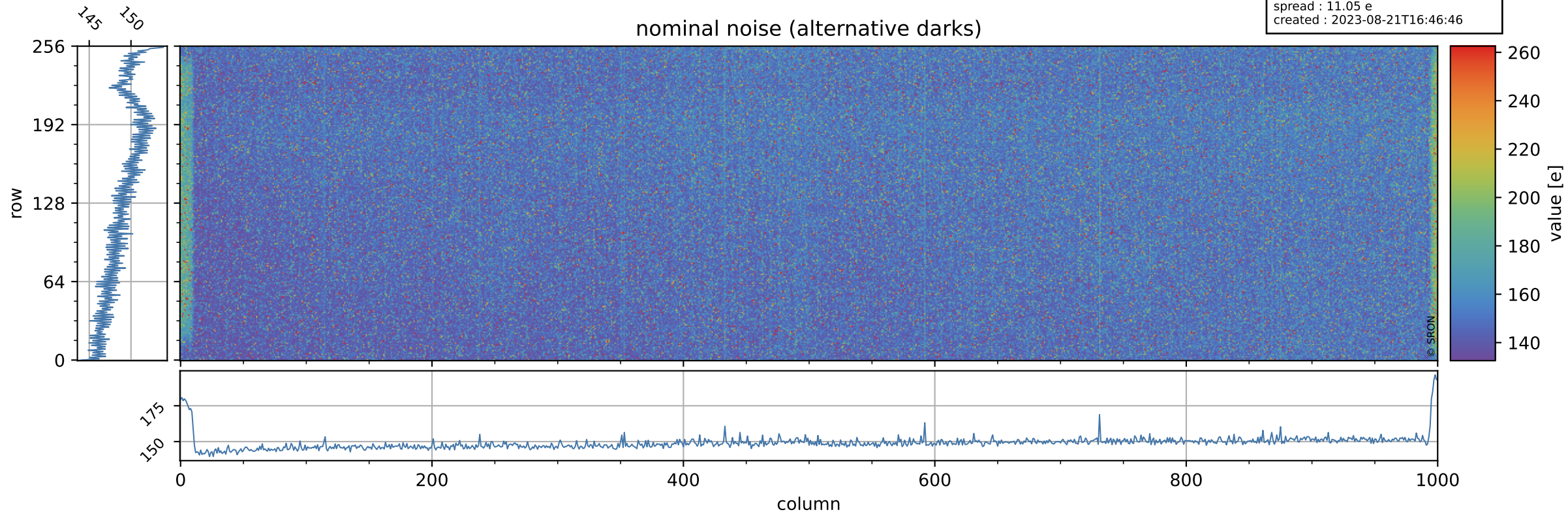


Tropomi SWIR background noise (swir)

orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
n_coad, t_exp : 1, 1.0783
median : 148.92 e
spread : 11.05 e
created : 2023-08-21T16:46:46

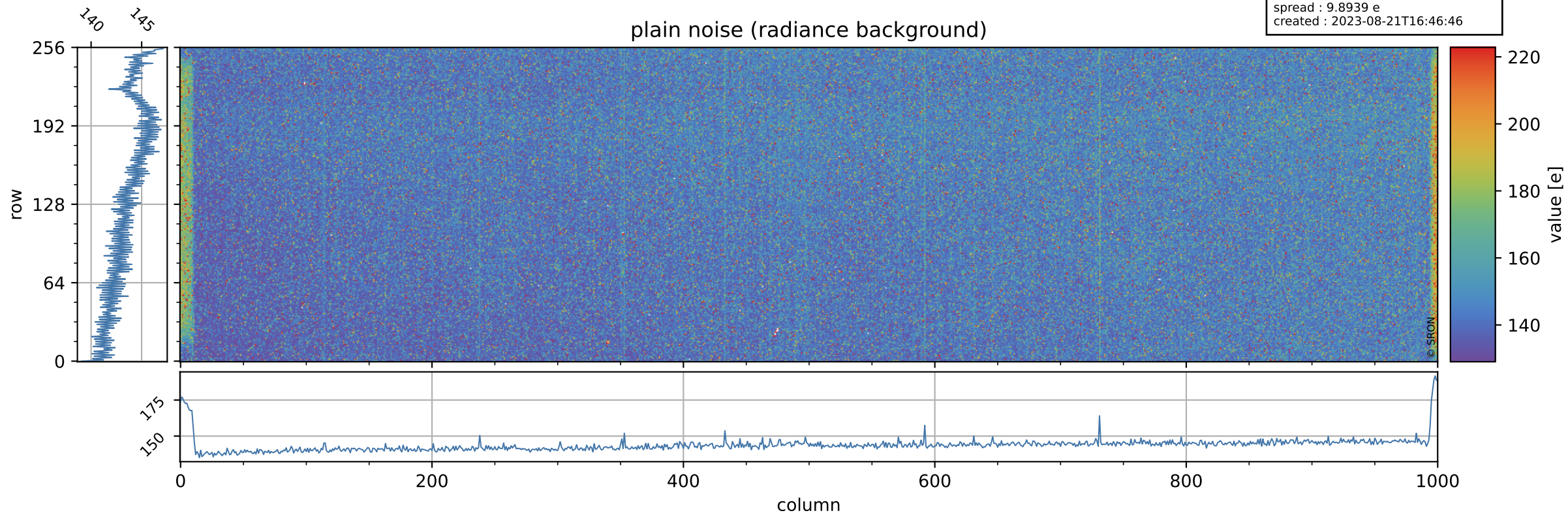
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8939 e
created : 2023-08-21T16:46:46

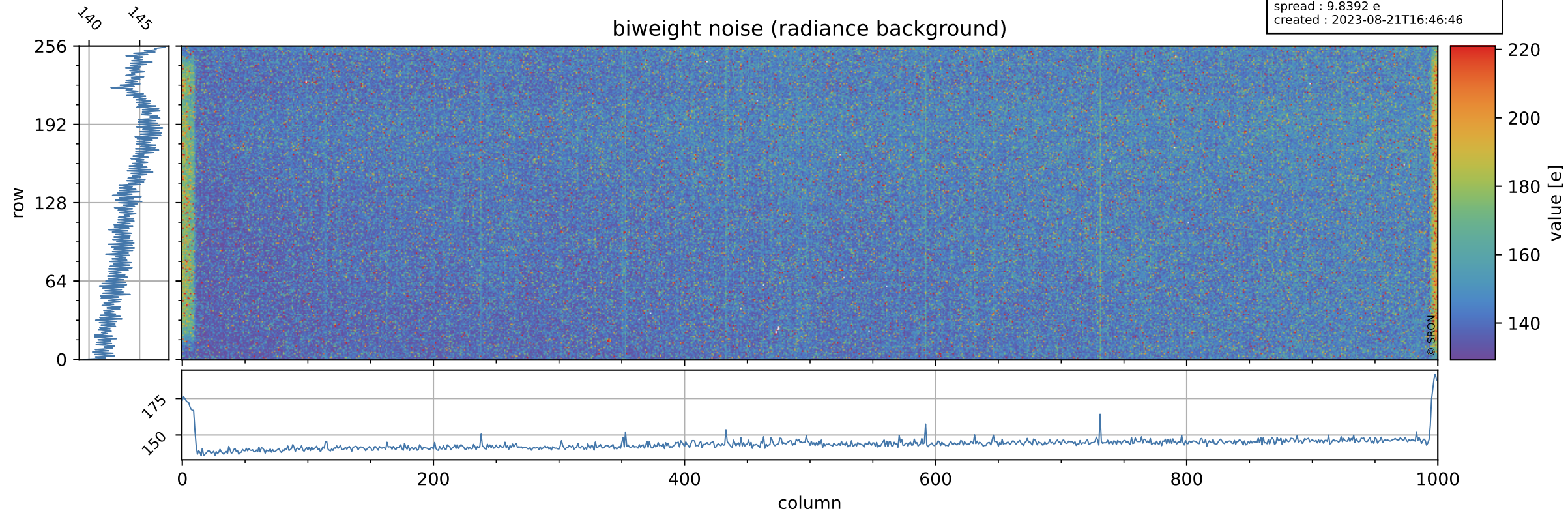
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8392 e
created : 2023-08-21T16:46:46

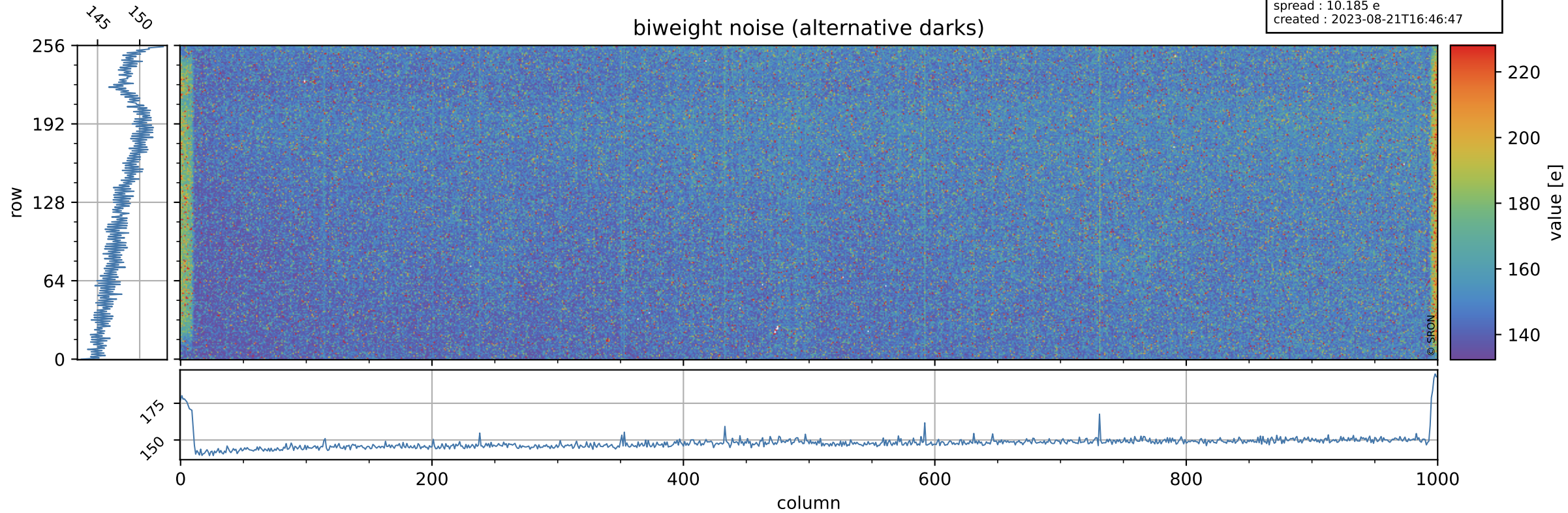
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.185 e
created : 2023-08-21T16:46:47

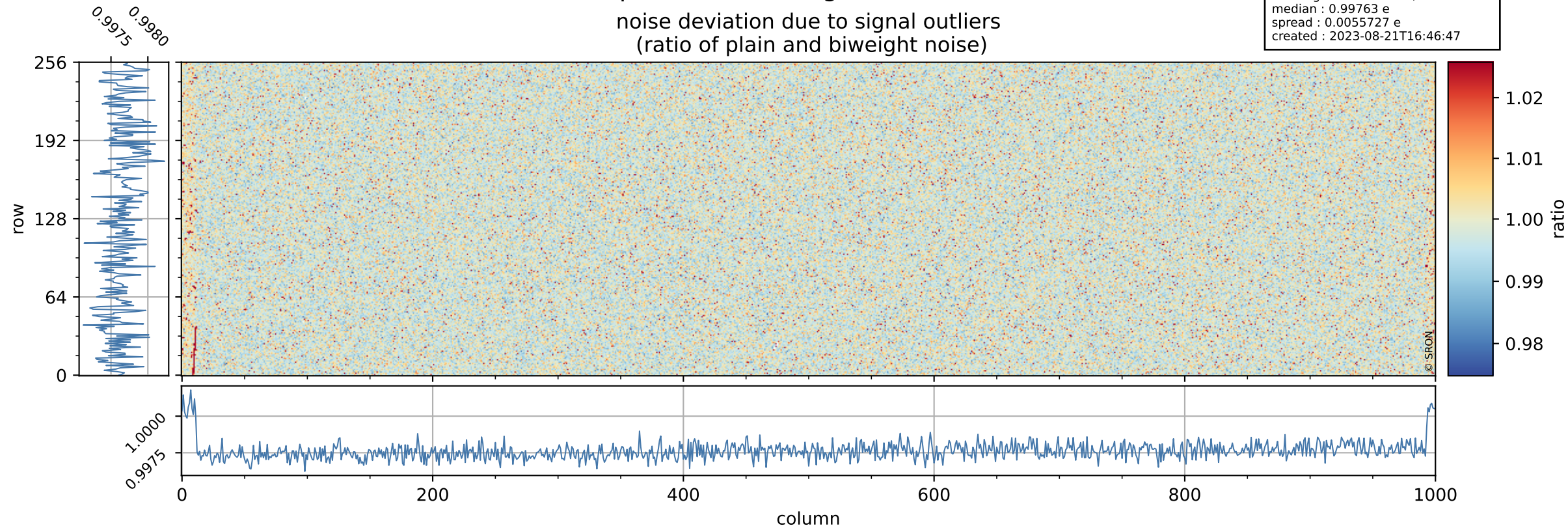
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

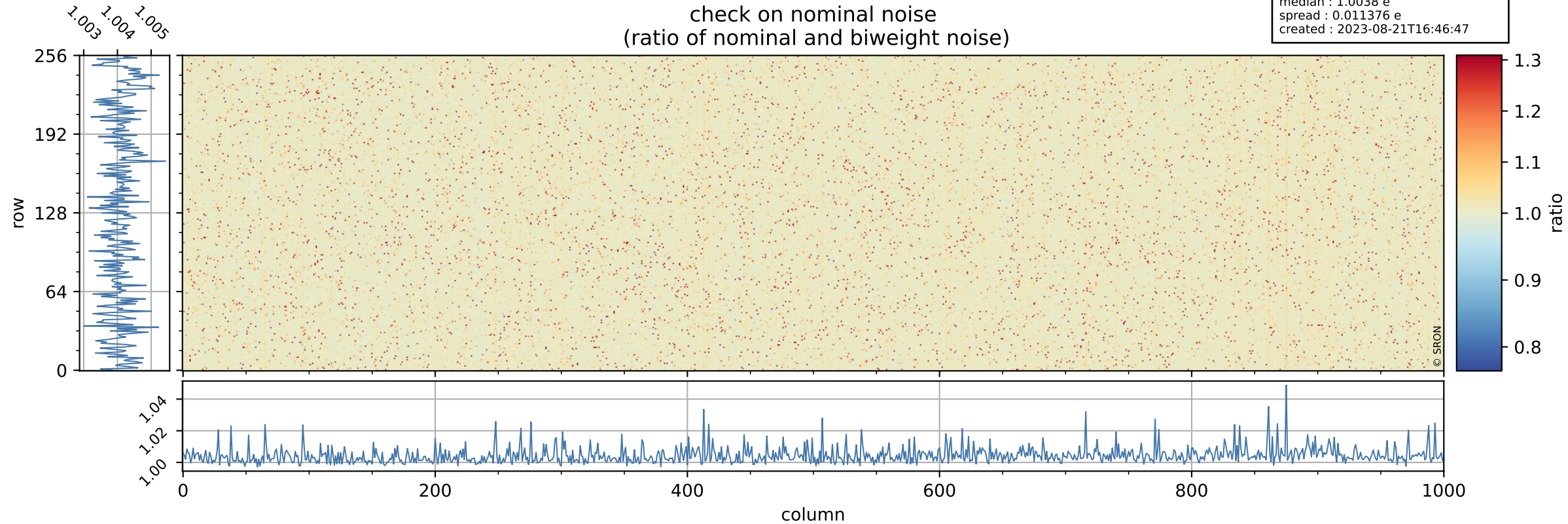
orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
median : 0.99763 e
spread : 0.0055727 e
created : 2023-08-21T16:46:47



Tropomi SWIR background noise (swir)

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

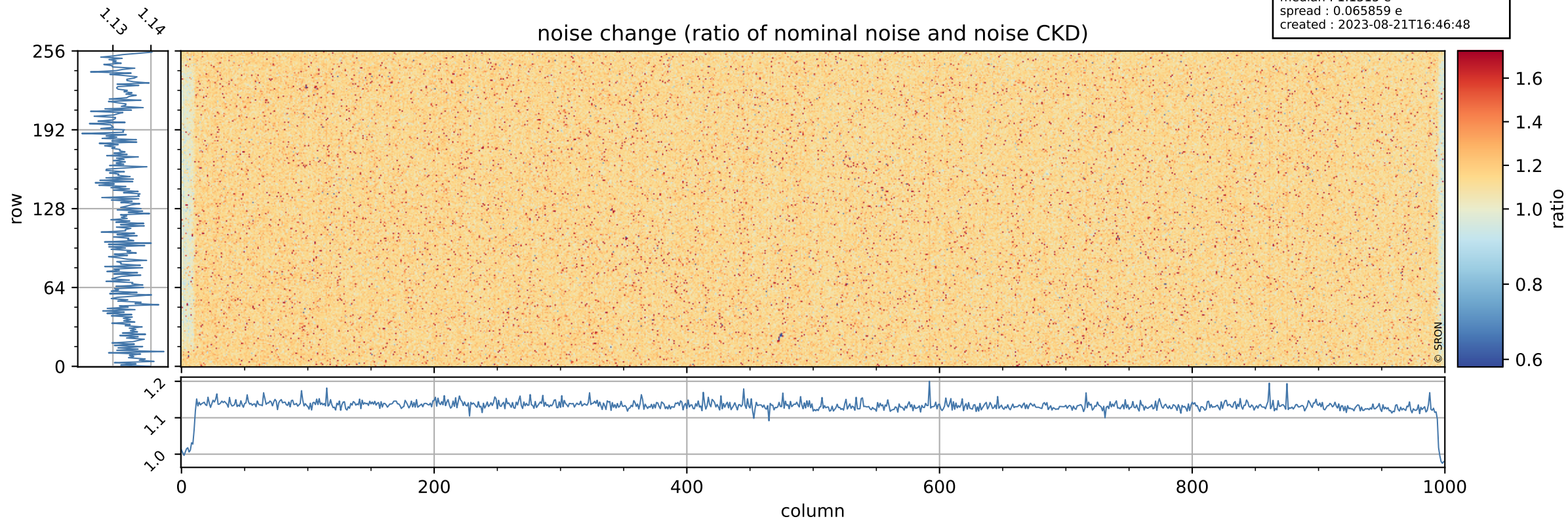
orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
median : 1.0038 e
spread : 0.011376 e
created : 2023-08-21T16:46:47



Tropomi SWIR background noise (swir)

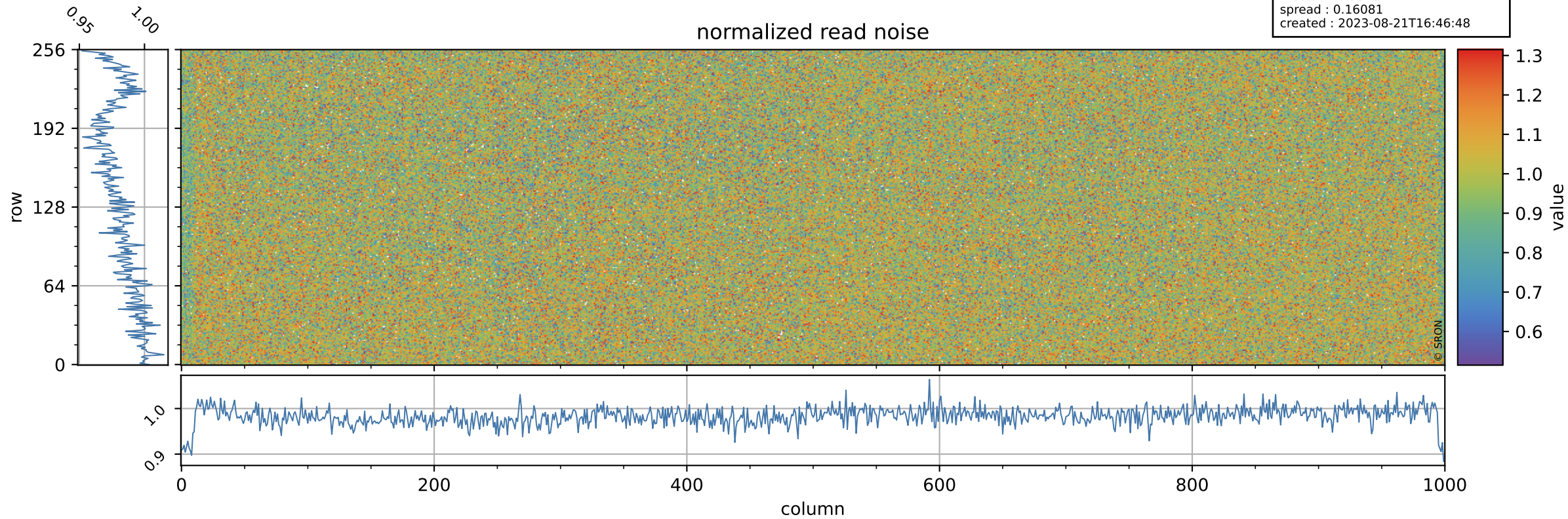
orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
median : 1.1315 e
spread : 0.065859 e
created : 2023-08-21T16:46:48

noise change (ratio of nominal noise and noise CKD)



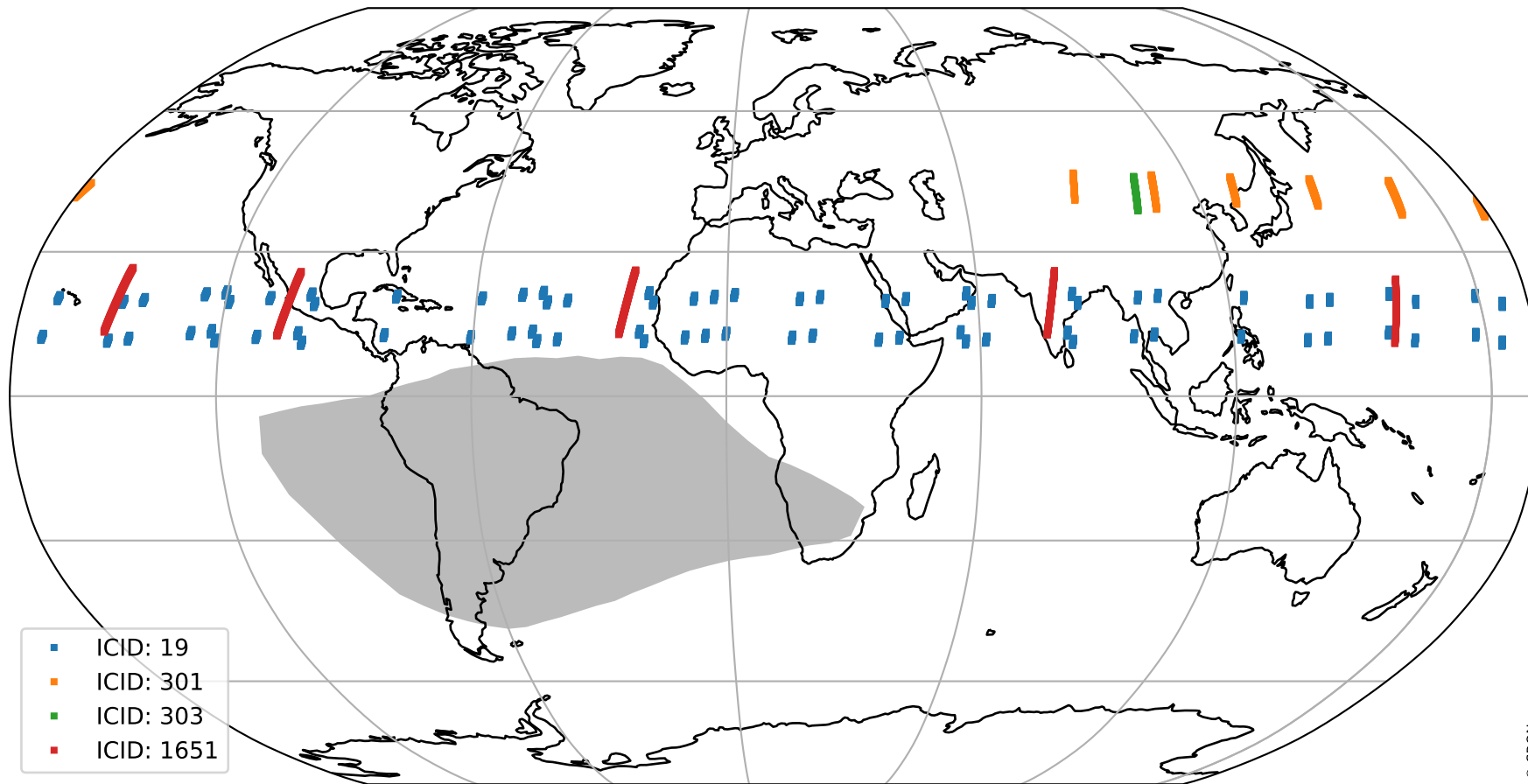
Tropomi SWIR background noise (swir)

orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
median : 0.98182
spread : 0.16081
created : 2023-08-21T16:46:48



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

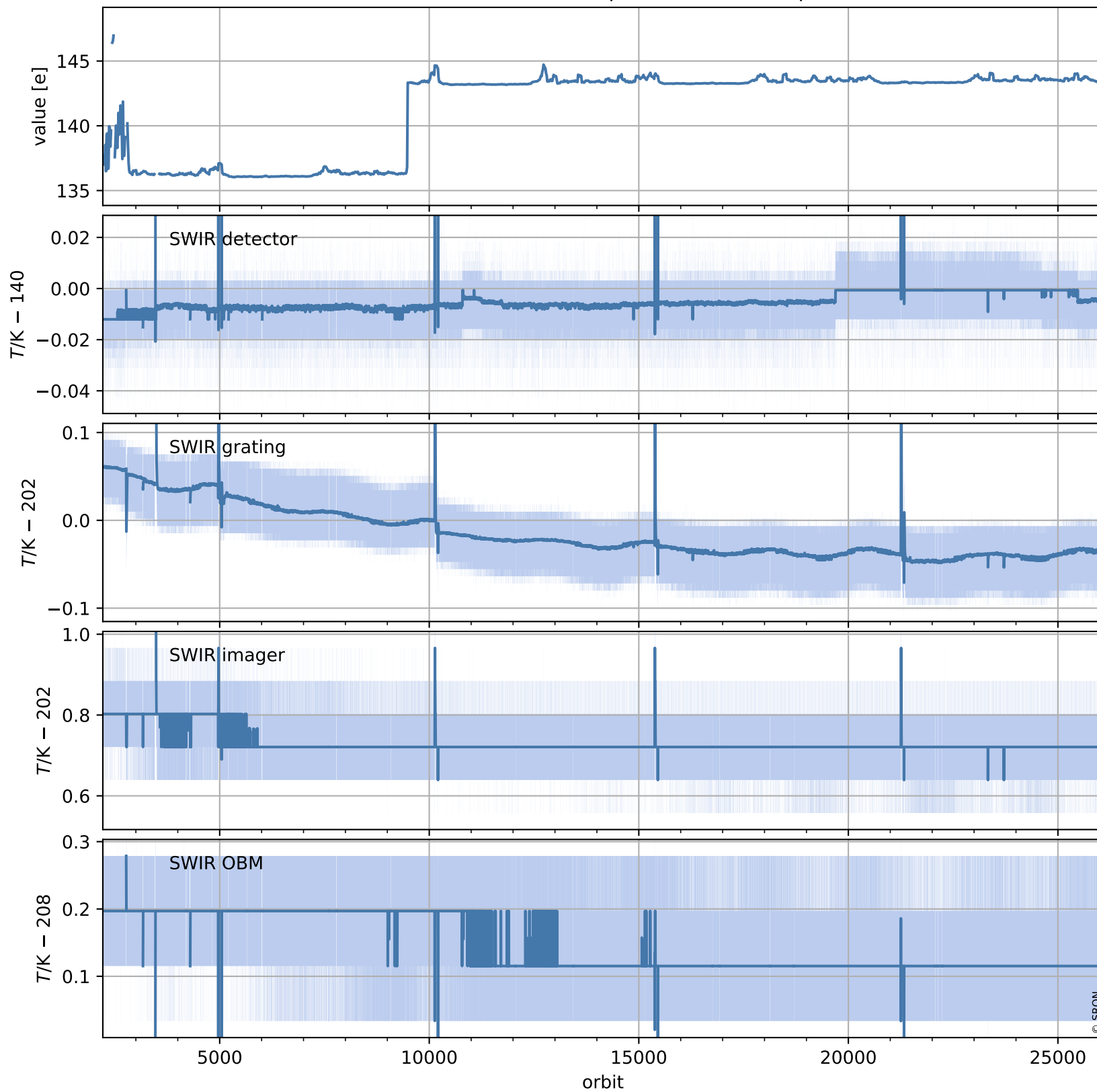
orbits : 12 in [25987, 26077]
coverage : 2022-10-19 / 2022-10-25
created : 2023-08-21T16:46:48



Tropomi SWIR background noise (swir)

orbits : [2212, 26077]
coverage : 2018-03-18 / 2022-10-25
created : 2023-08-21T16:46:49

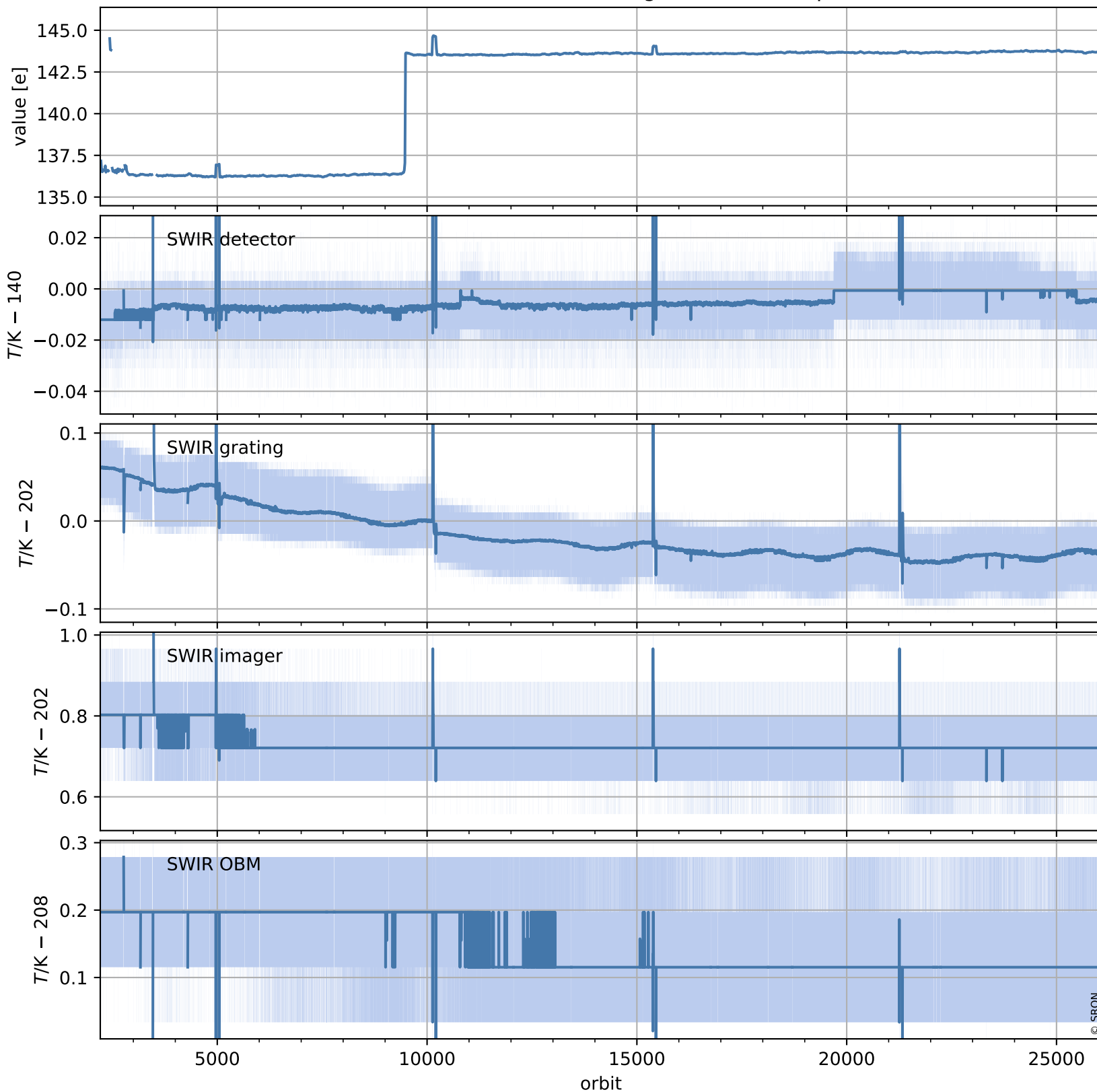
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26077]
coverage : 2018-03-18 / 2022-10-25
created : 2023-08-21T16:46:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26077]
coverage : 2018-03-18 / 2022-10-25
created : 2023-08-21T16:46:50

trend of normalized read-noise & temperatures

