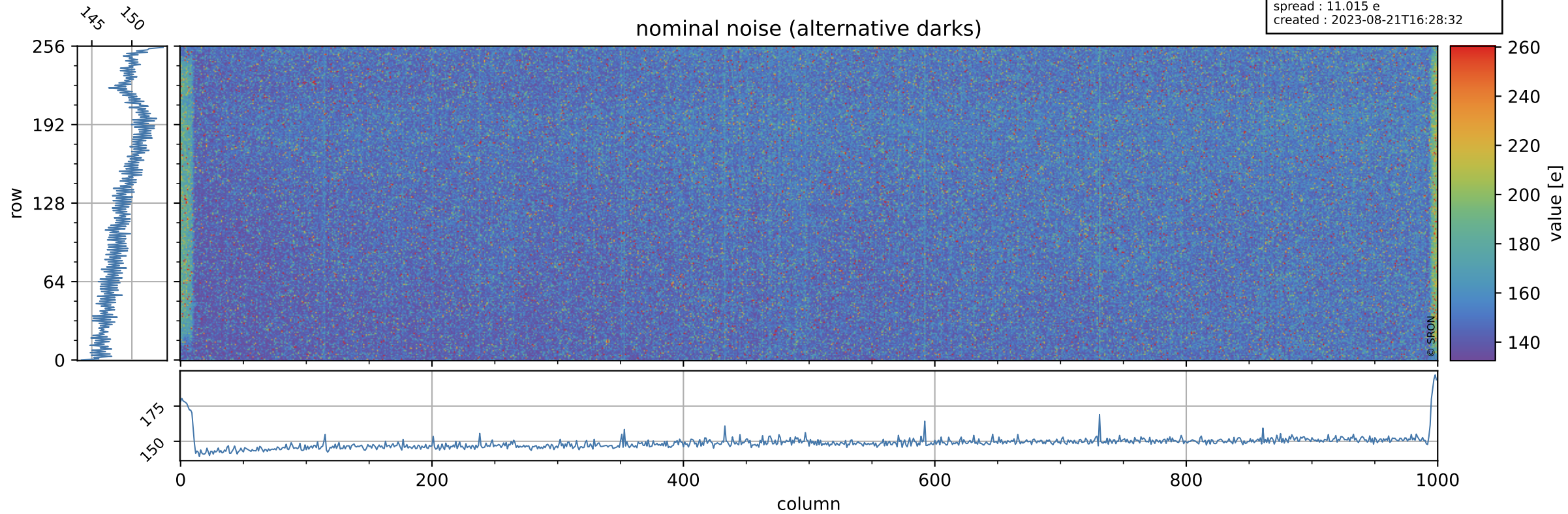


Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 11.015 e
created : 2023-08-21T16:28:32

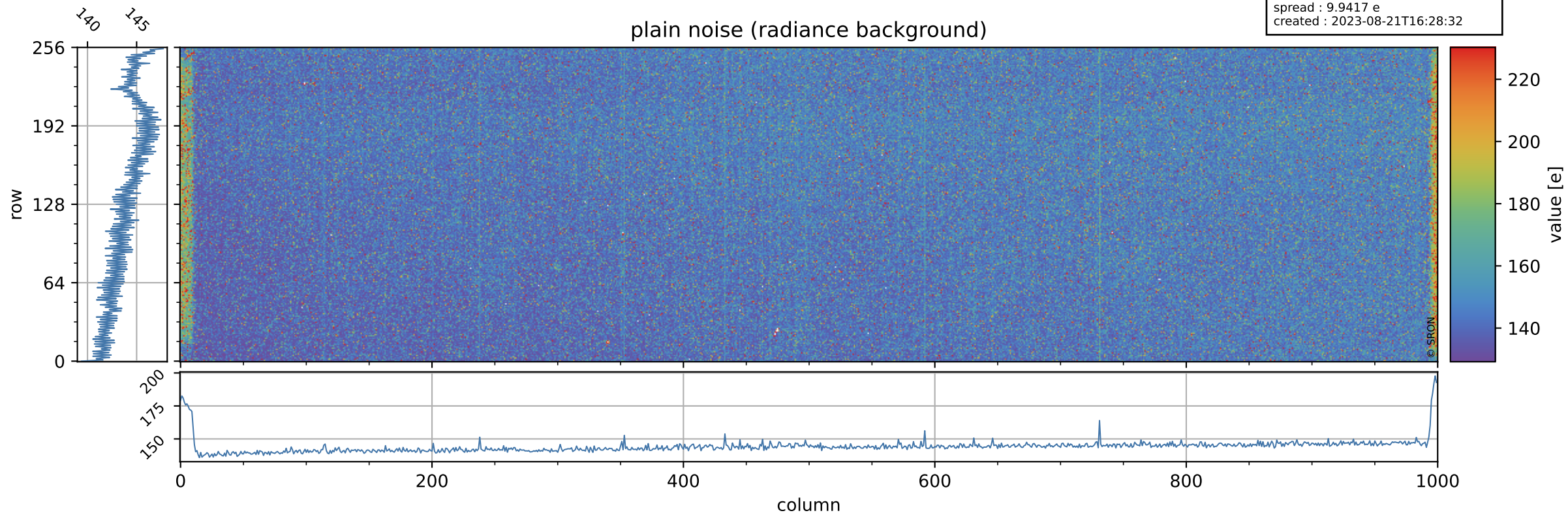
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9417 e
created : 2023-08-21T16:28:32

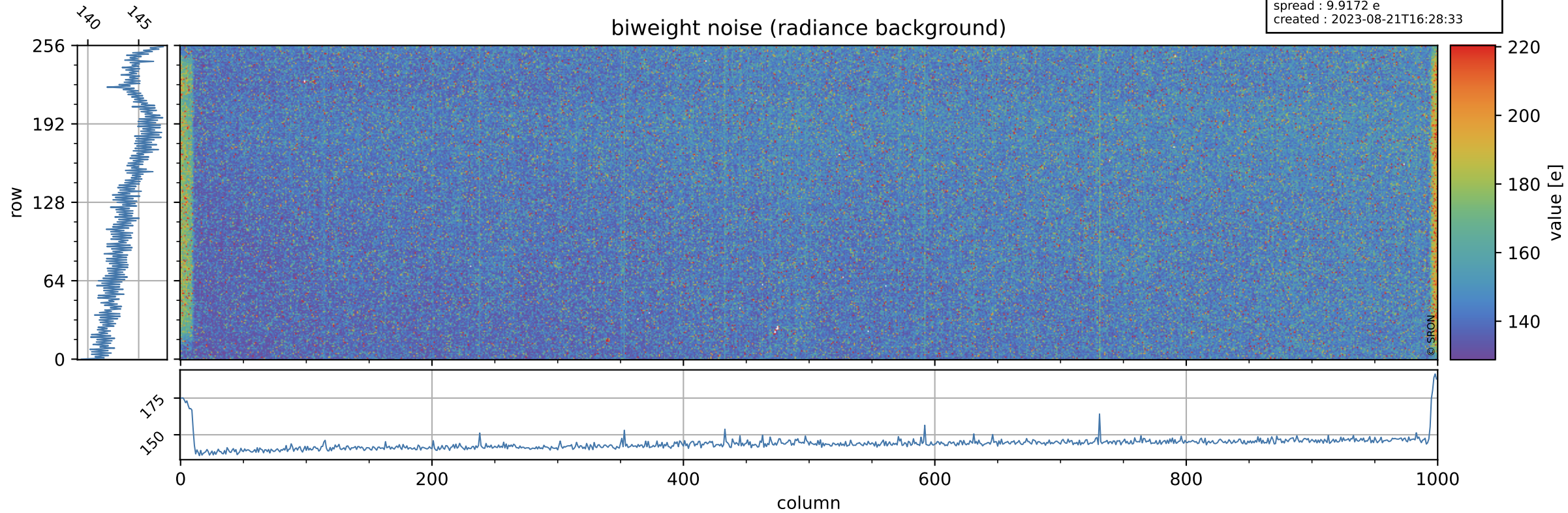
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9172 e
created : 2023-08-21T16:28:33

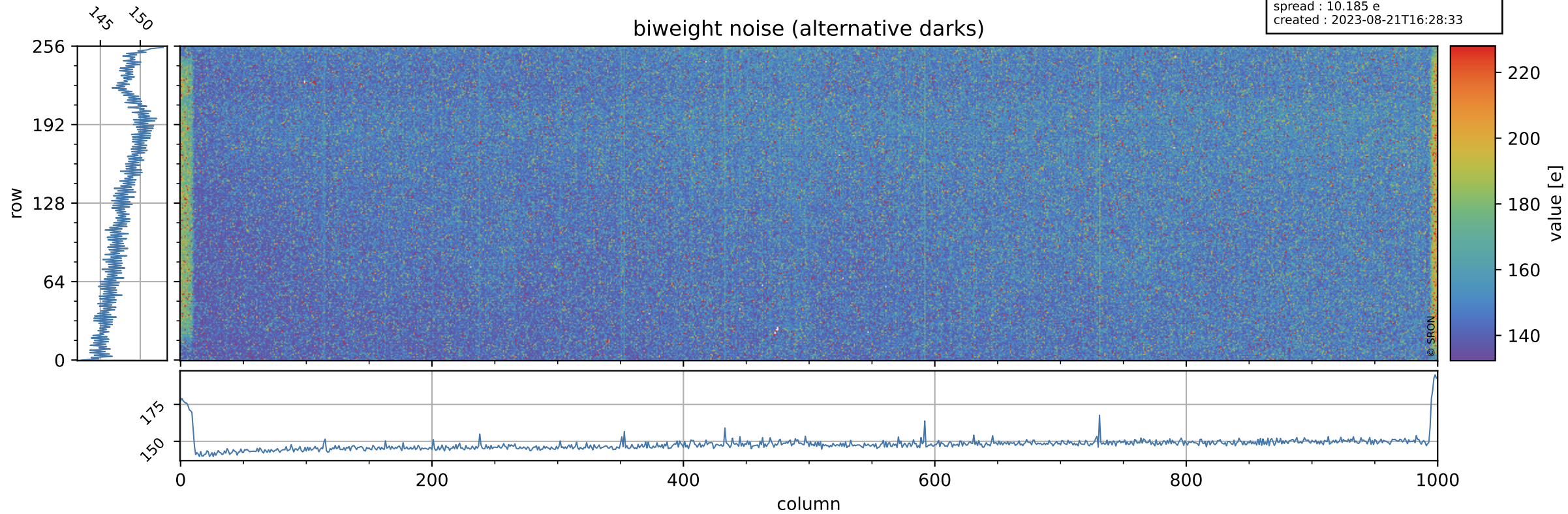
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.185 e
created : 2023-08-21T16:28:33

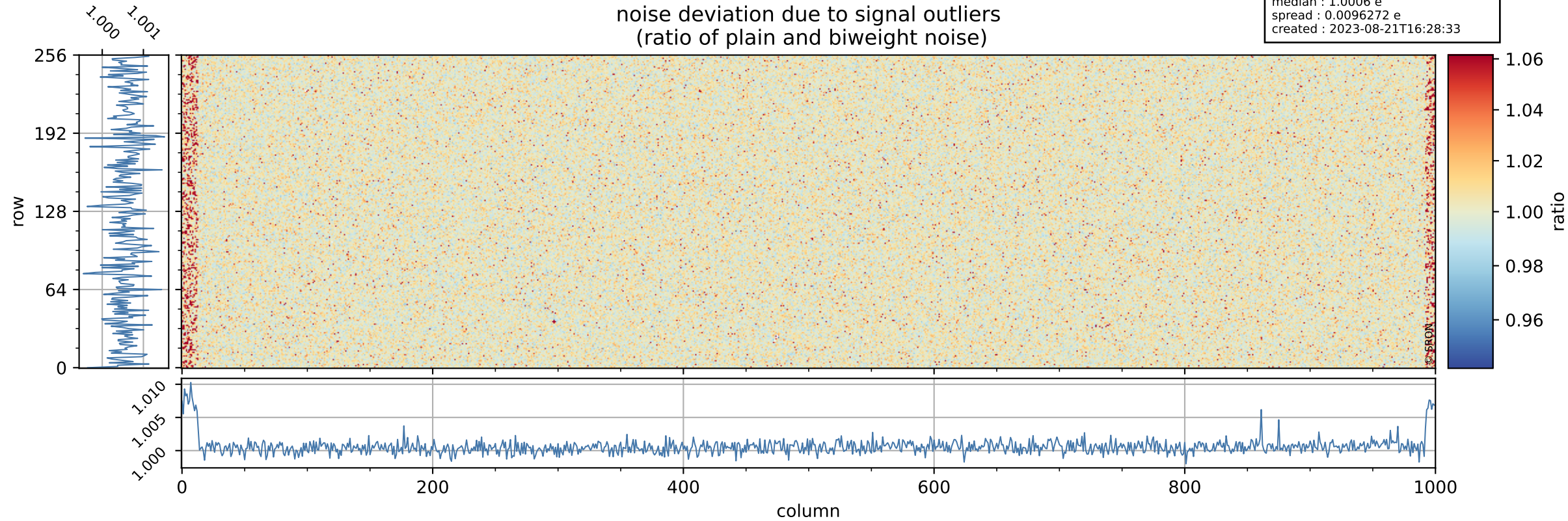
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

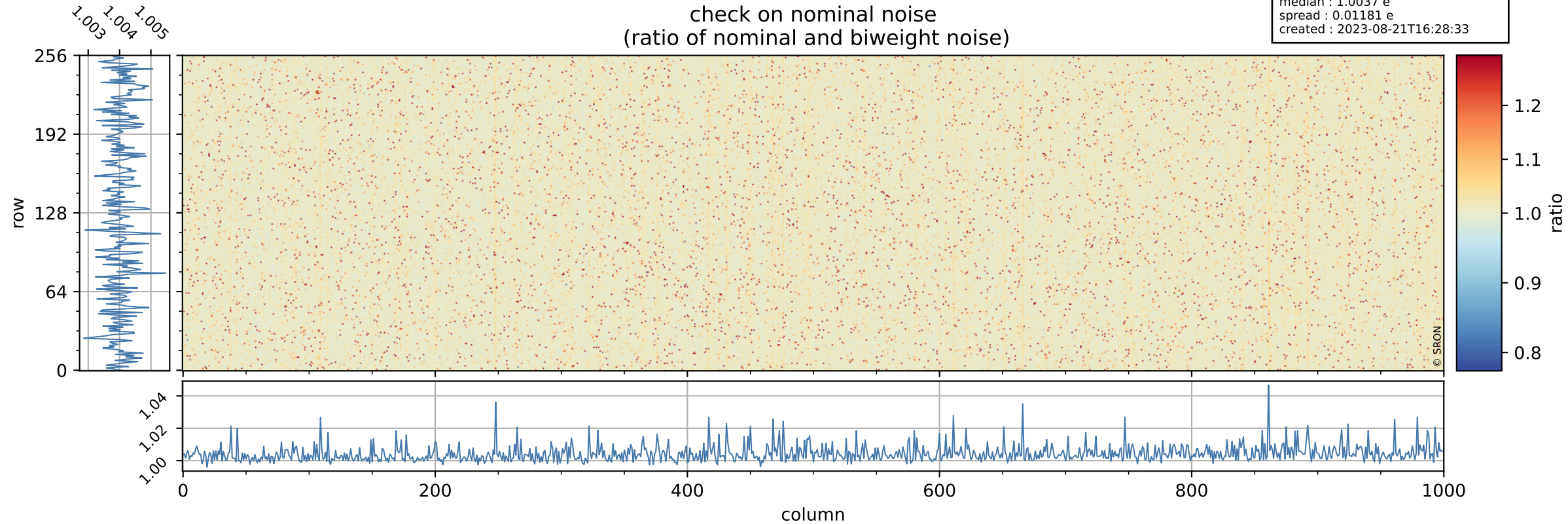
orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
median : 1.0006 e
spread : 0.0096272 e
created : 2023-08-21T16:28:33



Tropomi SWIR background noise (swir)

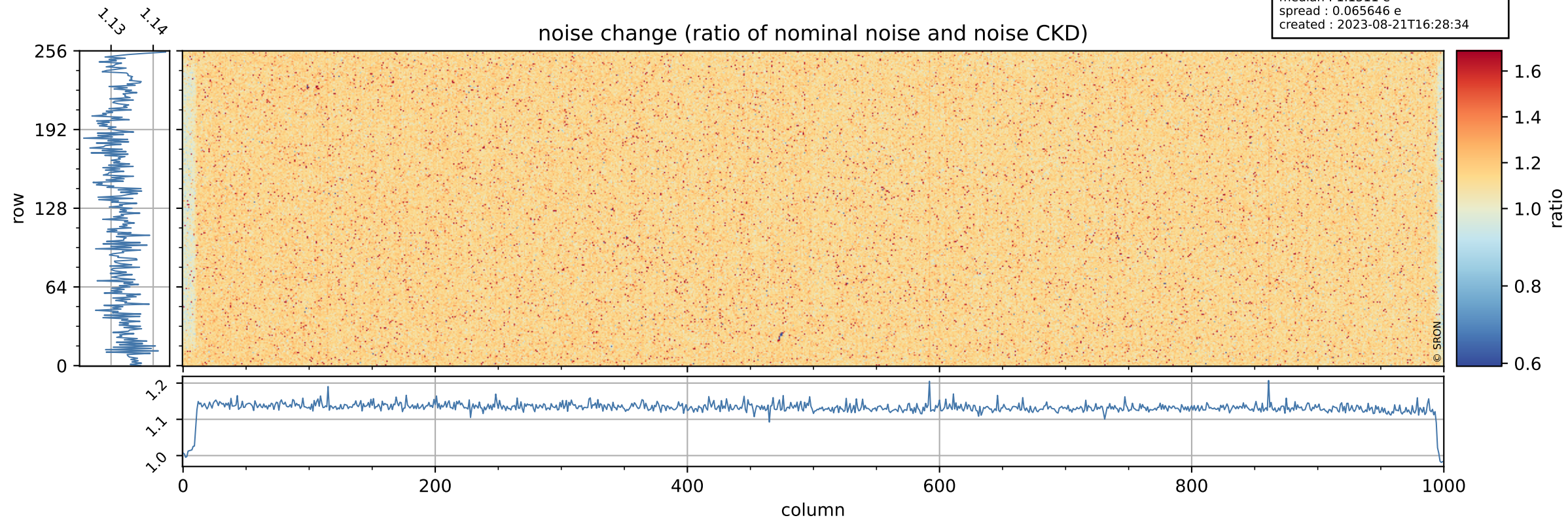
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
median : 1.0037 e
spread : 0.01181 e
created : 2023-08-21T16:28:33



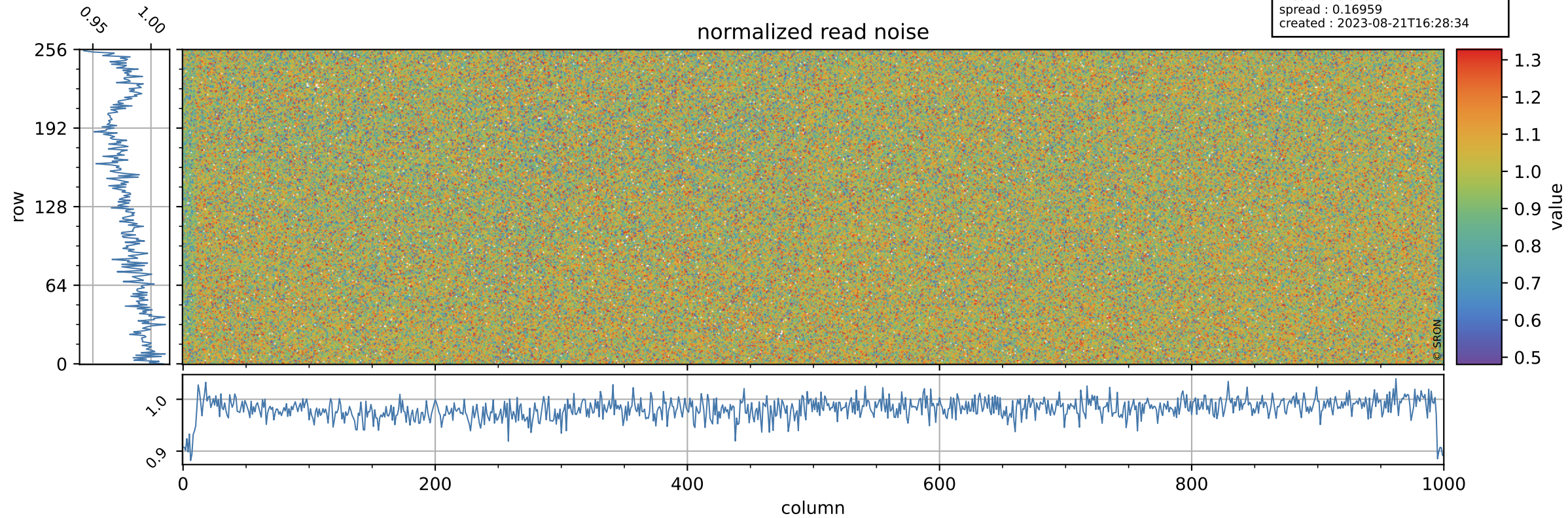
Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
median : 1.1311 e
spread : 0.065646 e
created : 2023-08-21T16:28:34



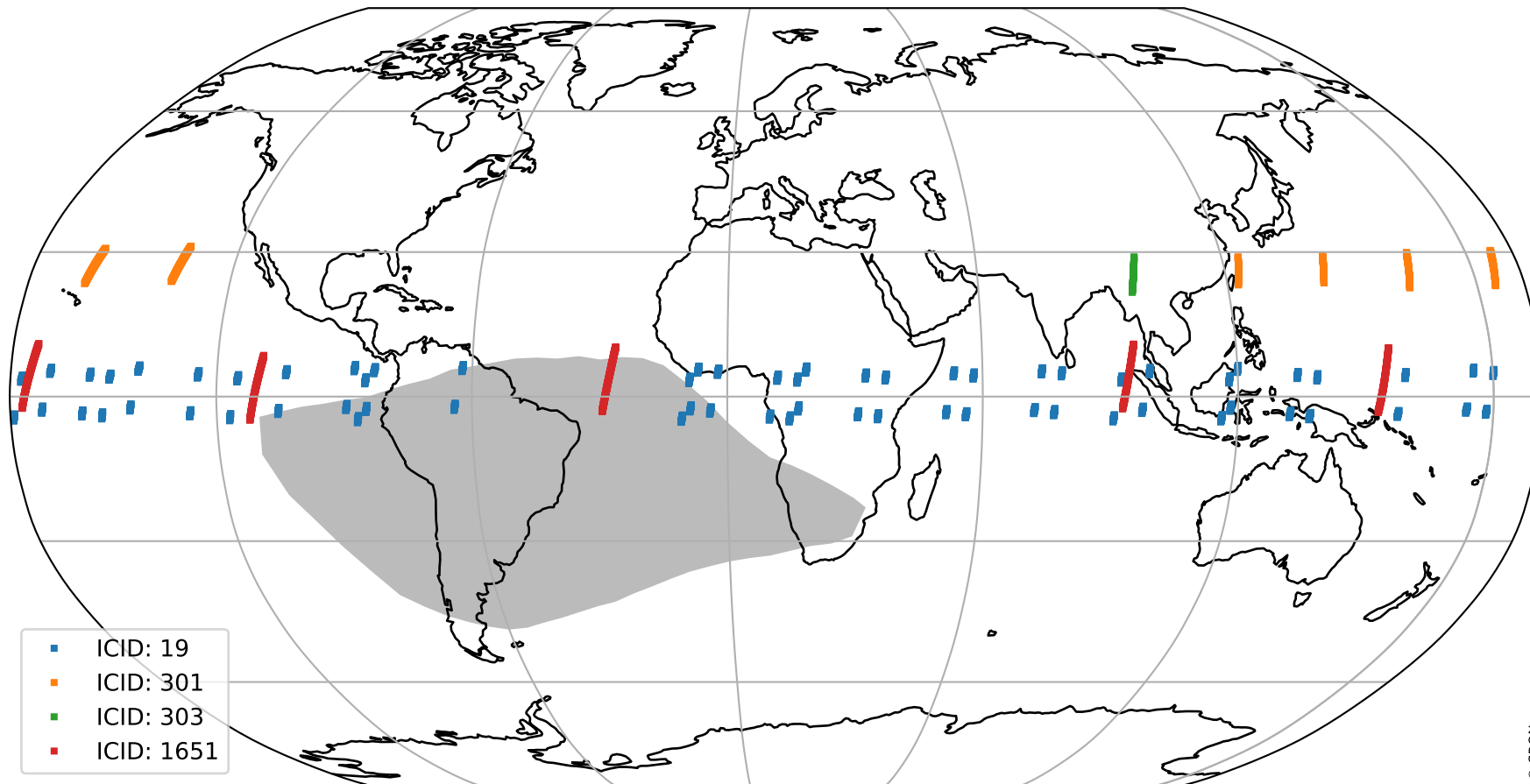
Tropomi SWIR background noise (swir)

orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
median : 0.97975
spread : 0.16959
created : 2023-08-21T16:28:34



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

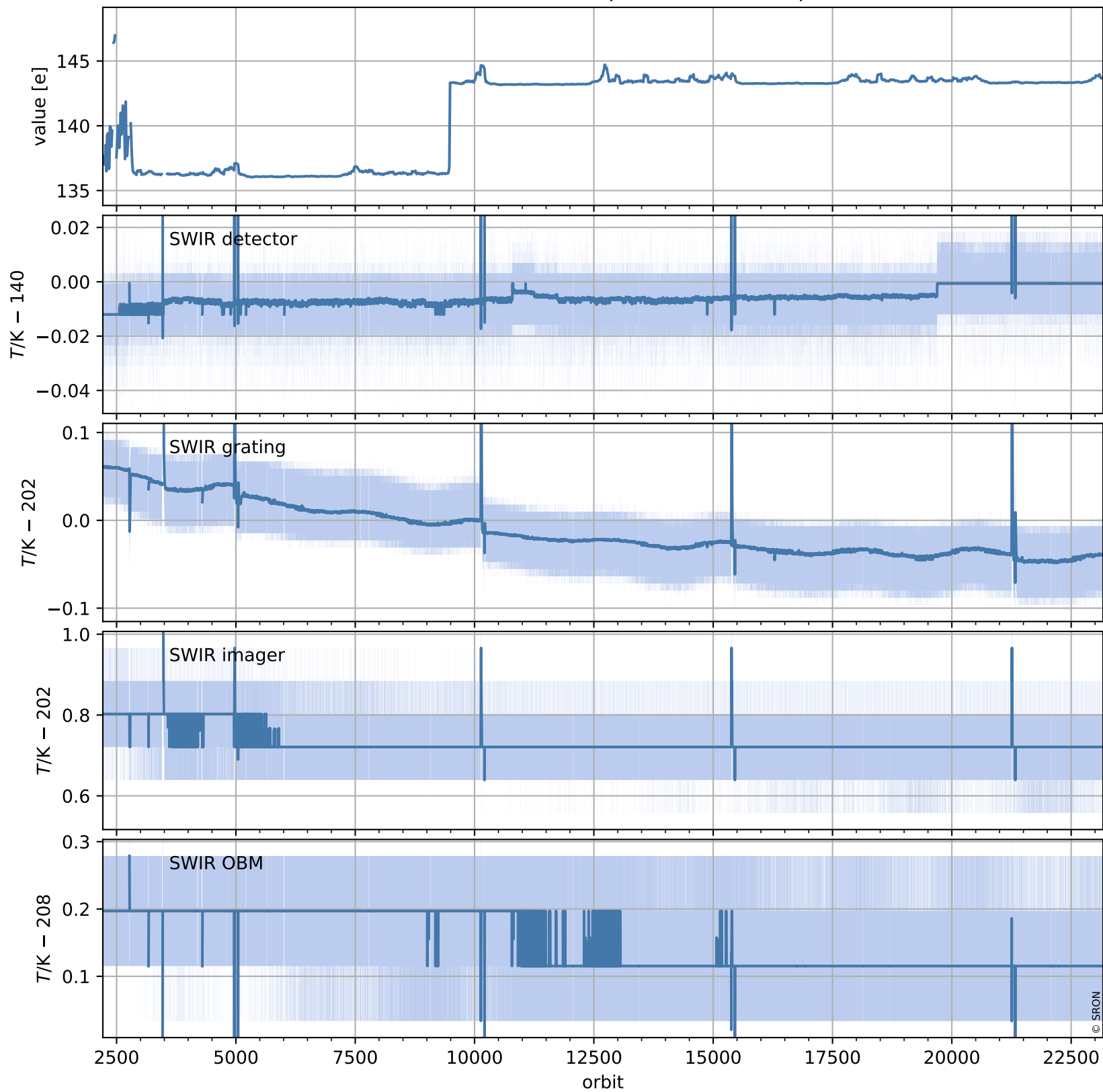
orbits : 12 in [23077, 23167]
coverage : 2022-03-28 / 2022-04-03
created : 2023-08-21T16:28:35



Tropomi SWIR background noise (swir)

orbits : [2212, 23167]
coverage : 2018-03-18 / 2022-04-03
created : 2023-08-21T16:28:35

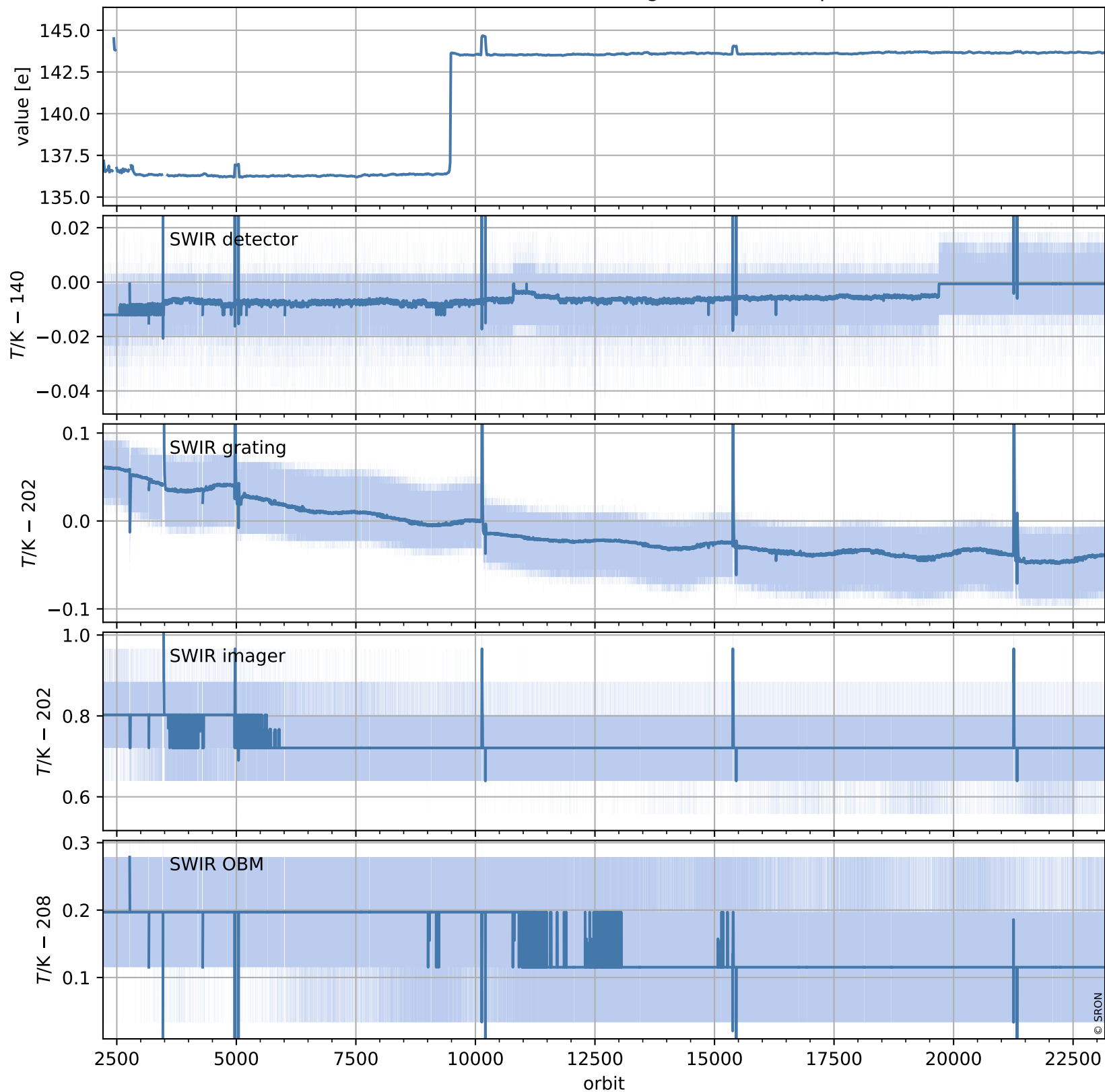
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23167]
coverage : 2018-03-18 / 2022-04-03
created : 2023-08-21T16:28:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23167]
coverage : 2018-03-18 / 2022-04-03
created : 2023-08-21T16:28:37

trend of normalized read-noise & temperatures

