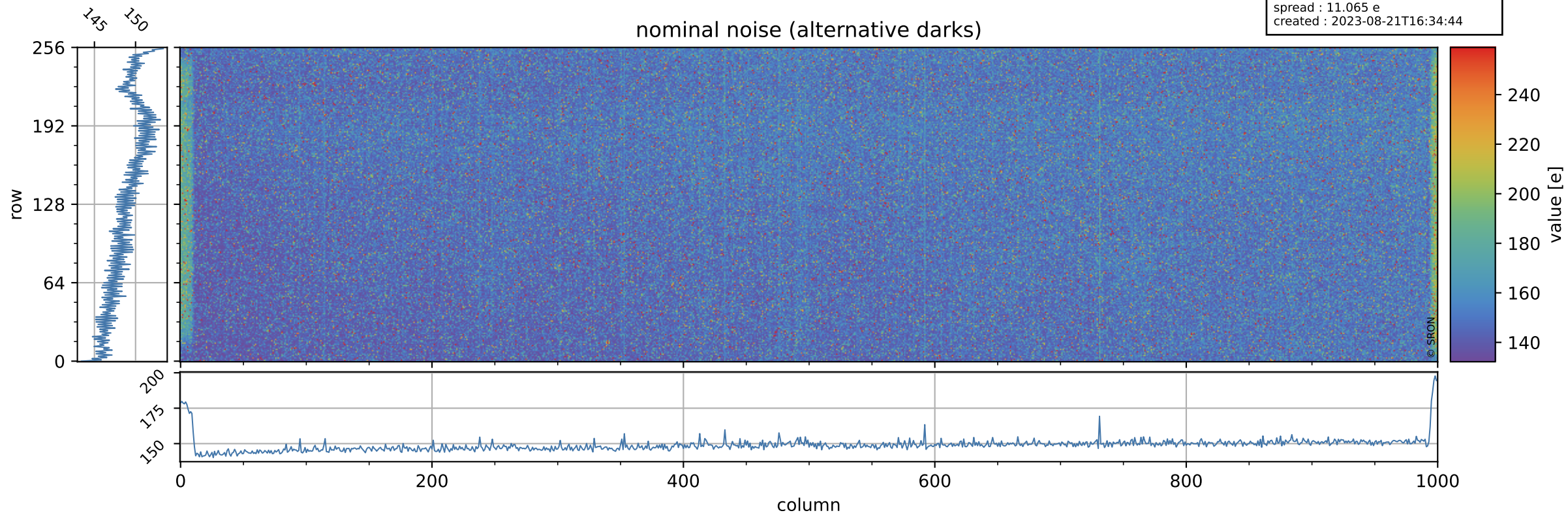


Tropomi SWIR background noise (swir)

orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 11.065 e
created : 2023-08-21T16:34:44

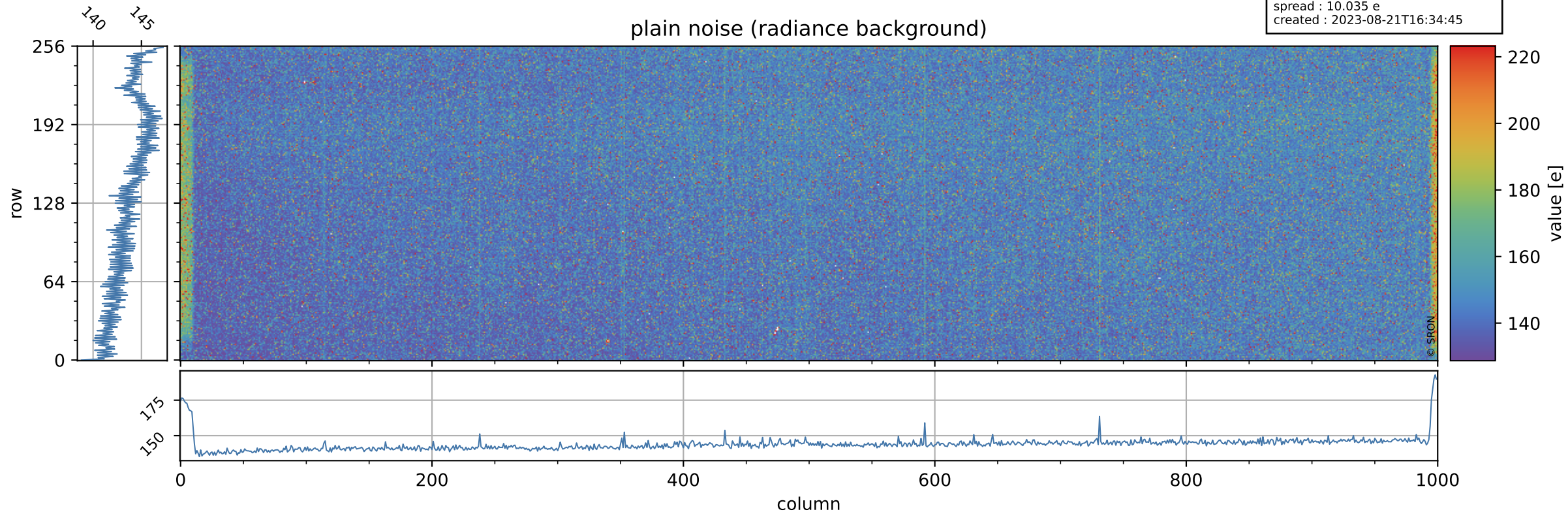
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 10.035 e
created : 2023-08-21T16:34:45

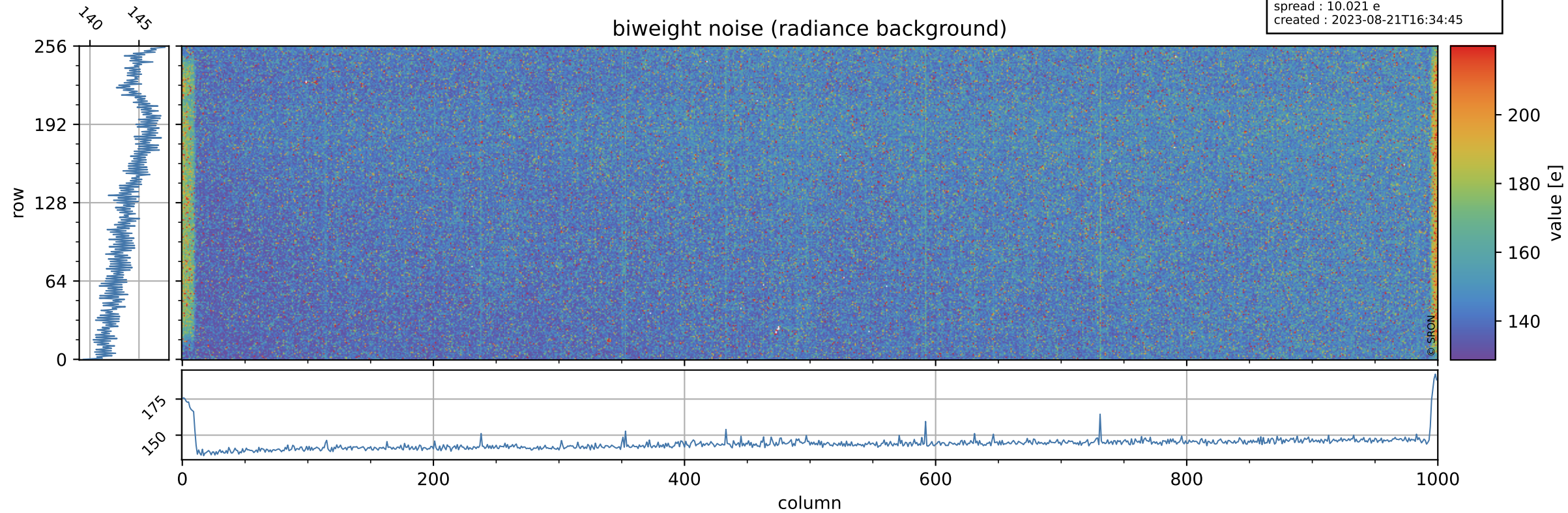
plain noise (radiance background)



Tropomi SWIR background noise (swir)

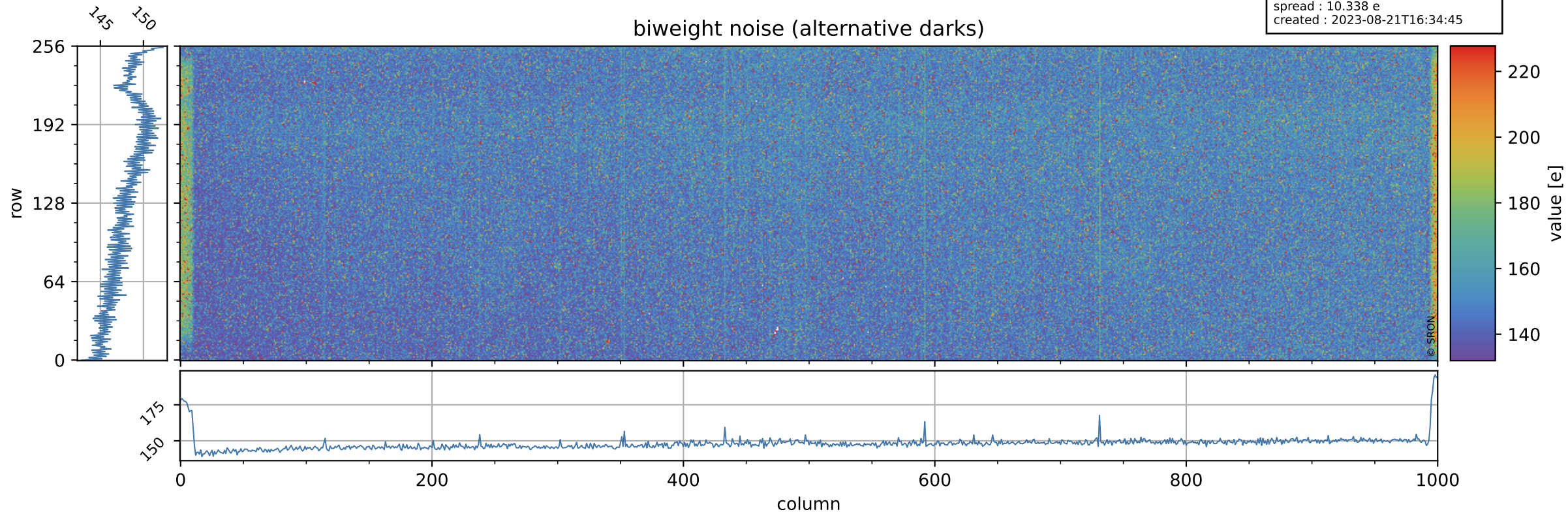
orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 10.021 e
created : 2023-08-21T16:34:45

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

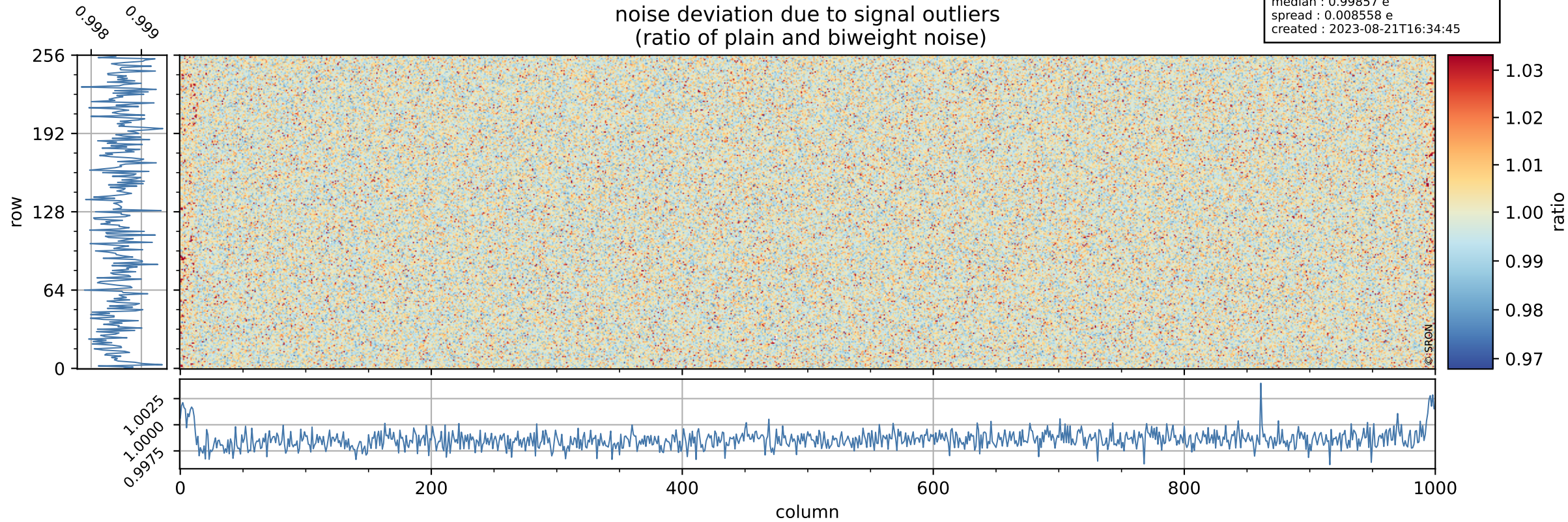
orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.338 e
created : 2023-08-21T16:34:45



Tropomi SWIR background noise (swir)

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

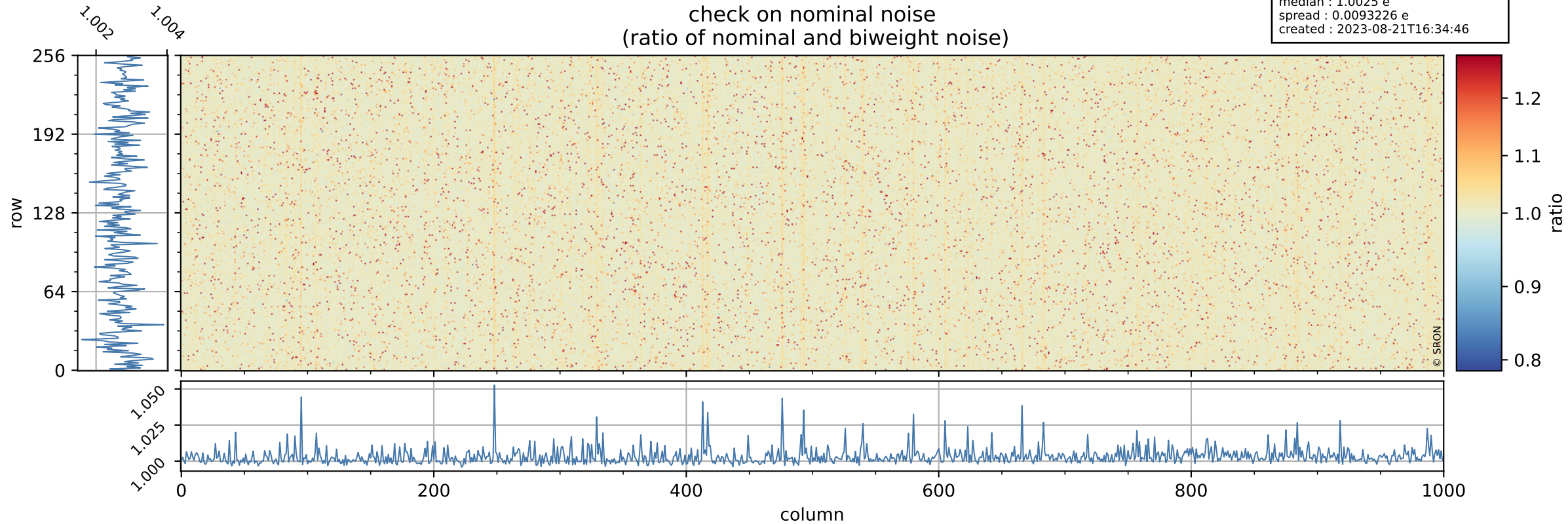
orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
median : 0.99857 e
spread : 0.008558 e
created : 2023-08-21T16:34:45



Tropomi SWIR background noise (swir)

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

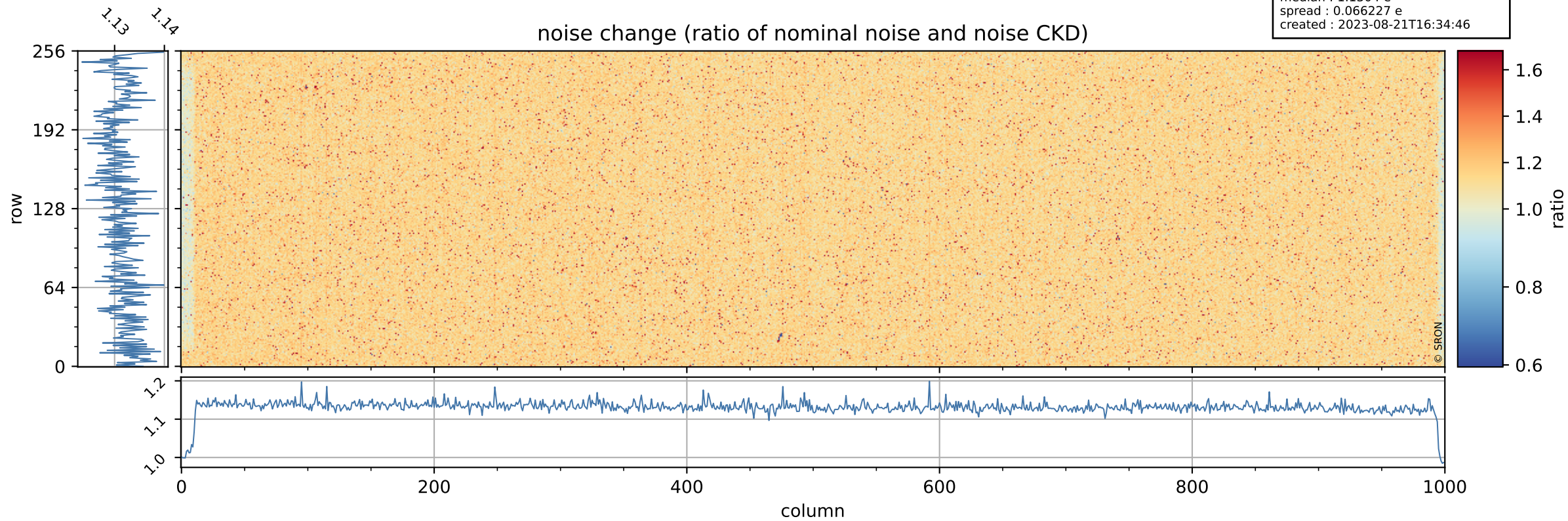
orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
median : 1.0025 e
spread : 0.0093226 e
created : 2023-08-21T16:34:46



Tropomi SWIR background noise (swir)

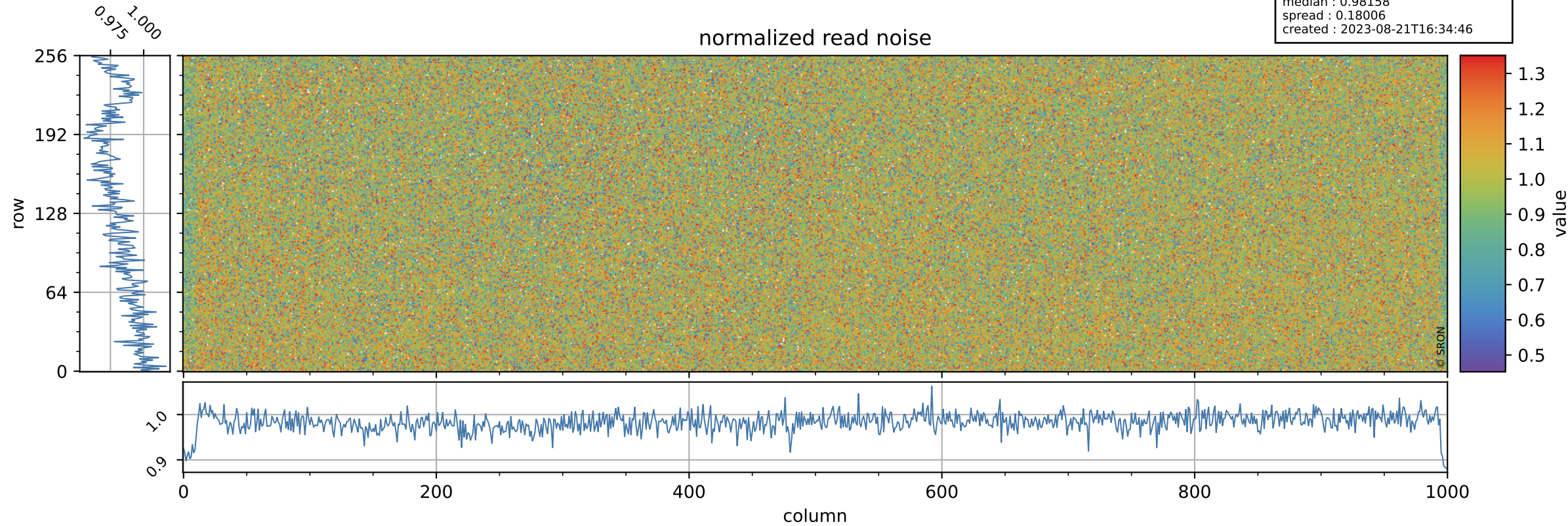
orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
median : 1.1304 e
spread : 0.066227 e
created : 2023-08-21T16:34:46

noise change (ratio of nominal noise and noise CKD)



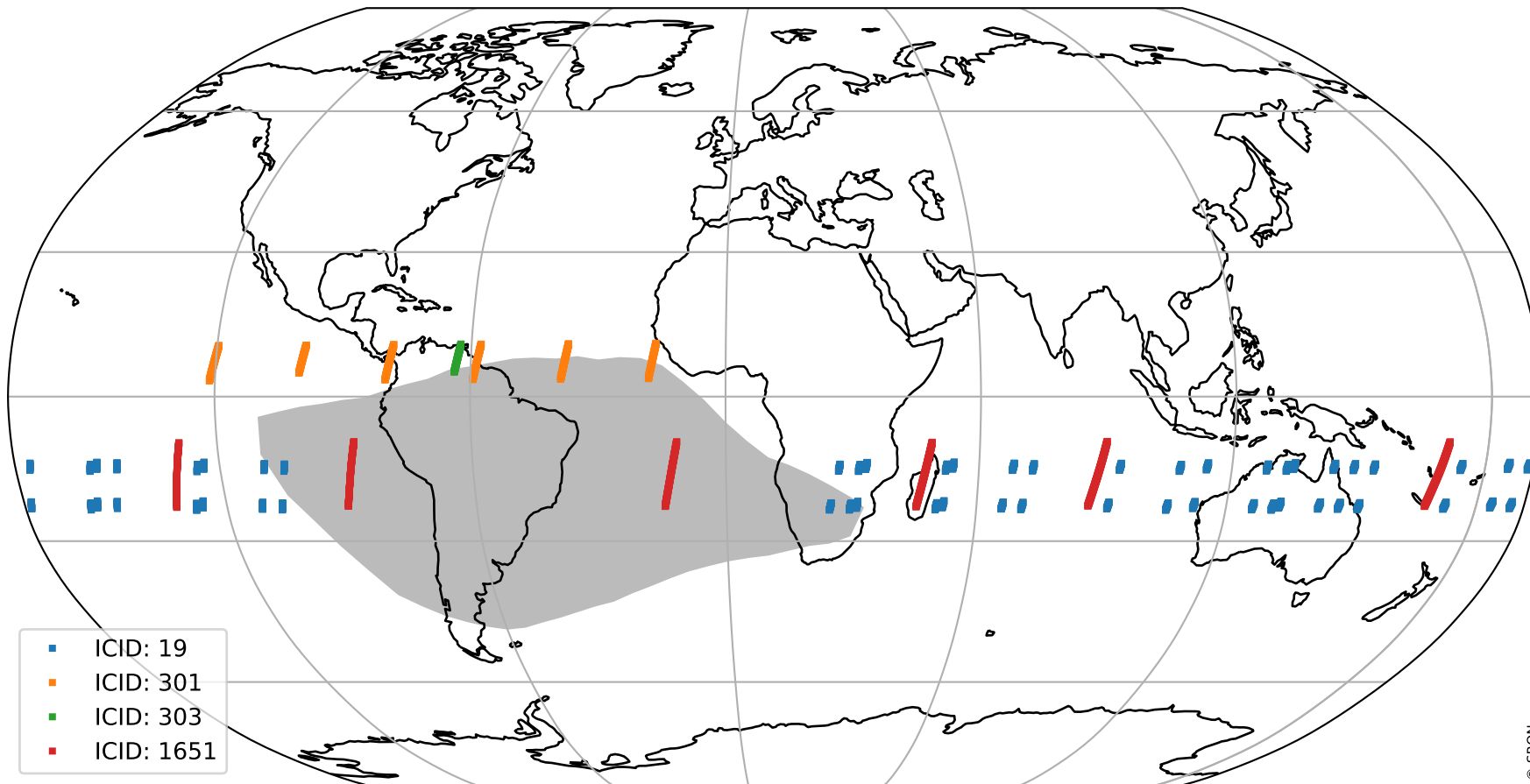
Tropomi SWIR background noise (swir)

orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
median : 0.98158
spread : 0.18006
created : 2023-08-21T16:34:46



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

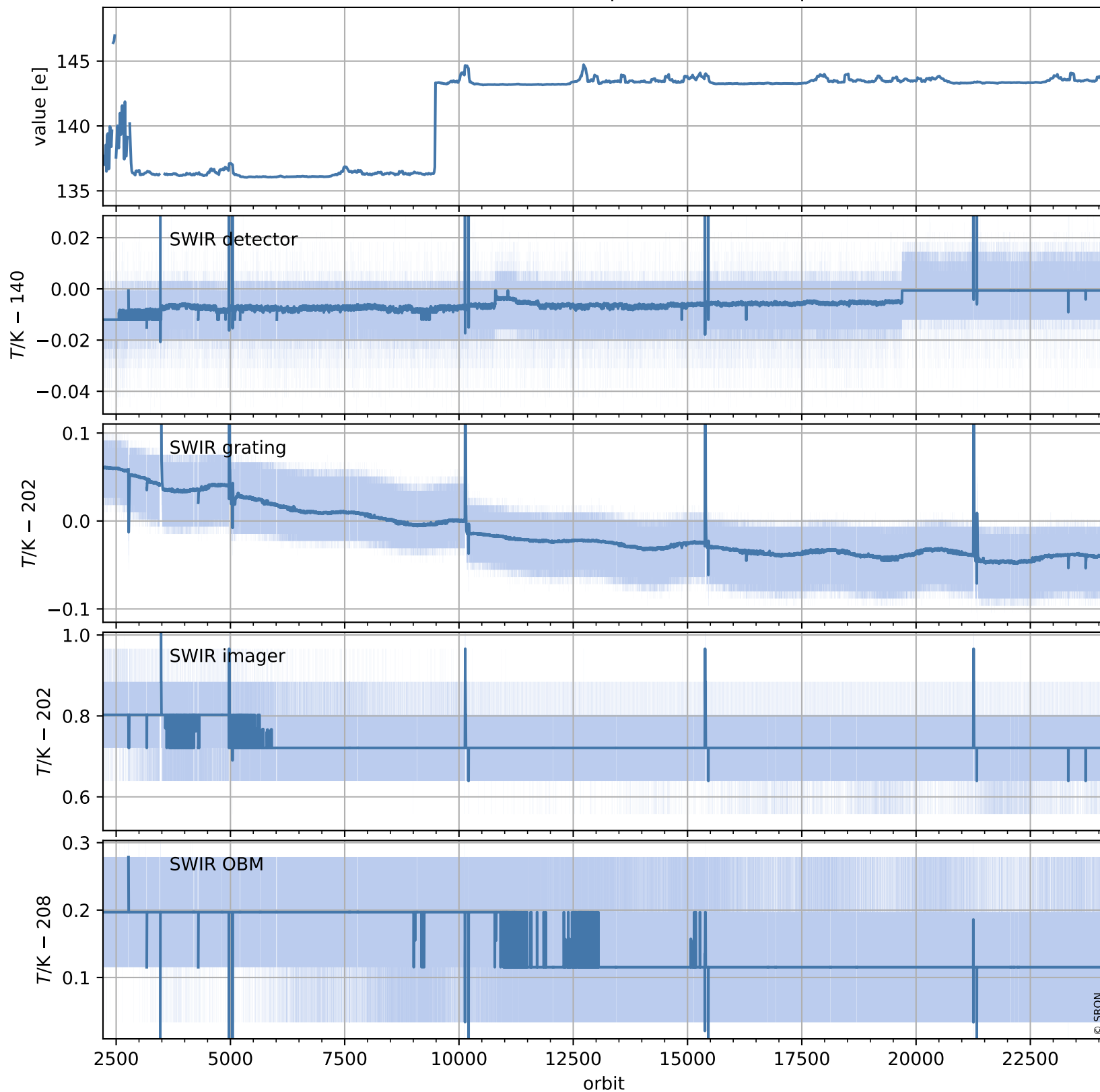
orbits : 13 in [24052, 24127]
coverage : 2022-06-04 / 2022-06-09
created : 2023-08-21T16:34:47



Tropomi SWIR background noise (swir)

orbits : [2212, 24127]
coverage : 2018-03-18 / 2022-06-09
created : 2023-08-21T16:34:47

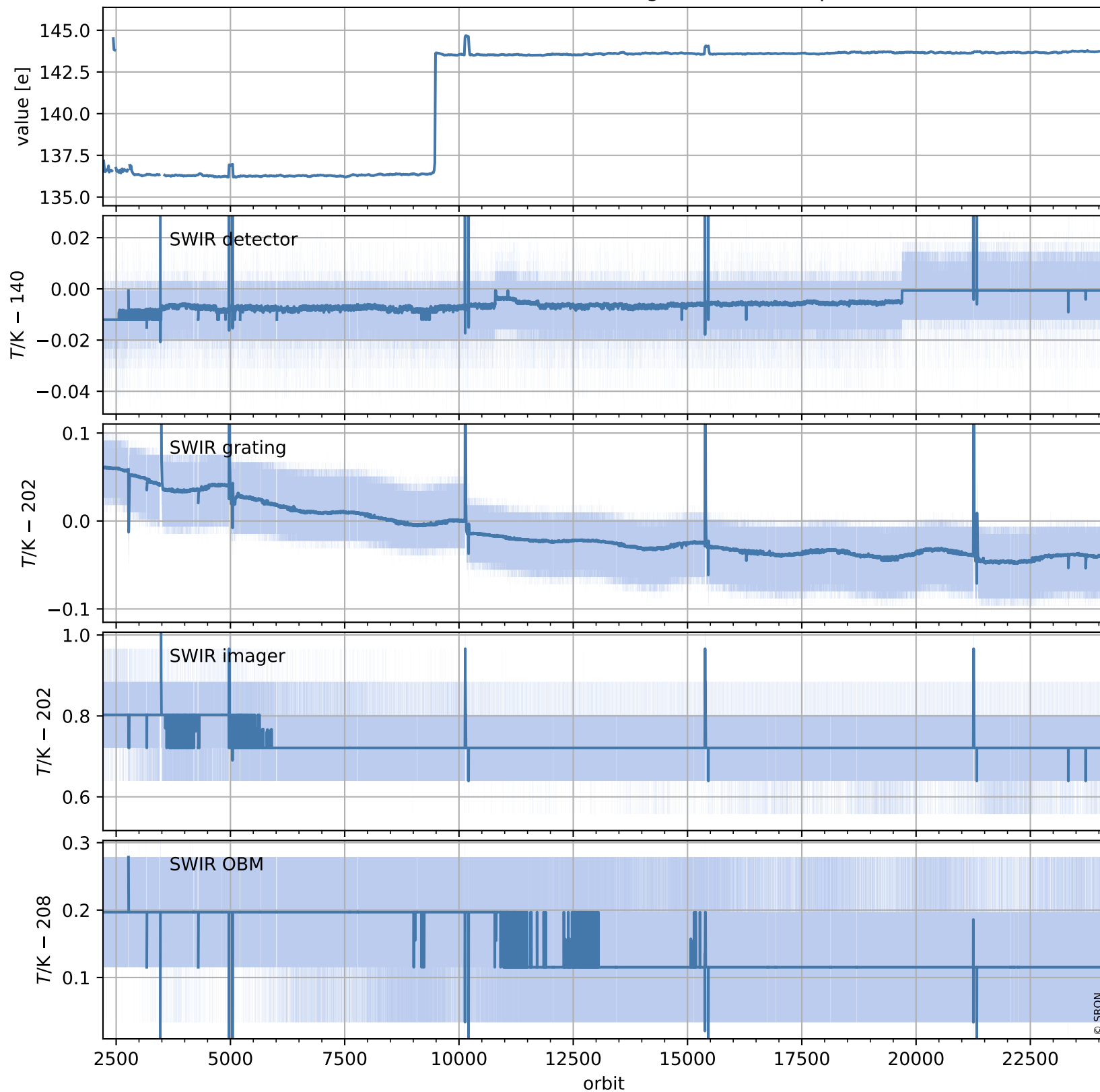
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24127]
coverage : 2018-03-18 / 2022-06-09
created : 2023-08-21T16:34:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24127]
coverage : 2018-03-18 / 2022-06-09
created : 2023-08-21T16:34:49

trend of normalized read-noise & temperatures

