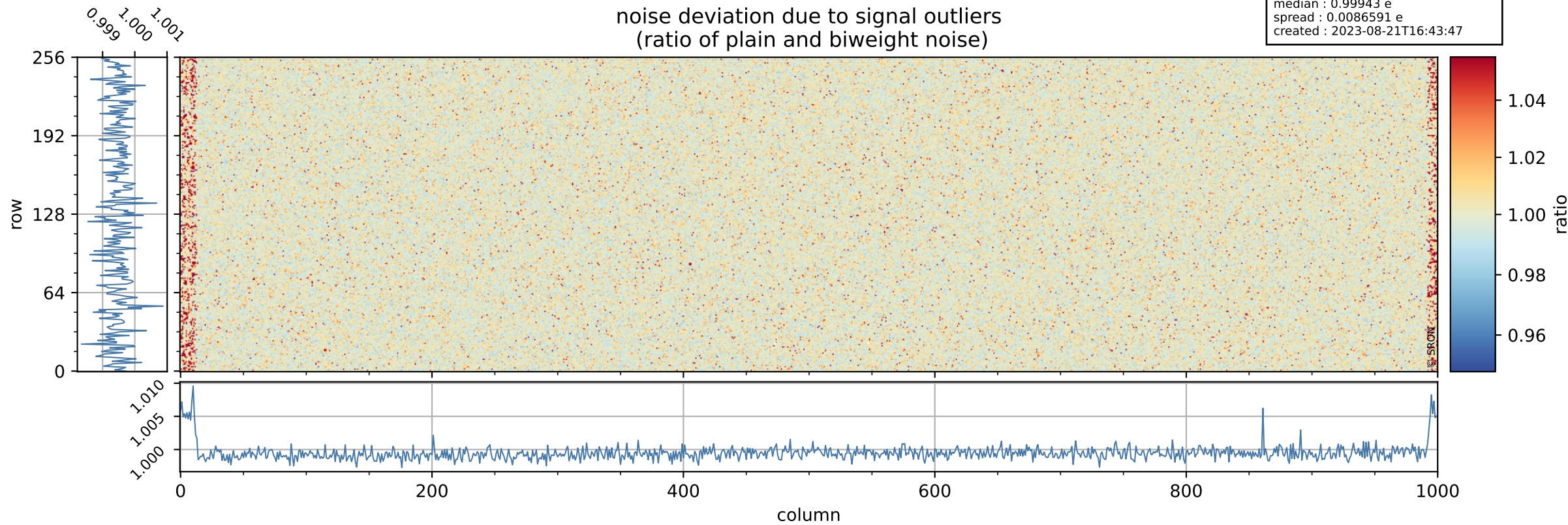
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

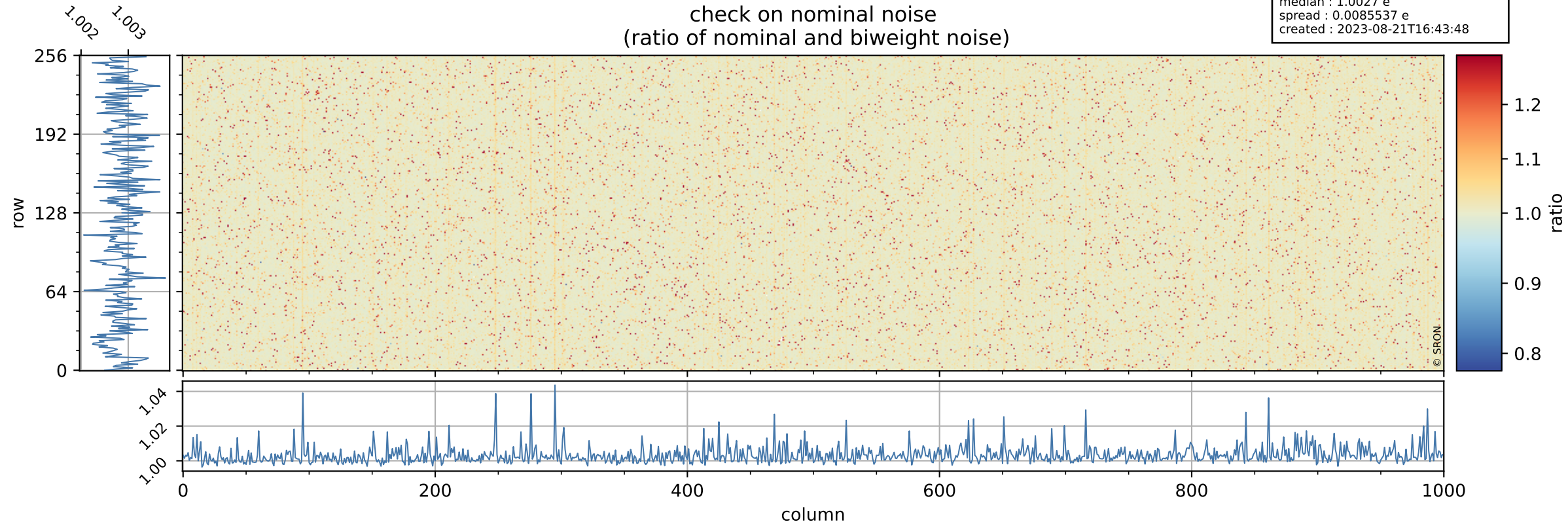
orbits : 13 in [25507, 25582]
coverage : 2022-09-14 / 2022-09-19
median : 0.99943 e
spread : 0.0086591 e
created : 2023-08-21T16:43:47



Tropomi SWIR background noise (swir)

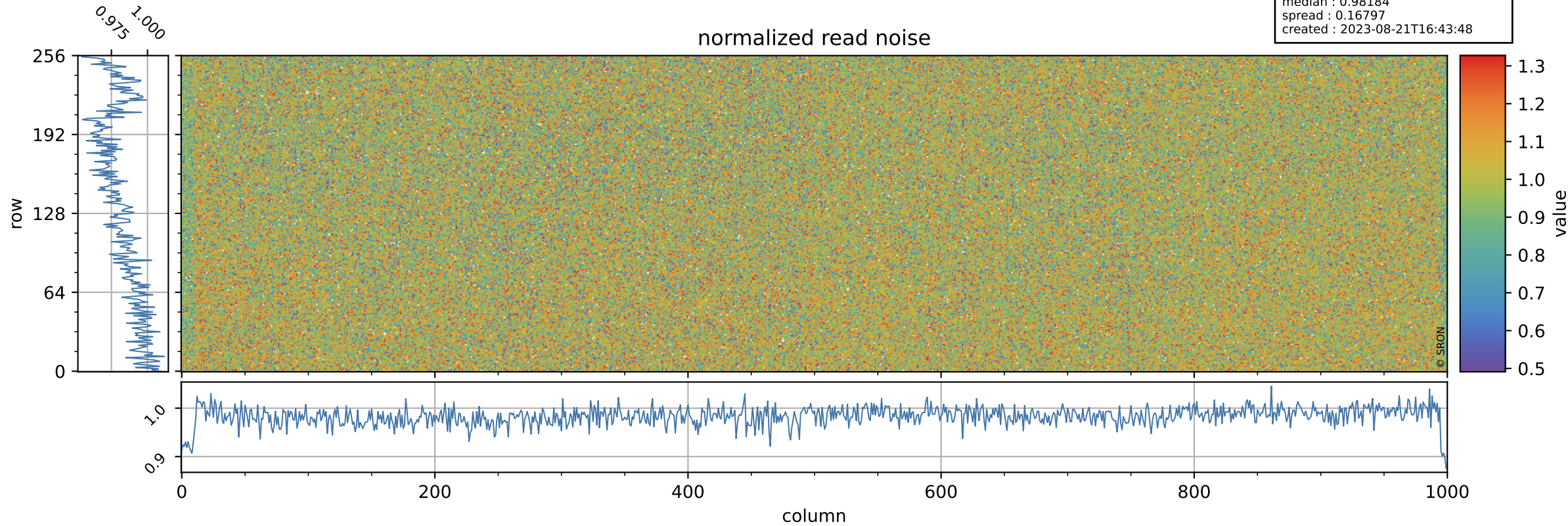
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25507, 25582]
coverage : 2022-09-14 / 2022-09-19
median : 1.0027 e
spread : 0.0085537 e
created : 2023-08-21T16:43:48



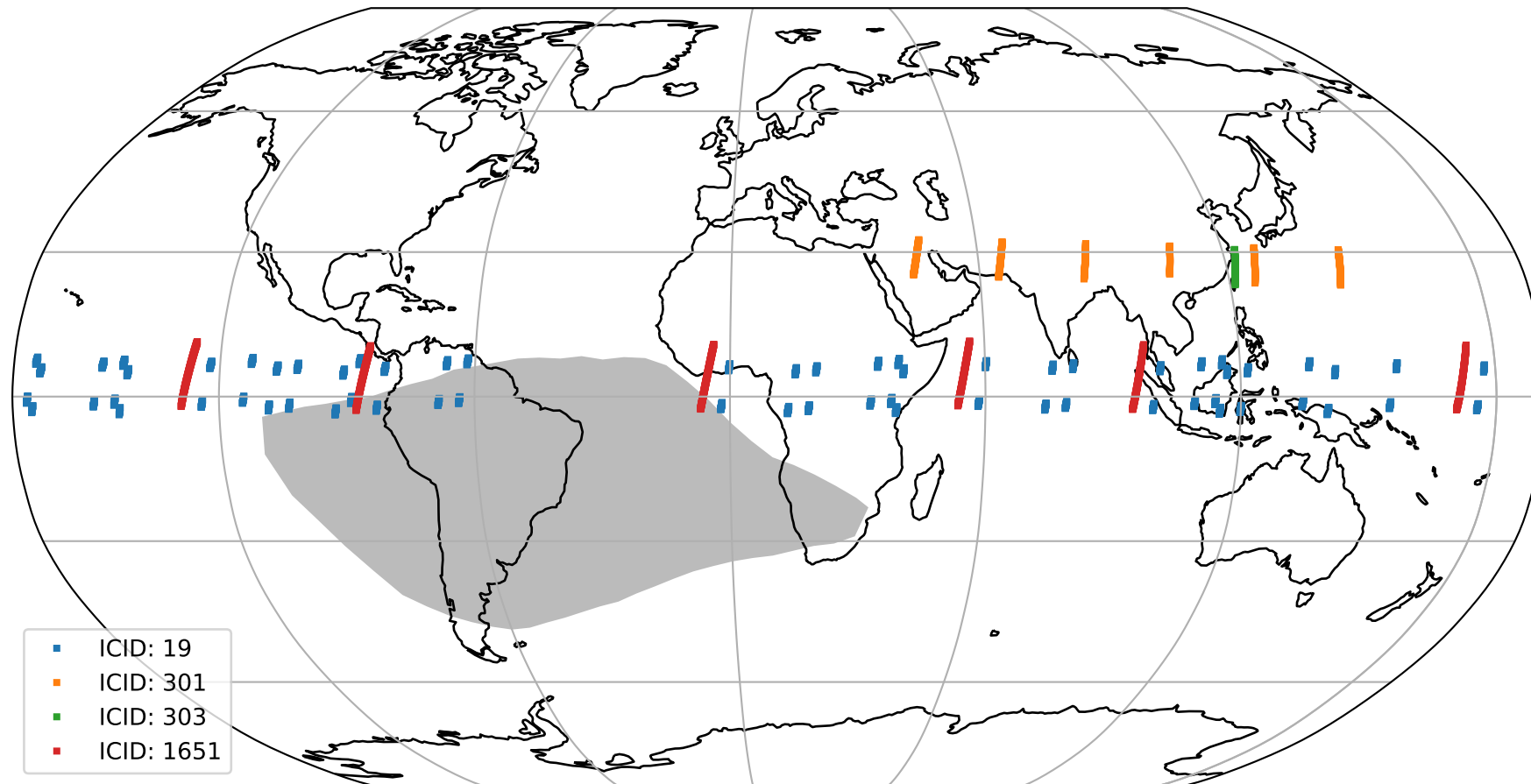
Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25582]
coverage : 2022-09-14 / 2022-09-19
median : 0.98184
spread : 0.16797
created : 2023-08-21T16:43:48



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

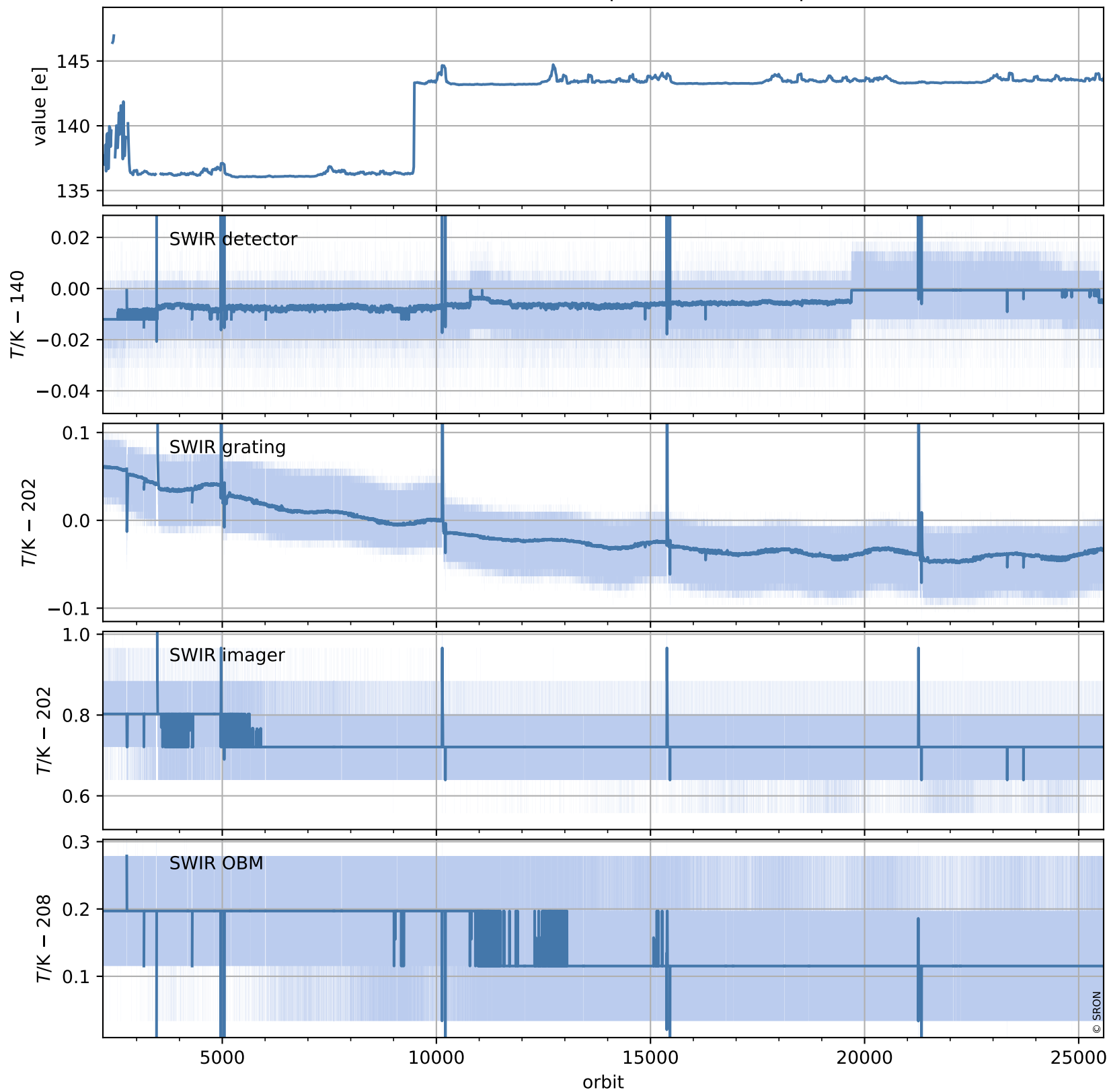
orbits : 13 in [25507, 25582]
coverage : 2022-09-14 / 2022-09-19
created : 2023-08-21T16:43:48



Tropomi SWIR background noise (swir)

orbits : [2212, 25582]
coverage : 2018-03-18 / 2022-09-19
created : 2023-08-21T16:43:49

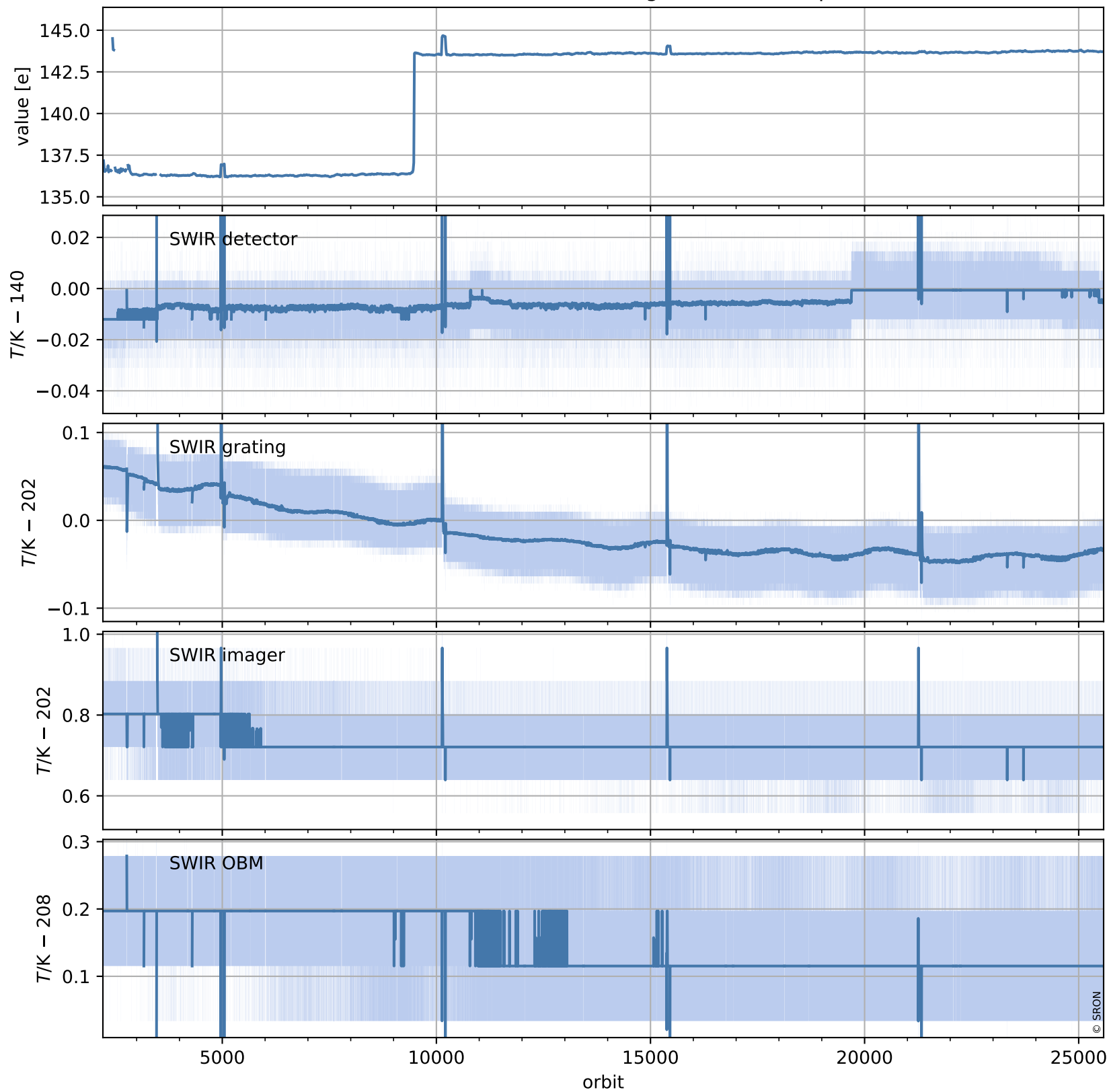
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25582]
coverage : 2018-03-18 / 2022-09-19
created : 2023-08-21T16:43:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25582]
coverage : 2018-03-18 / 2022-09-19
created : 2023-08-21T16:43:50

trend of normalized read-noise & temperatures

