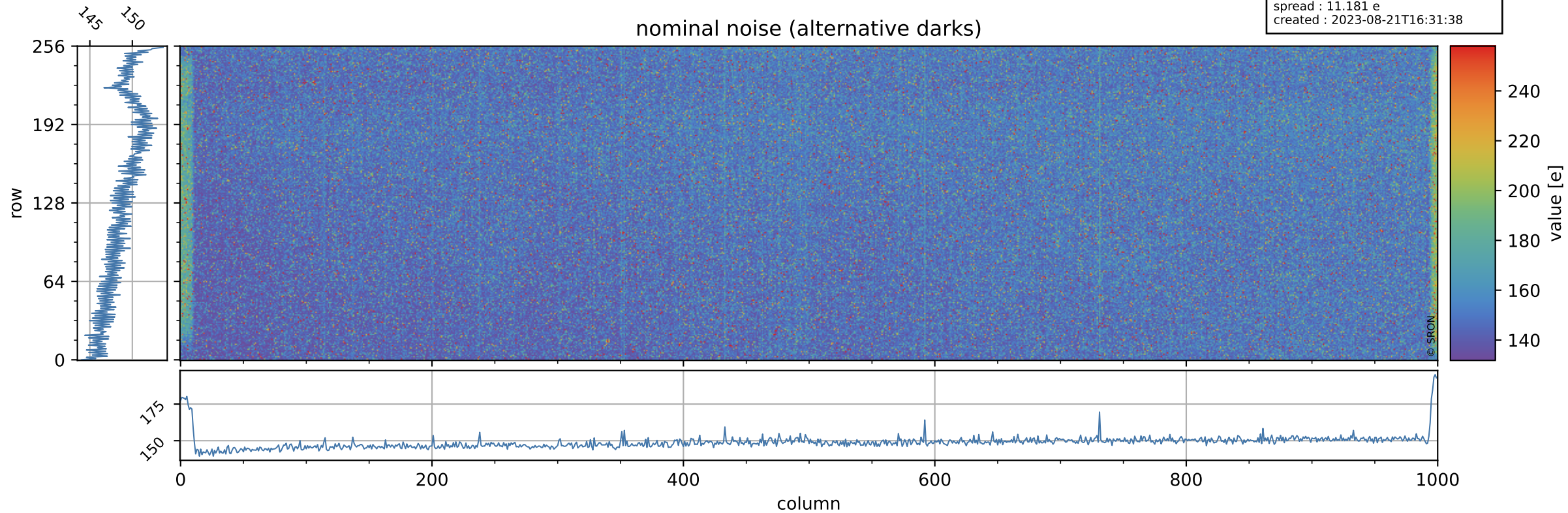


Tropomi SWIR background noise (swir)

orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
n_coad, t_exp : 1, 1.0783
median : 148.72 e
spread : 11.181 e
created : 2023-08-21T16:31:38

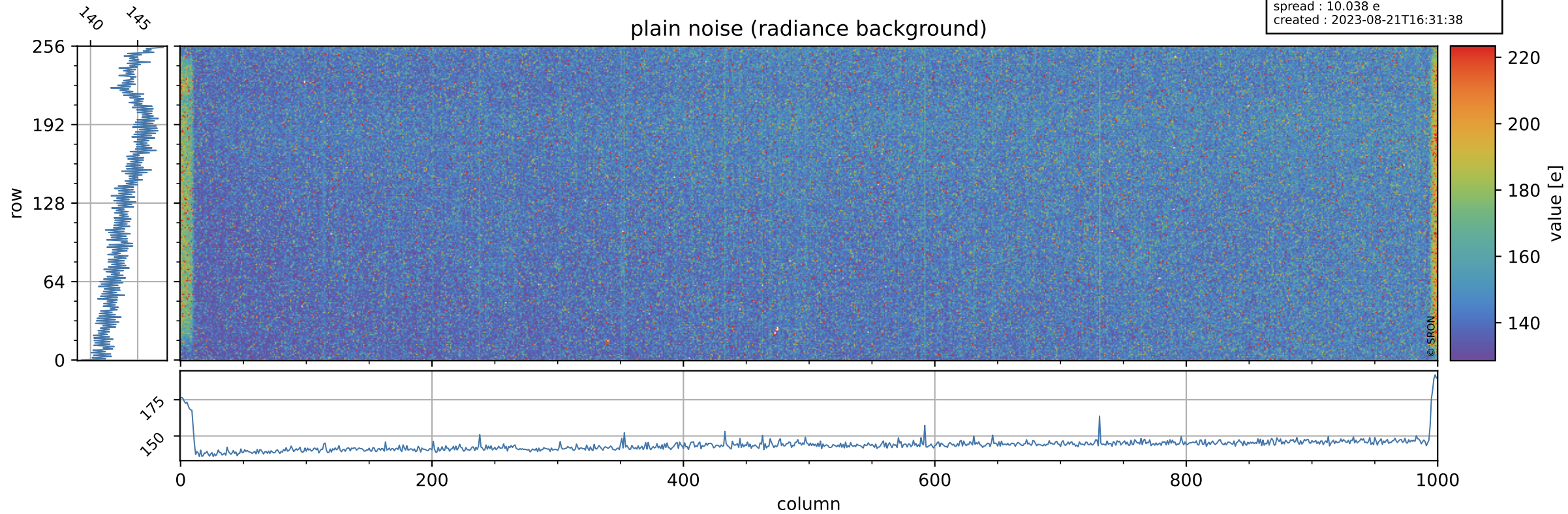
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 10.038 e
created : 2023-08-21T16:31:38

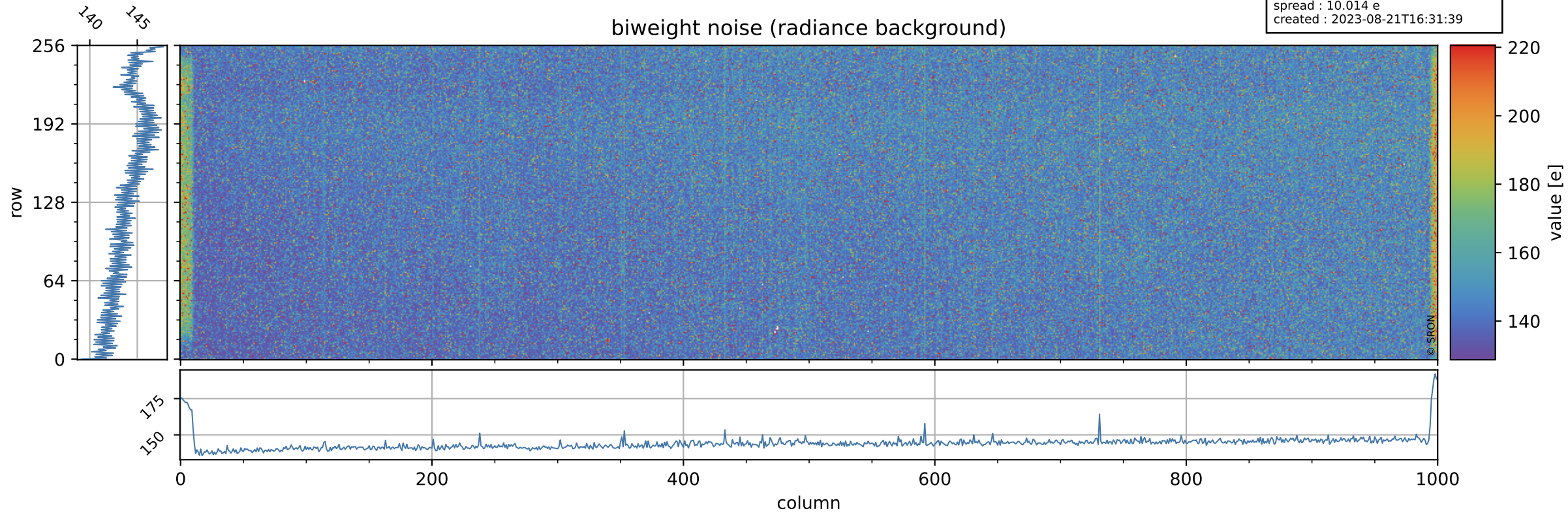
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 10.014 e
created : 2023-08-21T16:31:39

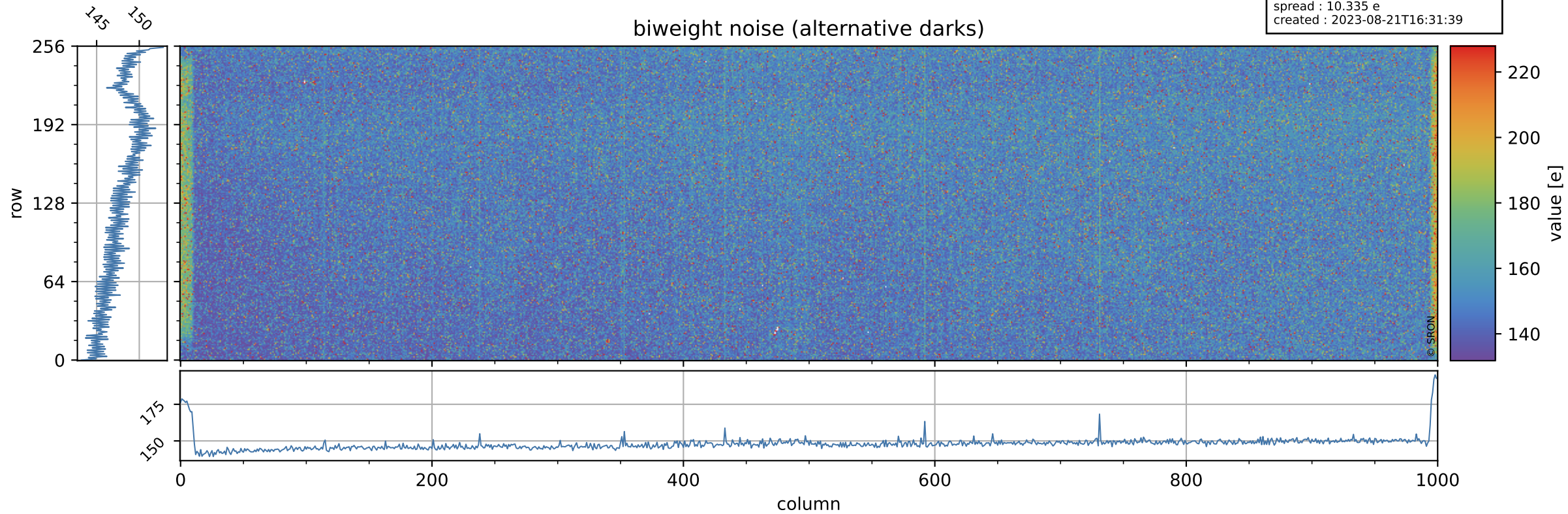
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.335 e
created : 2023-08-21T16:31:39

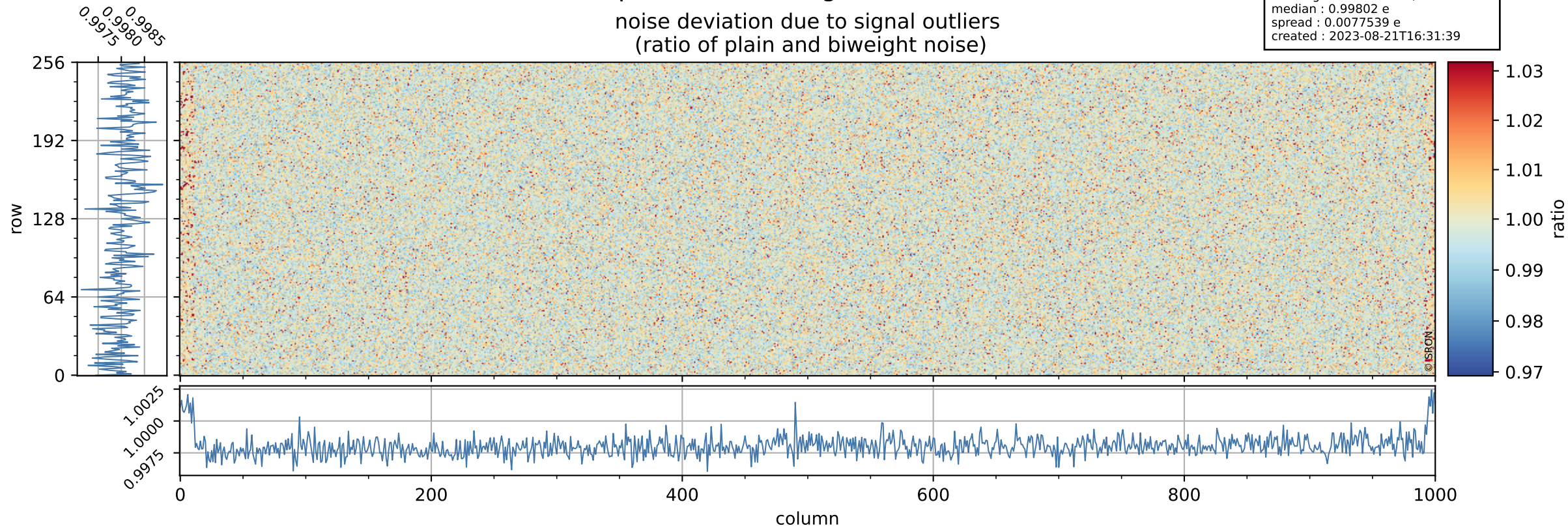
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

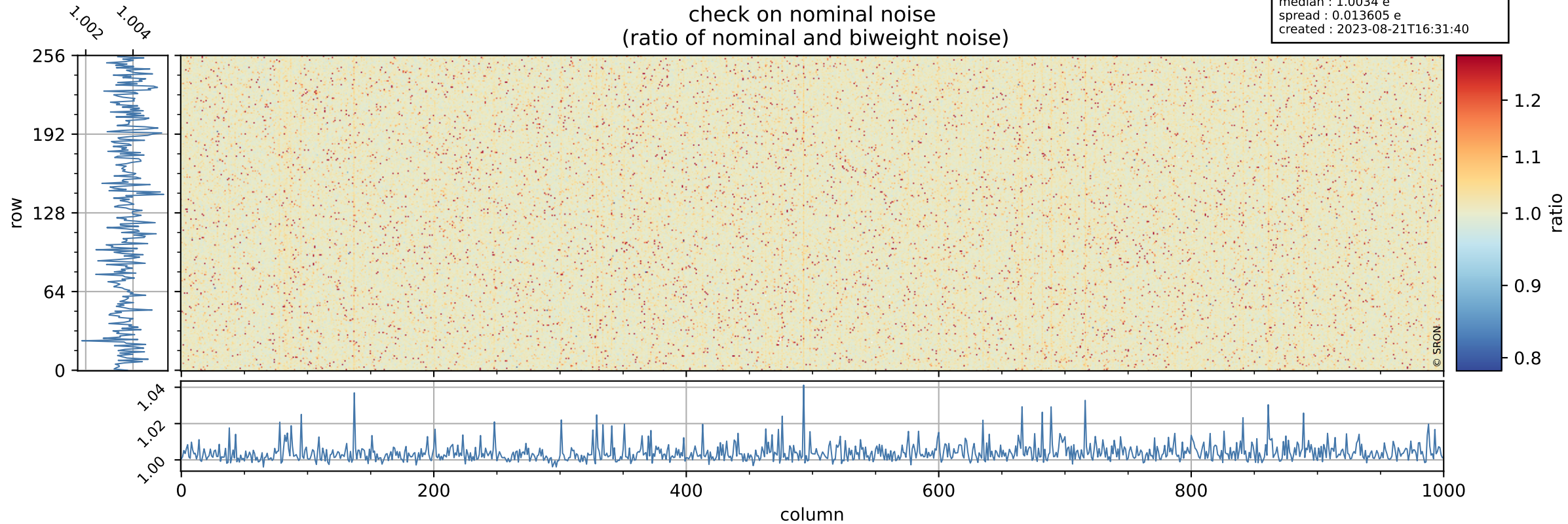
orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
median : 0.99802 e
spread : 0.0077539 e
created : 2023-08-21T16:31:39



Tropomi SWIR background noise (swir)

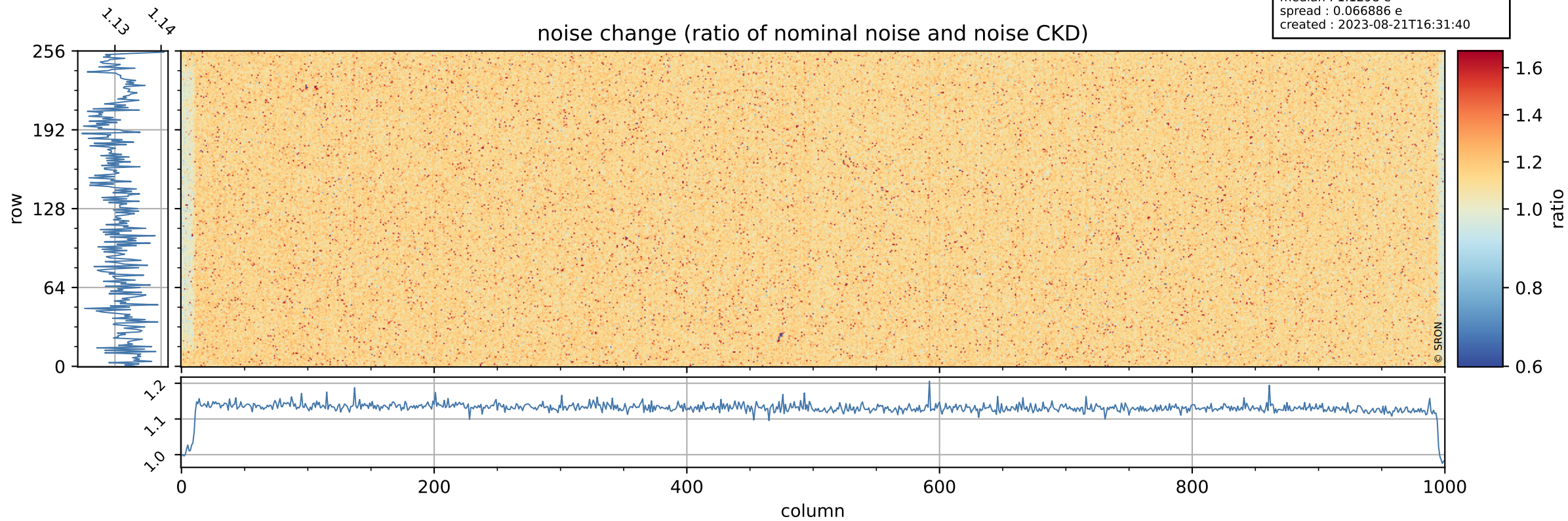
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
median : 1.0034 e
spread : 0.013605 e
created : 2023-08-21T16:31:40



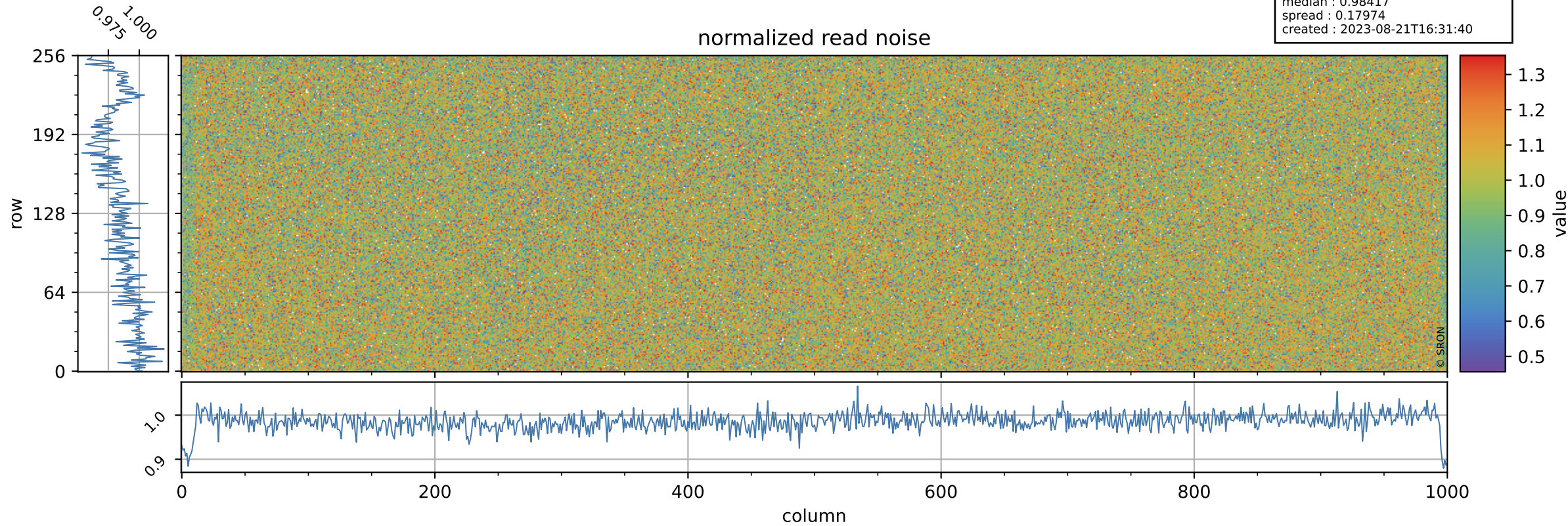
Tropomi SWIR background noise (swir)

orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
median : 1.1298 e
spread : 0.066886 e
created : 2023-08-21T16:31:40



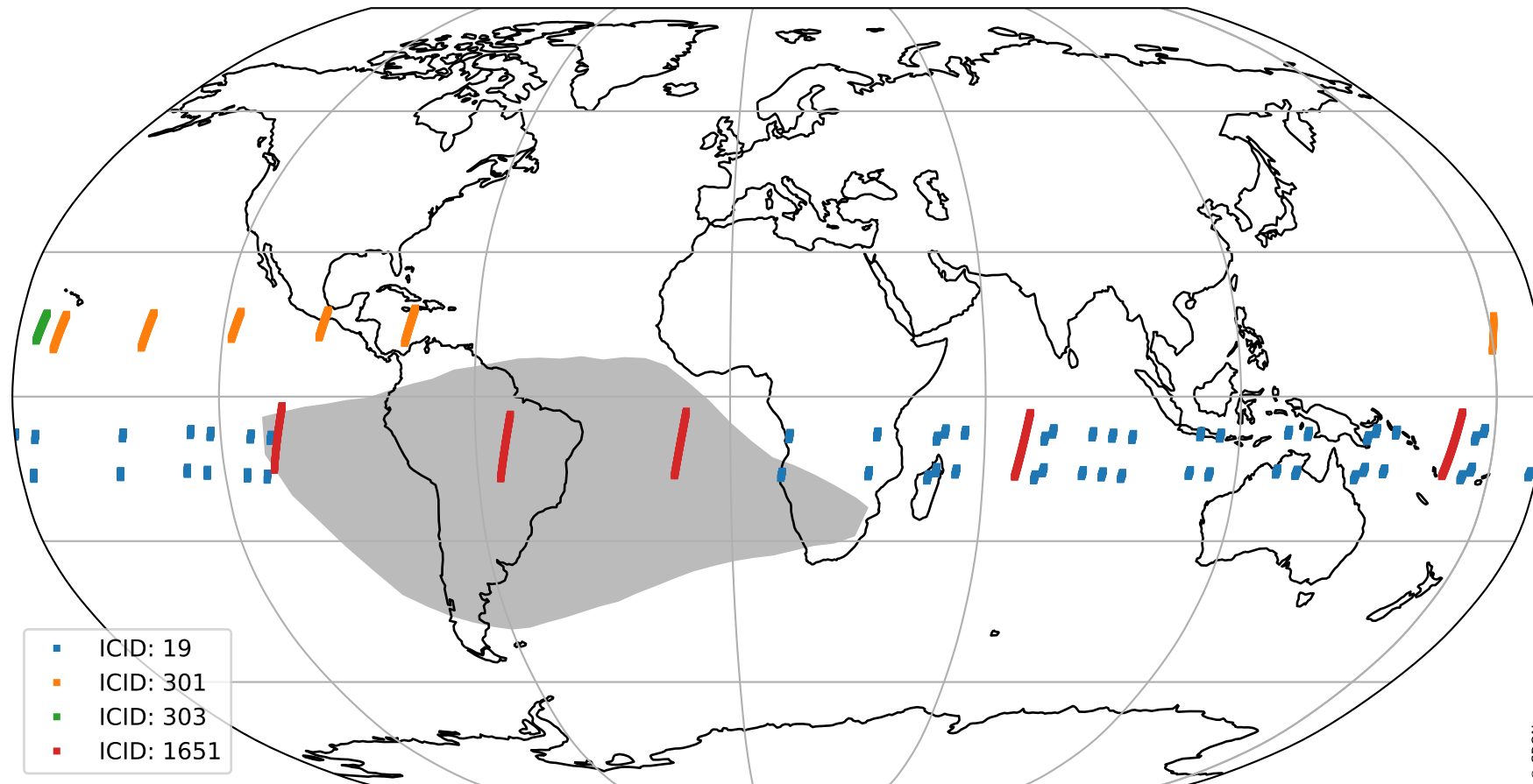
Tropomi SWIR background noise (swir)

orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
median : 0.98417
spread : 0.17974
created : 2023-08-21T16:31:40



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

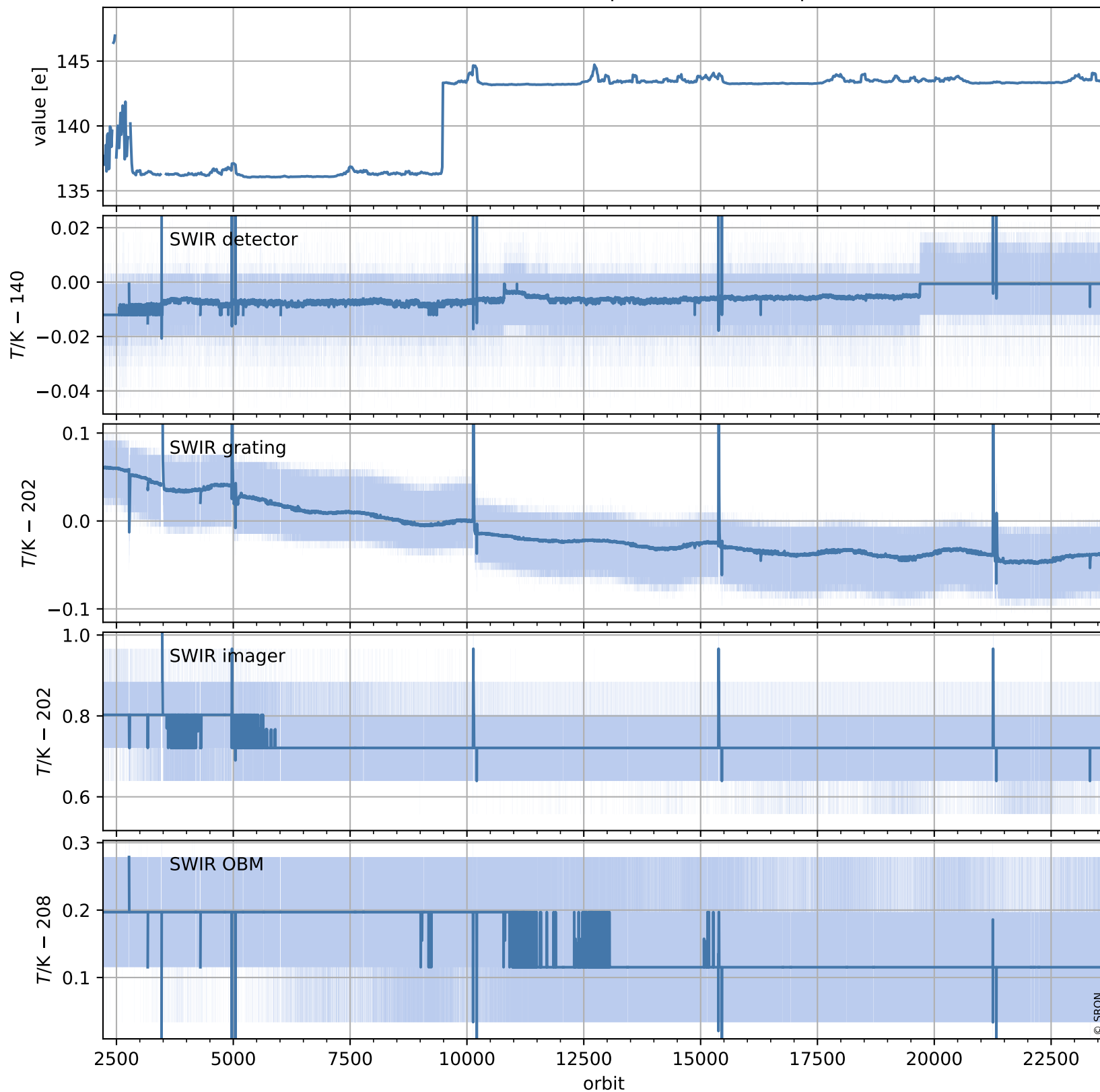
orbits : 12 in [23557, 23647]
coverage : 2022-05-01 / 2022-05-07
created : 2023-08-21T16:31:41



Tropomi SWIR background noise (swir)

orbits : [2212, 23647]
coverage : 2018-03-18 / 2022-05-07
created : 2023-08-21T16:31:41

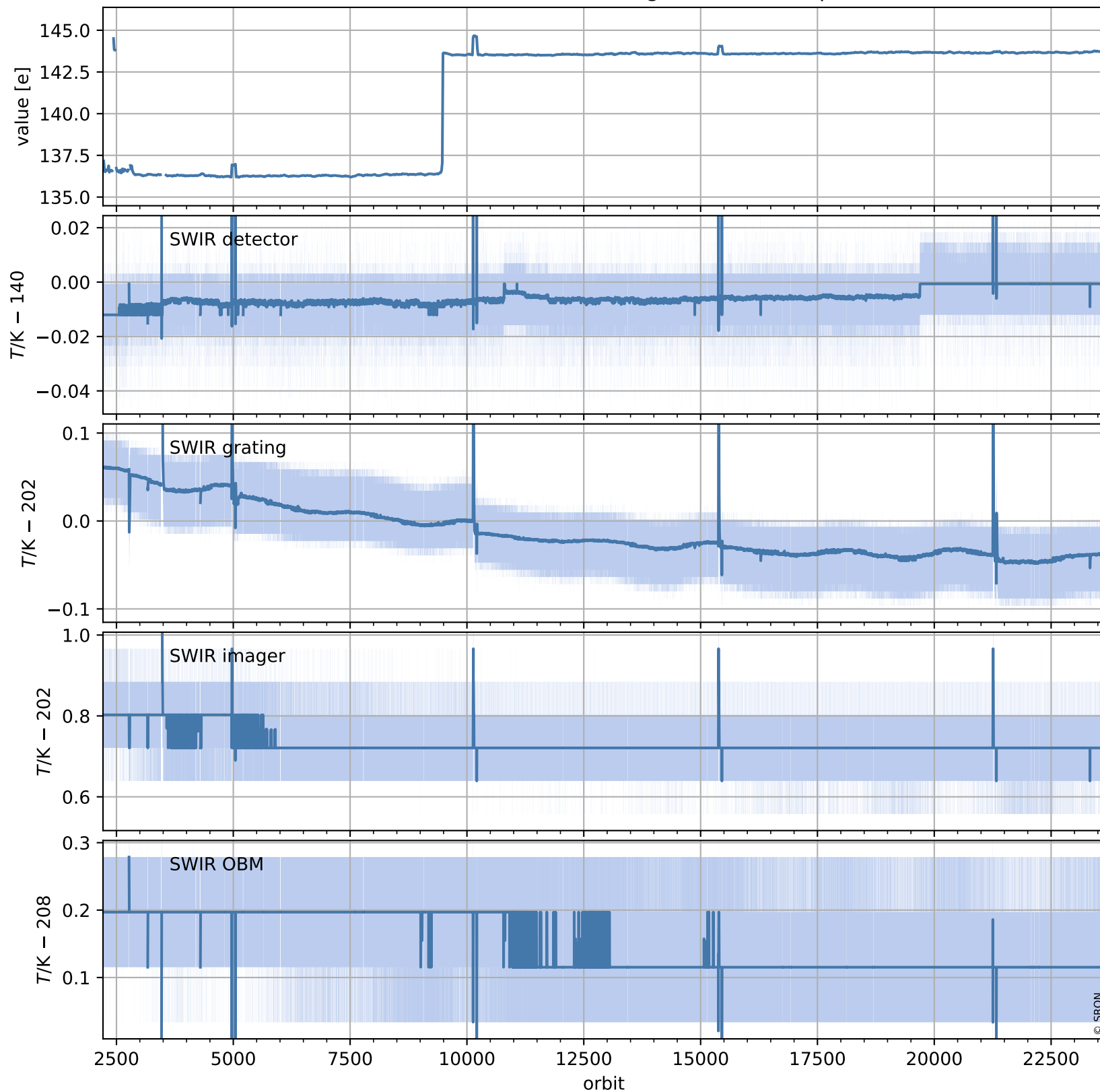
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23647]
coverage : 2018-03-18 / 2022-05-07
created : 2023-08-21T16:31:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23647]
coverage : 2018-03-18 / 2022-05-07
created : 2023-08-21T16:31:43

trend of normalized read-noise & temperatures

