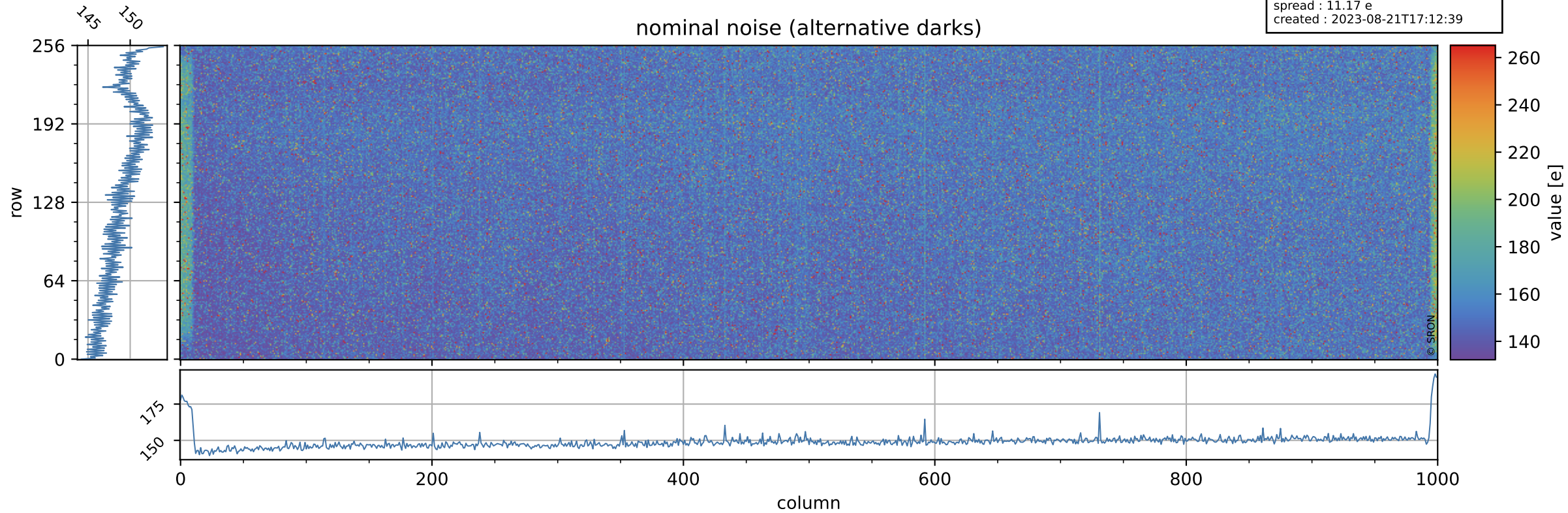


Tropomi SWIR background noise (swir)

orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.17 e
created : 2023-08-21T17:12:39

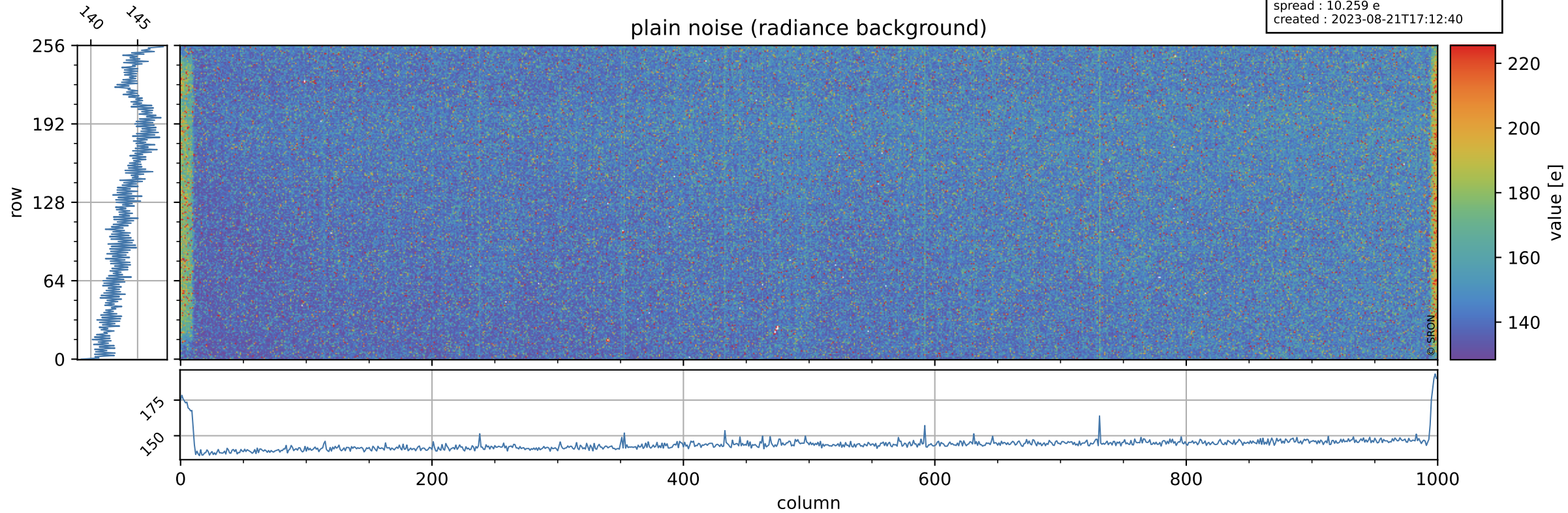
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 10.259 e
created : 2023-08-21T17:12:40

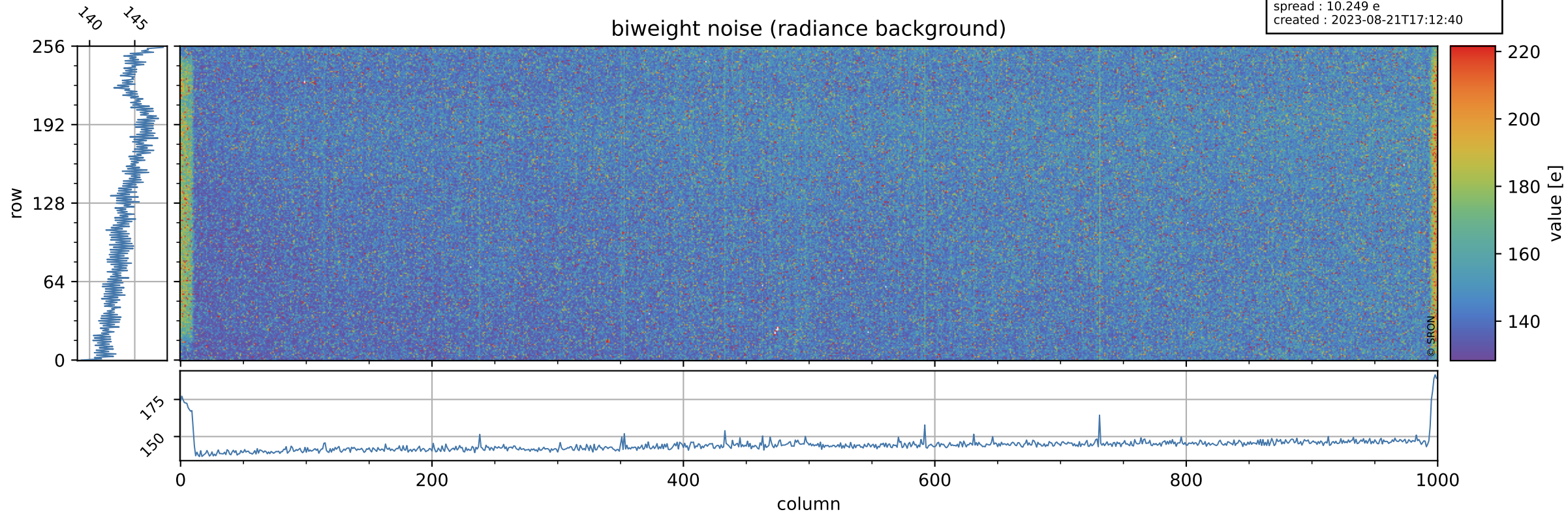
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
n_coad, t_exp : 1, 0.8383
median : 143.97 e
spread : 10.249 e
created : 2023-08-21T17:12:40

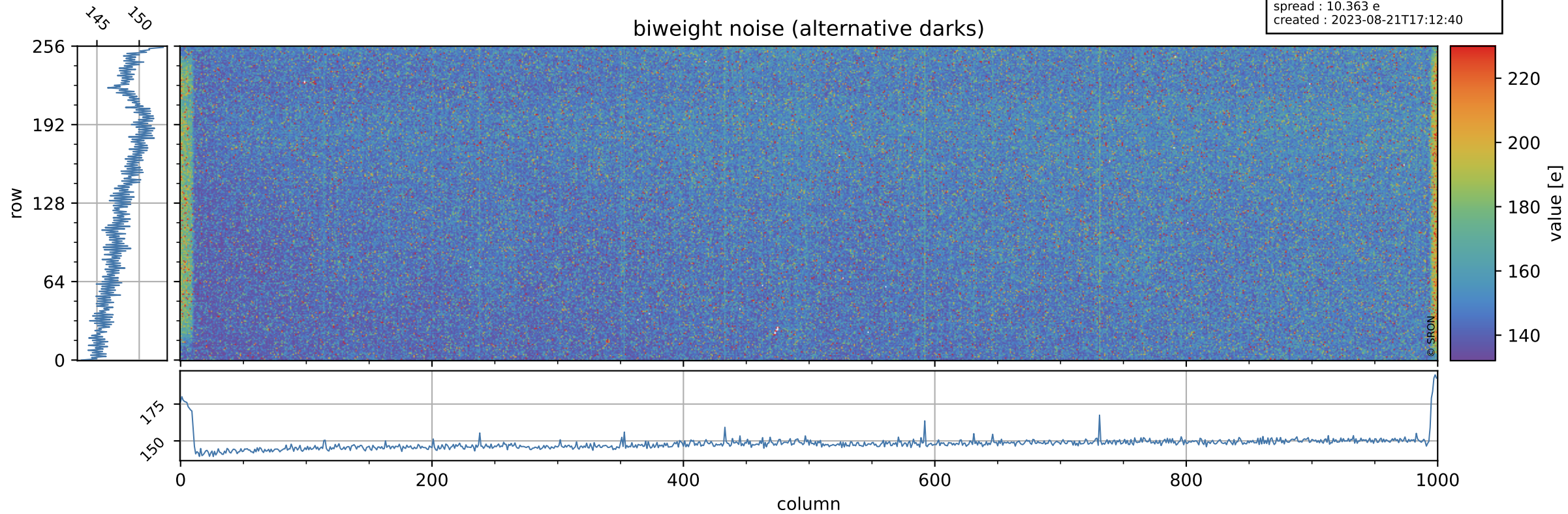
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
n_coad, t_exp : 1, 1.0783
median : 147.94 e
spread : 10.363 e
created : 2023-08-21T17:12:40

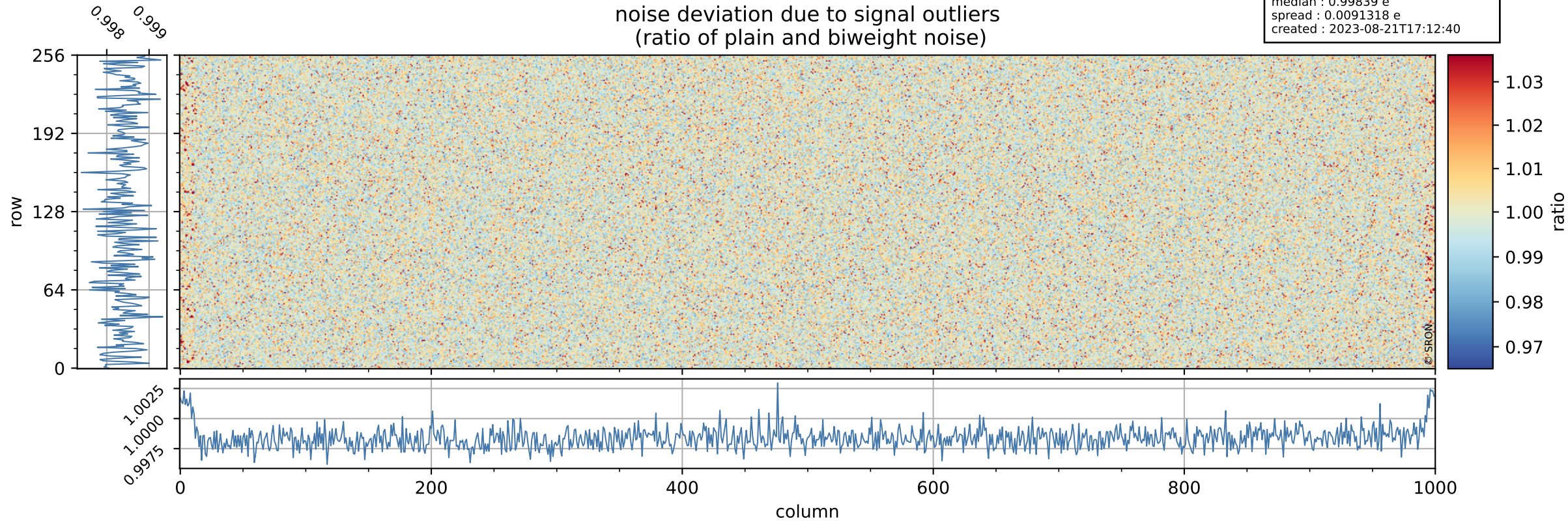
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

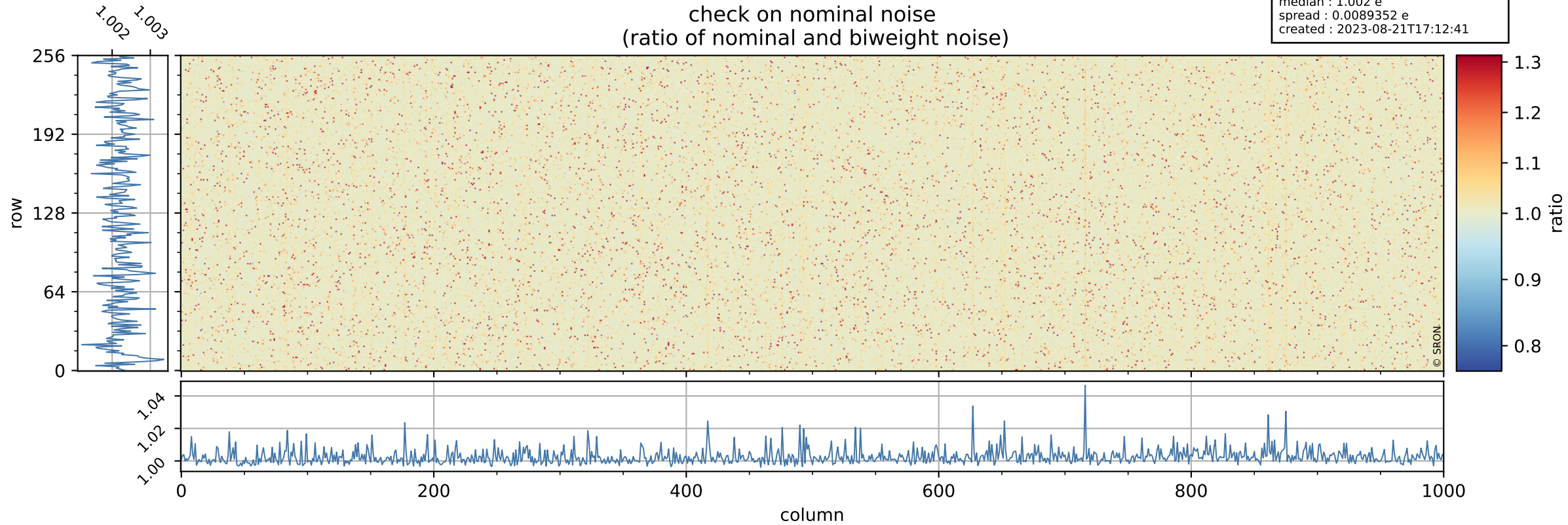
orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
median : 0.99839 e
spread : 0.0091318 e
created : 2023-08-21T17:12:40



Tropomi SWIR background noise (swir)

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

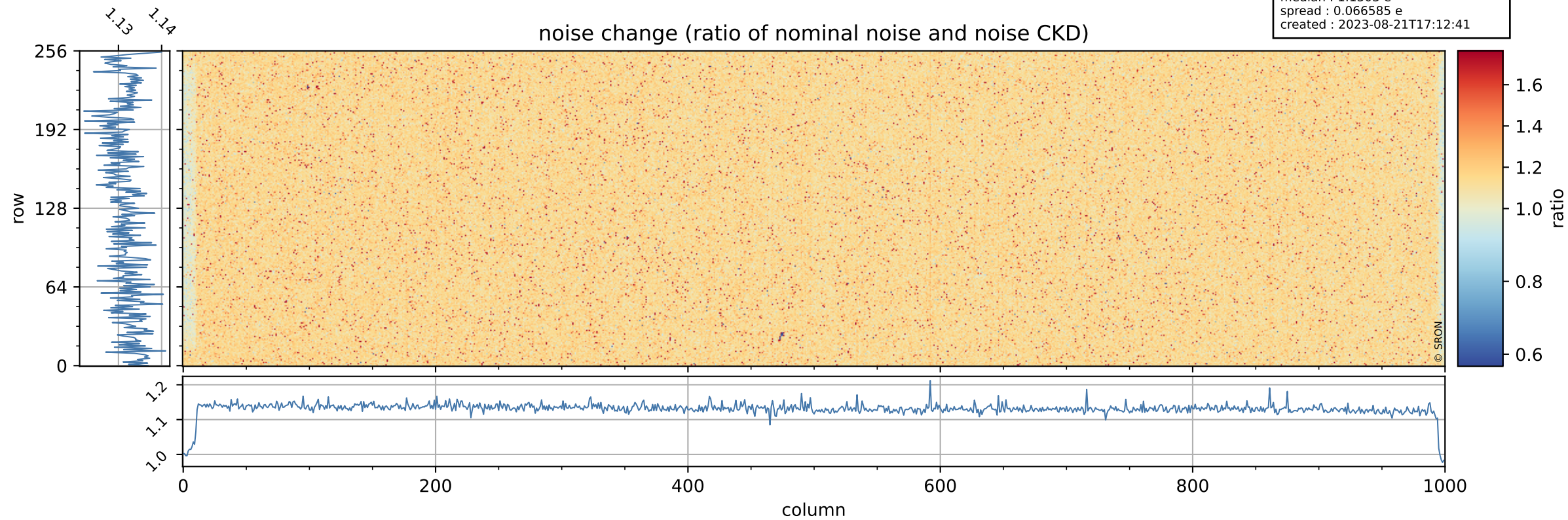
orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
median : 1.002 e
spread : 0.0089352 e
created : 2023-08-21T17:12:41



Tropomi SWIR background noise (swir)

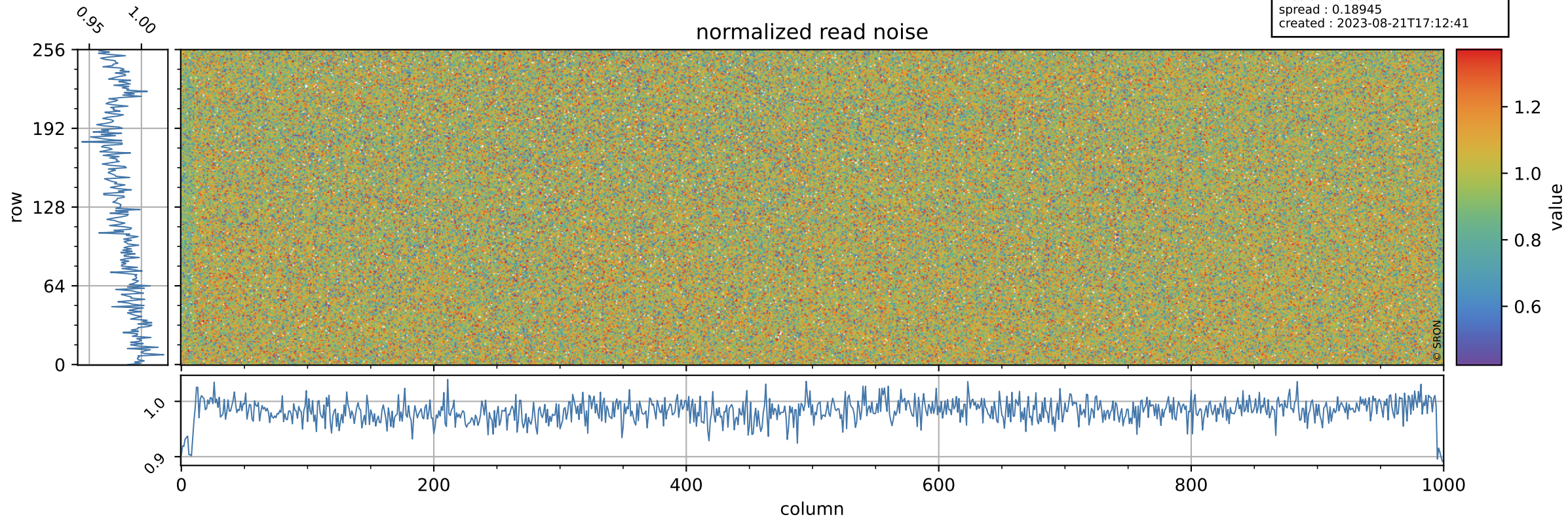
orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
median : 1.1303 e
spread : 0.066585 e
created : 2023-08-21T17:12:41

noise change (ratio of nominal noise and noise CKD)



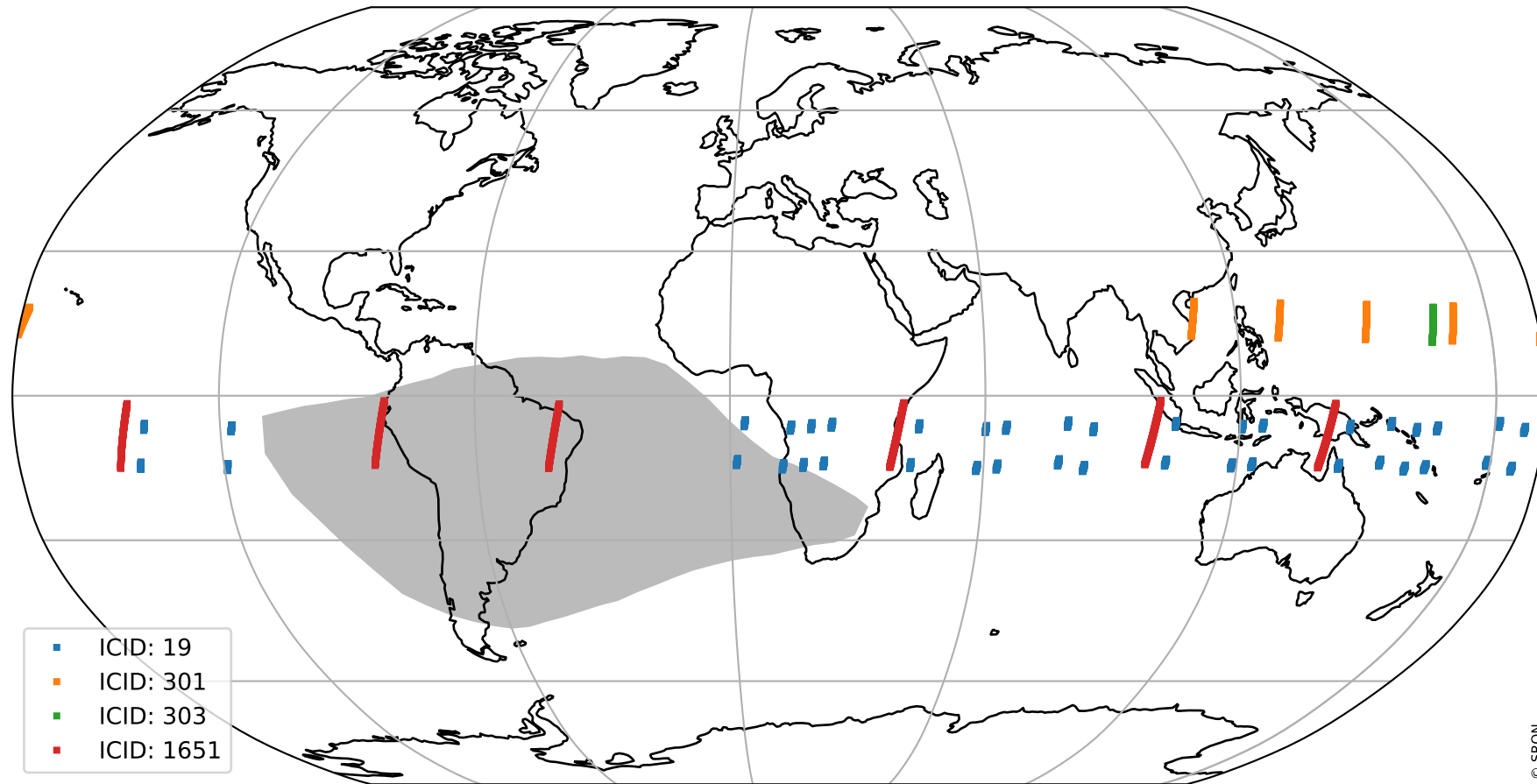
Tropomi SWIR background noise (swir)

orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
median : 0.98055
spread : 0.18945
created : 2023-08-21T17:12:41



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

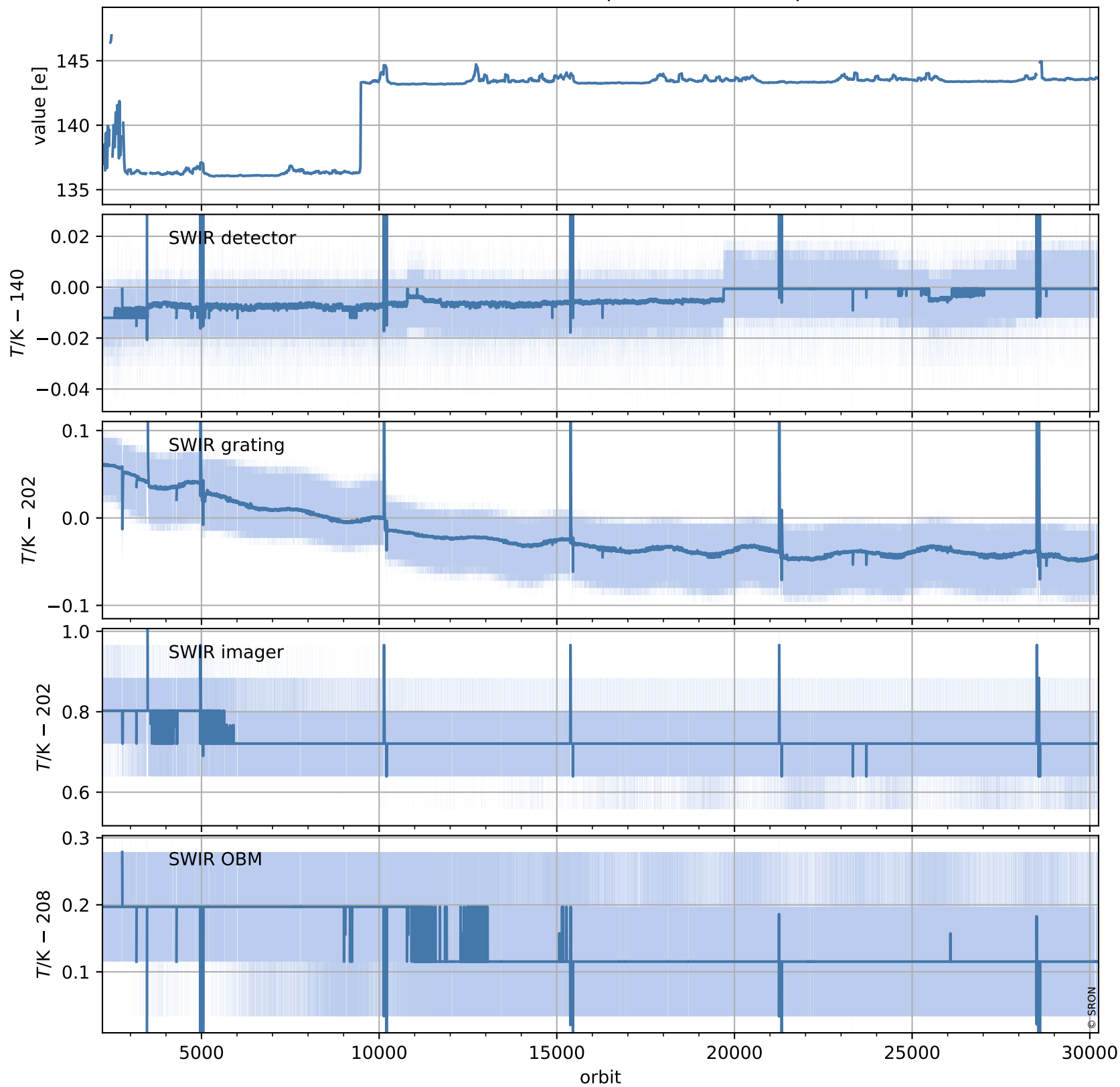
orbits : 12 in [30187, 30247]
coverage : 2023-08-10 / 2023-08-14
created : 2023-08-21T17:12:42



Tropomi SWIR background noise (swir)

orbits : [2212, 30247]
coverage : 2018-03-18 / 2023-08-14
created : 2023-08-21T17:12:42

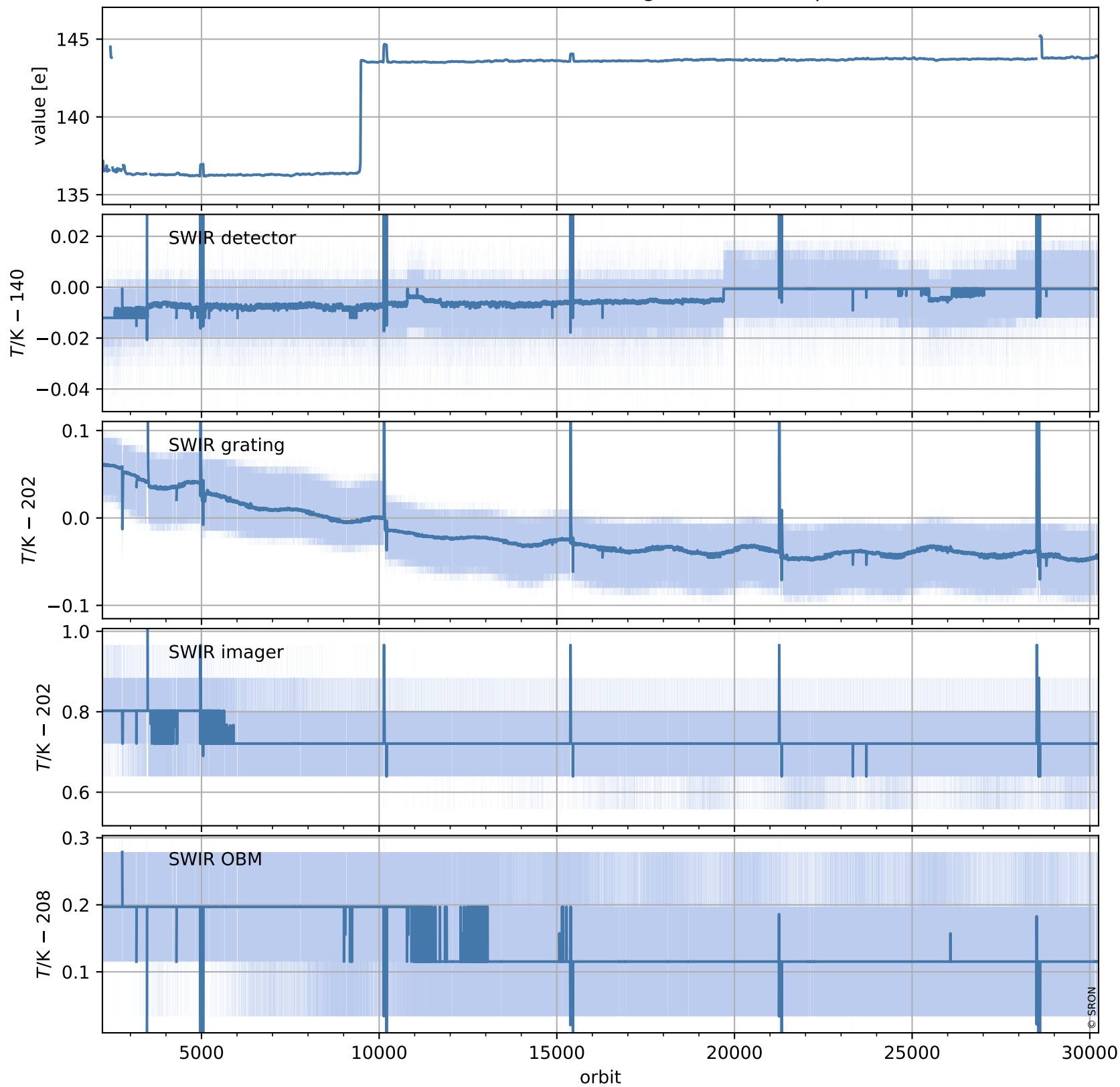
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30247]
coverage : 2018-03-18 / 2023-08-14
created : 2023-08-21T17:12:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30247]
coverage : 2018-03-18 / 2023-08-14
created : 2023-08-21T17:12:44

trend of normalized read-noise & temperatures

