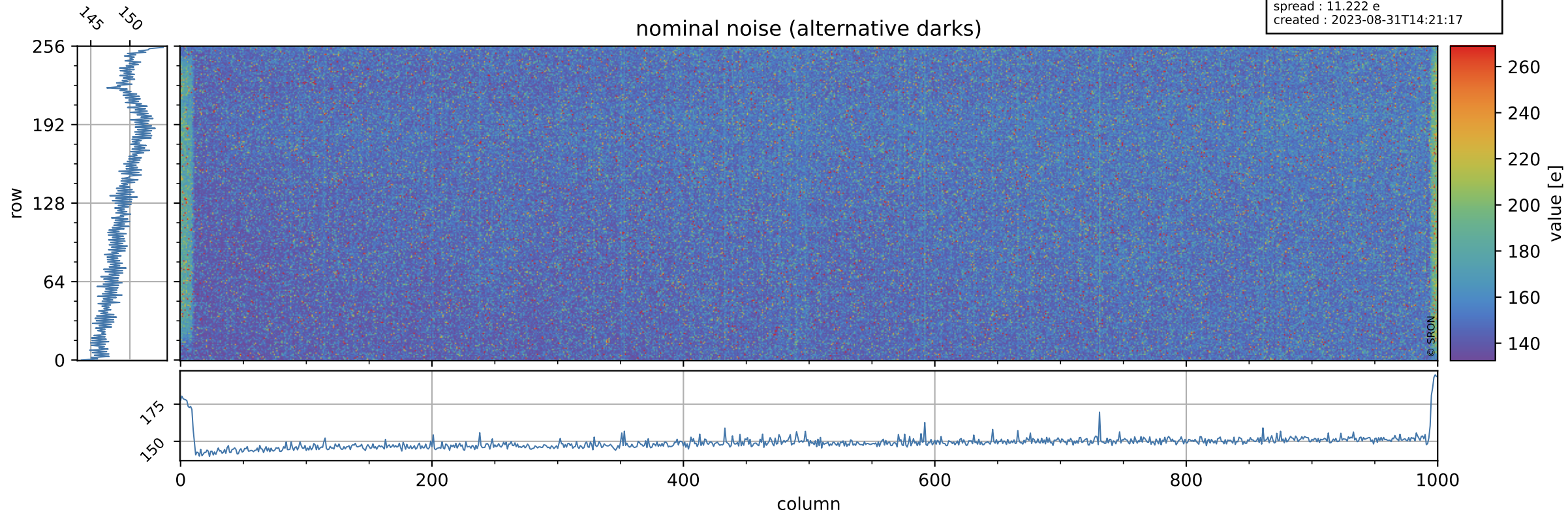


Tropomi SWIR background noise (swir)

orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
n_coad, t_exp : 1, 1.0783
median : 149.01 e
spread : 11.222 e
created : 2023-08-31T14:21:17

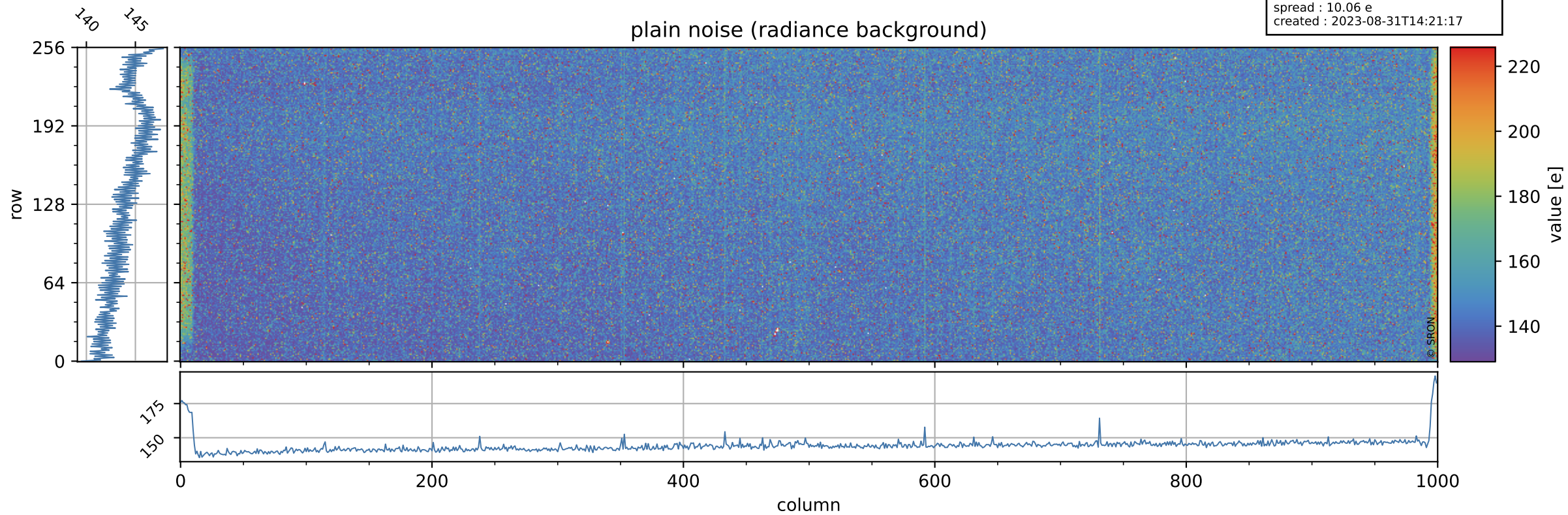
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
n_coad, t_exp : 1, 0.8383
median : 143.92 e
spread : 10.06 e
created : 2023-08-31T14:21:17

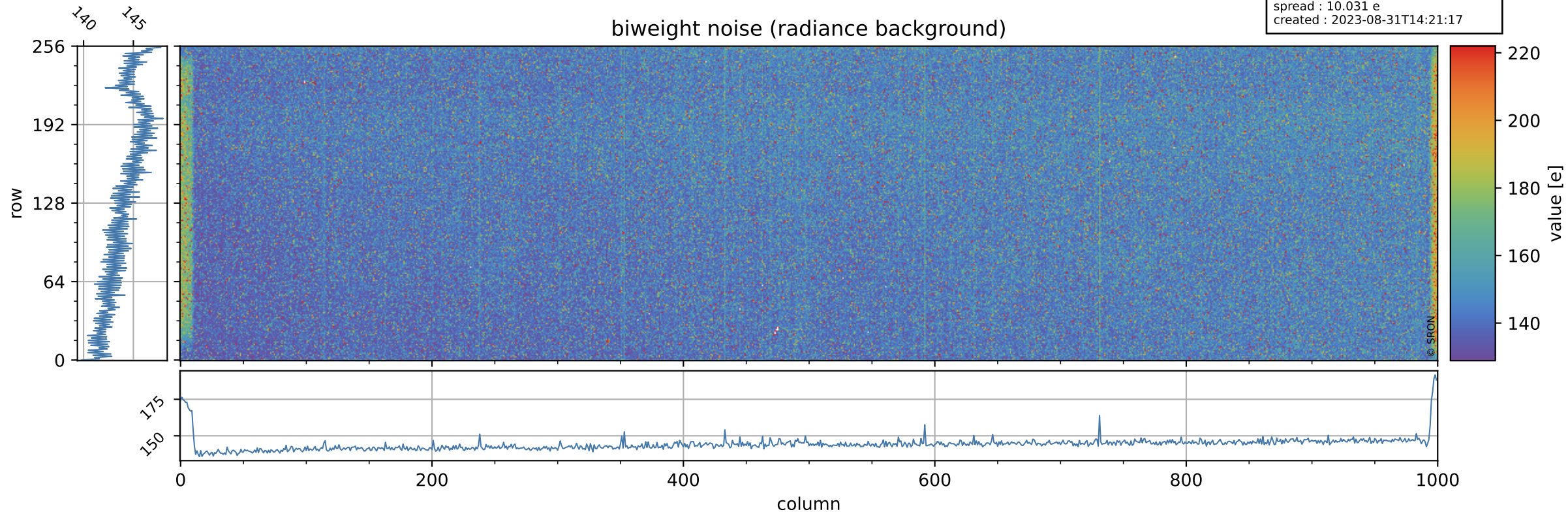
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
n_coad, t_exp : 1, 0.8383
median : 143.97 e
spread : 10.031 e
created : 2023-08-31T14:21:17

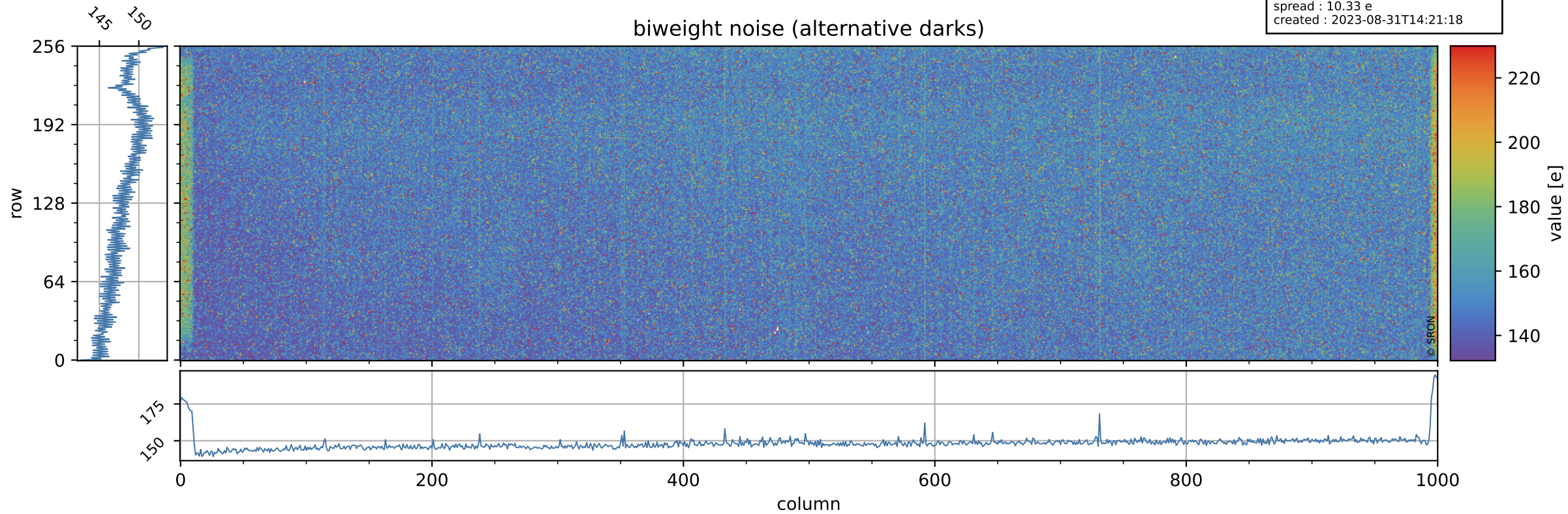
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
n_coad, t_exp : 1, 1.0783
median : 147.93 e
spread : 10.33 e
created : 2023-08-31T14:21:18

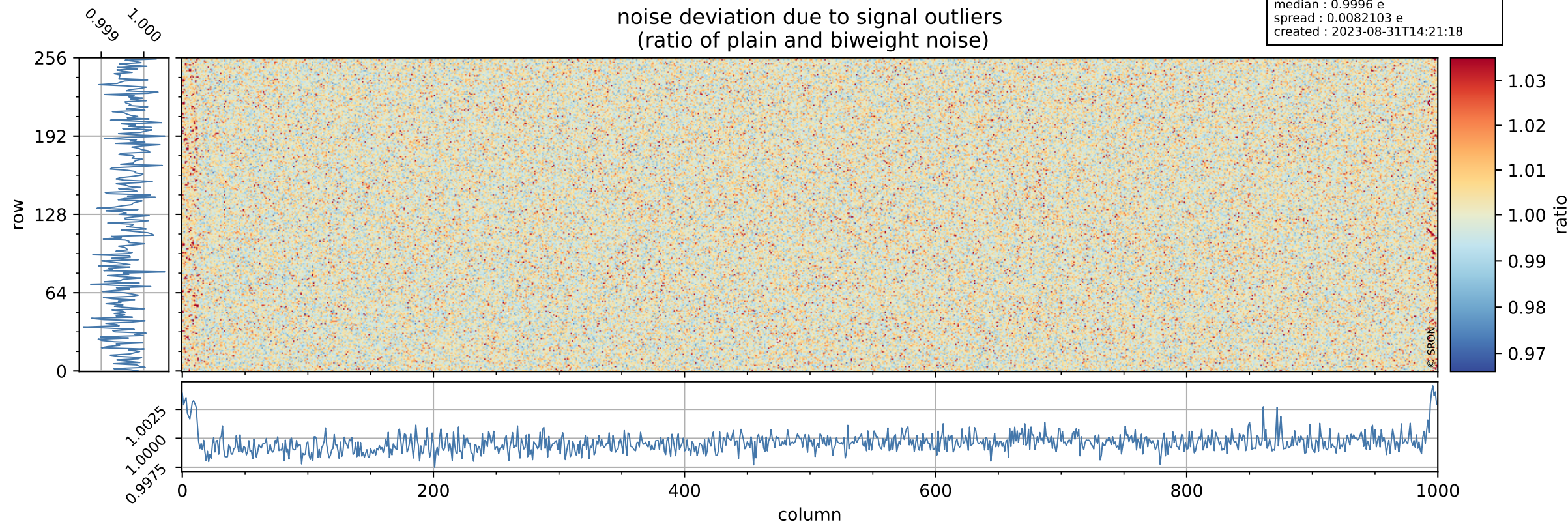
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

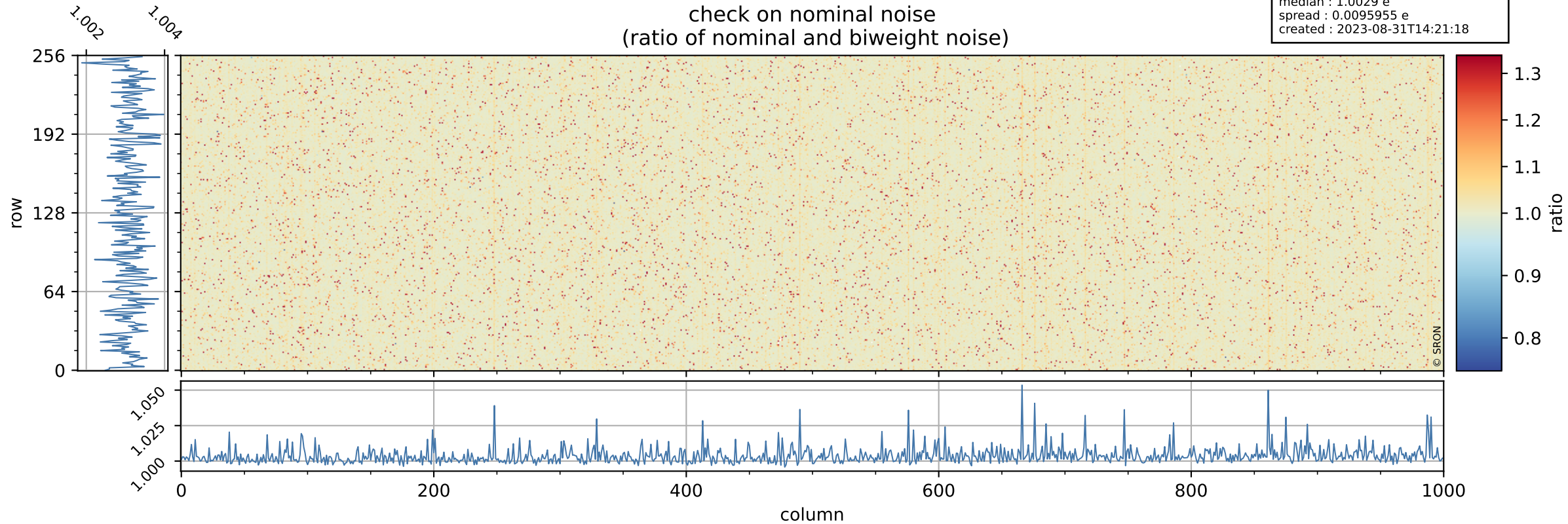
orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
median : 0.9996 e
spread : 0.0082103 e
created : 2023-08-31T14:21:18



Tropomi SWIR background noise (swir)

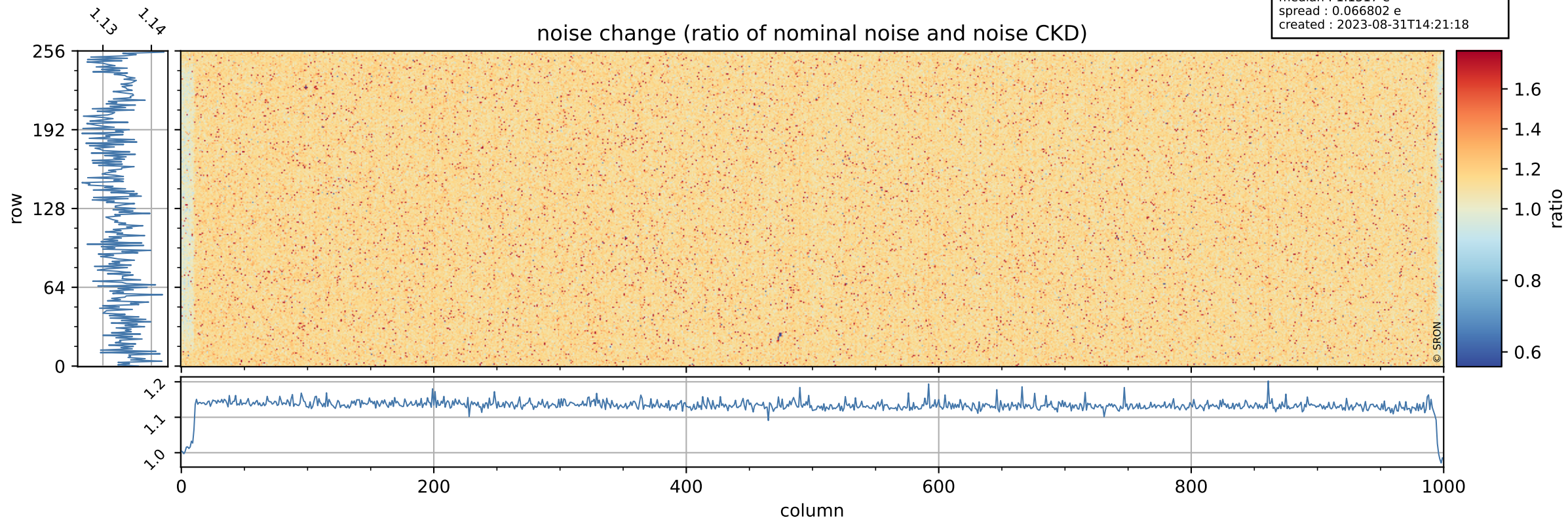
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
median : 1.0029 e
spread : 0.0095955 e
created : 2023-08-31T14:21:18



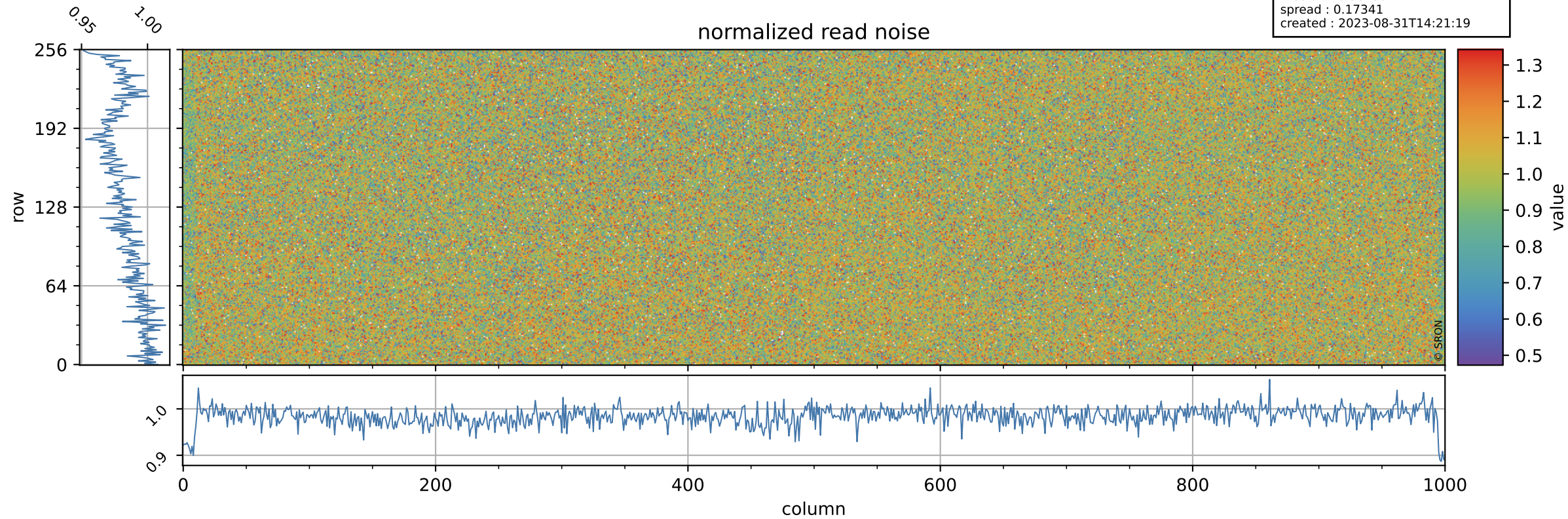
Tropomi SWIR background noise (swir)

orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
median : 1.1317 e
spread : 0.066802 e
created : 2023-08-31T14:21:18



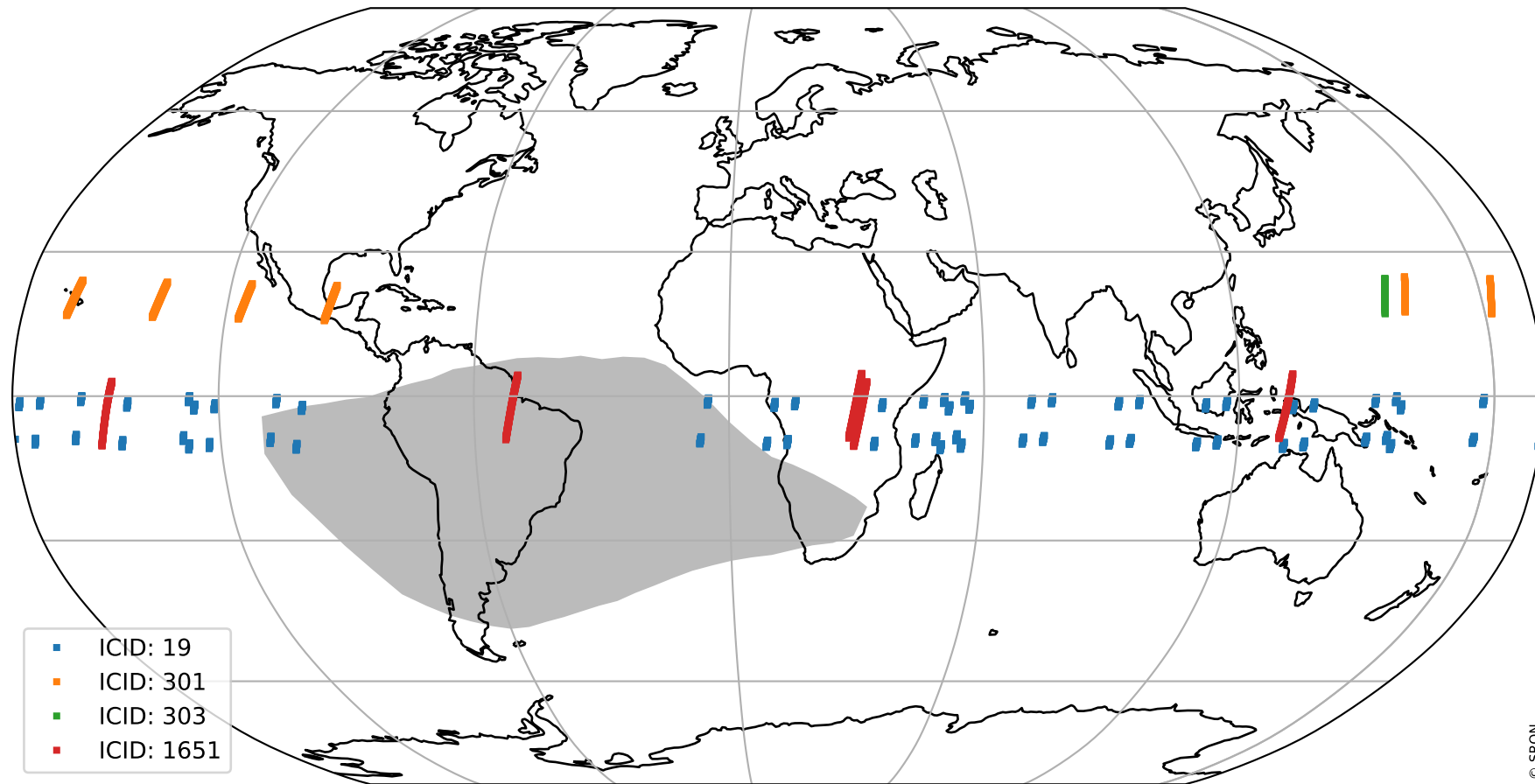
Tropomi SWIR background noise (swir)

orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
median : 0.98259
spread : 0.17341
created : 2023-08-31T14:21:19



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

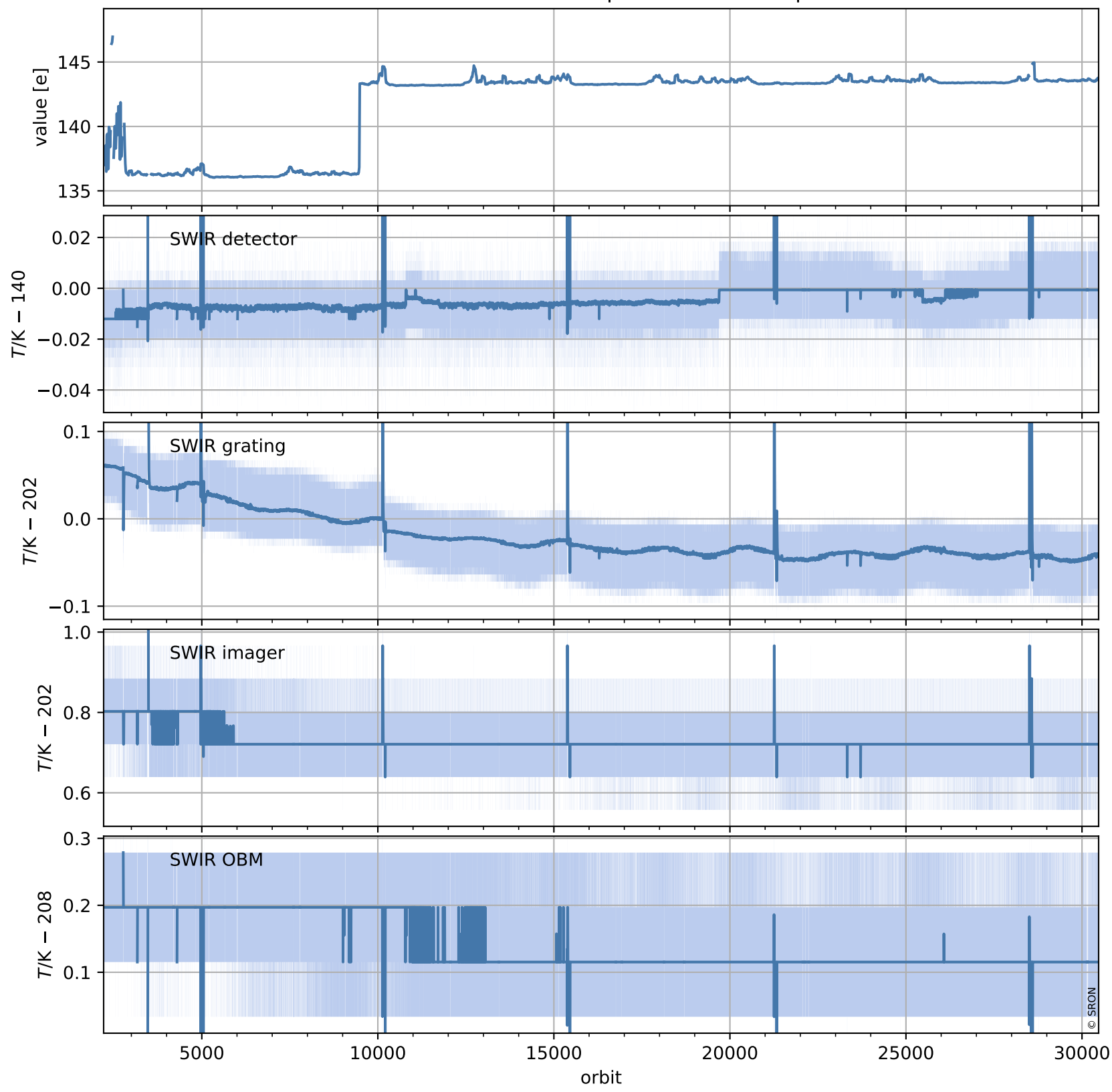
orbits : 12 in [30382, 30472]
coverage : 2023-08-25 / 2023-08-30
created : 2023-08-31T14:21:19



Tropomi SWIR background noise (swir)

orbits : [2212, 30472]
coverage : 2018-03-18 / 2023-08-30
created : 2023-08-31T14:21:20

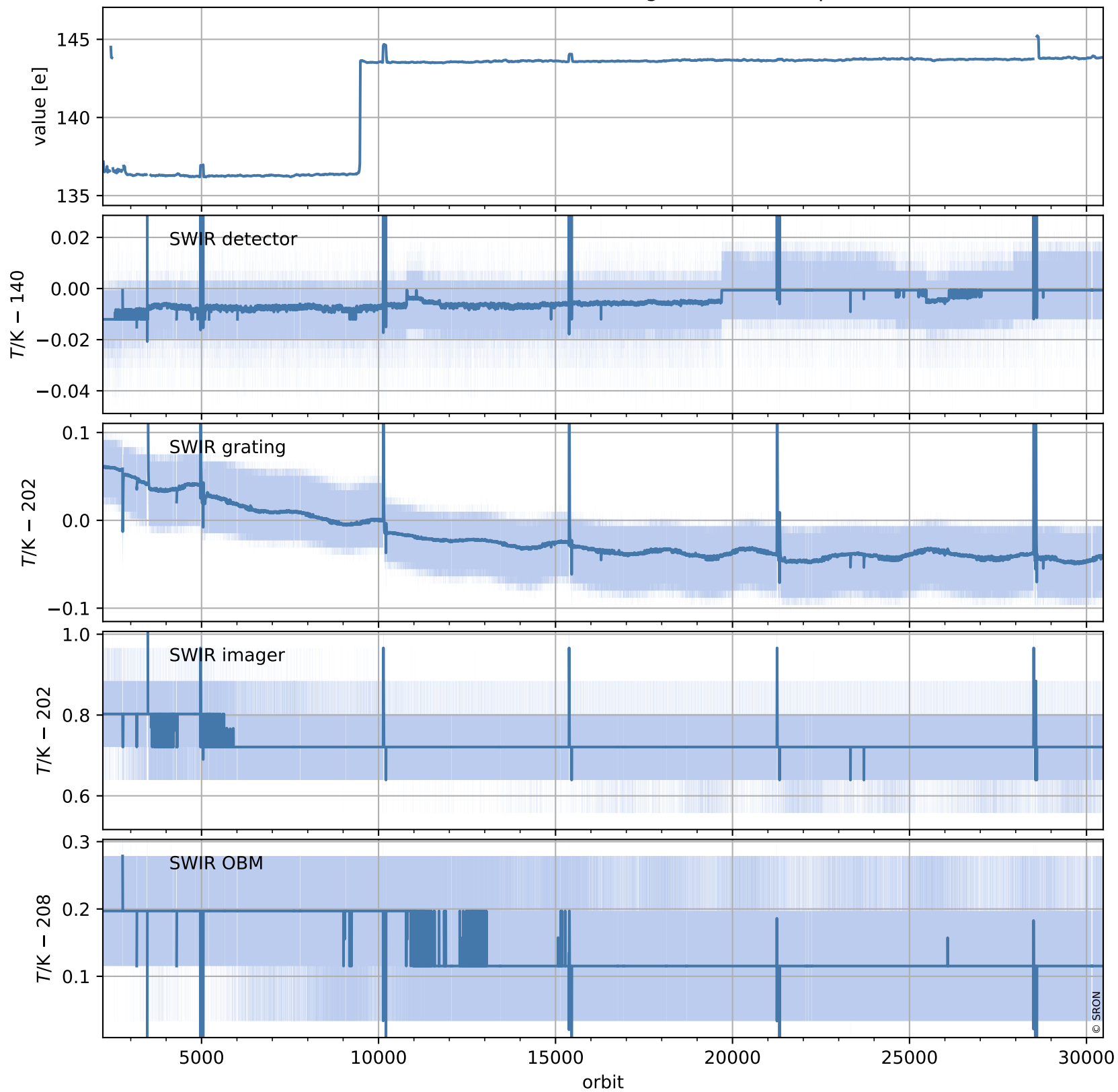
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30472]
coverage : 2018-03-18 / 2023-08-30
created : 2023-08-31T14:21:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30472]
coverage : 2018-03-18 / 2023-08-30
created : 2023-08-31T14:21:22

trend of normalized read-noise & temperatures

