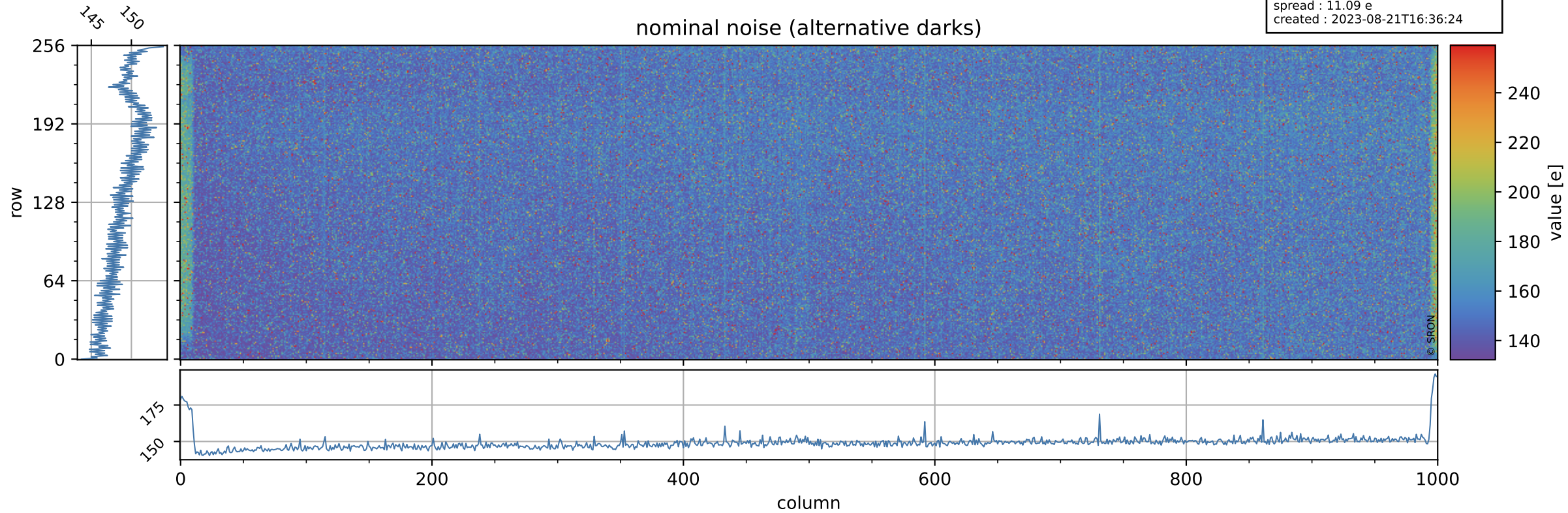


Tropomi SWIR background noise (swir)

orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 11.09 e
created : 2023-08-21T16:36:24

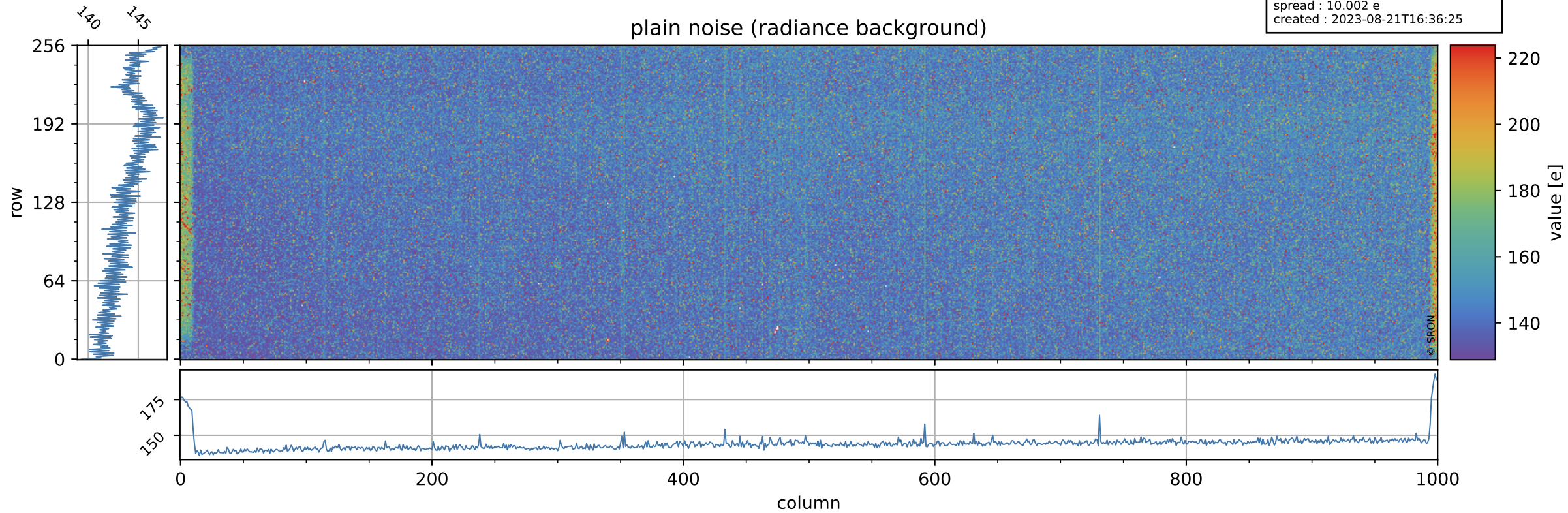
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 10.002 e
created : 2023-08-21T16:36:25

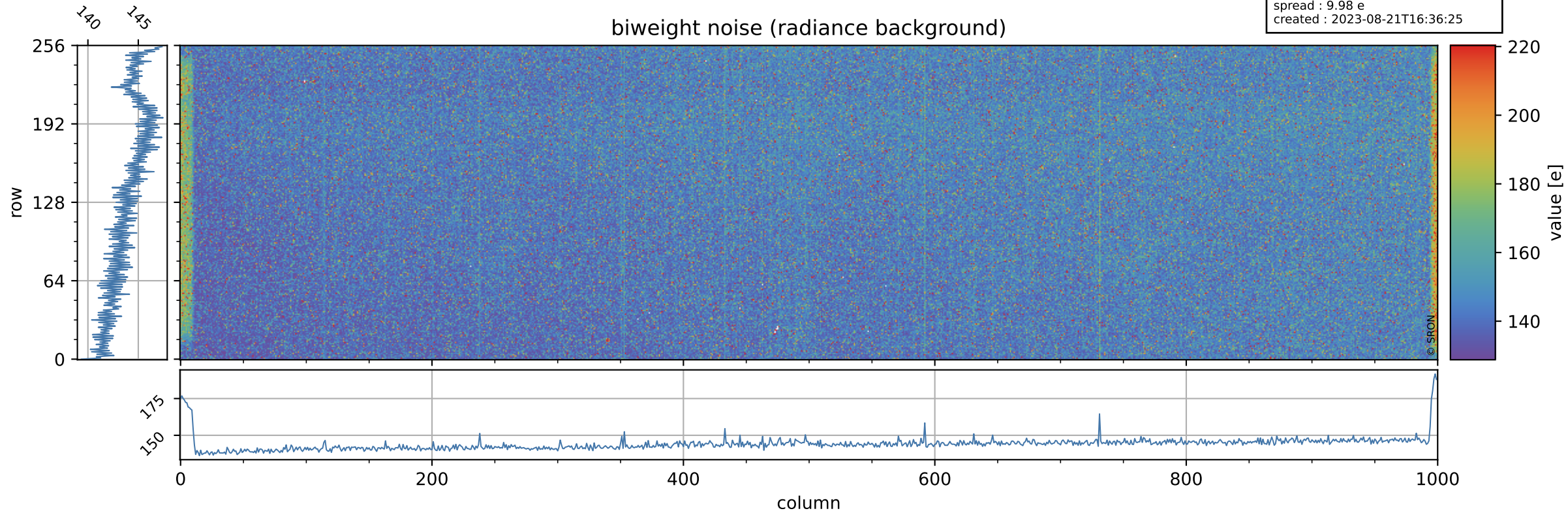
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.98 e
created : 2023-08-21T16:36:25

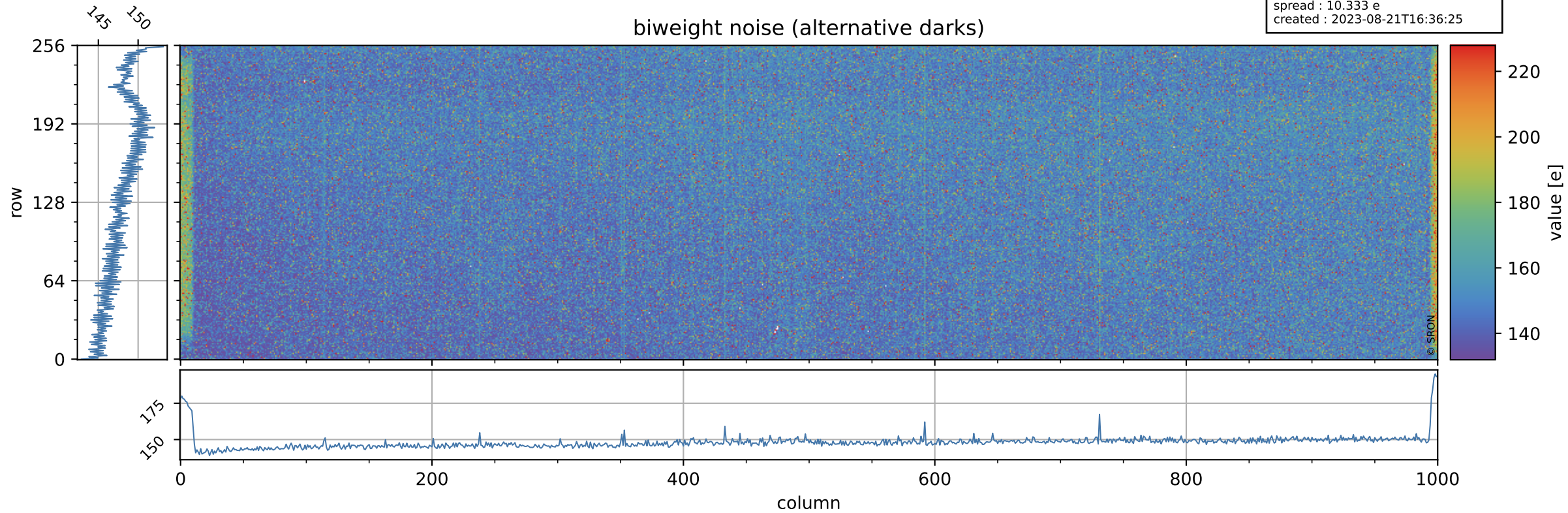
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.333 e
created : 2023-08-21T16:36:25

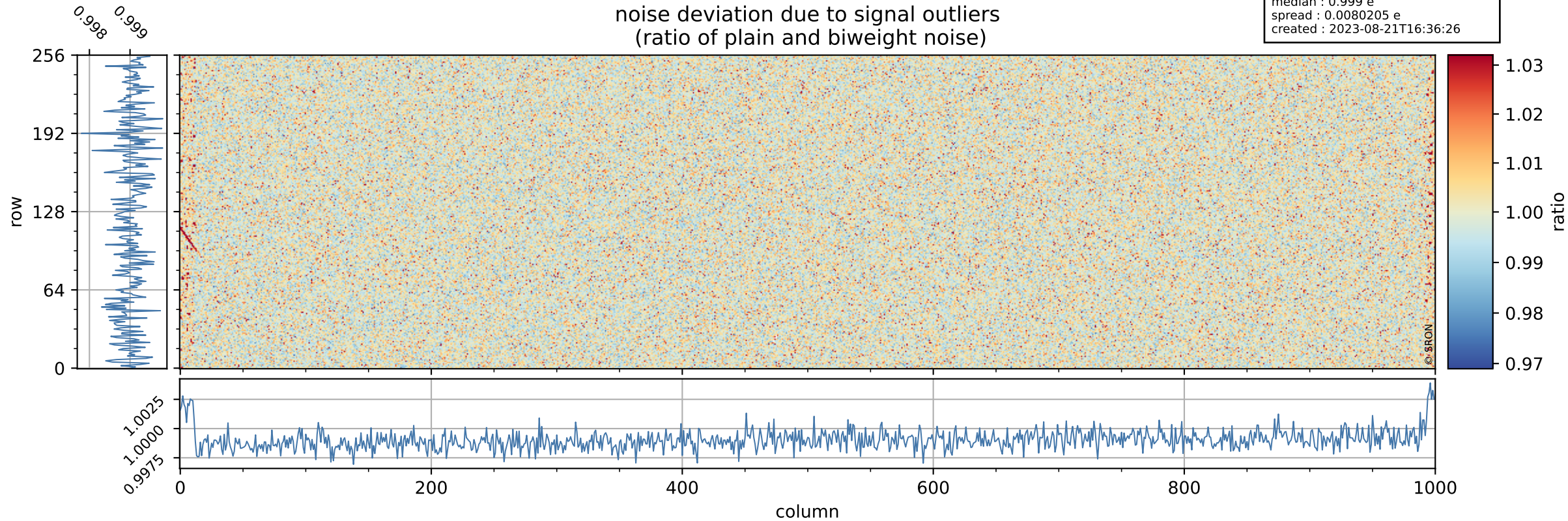
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

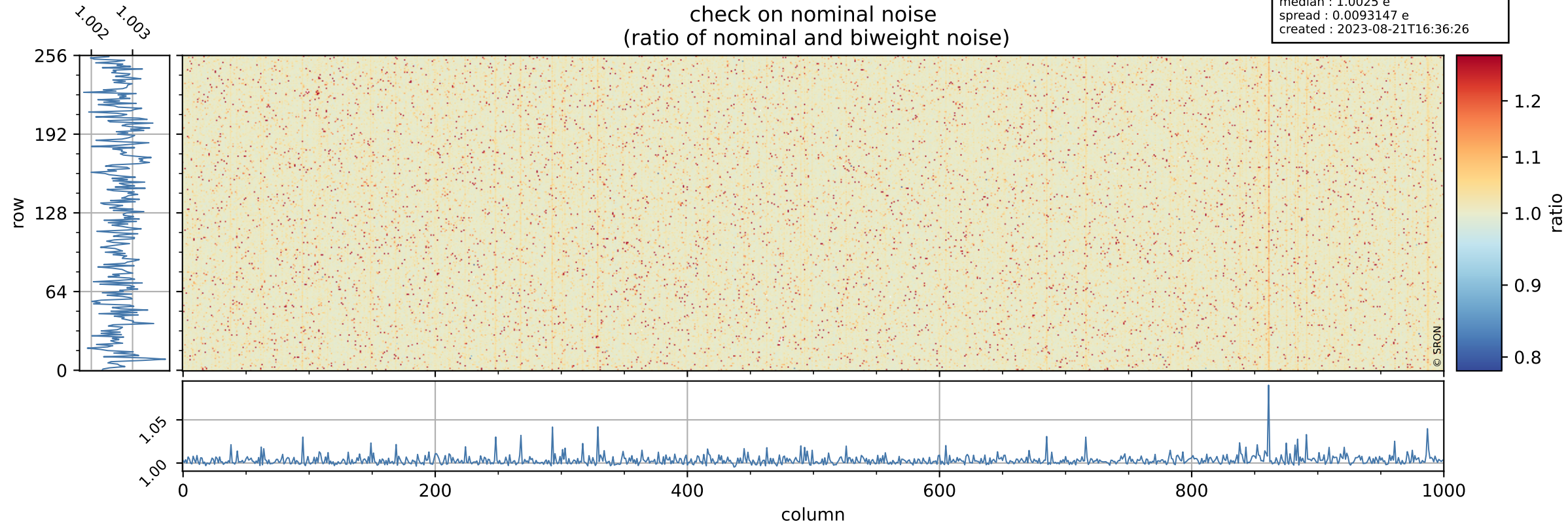
orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
median : 0.999 e
spread : 0.0080205 e
created : 2023-08-21T16:36:26



Tropomi SWIR background noise (swir)

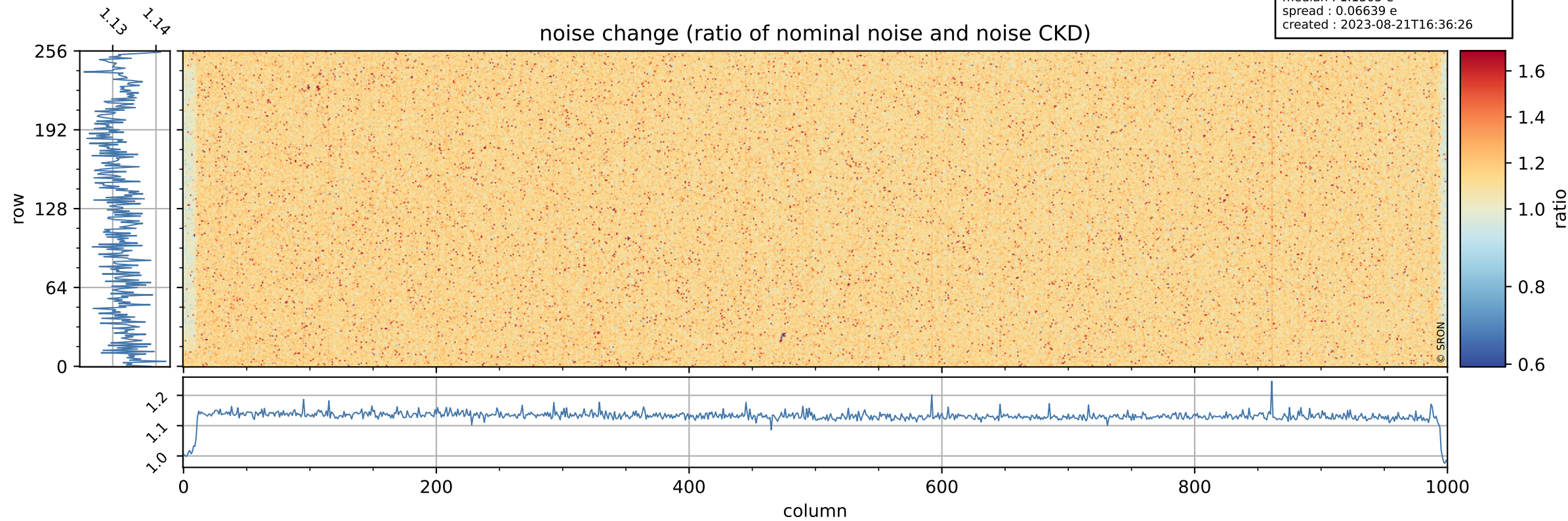
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
median : 1.0025 e
spread : 0.0093147 e
created : 2023-08-21T16:36:26



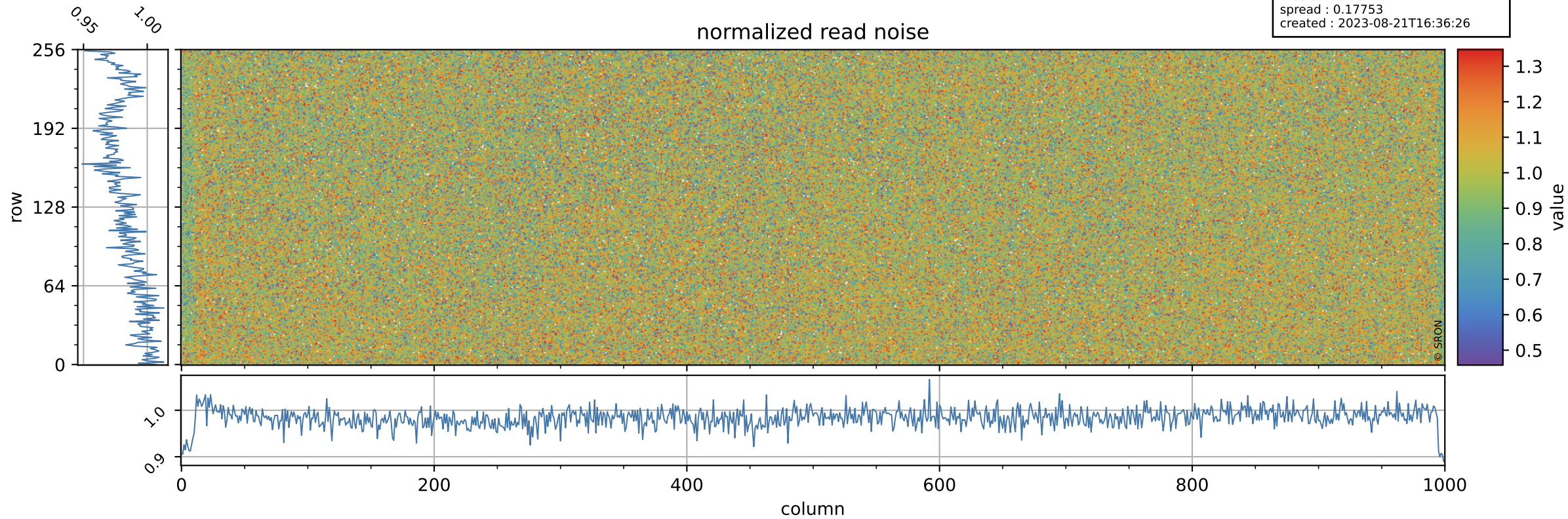
Tropomi SWIR background noise (swir)

orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
median : 1.1305 e
spread : 0.06639 e
created : 2023-08-21T16:36:26



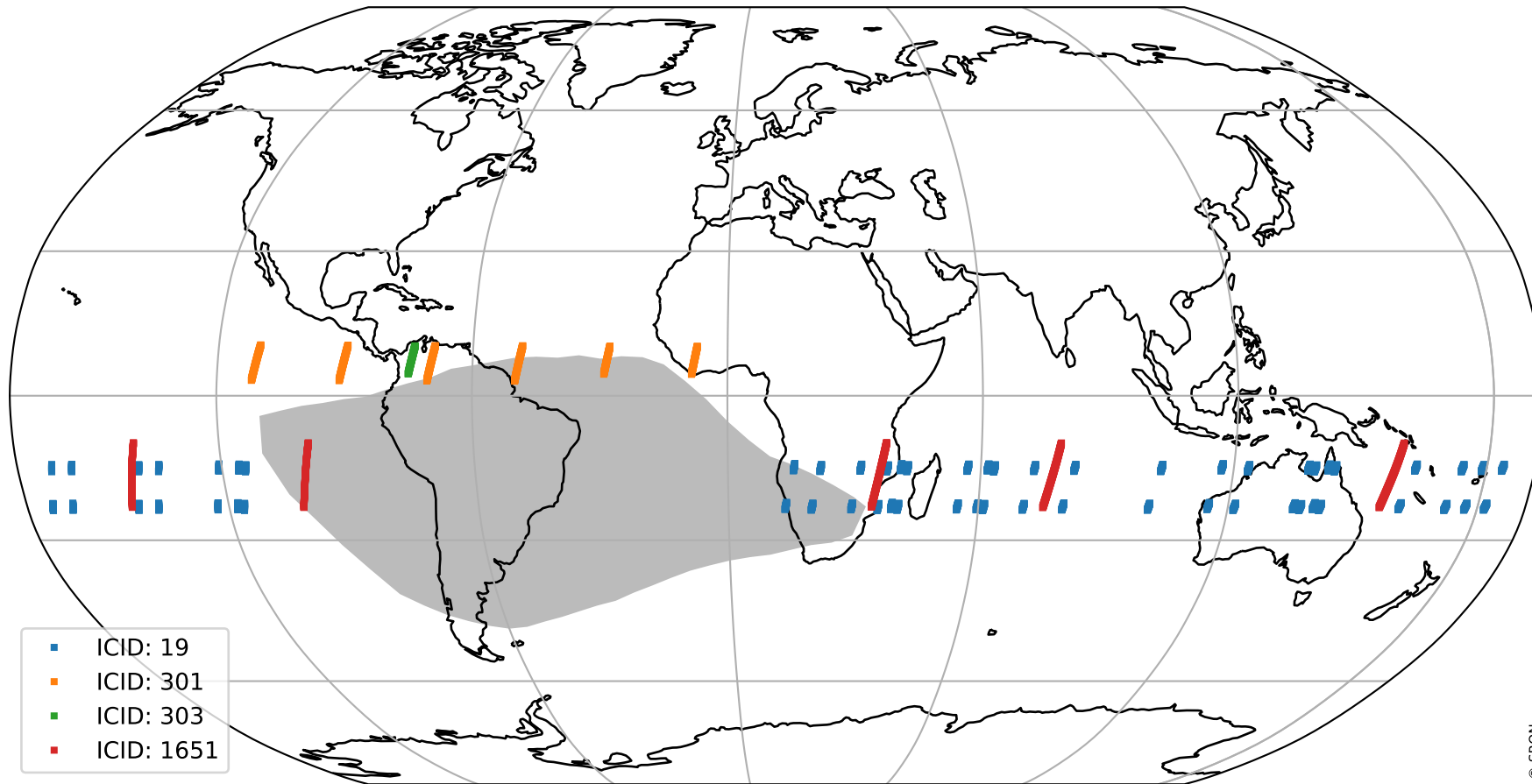
Tropomi SWIR background noise (swir)

orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
median : 0.98216
spread : 0.17753
created : 2023-08-21T16:36:26



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

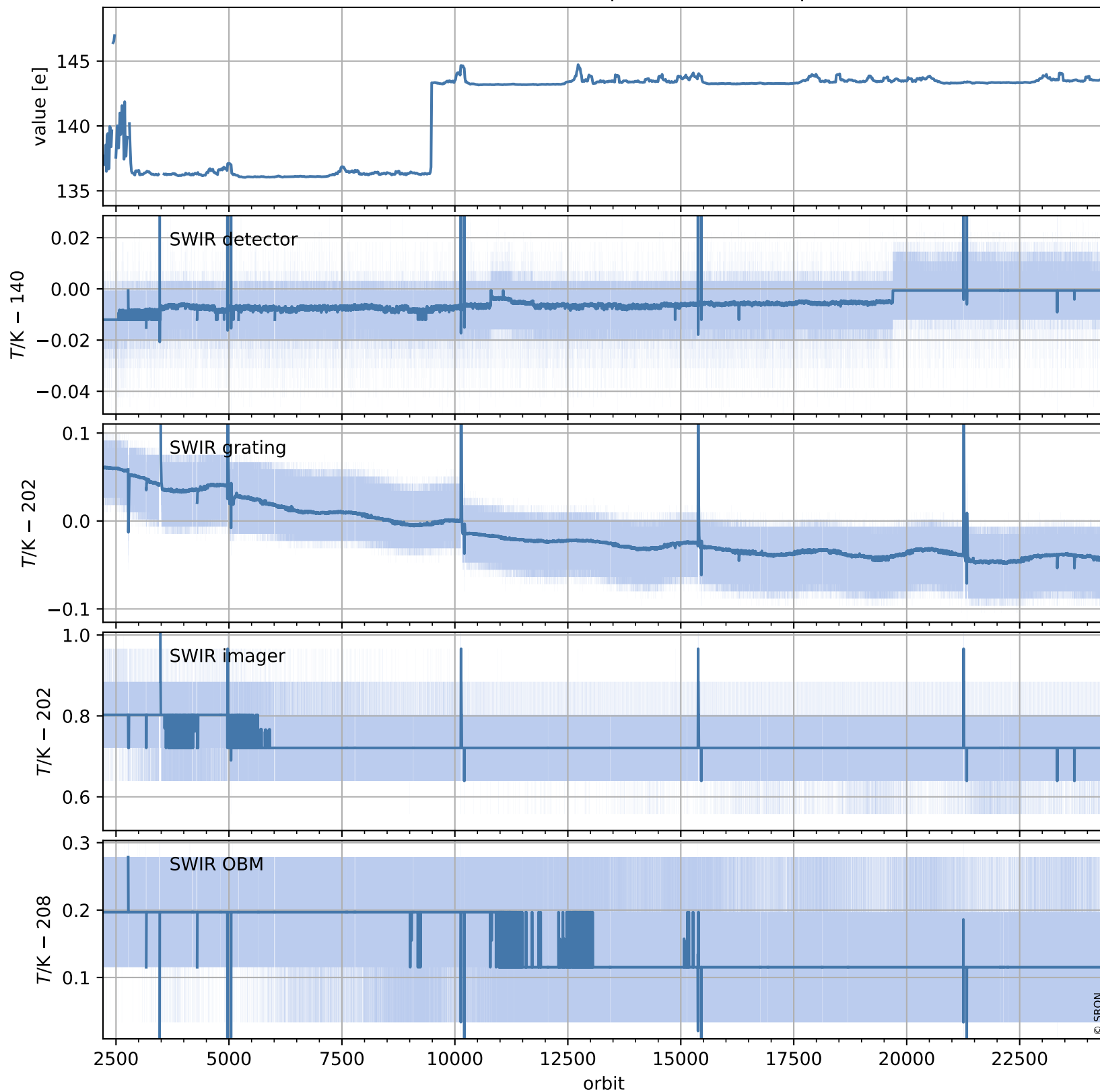
orbits : 12 in [24292, 24382]
coverage : 2022-06-22 / 2022-06-27
created : 2023-08-21T16:36:27



Tropomi SWIR background noise (swir)

orbits : [2212, 24382]
coverage : 2018-03-18 / 2022-06-27
created : 2023-08-21T16:36:27

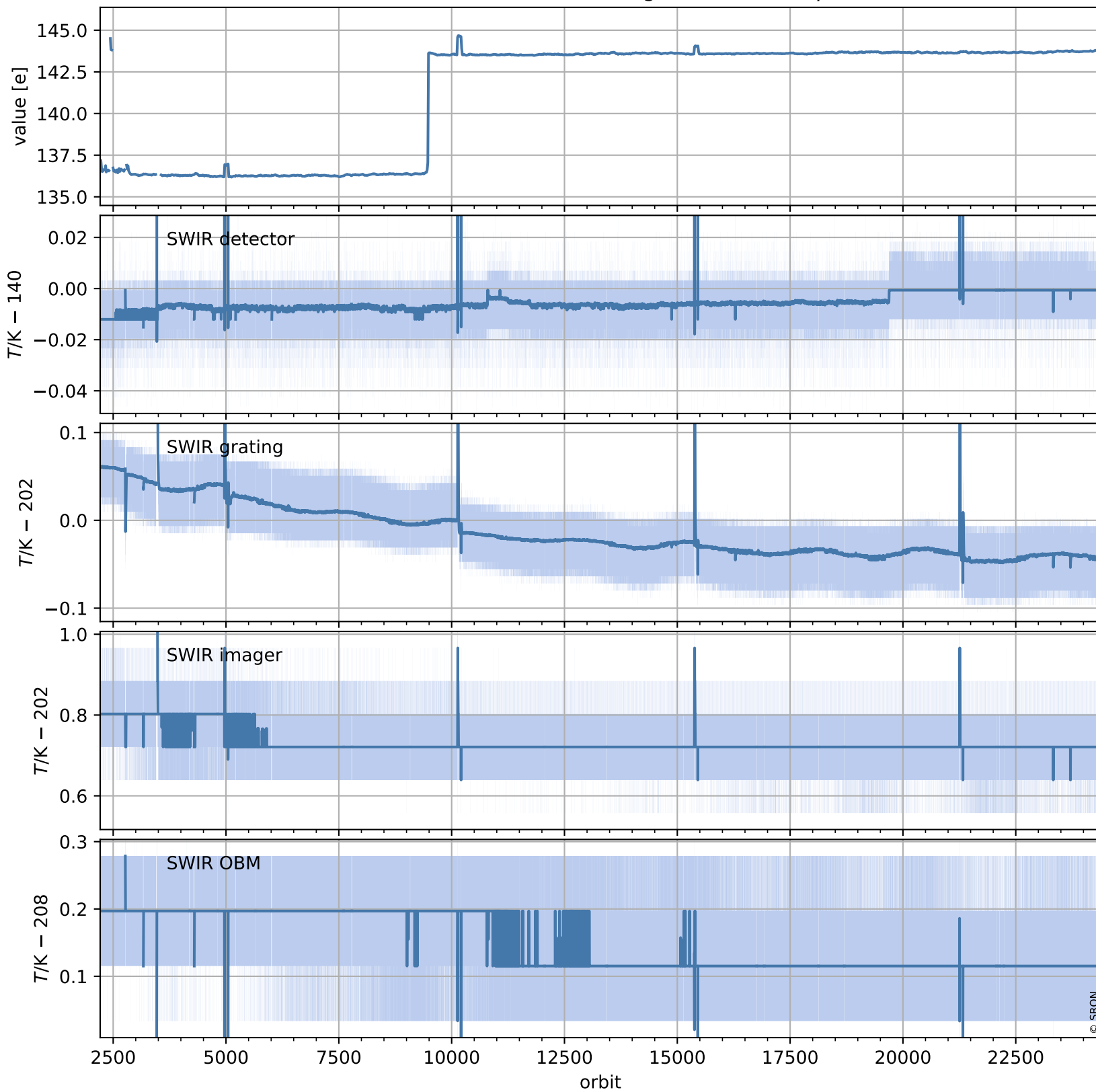
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24382]
coverage : 2018-03-18 / 2022-06-27
created : 2023-08-21T16:36:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24382]
coverage : 2018-03-18 / 2022-06-27
created : 2023-08-21T16:36:29

trend of normalized read-noise & temperatures

