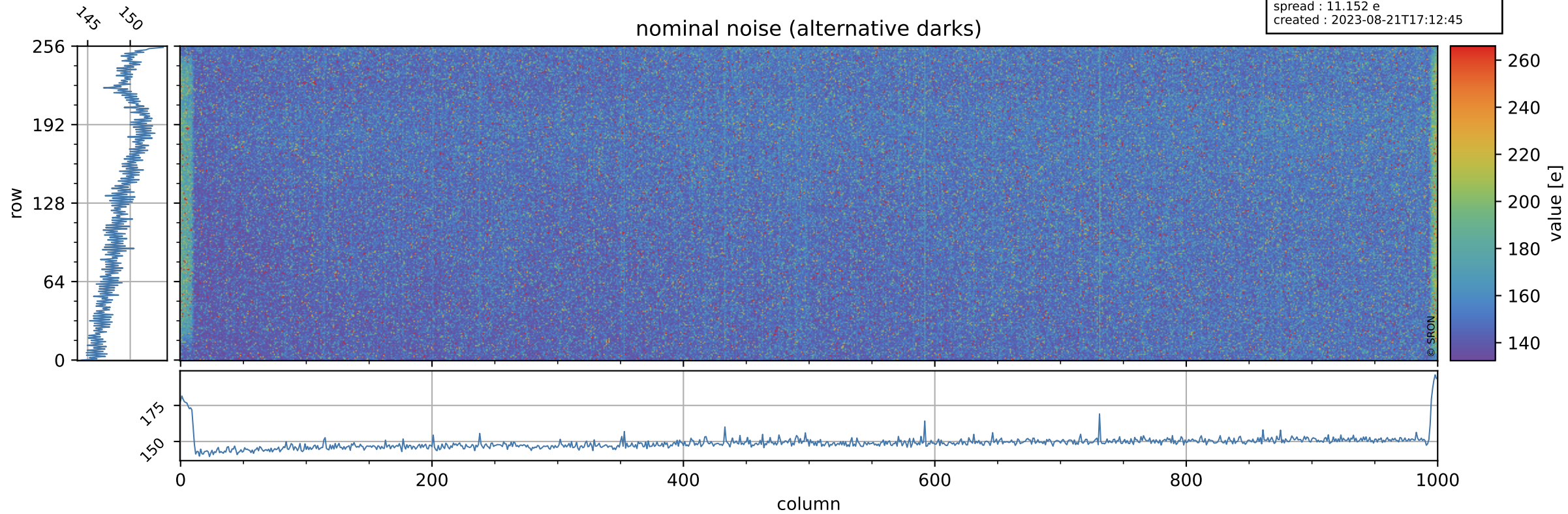


Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 11.152 e
created : 2023-08-21T17:12:45

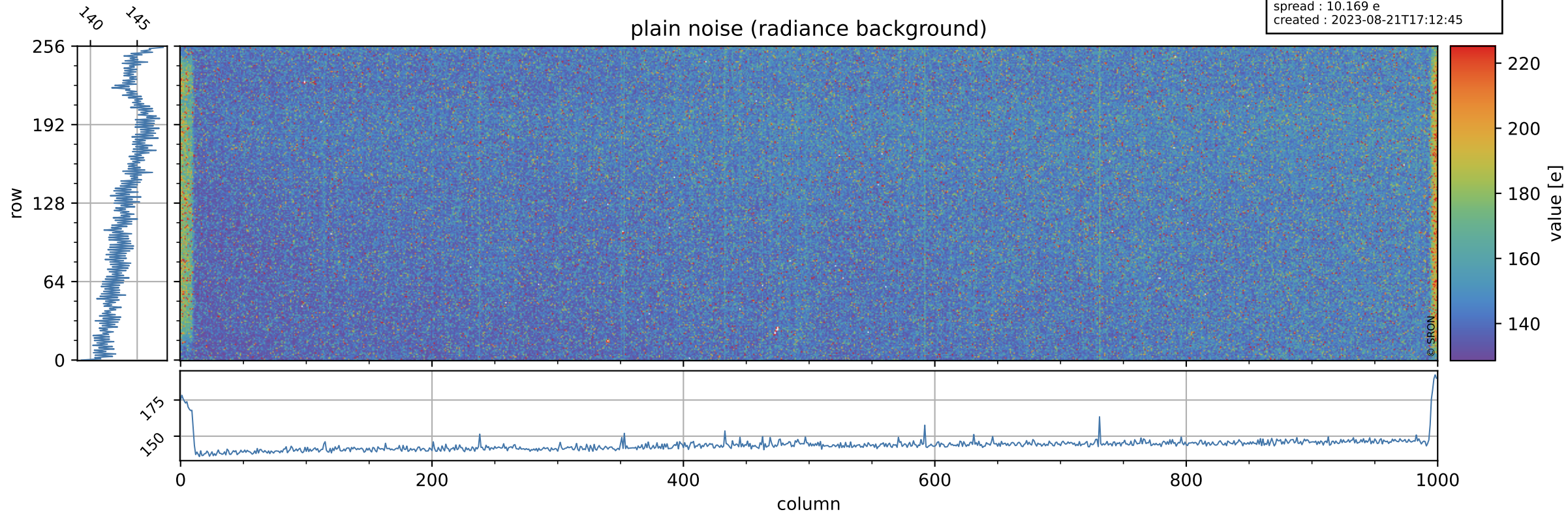
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 10.169 e
created : 2023-08-21T17:12:45

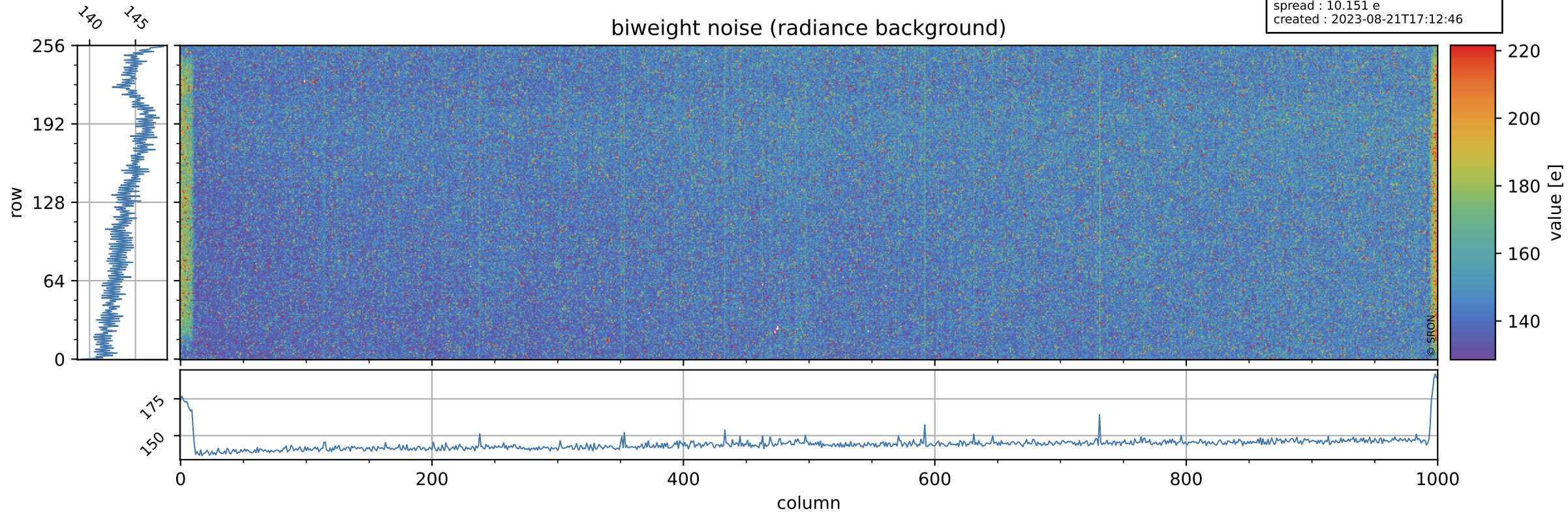
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 10.151 e
created : 2023-08-21T17:12:46

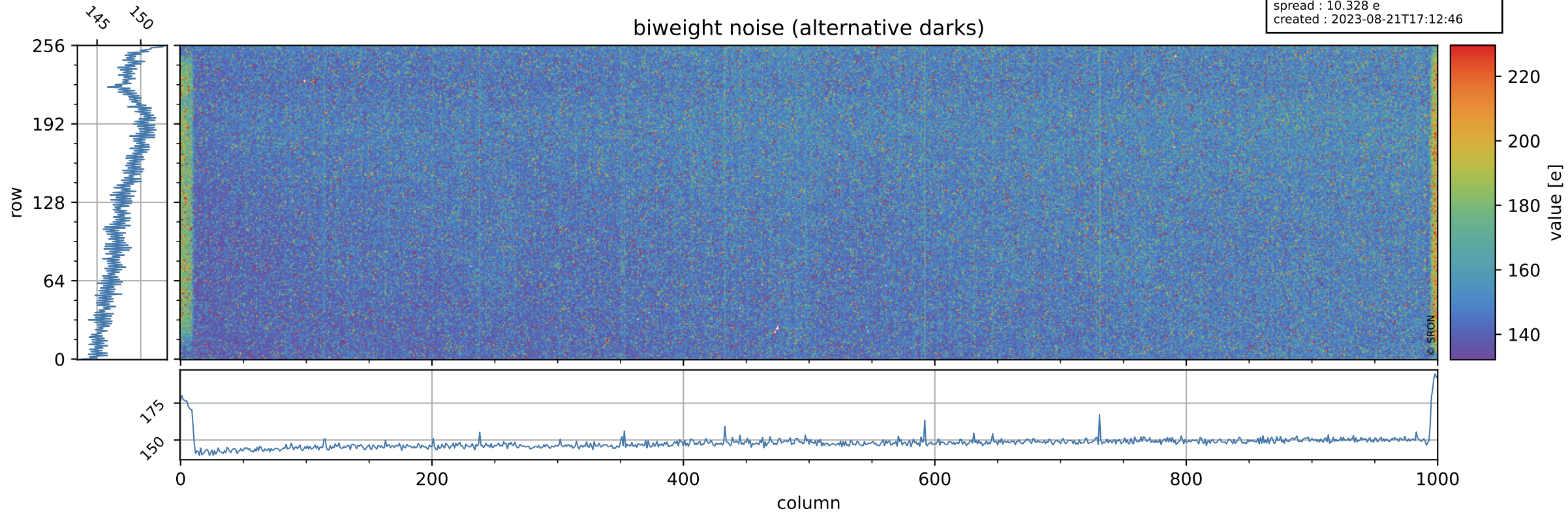
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
n_coad, t_exp : 1, 1.0783
median : 147.92 e
spread : 10.328 e
created : 2023-08-21T17:12:46

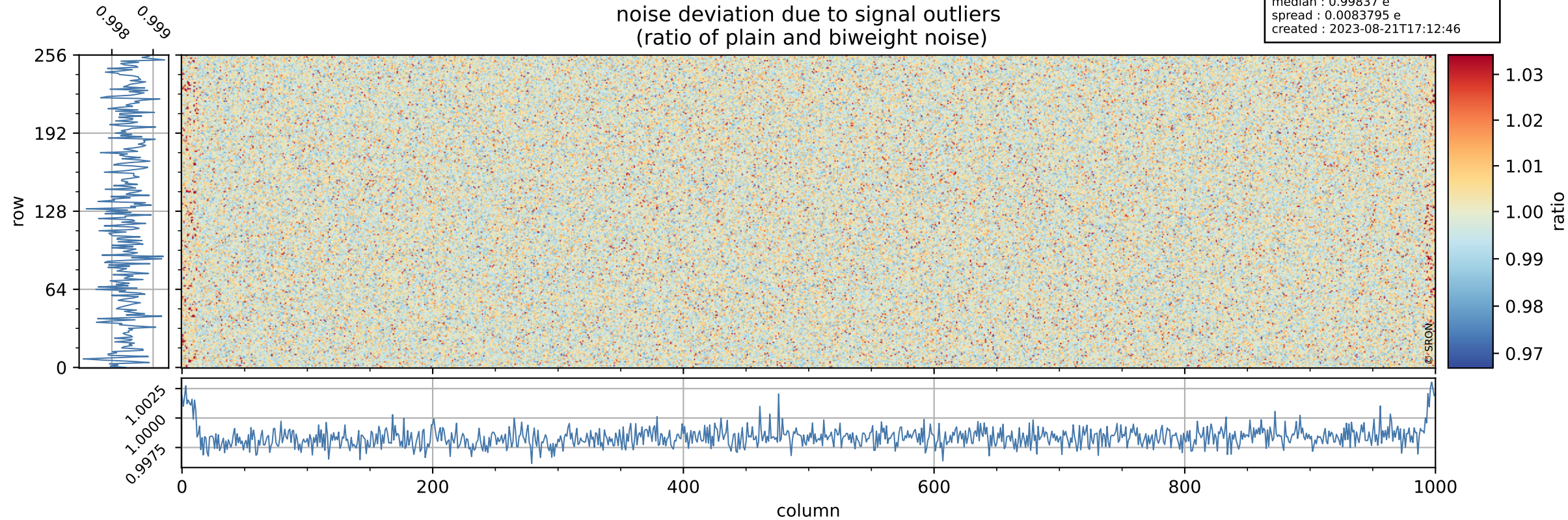
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

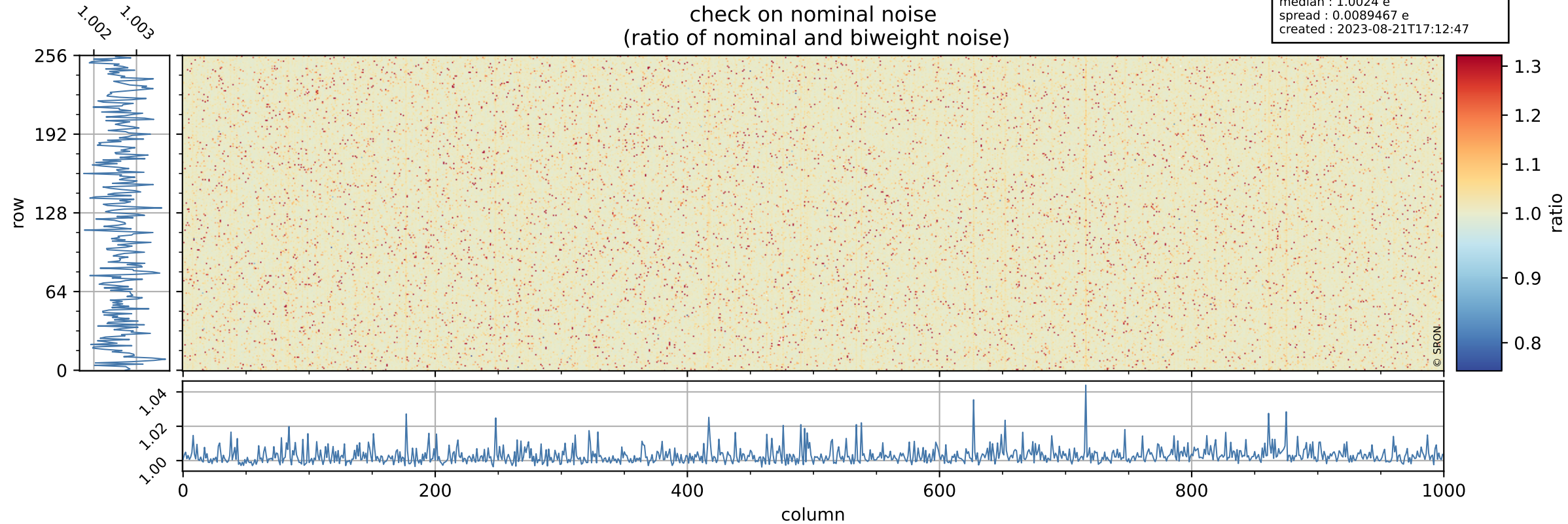
orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
median : 0.99837 e
spread : 0.0083795 e
created : 2023-08-21T17:12:46



Tropomi SWIR background noise (swir)

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

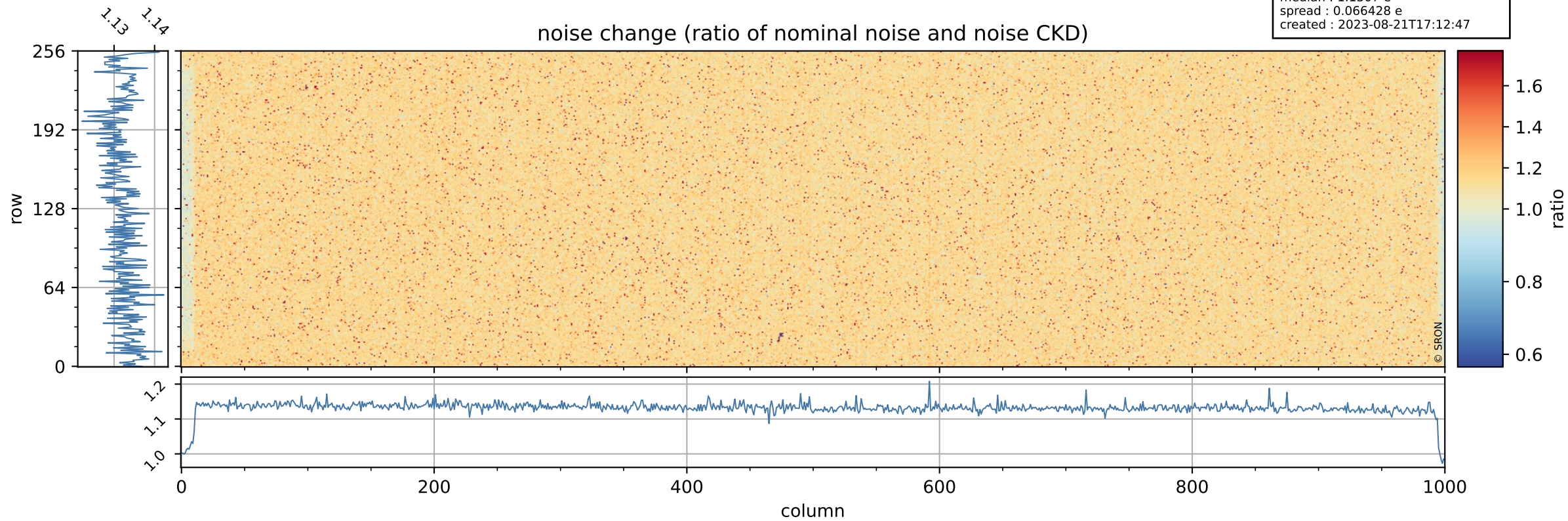
orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
median : 1.0024 e
spread : 0.0089467 e
created : 2023-08-21T17:12:47



Tropomi SWIR background noise (swir)

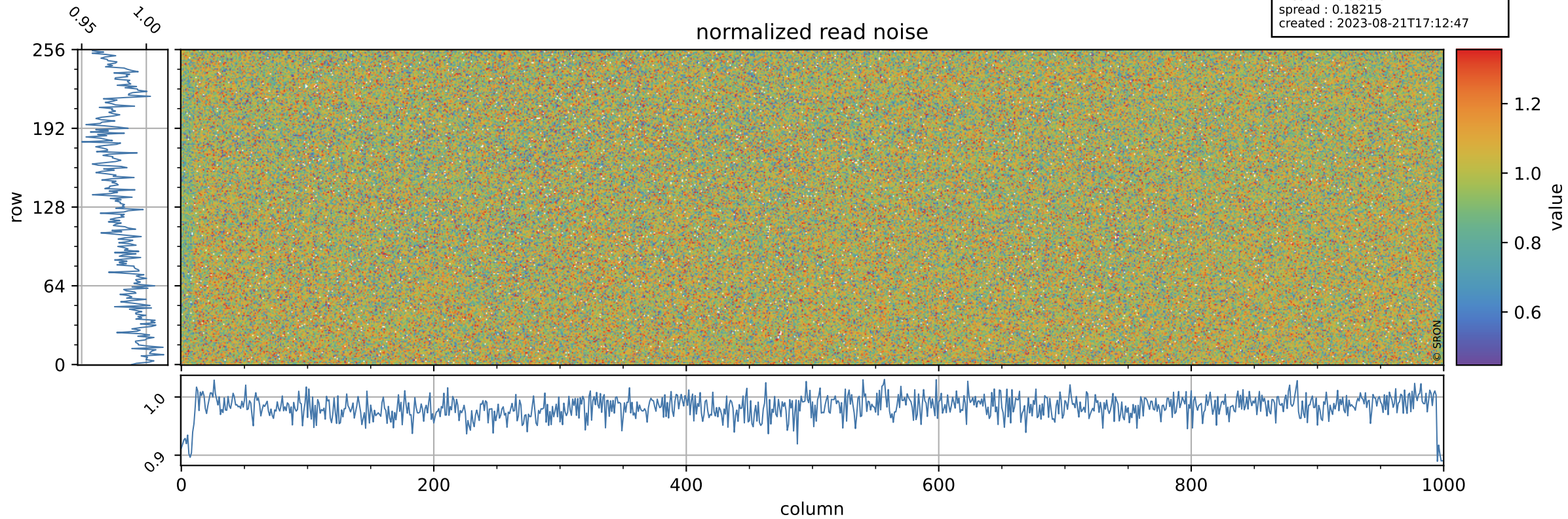
orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
median : 1.1307 e
spread : 0.066428 e
created : 2023-08-21T17:12:47

noise change (ratio of nominal noise and noise CKD)



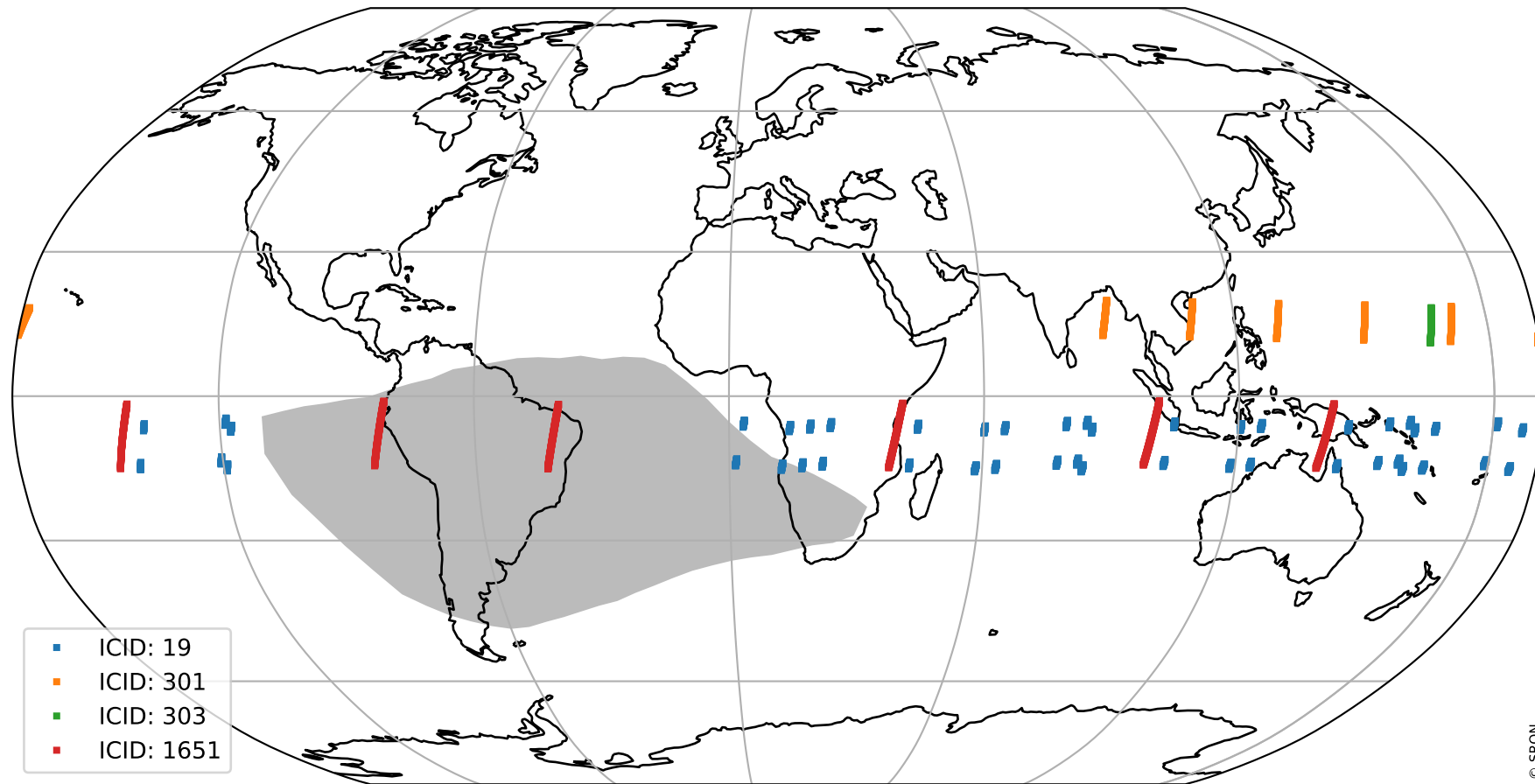
Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
median : 0.98055
spread : 0.18215
created : 2023-08-21T17:12:47



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

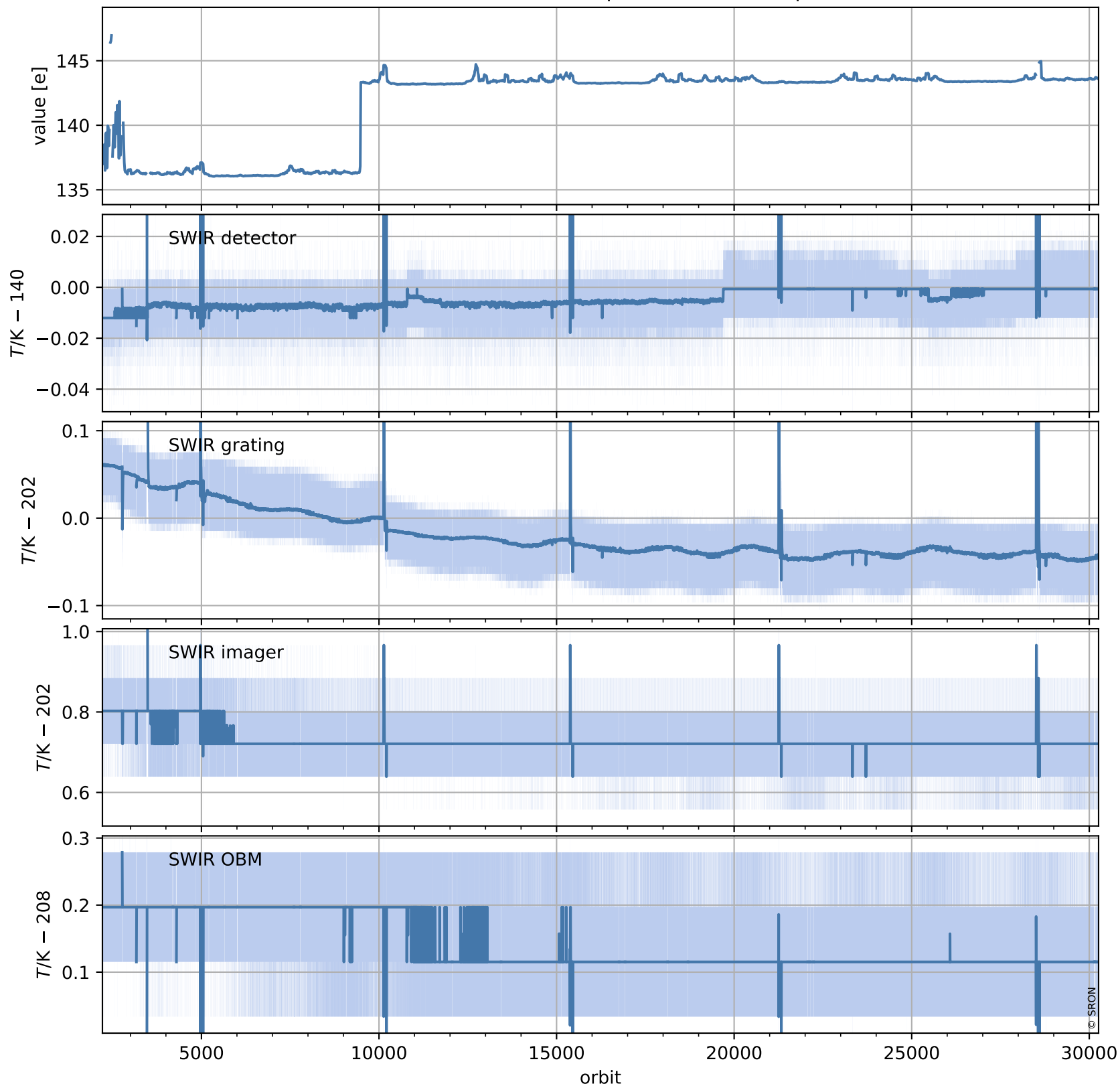
orbits : 13 in [30187, 30262]
coverage : 2023-08-10 / 2023-08-15
created : 2023-08-21T17:12:48



Tropomi SWIR background noise (swir)

orbits : [2212, 30262]
coverage : 2018-03-18 / 2023-08-15
created : 2023-08-21T17:12:48

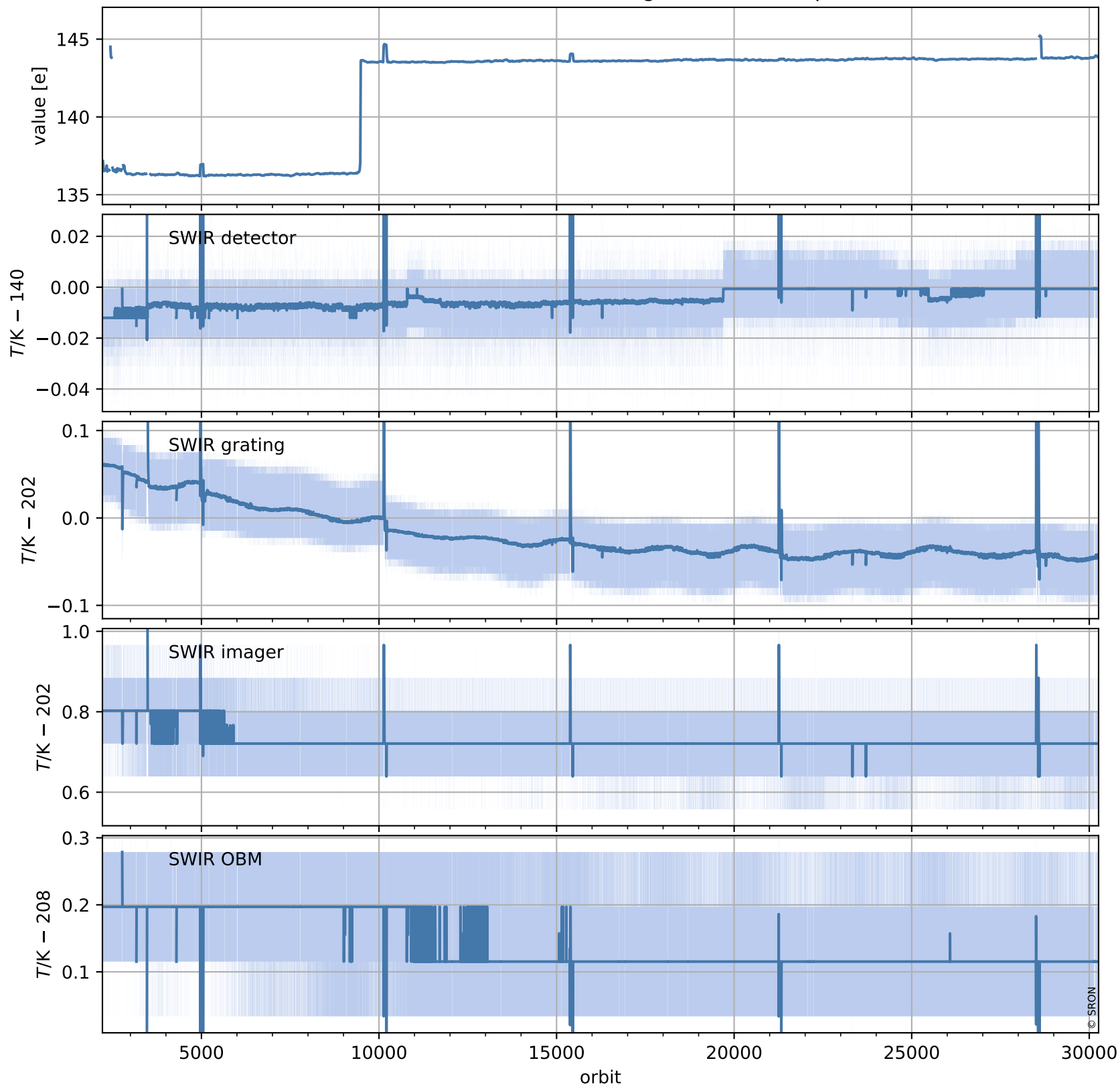
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30262]
coverage : 2018-03-18 / 2023-08-15
created : 2023-08-21T17:12:49

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30262]
coverage : 2018-03-18 / 2023-08-15
created : 2023-08-21T17:12:50

trend of normalized read-noise & temperatures

