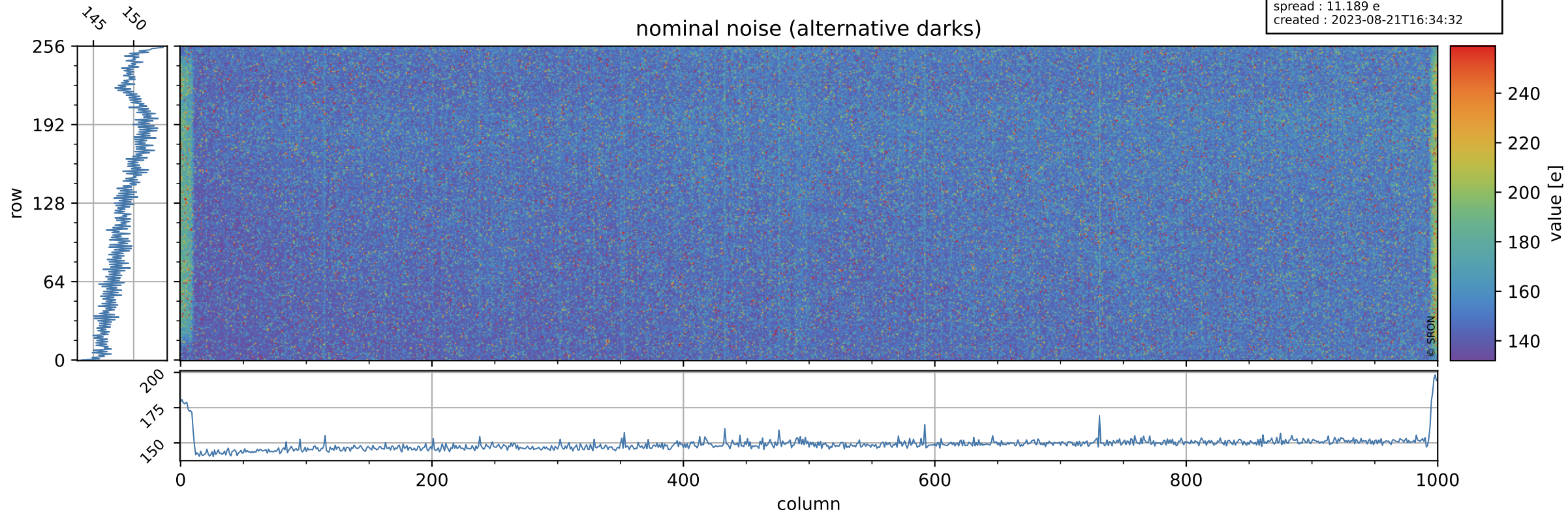


Tropomi SWIR background noise (swir)

orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.189 e
created : 2023-08-21T16:34:32

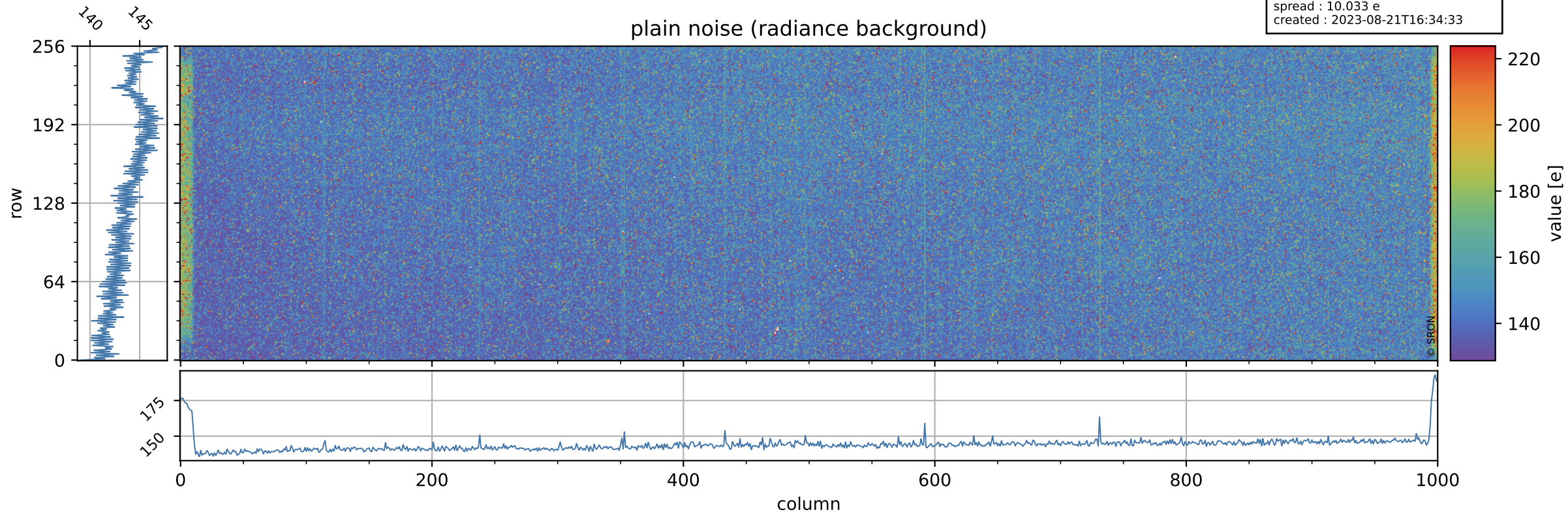
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 10.033 e
created : 2023-08-21T16:34:33

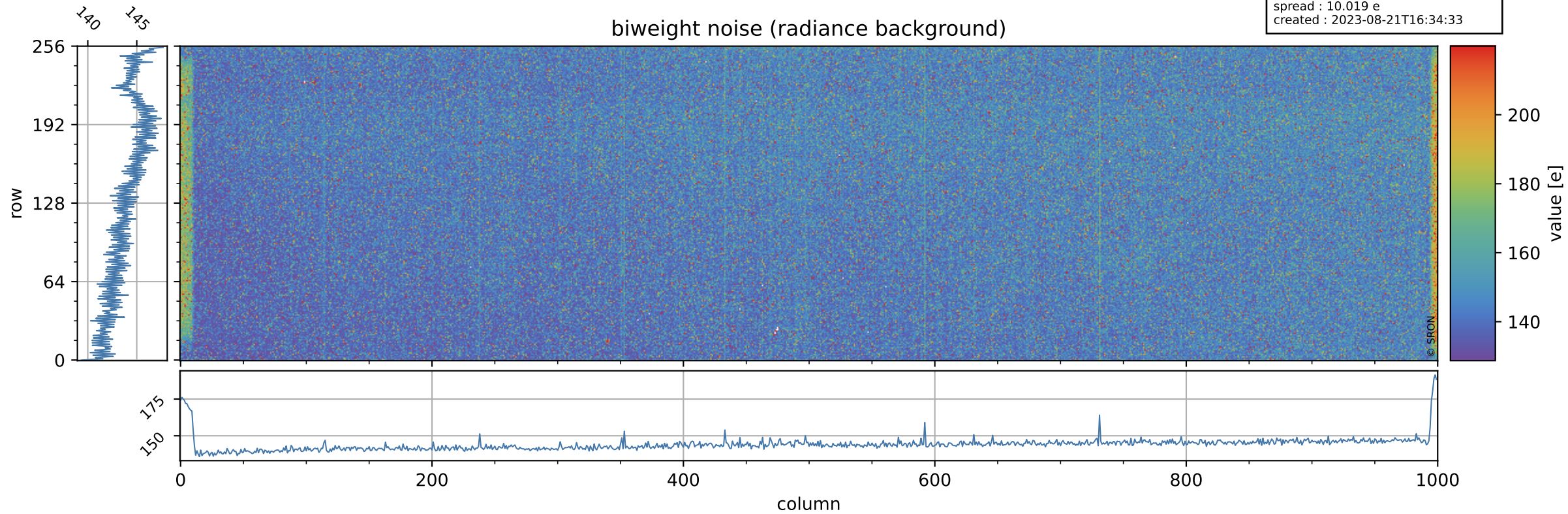
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.019 e
created : 2023-08-21T16:34:33

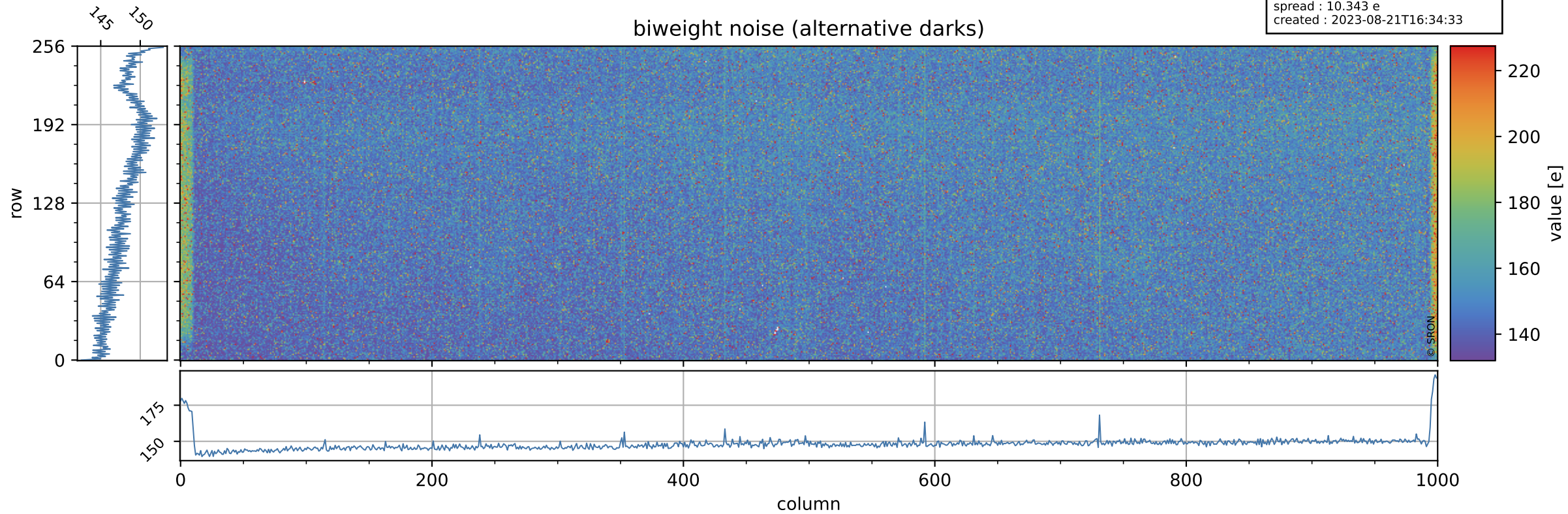
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.343 e
created : 2023-08-21T16:34:33

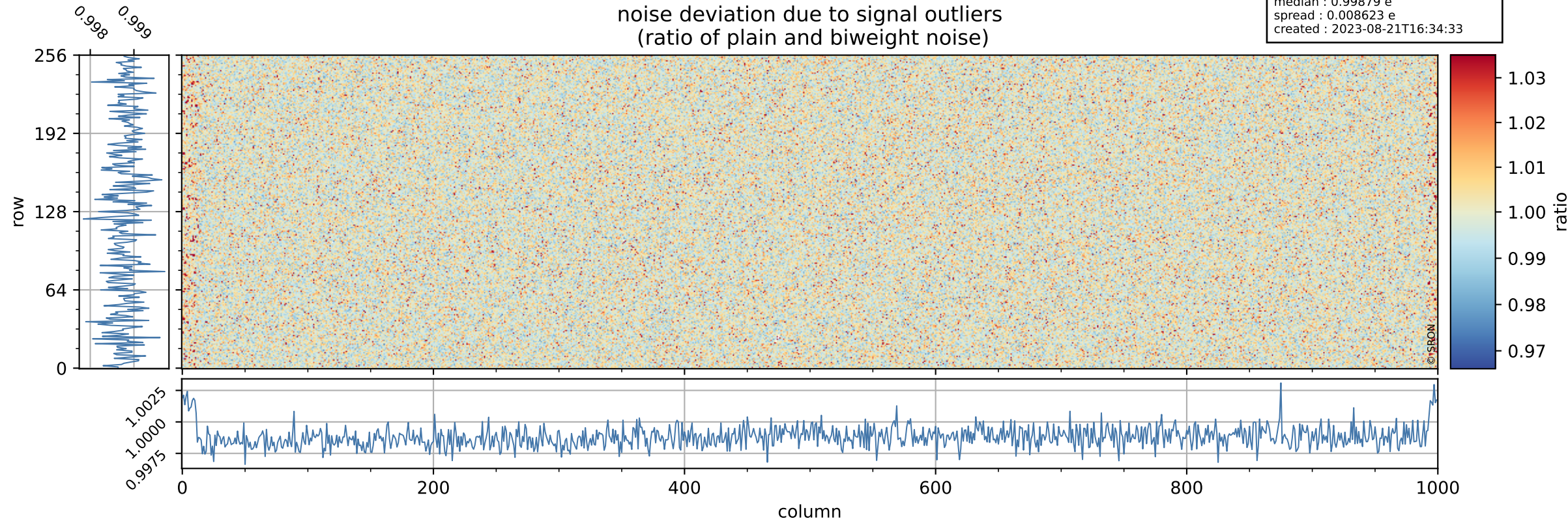
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

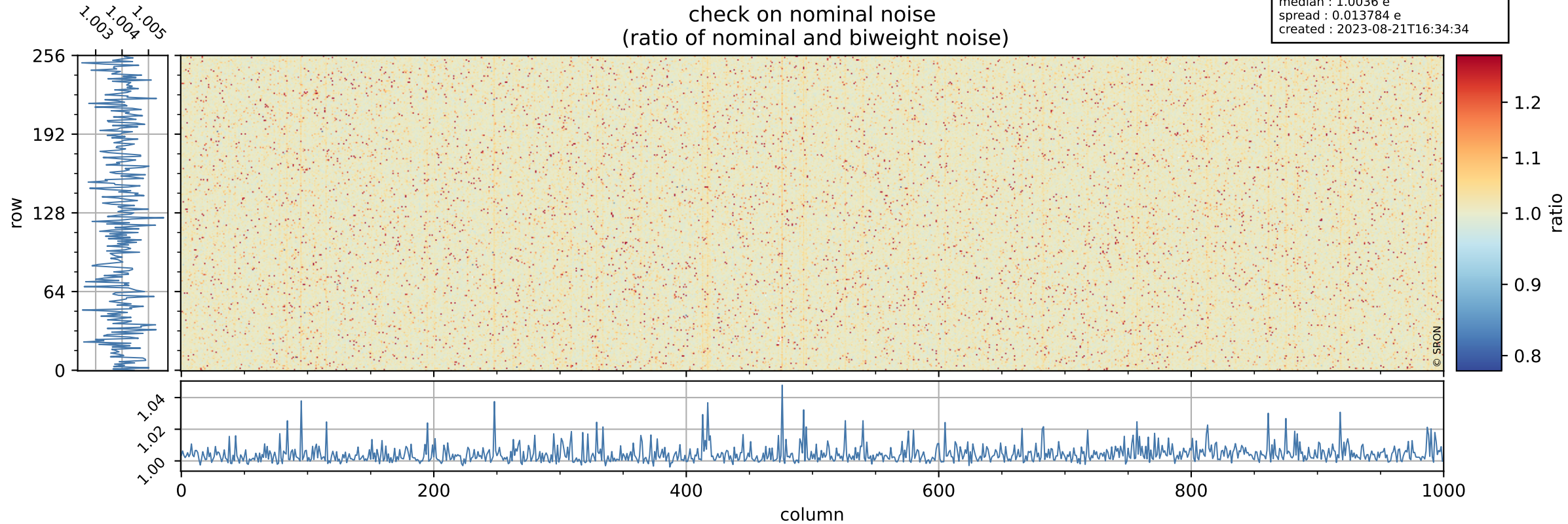
orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
median : 0.99879 e
spread : 0.008623 e
created : 2023-08-21T16:34:33



Tropomi SWIR background noise (swir)

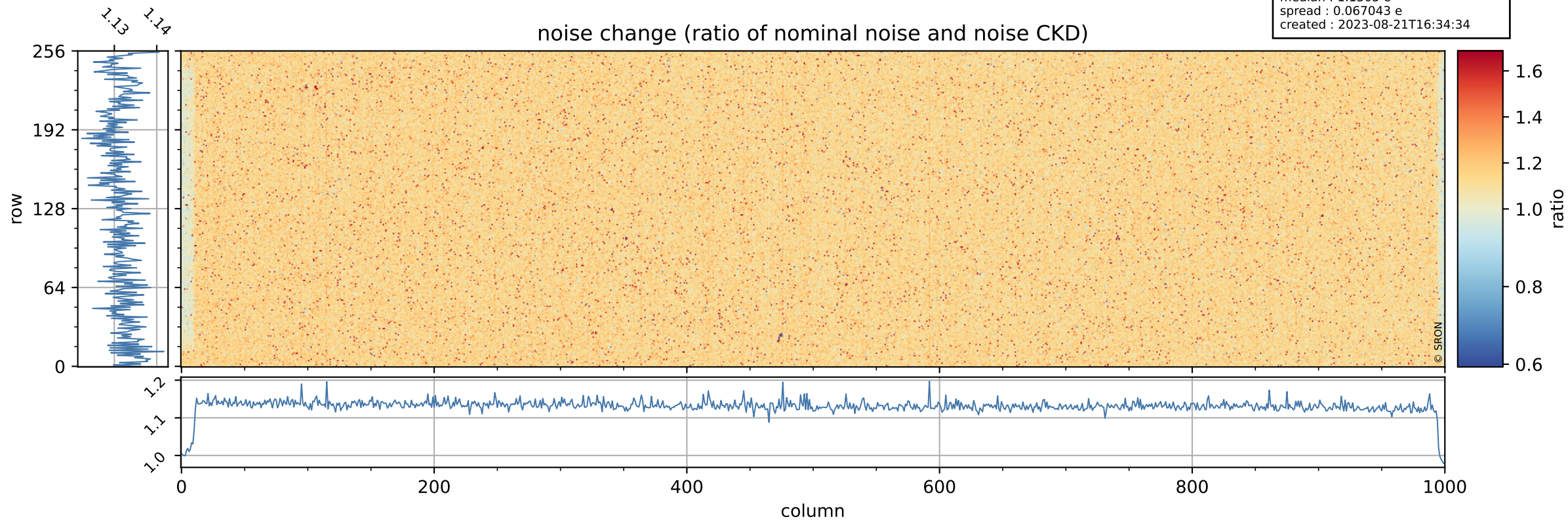
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
median : 1.0036 e
spread : 0.013784 e
created : 2023-08-21T16:34:34



Tropomi SWIR background noise (swir)

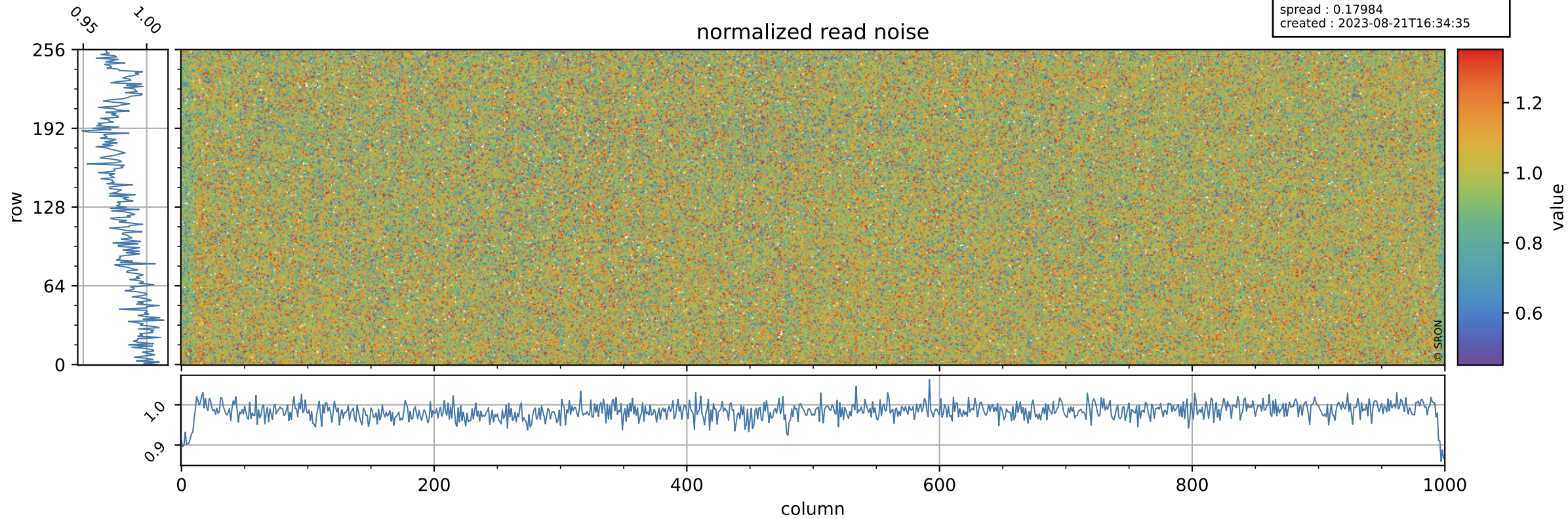
orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
median : 1.1305 e
spread : 0.067043 e
created : 2023-08-21T16:34:34



Tropomi SWIR background noise (swir)

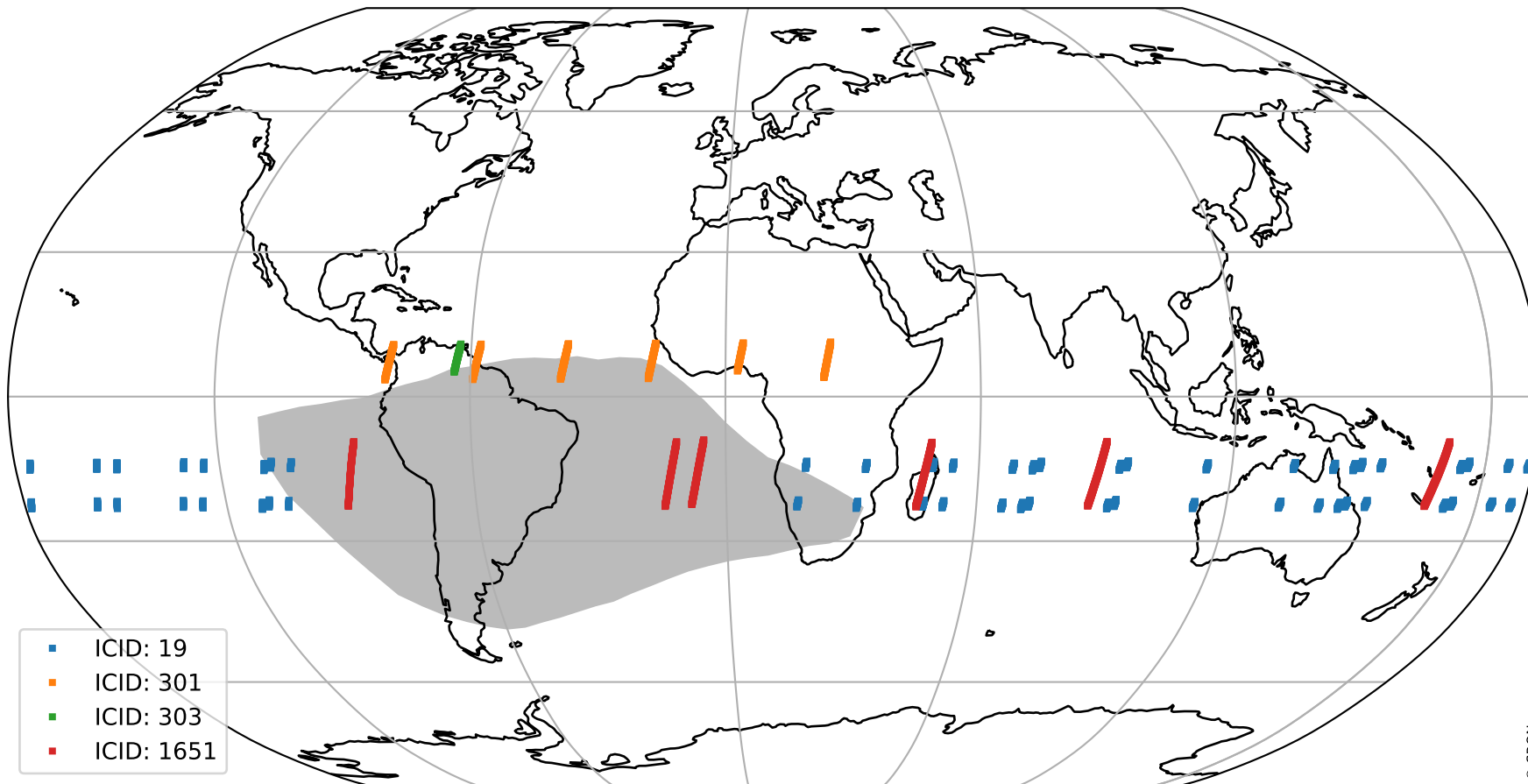
orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
median : 0.98206
spread : 0.17984
created : 2023-08-21T16:34:35

normalized read noise



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

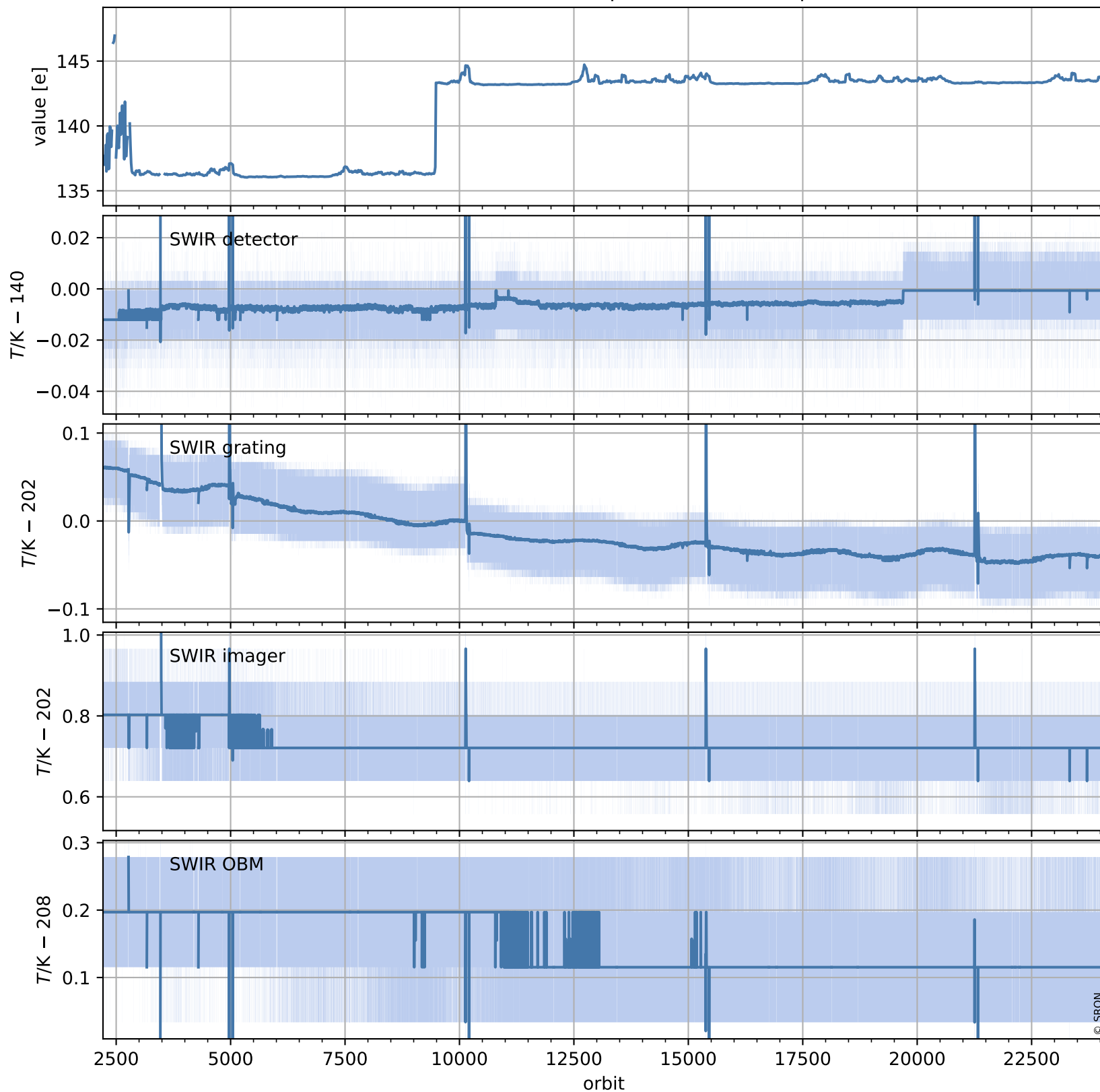
orbits : 13 in [24007, 24097]
coverage : 2022-06-01 / 2022-06-07
created : 2023-08-21T16:34:35



Tropomi SWIR background noise (swir)

orbits : [2212, 24097]
coverage : 2018-03-18 / 2022-06-07
created : 2023-08-21T16:34:35

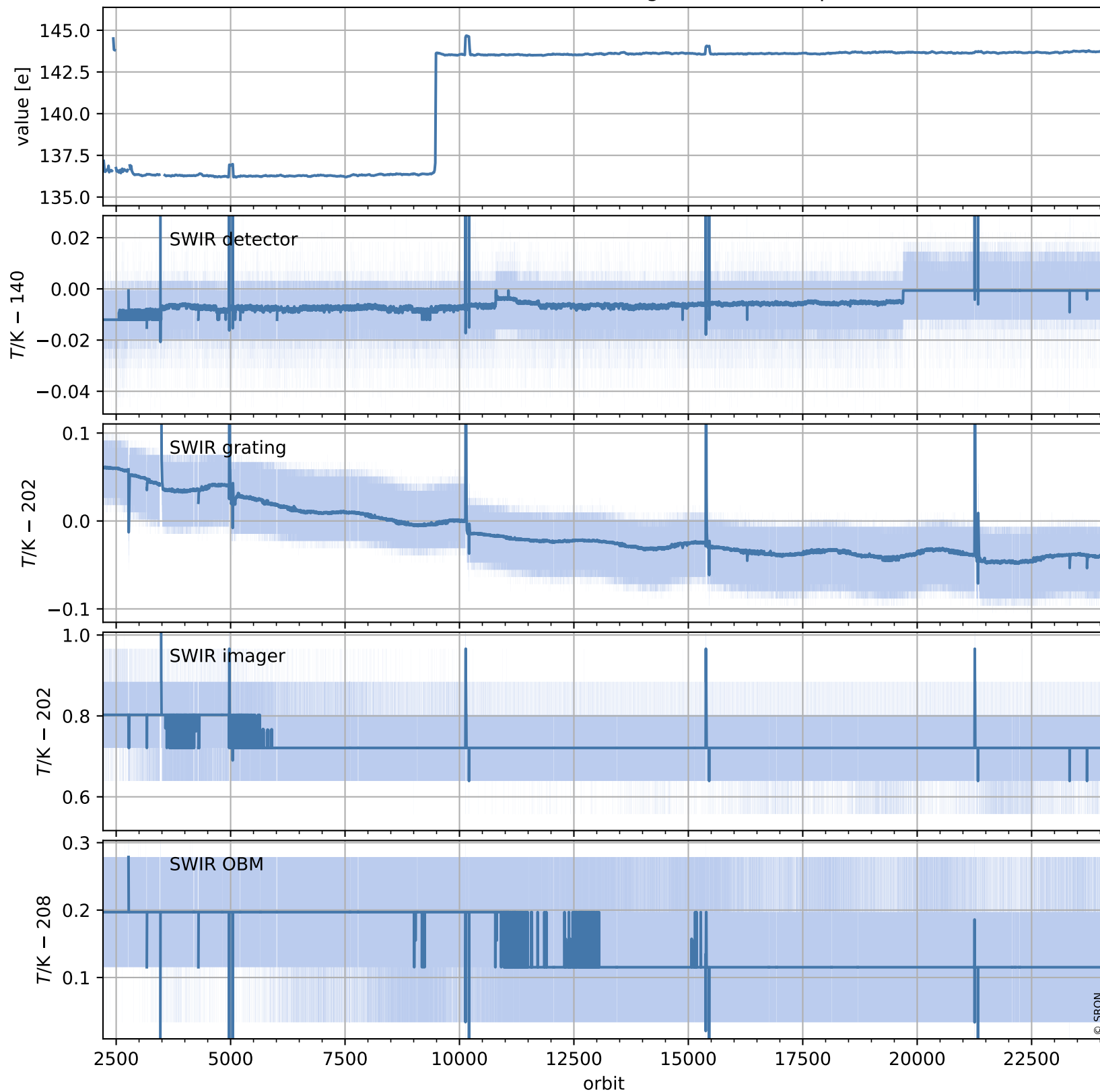
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24097]
coverage : 2018-03-18 / 2022-06-07
created : 2023-08-21T16:34:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24097]
coverage : 2018-03-18 / 2022-06-07
created : 2023-08-21T16:34:37

trend of normalized read-noise & temperatures

