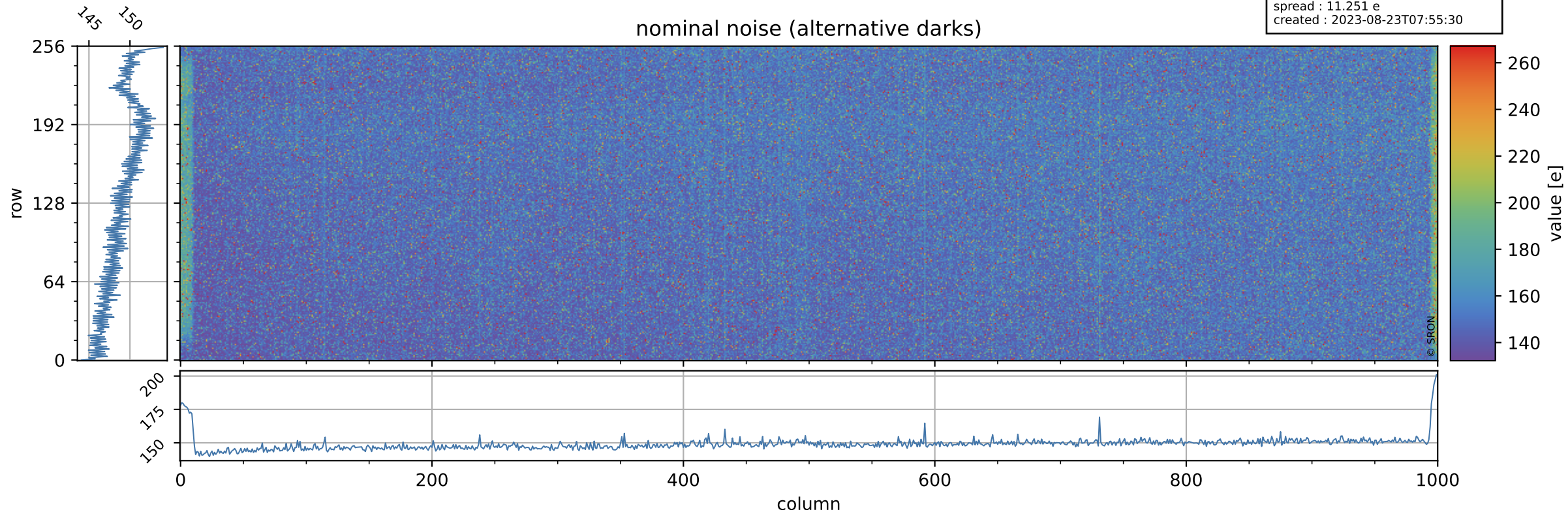


Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
n_coad, t_exp : 1, 1.0783
median : 148.91 e
spread : 11.251 e
created : 2023-08-23T07:55:30

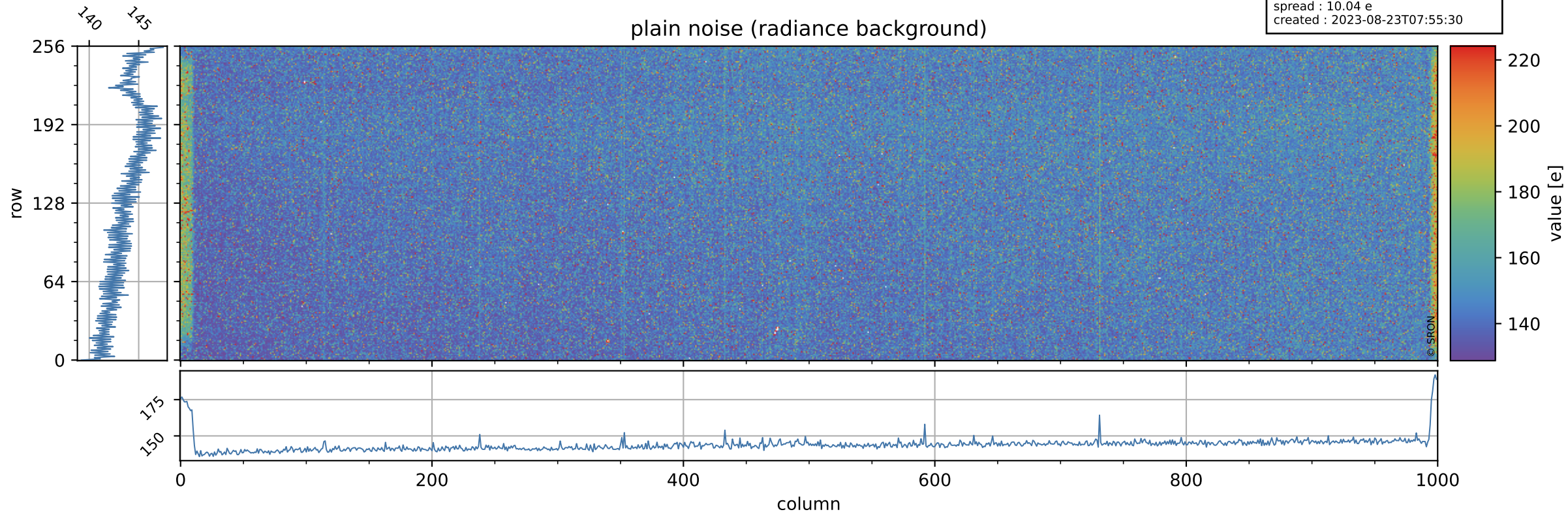
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 10.04 e
created : 2023-08-23T07:55:30

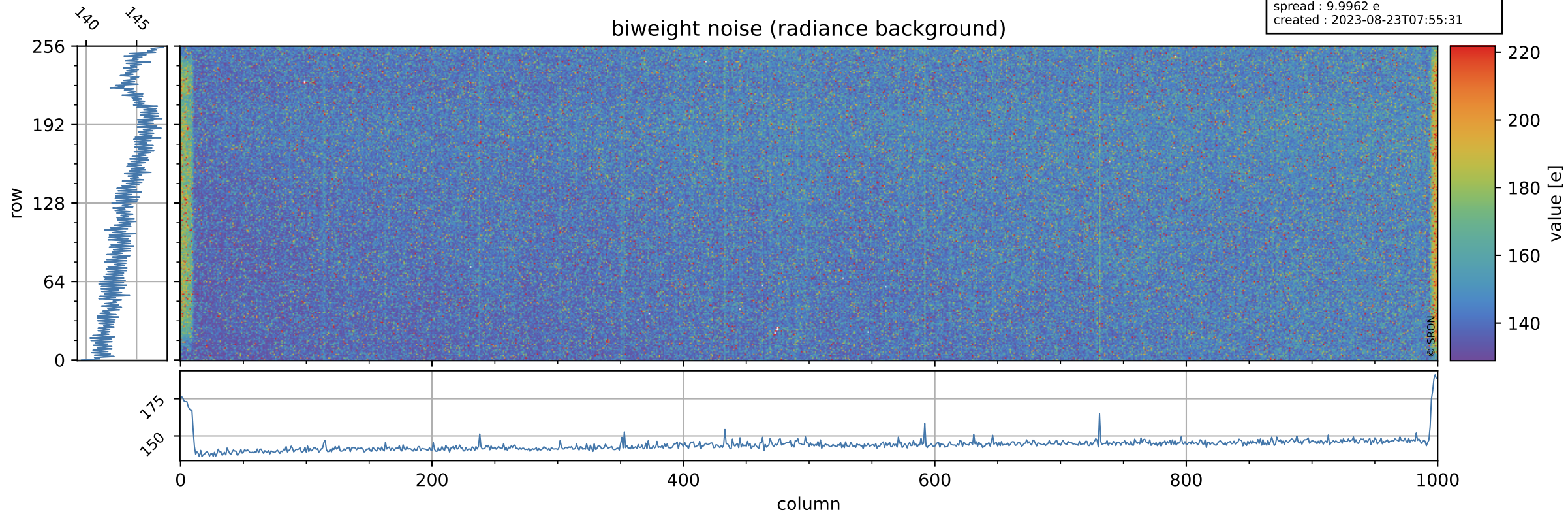
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
n_coad, t_exp : 1, 0.8383
median : 143.94 e
spread : 9.9962 e
created : 2023-08-23T07:55:31

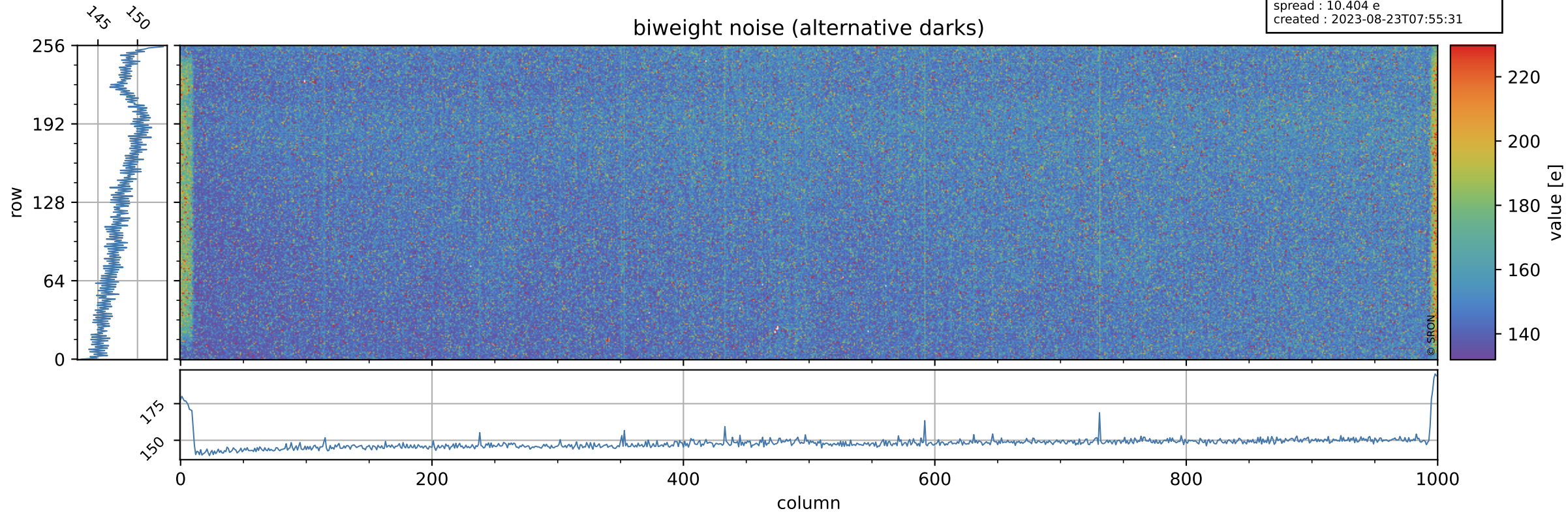
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
n_coad, t_exp : 1, 1.0783
median : 147.87 e
spread : 10.404 e
created : 2023-08-23T07:55:31

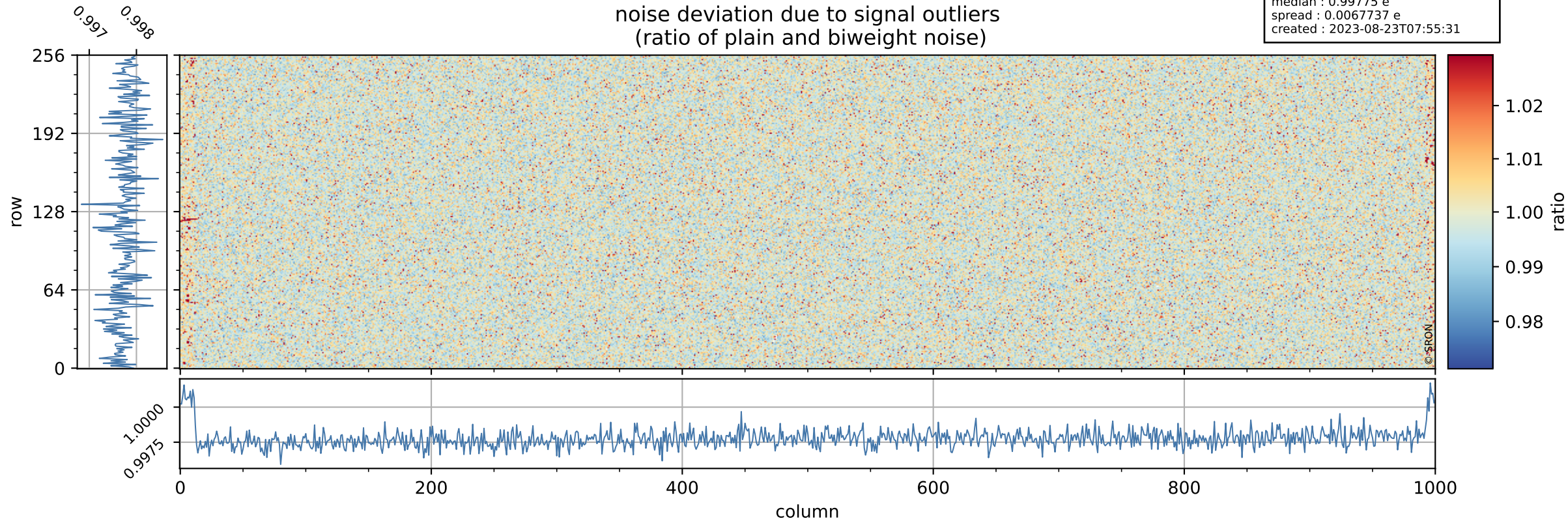
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

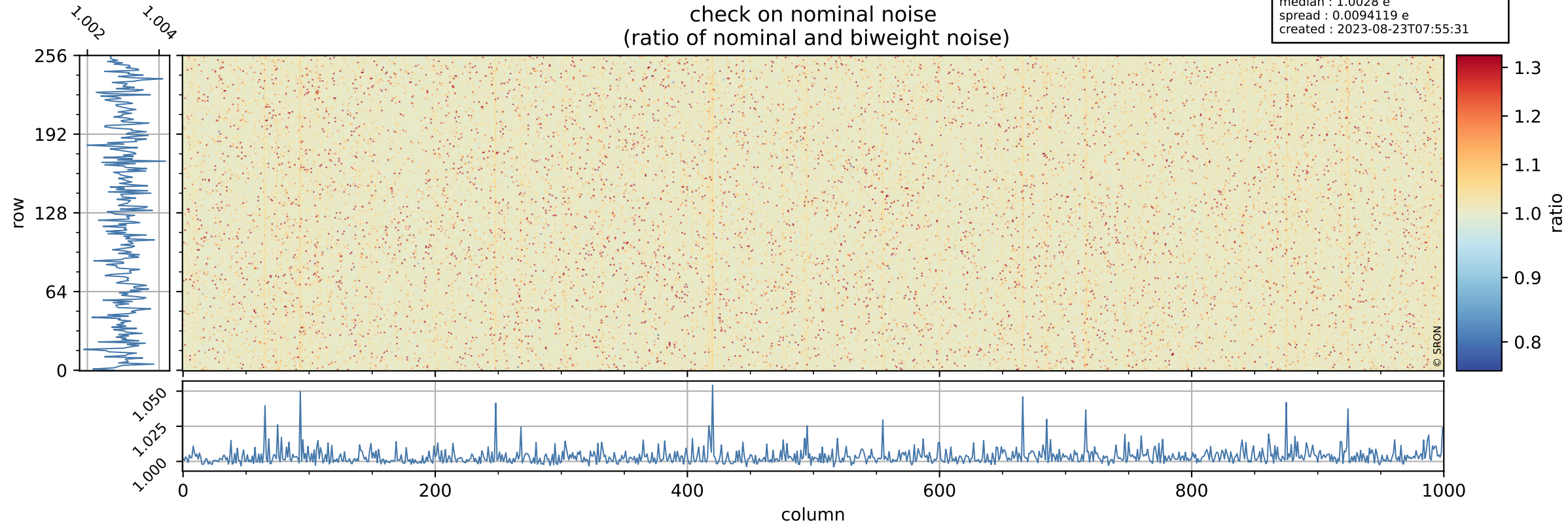
orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
median : 0.99775 e
spread : 0.0067737 e
created : 2023-08-23T07:55:31



Tropomi SWIR background noise (swir)

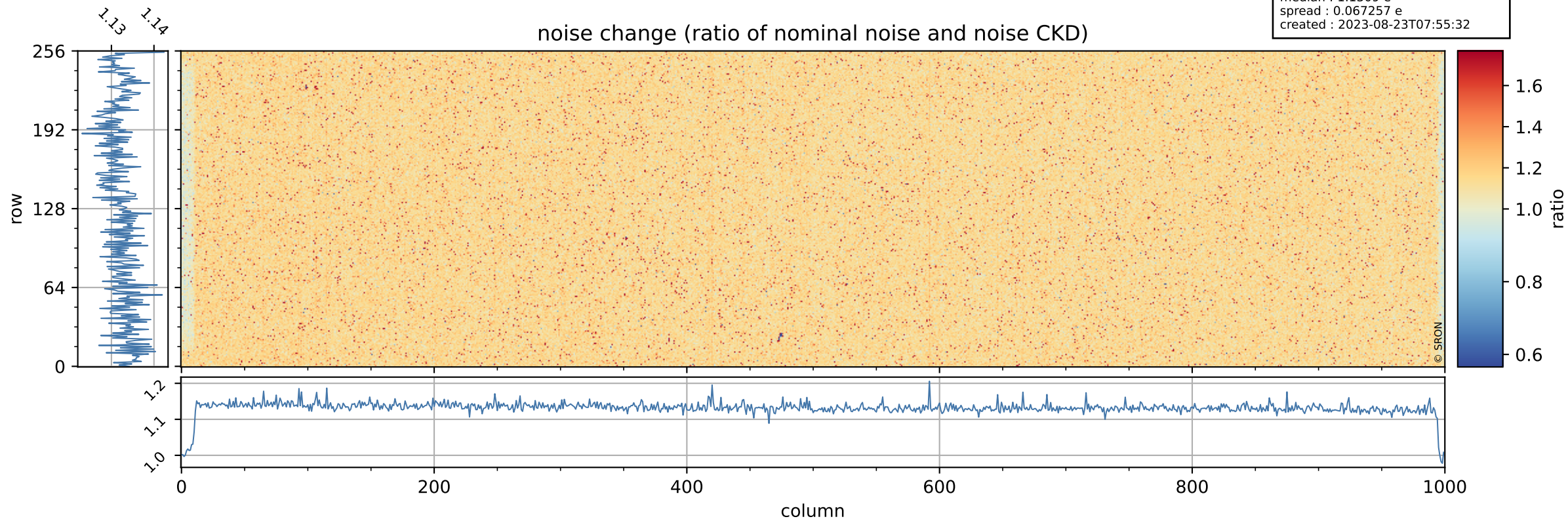
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
median : 1.0028 e
spread : 0.0094119 e
created : 2023-08-23T07:55:31



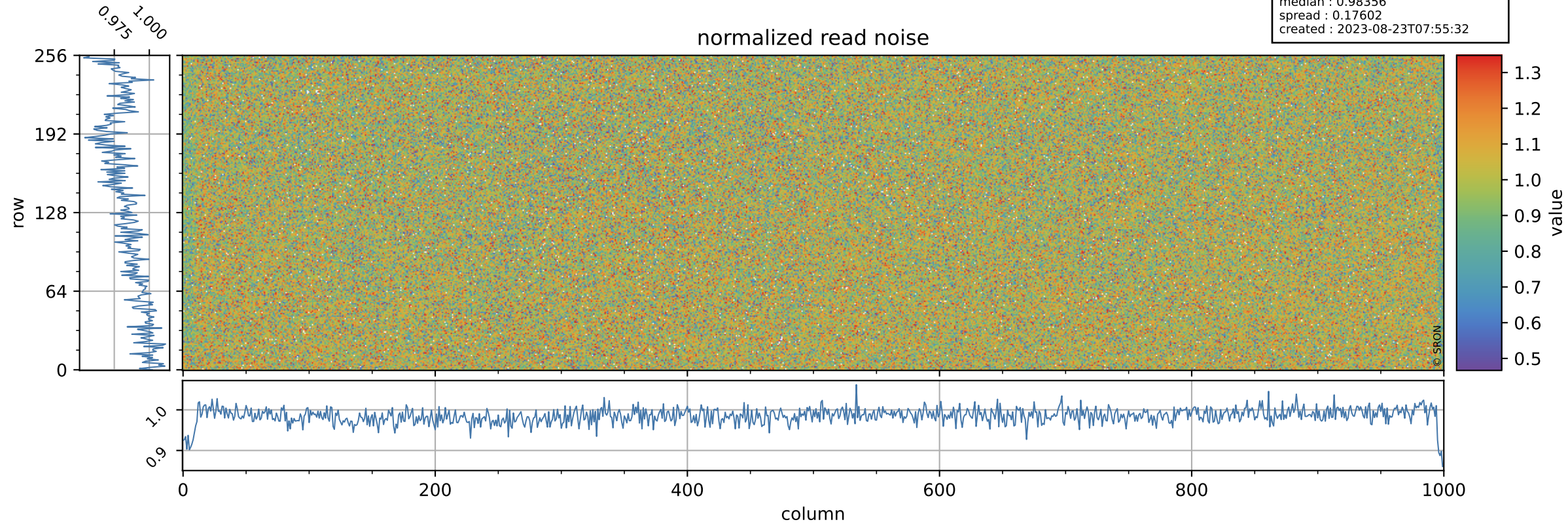
Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
median : 1.1309 e
spread : 0.067257 e
created : 2023-08-23T07:55:32



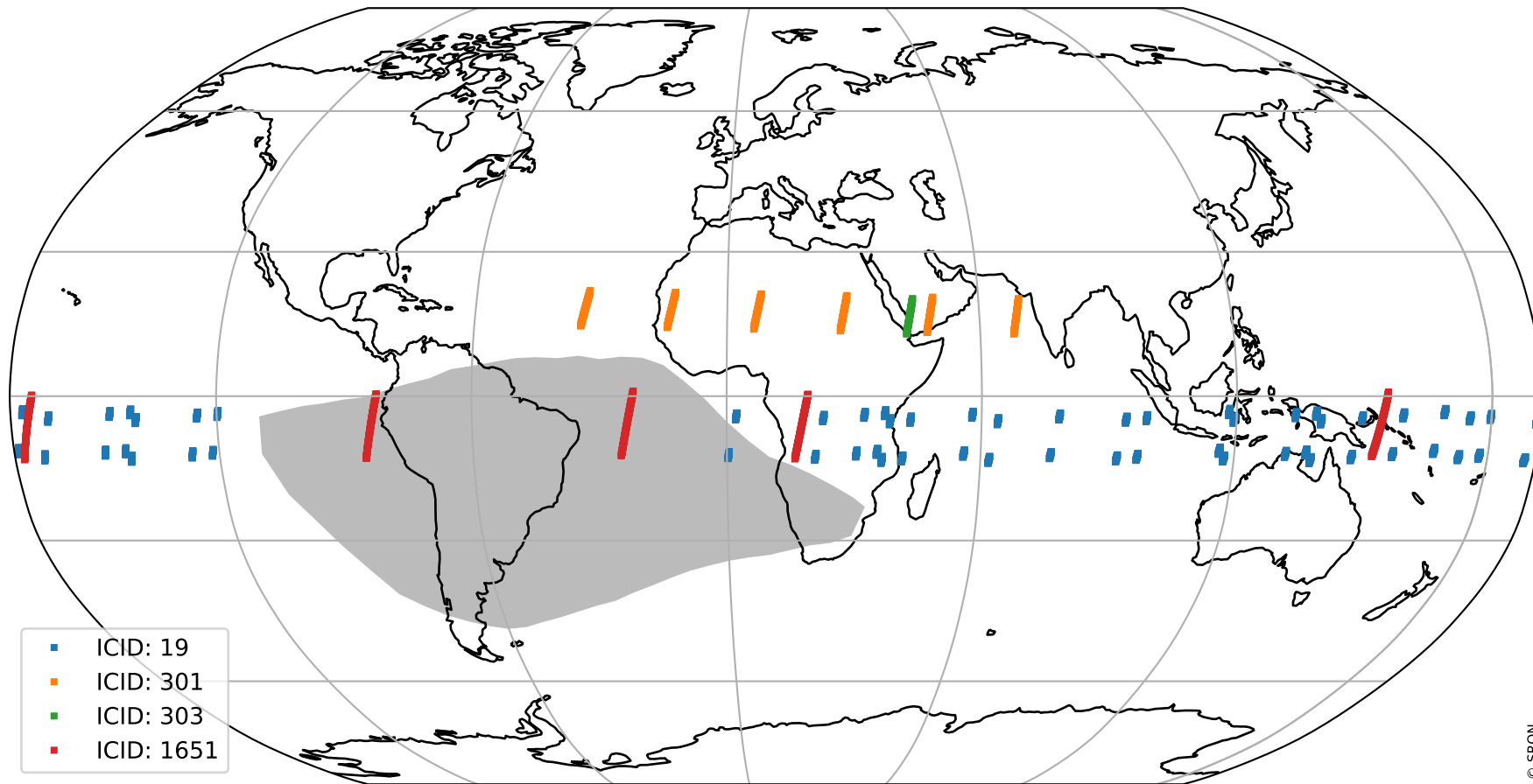
Tropomi SWIR background noise (swir)

orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
median : 0.98356
spread : 0.17602
created : 2023-08-23T07:55:32



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

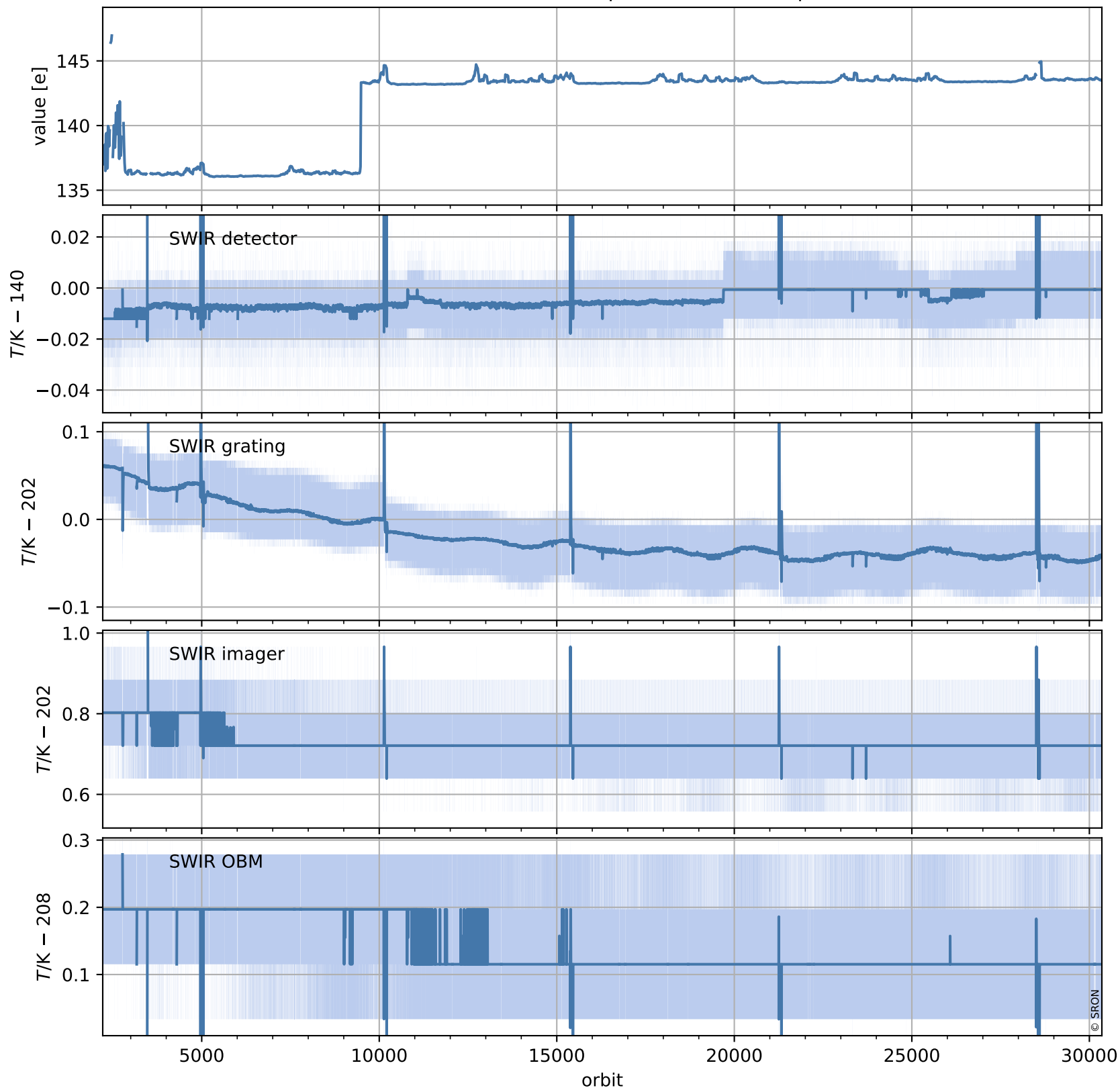
orbits : 12 in [30277, 30352]
coverage : 2023-08-16 / 2023-08-22
created : 2023-08-23T07:55:32



Tropomi SWIR background noise (swir)

orbits : [2212, 30352]
coverage : 2018-03-18 / 2023-08-22
created : 2023-08-23T07:55:33

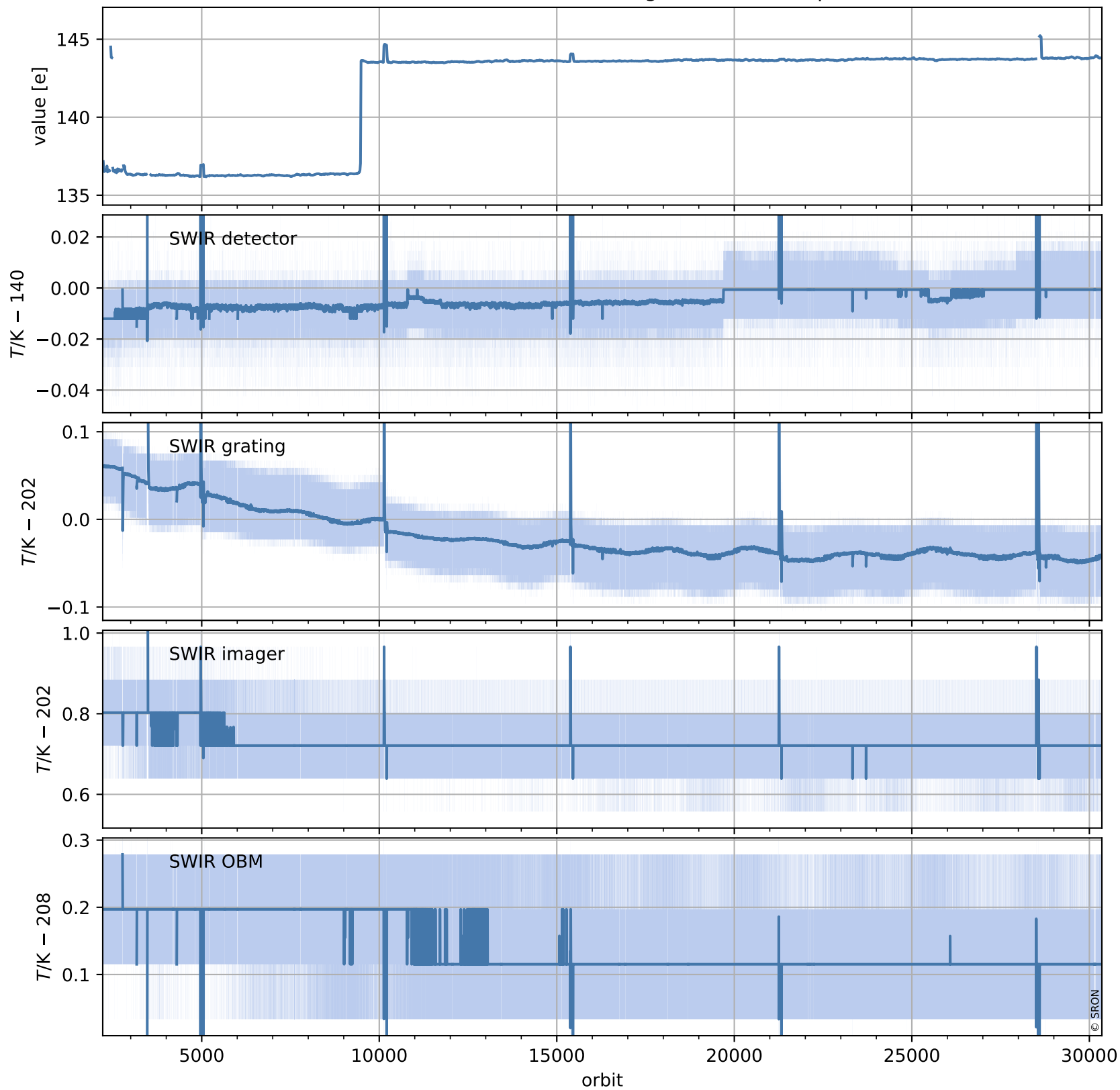
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30352]
coverage : 2018-03-18 / 2023-08-22
created : 2023-08-23T07:55:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30352]
coverage : 2018-03-18 / 2023-08-22
created : 2023-08-23T07:55:35

trend of normalized read-noise & temperatures

