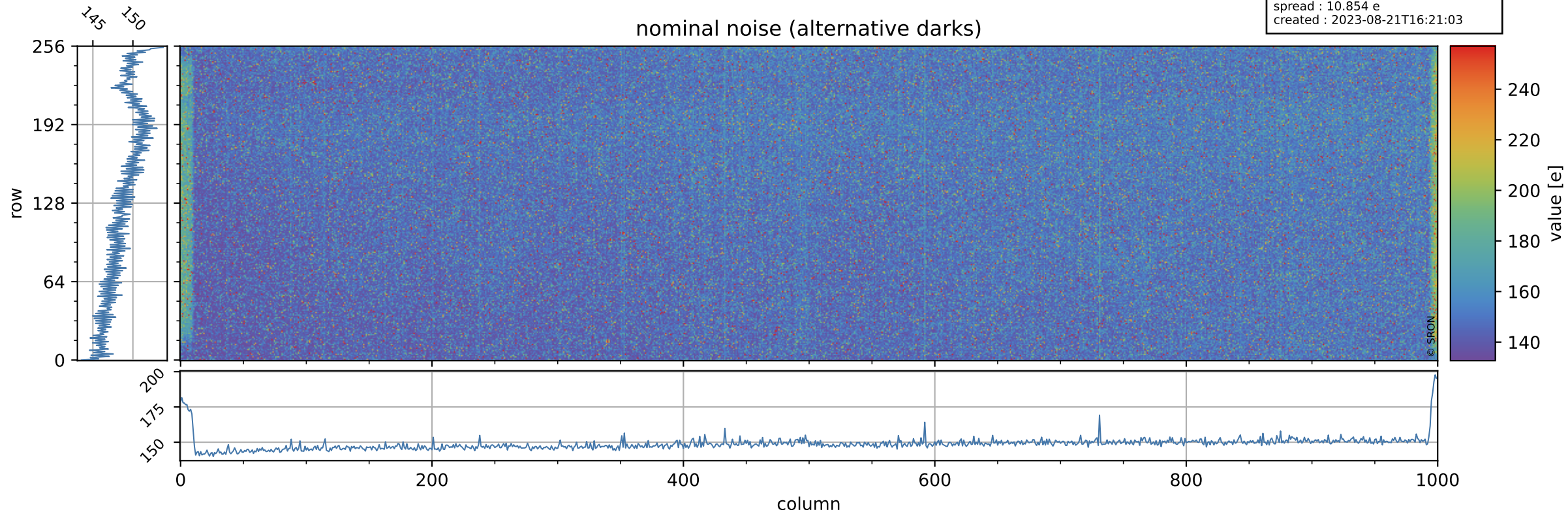


Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.854 e
created : 2023-08-21T16:21:03

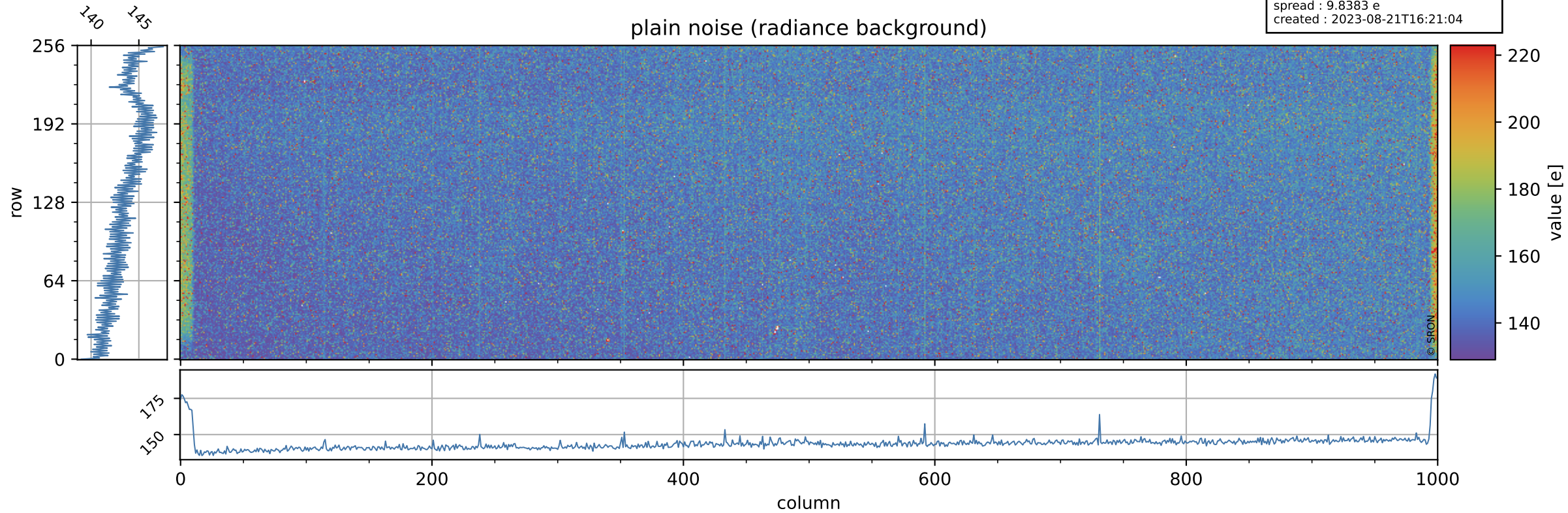
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8383 e
created : 2023-08-21T16:21:04

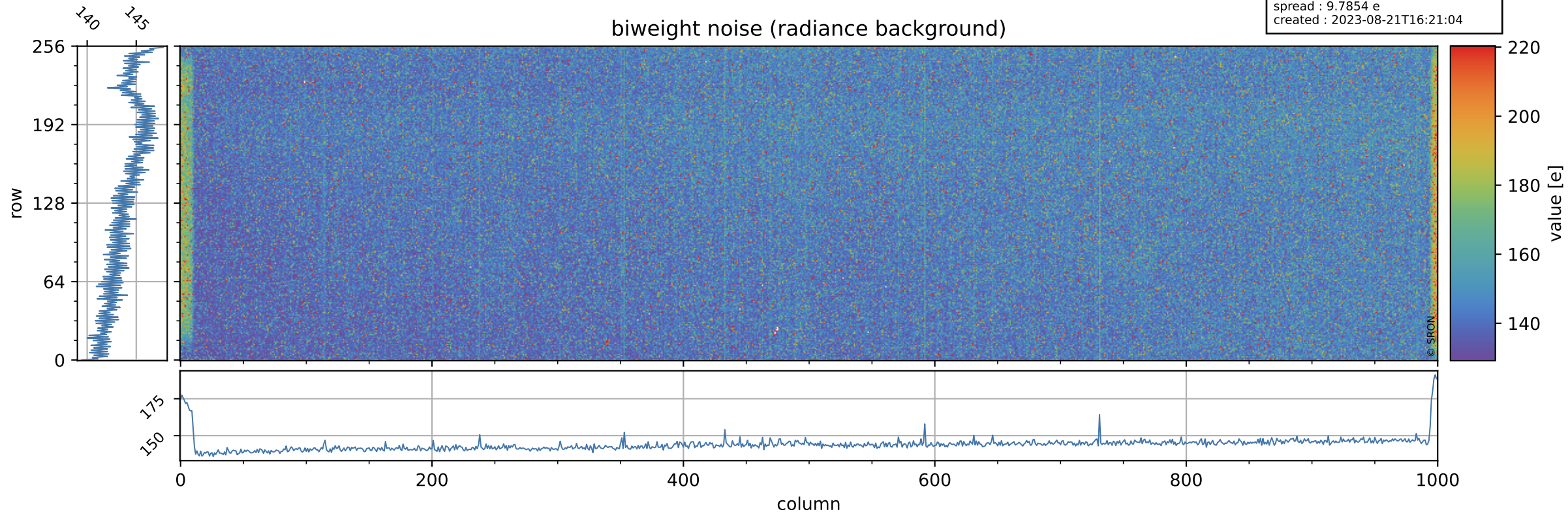
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7854 e
created : 2023-08-21T16:21:04

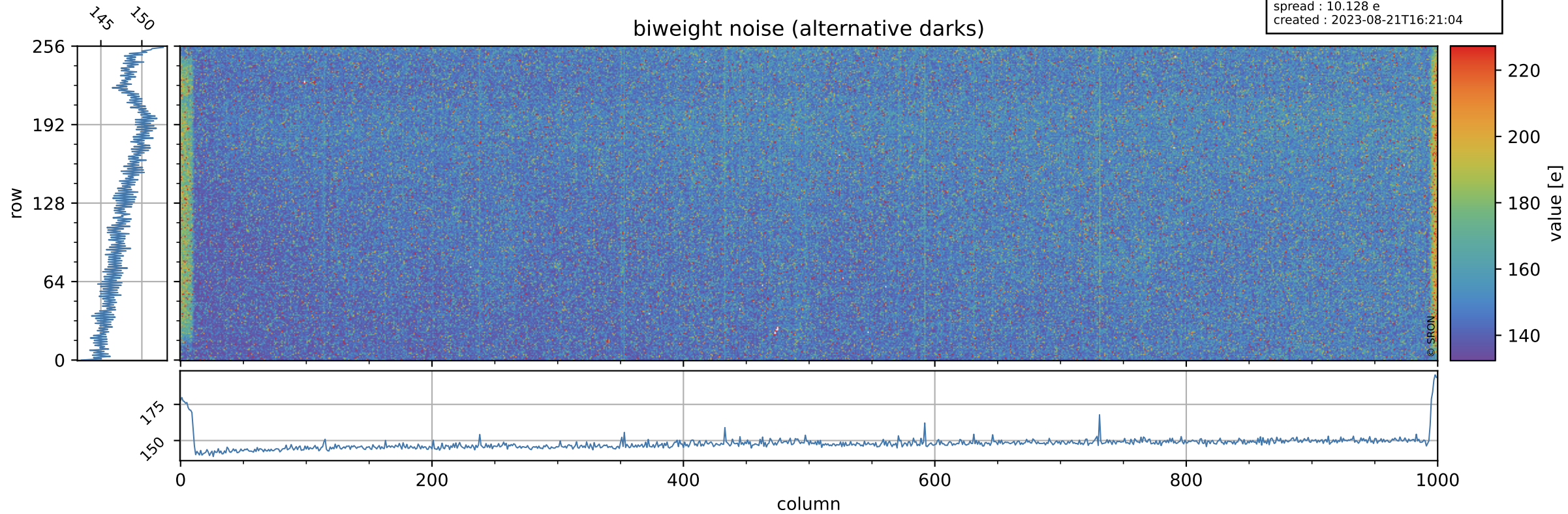
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.128 e
created : 2023-08-21T16:21:04

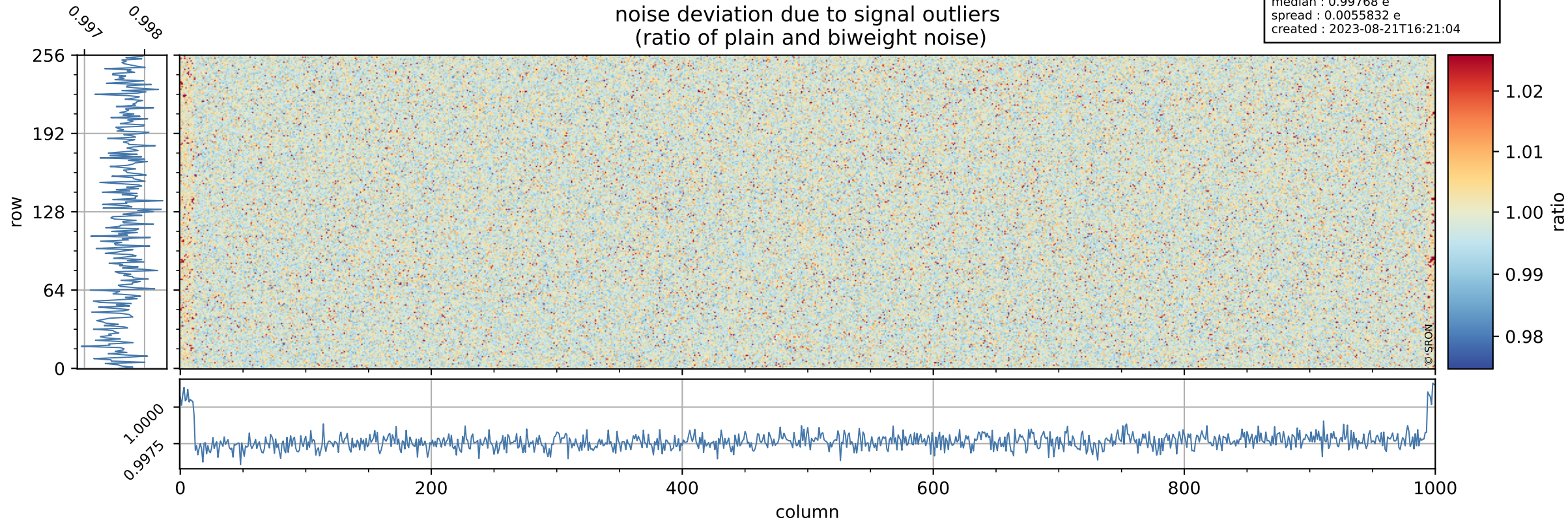
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

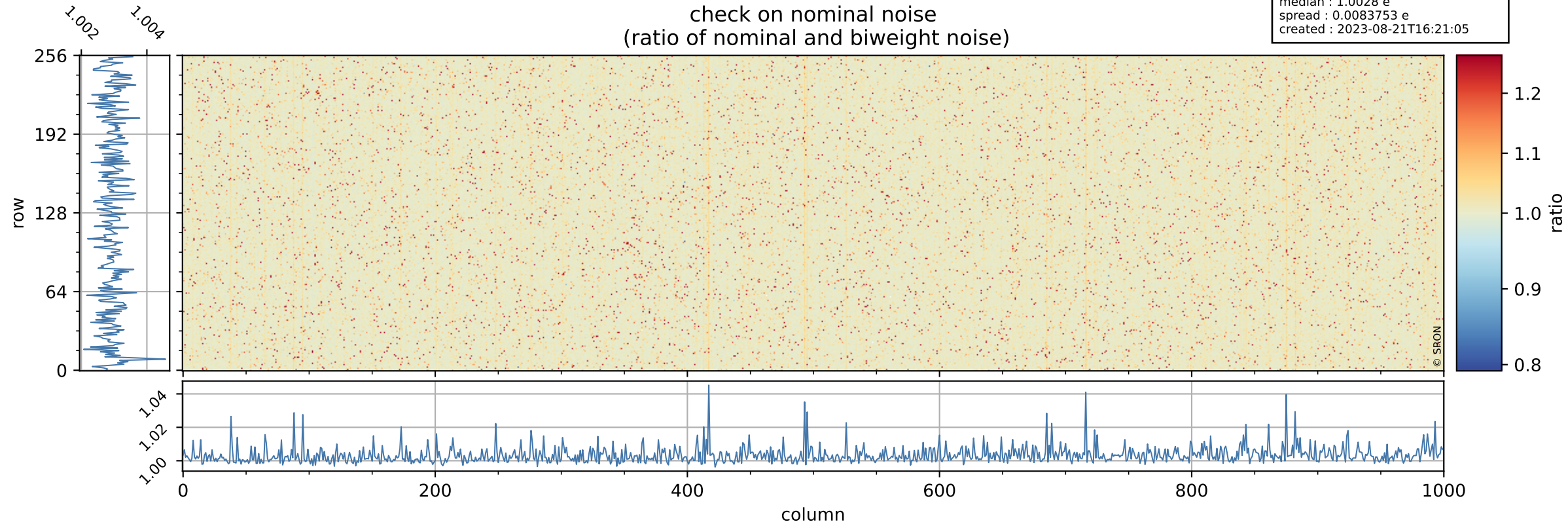
orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
median : 0.99768 e
spread : 0.0055832 e
created : 2023-08-21T16:21:04



Tropomi SWIR background noise (swir)

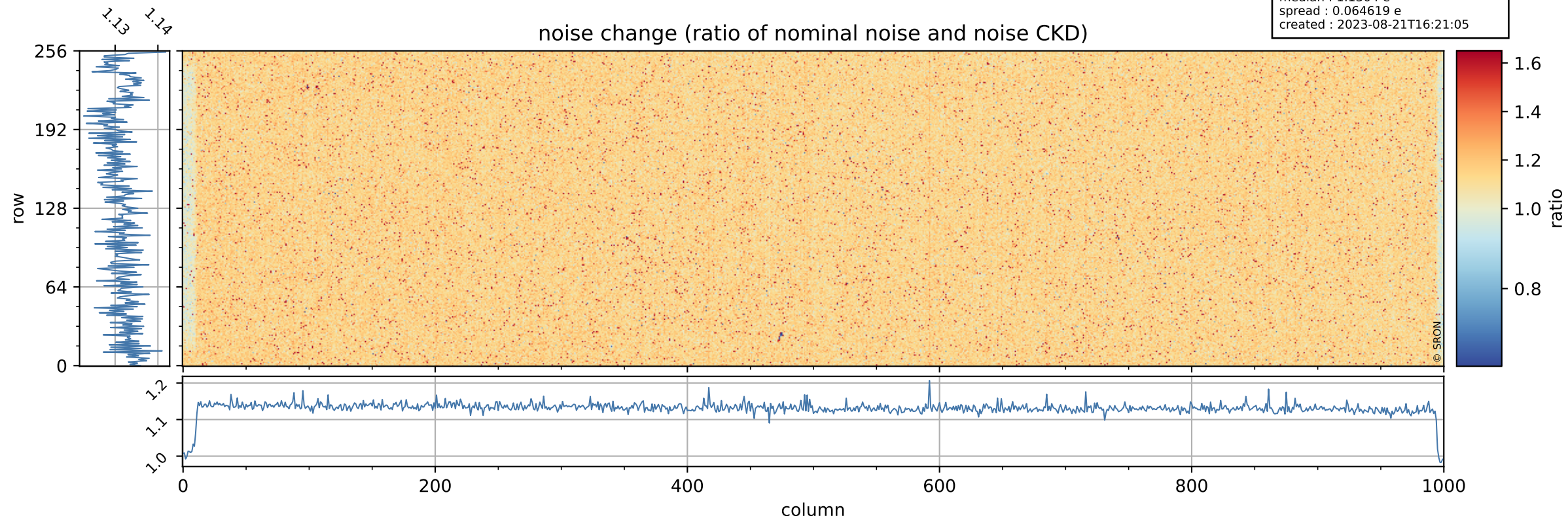
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
median : 1.0028 e
spread : 0.0083753 e
created : 2023-08-21T16:21:05



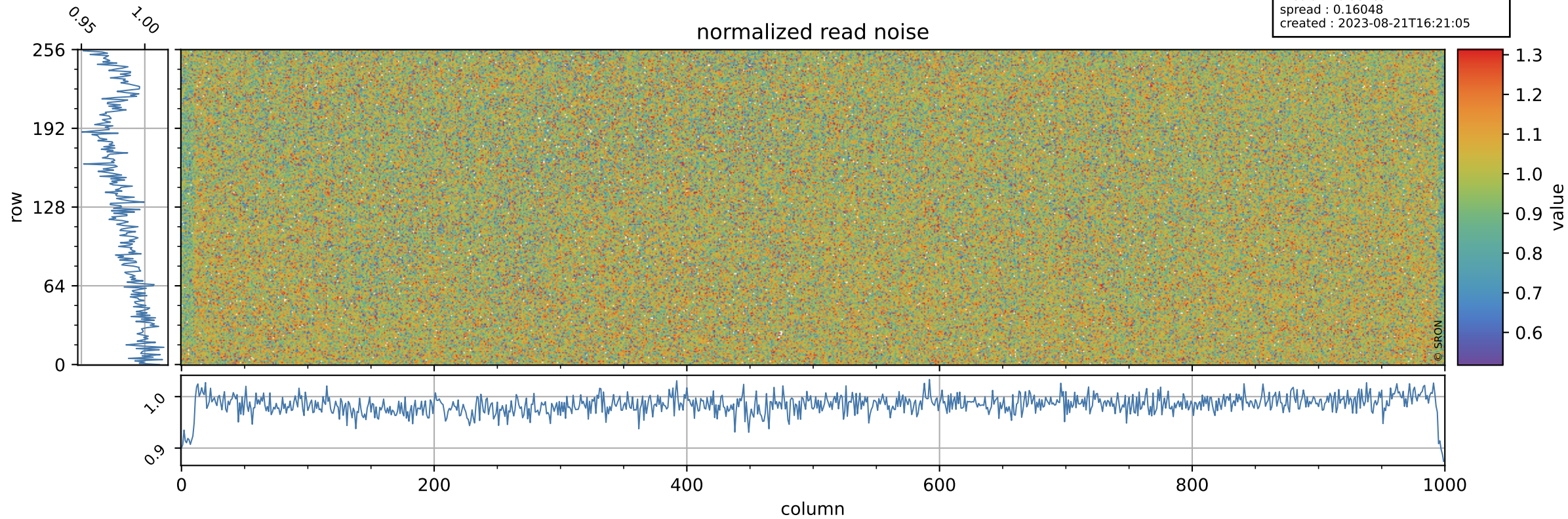
Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
median : 1.1304 e
spread : 0.064619 e
created : 2023-08-21T16:21:05



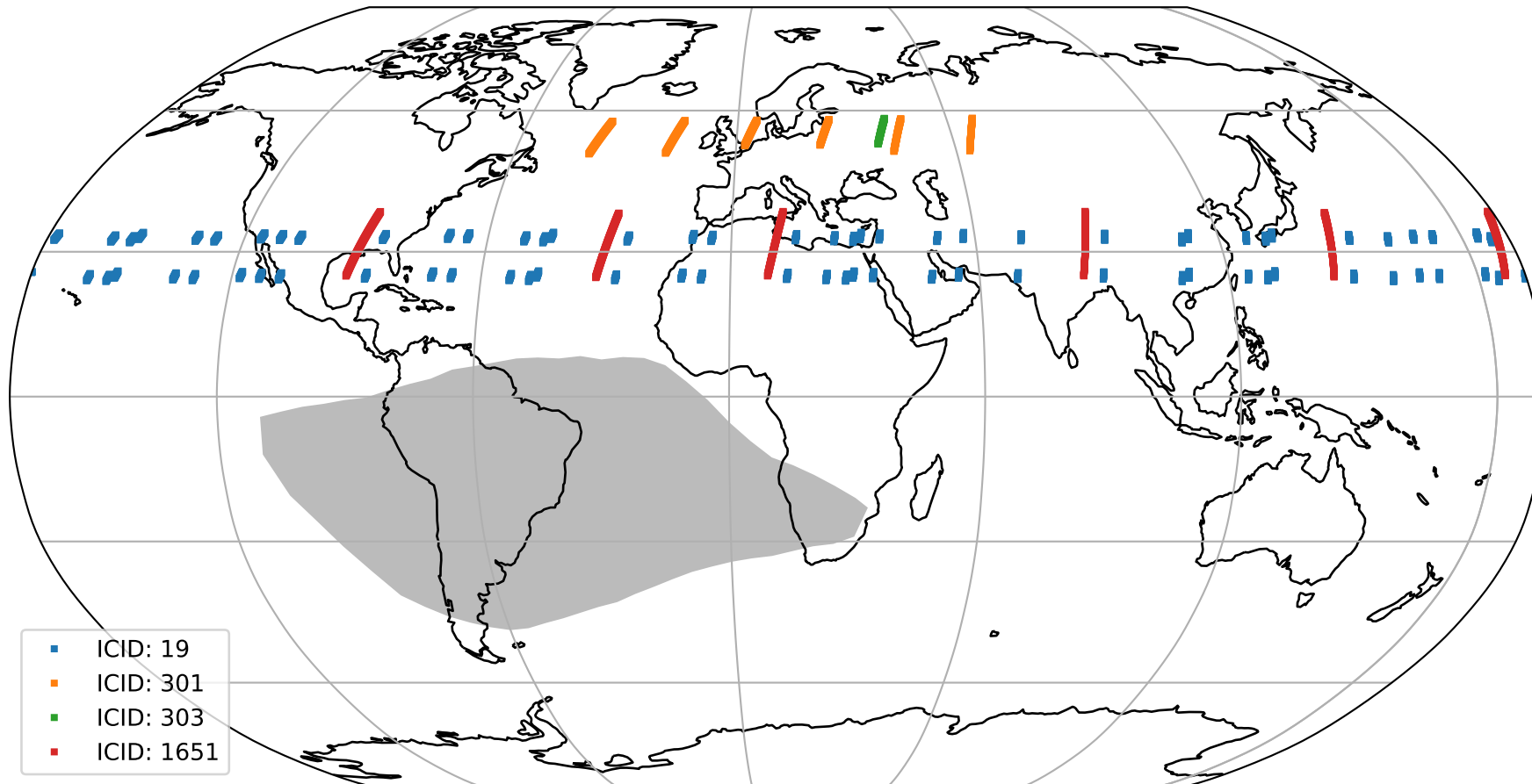
Tropomi SWIR background noise (swir)

orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
median : 0.98285
spread : 0.16048
created : 2023-08-21T16:21:05



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

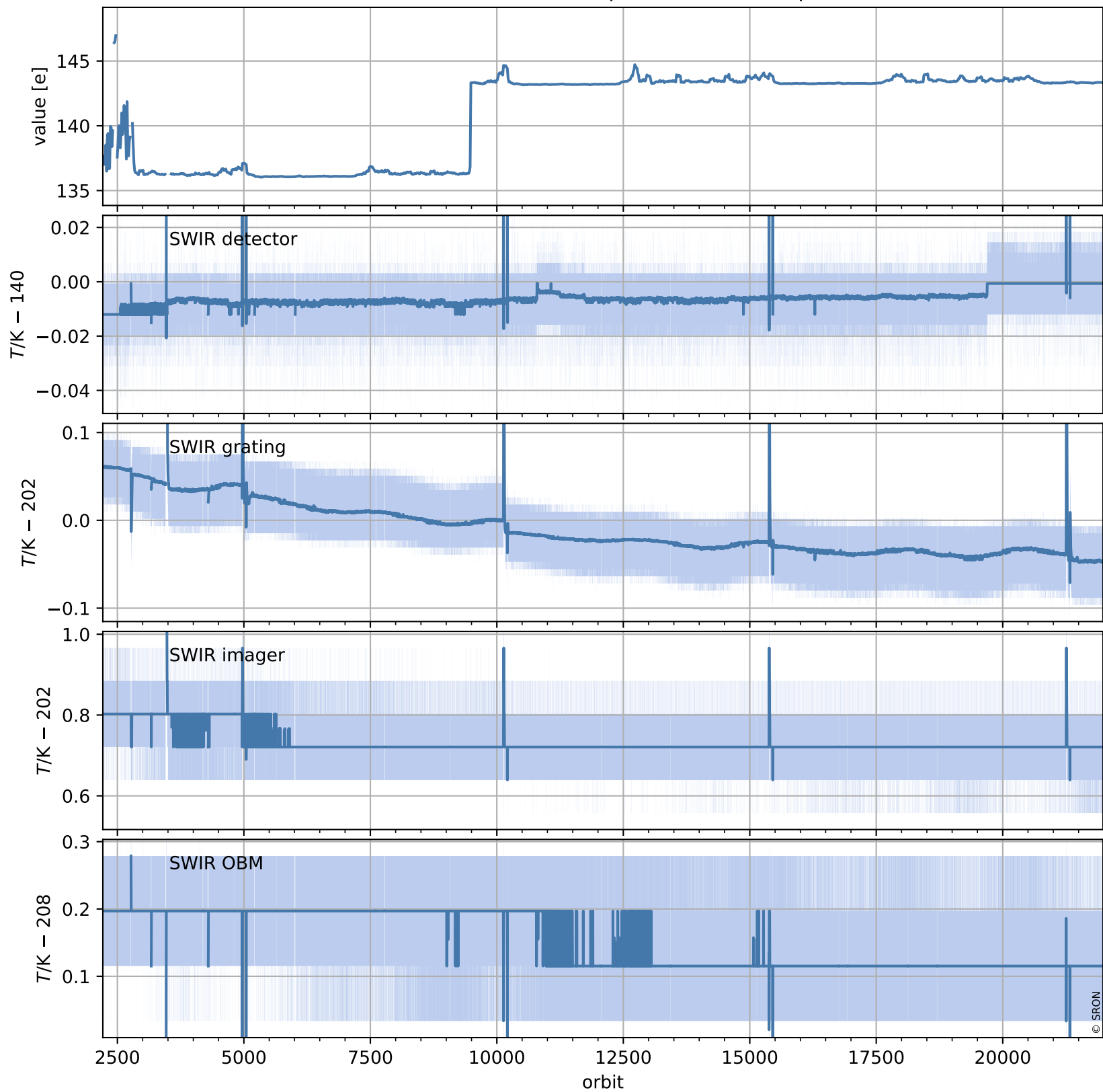
orbits : 13 in [21907, 21982]
coverage : 2022-01-03 / 2022-01-09
created : 2023-08-21T16:21:06



Tropomi SWIR background noise (swir)

orbits : [2212, 21982]
coverage : 2018-03-18 / 2022-01-09
created : 2023-08-21T16:21:06

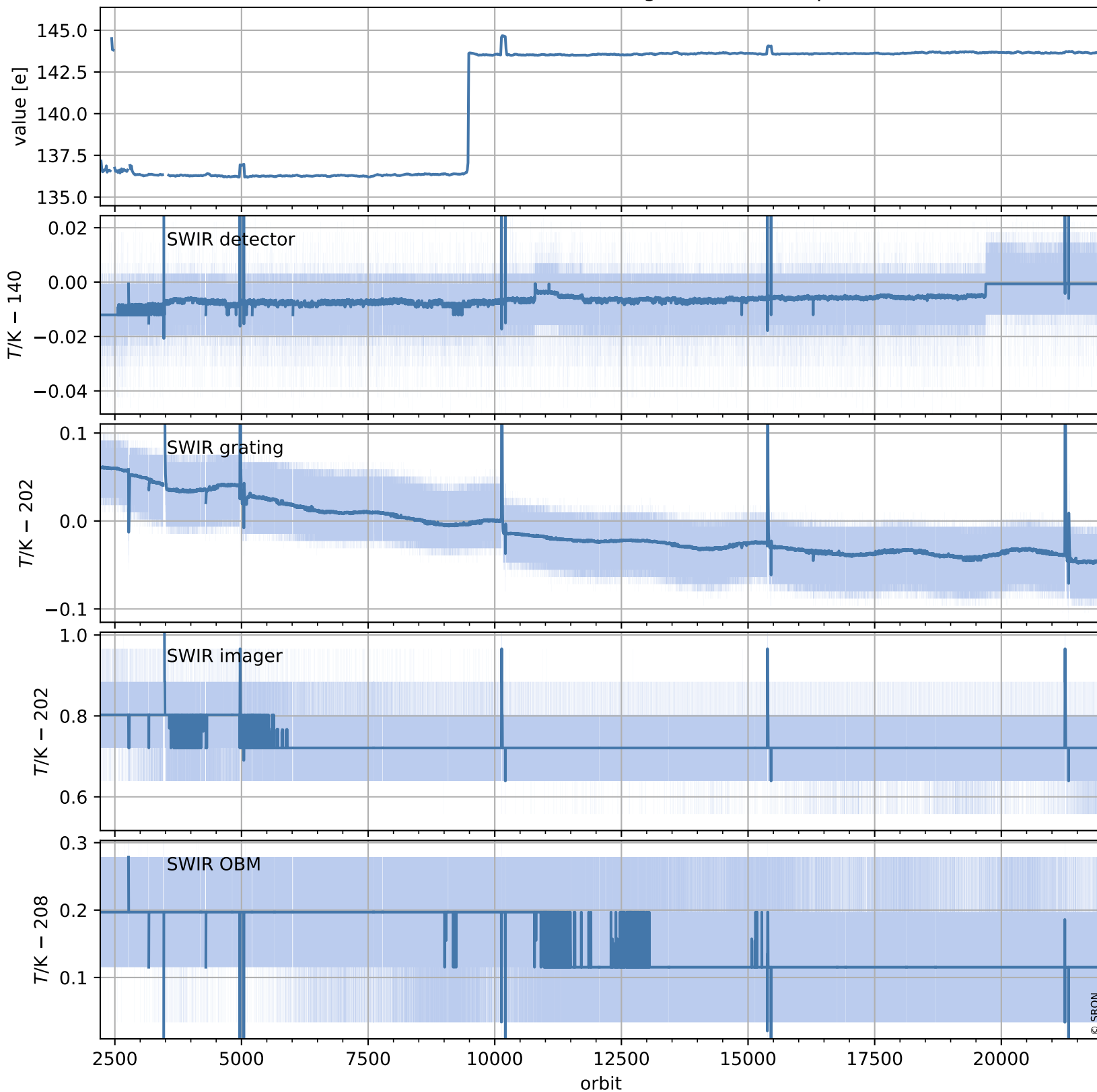
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21982]
coverage : 2018-03-18 / 2022-01-09
created : 2023-08-21T16:21:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21982]
coverage : 2018-03-18 / 2022-01-09
created : 2023-08-21T16:21:08

trend of normalized read-noise & temperatures

