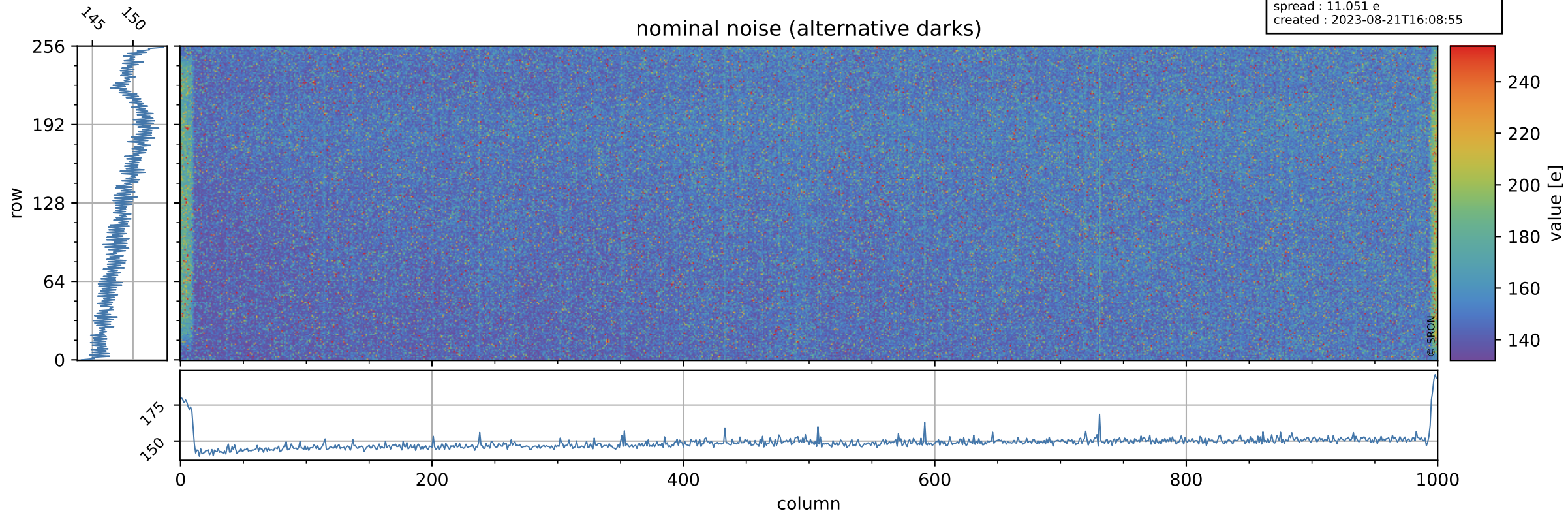


Tropomi SWIR background noise (swir)

orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 11.051 e
created : 2023-08-21T16:08:55

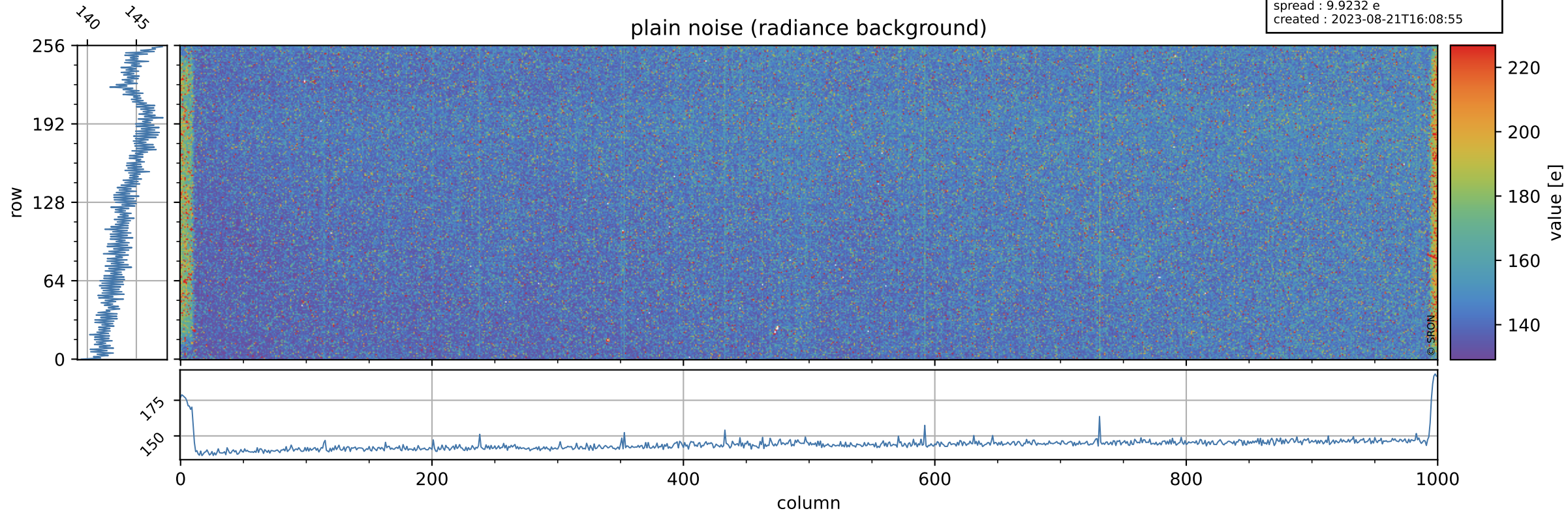
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9232 e
created : 2023-08-21T16:08:55

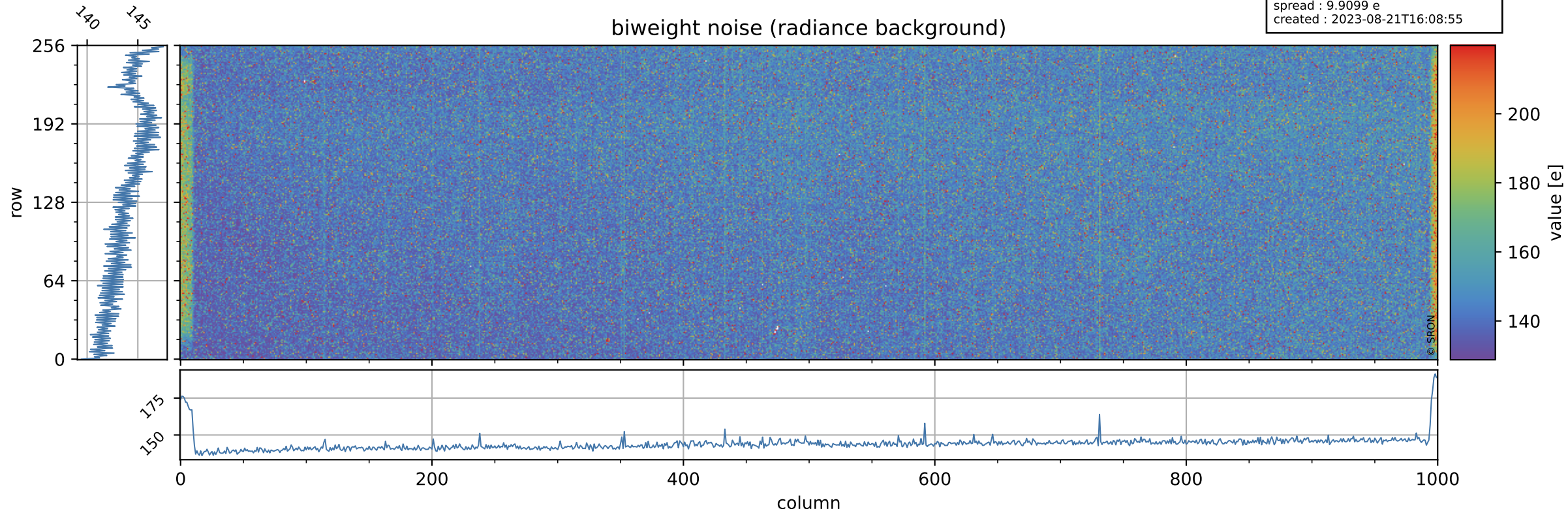
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9099 e
created : 2023-08-21T16:08:55

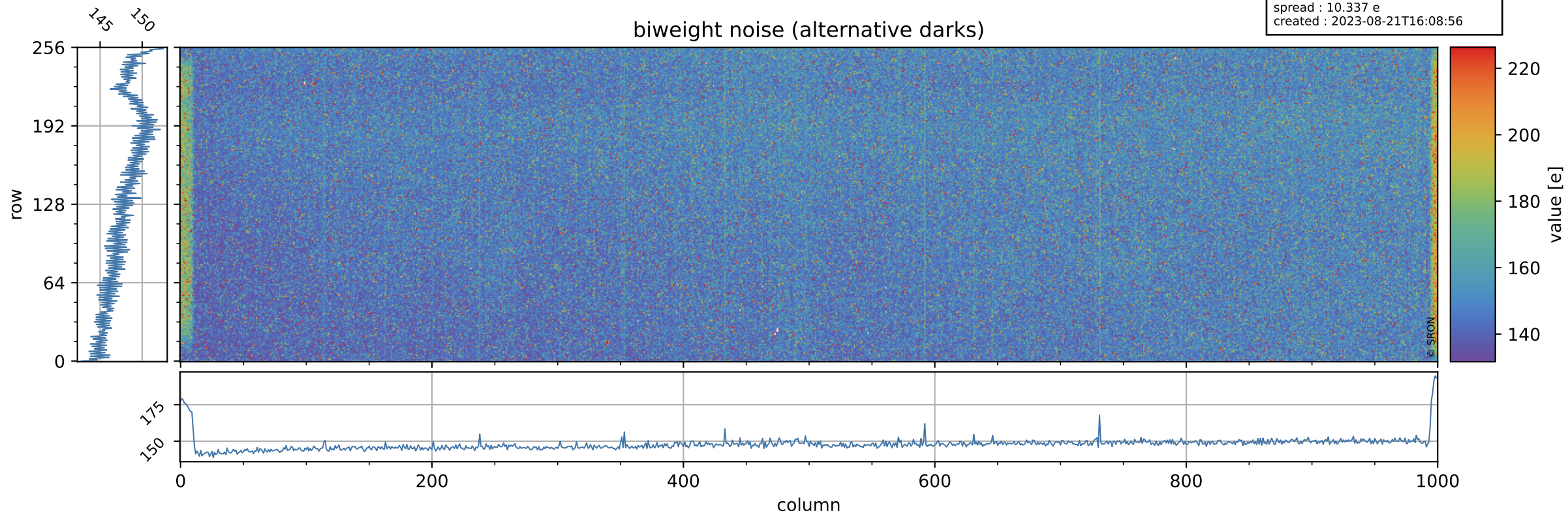
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.337 e
created : 2023-08-21T16:08:56

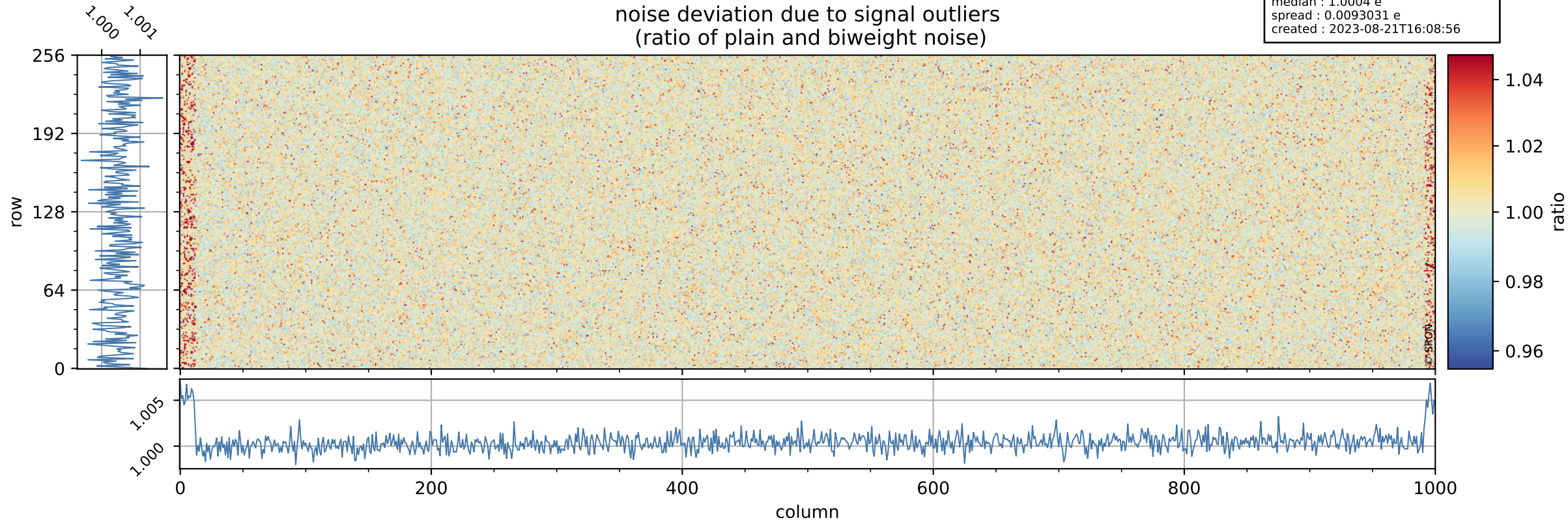
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

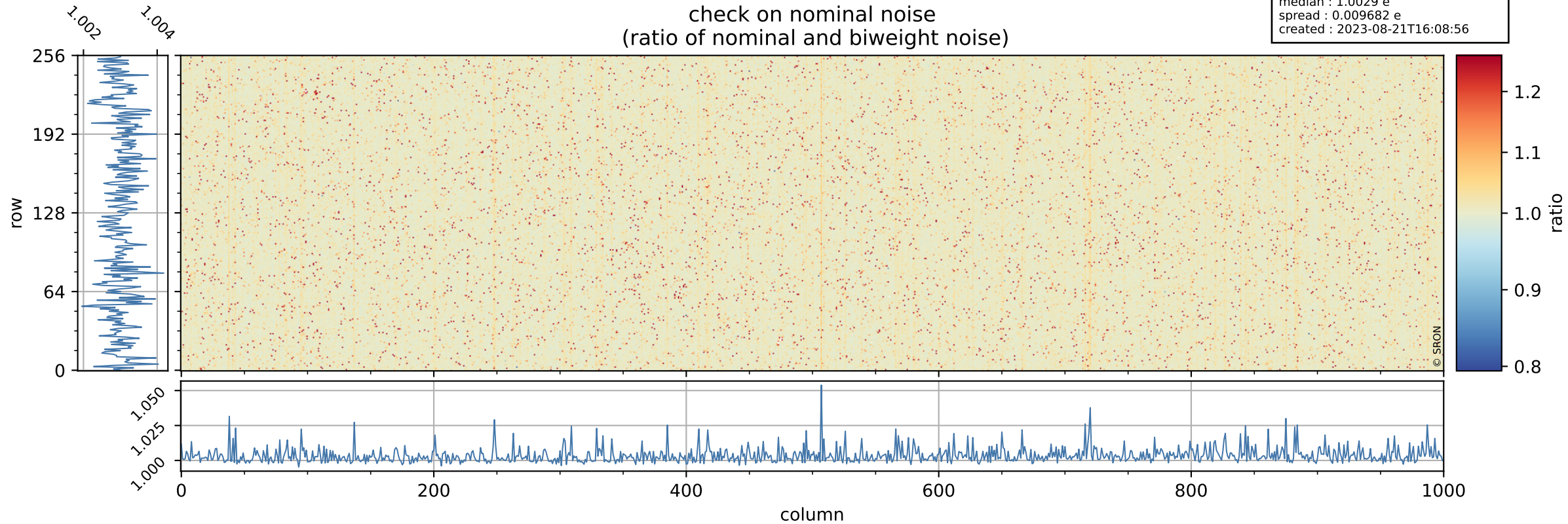
orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
median : 1.0004 e
spread : 0.0093031 e
created : 2023-08-21T16:08:56



Tropomi SWIR background noise (swir)

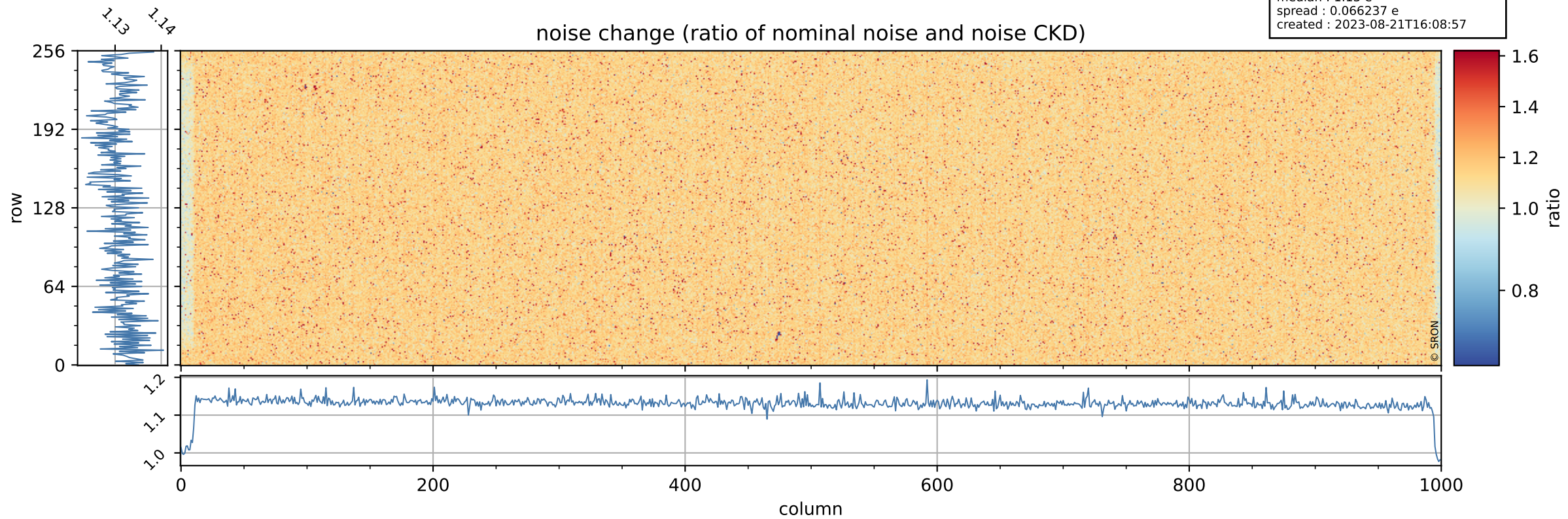
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
median : 1.0029 e
spread : 0.009682 e
created : 2023-08-21T16:08:56



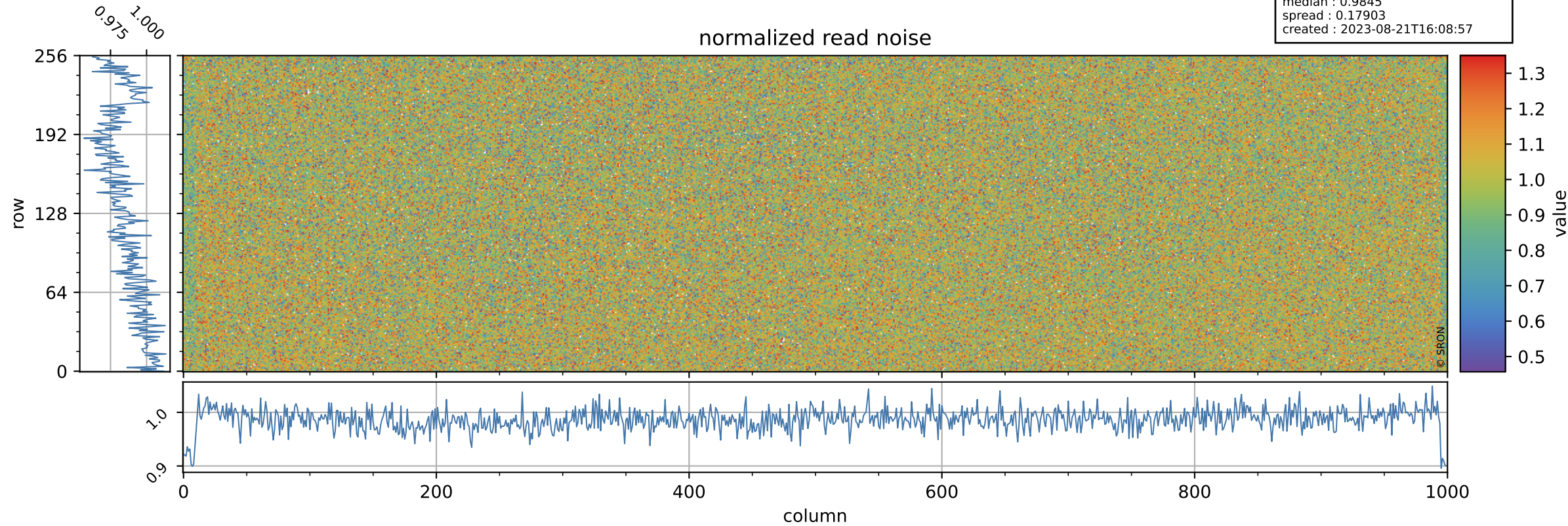
Tropomi SWIR background noise (swir)

orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
median : 1.13 e
spread : 0.066237 e
created : 2023-08-21T16:08:57



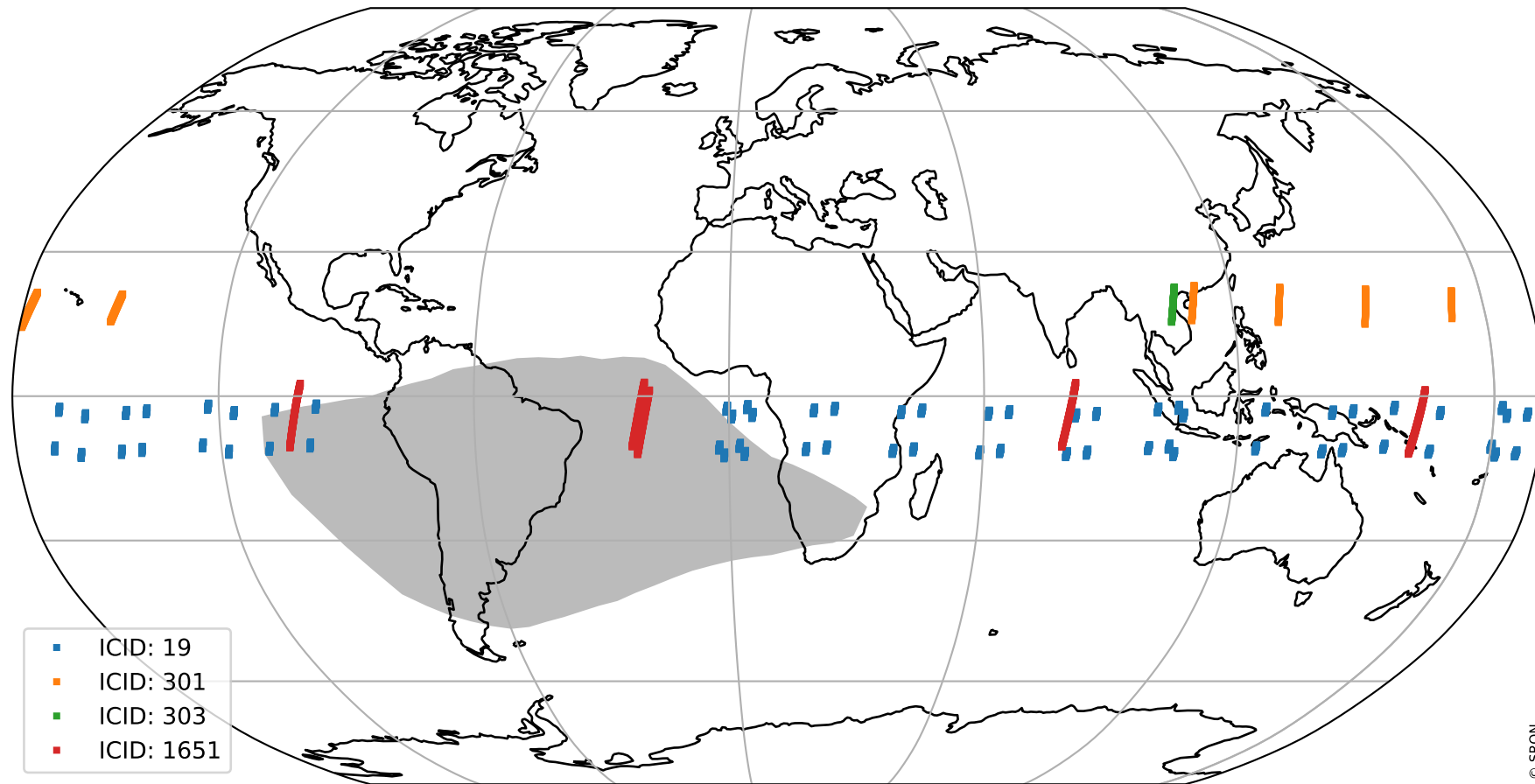
Tropomi SWIR background noise (swir)

orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
median : 0.9845
spread : 0.17903
created : 2023-08-21T16:08:57



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

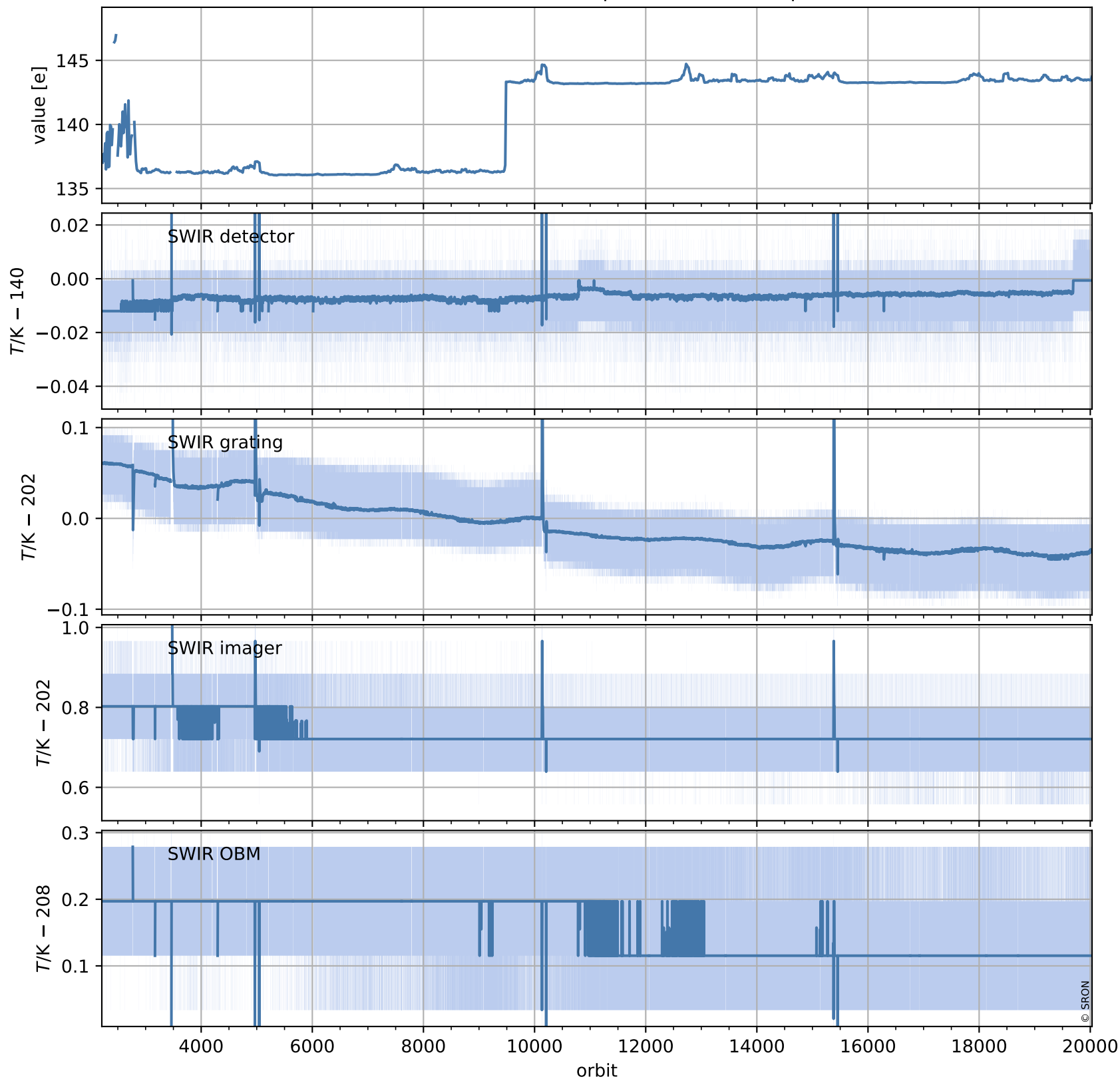
orbits : 12 in [19942, 20032]
coverage : 2021-08-19 / 2021-08-25
created : 2023-08-21T16:08:57



Tropomi SWIR background noise (swir)

orbits : [2212, 20032]
coverage : 2018-03-18 / 2021-08-25
created : 2023-08-21T16:08:58

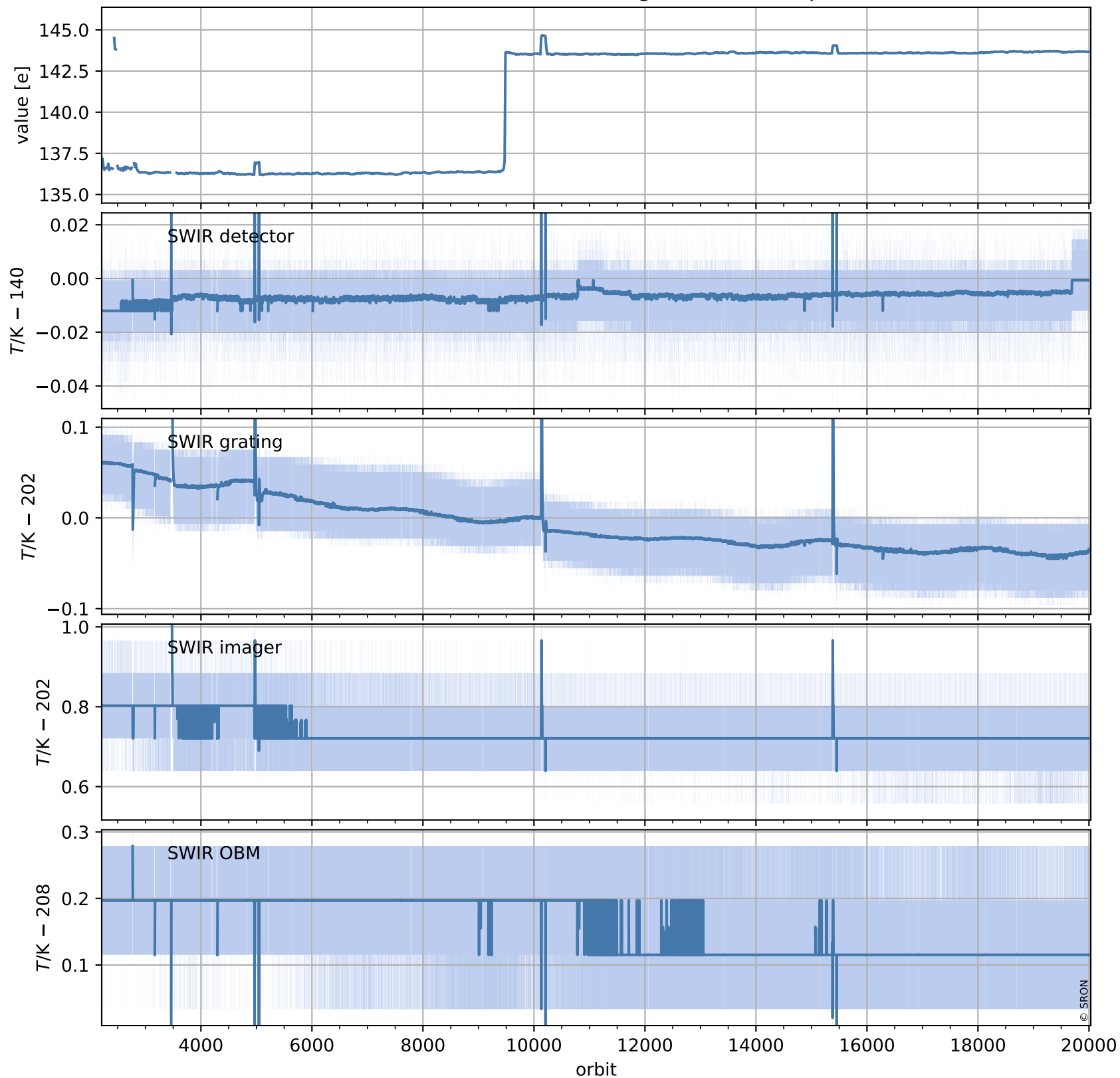
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20032]
coverage : 2018-03-18 / 2021-08-25
created : 2023-08-21T16:08:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20032]
coverage : 2018-03-18 / 2021-08-25
created : 2023-08-21T16:08:59

trend of normalized read-noise & temperatures

