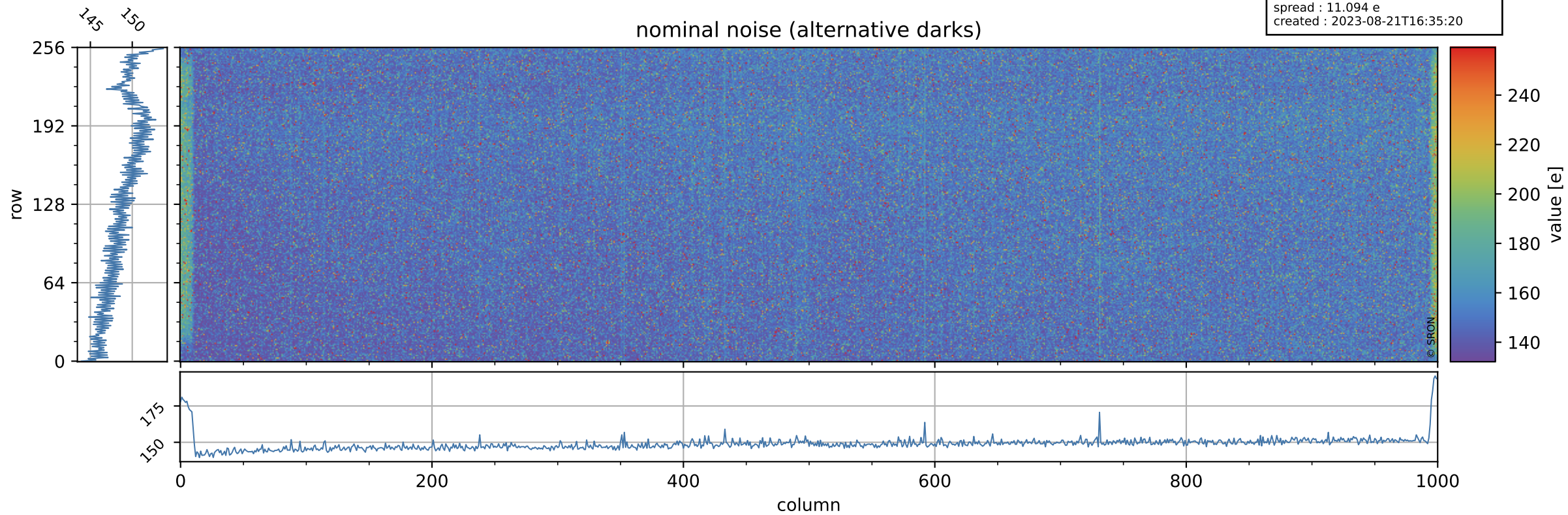


Tropomi SWIR background noise (swir)

orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 11.094 e
created : 2023-08-21T16:35:20

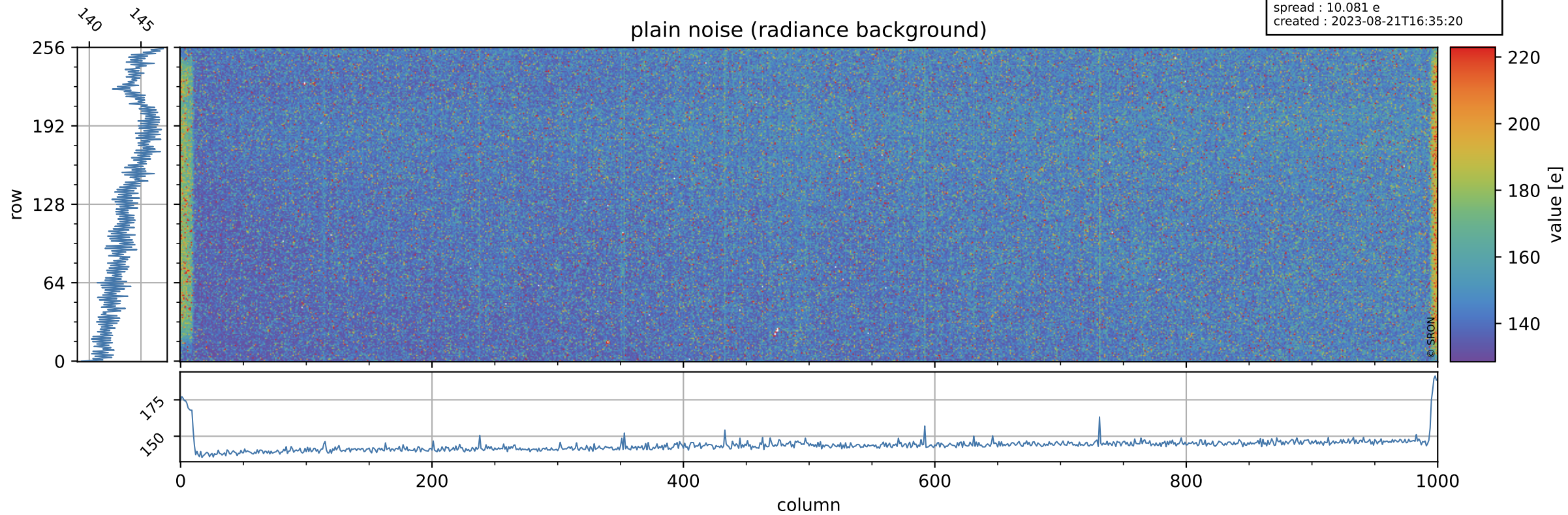
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 10.081 e
created : 2023-08-21T16:35:20

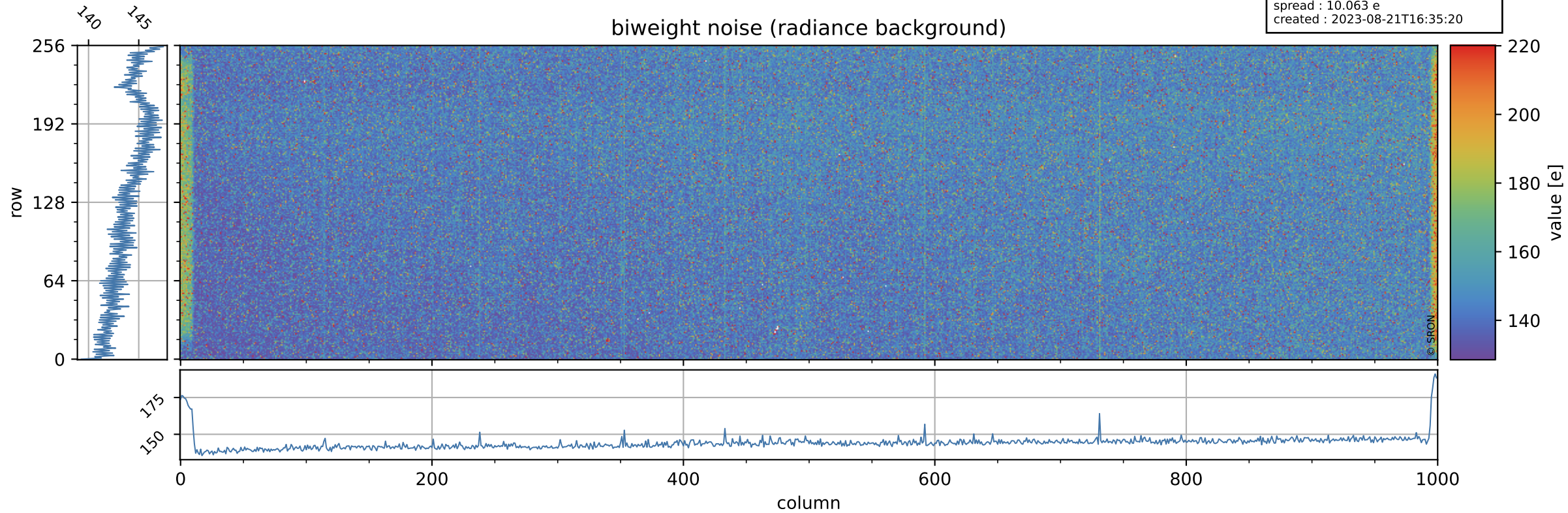
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 10.063 e
created : 2023-08-21T16:35:20

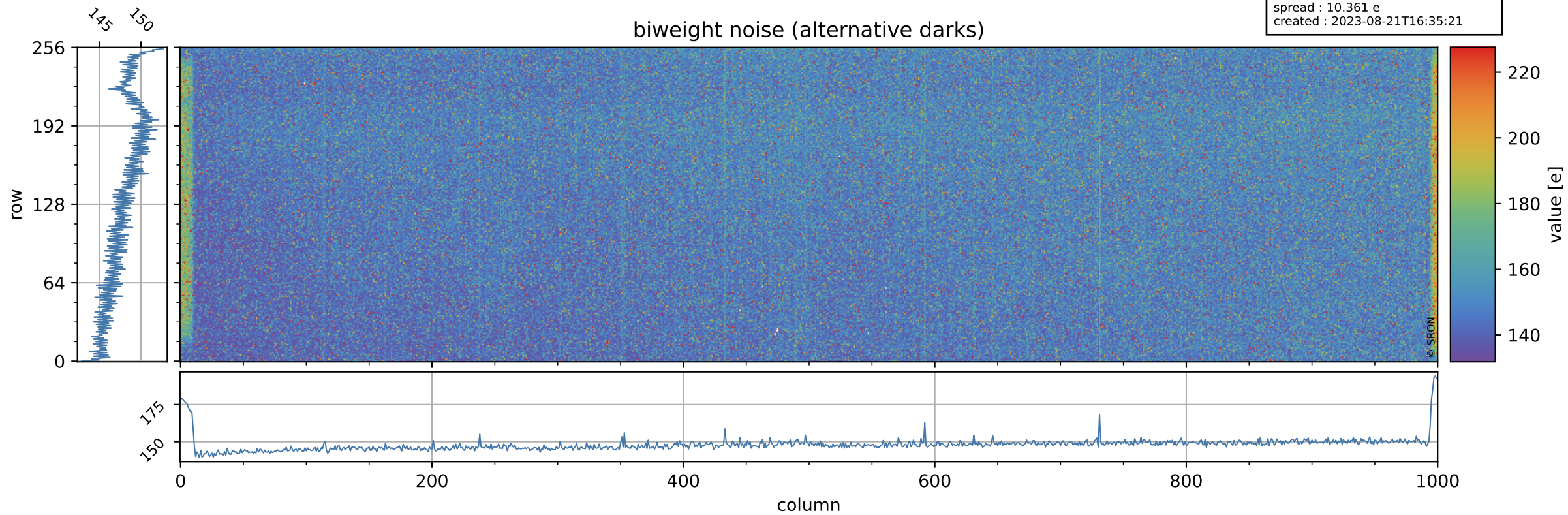
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.361 e
created : 2023-08-21T16:35:21

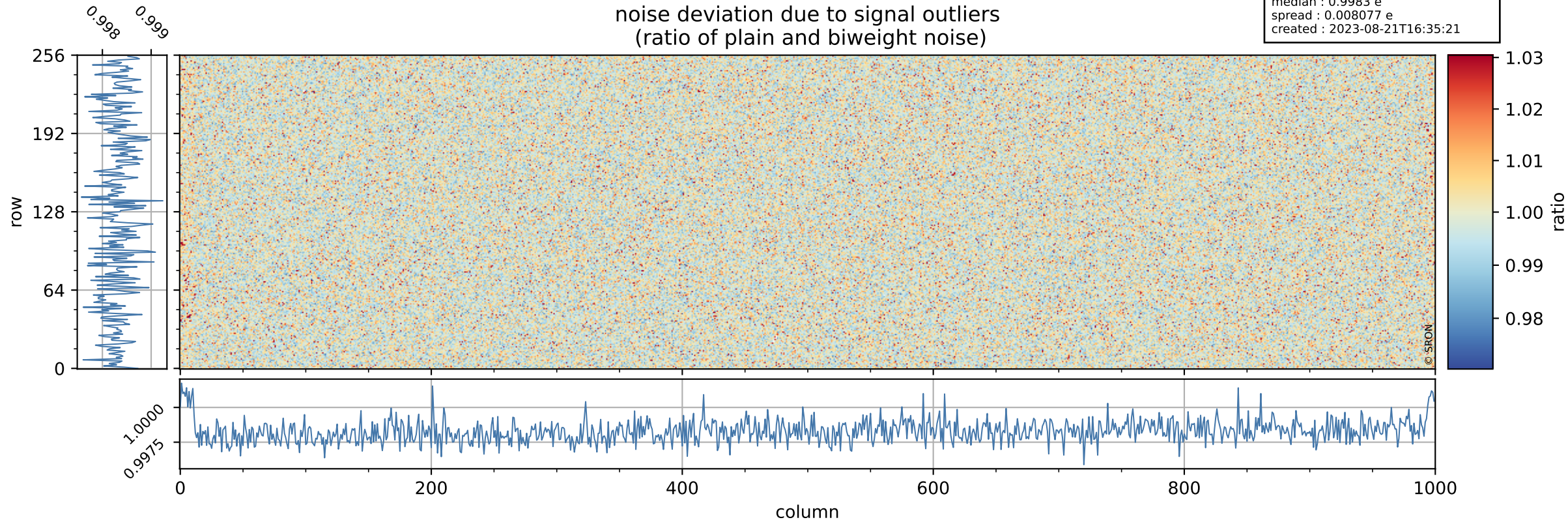
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

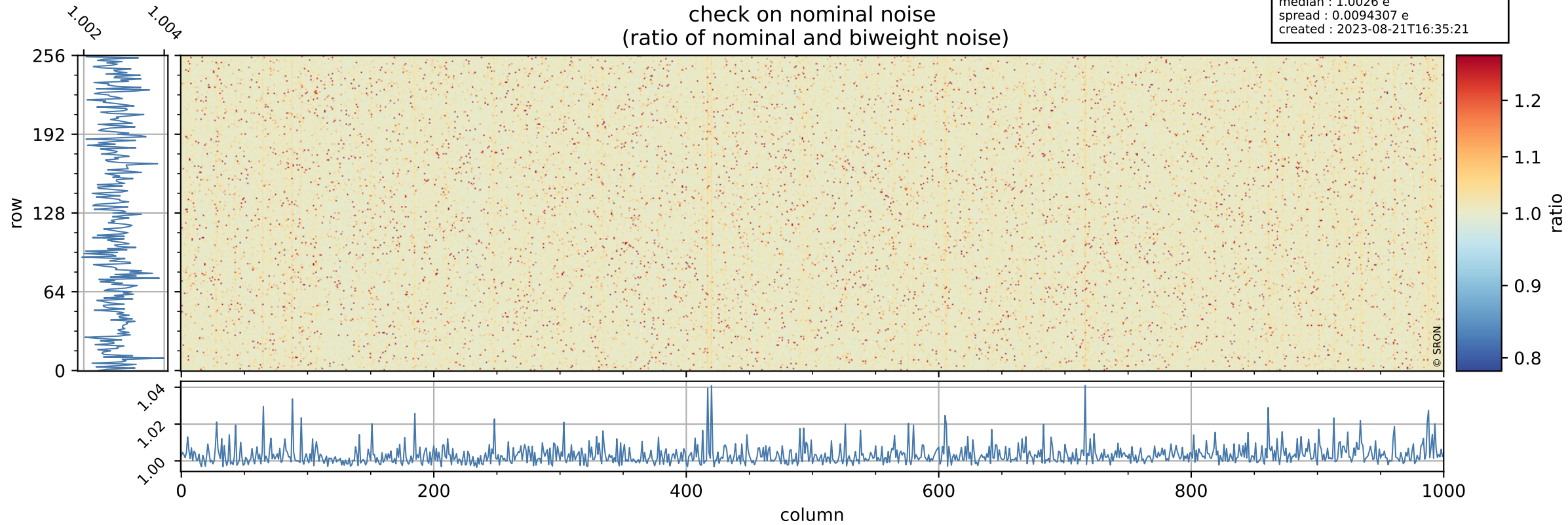
orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
median : 0.9983 e
spread : 0.008077 e
created : 2023-08-21T16:35:21



Tropomi SWIR background noise (swir)

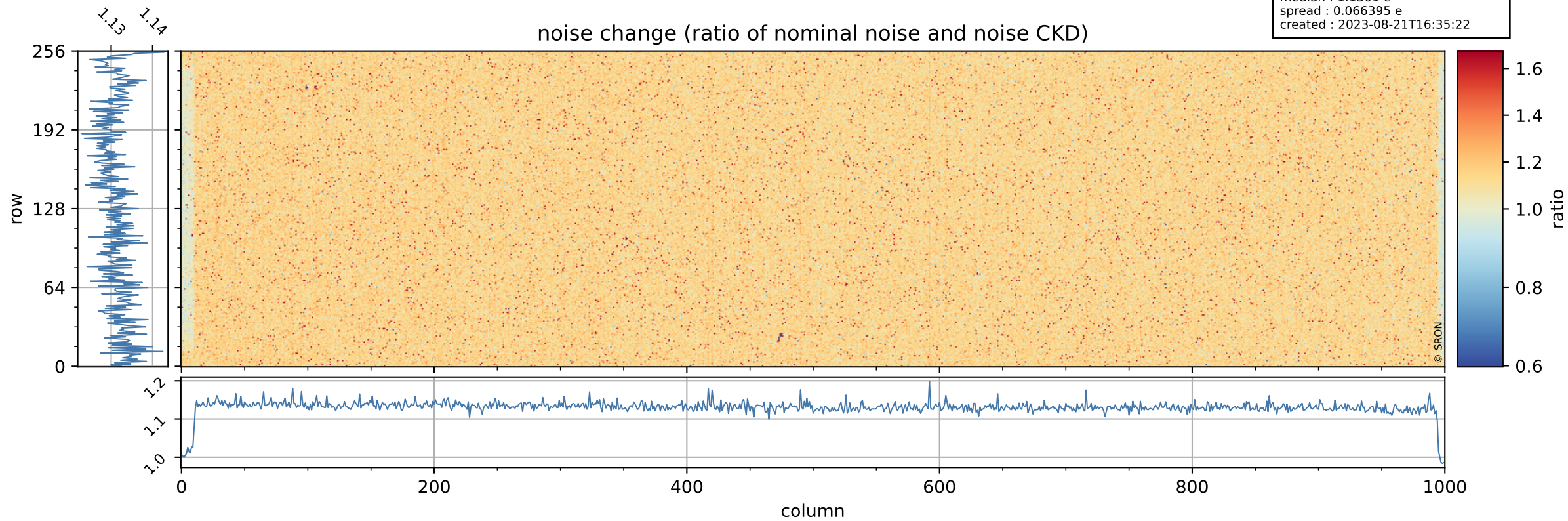
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
median : 1.0026 e
spread : 0.0094307 e
created : 2023-08-21T16:35:21



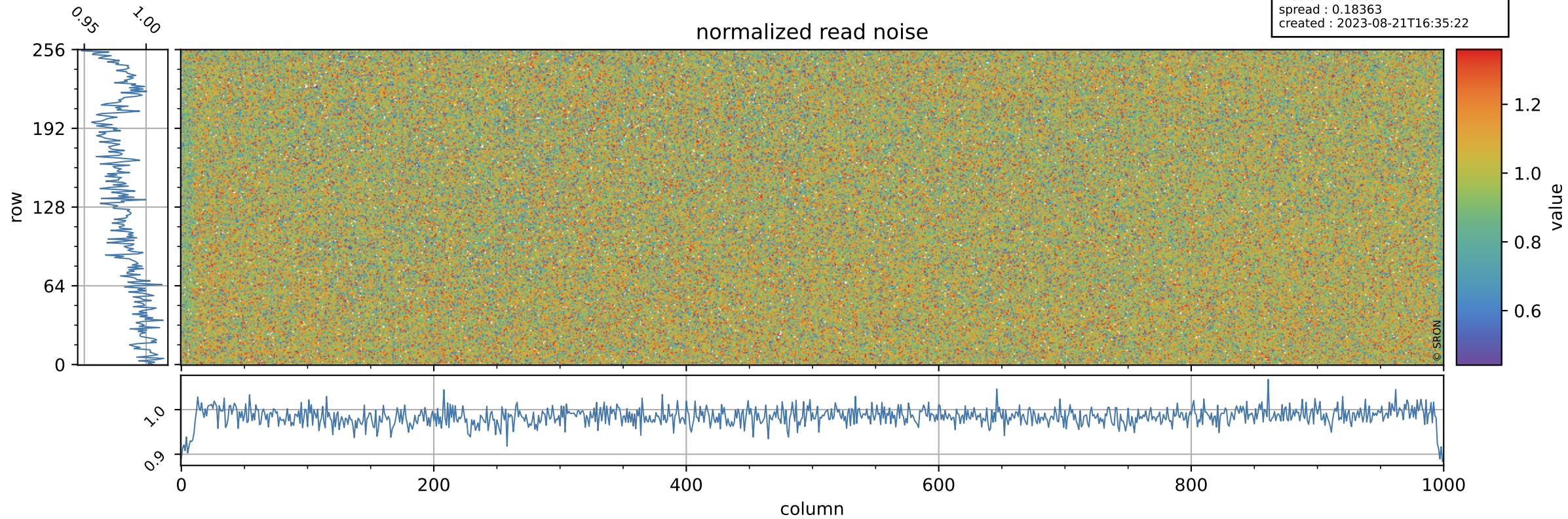
Tropomi SWIR background noise (swir)

orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
median : 1.1301 e
spread : 0.066395 e
created : 2023-08-21T16:35:22



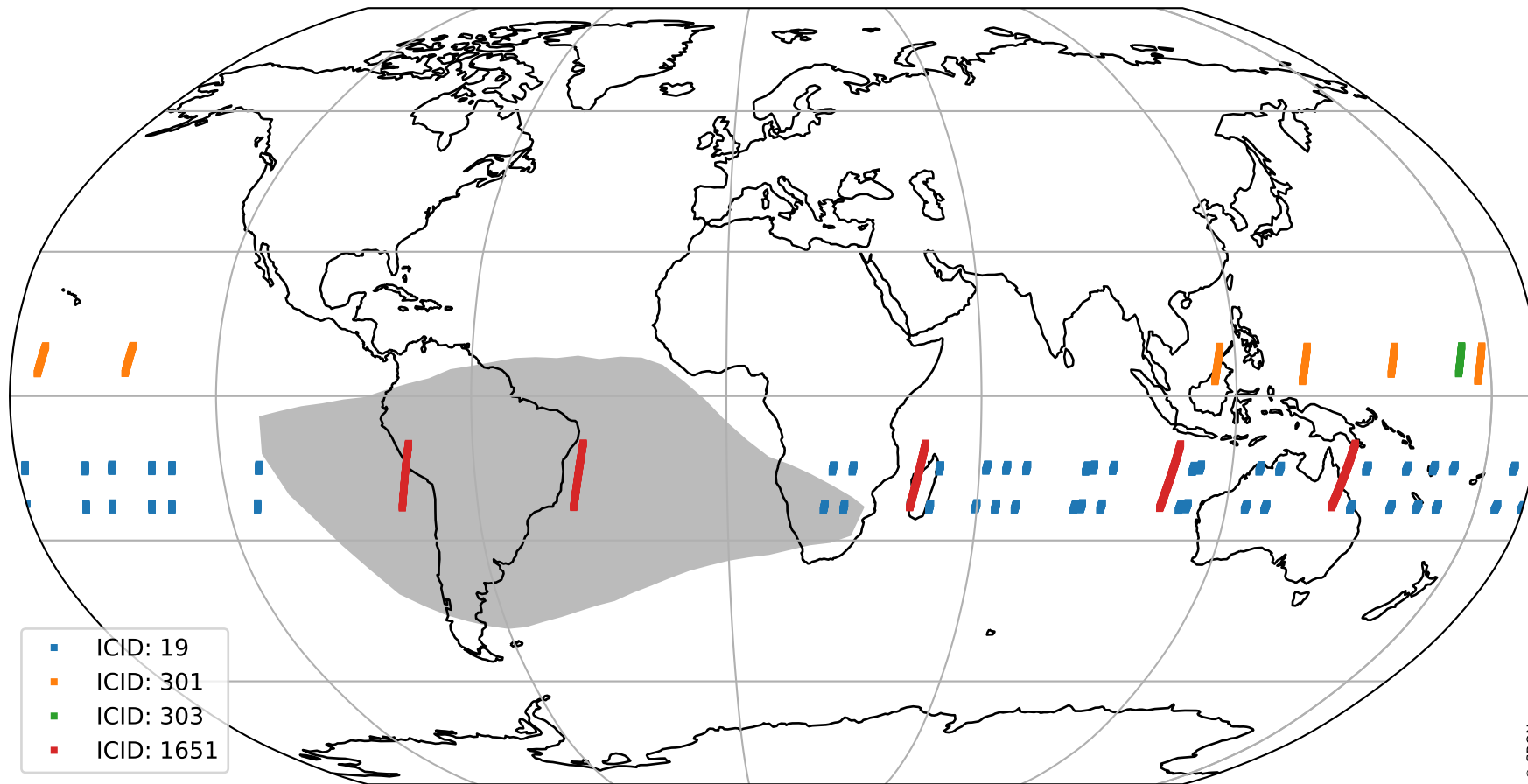
Tropomi SWIR background noise (swir)

orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
median : 0.98306
spread : 0.18363
created : 2023-08-21T16:35:22



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

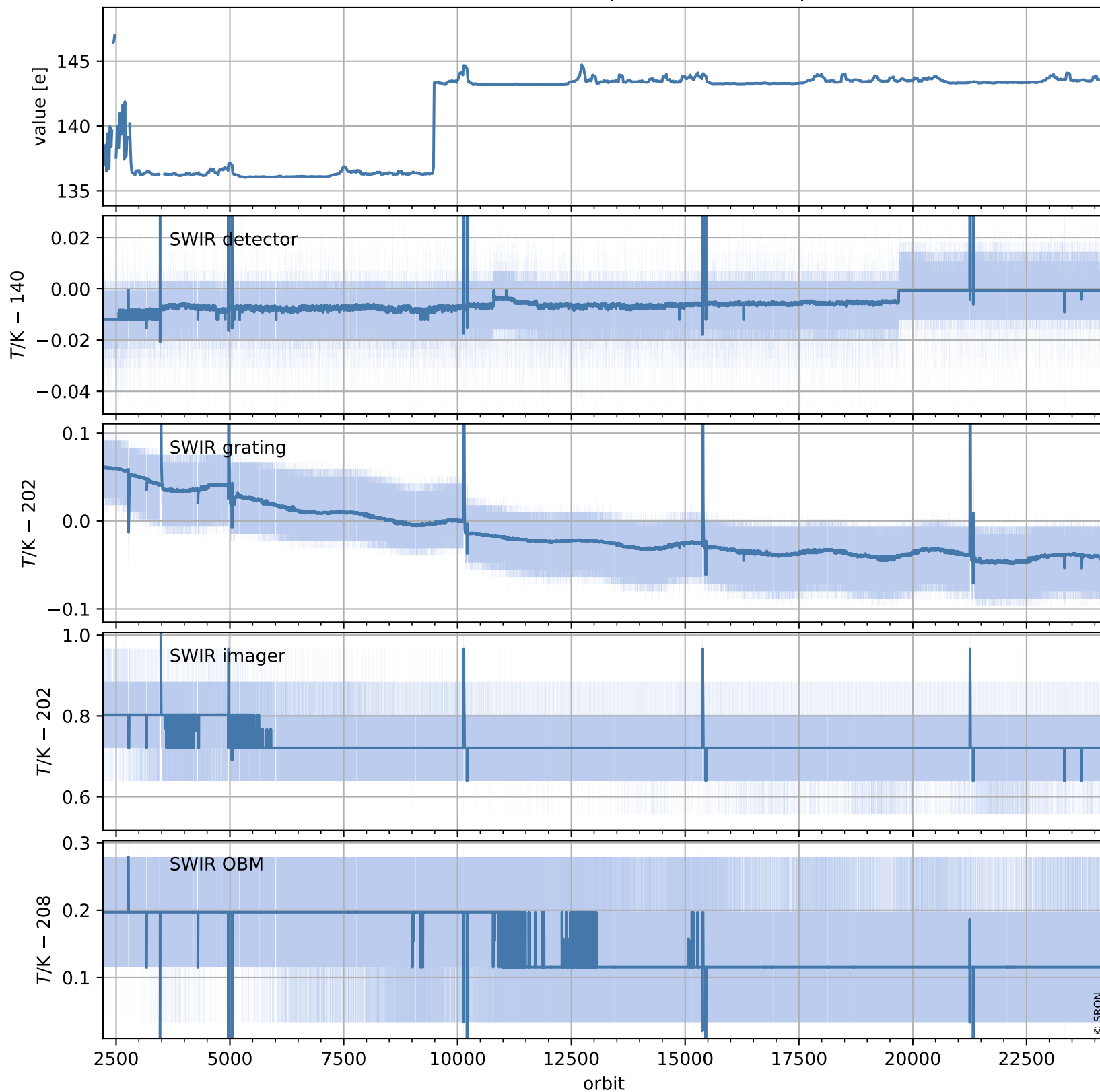
orbits : 12 in [24142, 24217]
coverage : 2022-06-10 / 2022-06-15
created : 2023-08-21T16:35:22



Tropomi SWIR background noise (swir)

orbits : [2212, 24217]
coverage : 2018-03-18 / 2022-06-15
created : 2023-08-21T16:35:23

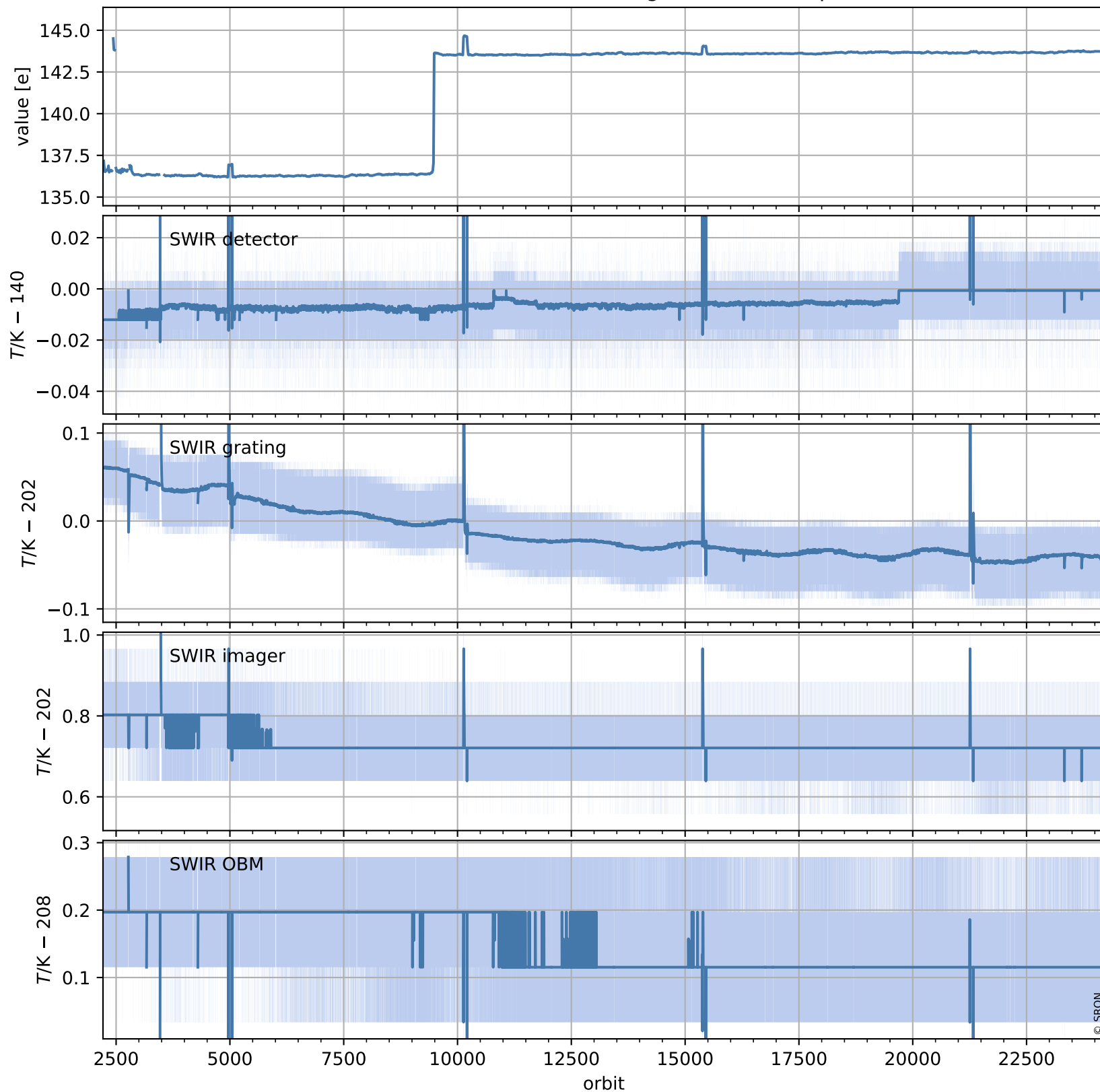
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24217]
coverage : 2018-03-18 / 2022-06-15
created : 2023-08-21T16:35:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24217]
coverage : 2018-03-18 / 2022-06-15
created : 2023-08-21T16:35:25

trend of normalized read-noise & temperatures

