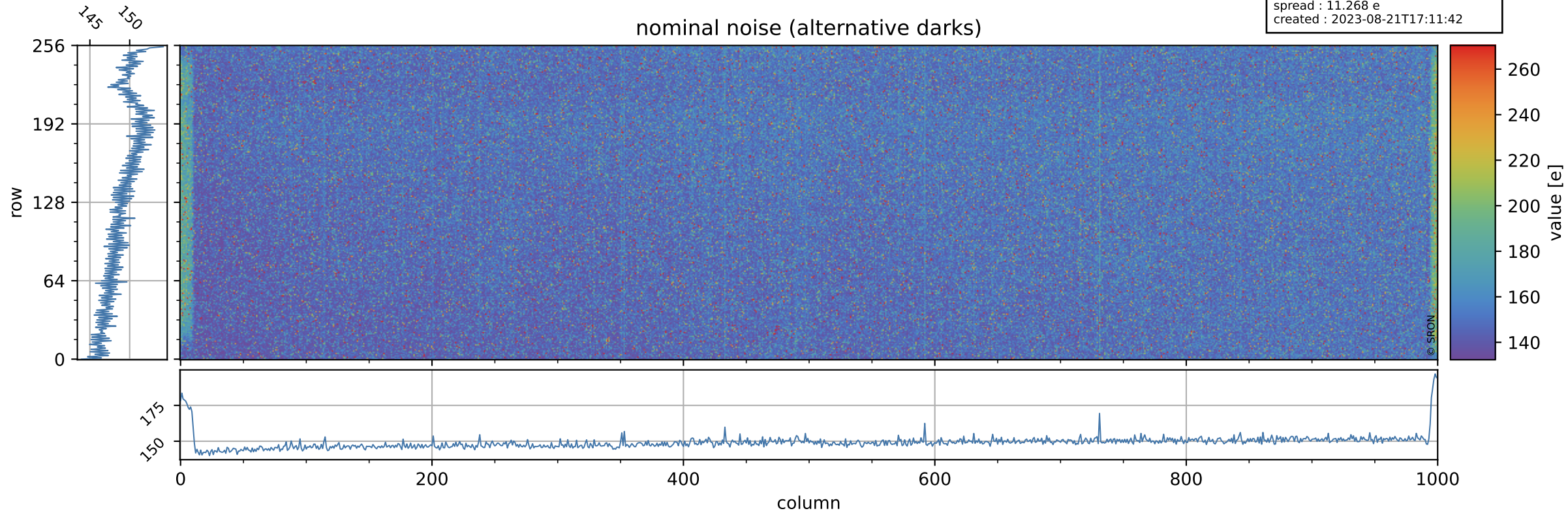


Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
n_coad, t_exp : 1, 1.0783
median : 149 e
spread : 11.268 e
created : 2023-08-21T17:11:42

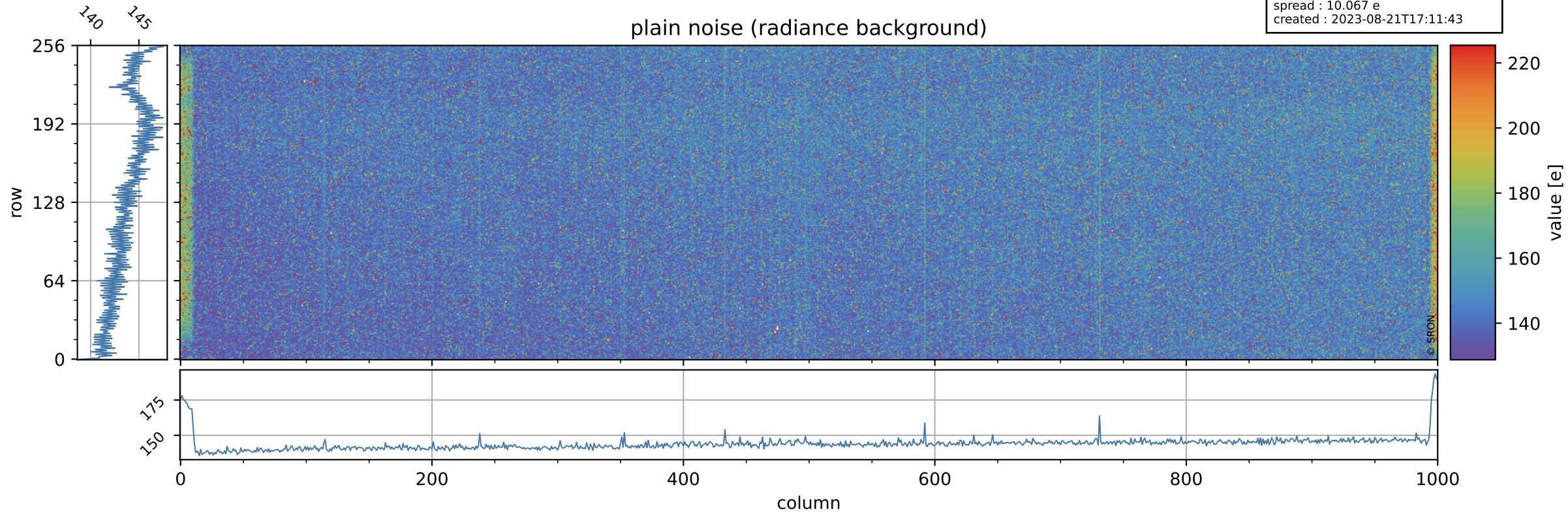
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 10.067 e
created : 2023-08-21T17:11:43

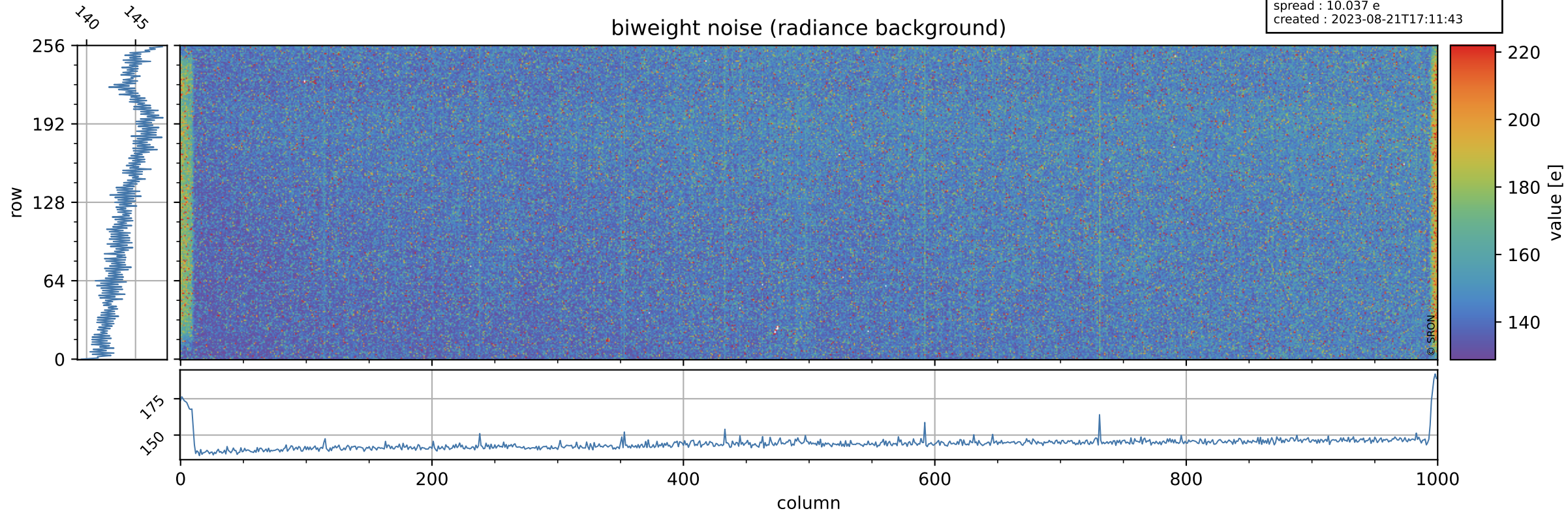
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 10.037 e
created : 2023-08-21T17:11:43

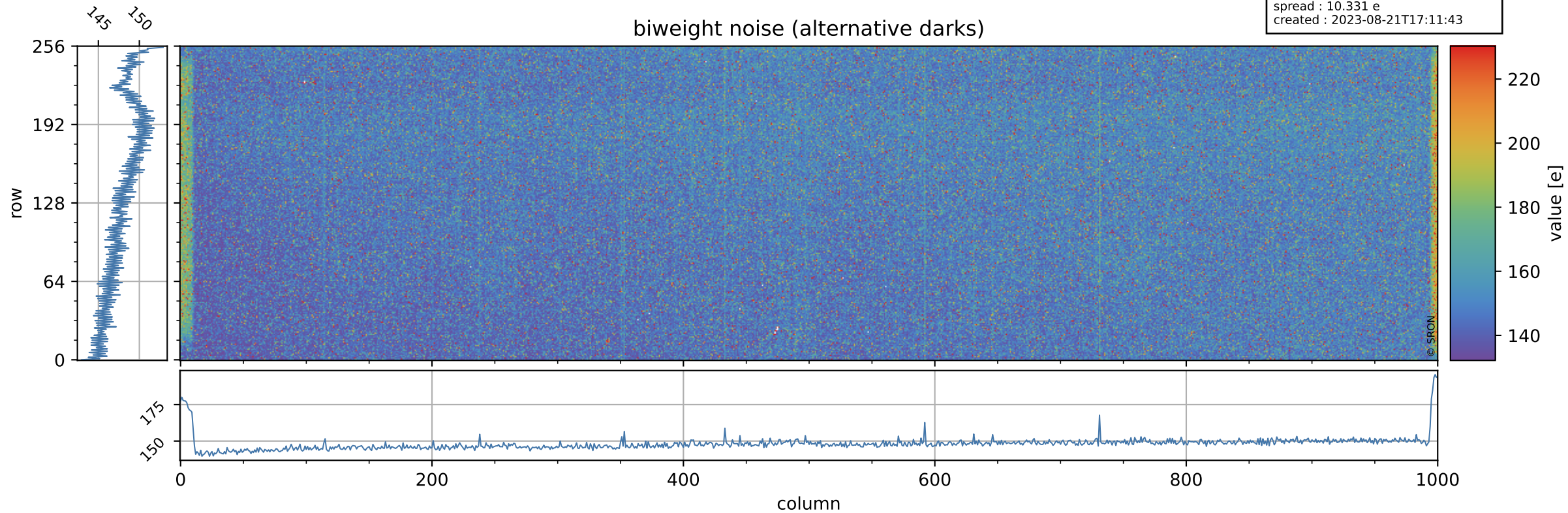
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
n_coad, t_exp : 1, 1.0783
median : 147.9 e
spread : 10.331 e
created : 2023-08-21T17:11:43

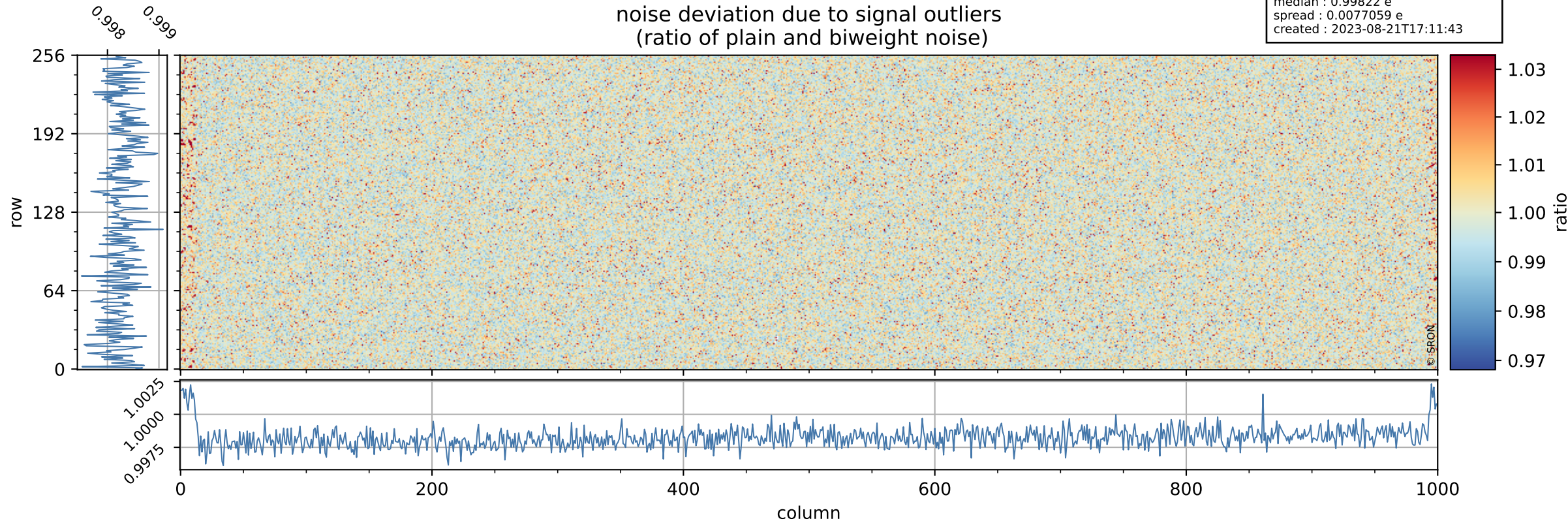
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

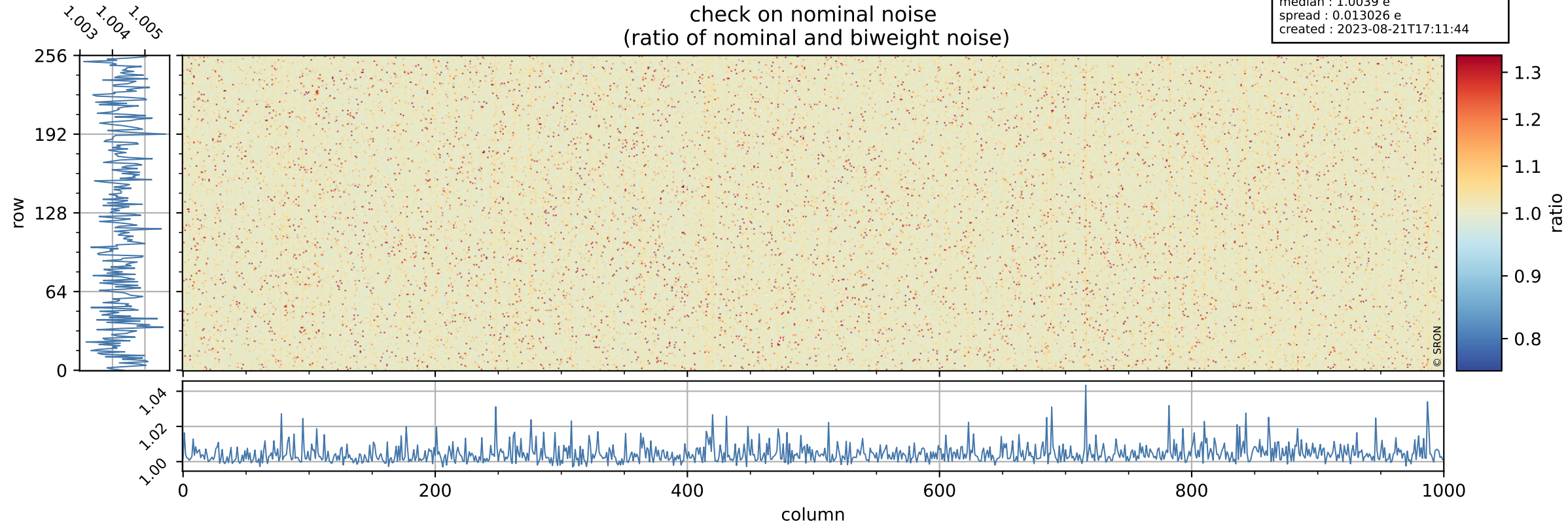
orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
median : 0.99822 e
spread : 0.0077059 e
created : 2023-08-21T17:11:43



Tropomi SWIR background noise (swir)

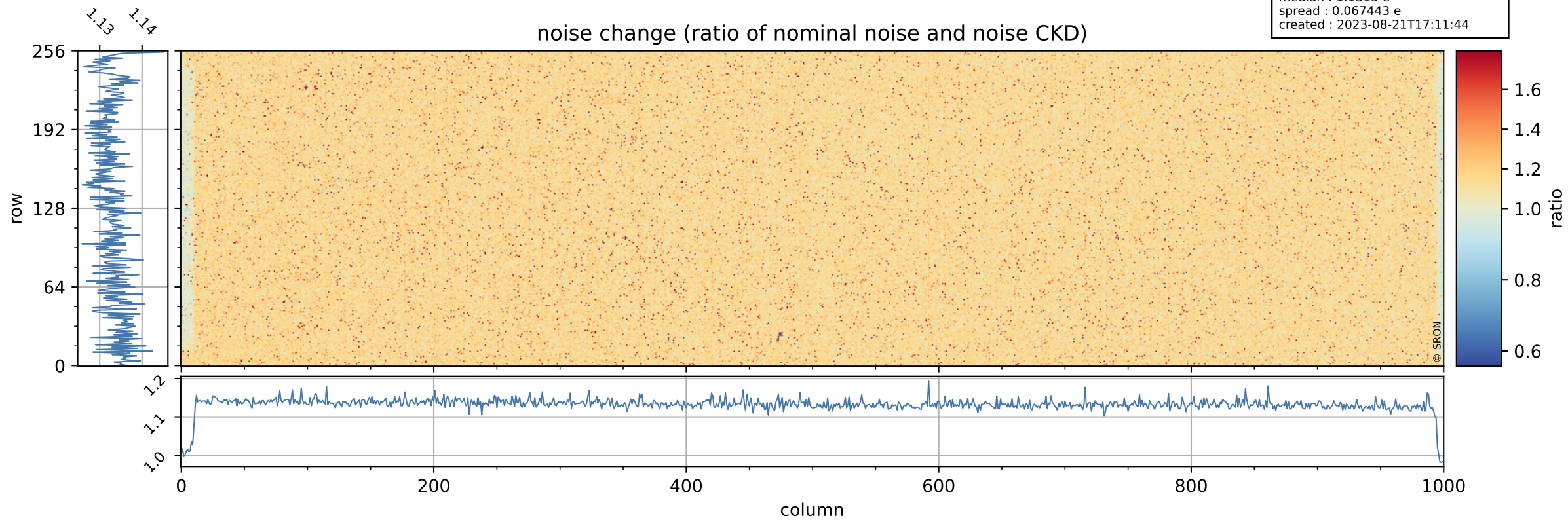
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
median : 1.0039 e
spread : 0.013026 e
created : 2023-08-21T17:11:44



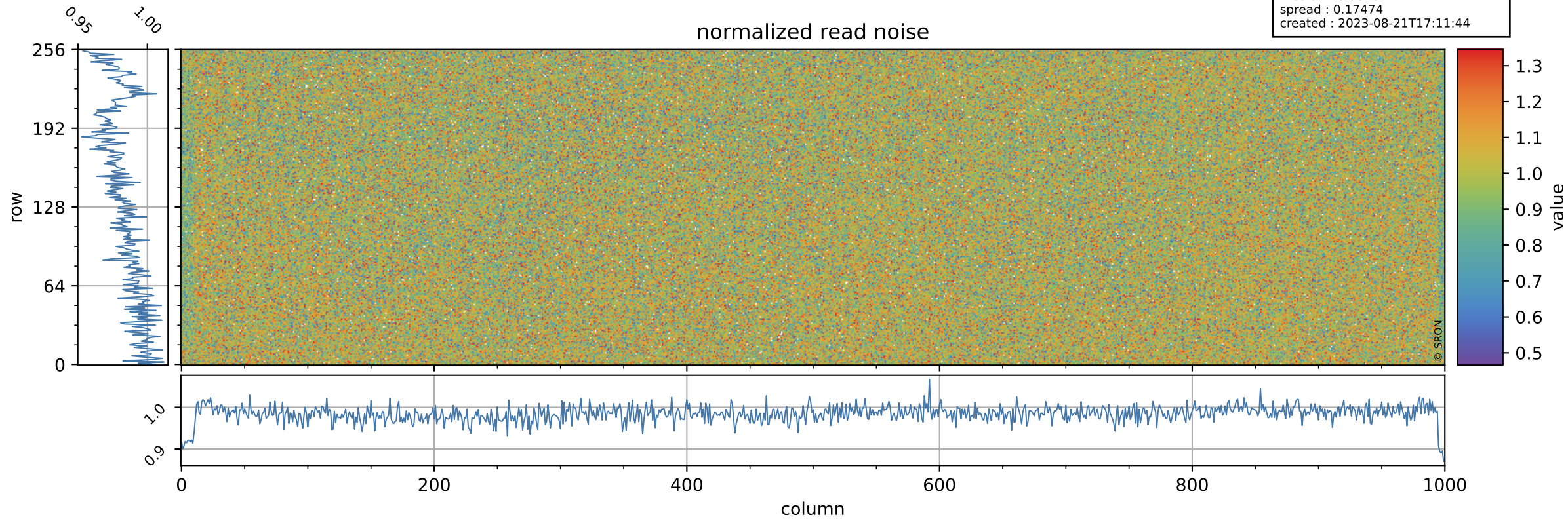
Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
median : 1.1315 e
spread : 0.067443 e
created : 2023-08-21T17:11:44



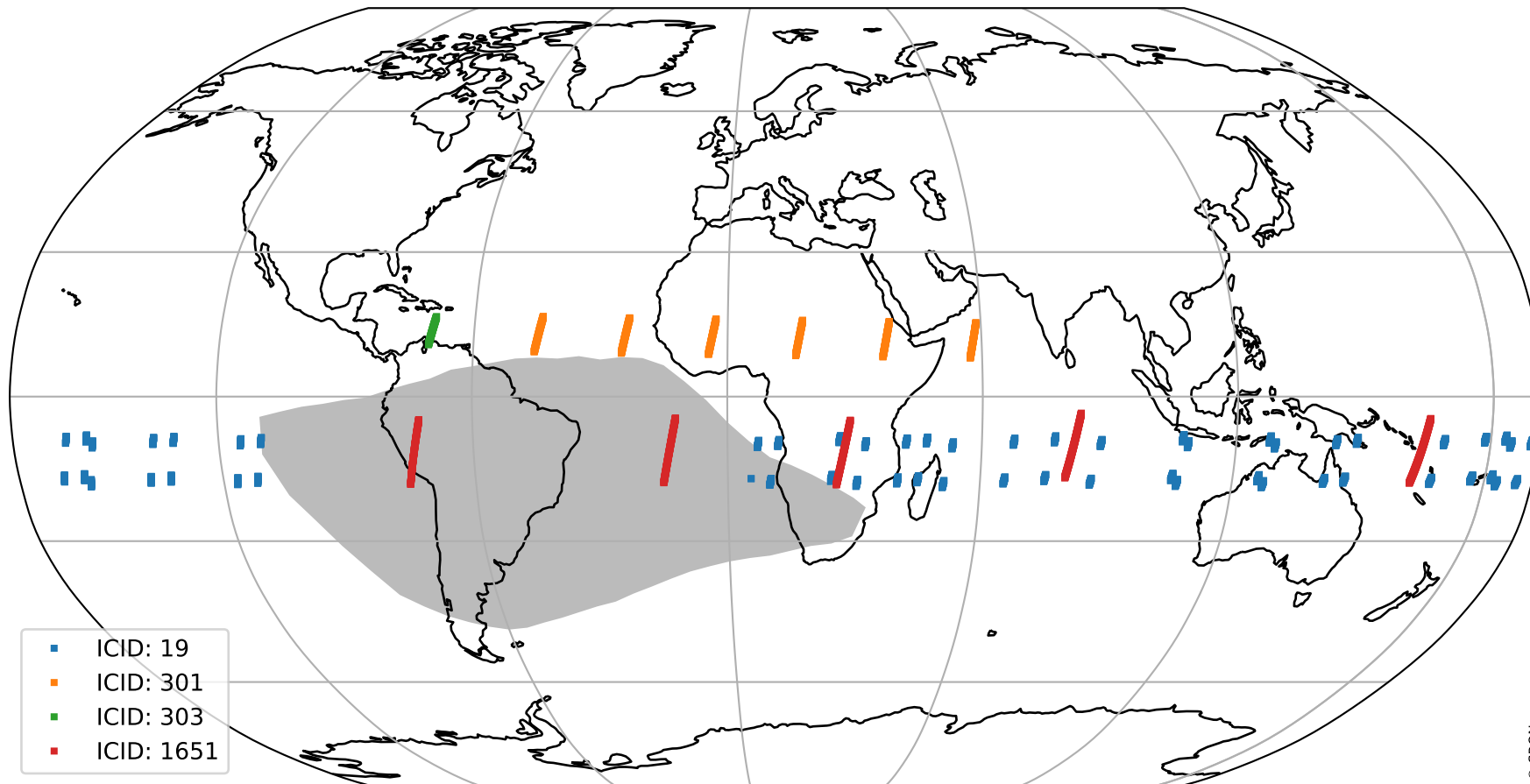
Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
median : 0.98231
spread : 0.17474
created : 2023-08-21T17:11:44



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

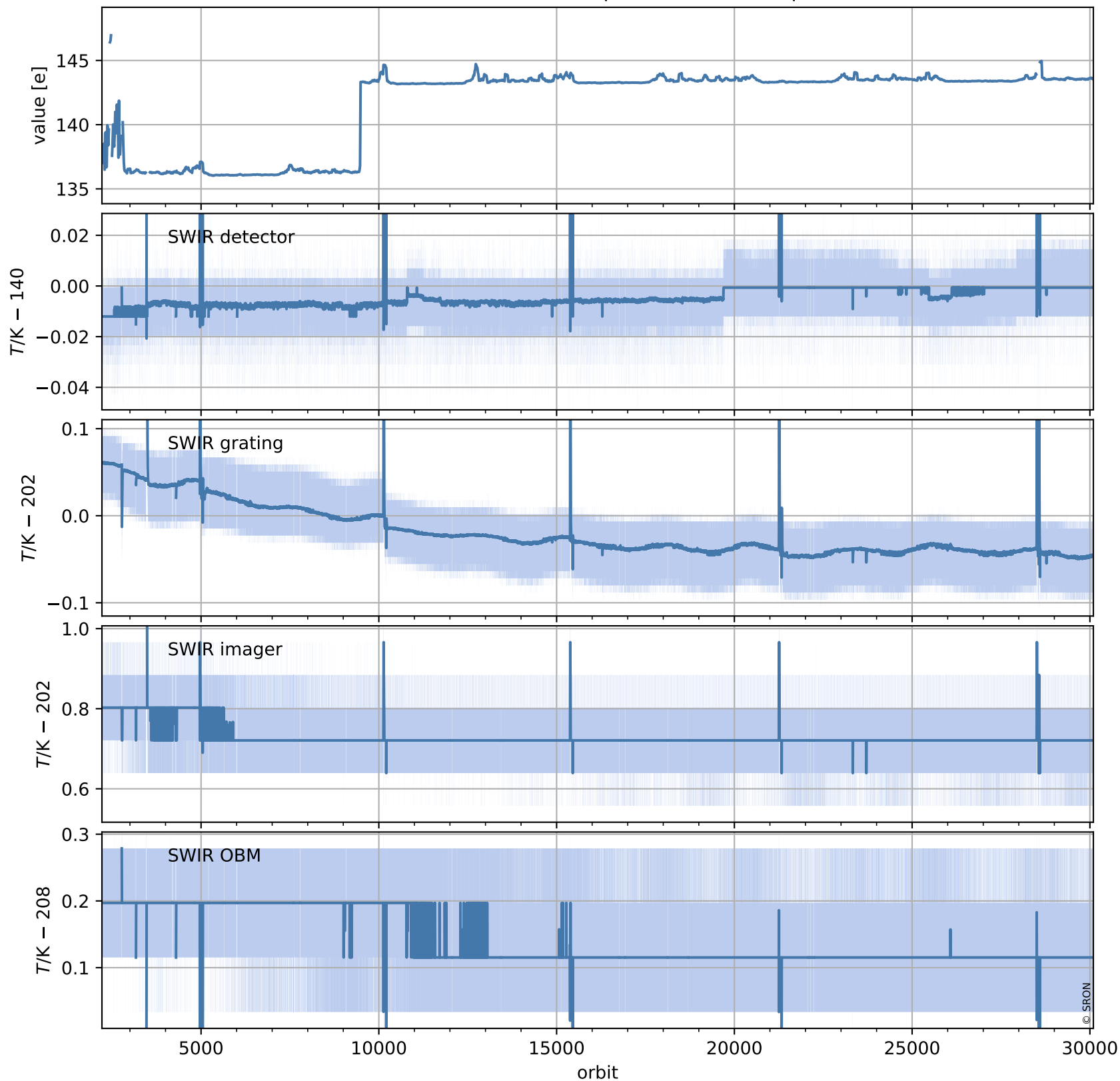
orbits : 12 in [30007, 30097]
coverage : 2023-07-29 / 2023-08-04
created : 2023-08-21T17:11:45



Tropomi SWIR background noise (swir)

orbits : [2212, 30097]
coverage : 2018-03-18 / 2023-08-04
created : 2023-08-21T17:11:45

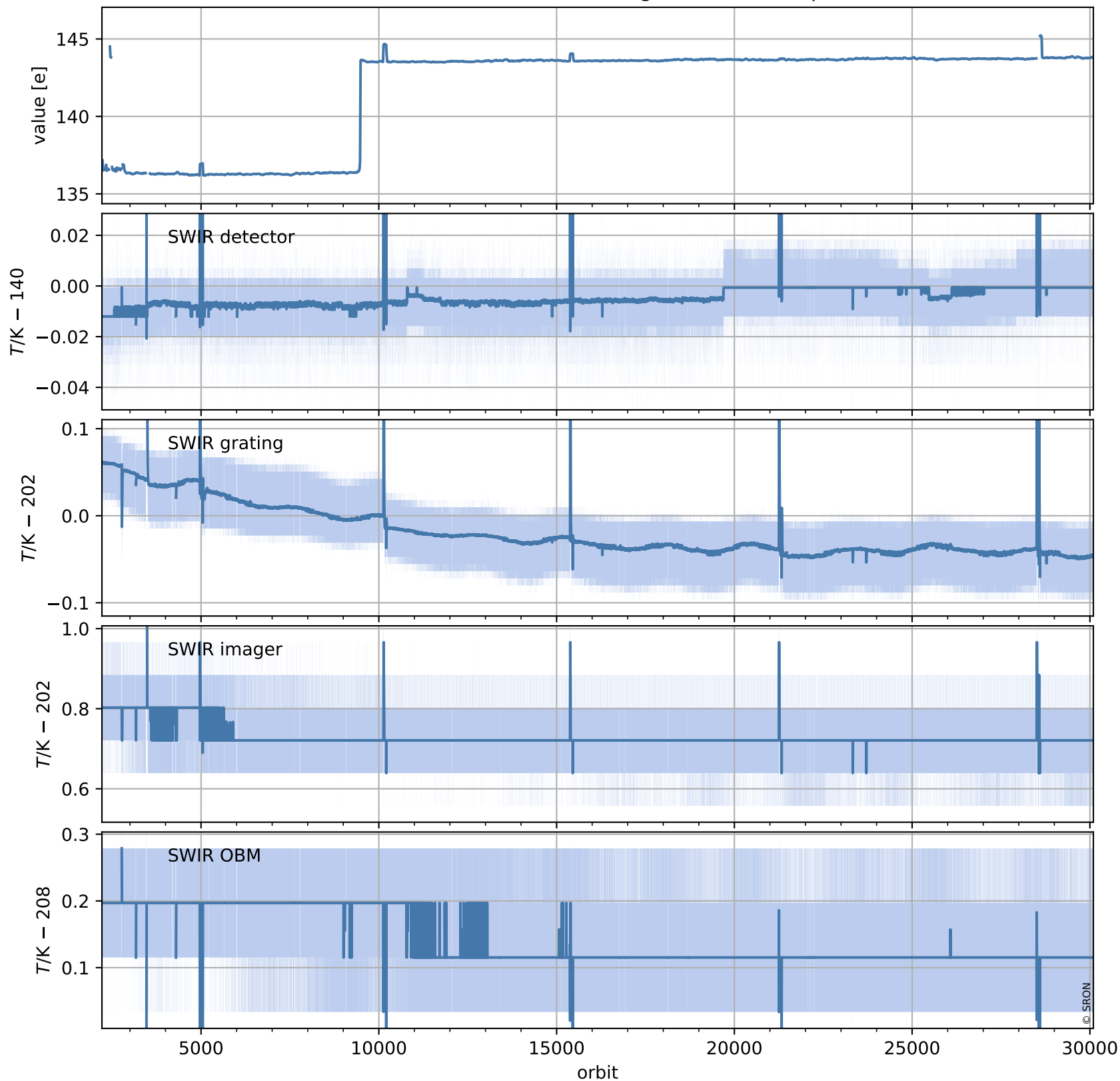
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30097]
coverage : 2018-03-18 / 2023-08-04
created : 2023-08-21T17:11:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30097]
coverage : 2018-03-18 / 2023-08-04
created : 2023-08-21T17:11:47

trend of normalized read-noise & temperatures

