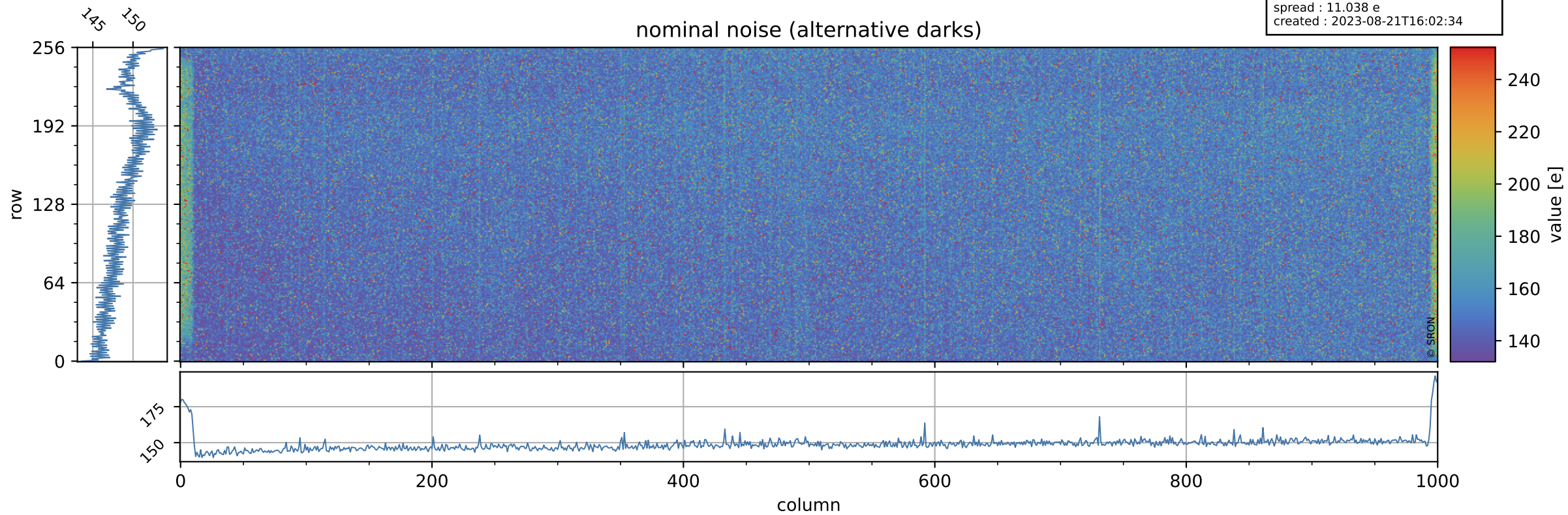


Tropomi SWIR background noise (swir)

orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 11.038 e
created : 2023-08-21T16:02:34

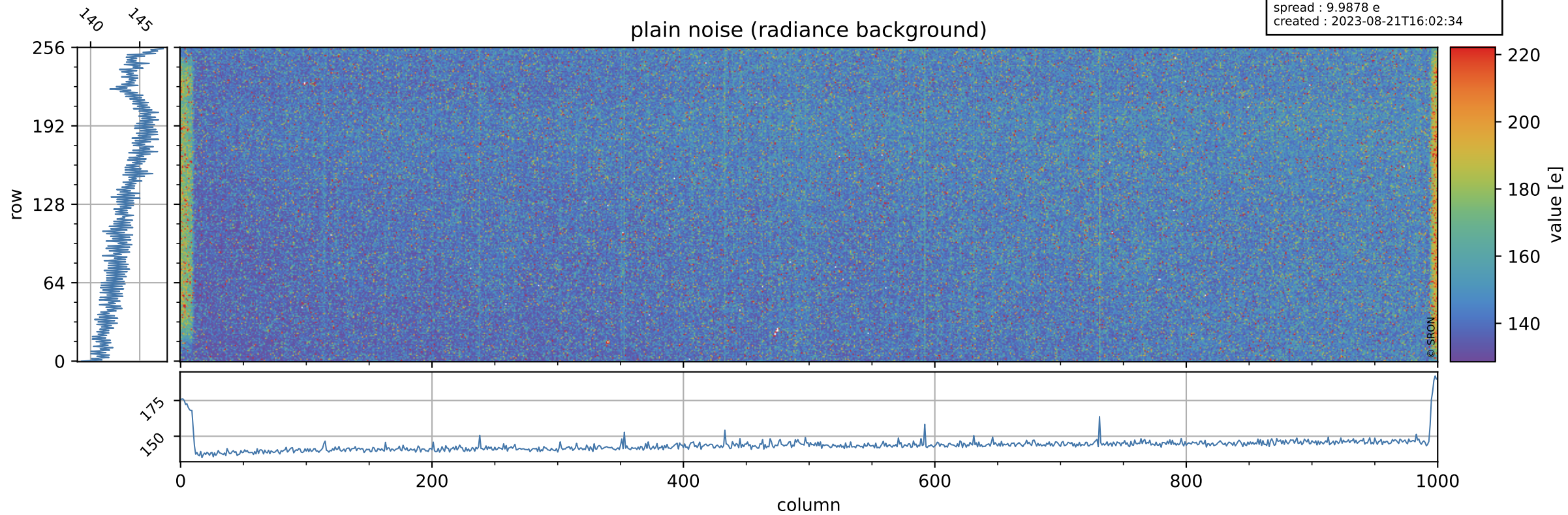
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9878 e
created : 2023-08-21T16:02:34

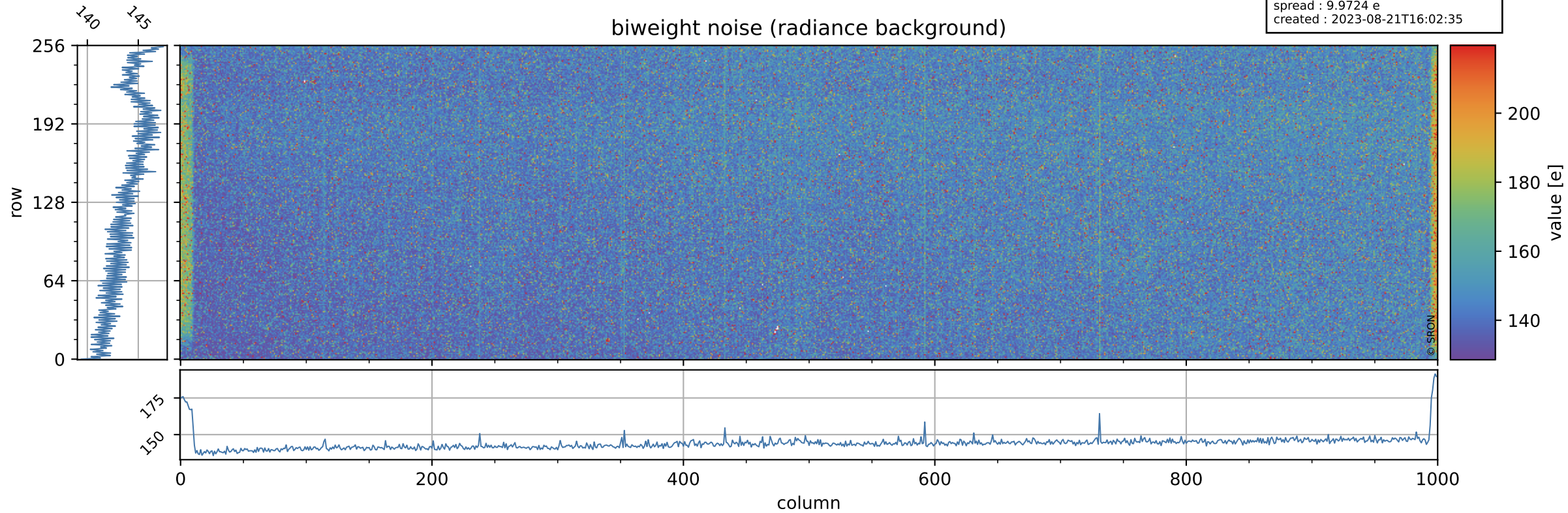
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9724 e
created : 2023-08-21T16:02:35

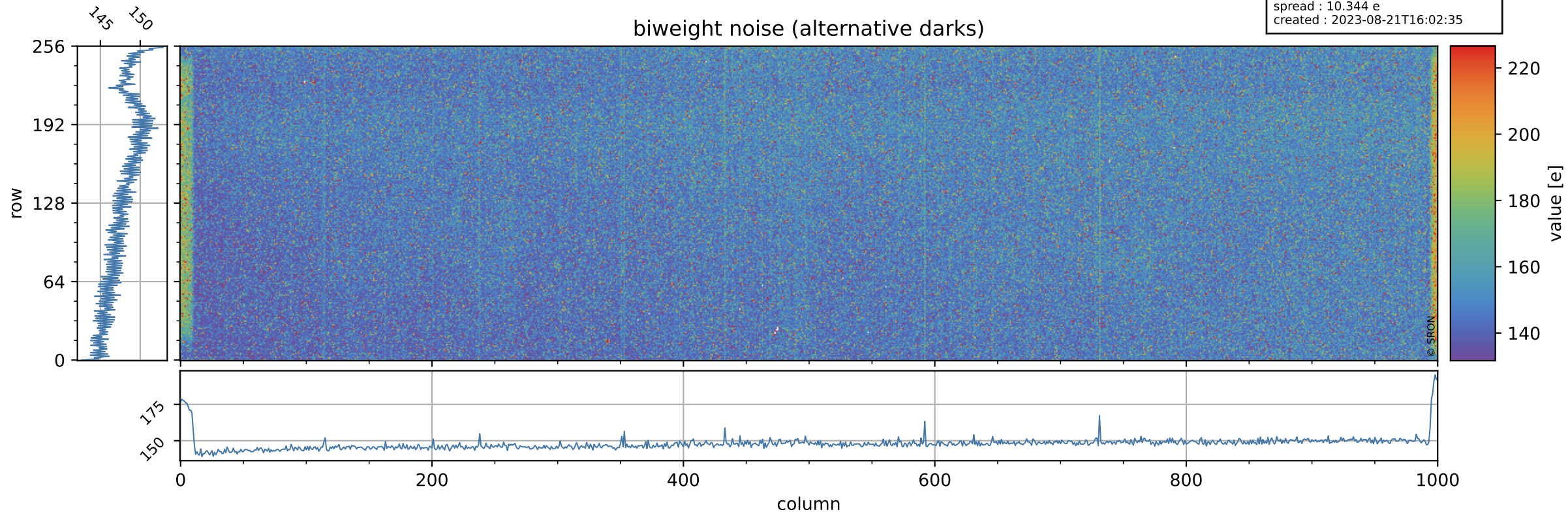
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.344 e
created : 2023-08-21T16:02:35

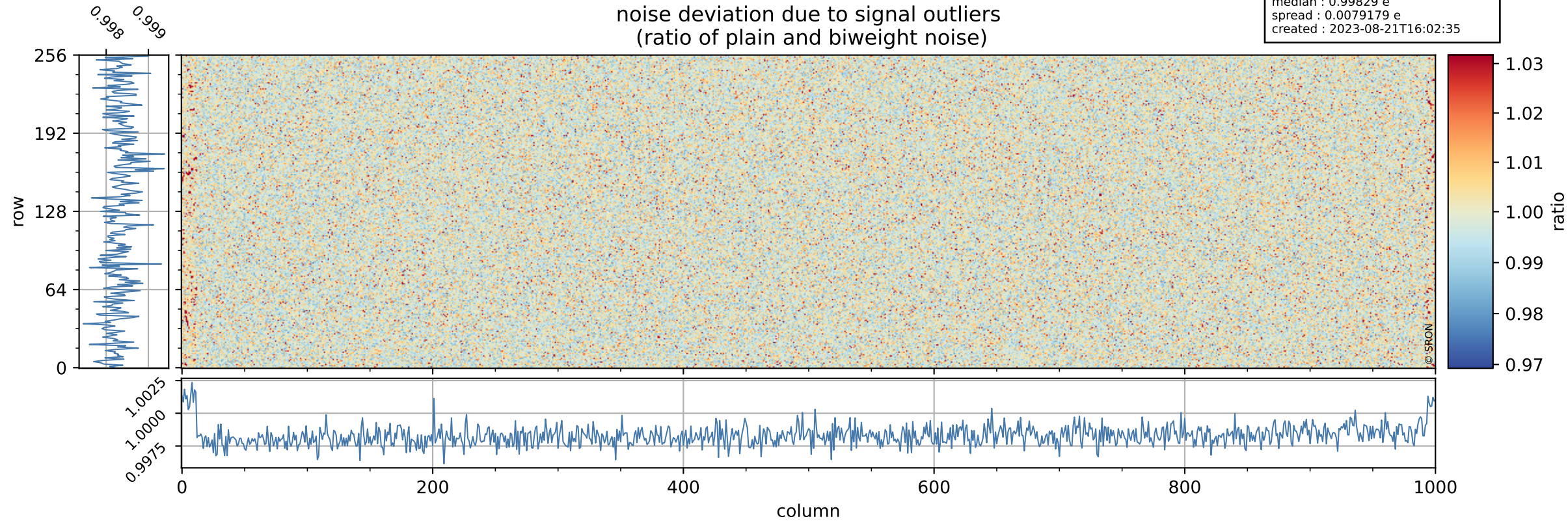
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

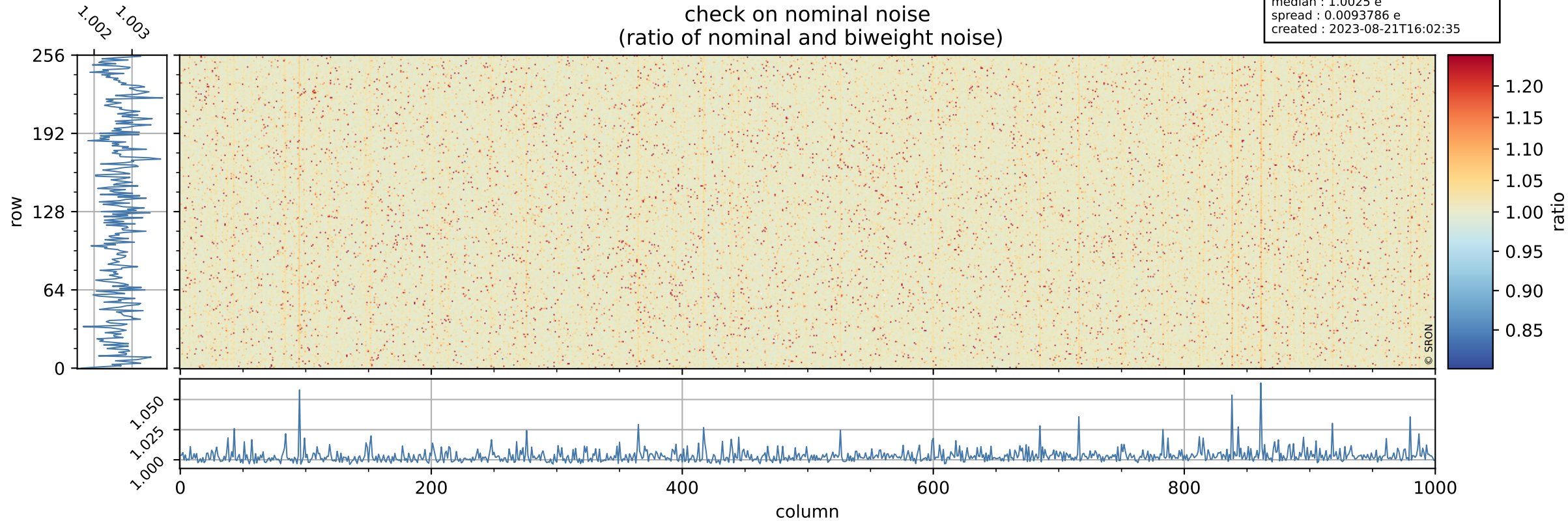
orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
median : 0.99829 e
spread : 0.0079179 e
created : 2023-08-21T16:02:35



Tropomi SWIR background noise (swir)

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

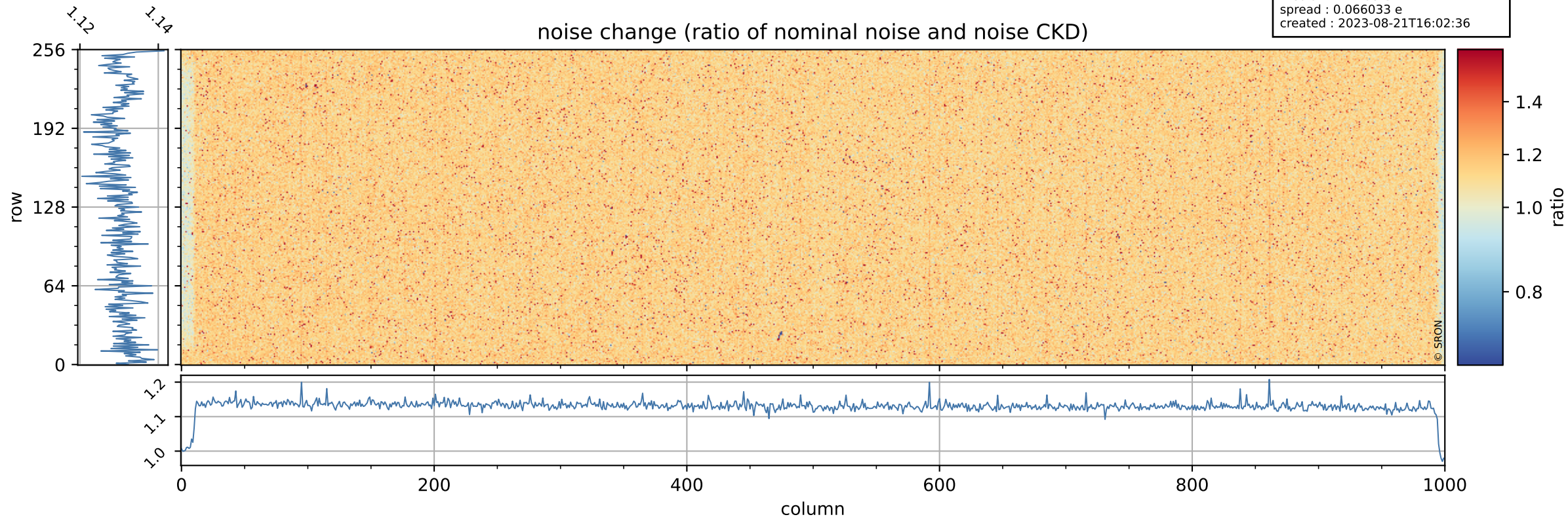
orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
median : 1.0025 e
spread : 0.0093786 e
created : 2023-08-21T16:02:35



Tropomi SWIR background noise (swir)

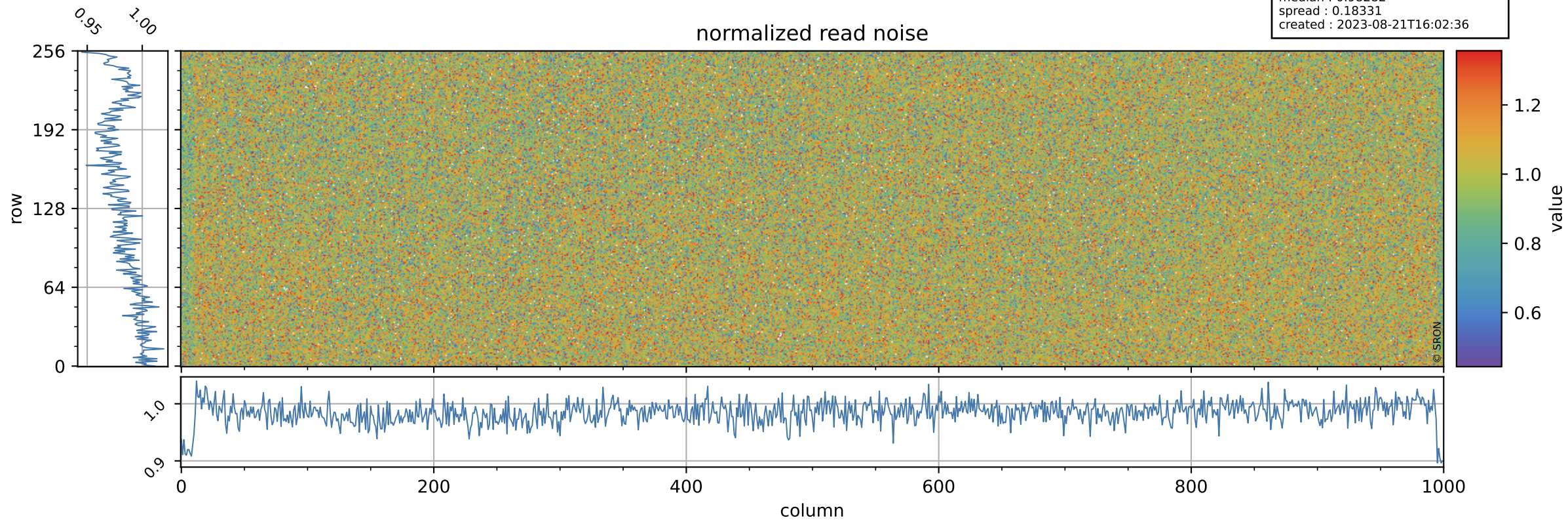
orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
median : 1.1295 e
spread : 0.066033 e
created : 2023-08-21T16:02:36

noise change (ratio of nominal noise and noise CKD)



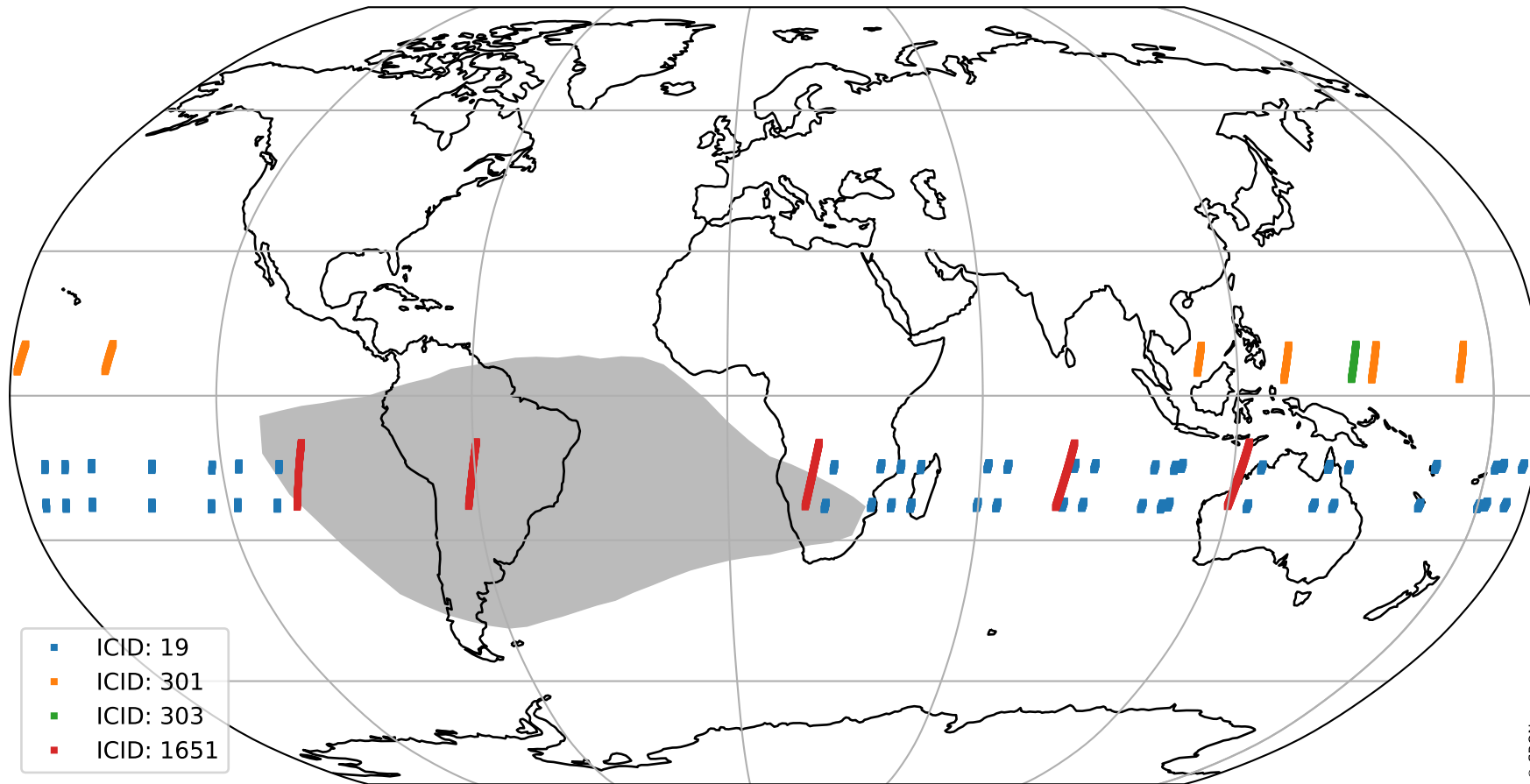
Tropomi SWIR background noise (swir)

orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
median : 0.98282
spread : 0.18331
created : 2023-08-21T16:02:36



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

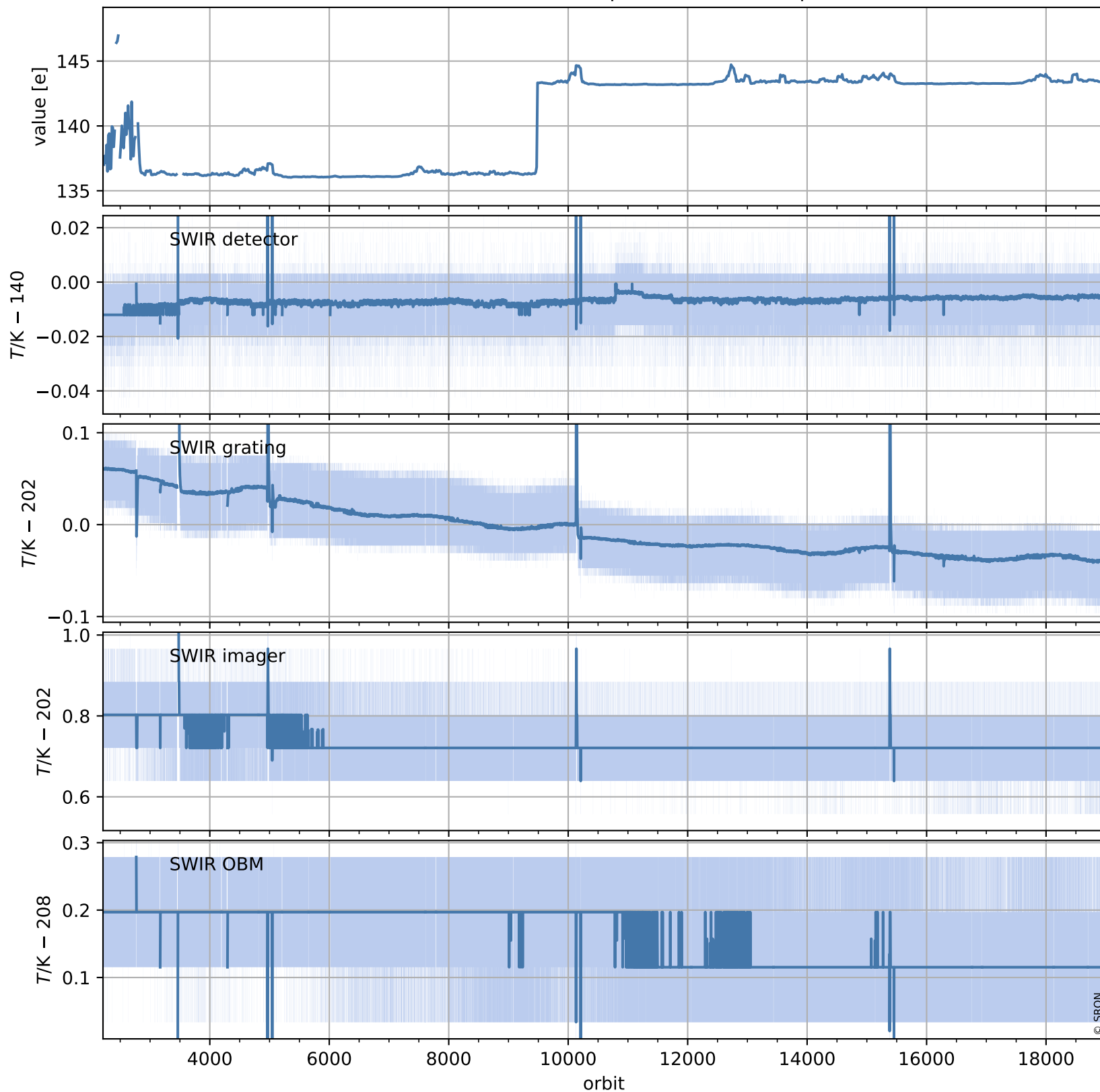
orbits : 12 in [18892, 18982]
coverage : 2021-06-06 / 2021-06-11
created : 2023-08-21T16:02:36



Tropomi SWIR background noise (swir)

orbits : [2212, 18982]
coverage : 2018-03-18 / 2021-06-11
created : 2023-08-21T16:02:37

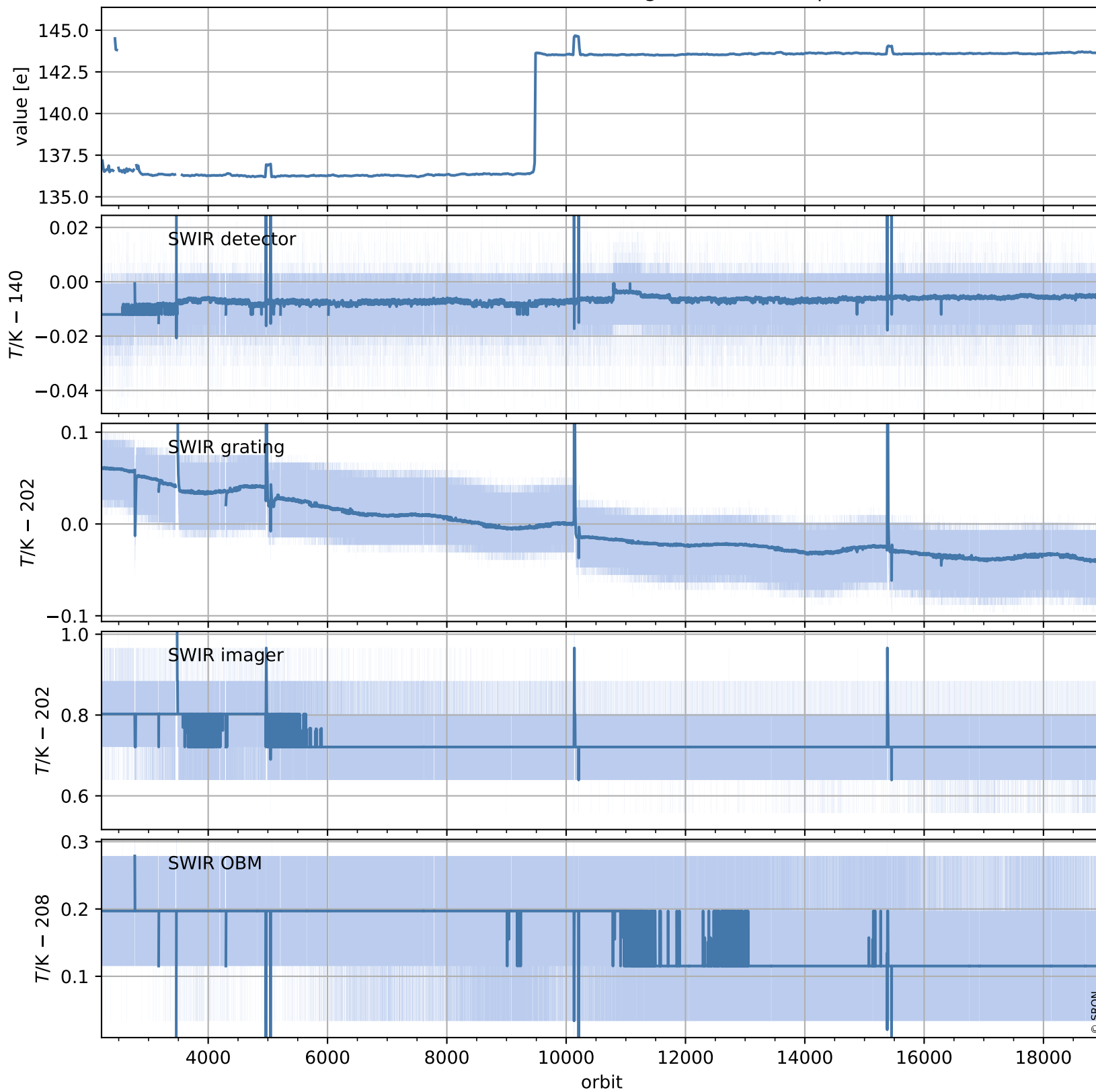
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18982]
coverage : 2018-03-18 / 2021-06-11
created : 2023-08-21T16:02:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18982]
coverage : 2018-03-18 / 2021-06-11
created : 2023-08-21T16:02:38

trend of normalized read-noise & temperatures

