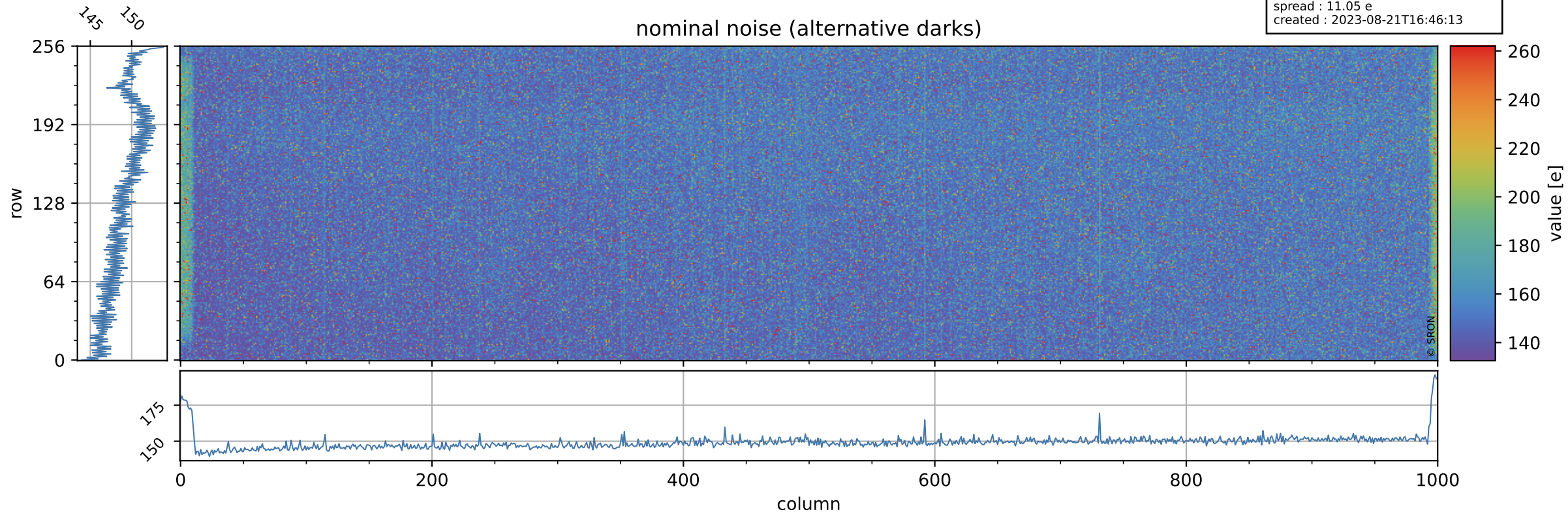


Tropomi SWIR background noise (swir)

orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
n_coad, t_exp : 1, 1.0783
median : 148.92 e
spread : 11.05 e
created : 2023-08-21T16:46:13

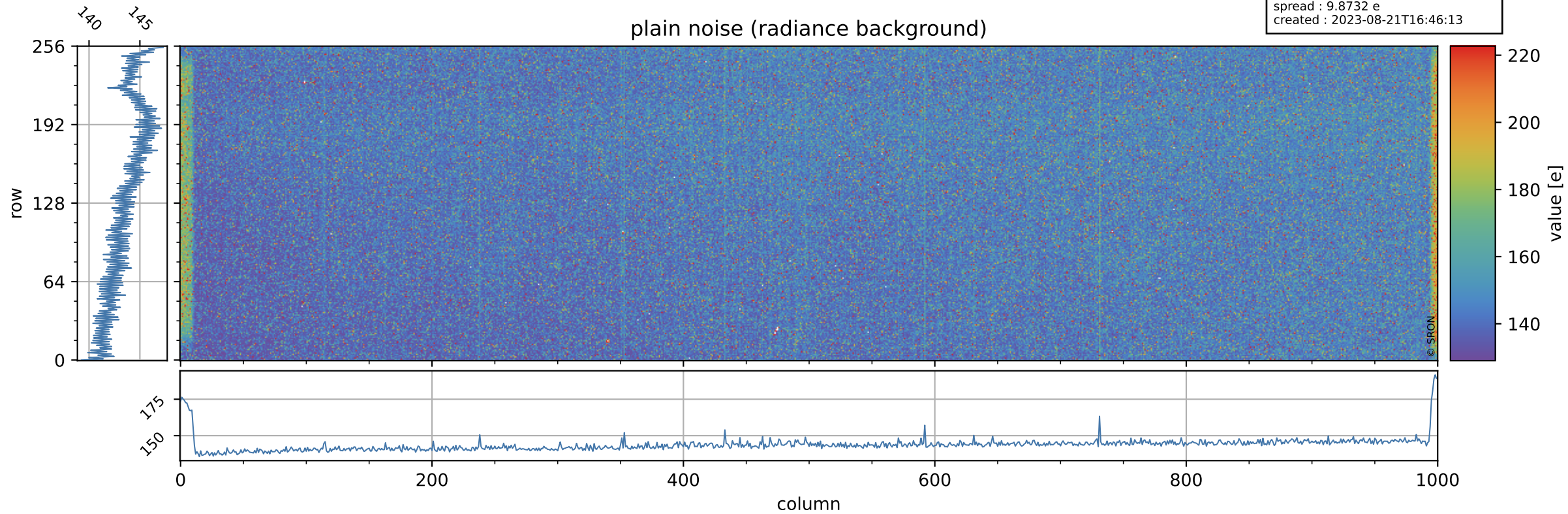
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8732 e
created : 2023-08-21T16:46:13

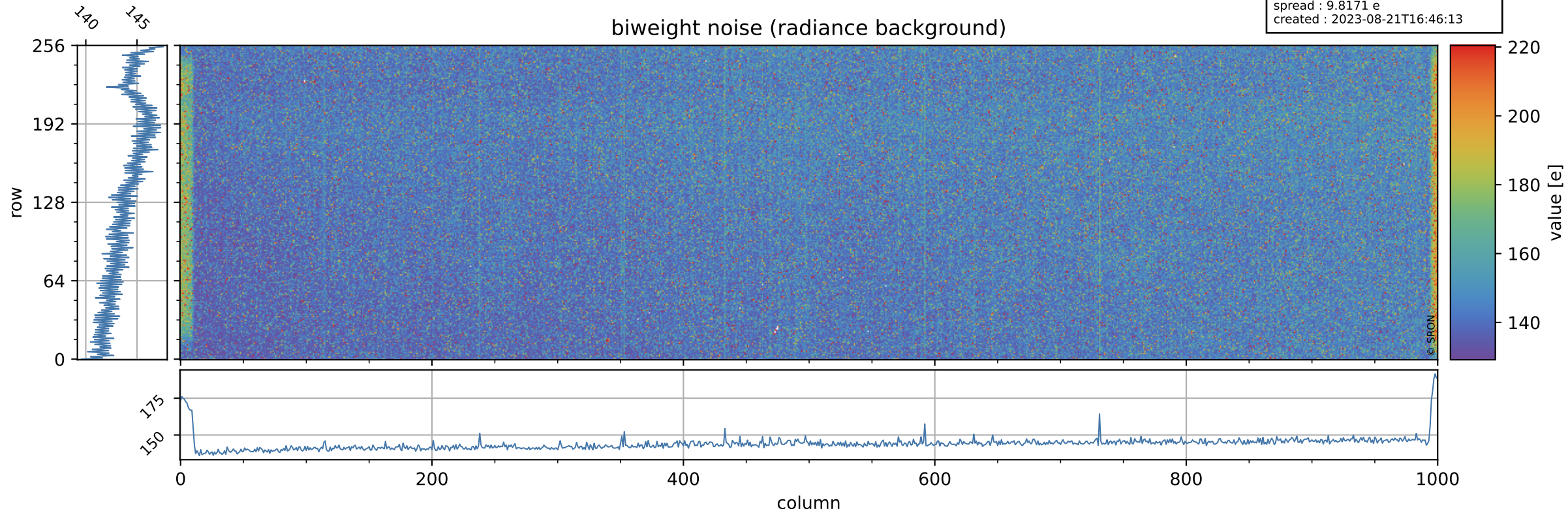
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8171 e
created : 2023-08-21T16:46:13

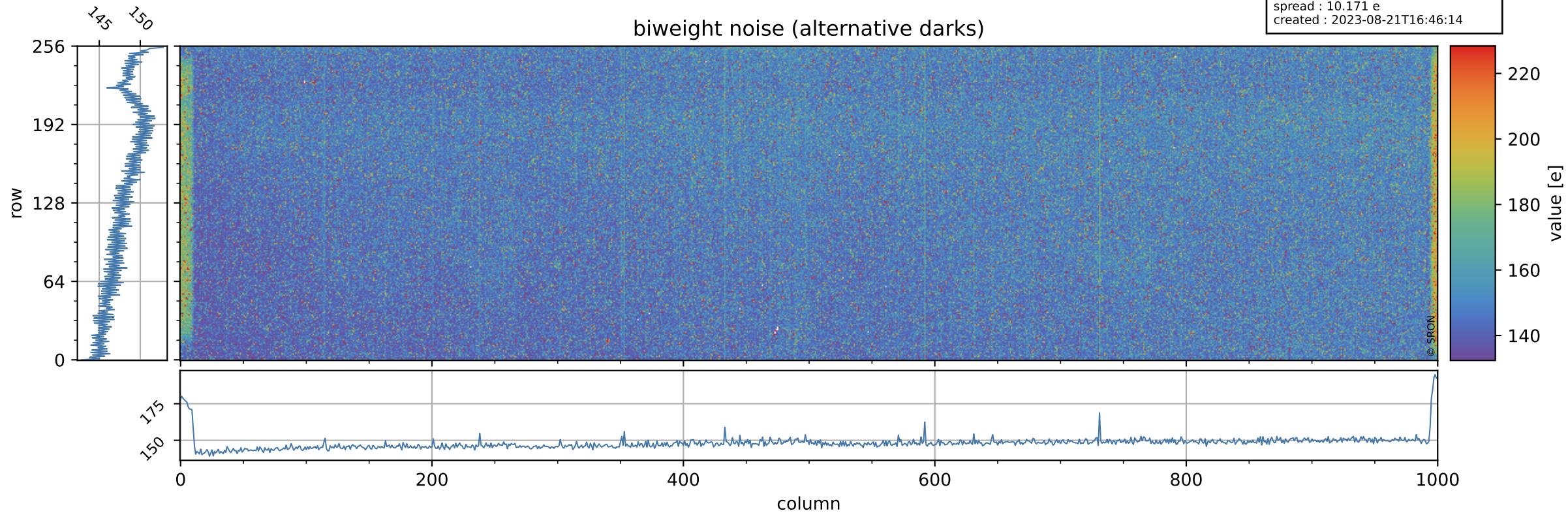
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.171 e
created : 2023-08-21T16:46:14

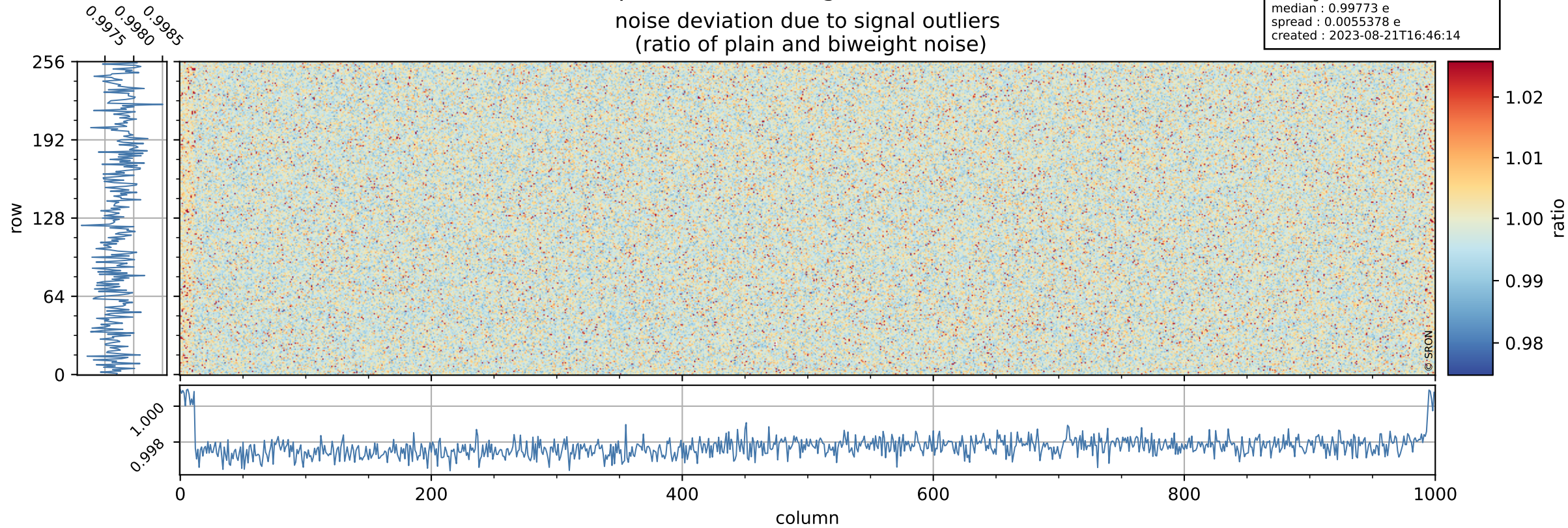
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

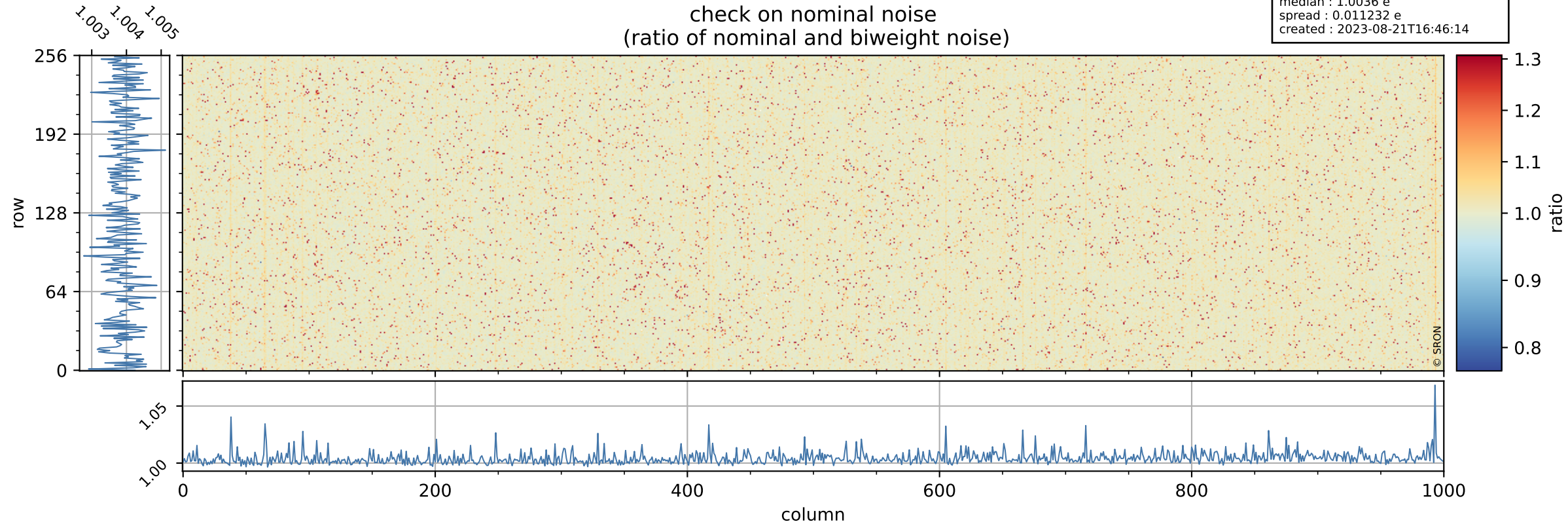
orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
median : 0.99773 e
spread : 0.0055378 e
created : 2023-08-21T16:46:14



Tropomi SWIR background noise (swir)

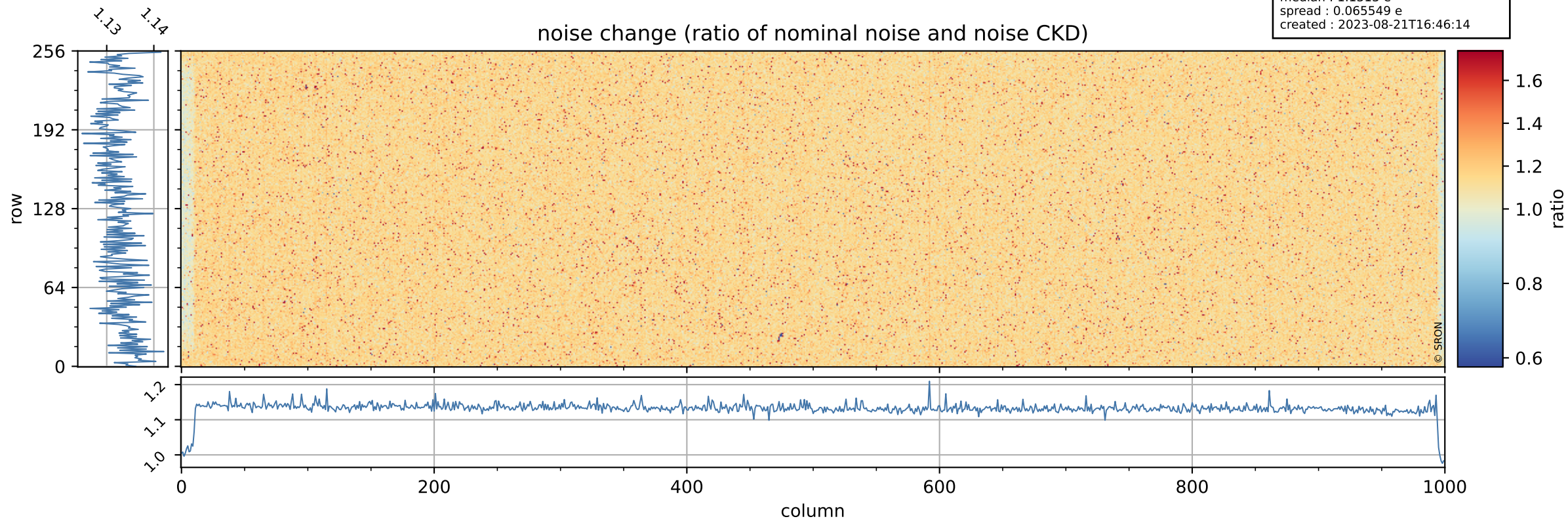
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
median : 1.0036 e
spread : 0.011232 e
created : 2023-08-21T16:46:14



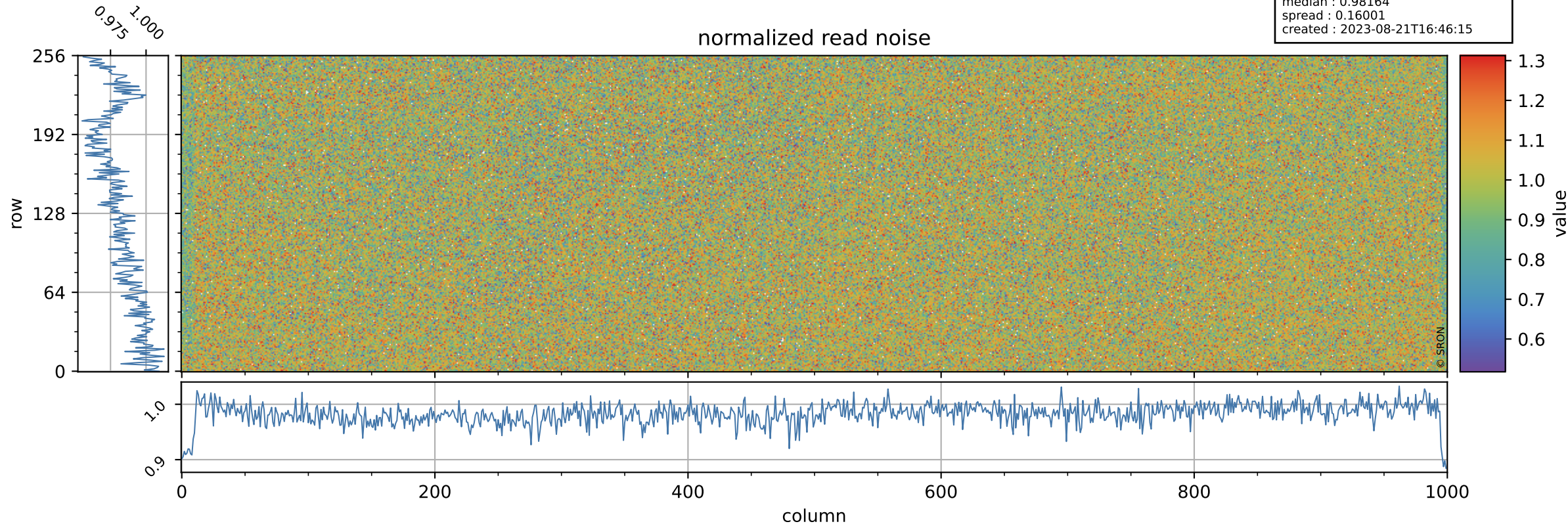
Tropomi SWIR background noise (swir)

orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
median : 1.1313 e
spread : 0.065549 e
created : 2023-08-21T16:46:14



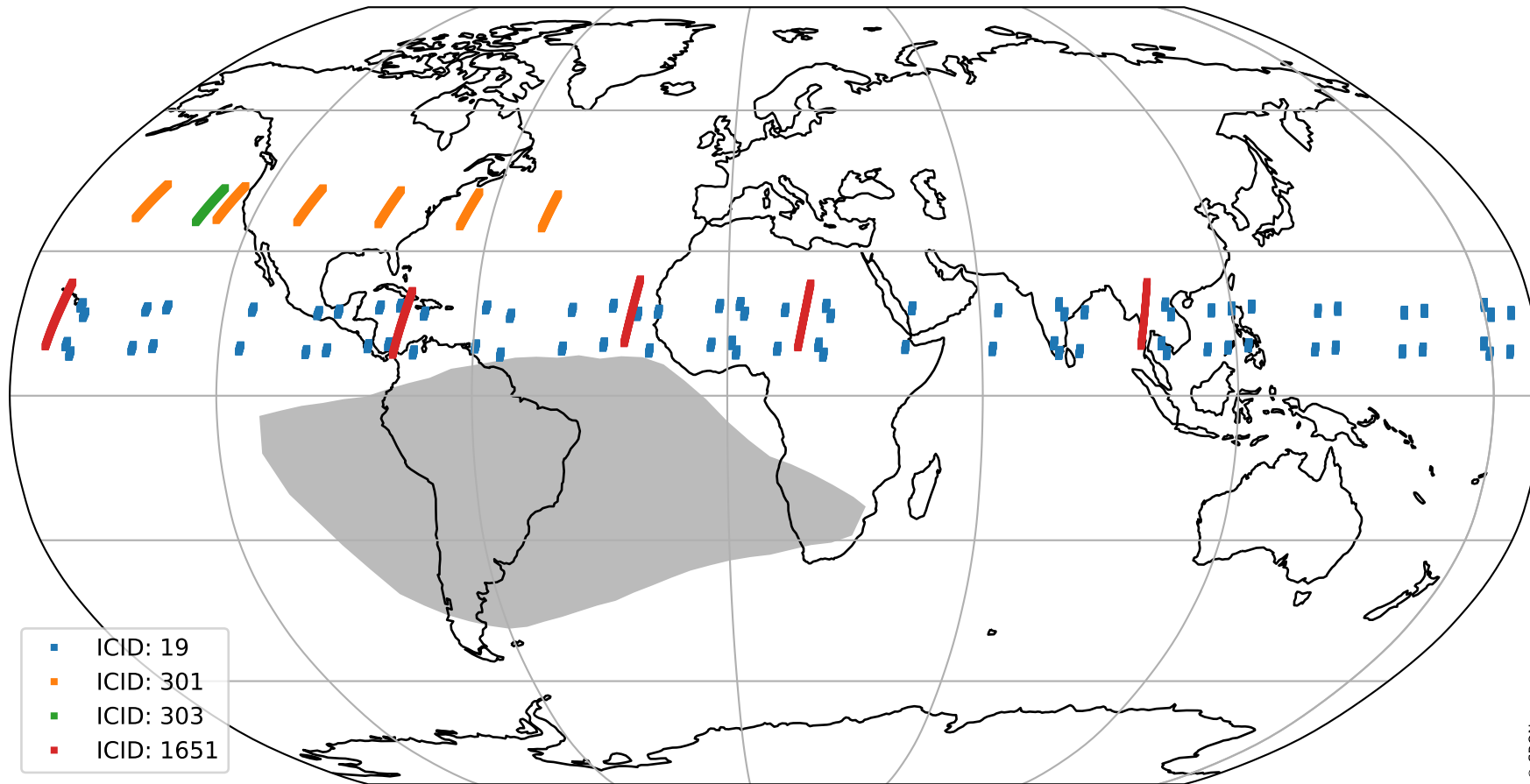
Tropomi SWIR background noise (swir)

orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
median : 0.98164
spread : 0.16001
created : 2023-08-21T16:46:15



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

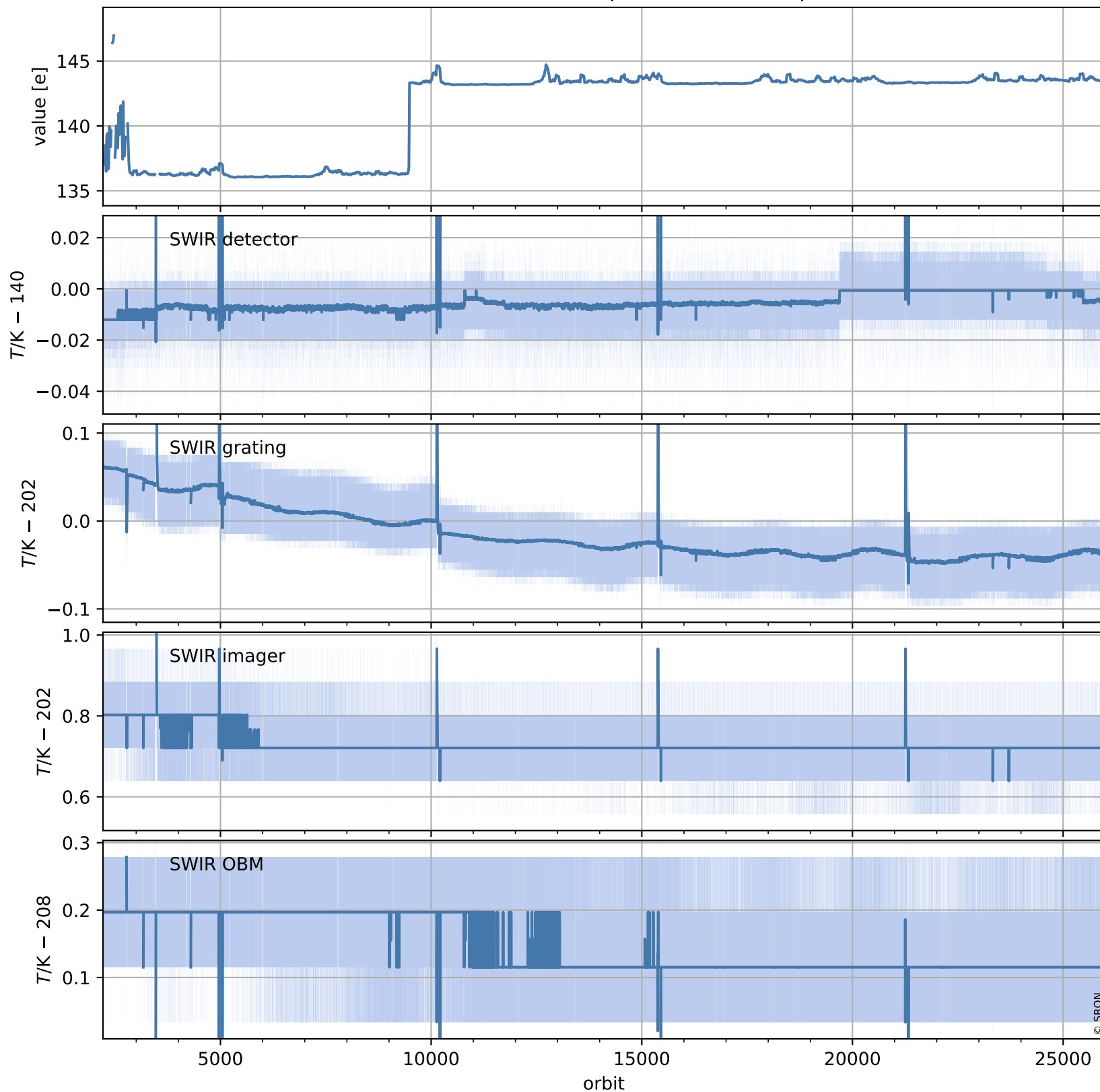
orbits : 12 in [25897, 25987]
coverage : 2022-10-13 / 2022-10-19
created : 2023-08-21T16:46:15



Tropomi SWIR background noise (swir)

orbits : [2212, 25987]
coverage : 2018-03-18 / 2022-10-19
created : 2023-08-21T16:46:16

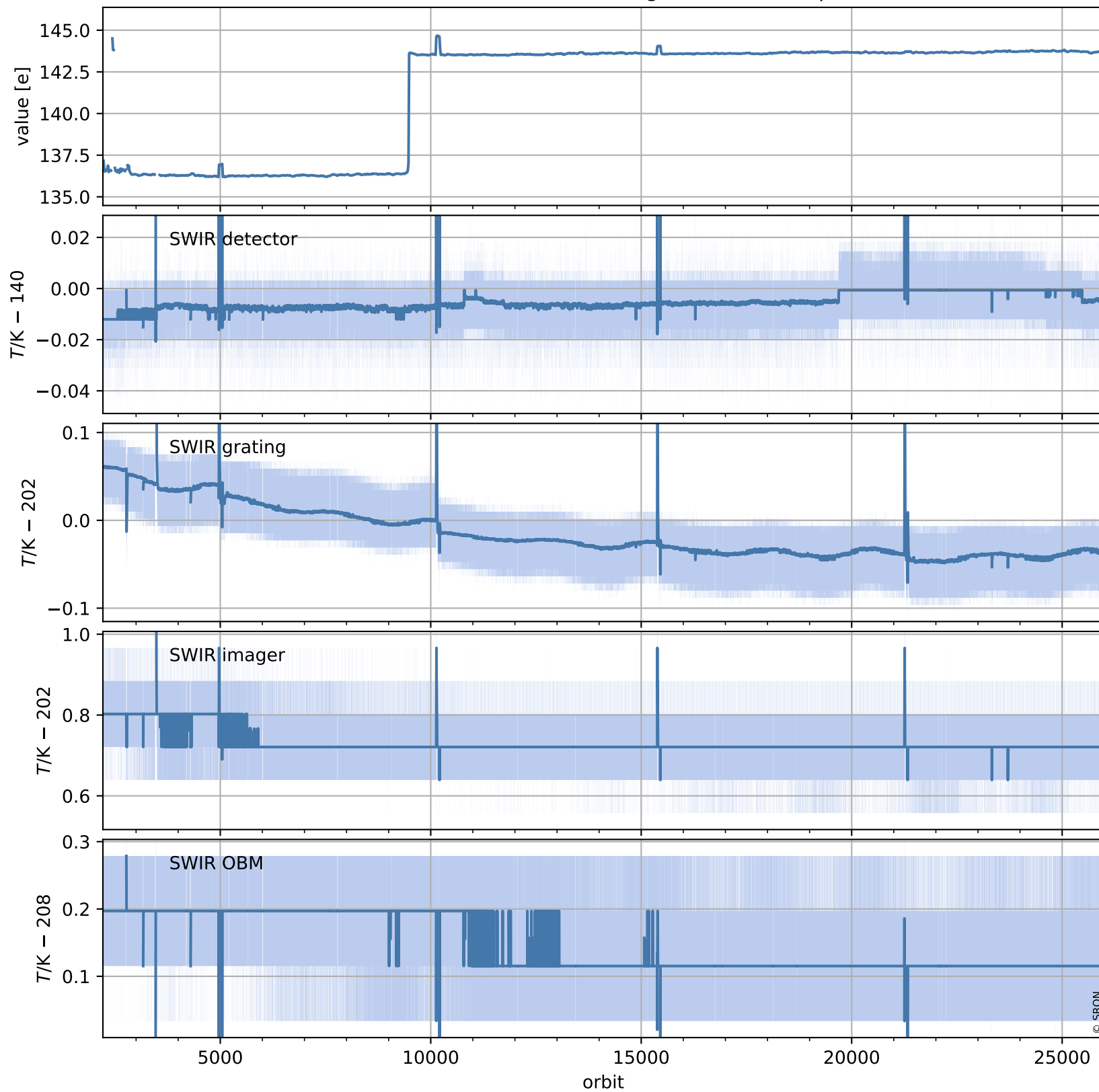
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25987]
coverage : 2018-03-18 / 2022-10-19
created : 2023-08-21T16:46:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25987]
coverage : 2018-03-18 / 2022-10-19
created : 2023-08-21T16:46:17

trend of normalized read-noise & temperatures

