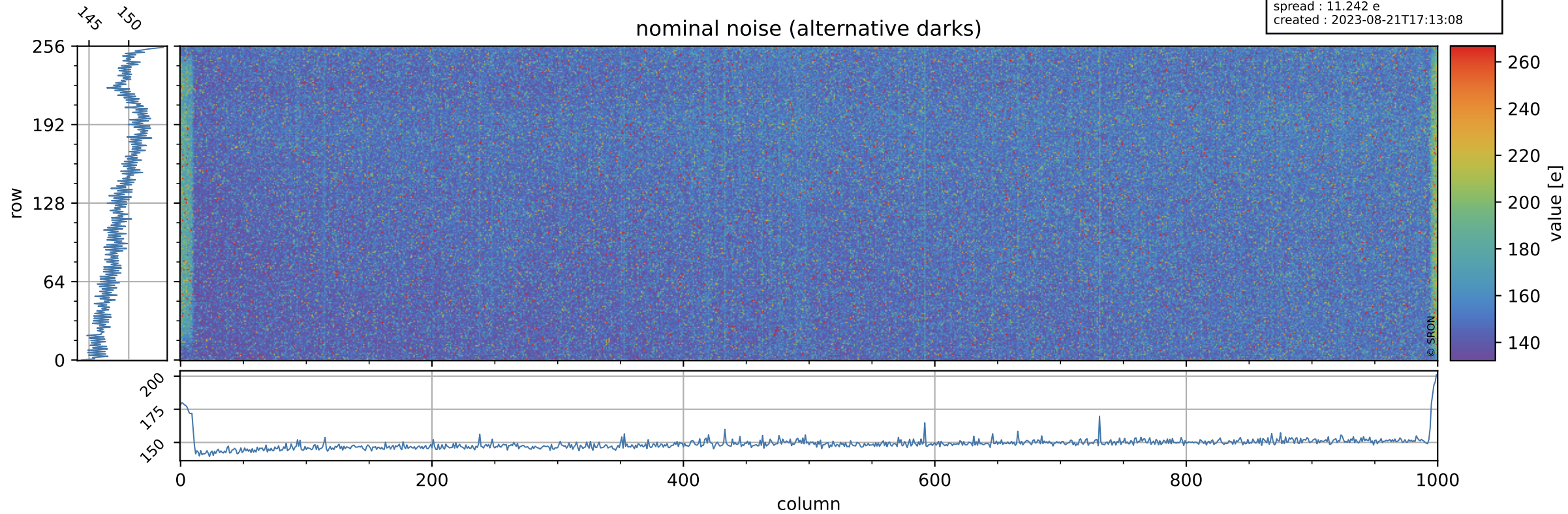


Tropomi SWIR background noise (swir)

orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
n_coad, t_exp : 1, 1.0783
median : 148.9 e
spread : 11.242 e
created : 2023-08-21T17:13:08

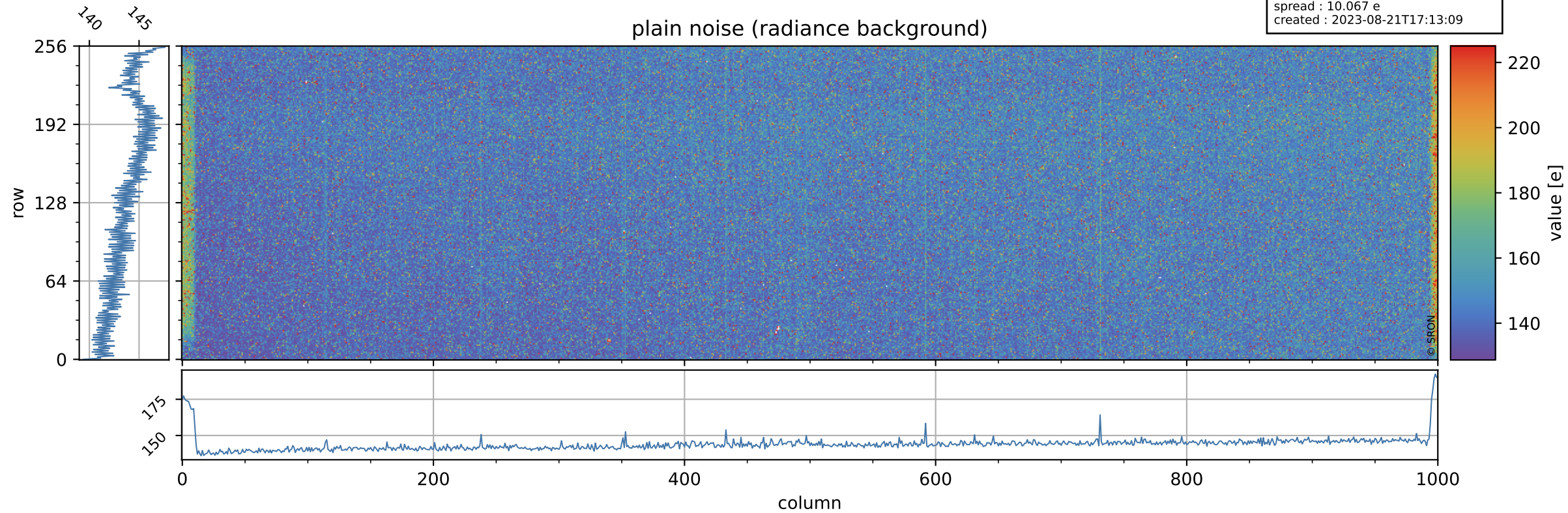
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 10.067 e
created : 2023-08-21T17:13:09

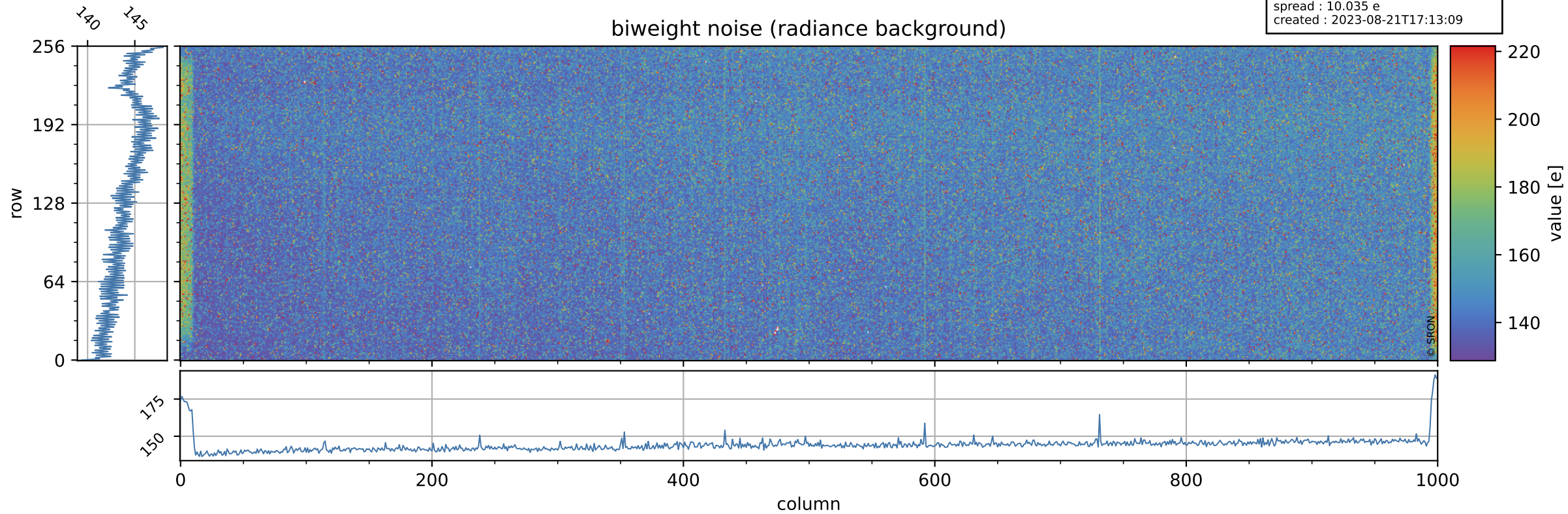
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
n_coad, t_exp : 1, 0.8383
median : 143.93 e
spread : 10.035 e
created : 2023-08-21T17:13:09

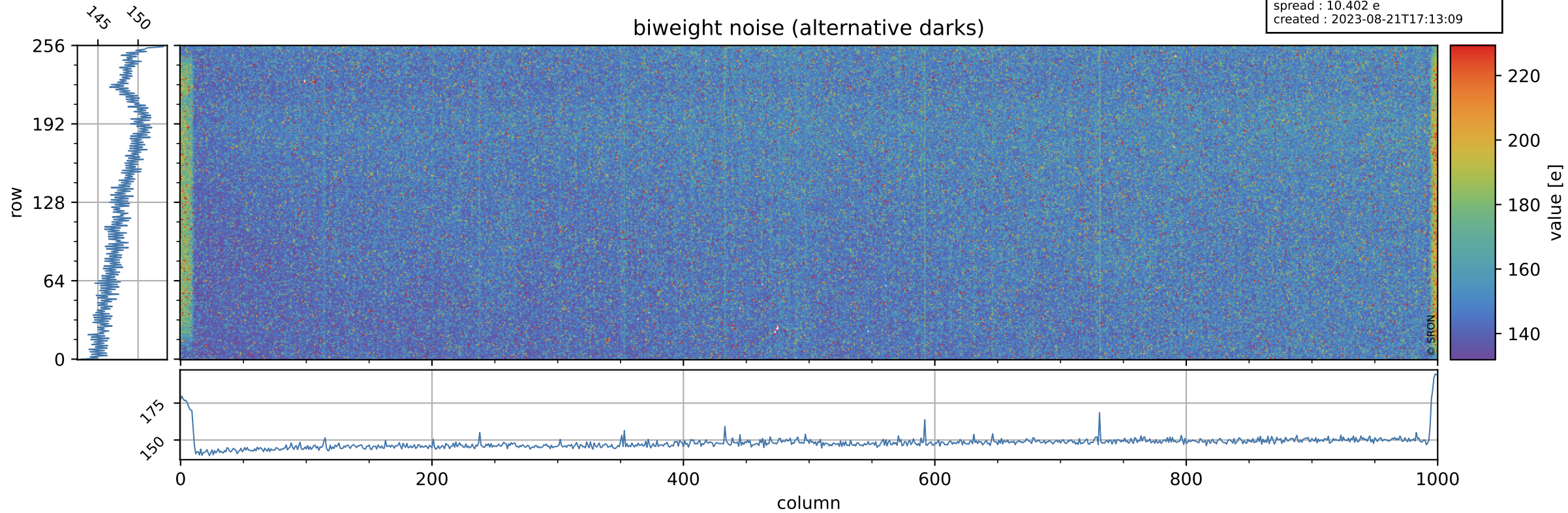
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
n_coad, t_exp : 1, 1.0783
median : 147.88 e
spread : 10.402 e
created : 2023-08-21T17:13:09

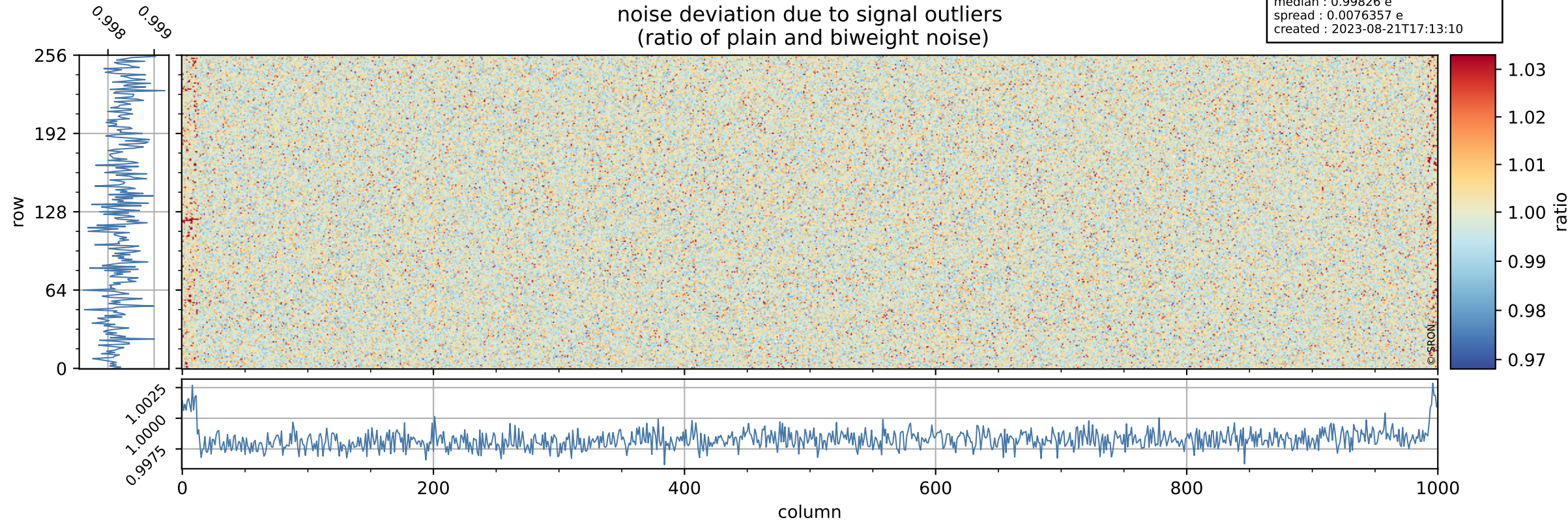
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

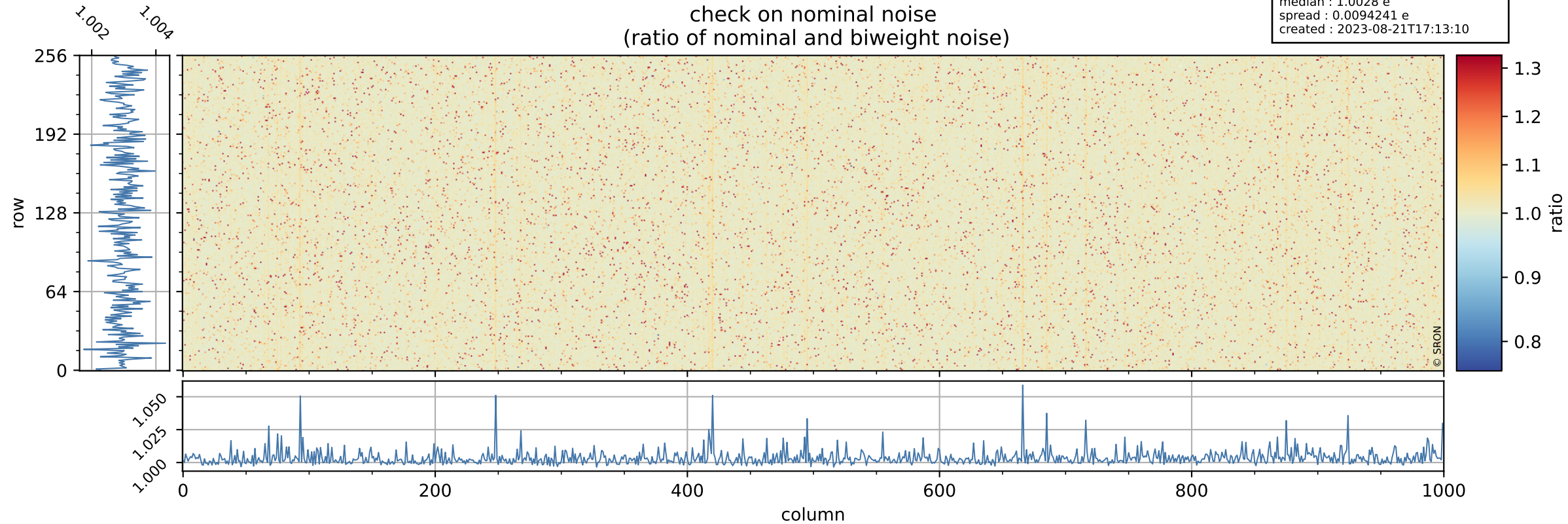
orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
median : 0.99826 e
spread : 0.0076357 e
created : 2023-08-21T17:13:10



Tropomi SWIR background noise (swir)

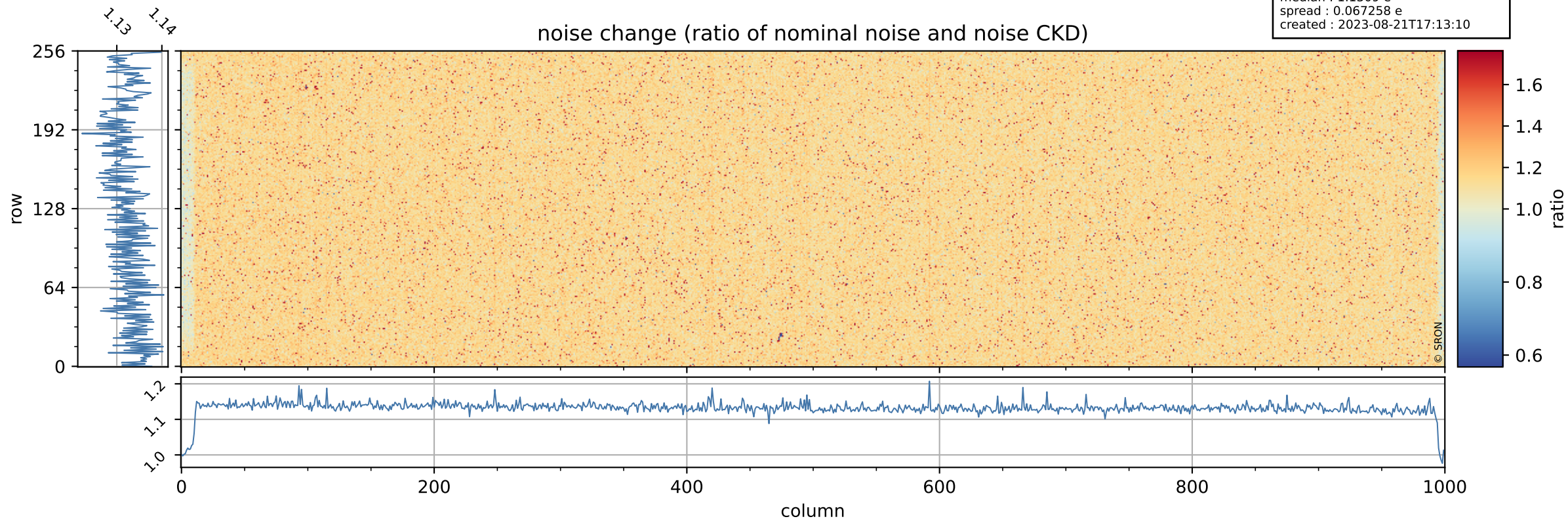
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
median : 1.0028 e
spread : 0.0094241 e
created : 2023-08-21T17:13:10



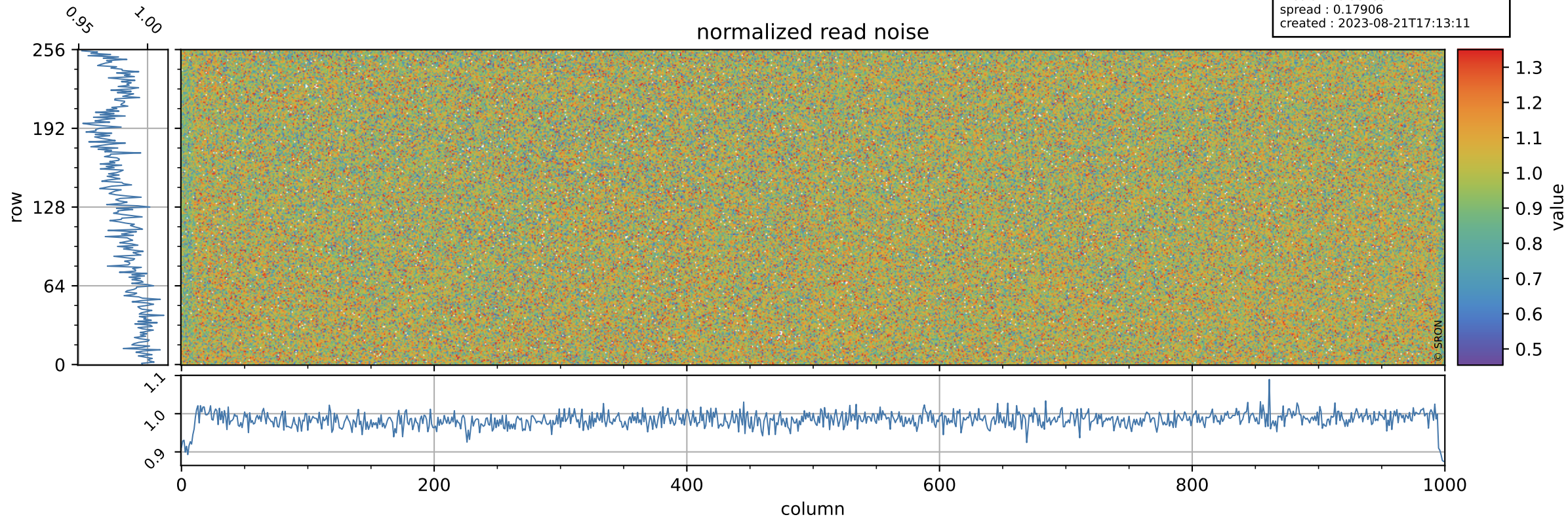
Tropomi SWIR background noise (swir)

orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
median : 1.1309 e
spread : 0.067258 e
created : 2023-08-21T17:13:10



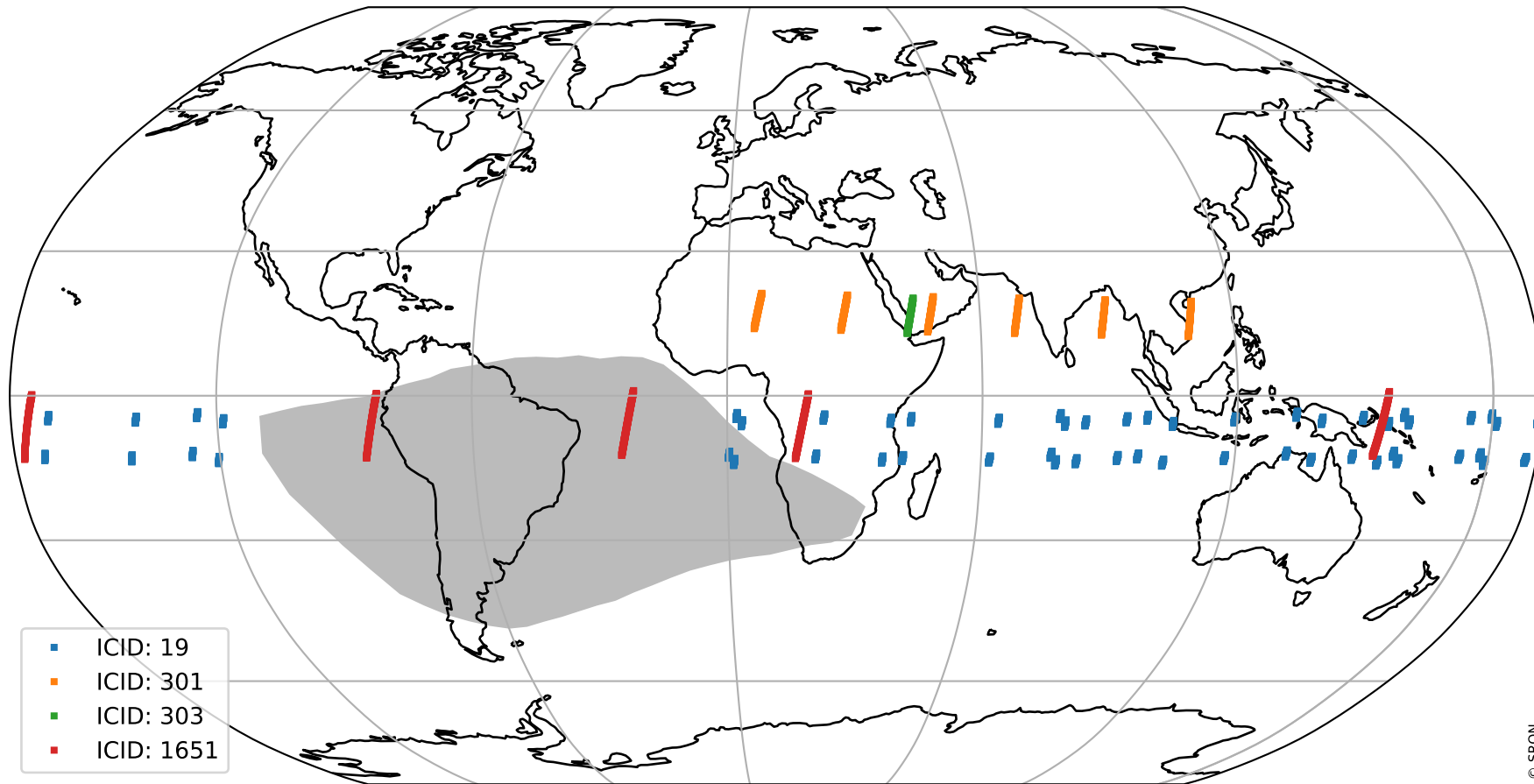
Tropomi SWIR background noise (swir)

orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
median : 0.98198
spread : 0.17906
created : 2023-08-21T17:13:11



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

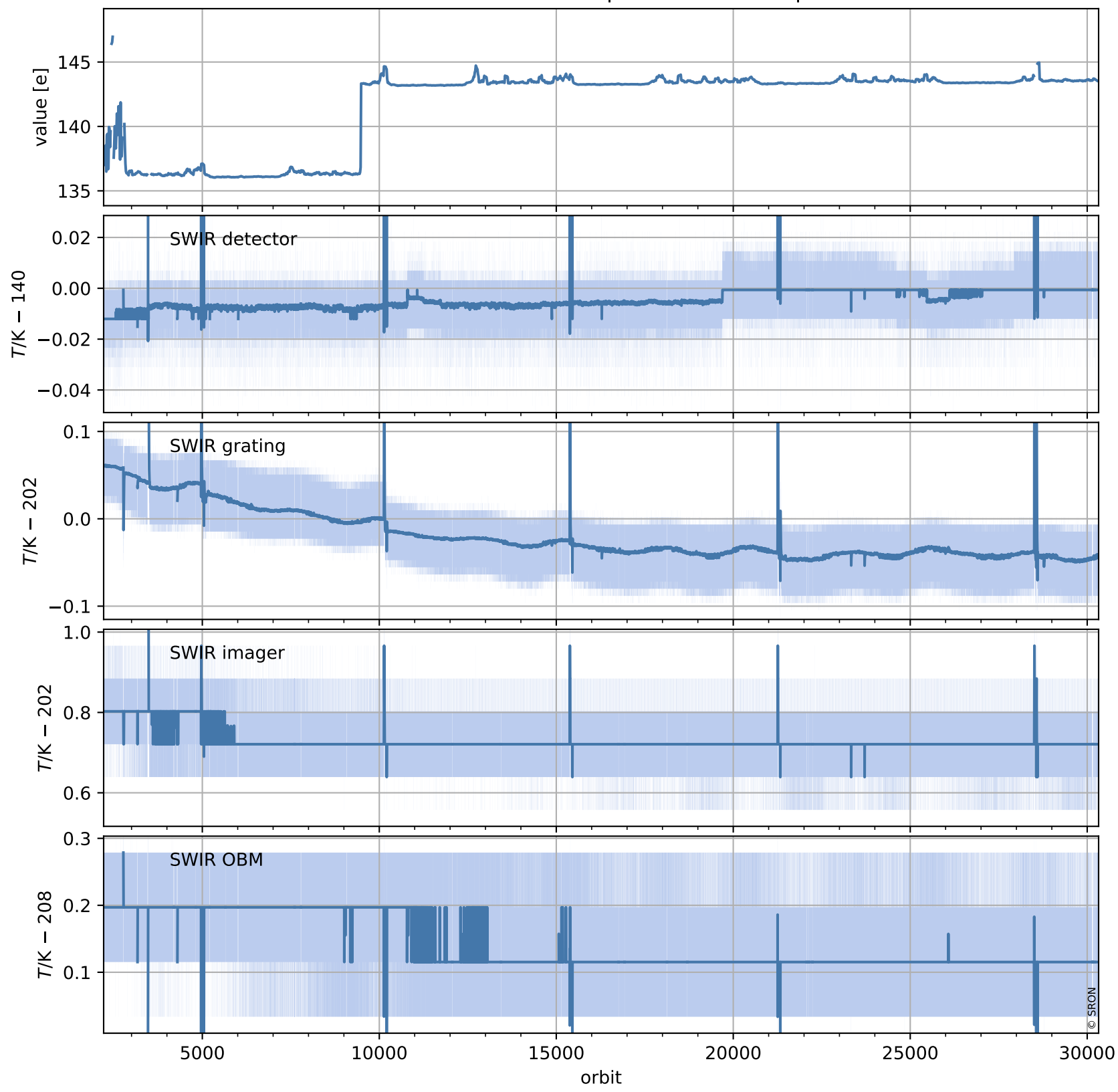
orbits : 12 in [30232, 30322]
coverage : 2023-08-14 / 2023-08-20
created : 2023-08-21T17:13:11



Tropomi SWIR background noise (swir)

orbits : [2212, 30322]
coverage : 2018-03-18 / 2023-08-20
created : 2023-08-21T17:13:11

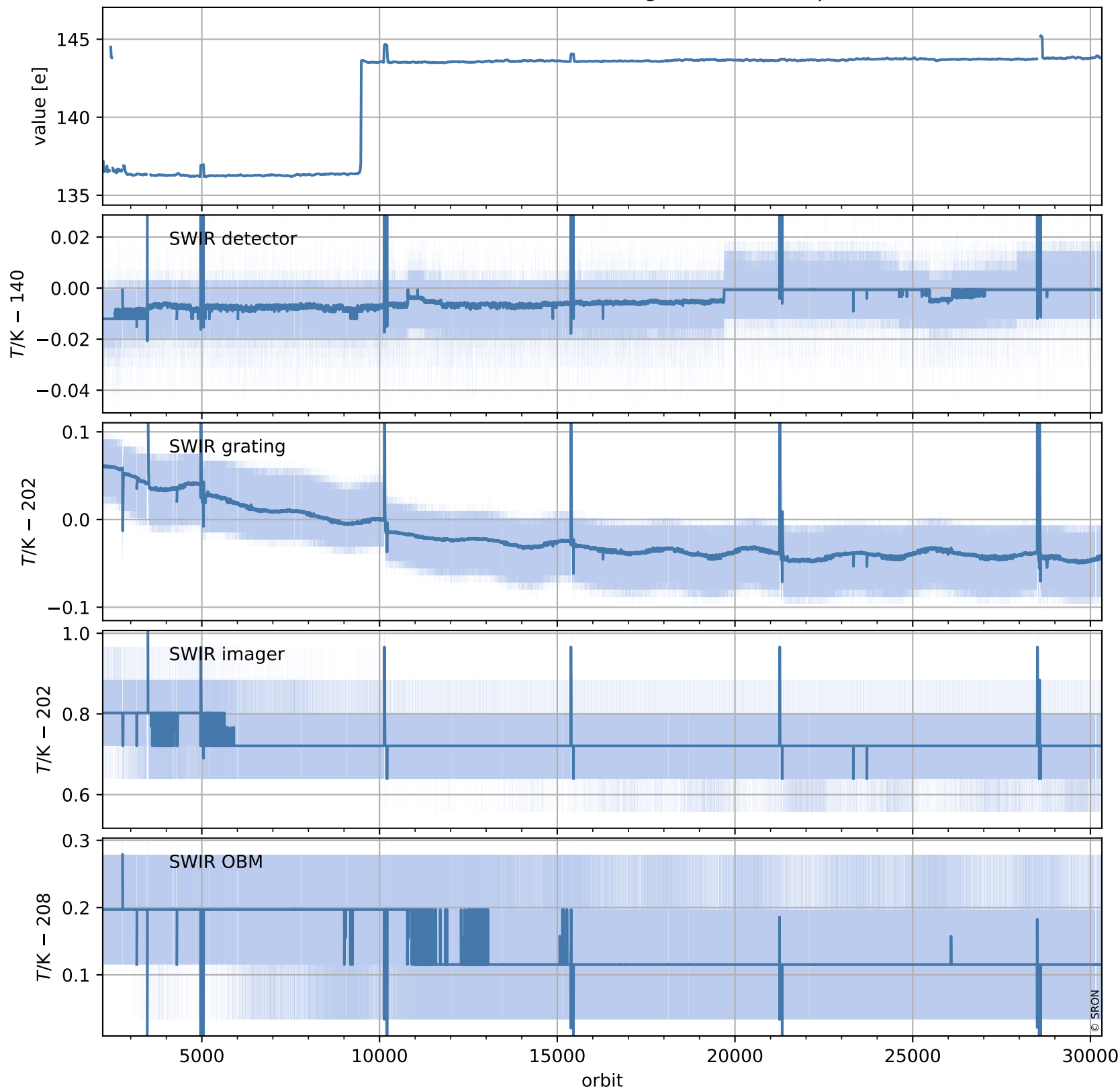
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30322]
coverage : 2018-03-18 / 2023-08-20
created : 2023-08-21T17:13:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30322]
coverage : 2018-03-18 / 2023-08-20
created : 2023-08-21T17:13:13

trend of normalized read-noise & temperatures

