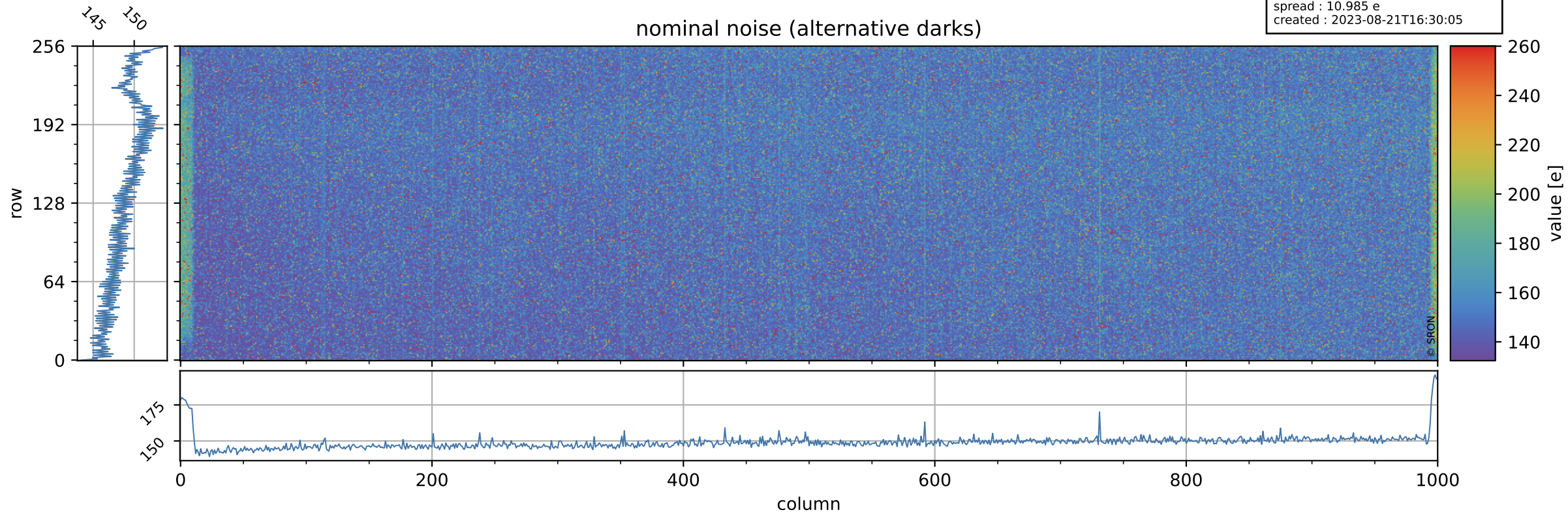


Tropomi SWIR background noise (swir)

orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.985 e
created : 2023-08-21T16:30:05

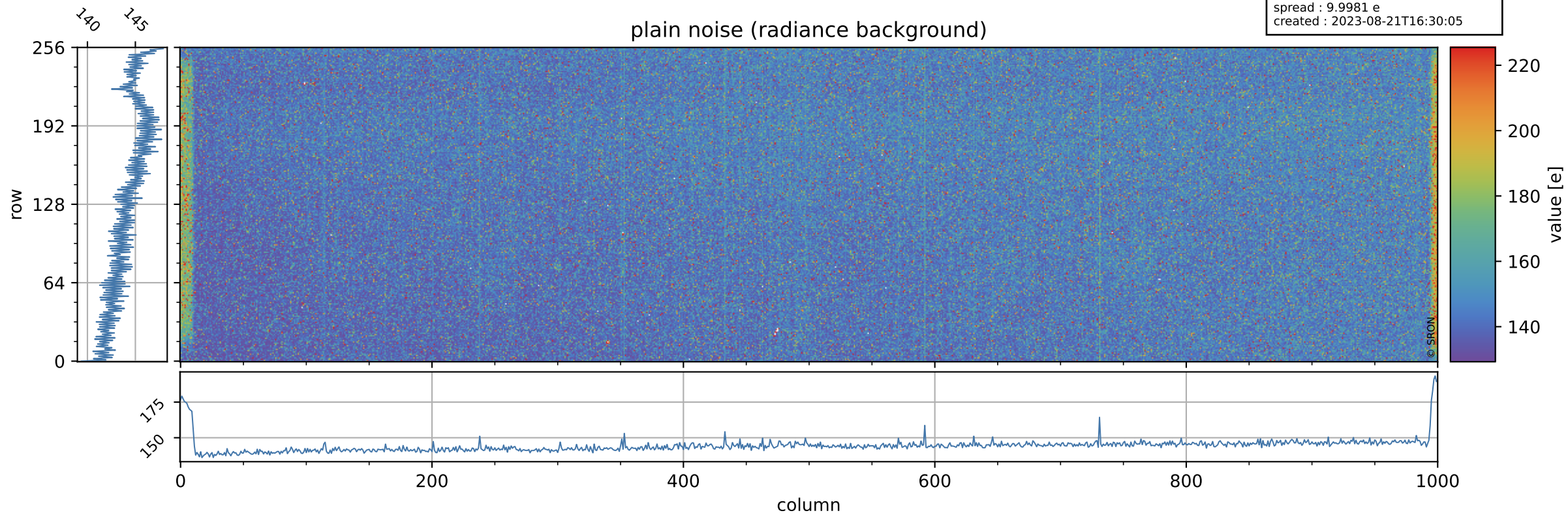
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
n_coad, t_exp : 1, 0.8383
median : 144.11 e
spread : 9.9981 e
created : 2023-08-21T16:30:05

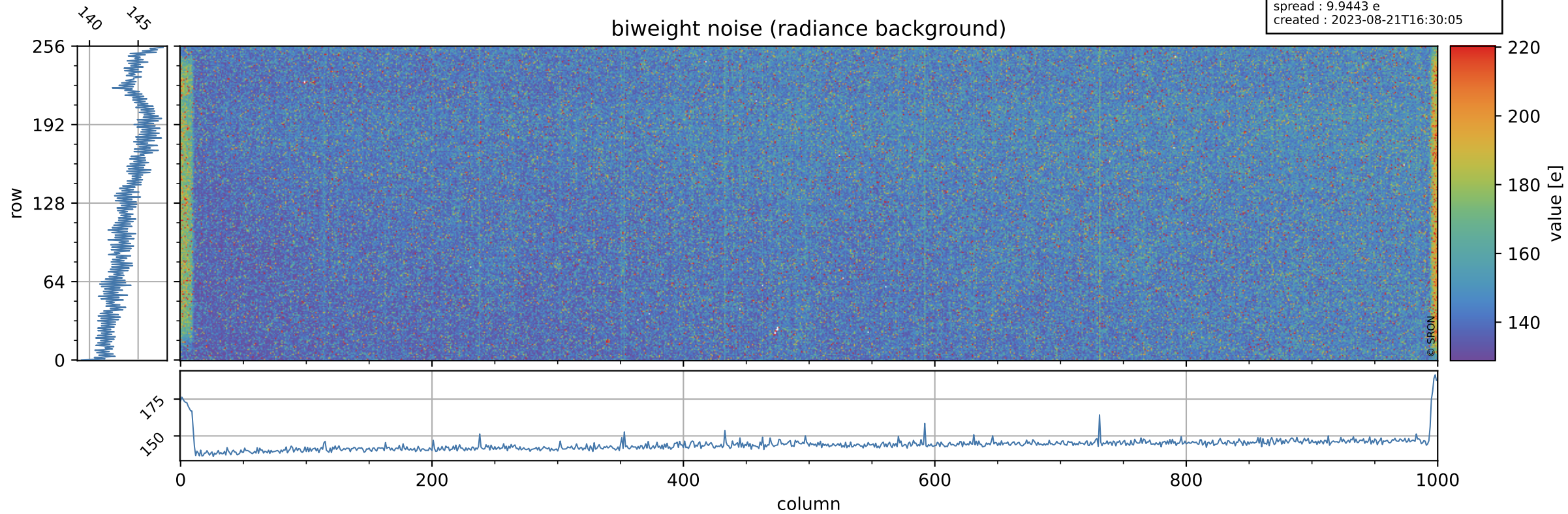
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9443 e
created : 2023-08-21T16:30:05

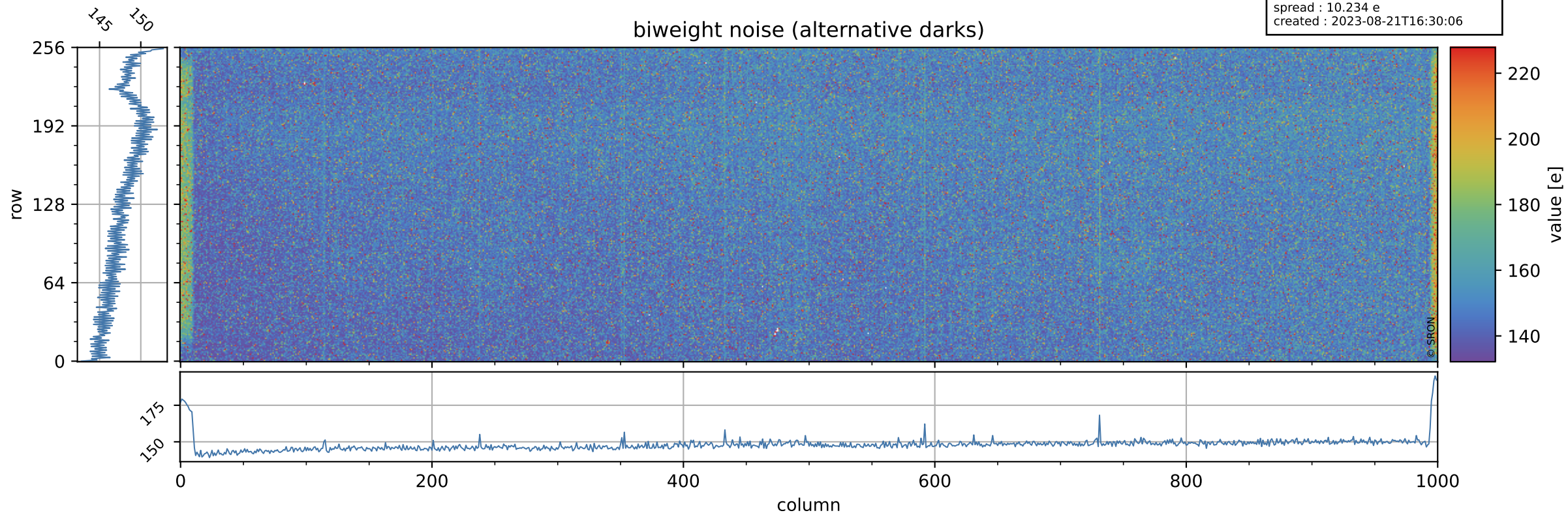
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.234 e
created : 2023-08-21T16:30:06

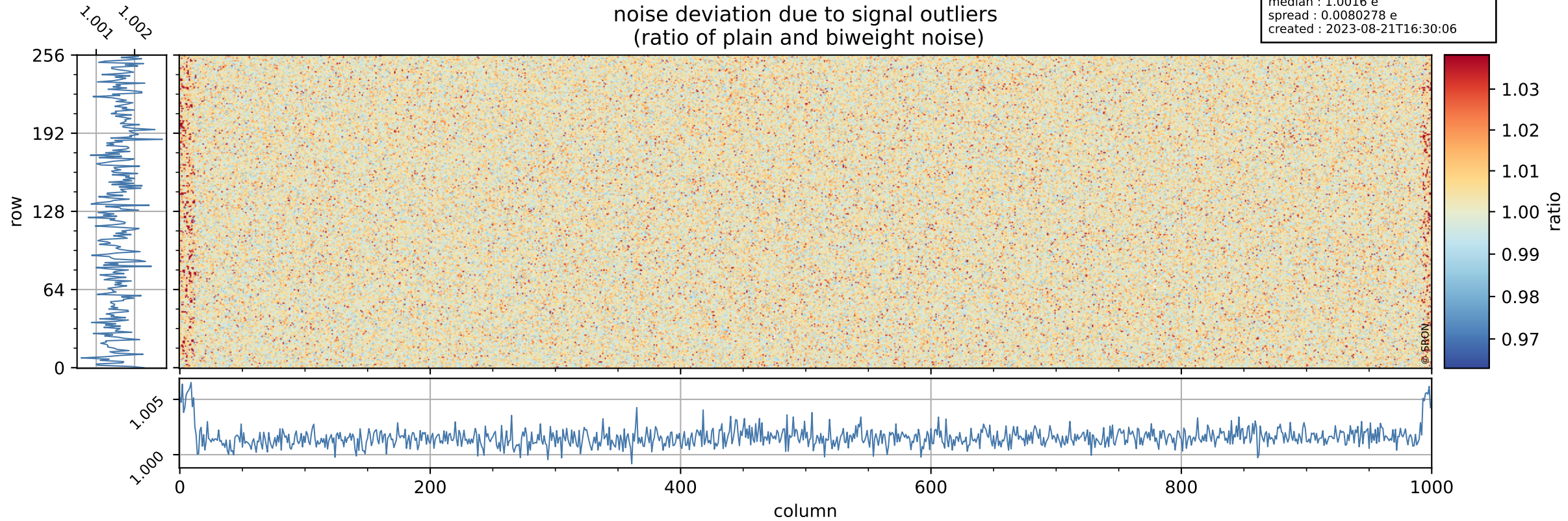
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

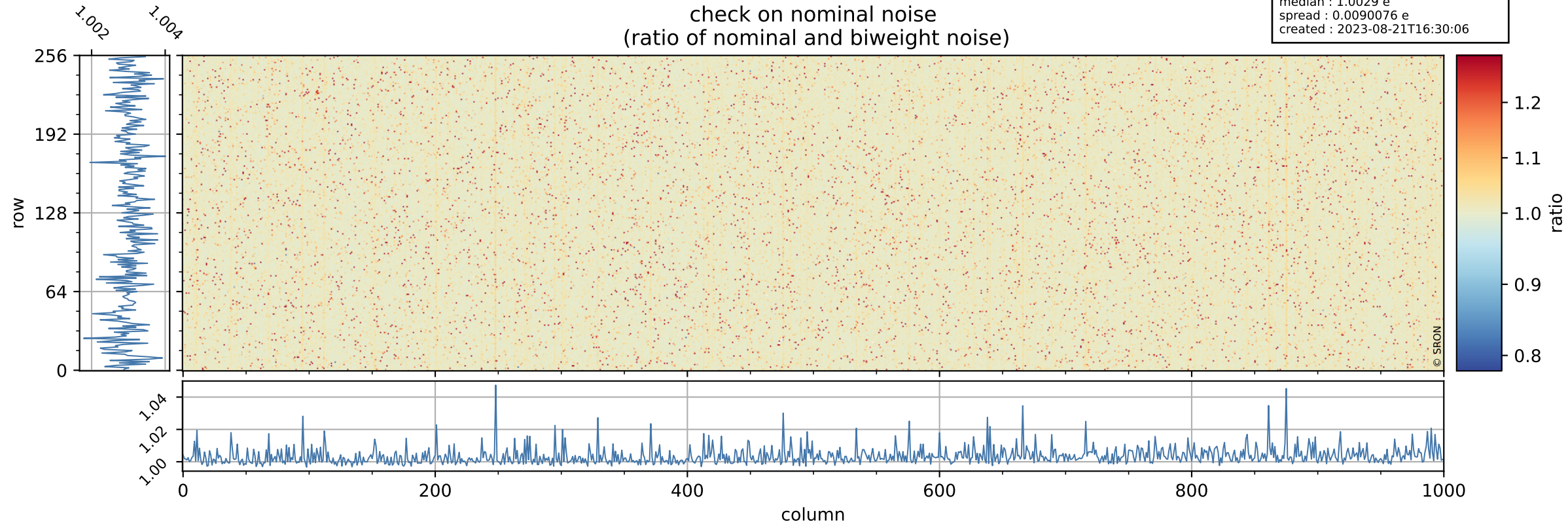
orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
median : 1.0016 e
spread : 0.0080278 e
created : 2023-08-21T16:30:06



Tropomi SWIR background noise (swir)

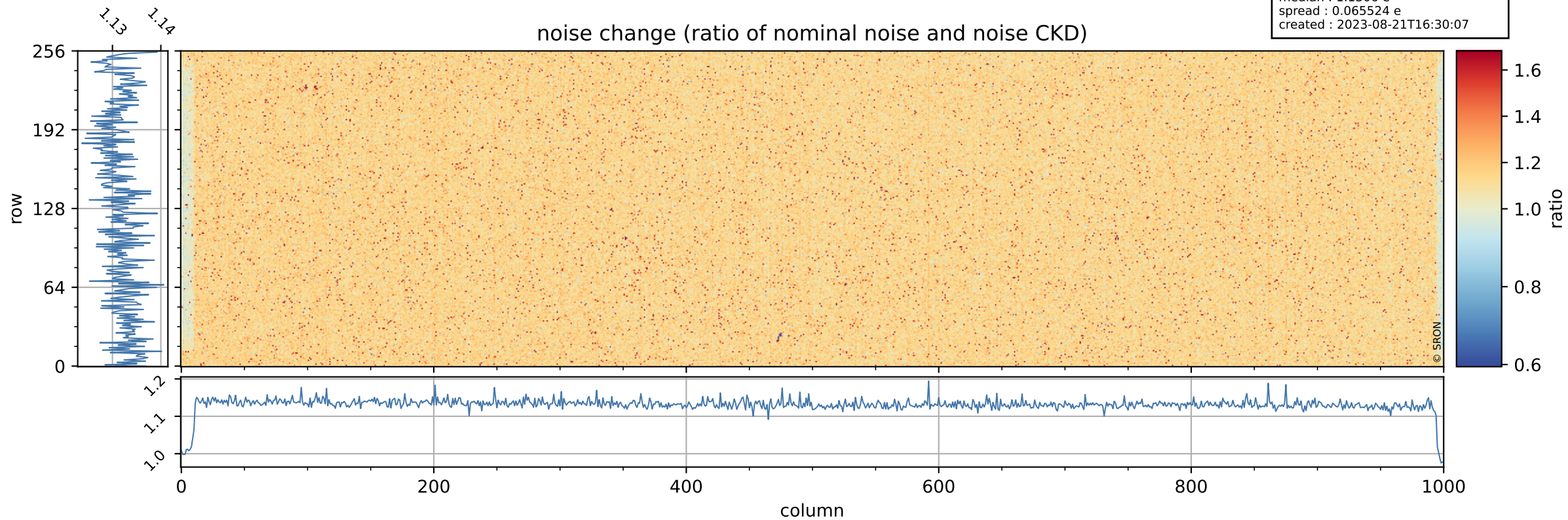
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
median : 1.0029 e
spread : 0.0090076 e
created : 2023-08-21T16:30:06



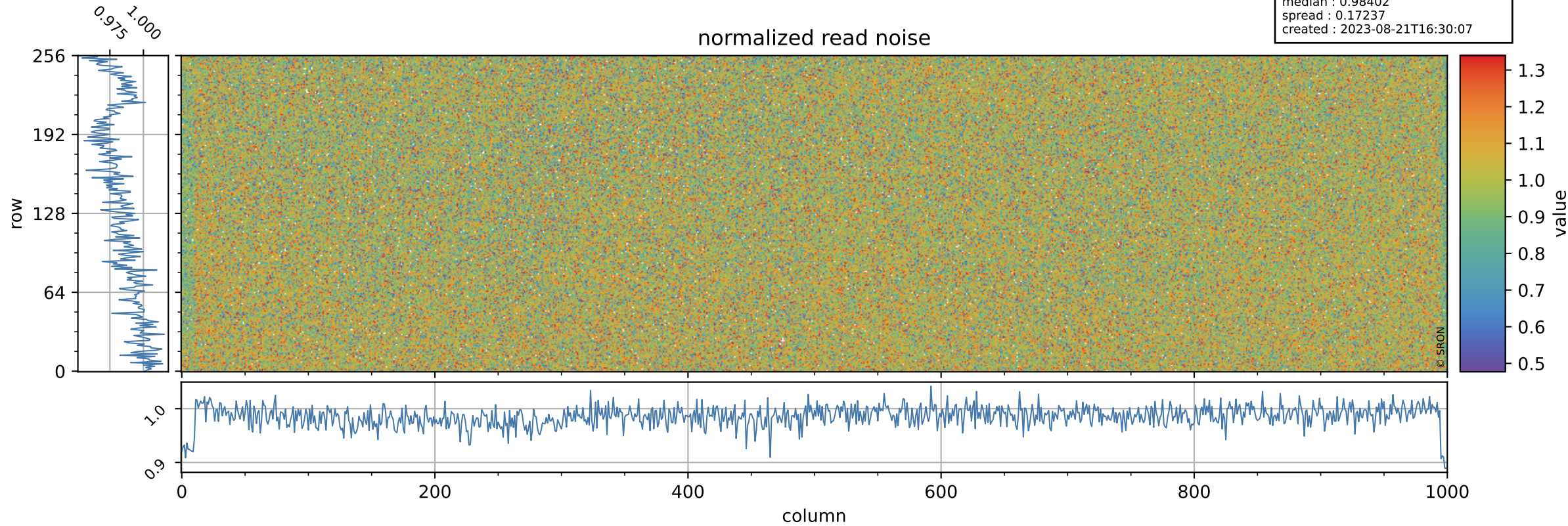
Tropomi SWIR background noise (swir)

orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
median : 1.1306 e
spread : 0.065524 e
created : 2023-08-21T16:30:07



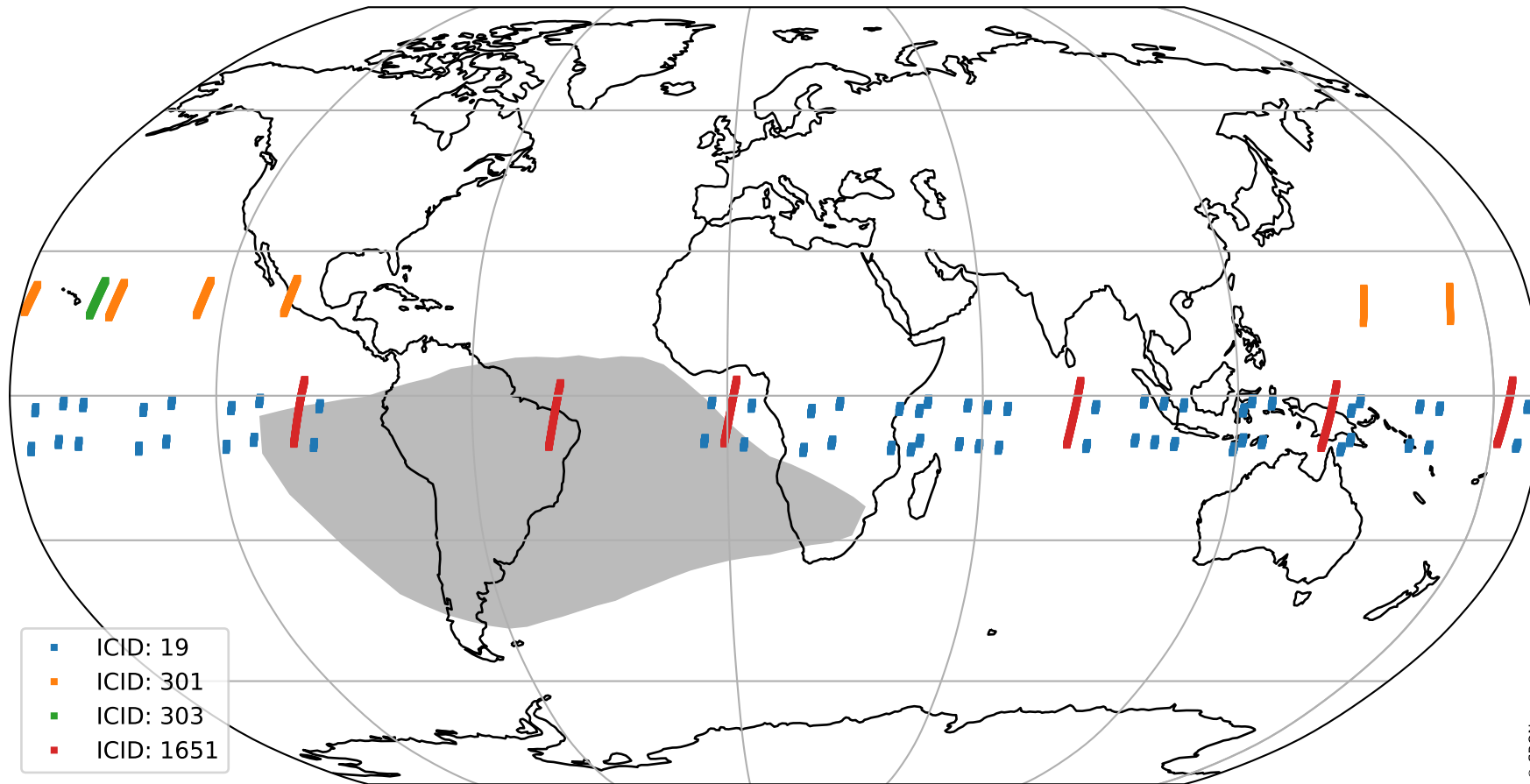
Tropomi SWIR background noise (swir)

orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
median : 0.98402
spread : 0.17237
created : 2023-08-21T16:30:07



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

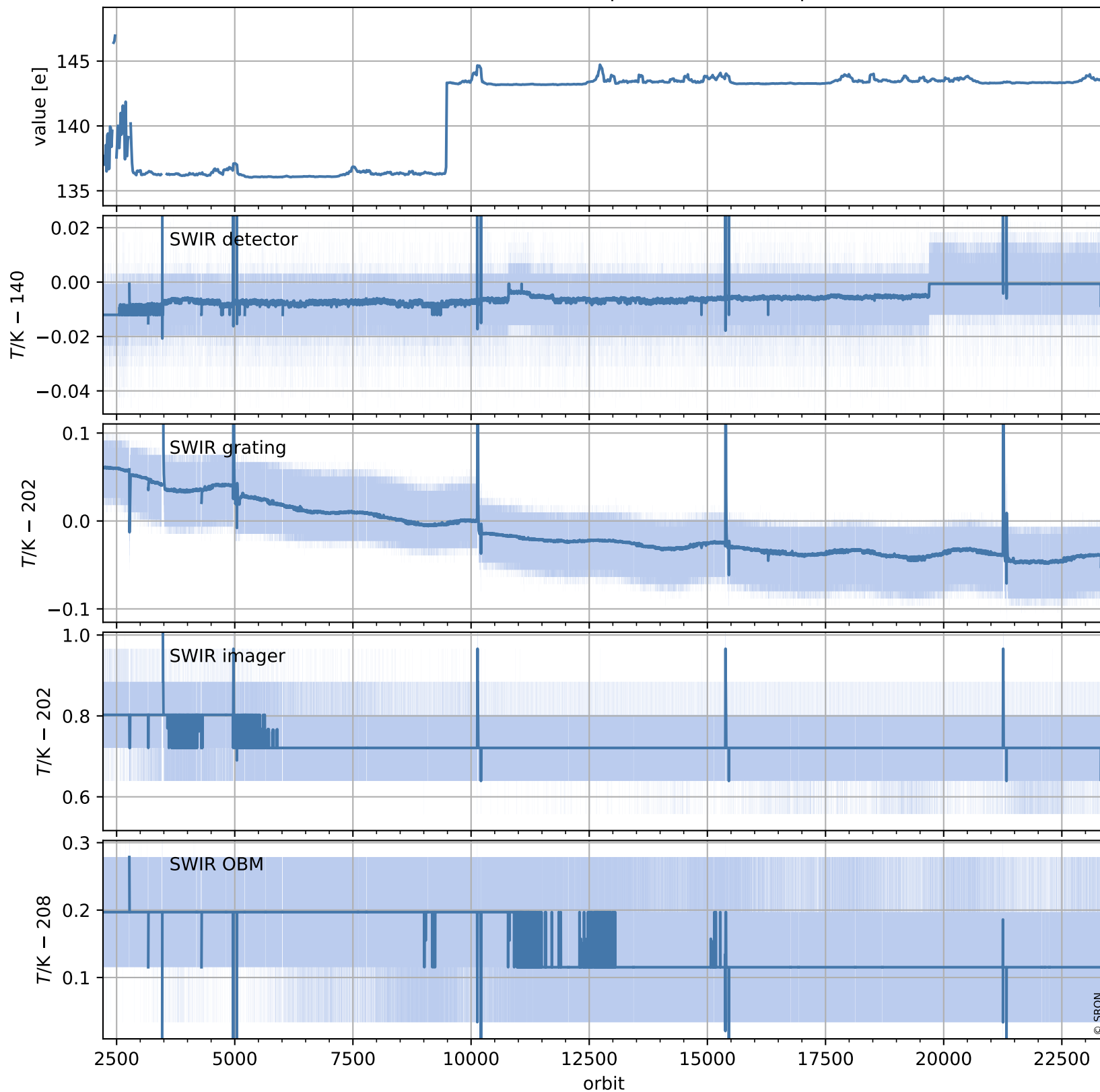
orbits : 13 in [23332, 23407]
coverage : 2022-04-14 / 2022-04-19
created : 2023-08-21T16:30:07



Tropomi SWIR background noise (swir)

orbits : [2212, 23407]
coverage : 2018-03-18 / 2022-04-19
created : 2023-08-21T16:30:08

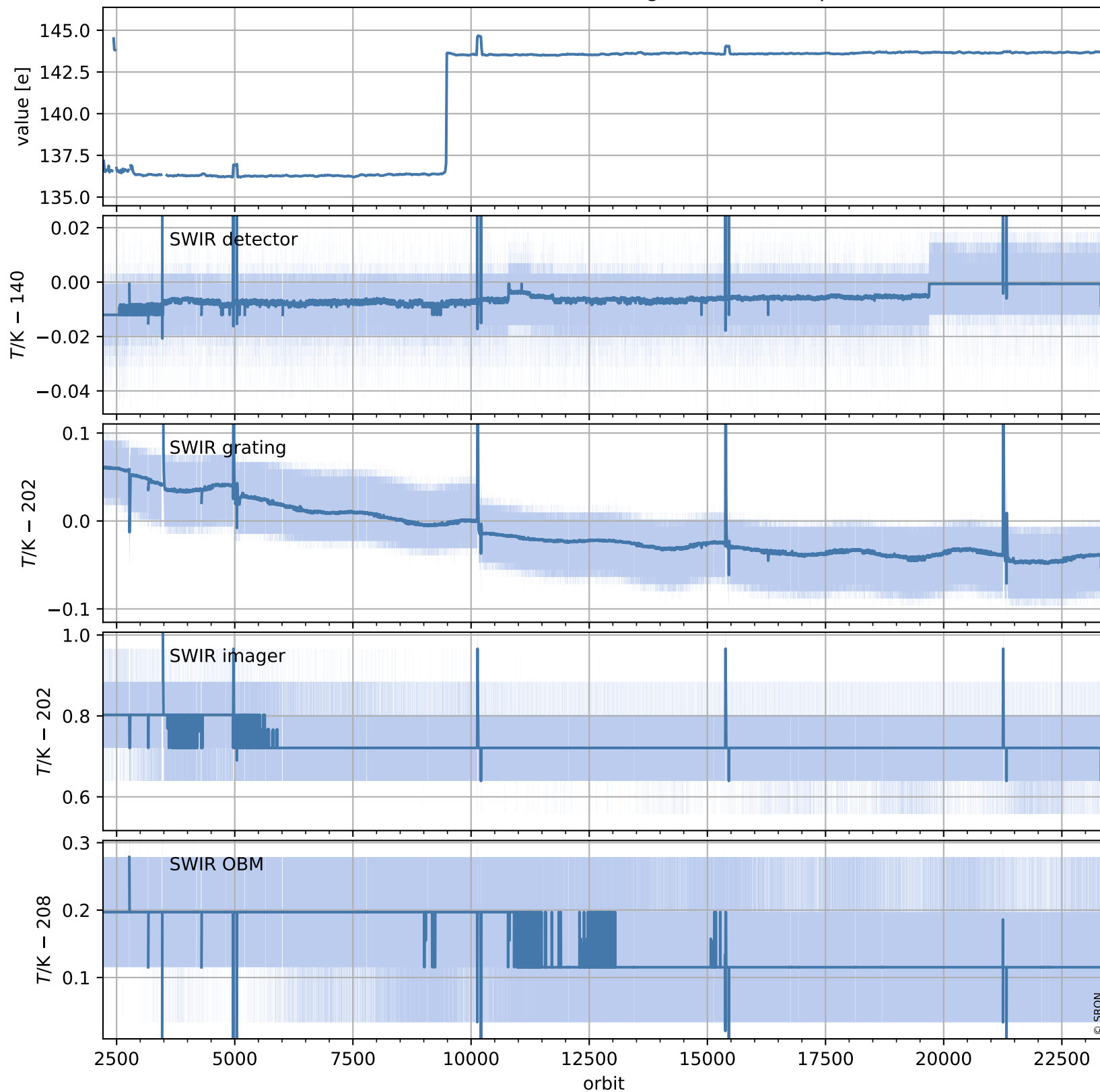
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23407]
coverage : 2018-03-18 / 2022-04-19
created : 2023-08-21T16:30:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23407]
coverage : 2018-03-18 / 2022-04-19
created : 2023-08-21T16:30:09

trend of normalized read-noise & temperatures

