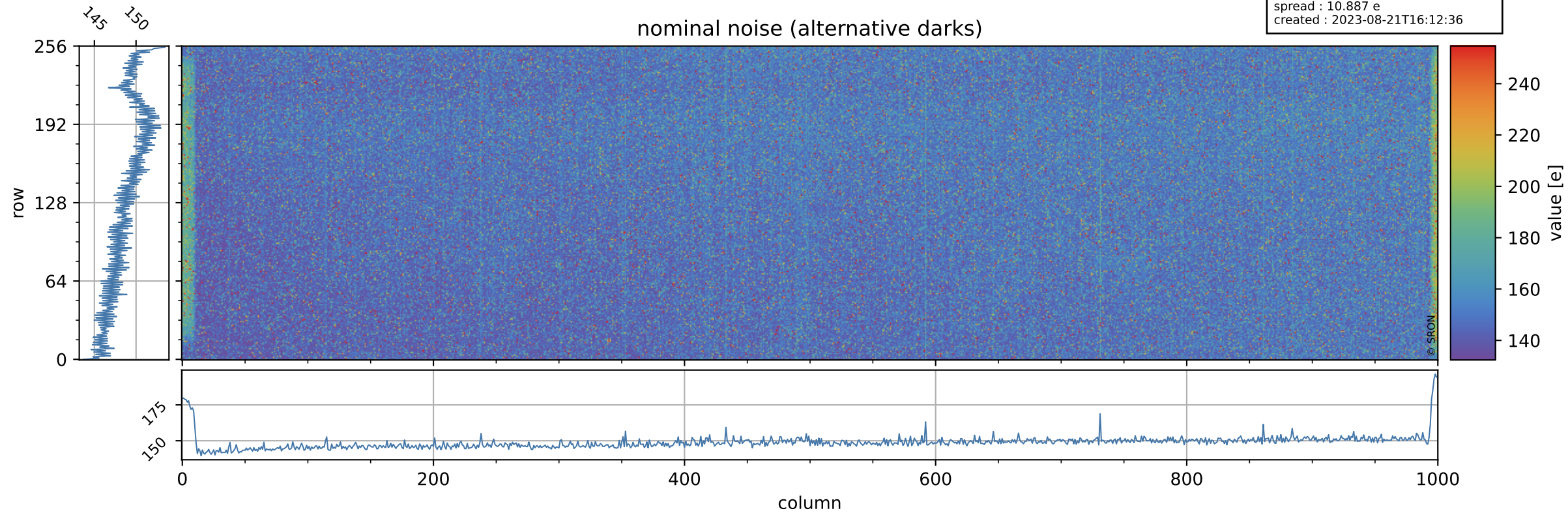


Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.887 e
created : 2023-08-21T16:12:36

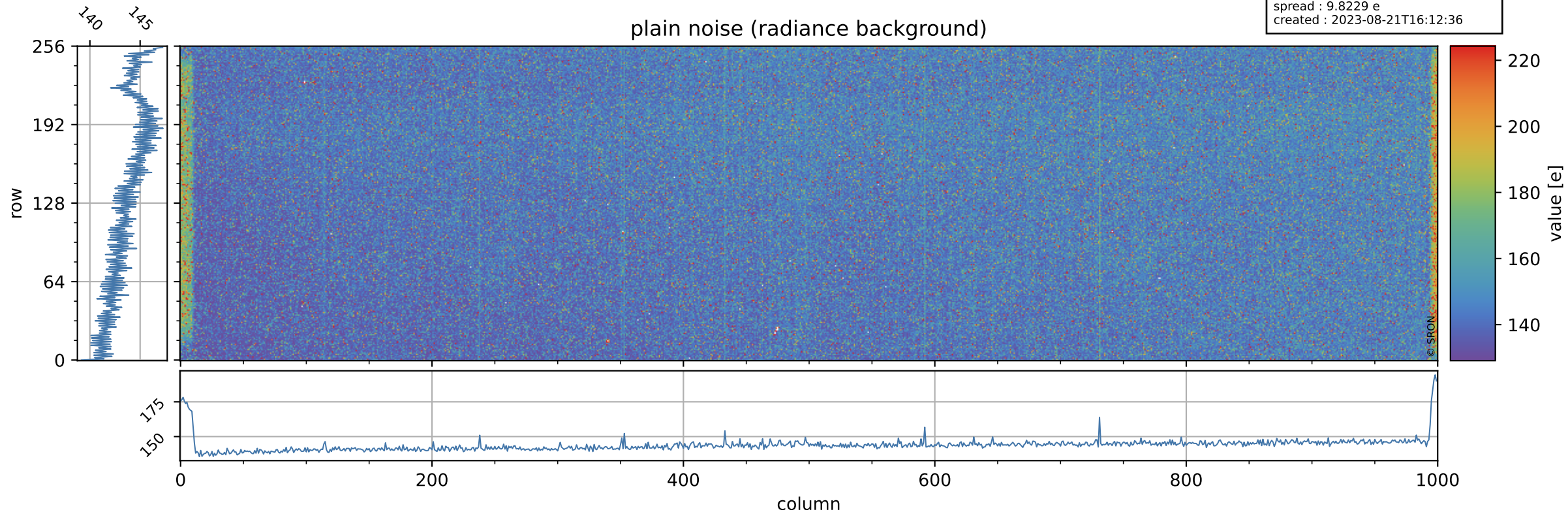
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 9.8229 e
created : 2023-08-21T16:12:36

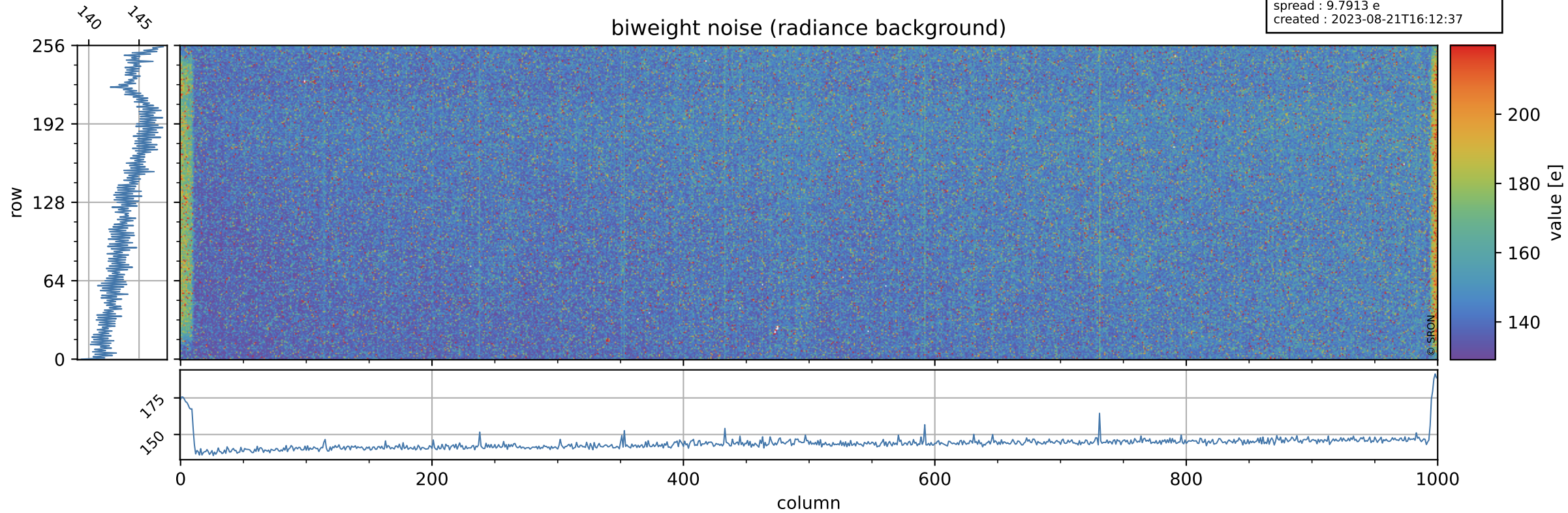
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7913 e
created : 2023-08-21T16:12:37

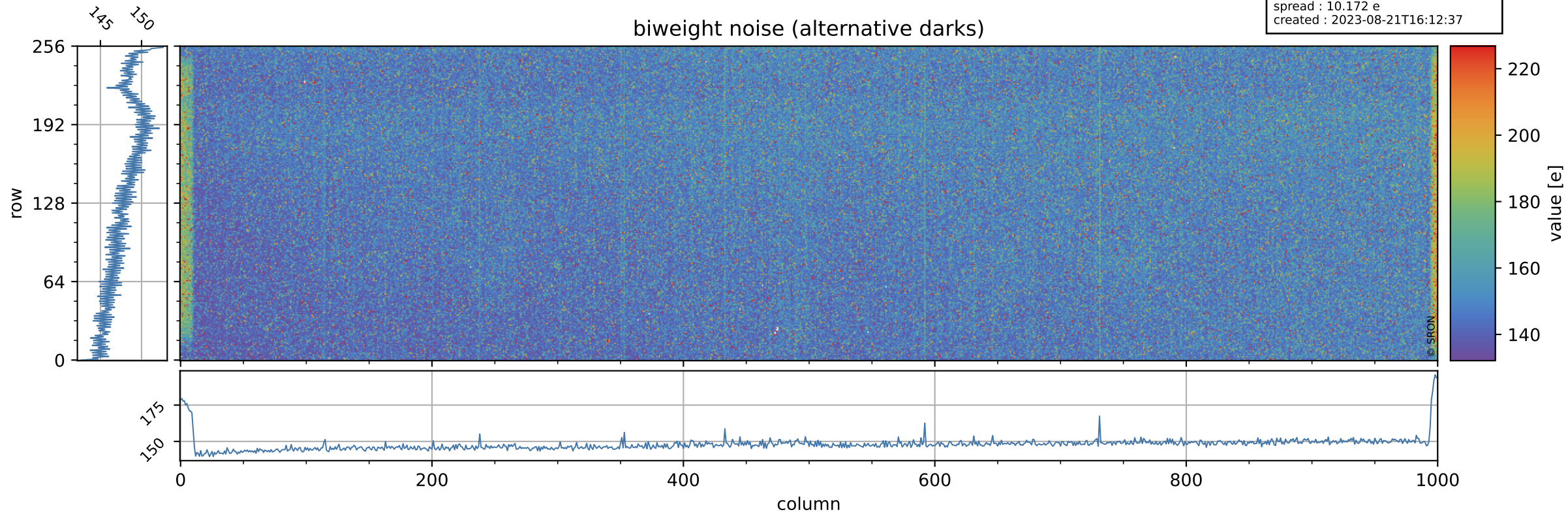
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.172 e
created : 2023-08-21T16:12:37

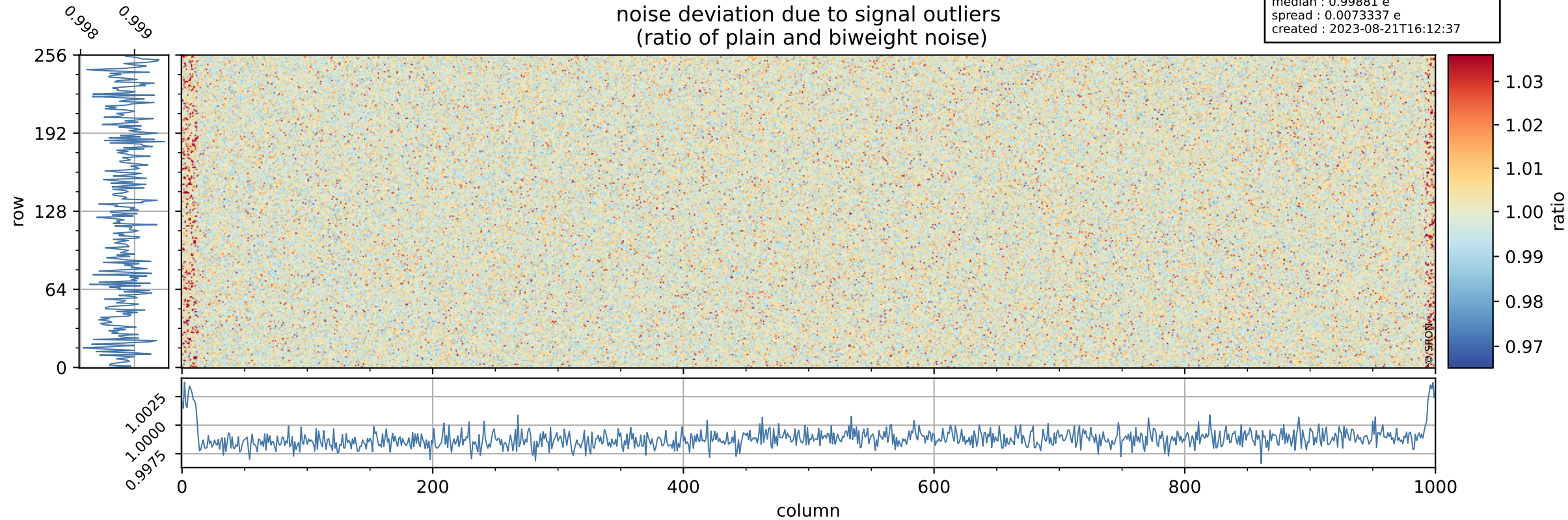
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

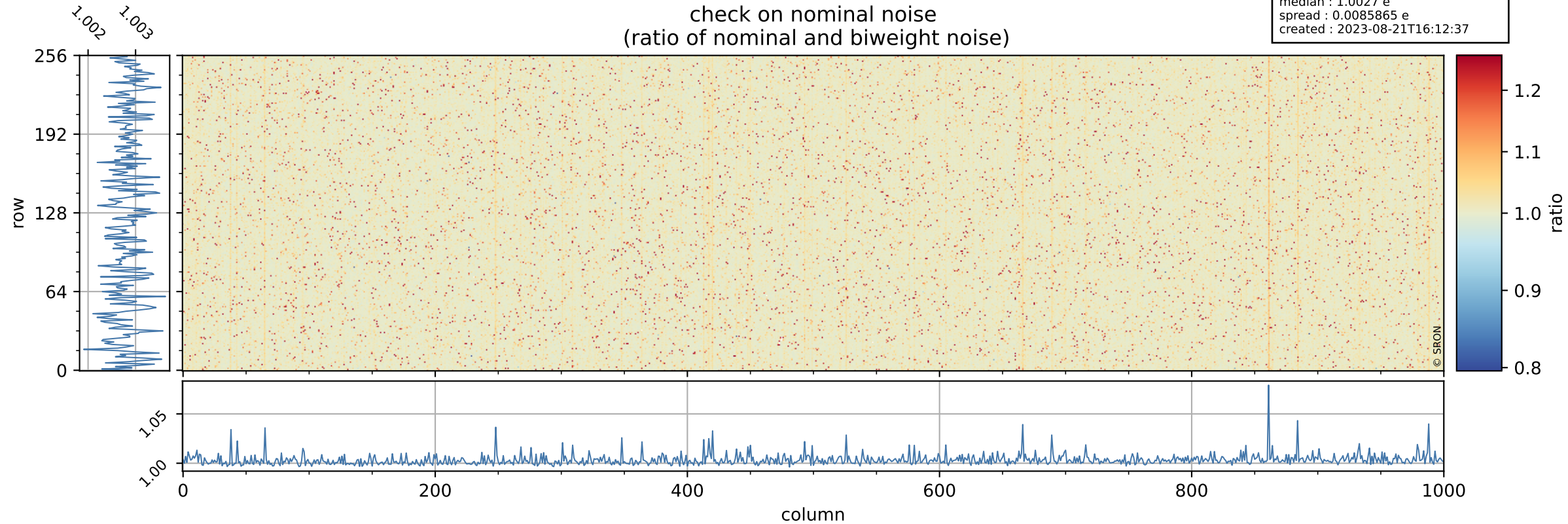
orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
median : 0.99881 e
spread : 0.0073337 e
created : 2023-08-21T16:12:37



Tropomi SWIR background noise (swir)

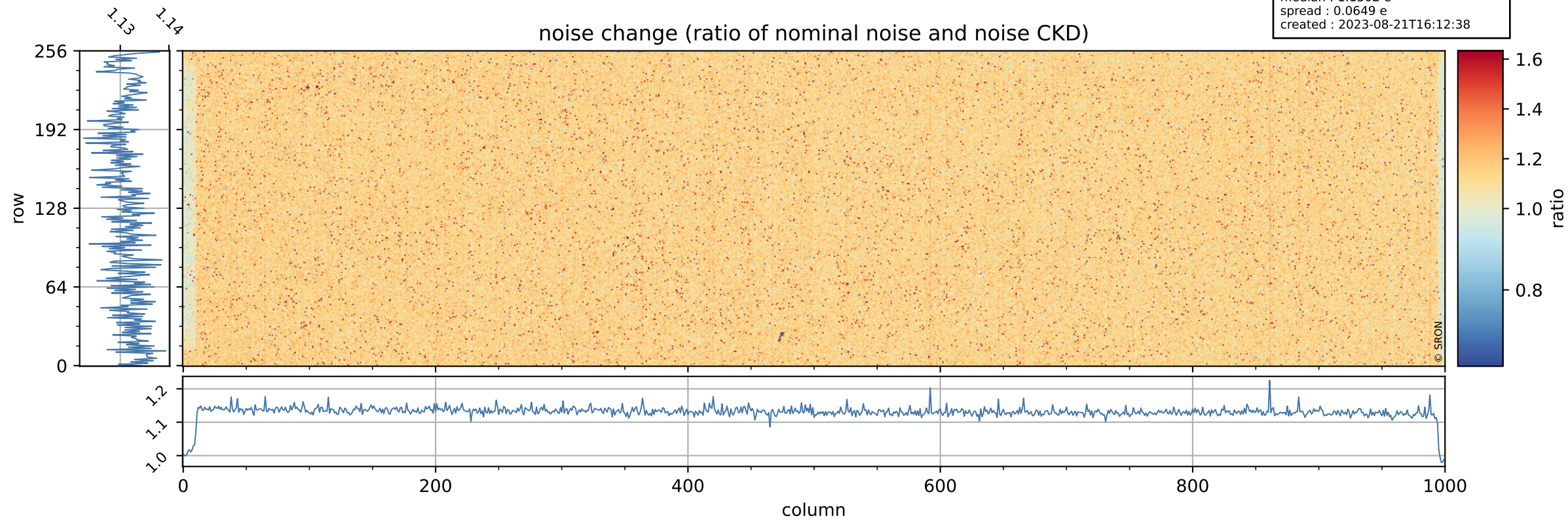
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
median : 1.0027 e
spread : 0.0085865 e
created : 2023-08-21T16:12:37



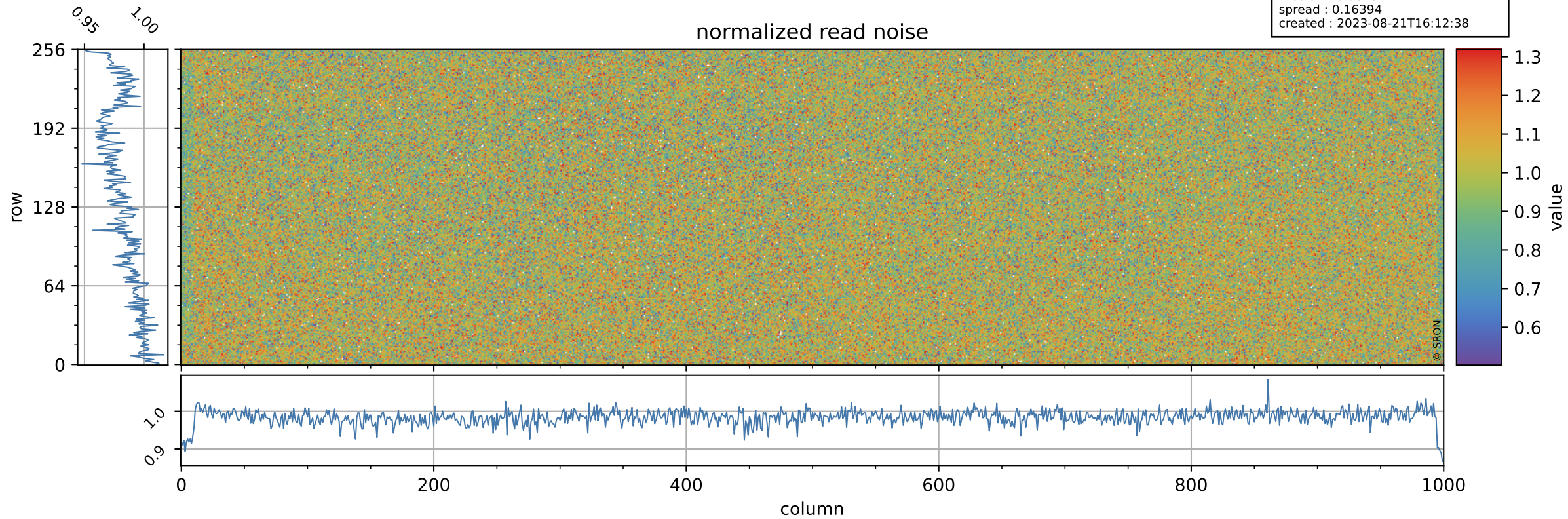
Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
median : 1.1302 e
spread : 0.0649 e
created : 2023-08-21T16:12:38



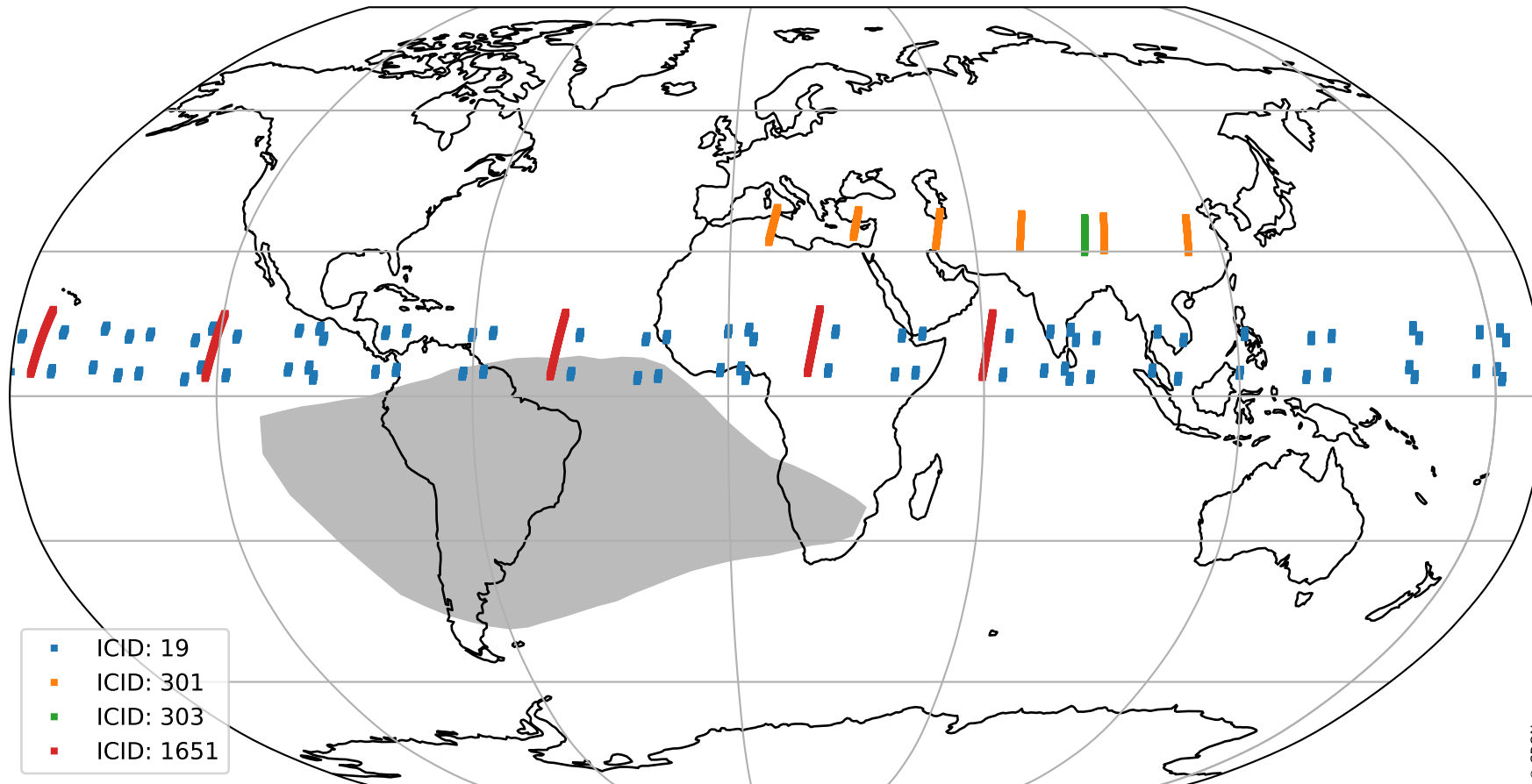
Tropomi SWIR background noise (swir)

orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
median : 0.9823
spread : 0.16394
created : 2023-08-21T16:12:38



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

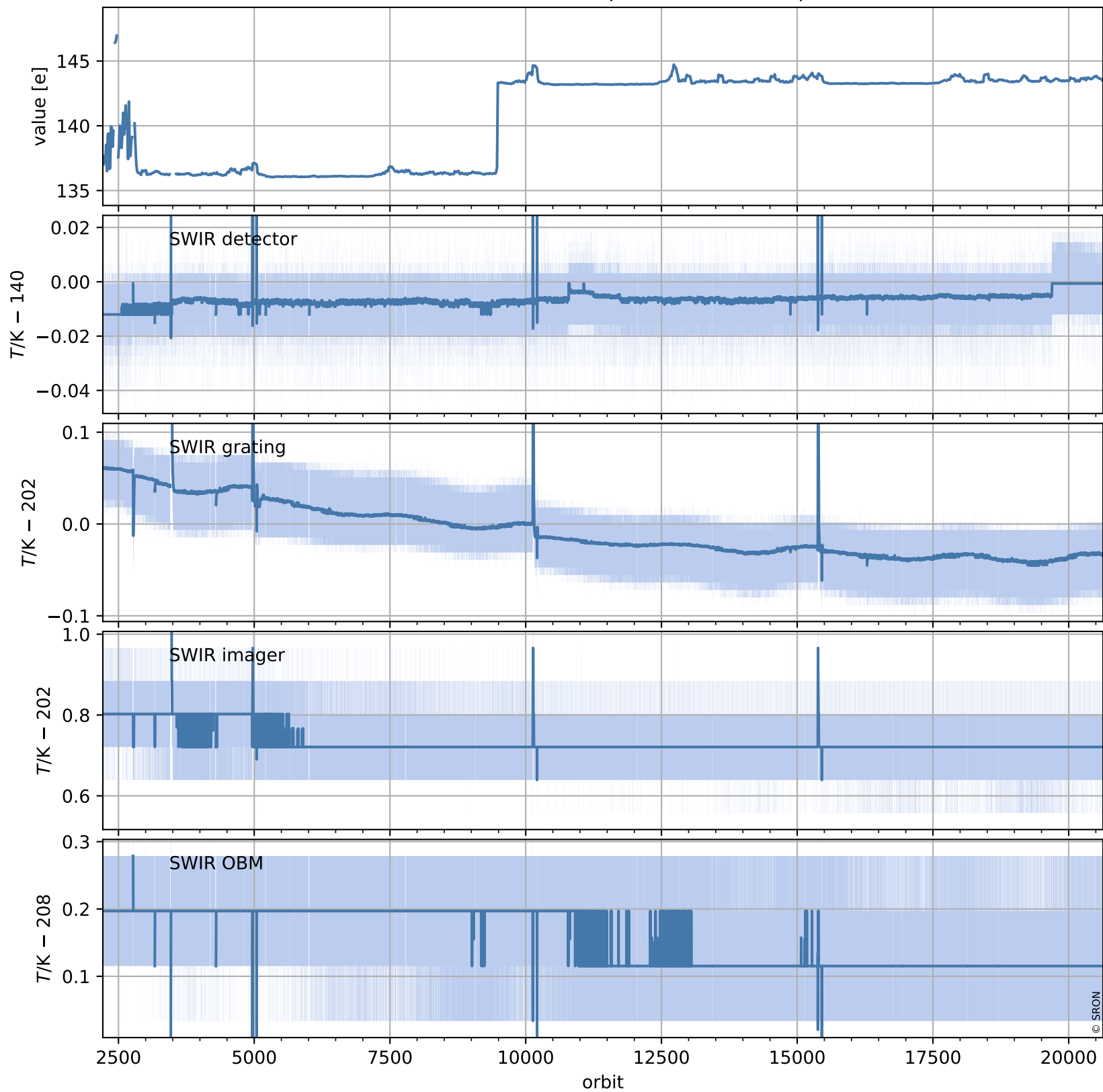
orbits : 12 in [20557, 20632]
coverage : 2021-09-30 / 2021-10-06
created : 2023-08-21T16:12:39



Tropomi SWIR background noise (swir)

orbits : [2212, 20632]
coverage : 2018-03-18 / 2021-10-06
created : 2023-08-21T16:12:39

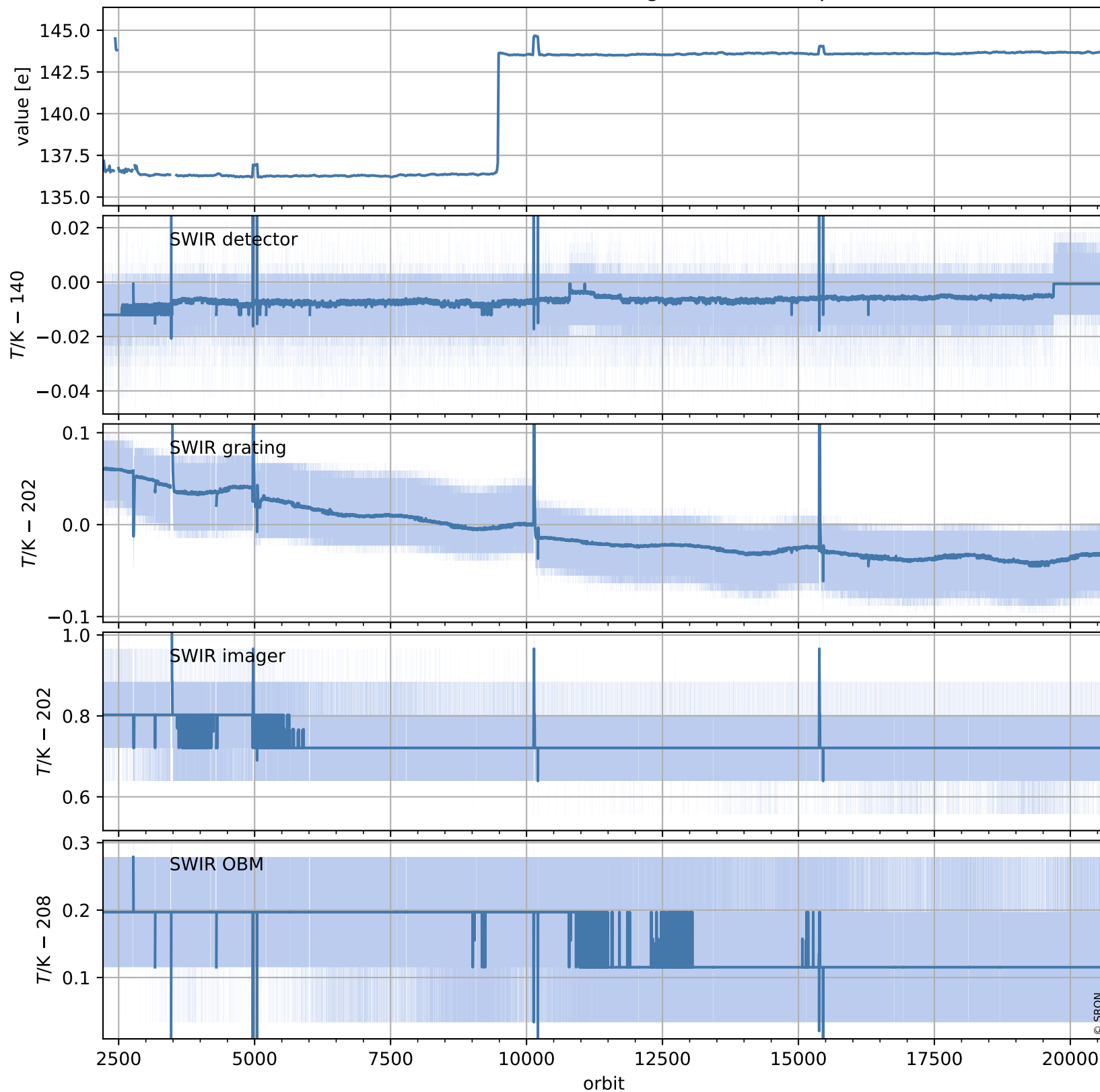
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20632]
coverage : 2018-03-18 / 2021-10-06
created : 2023-08-21T16:12:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20632]
coverage : 2018-03-18 / 2021-10-06
created : 2023-08-21T16:12:41

trend of normalized read-noise & temperatures

