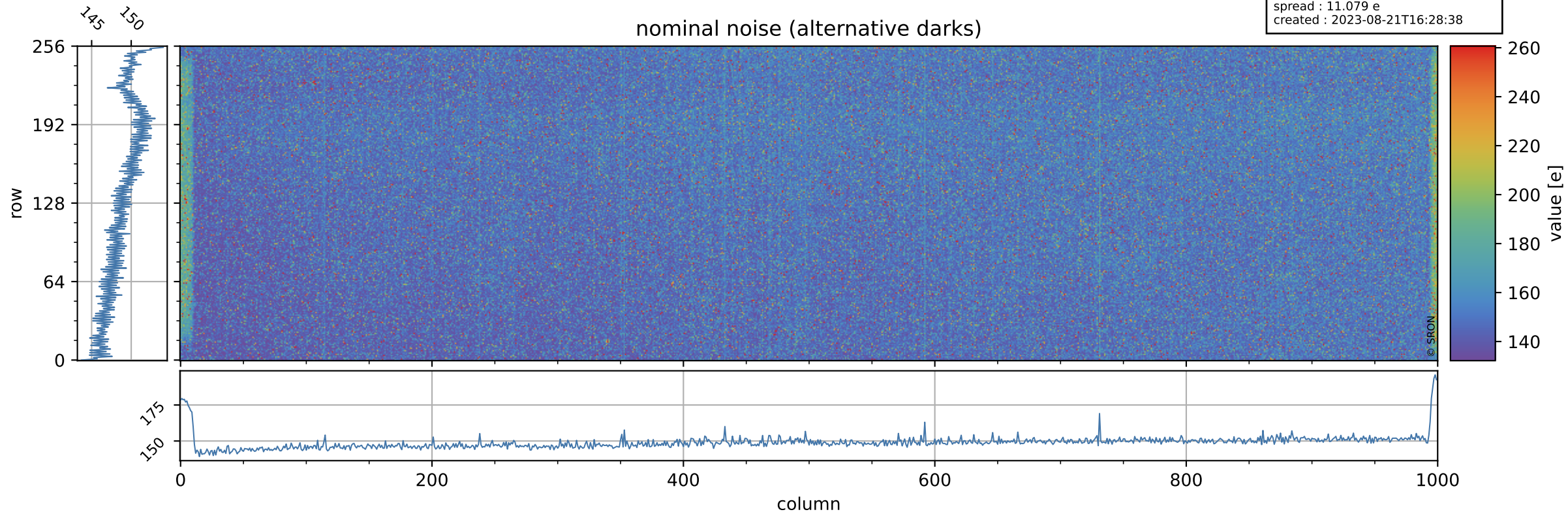


Tropomi SWIR background noise (swir)

orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 11.079 e
created : 2023-08-21T16:28:38

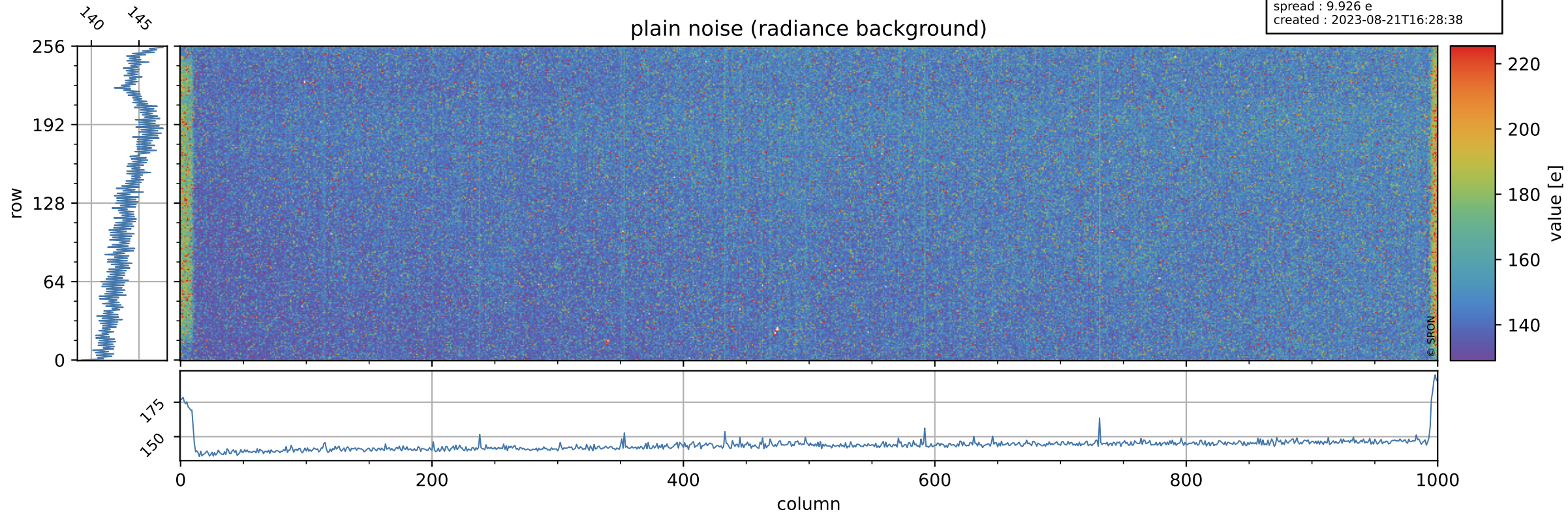
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.926 e
created : 2023-08-21T16:28:38

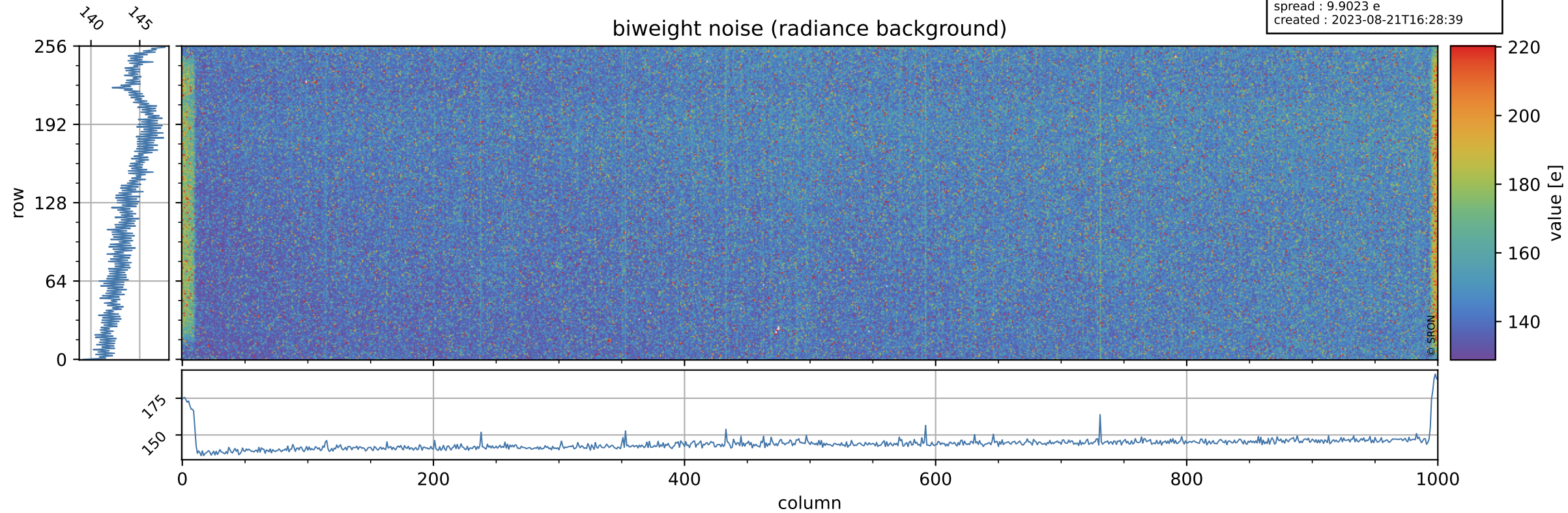
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9023 e
created : 2023-08-21T16:28:39

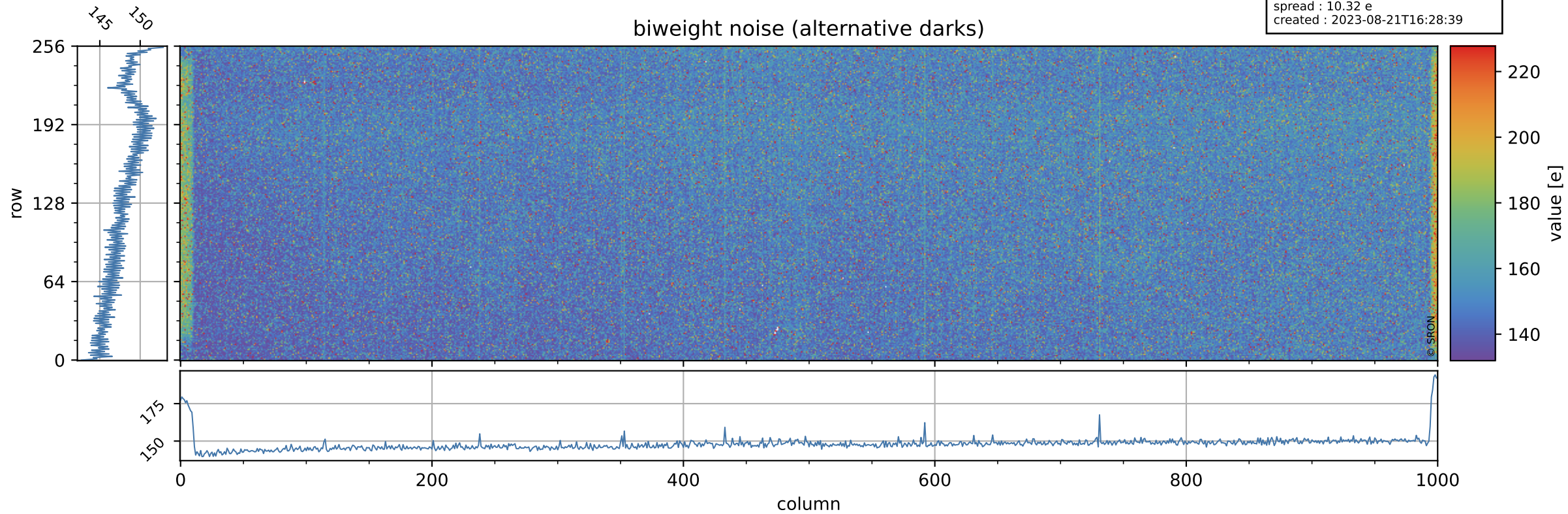
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.32 e
created : 2023-08-21T16:28:39

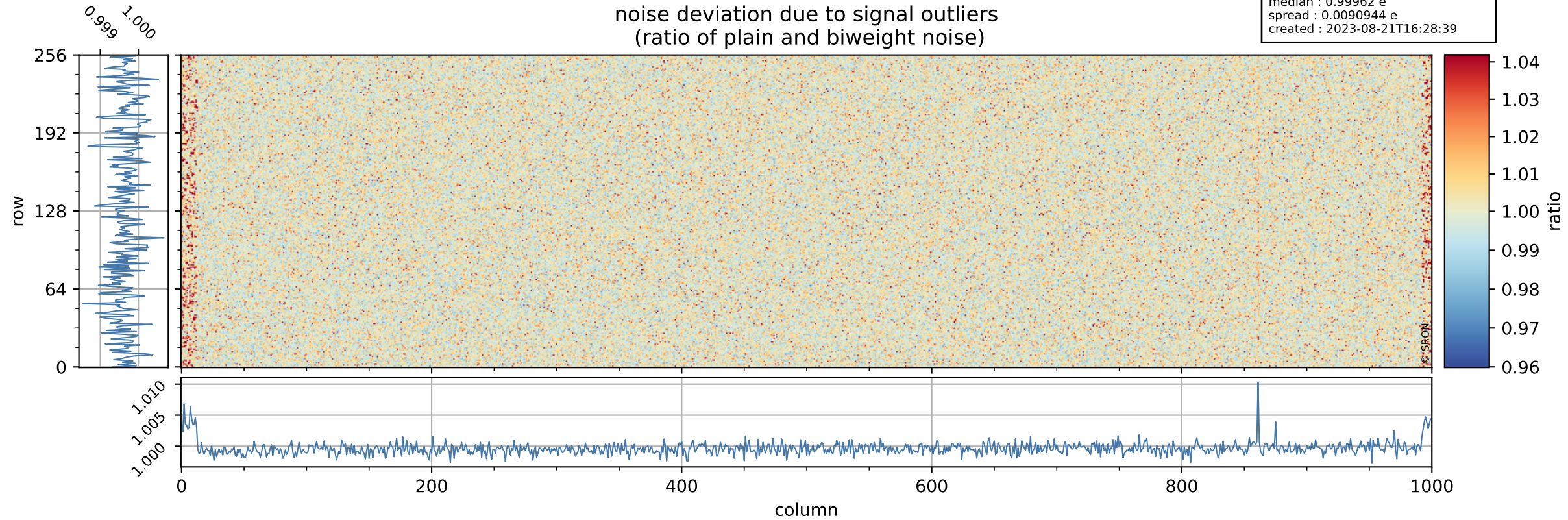
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

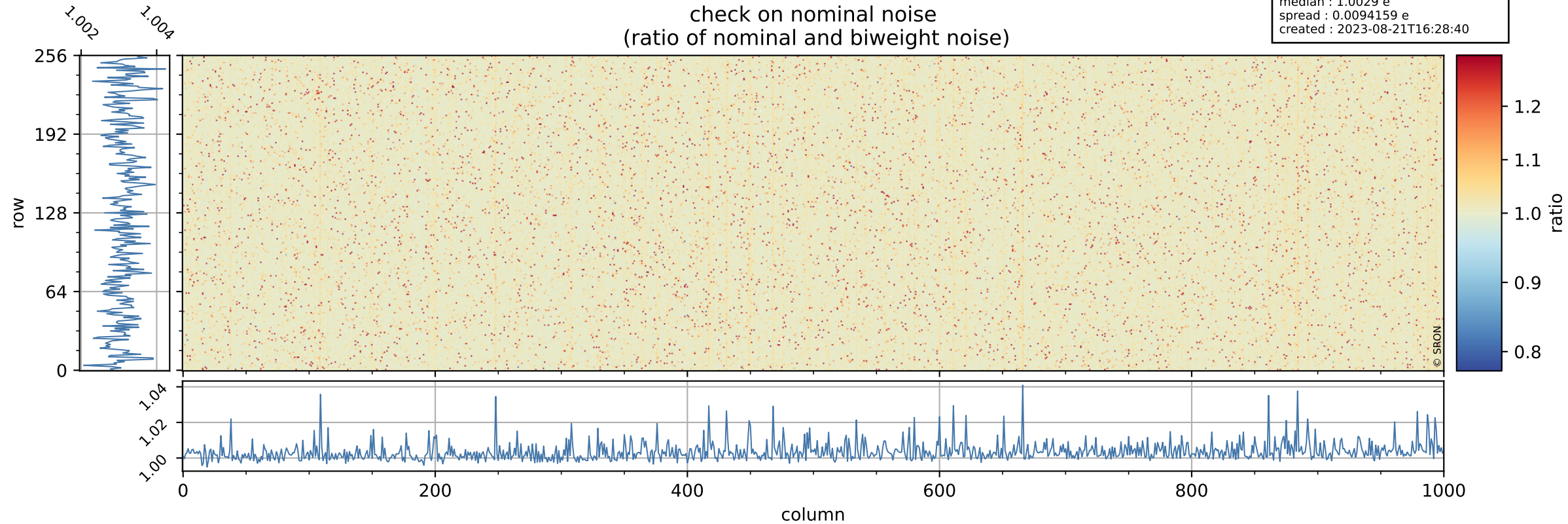
orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
median : 0.99962 e
spread : 0.0090944 e
created : 2023-08-21T16:28:39



Tropomi SWIR background noise (swir)

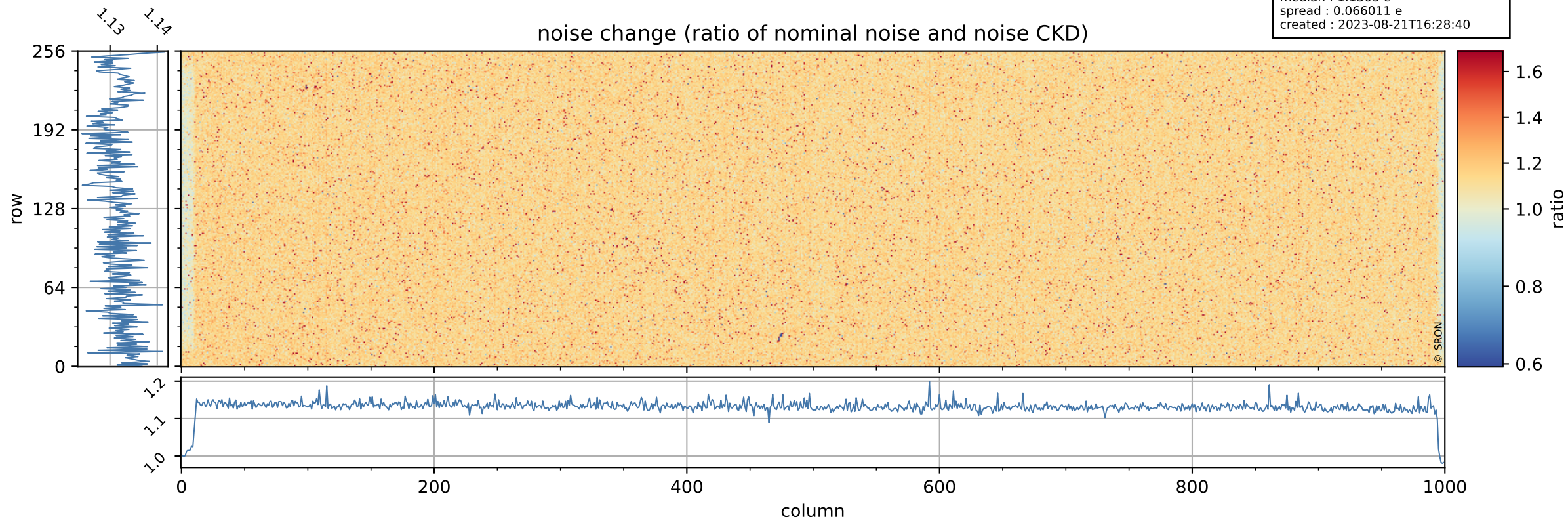
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
median : 1.0029 e
spread : 0.0094159 e
created : 2023-08-21T16:28:40



Tropomi SWIR background noise (swir)

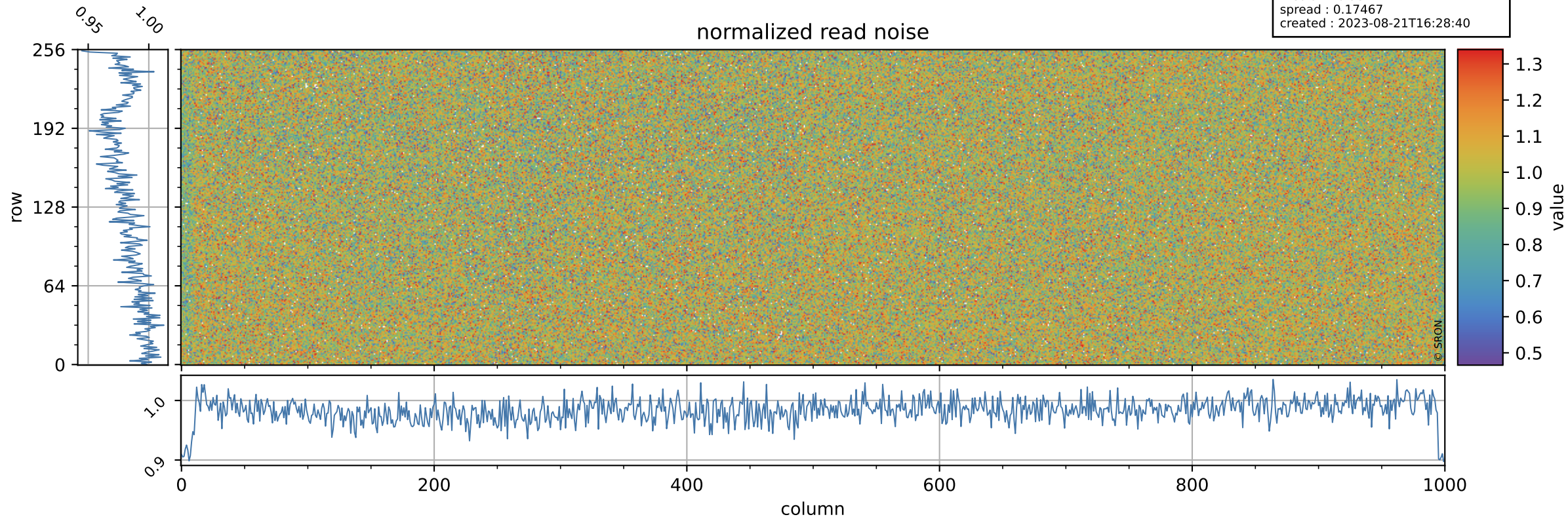
orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
median : 1.1305 e
spread : 0.066011 e
created : 2023-08-21T16:28:40



Tropomi SWIR background noise (swir)

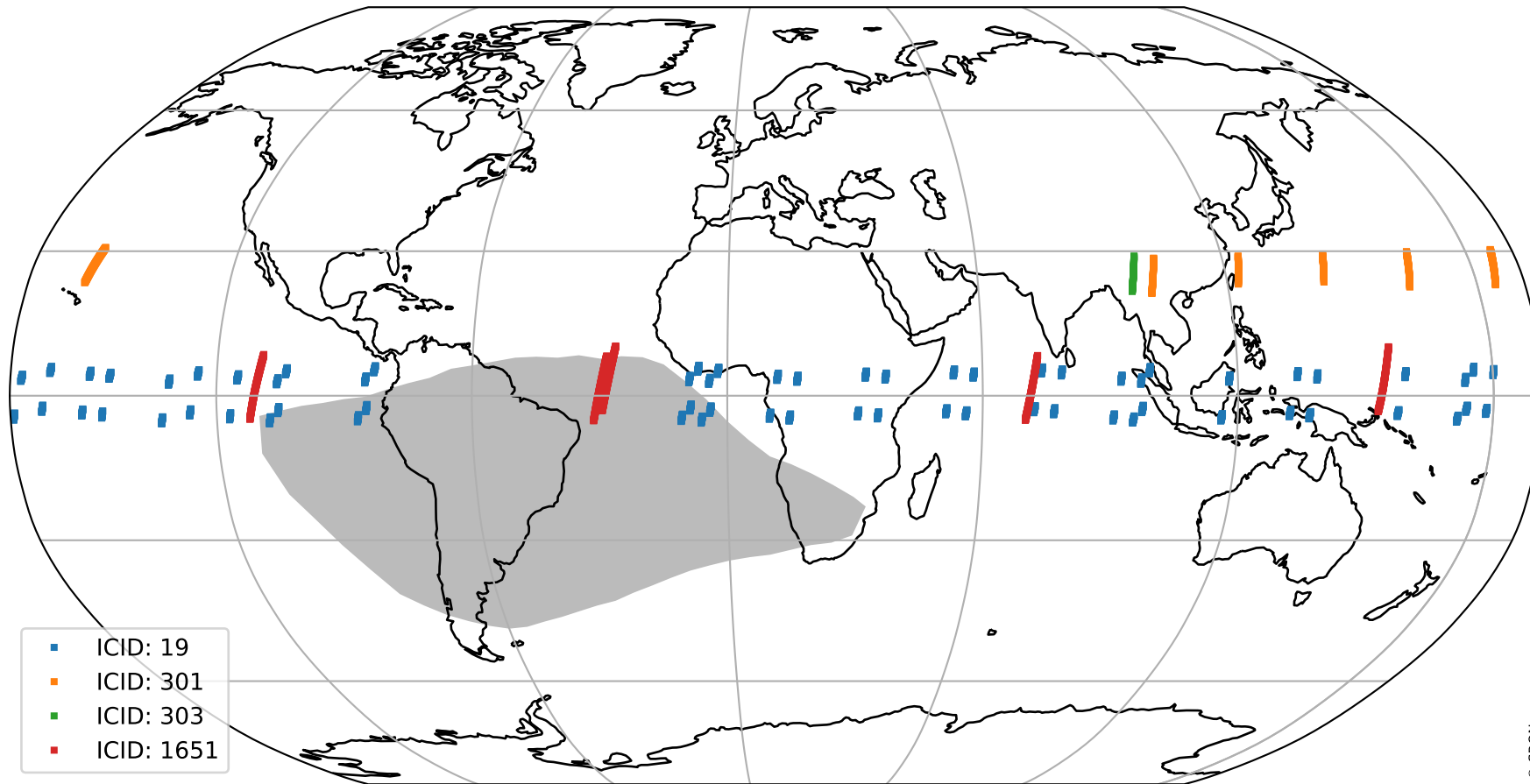
orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
median : 0.98171
spread : 0.17467
created : 2023-08-21T16:28:40

normalized read noise



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

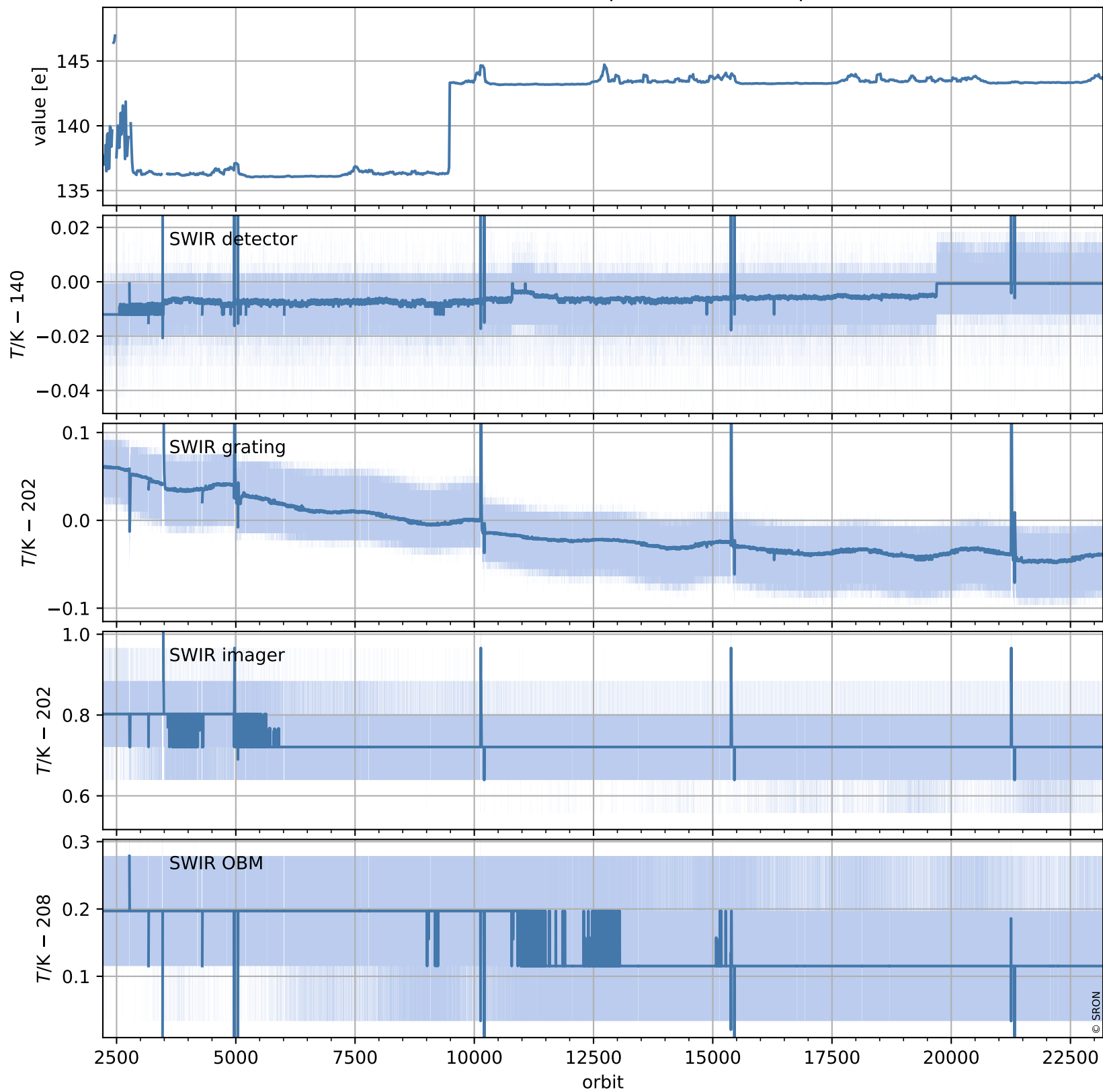
orbits : 12 in [23092, 23182]
coverage : 2022-03-29 / 2022-04-04
created : 2023-08-21T16:28:40



Tropomi SWIR background noise (swir)

orbits : [2212, 23182]
coverage : 2018-03-18 / 2022-04-04
created : 2023-08-21T16:28:41

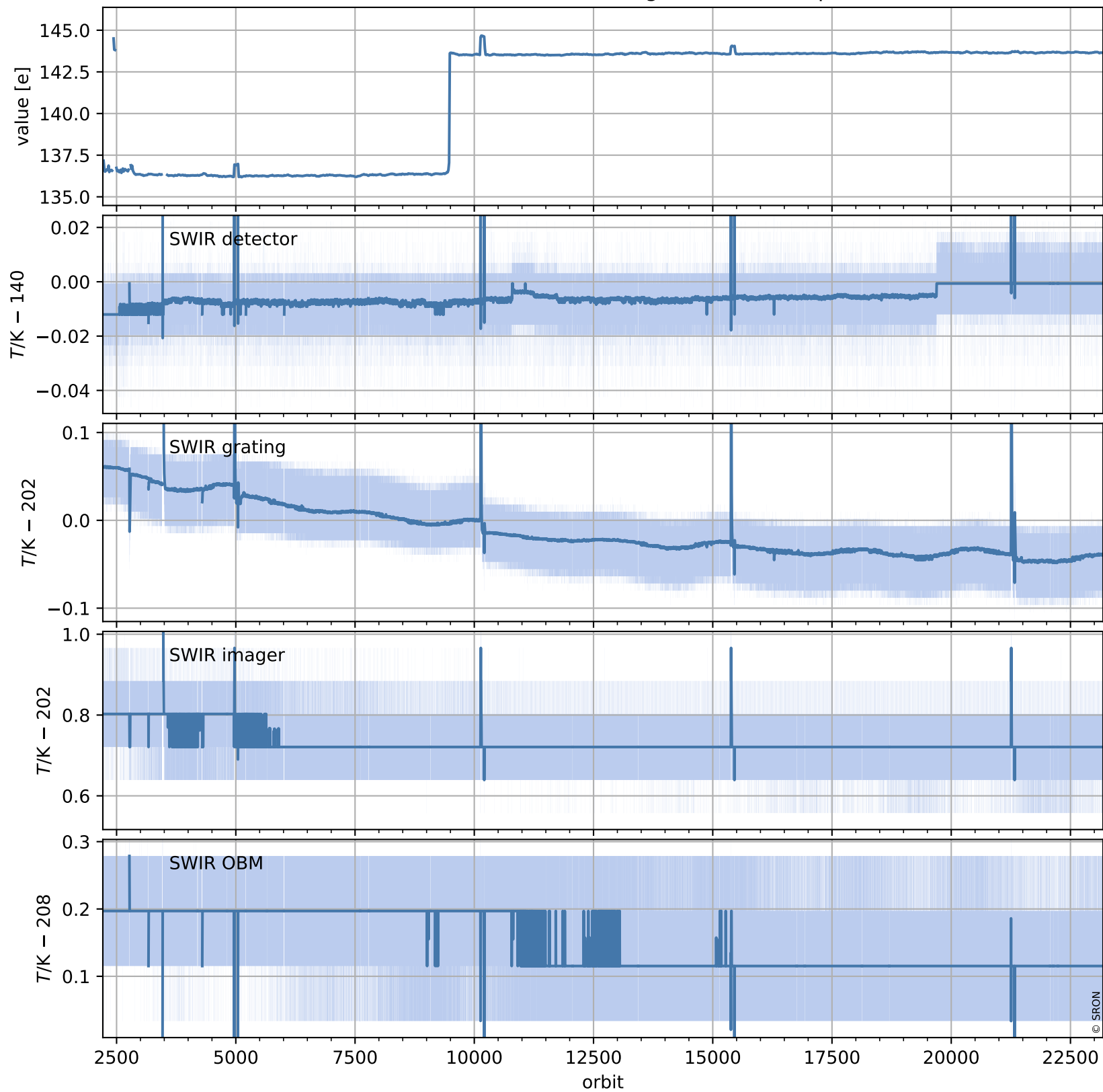
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23182]
coverage : 2018-03-18 / 2022-04-04
created : 2023-08-21T16:28:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23182]
coverage : 2018-03-18 / 2022-04-04
created : 2023-08-21T16:28:43

trend of normalized read-noise & temperatures

