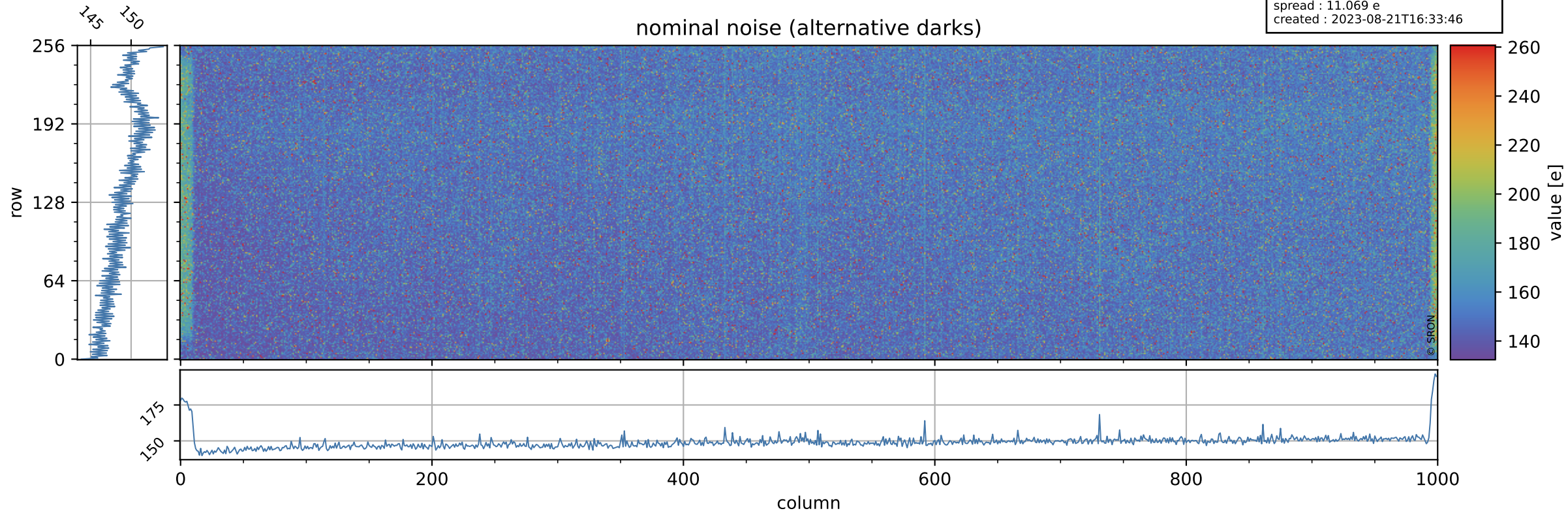


Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
n_coad, t_exp : 1, 1.0783
median : 148.88 e
spread : 11.069 e
created : 2023-08-21T16:33:46

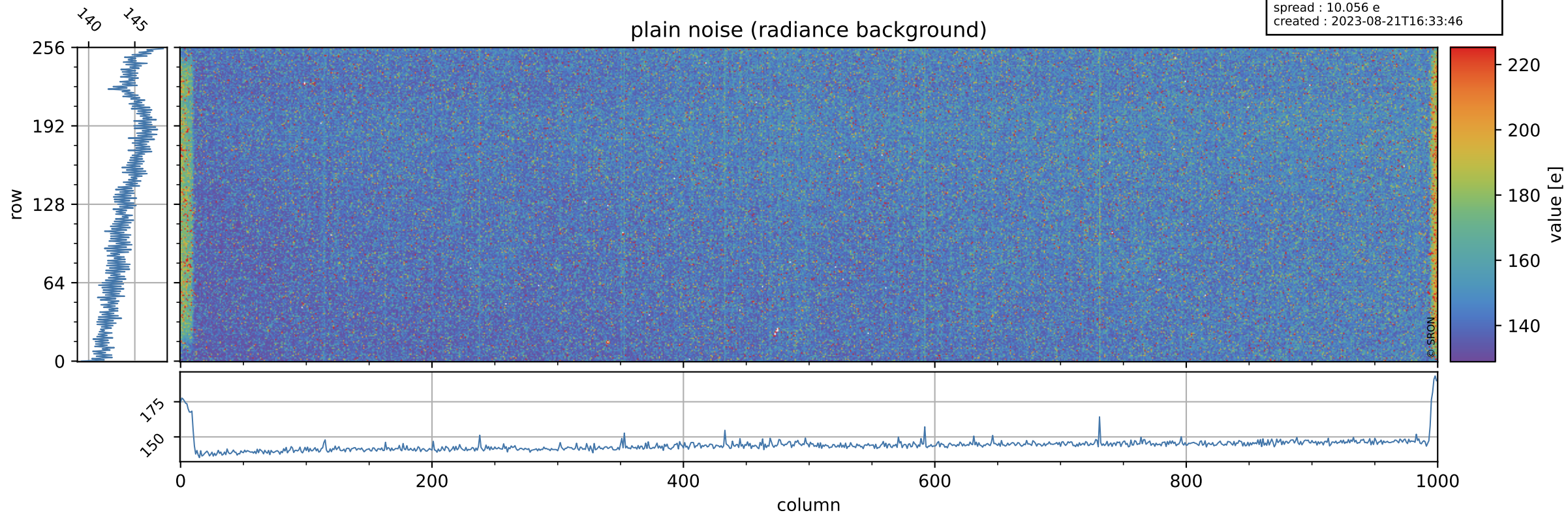
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
n_coad, t_exp : 1, 0.8383
median : 143.9 e
spread : 10.056 e
created : 2023-08-21T16:33:46

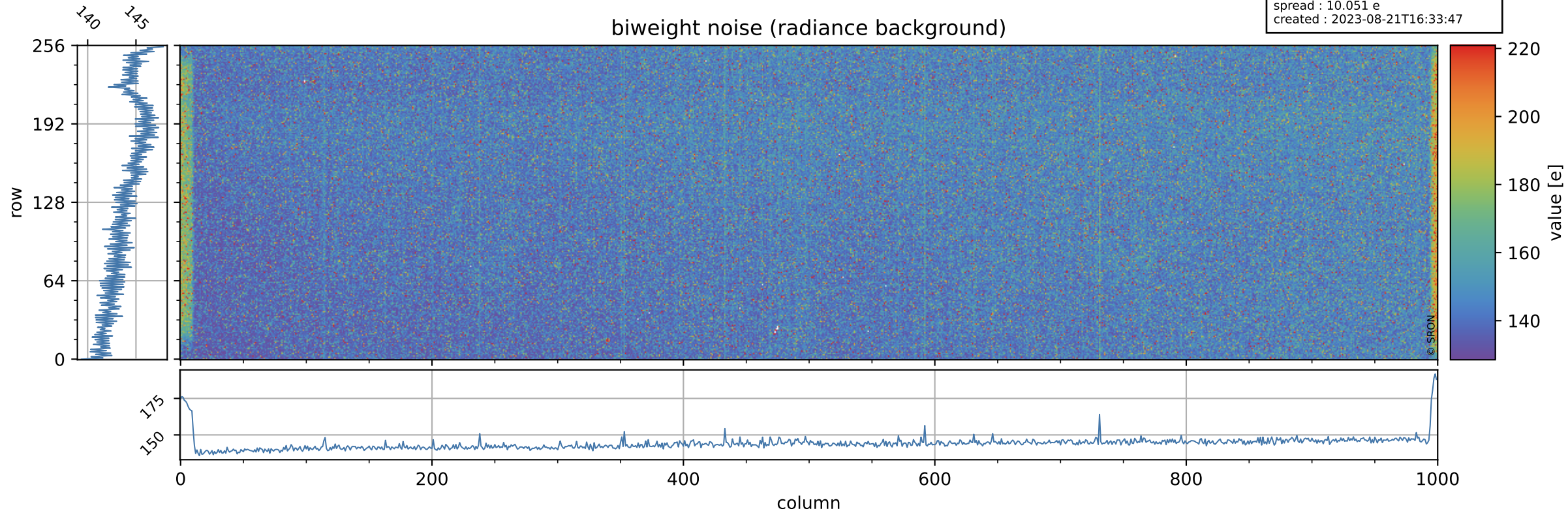
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.051 e
created : 2023-08-21T16:33:47

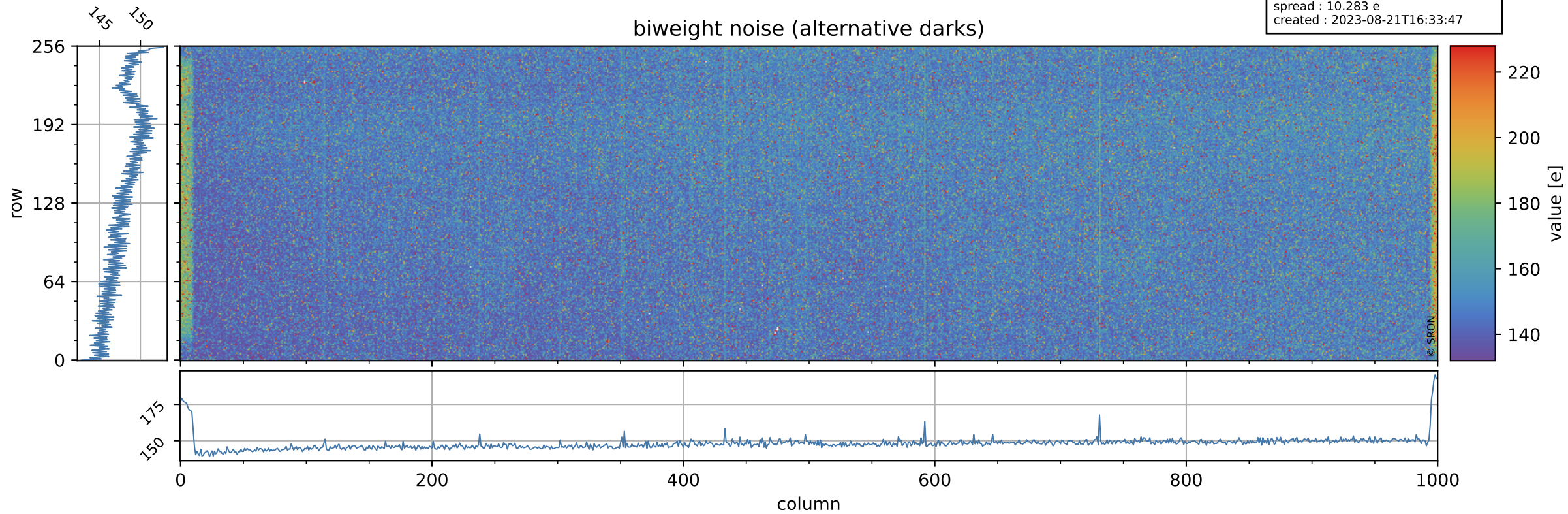
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.283 e
created : 2023-08-21T16:33:47

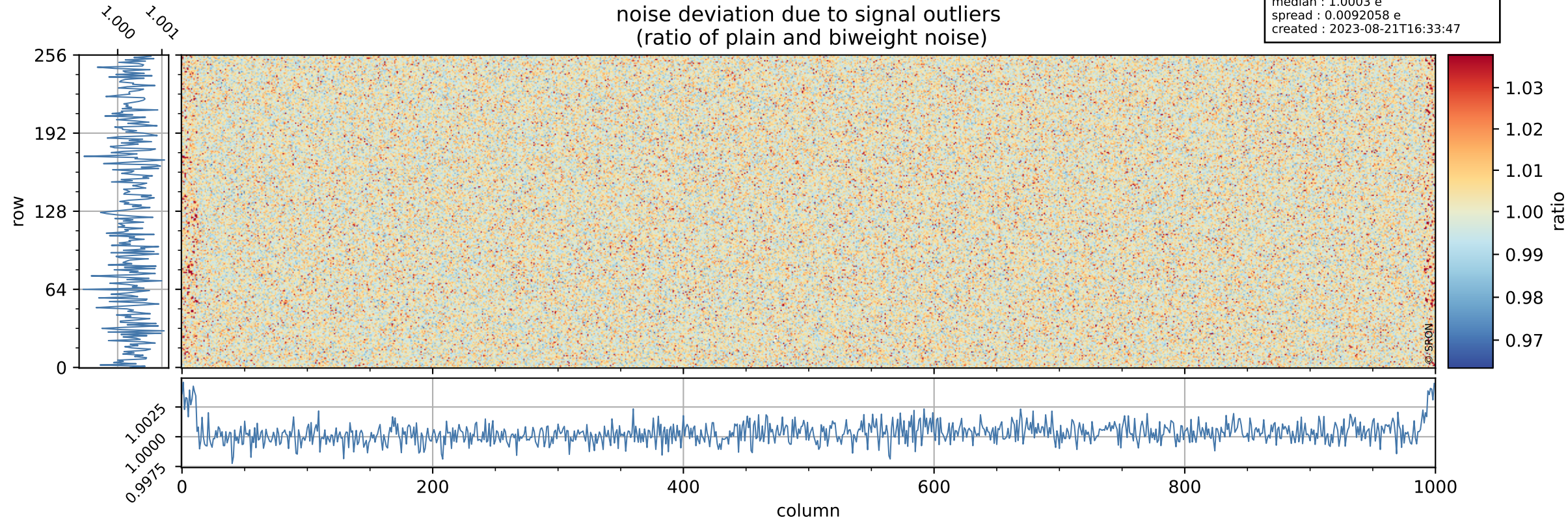
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

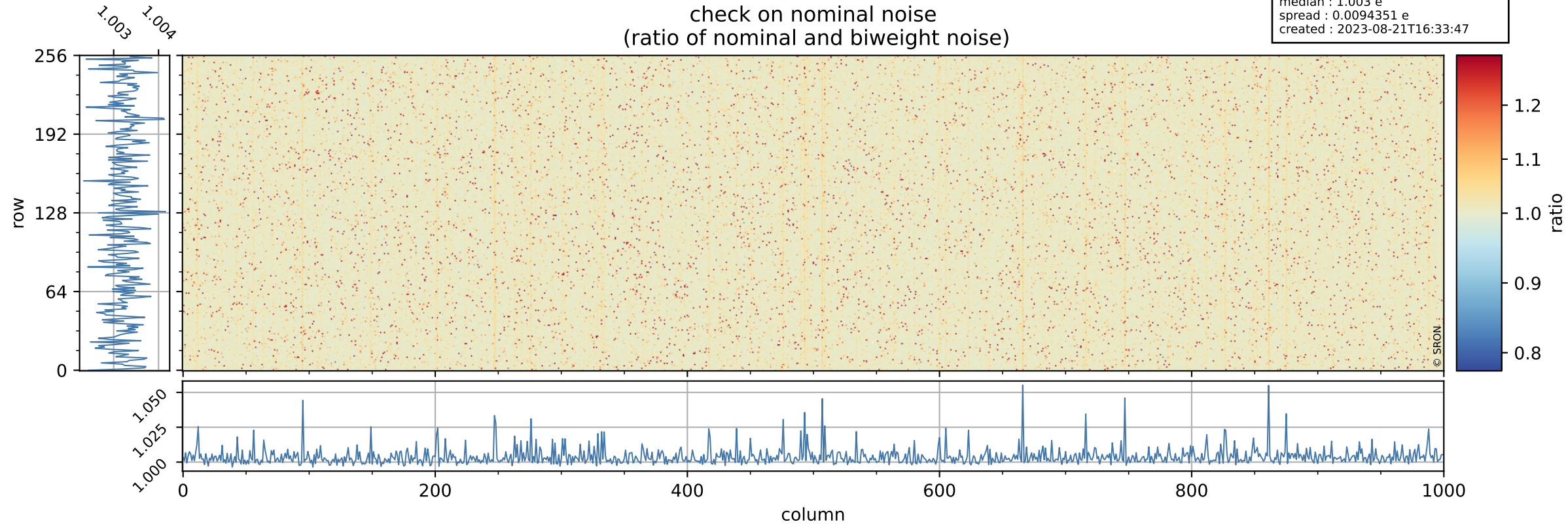
orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
median : 1.0003 e
spread : 0.0092058 e
created : 2023-08-21T16:33:47



Tropomi SWIR background noise (swir)

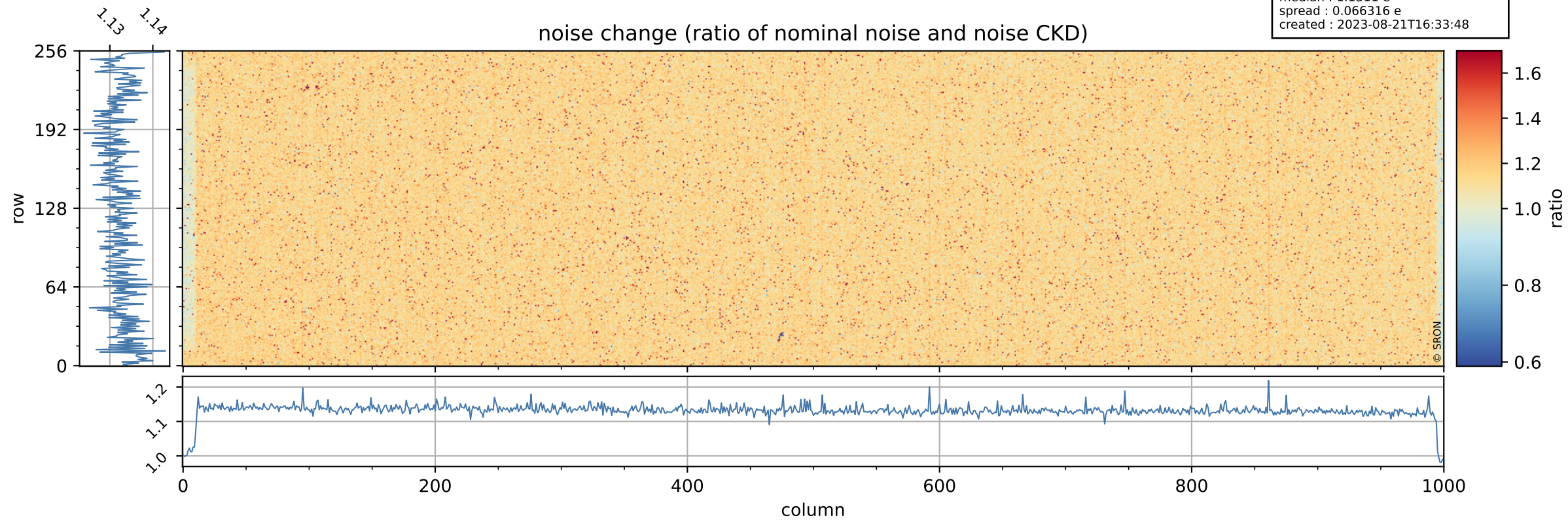
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
median : 1.003 e
spread : 0.0094351 e
created : 2023-08-21T16:33:47



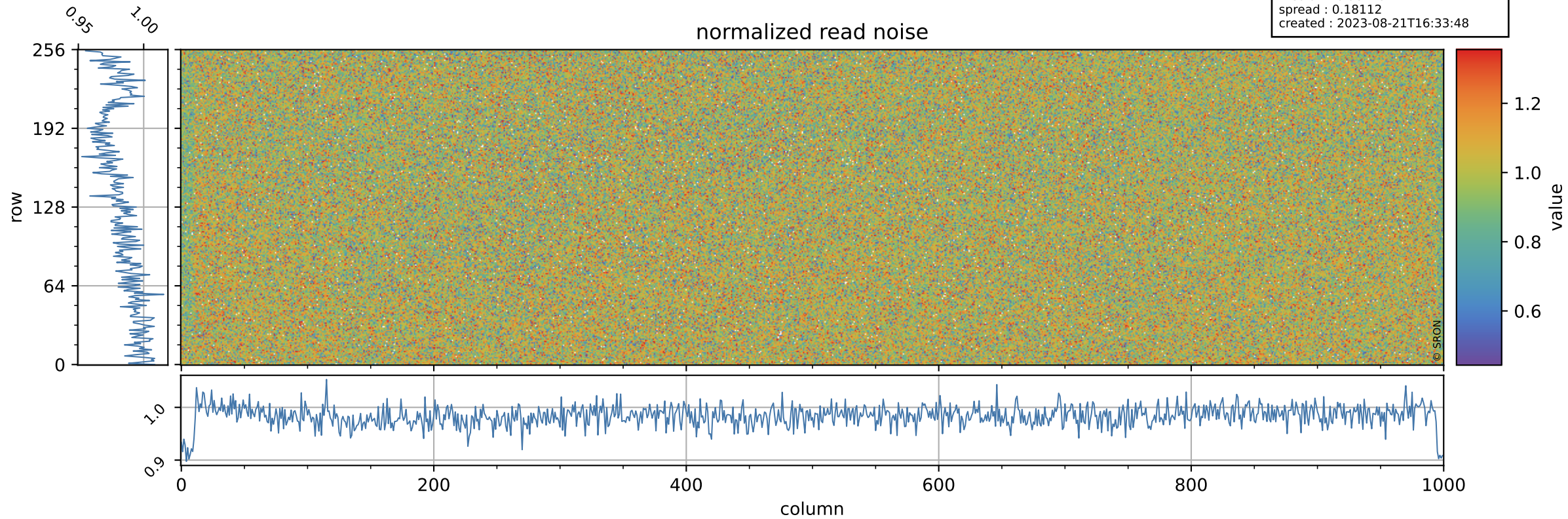
Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
median : 1.1311 e
spread : 0.066316 e
created : 2023-08-21T16:33:48



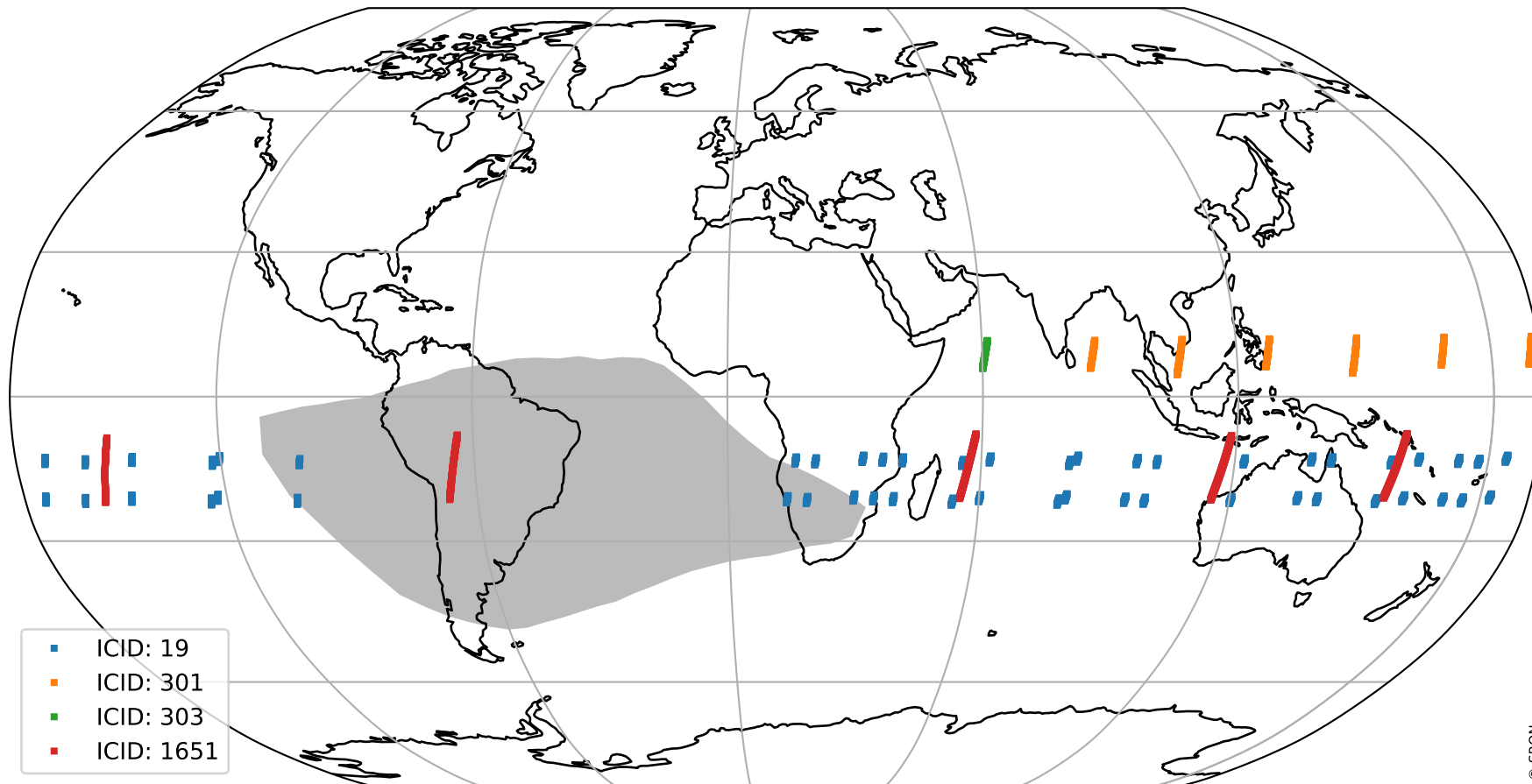
Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
median : 0.98179
spread : 0.18112
created : 2023-08-21T16:33:48



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

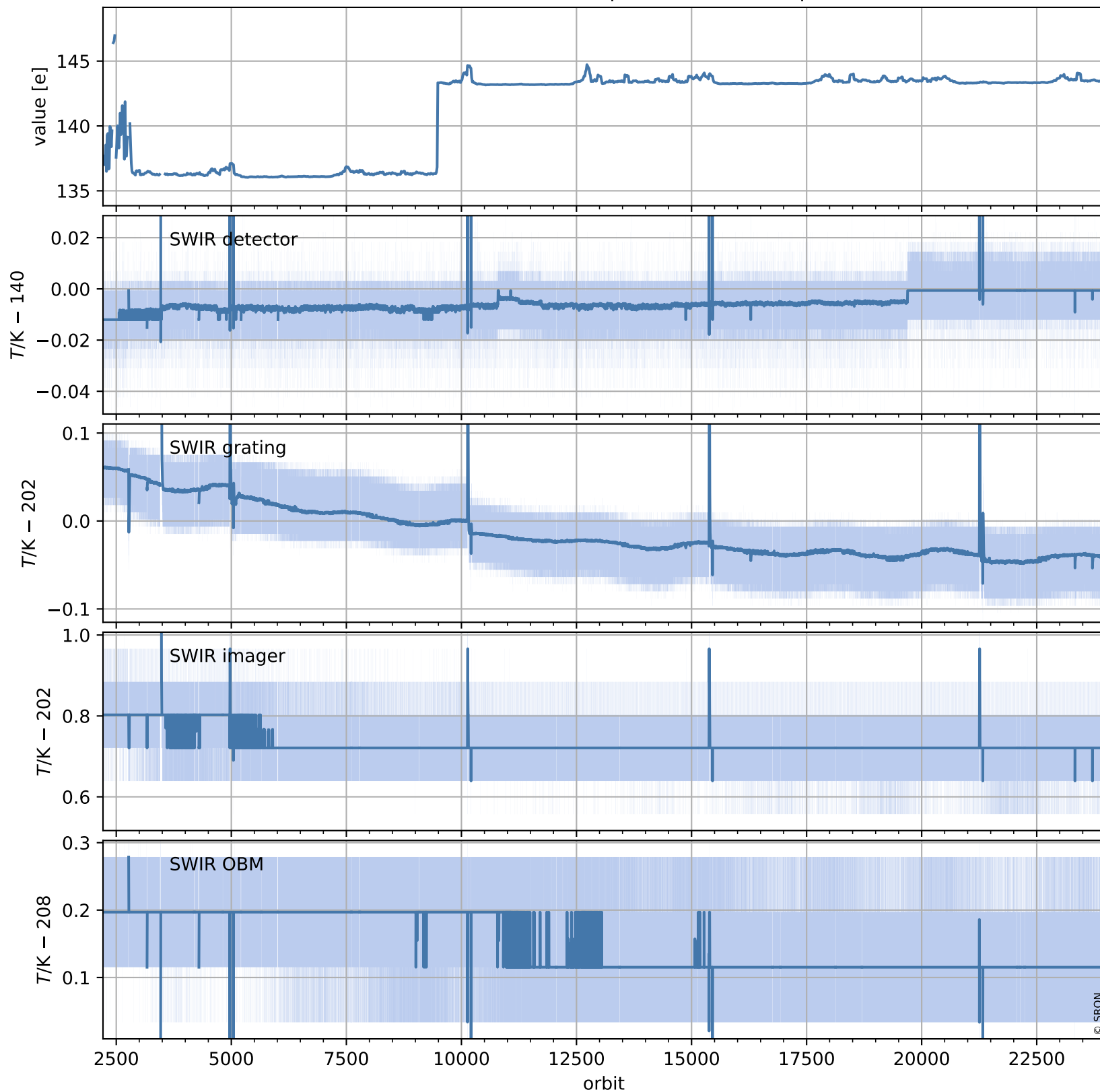
orbits : 12 in [23887, 23977]
coverage : 2022-05-24 / 2022-05-30
created : 2023-08-21T16:33:48



Tropomi SWIR background noise (swir)

orbits : [2212, 23977]
coverage : 2018-03-18 / 2022-05-30
created : 2023-08-21T16:33:49

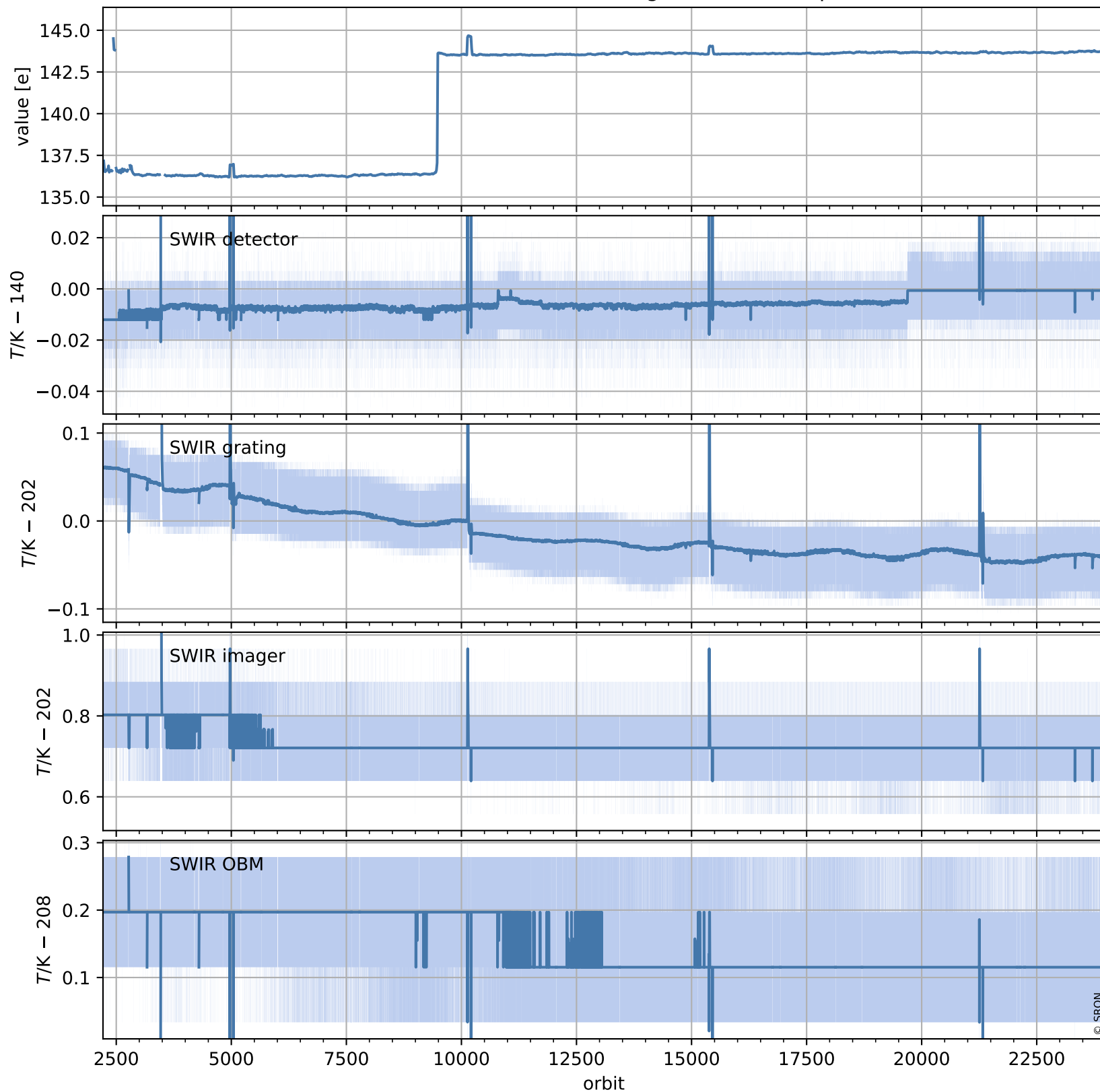
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23977]
coverage : 2018-03-18 / 2022-05-30
created : 2023-08-21T16:33:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23977]
coverage : 2018-03-18 / 2022-05-30
created : 2023-08-21T16:33:51

trend of normalized read-noise & temperatures

