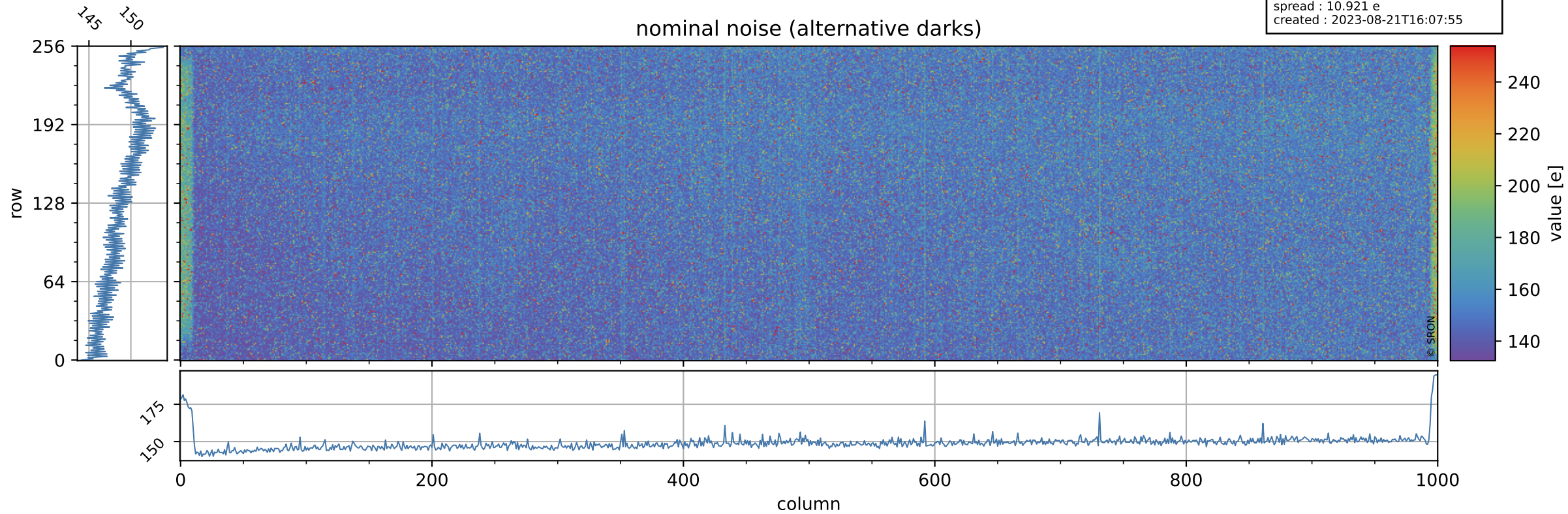


Tropomi SWIR background noise (swir)

orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.921 e
created : 2023-08-21T16:07:55

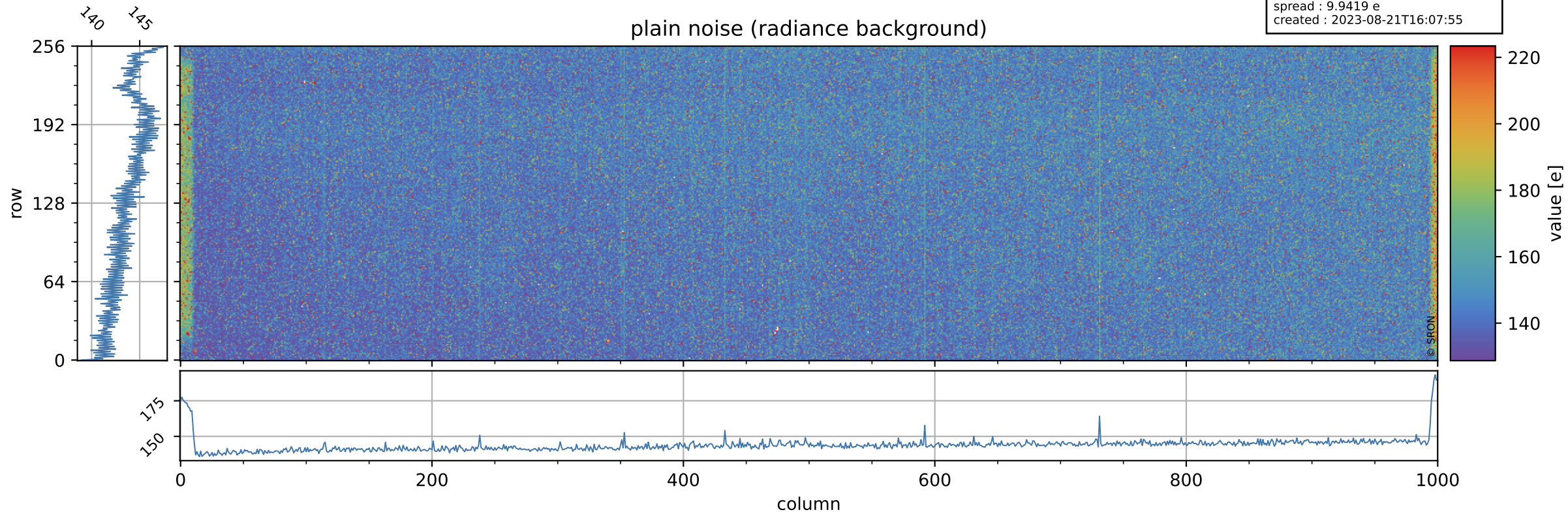
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9419 e
created : 2023-08-21T16:07:55

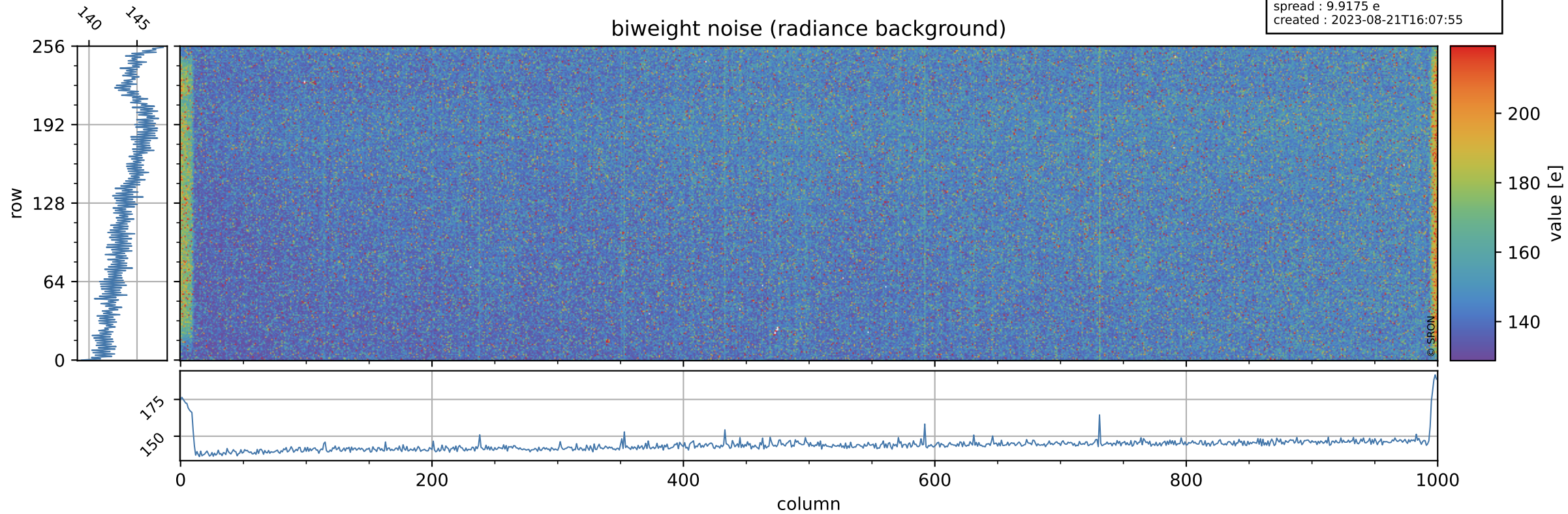
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9175 e
created : 2023-08-21T16:07:55

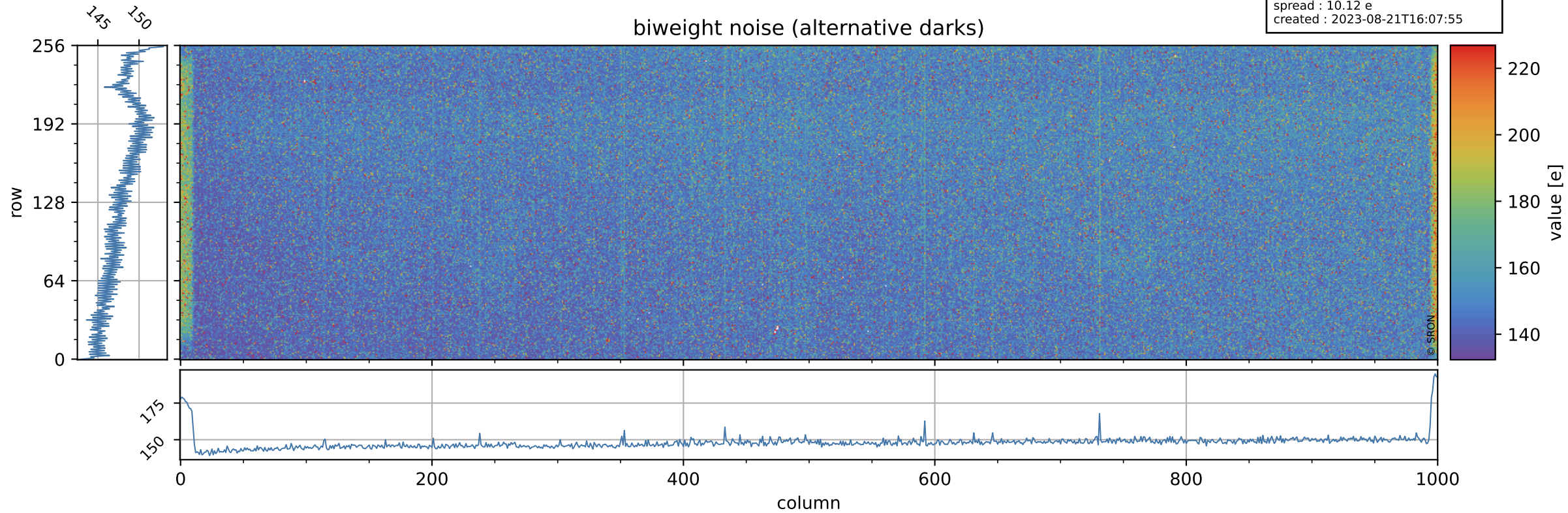
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.12 e
created : 2023-08-21T16:07:55

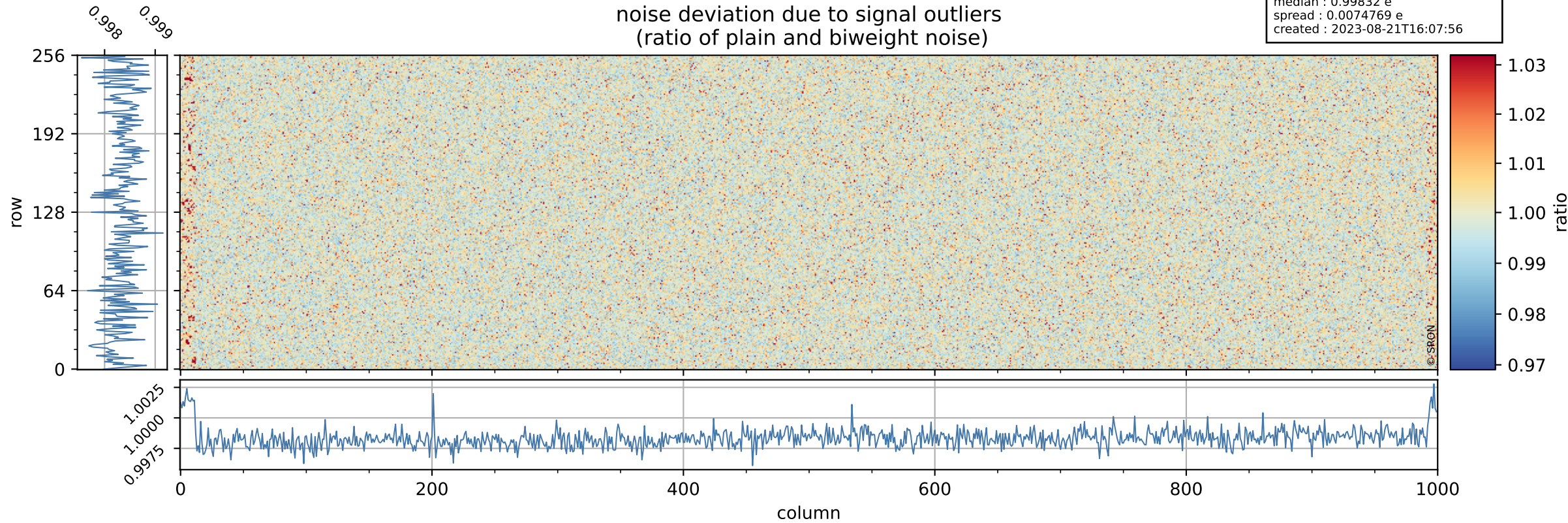
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

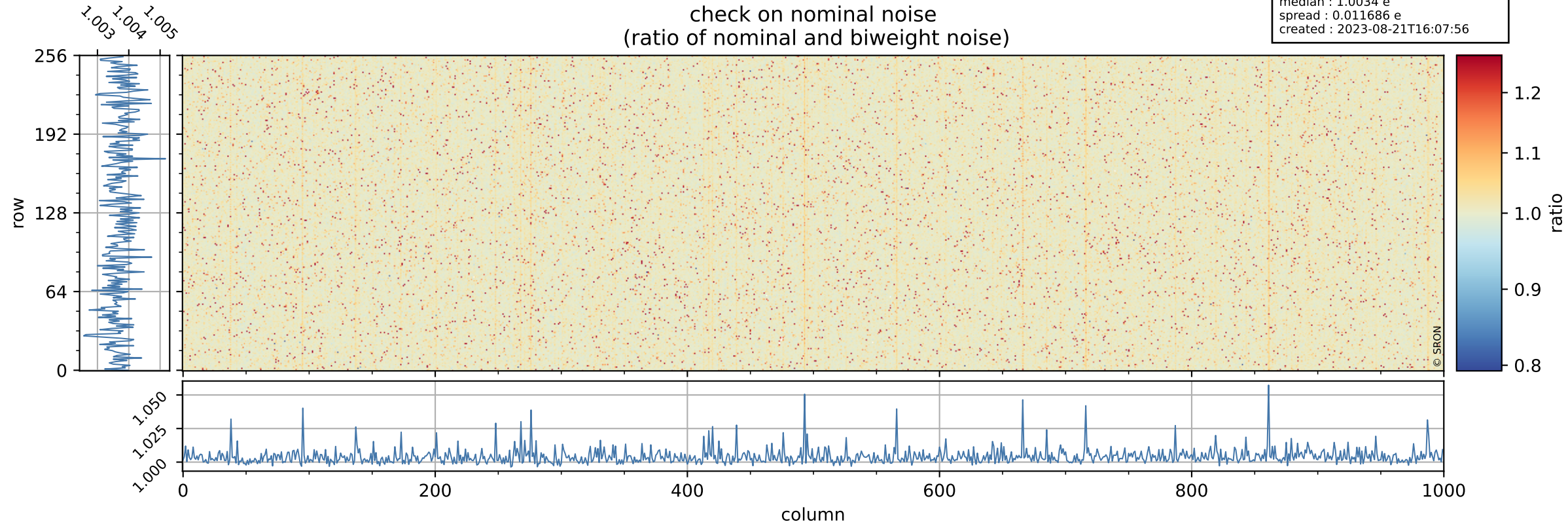
orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
median : 0.99832 e
spread : 0.0074769 e
created : 2023-08-21T16:07:56



Tropomi SWIR background noise (swir)

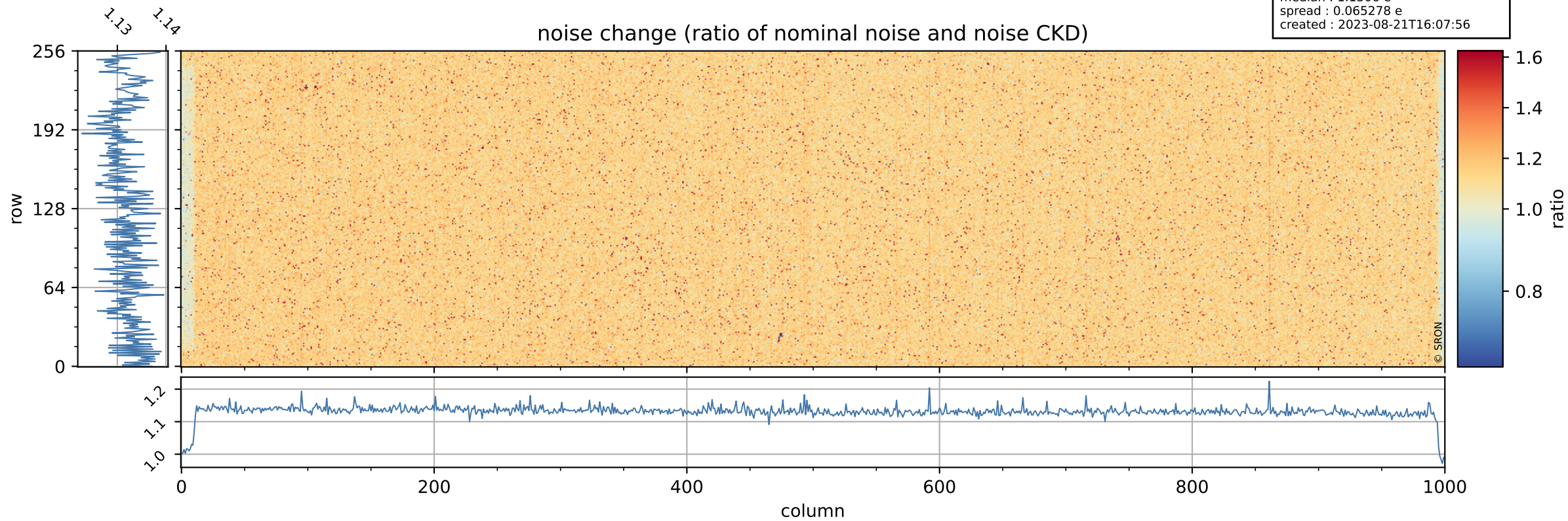
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
median : 1.0034 e
spread : 0.011686 e
created : 2023-08-21T16:07:56



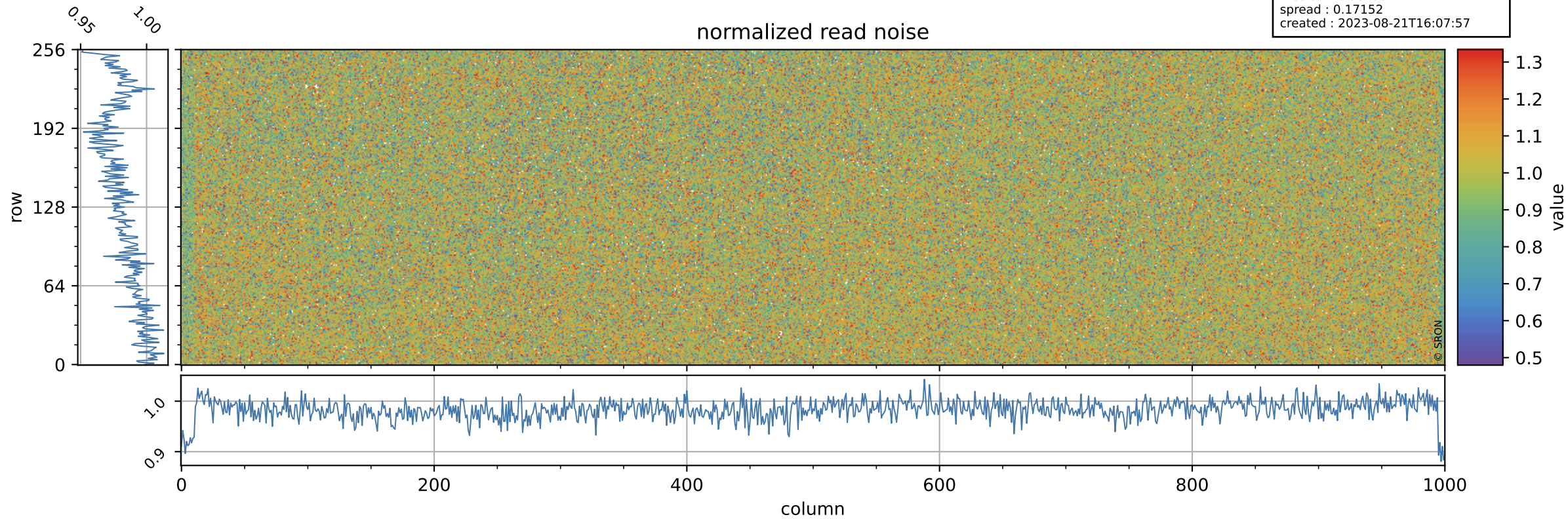
Tropomi SWIR background noise (swir)

orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
median : 1.1306 e
spread : 0.065278 e
created : 2023-08-21T16:07:56



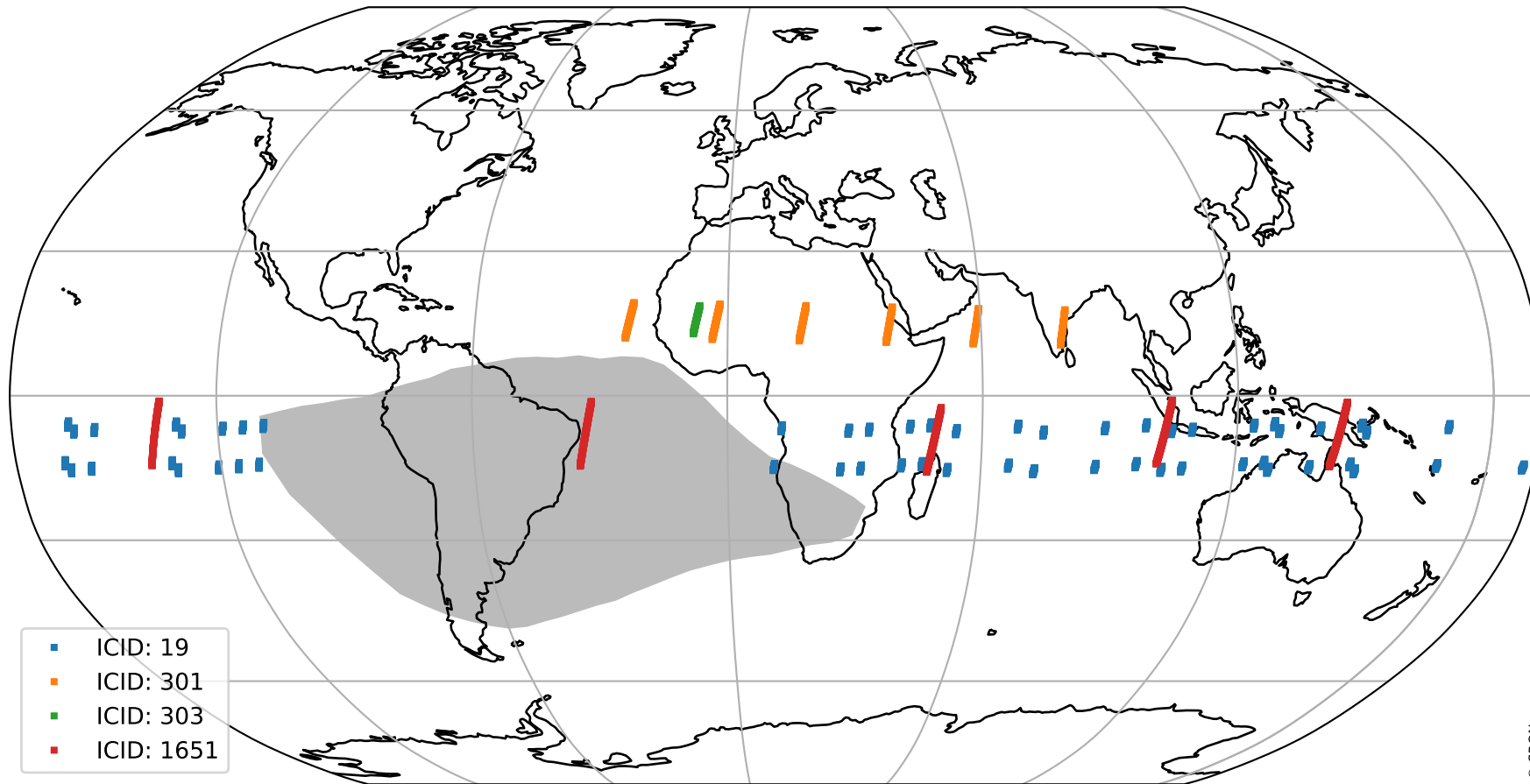
Tropomi SWIR background noise (swir)

orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
median : 0.98195
spread : 0.17152
created : 2023-08-21T16:07:57



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

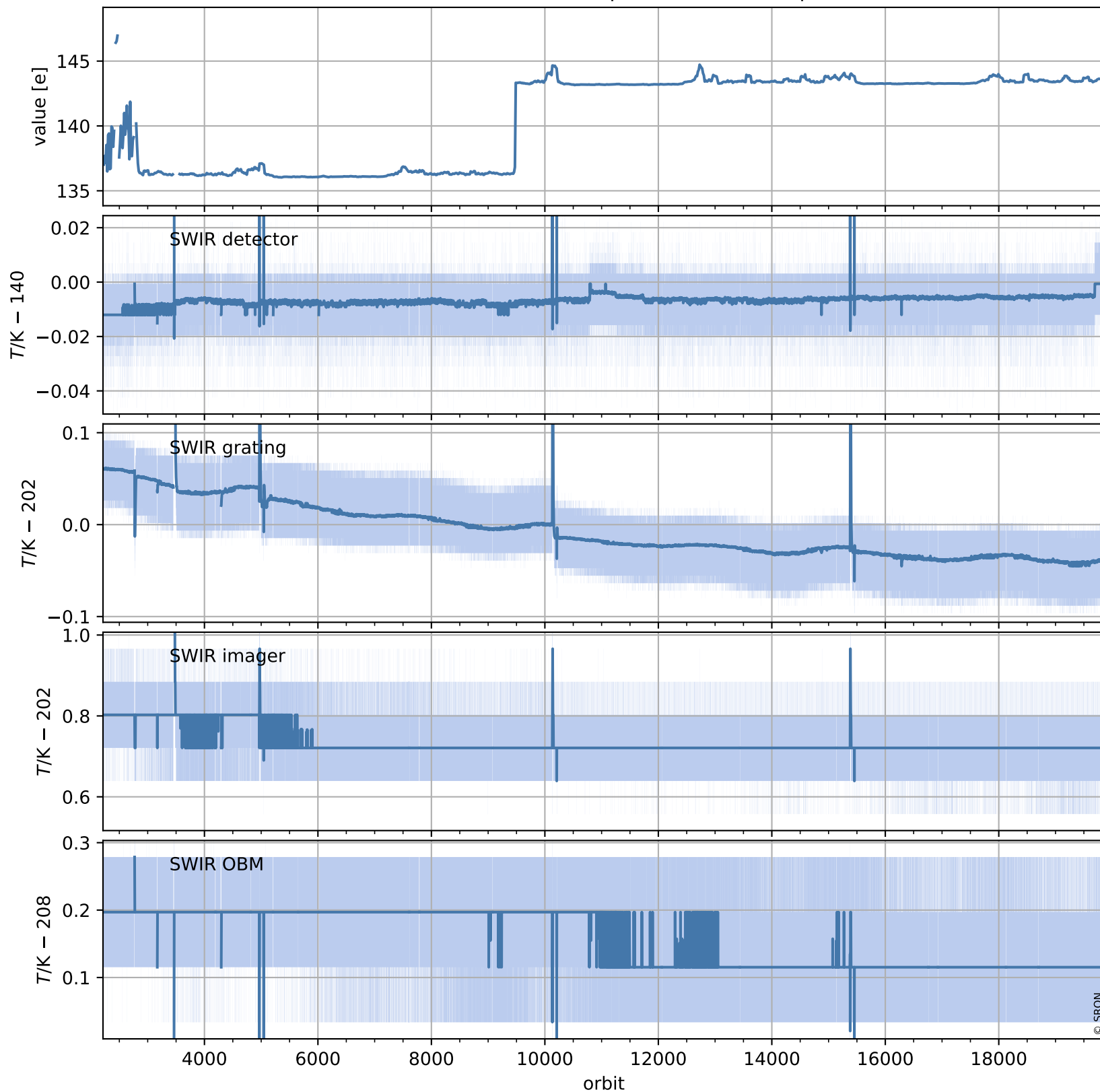
orbits : 12 in [19777, 19867]
coverage : 2021-08-07 / 2021-08-13
created : 2023-08-21T16:07:57



Tropomi SWIR background noise (swir)

orbits : [2212, 19867]
coverage : 2018-03-18 / 2021-08-13
created : 2023-08-21T16:07:57

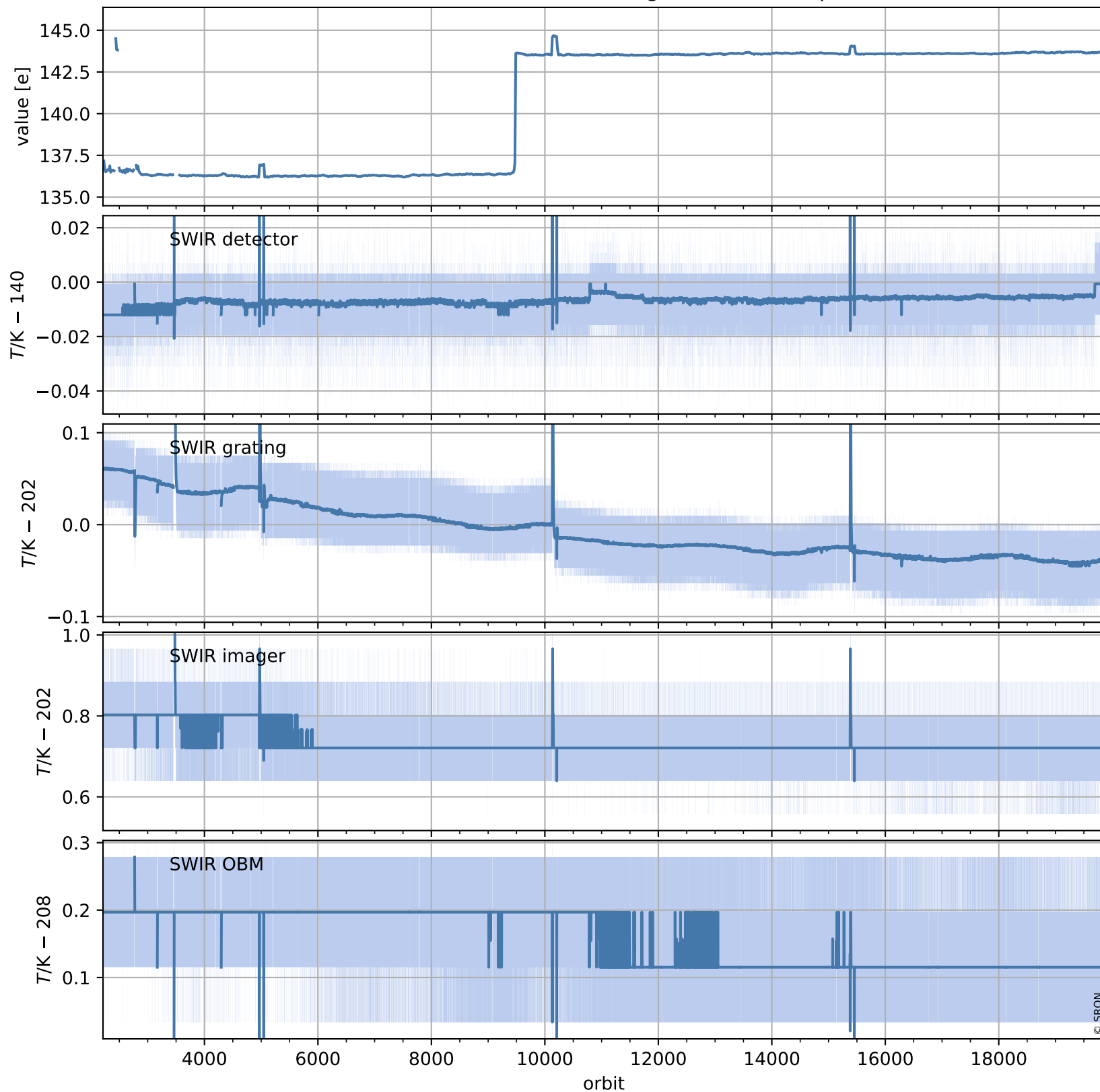
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19867]
coverage : 2018-03-18 / 2021-08-13
created : 2023-08-21T16:07:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19867]
coverage : 2018-03-18 / 2021-08-13
created : 2023-08-21T16:07:59

trend of normalized read-noise & temperatures

