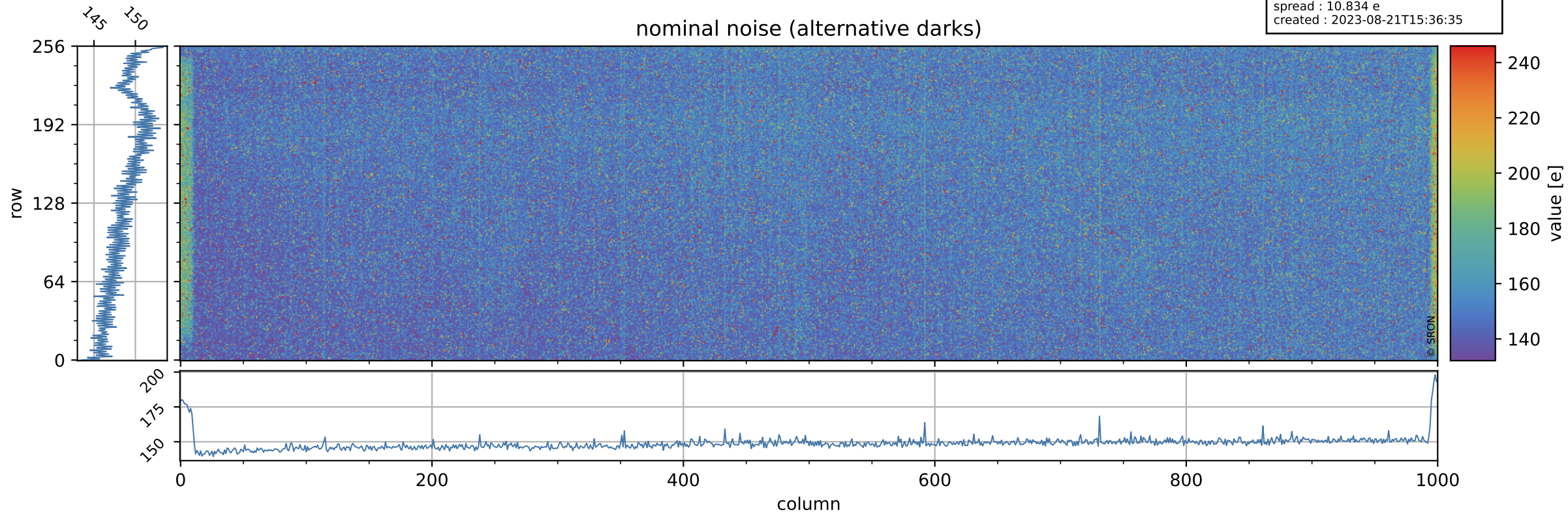


Tropomi SWIR background noise (swir)

orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.834 e
created : 2023-08-21T15:36:35

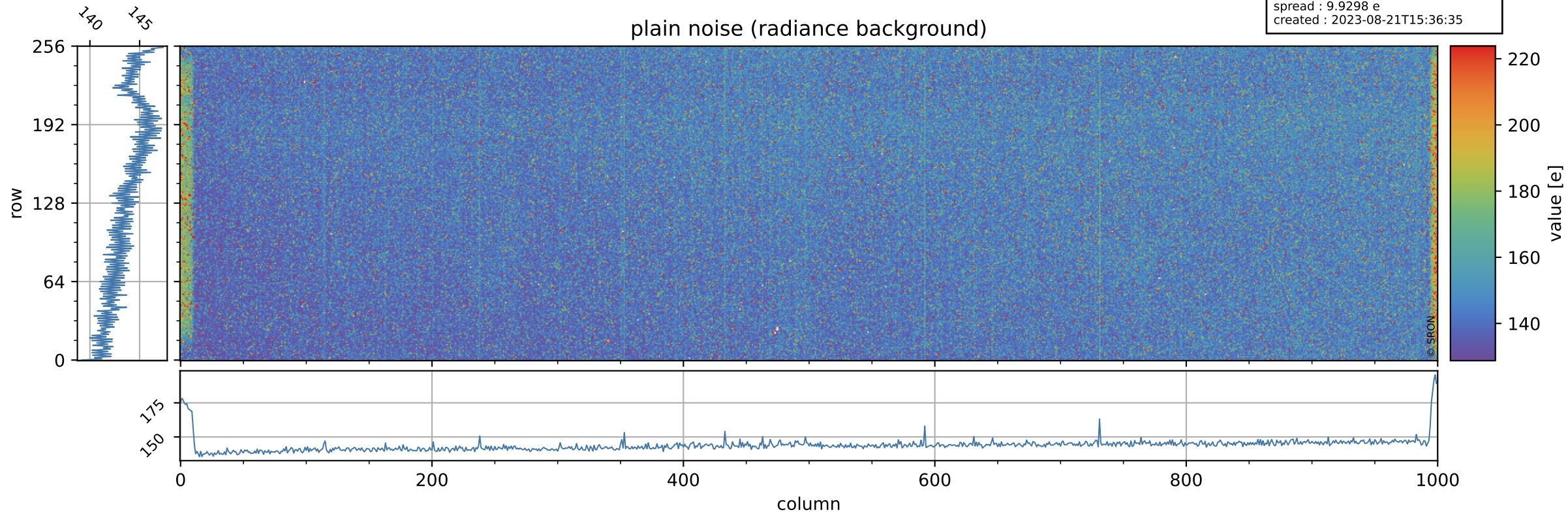
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 9.9298 e
created : 2023-08-21T15:36:35

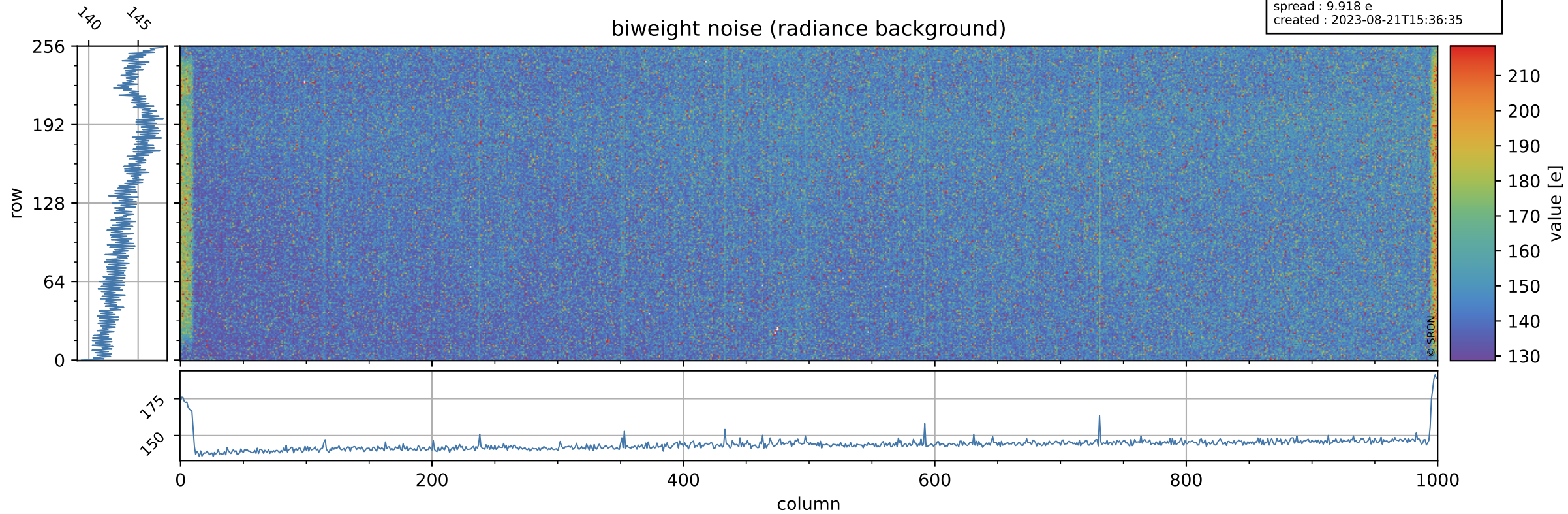
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.918 e
created : 2023-08-21T15:36:35

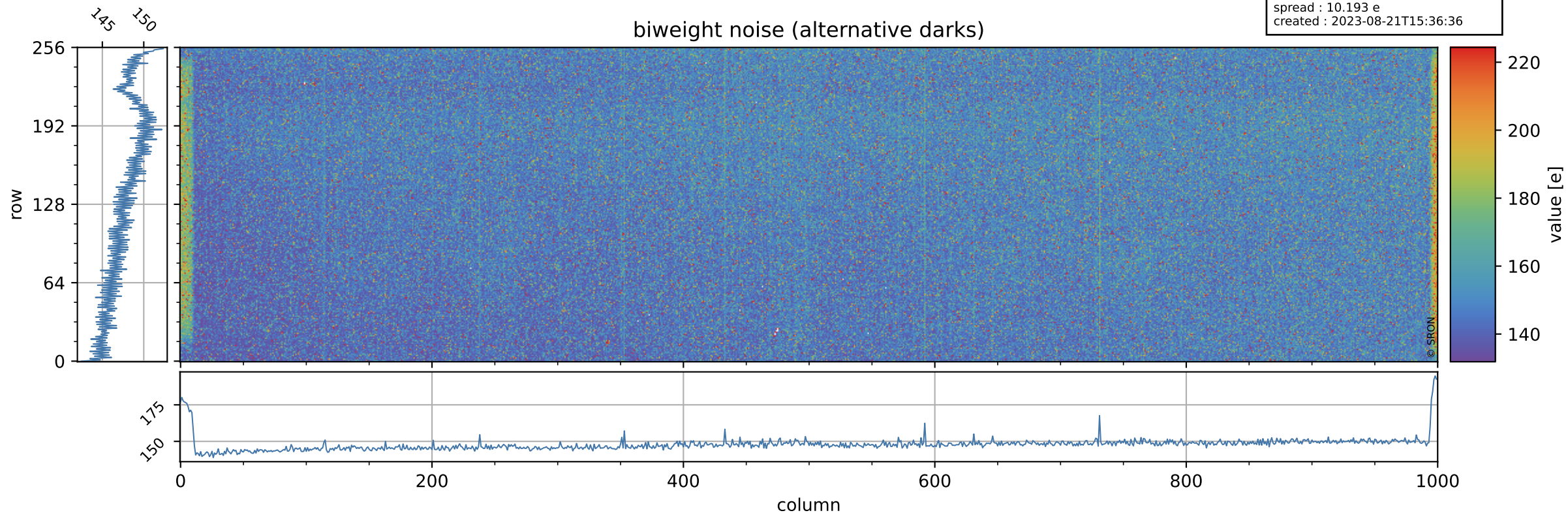
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.193 e
created : 2023-08-21T15:36:36

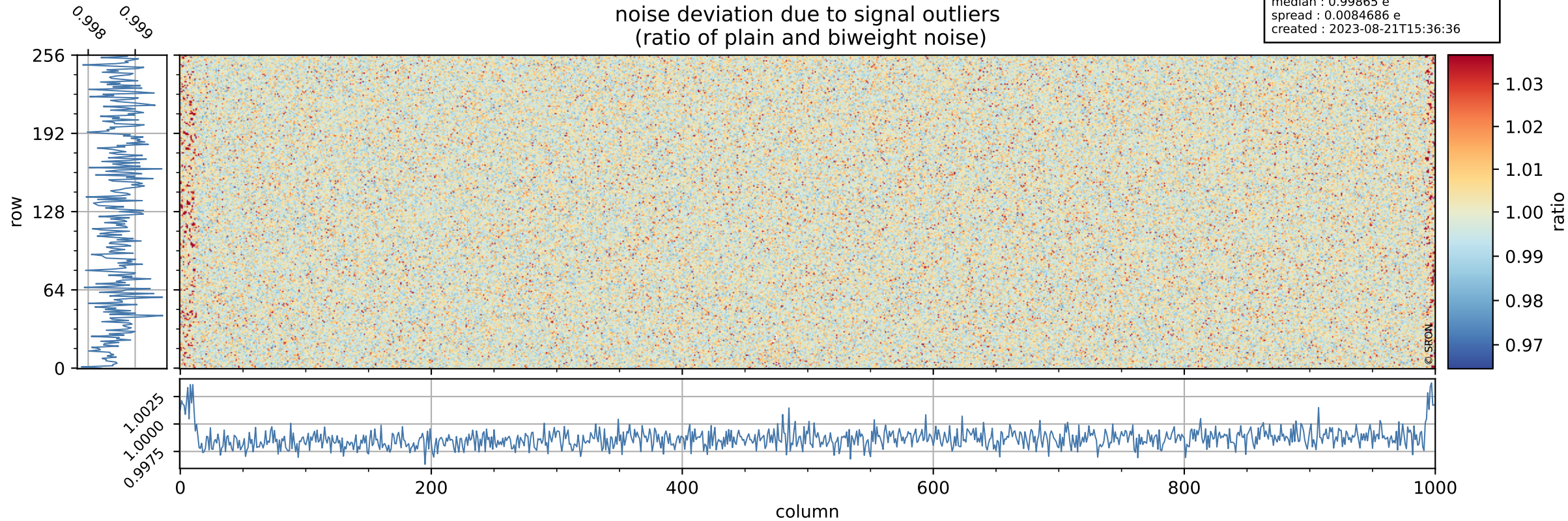
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

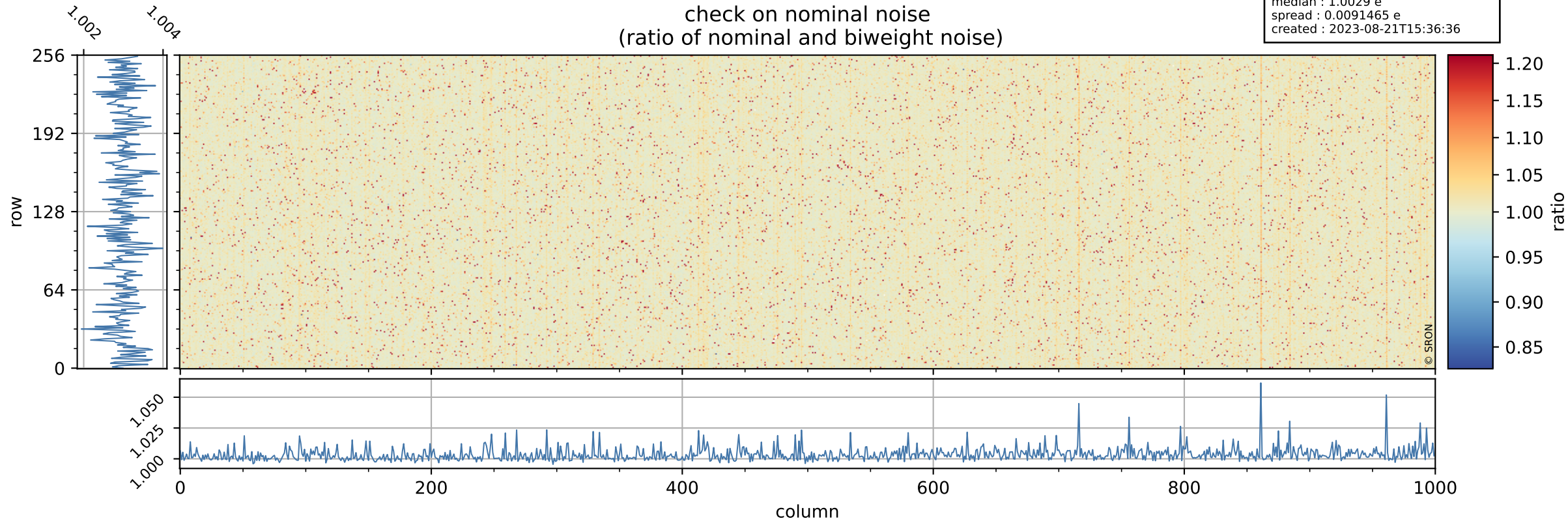
orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
median : 0.99865 e
spread : 0.0084686 e
created : 2023-08-21T15:36:36



Tropomi SWIR background noise (swir)

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

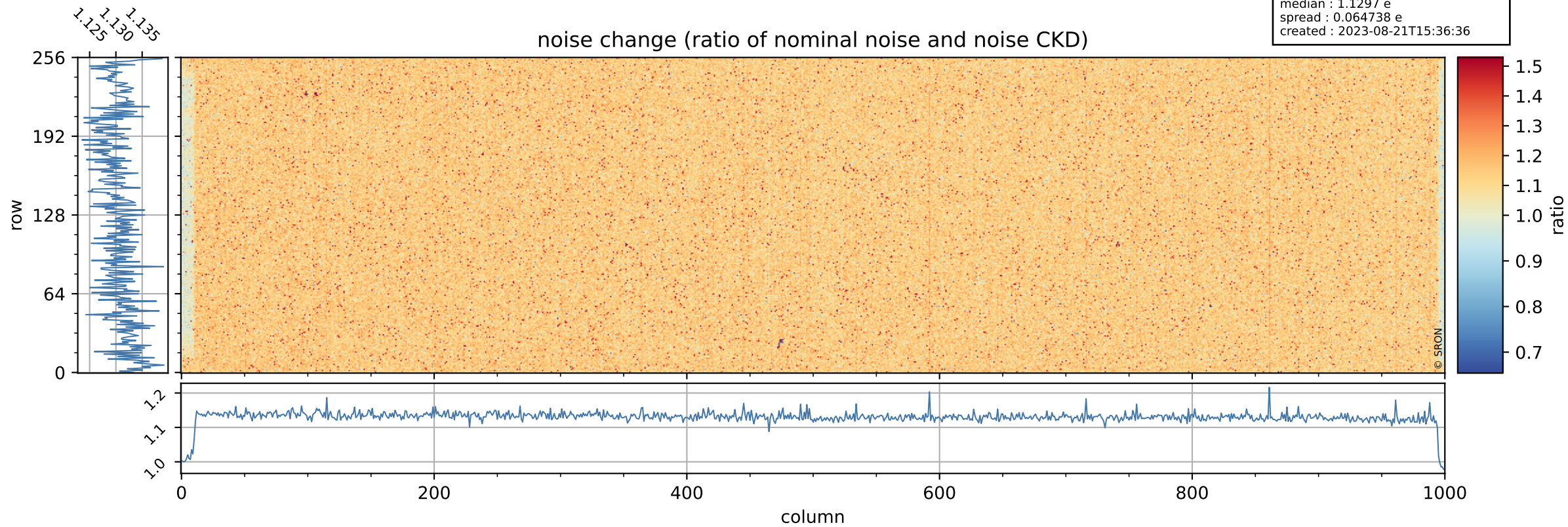
orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
median : 1.0029 e
spread : 0.0091465 e
created : 2023-08-21T15:36:36



Tropomi SWIR background noise (swir)

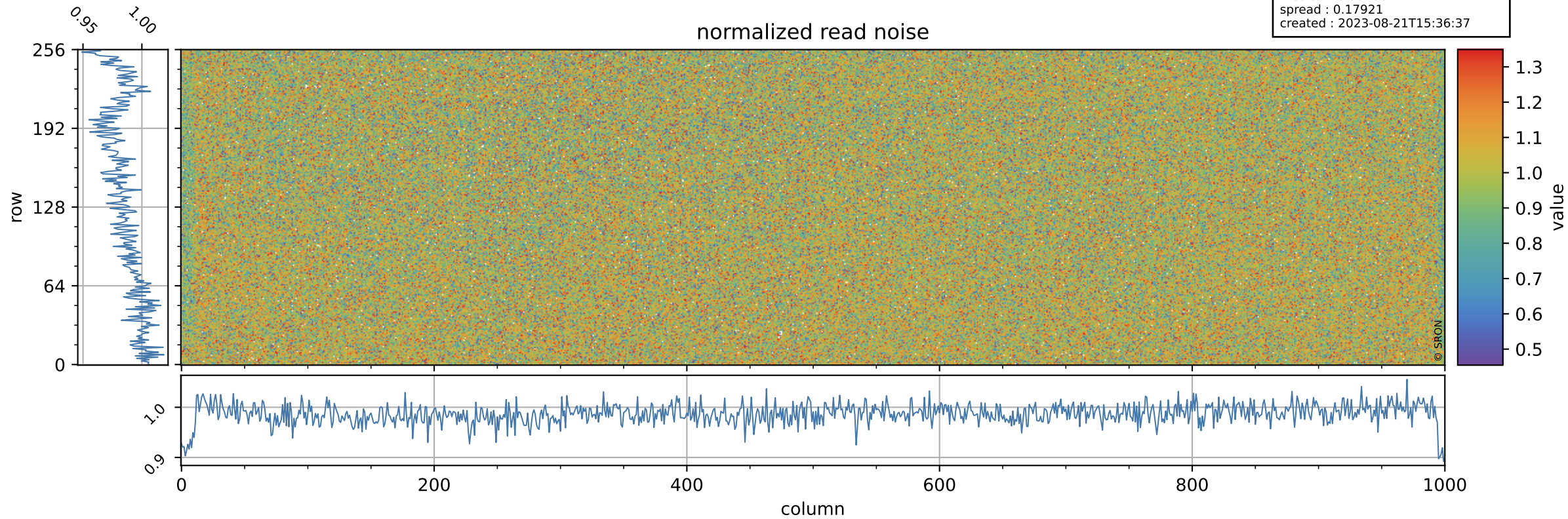
orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
median : 1.1297 e
spread : 0.064738 e
created : 2023-08-21T15:36:36

noise change (ratio of nominal noise and noise CKD)



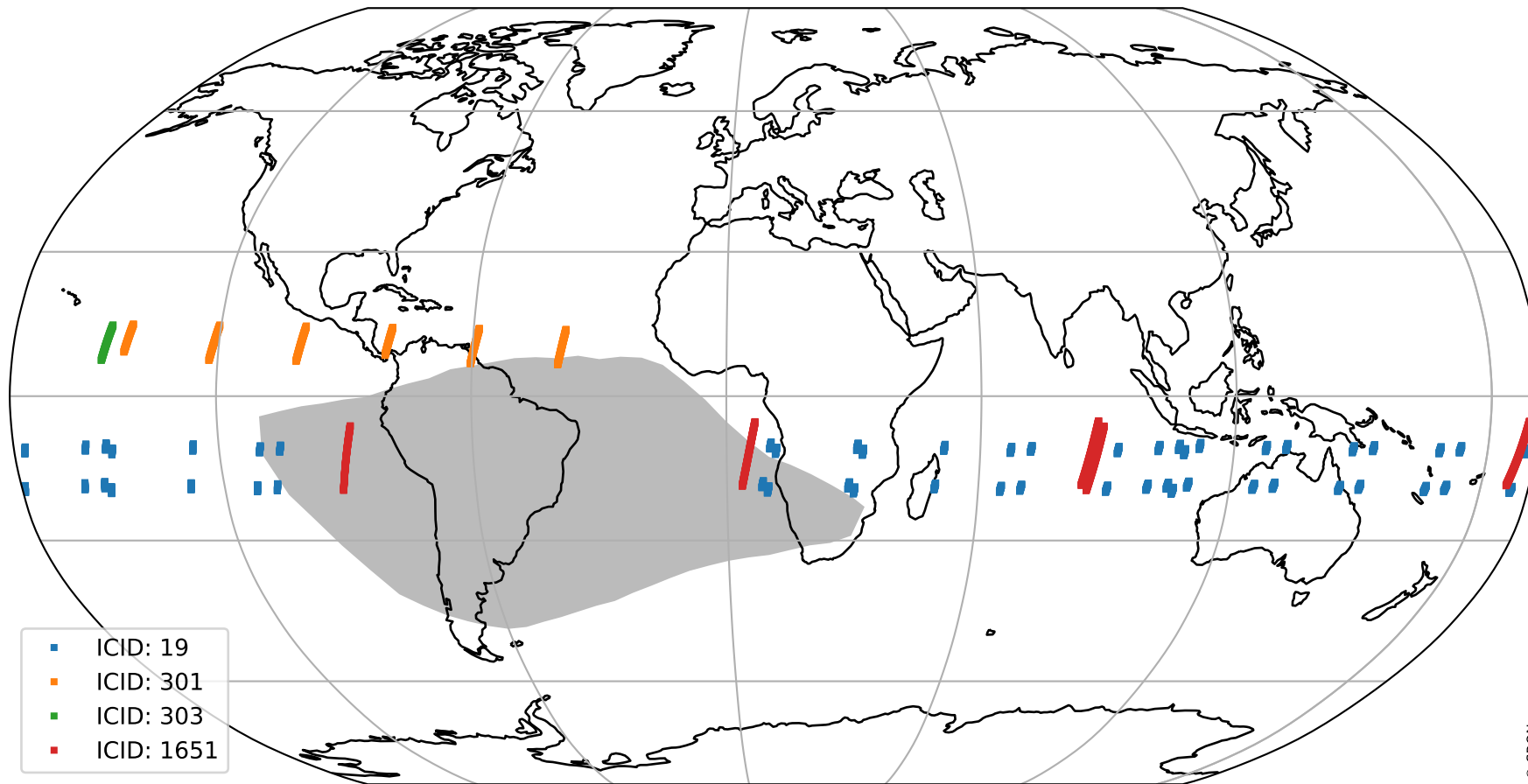
Tropomi SWIR background noise (swir)

orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
median : 0.98466
spread : 0.17921
created : 2023-08-21T15:36:37



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

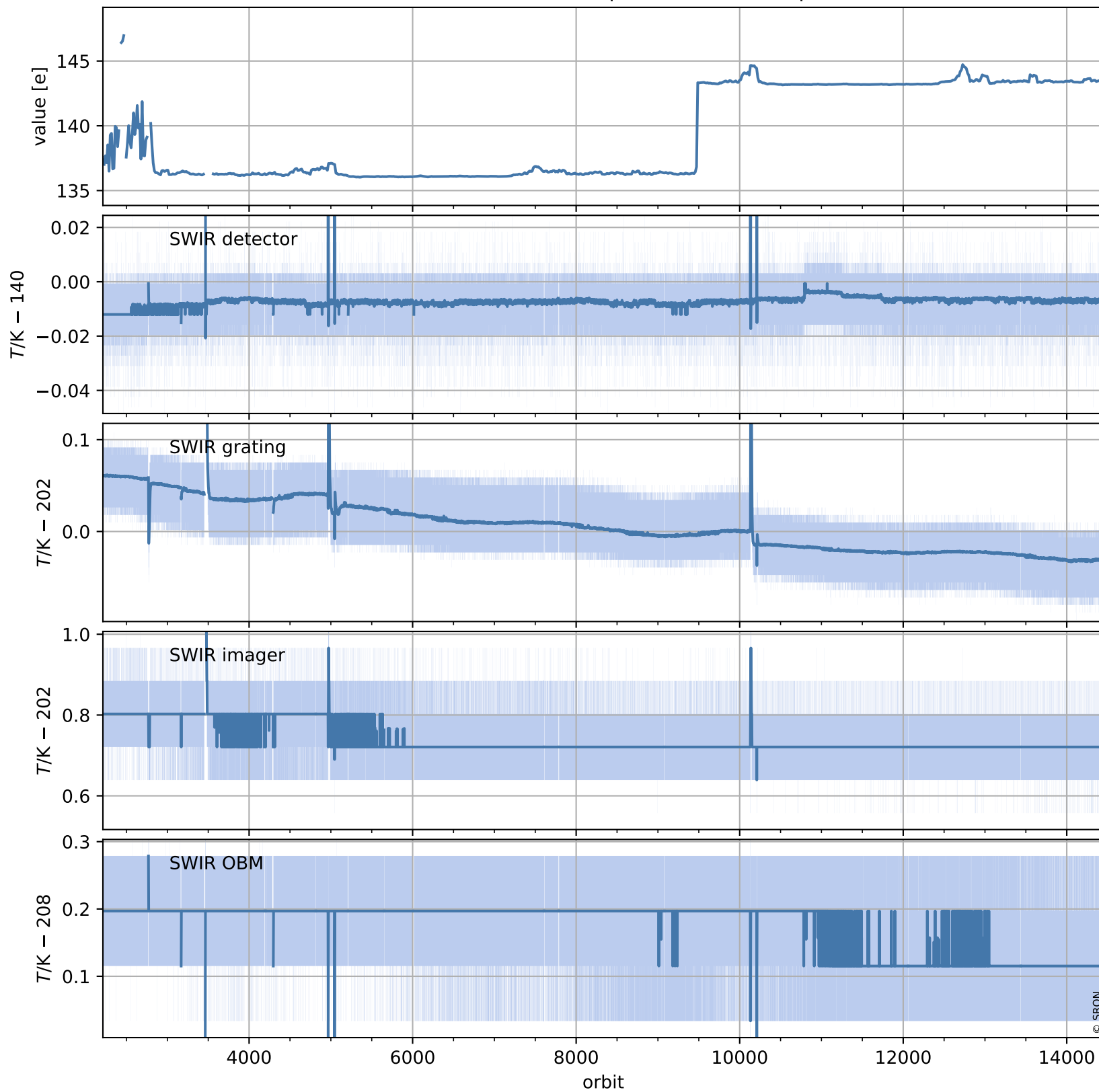
orbits : 12 in [14362, 14452]
coverage : 2020-07-22 / 2020-07-27
created : 2023-08-21T15:36:37



Tropomi SWIR background noise (swir)

orbits : [2212, 14452]
coverage : 2018-03-18 / 2020-07-27
created : 2023-08-21T15:36:37

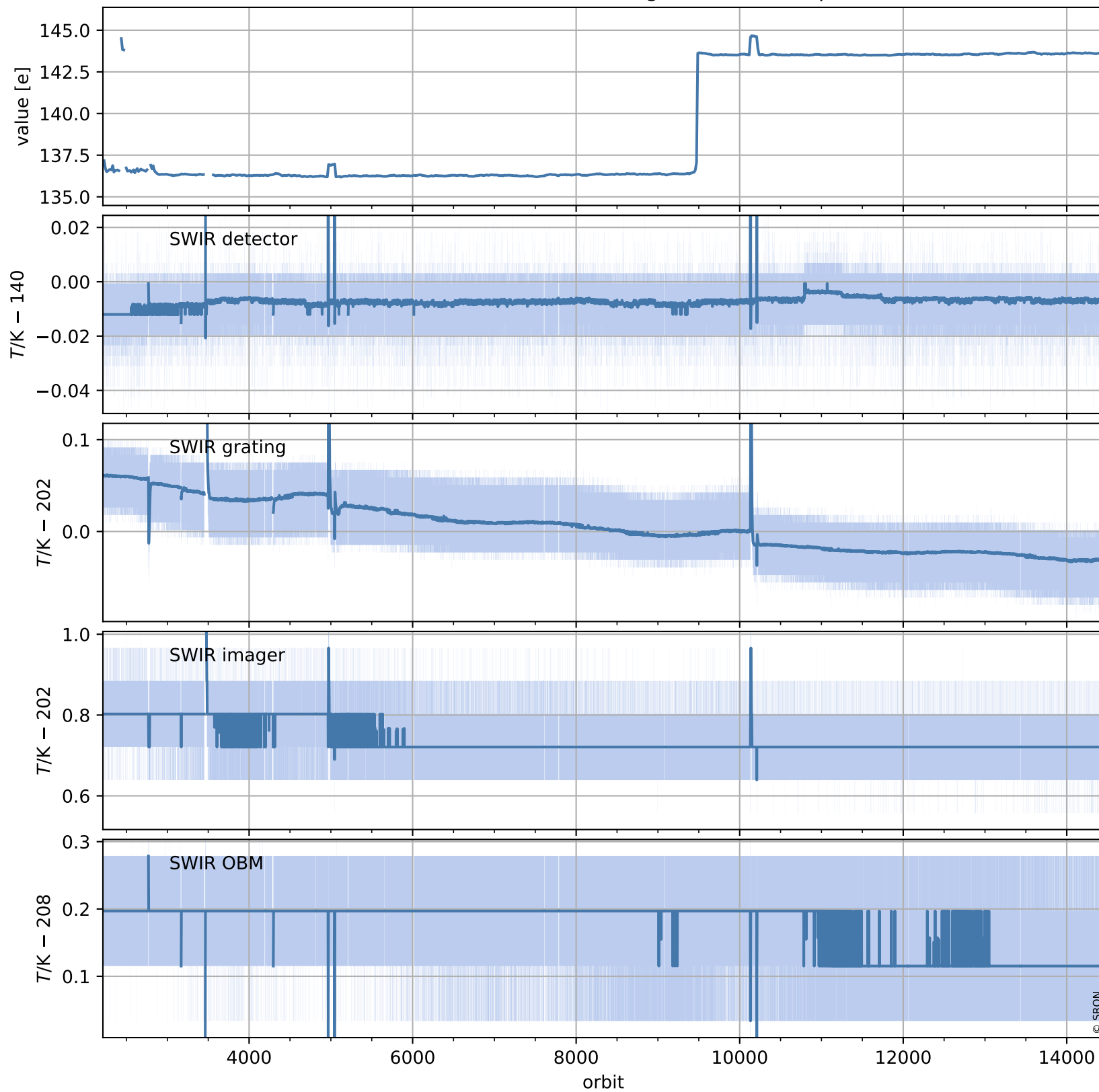
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14452]
coverage : 2018-03-18 / 2020-07-27
created : 2023-08-21T15:36:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14452]
coverage : 2018-03-18 / 2020-07-27
created : 2023-08-21T15:36:39

trend of normalized read-noise & temperatures

