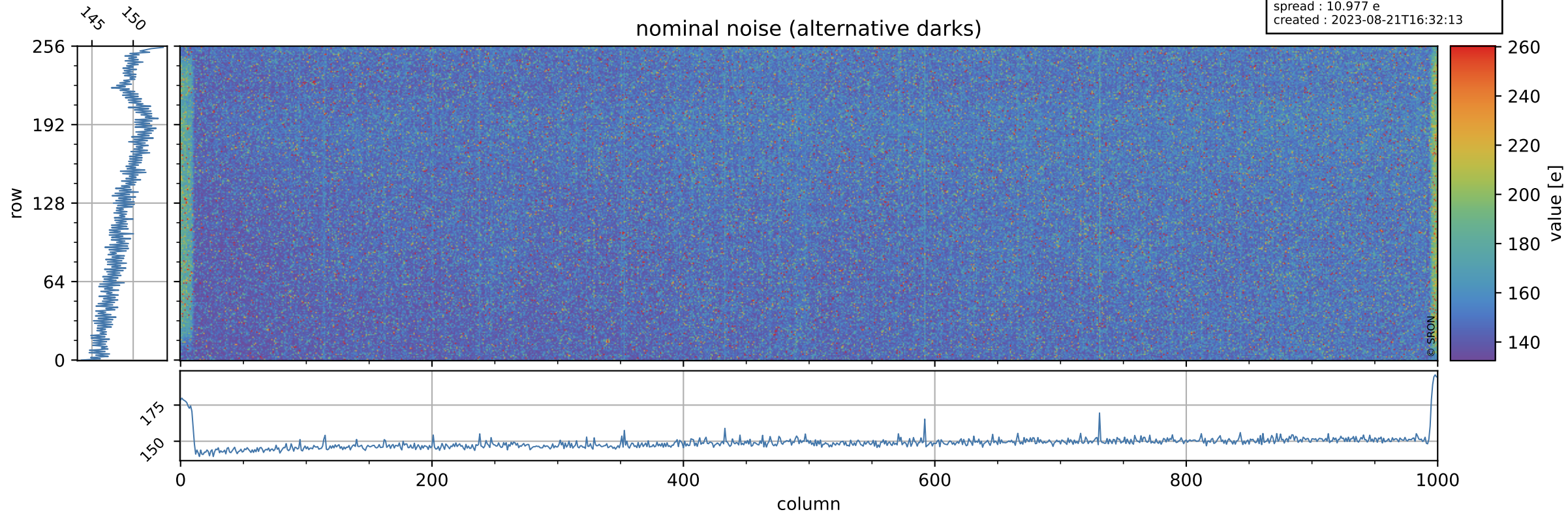


Tropomi SWIR background noise (swir)

orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 10.977 e
created : 2023-08-21T16:32:13

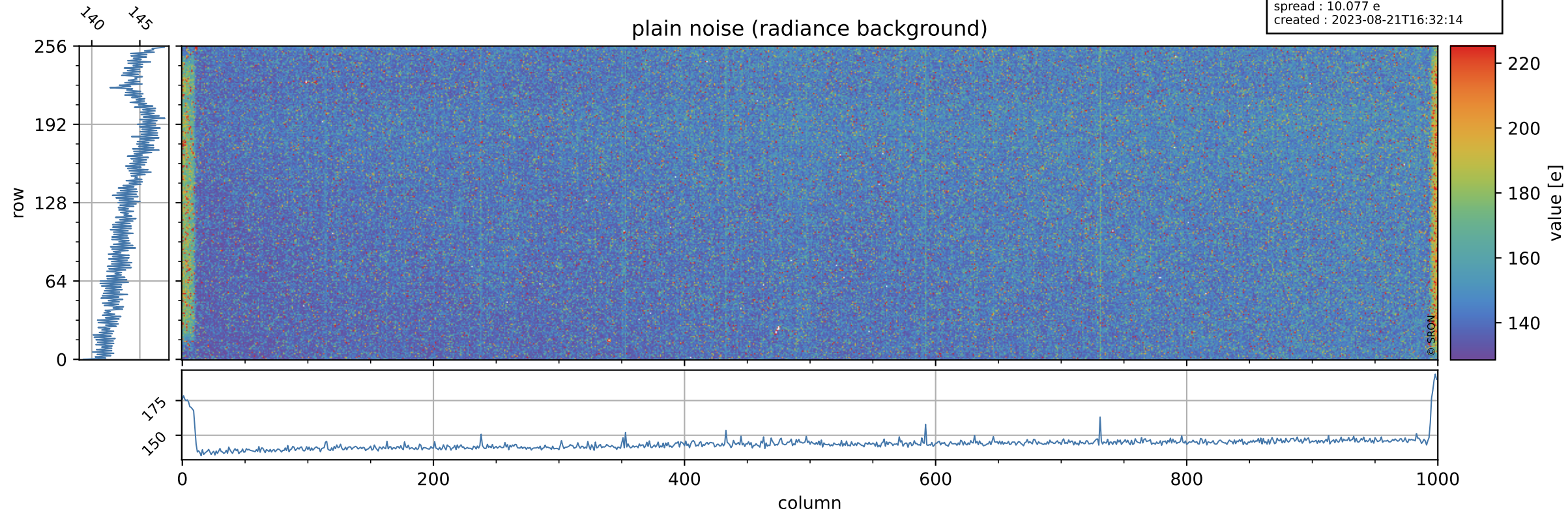
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 10.077 e
created : 2023-08-21T16:32:14

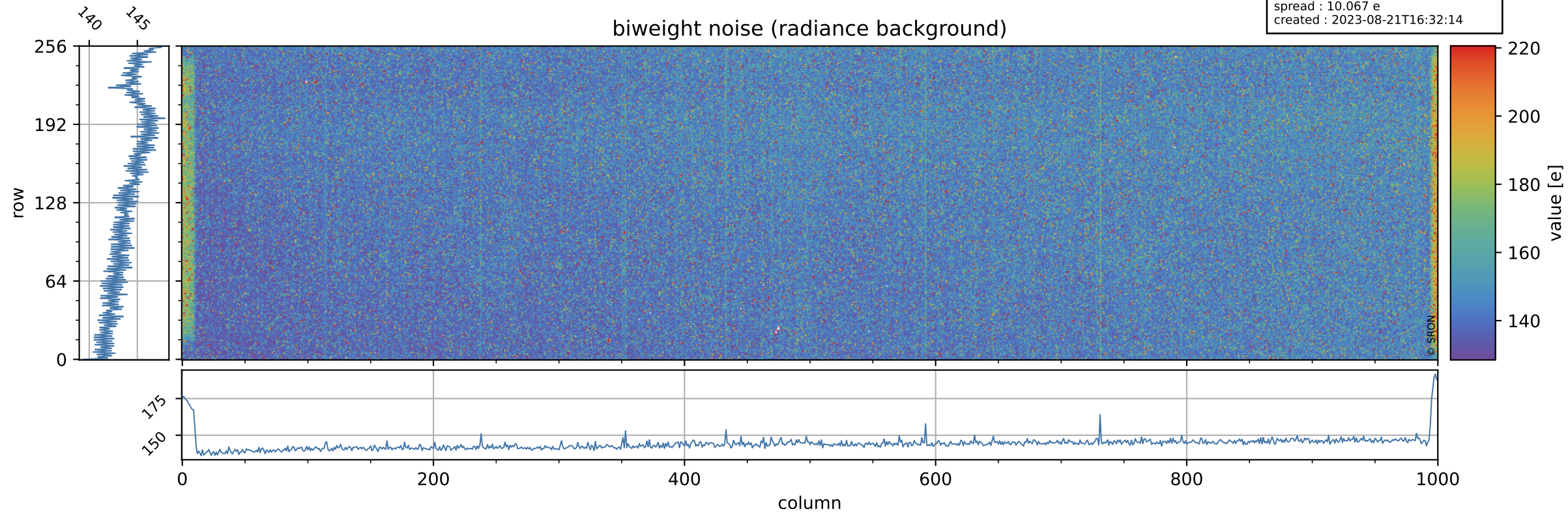
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.067 e
created : 2023-08-21T16:32:14

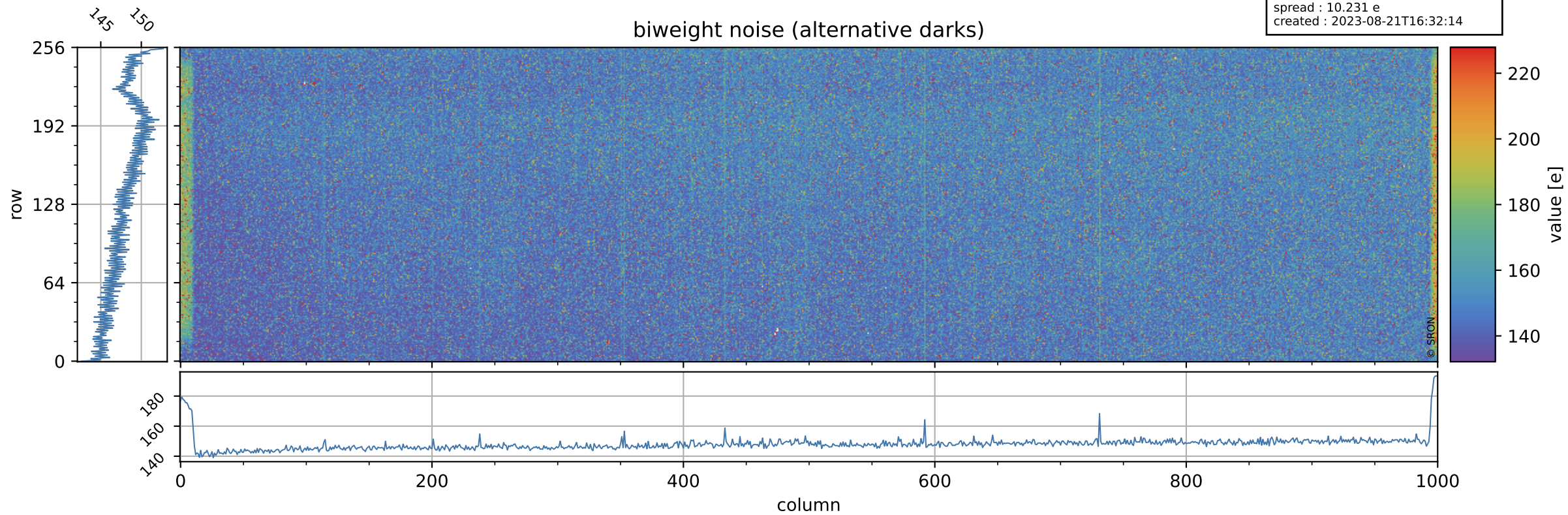
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.231 e
created : 2023-08-21T16:32:14

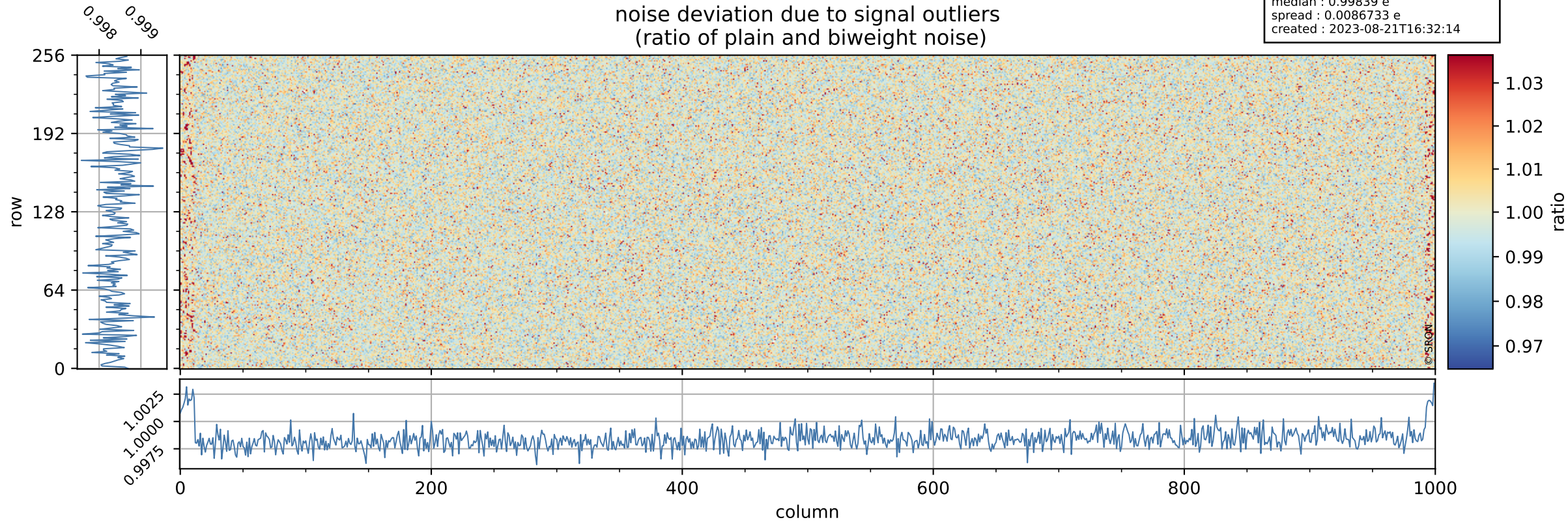
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

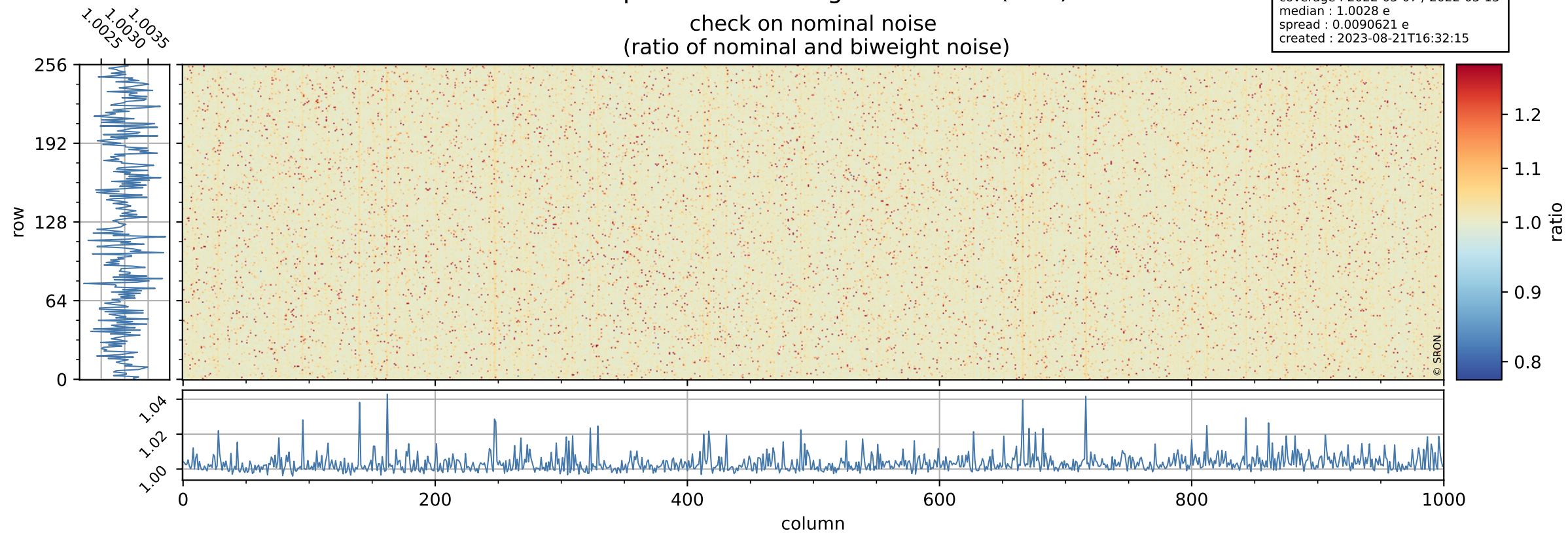
orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
median : 0.99839 e
spread : 0.0086733 e
created : 2023-08-21T16:32:14



Tropomi SWIR background noise (swir)

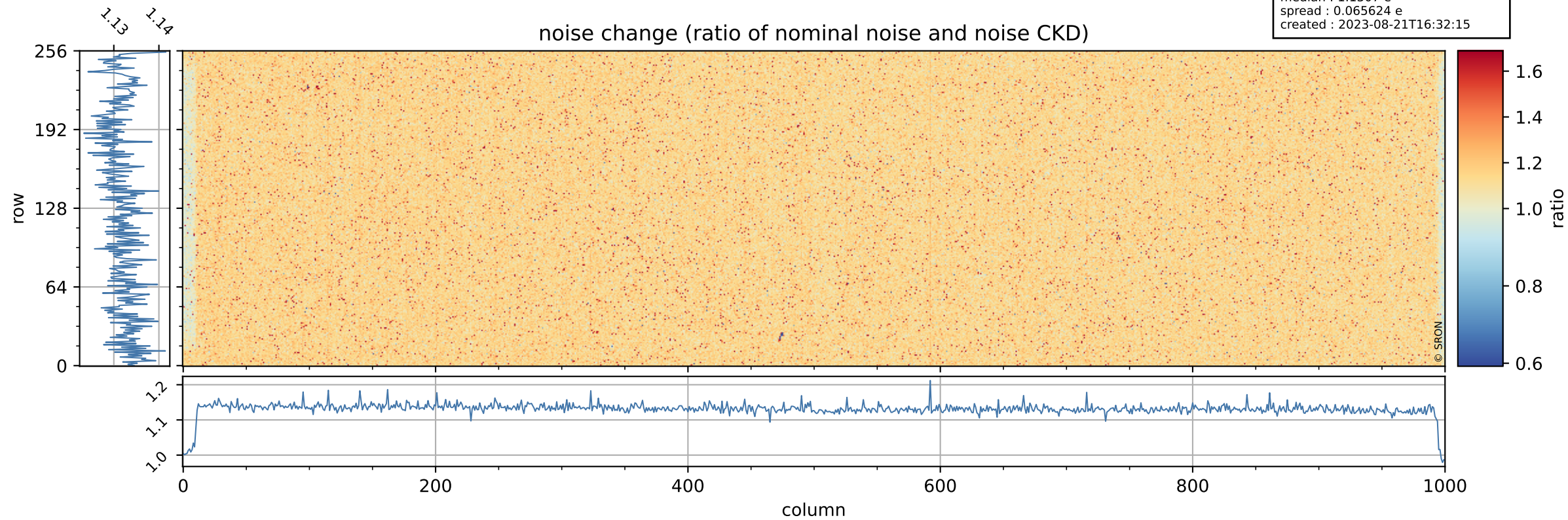
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
median : 1.0028 e
spread : 0.0090621 e
created : 2023-08-21T16:32:15



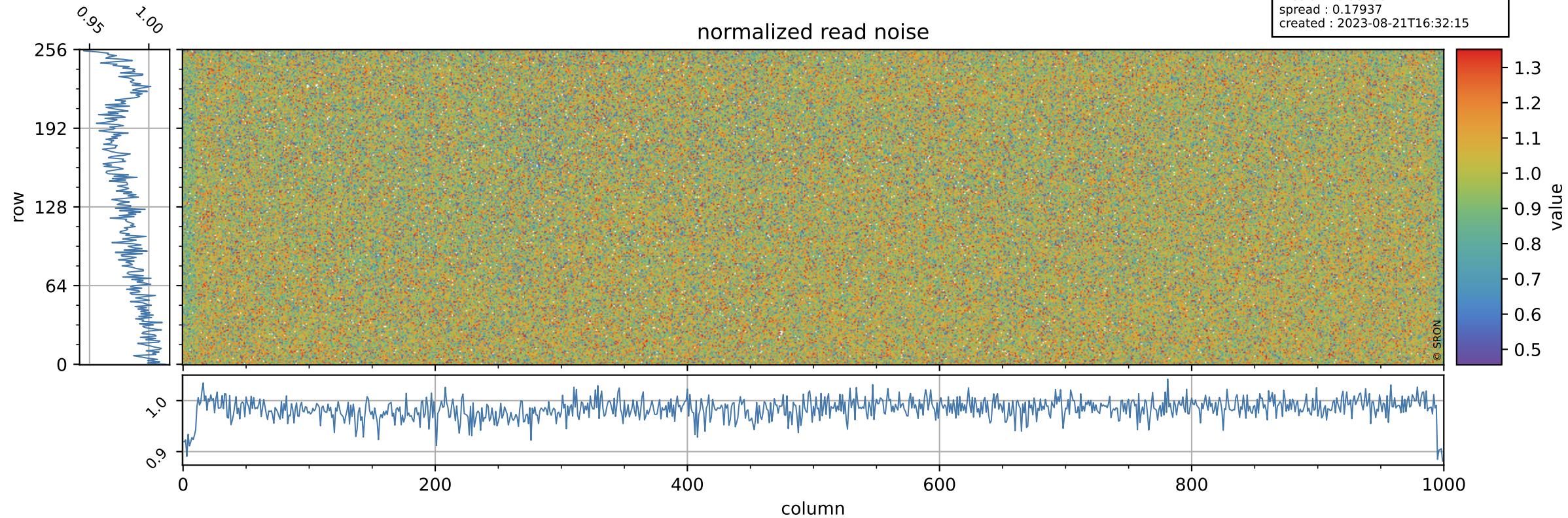
Tropomi SWIR background noise (swir)

orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
median : 1.1307 e
spread : 0.065624 e
created : 2023-08-21T16:32:15



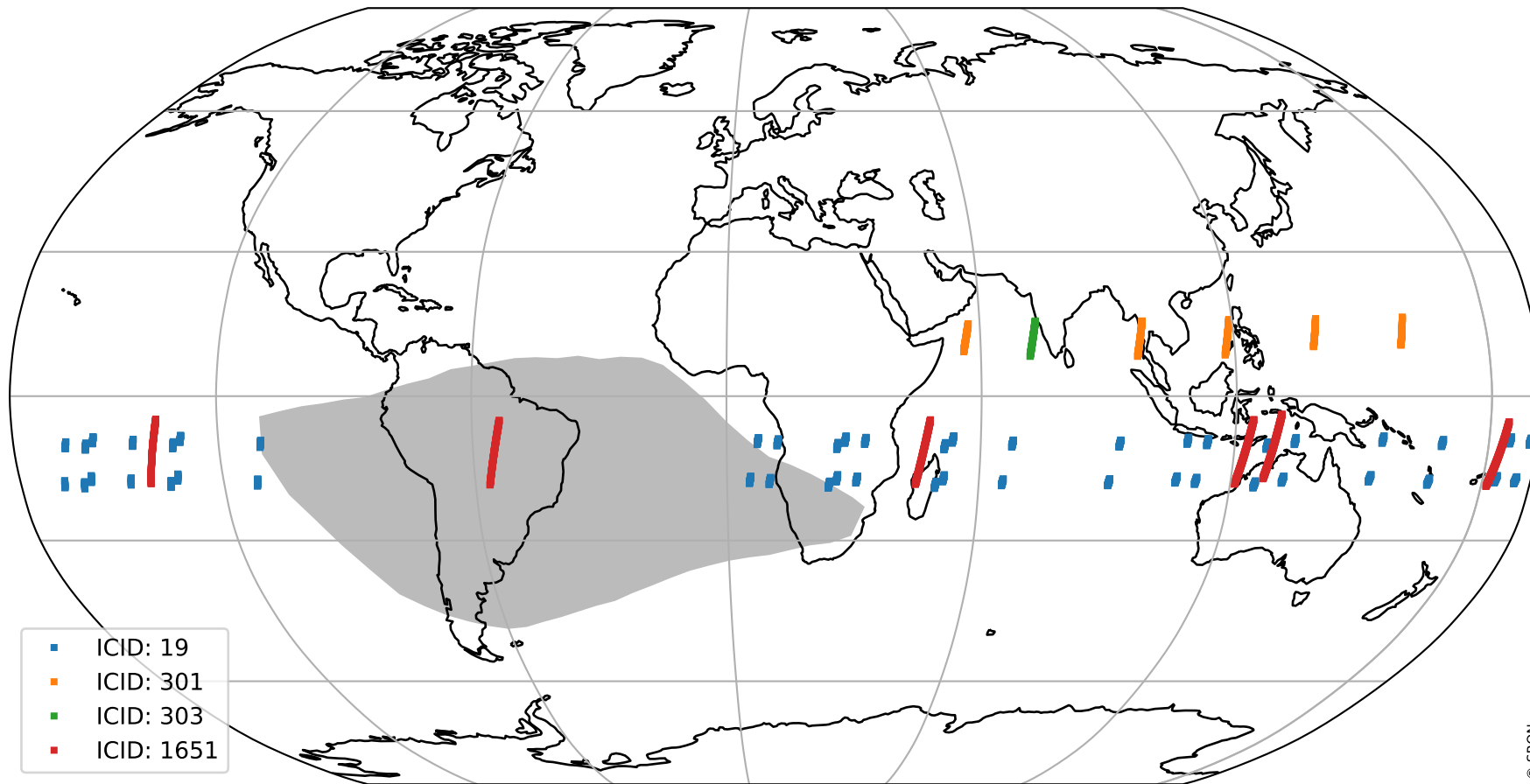
Tropomi SWIR background noise (swir)

orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
median : 0.98196
spread : 0.17937
created : 2023-08-21T16:32:15



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

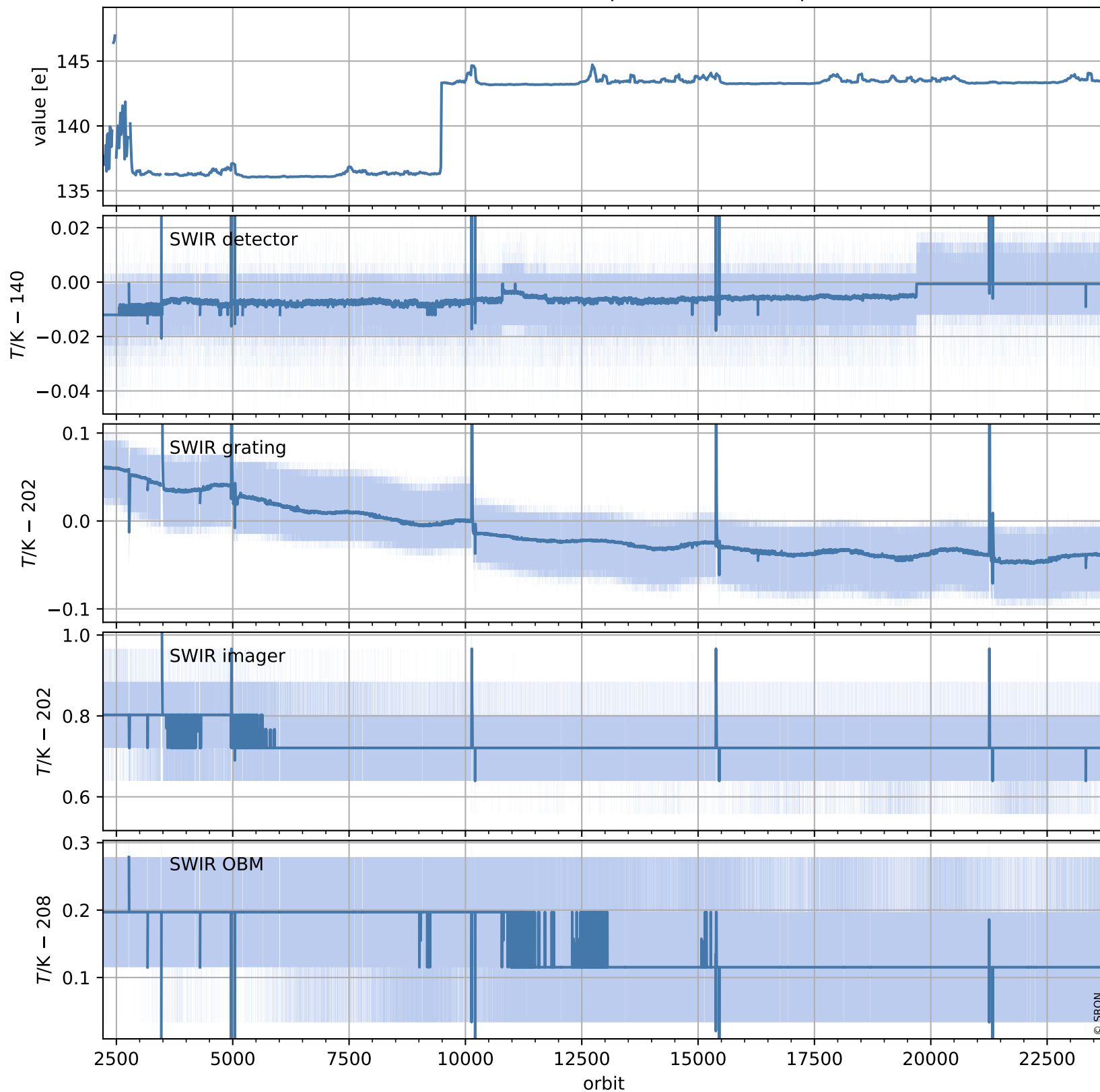
orbits : 12 in [23647, 23737]
coverage : 2022-05-07 / 2022-05-13
created : 2023-08-21T16:32:16



Tropomi SWIR background noise (swir)

orbits : [2212, 23737]
coverage : 2018-03-18 / 2022-05-13
created : 2023-08-21T16:32:16

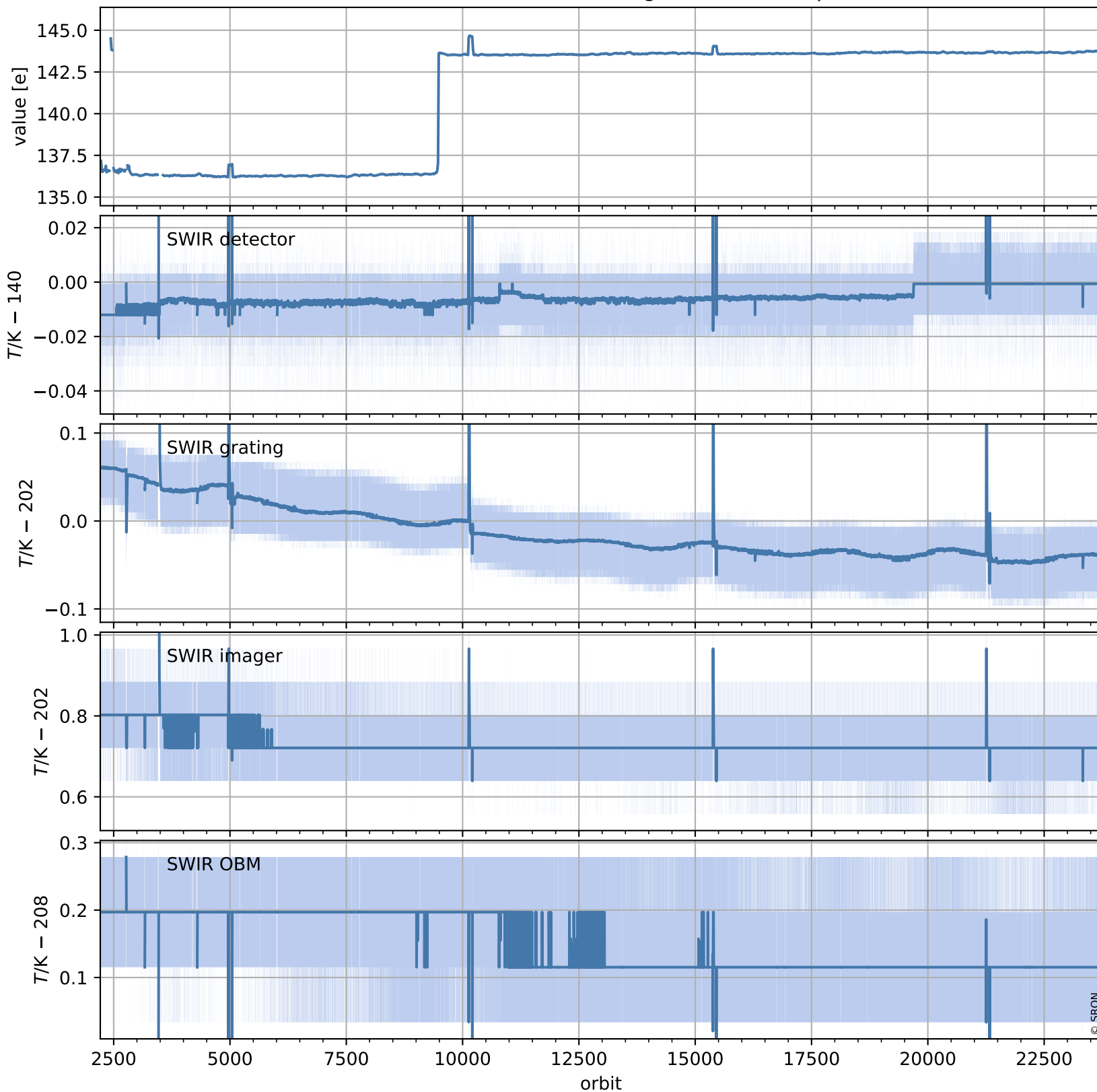
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23737]
coverage : 2018-03-18 / 2022-05-13
created : 2023-08-21T16:32:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23737]
coverage : 2018-03-18 / 2022-05-13
created : 2023-08-21T16:32:18

trend of normalized read-noise & temperatures

