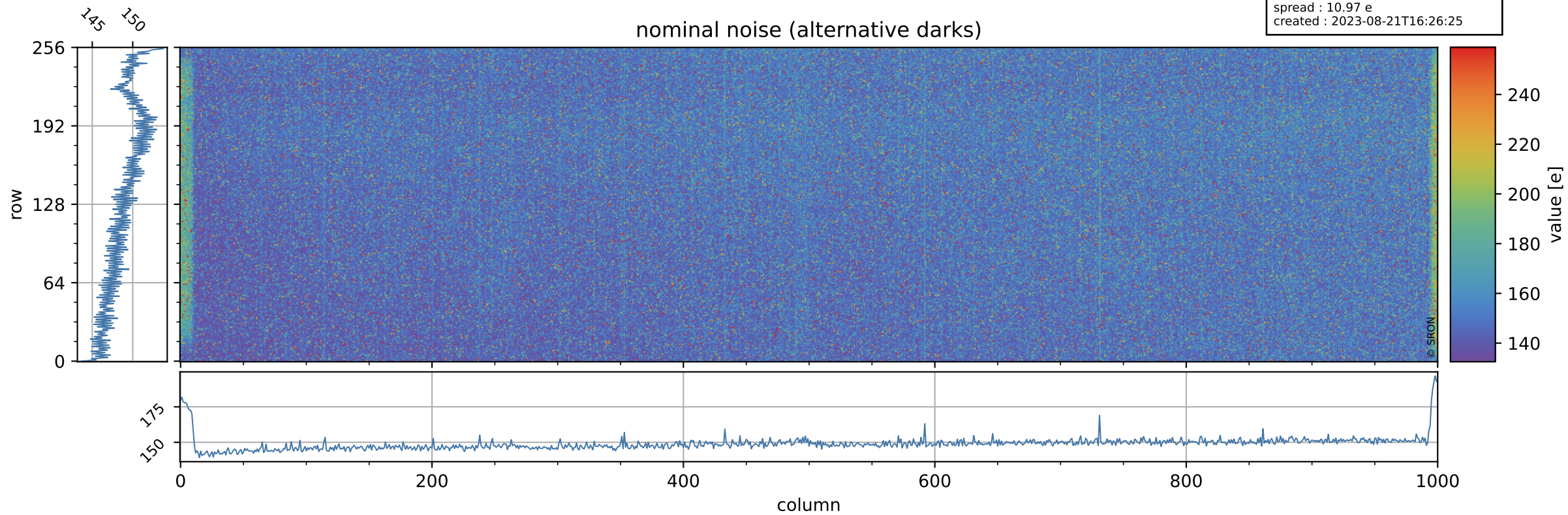


Tropomi SWIR background noise (swir)

orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 10.97 e
created : 2023-08-21T16:26:25

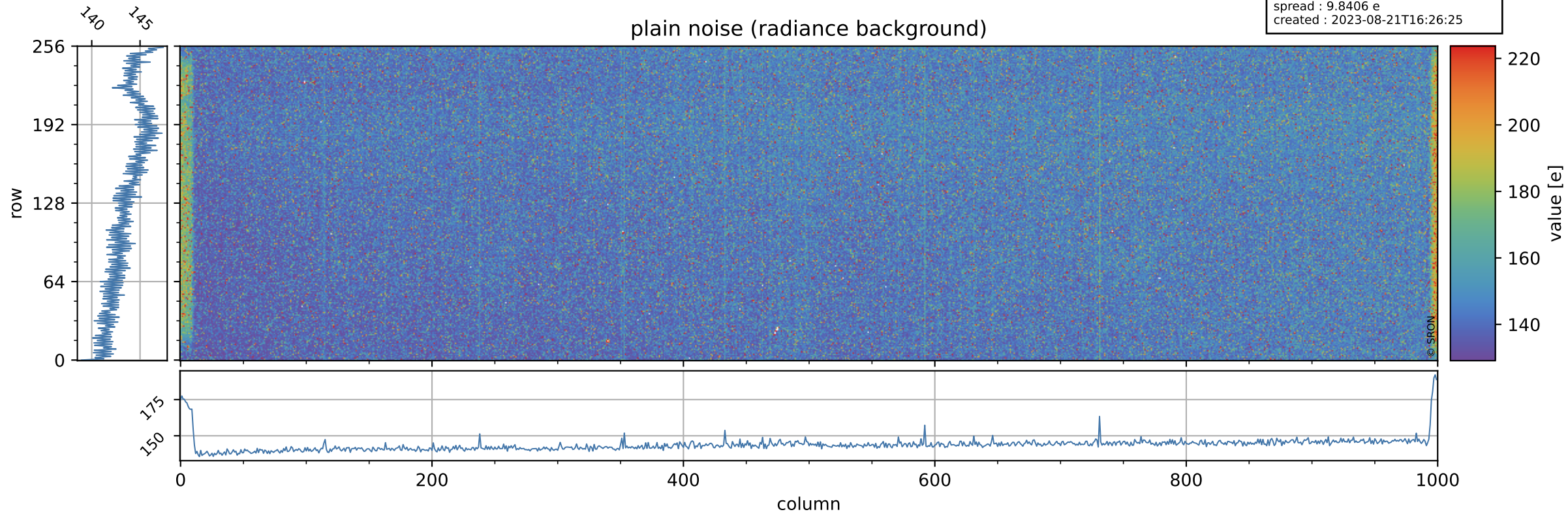
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.8406 e
created : 2023-08-21T16:26:25

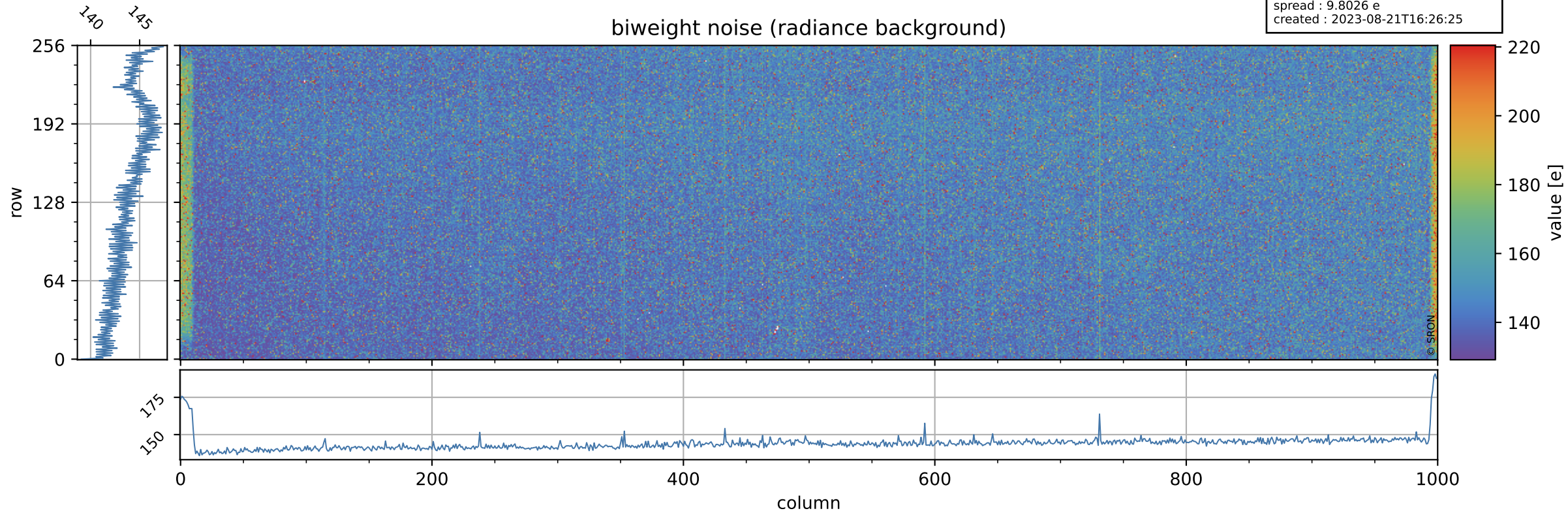
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.8026 e
created : 2023-08-21T16:26:25

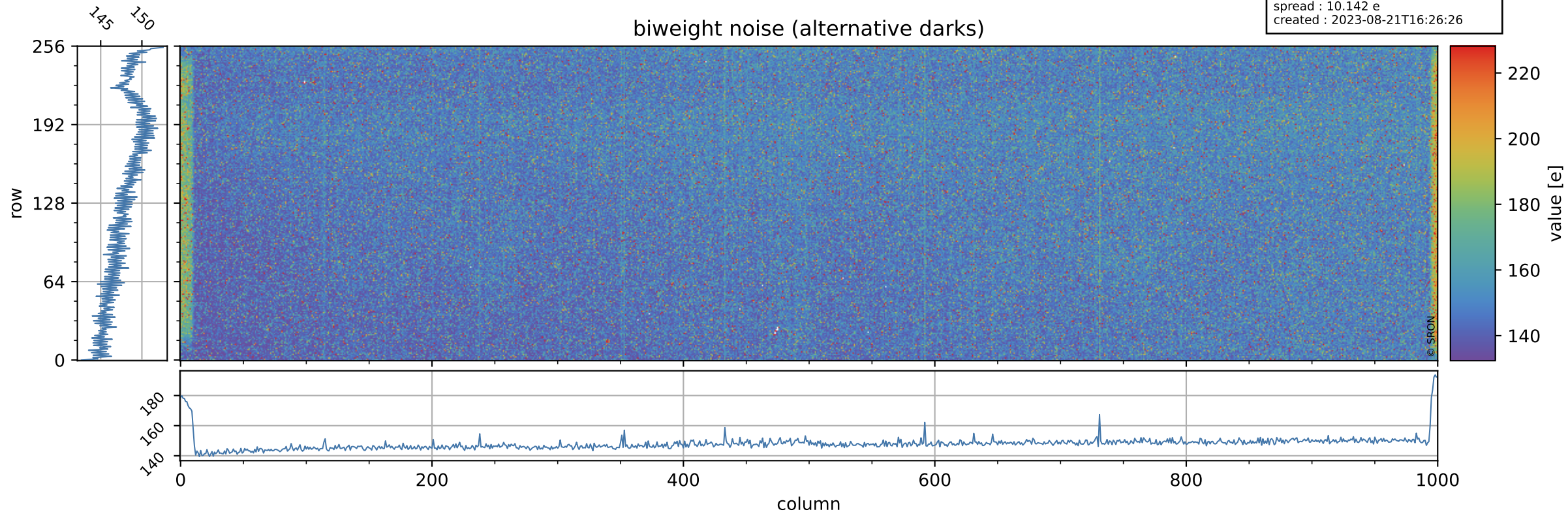
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.142 e
created : 2023-08-21T16:26:26

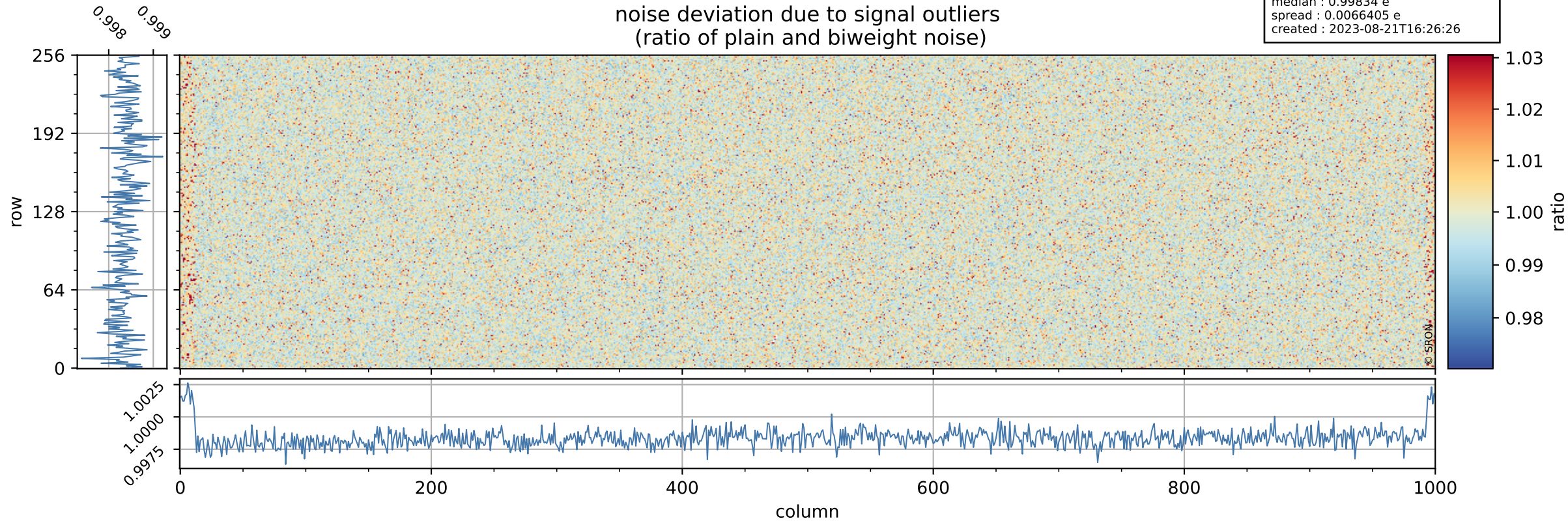
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

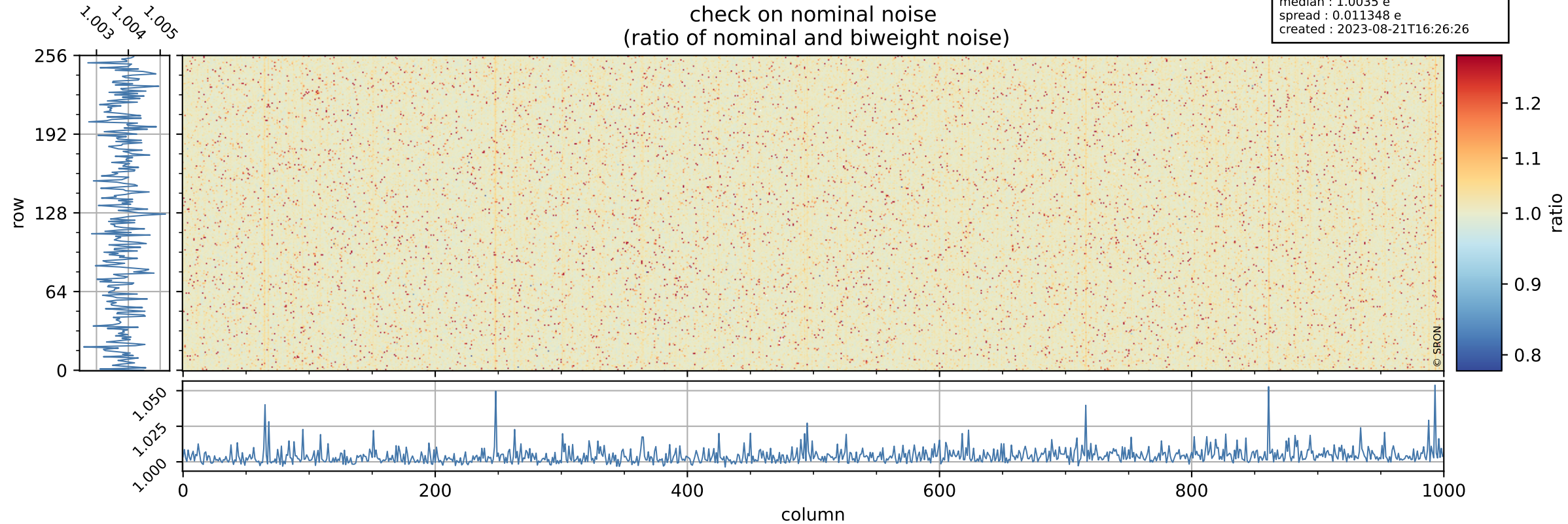
orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
median : 0.99834 e
spread : 0.0066405 e
created : 2023-08-21T16:26:26



Tropomi SWIR background noise (swir)

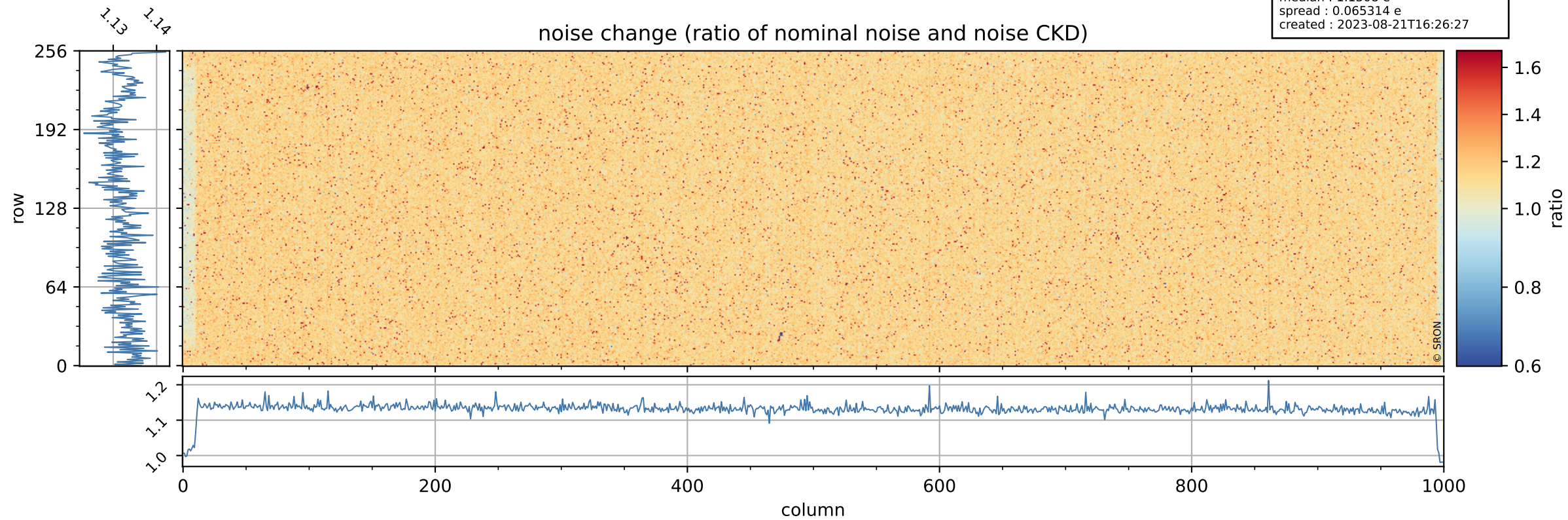
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
median : 1.0035 e
spread : 0.011348 e
created : 2023-08-21T16:26:26



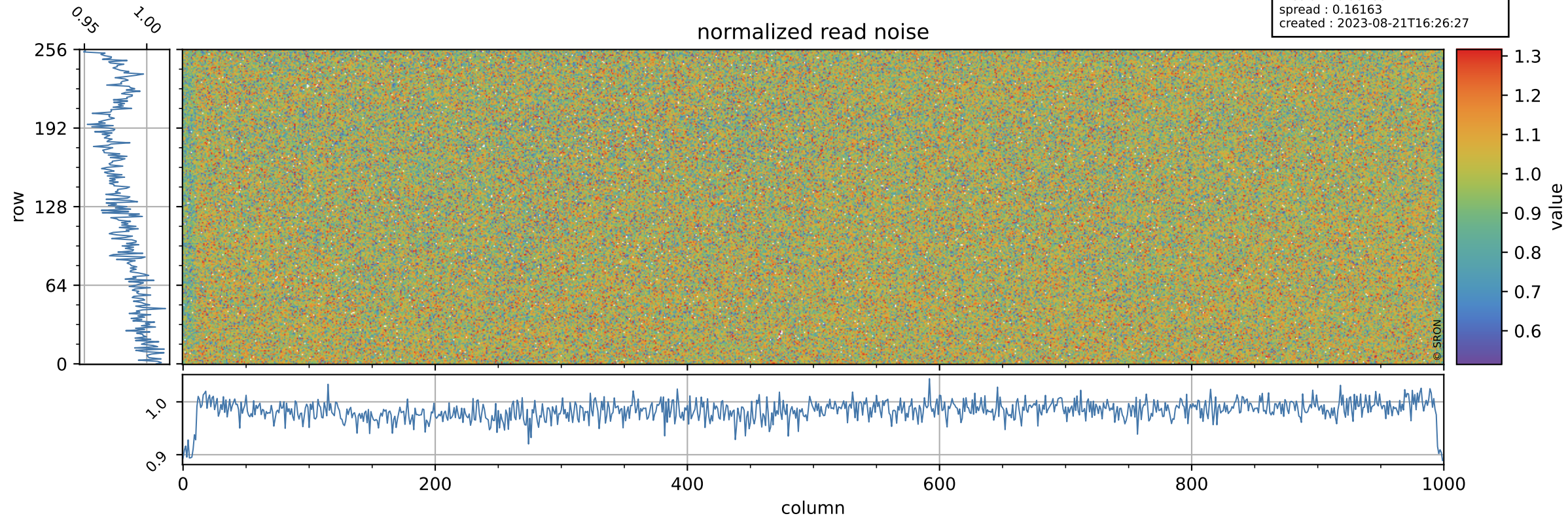
Tropomi SWIR background noise (swir)

orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
median : 1.1308 e
spread : 0.065314 e
created : 2023-08-21T16:26:27



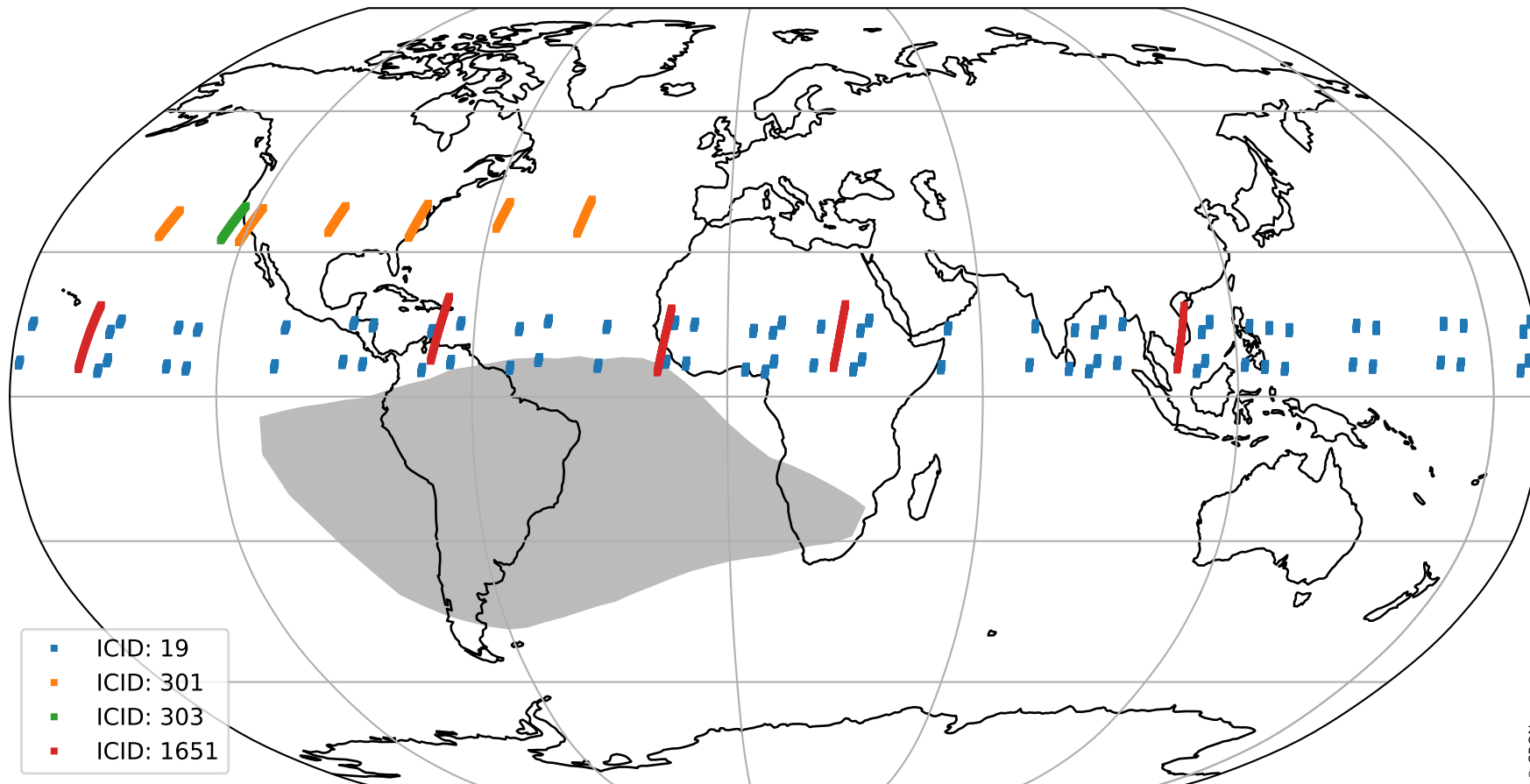
Tropomi SWIR background noise (swir)

orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
median : 0.98168
spread : 0.16163
created : 2023-08-21T16:26:27



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

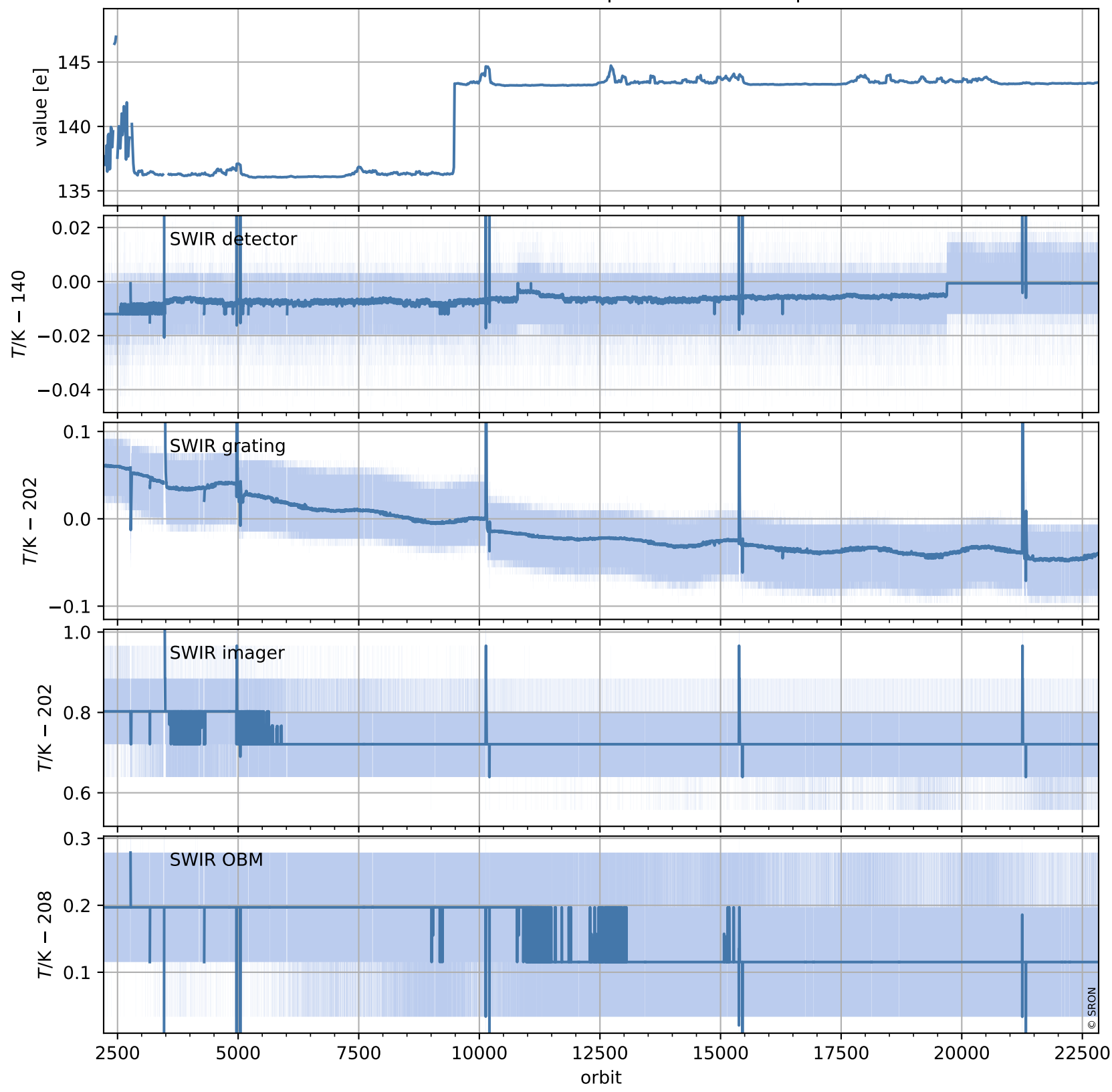
orbits : 12 in [22747, 22837]
coverage : 2022-03-05 / 2022-03-11
created : 2023-08-21T16:26:27



Tropomi SWIR background noise (swir)

orbits : [2212, 22837]
coverage : 2018-03-18 / 2022-03-11
created : 2023-08-21T16:26:28

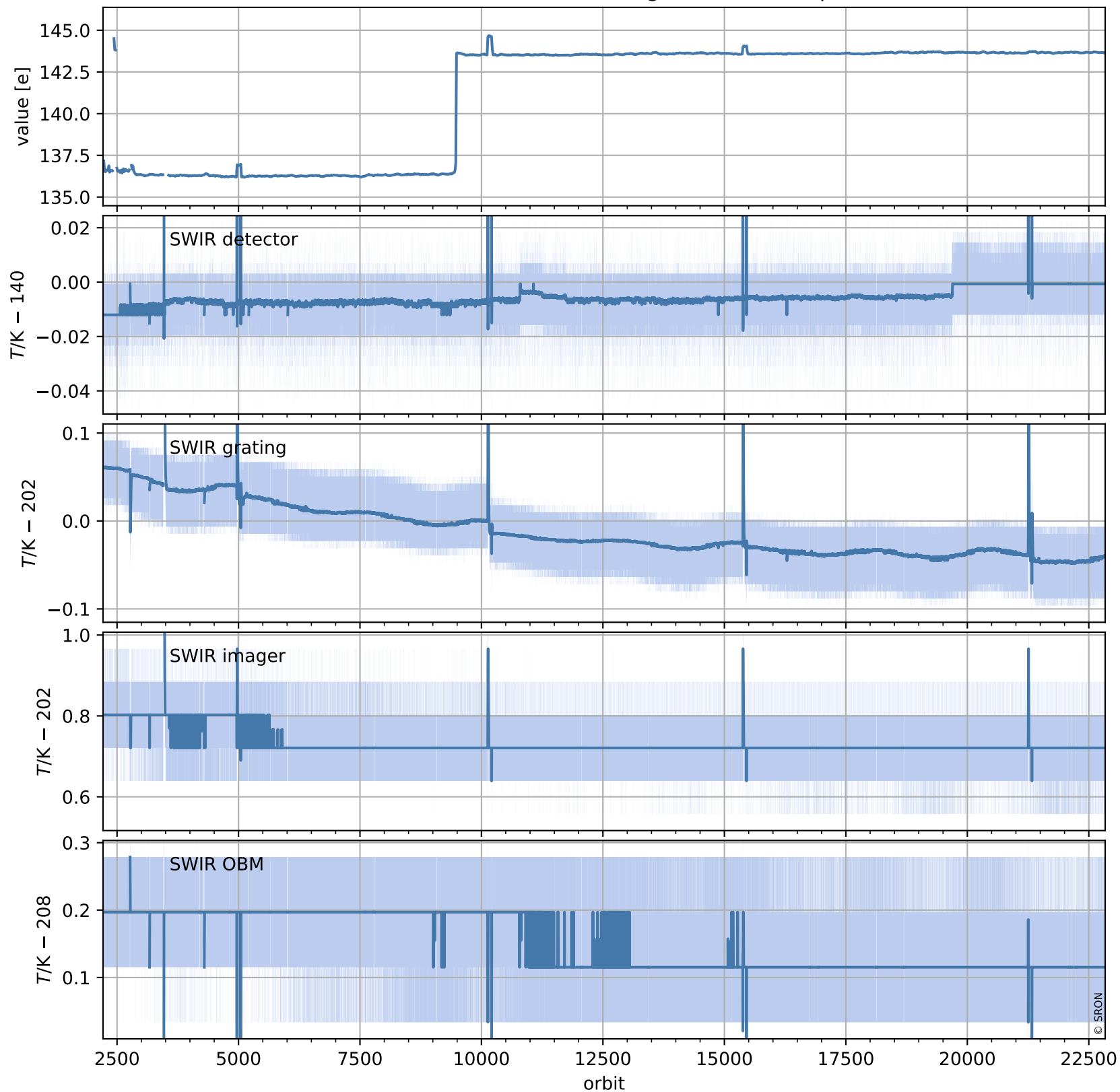
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22837]
coverage : 2018-03-18 / 2022-03-11
created : 2023-08-21T16:26:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22837]
coverage : 2018-03-18 / 2022-03-11
created : 2023-08-21T16:26:29

trend of normalized read-noise & temperatures

