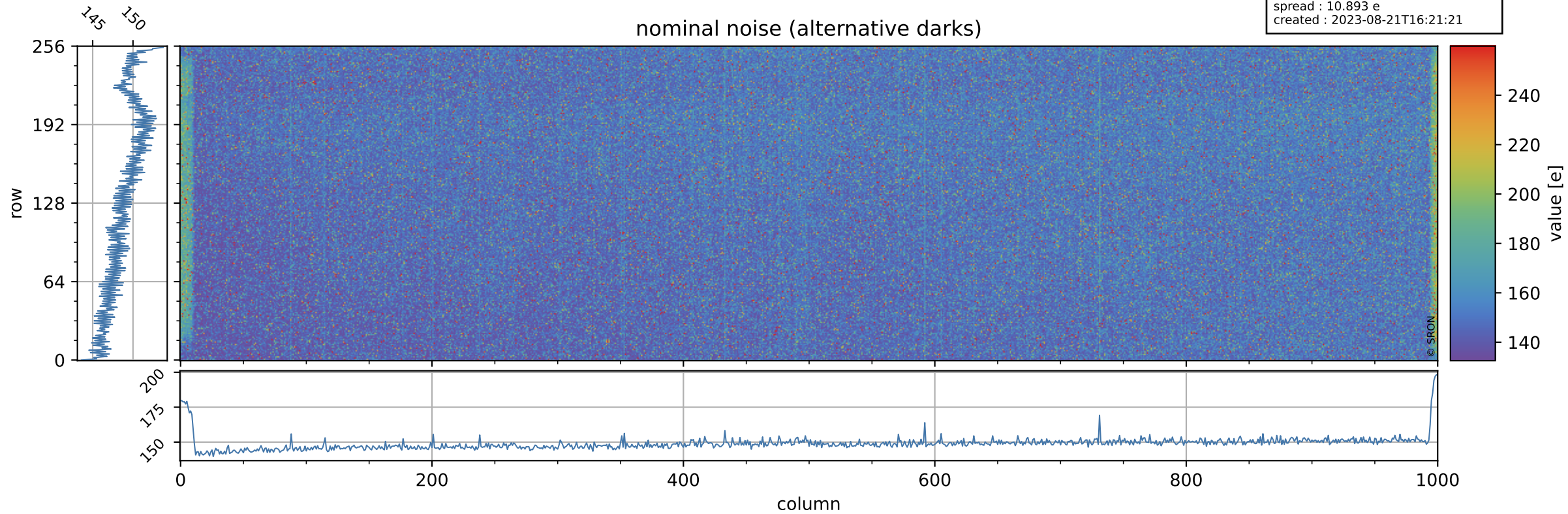


Tropomi SWIR background noise (swir)

orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.893 e
created : 2023-08-21T16:21:21

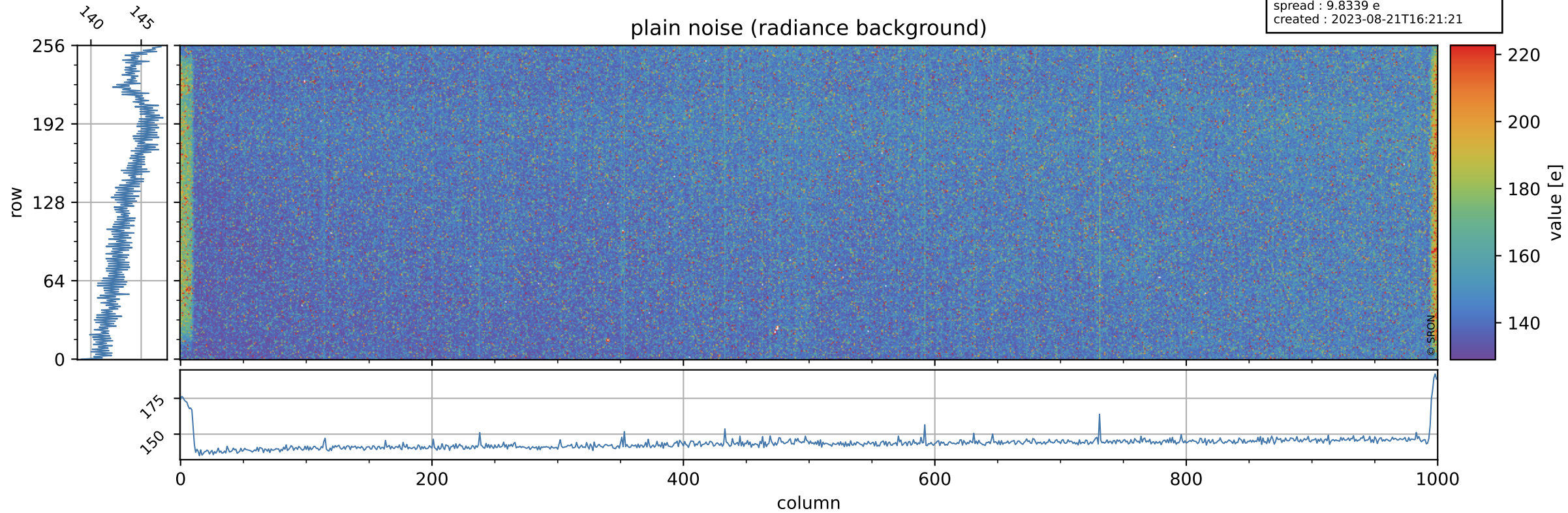
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8339 e
created : 2023-08-21T16:21:21

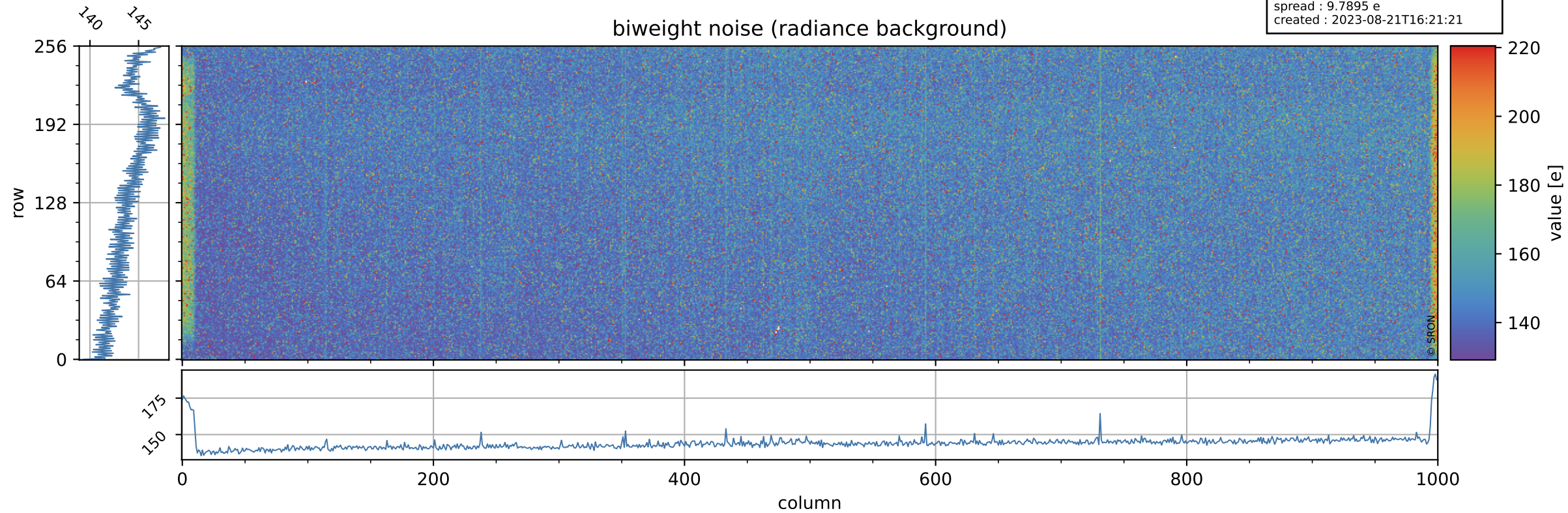
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7895 e
created : 2023-08-21T16:21:21

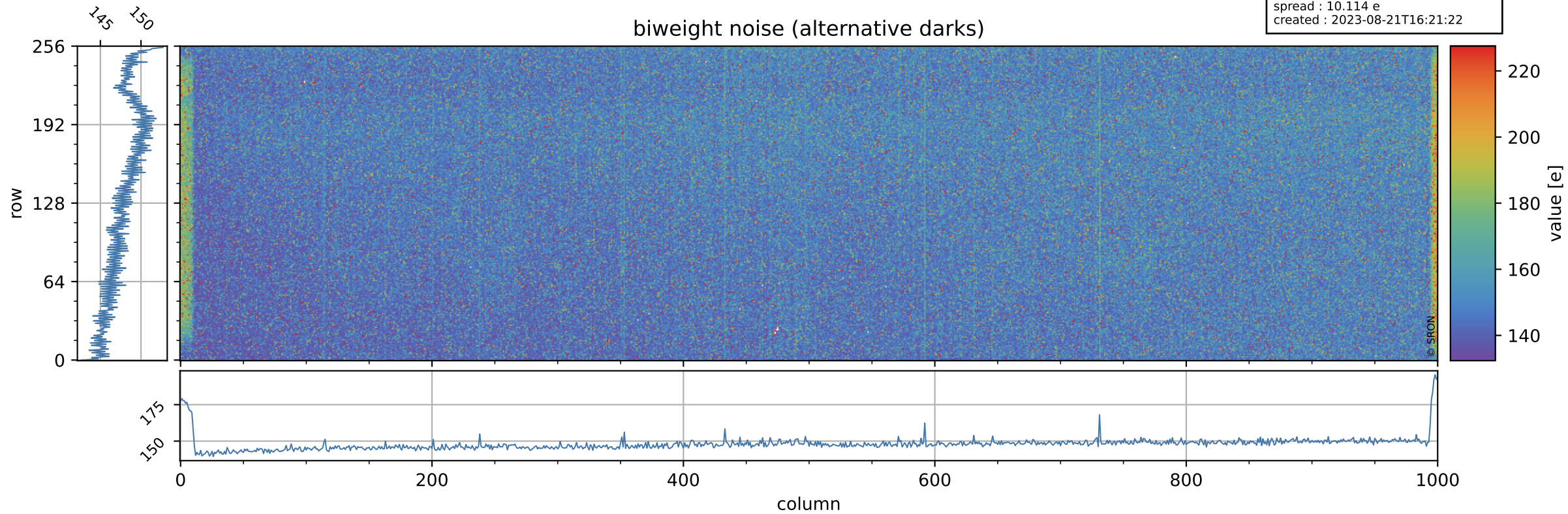
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.114 e
created : 2023-08-21T16:21:22

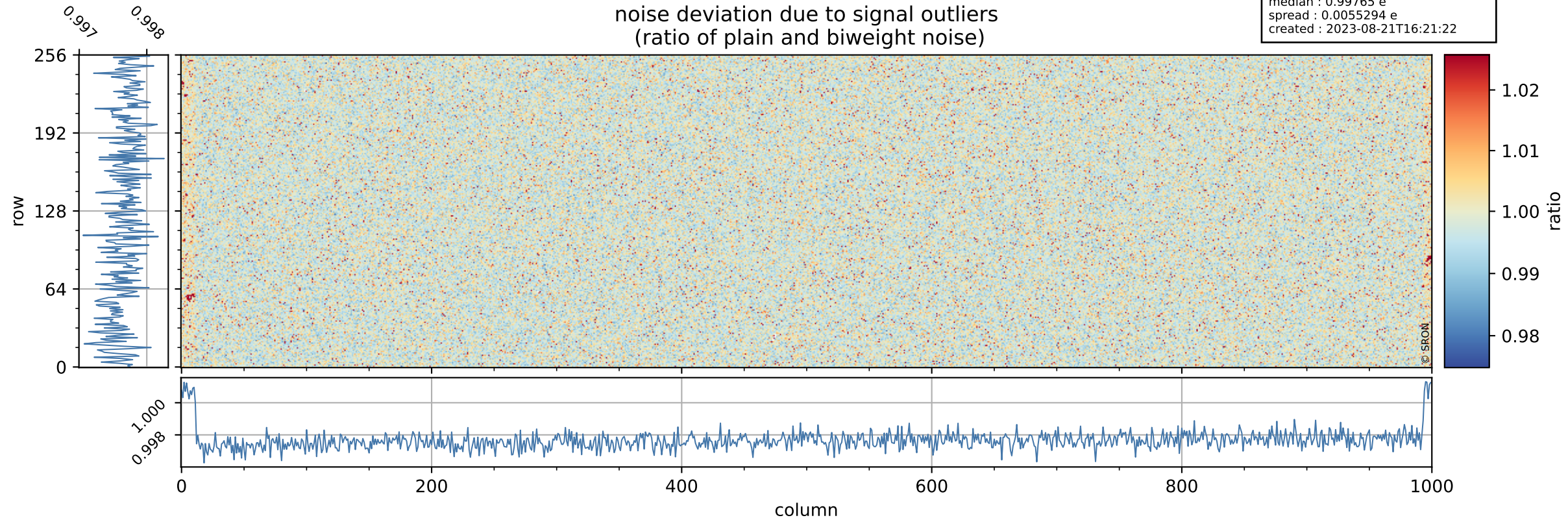
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

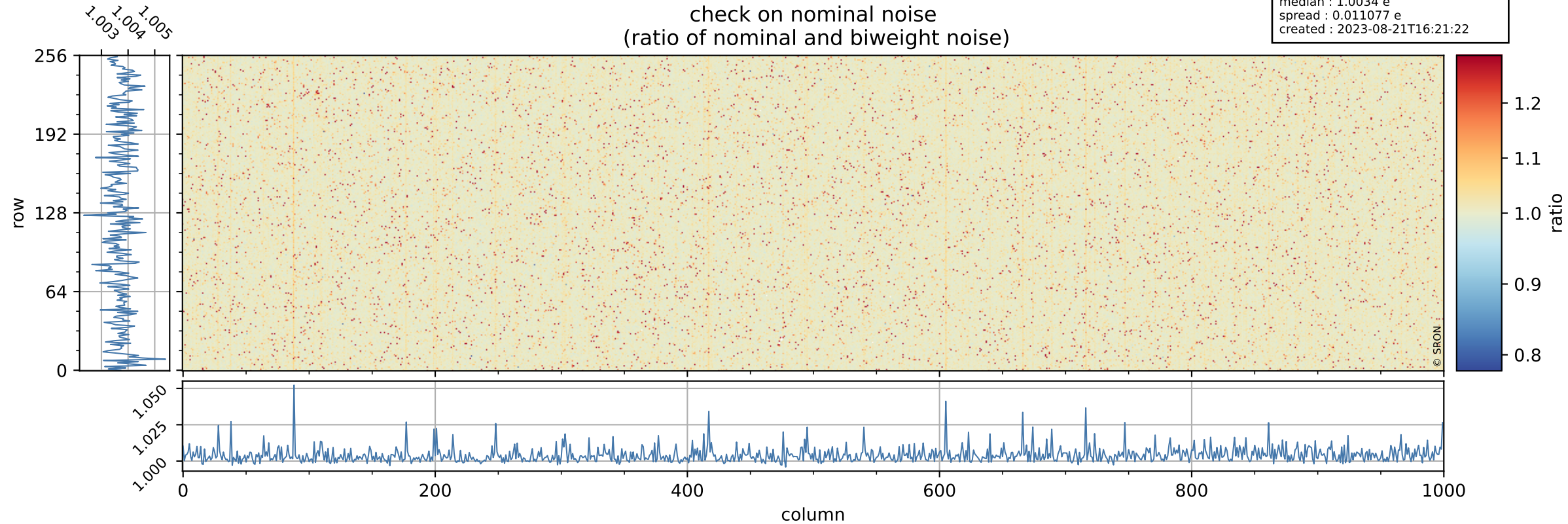
orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
median : 0.99765 e
spread : 0.0055294 e
created : 2023-08-21T16:21:22



Tropomi SWIR background noise (swir)

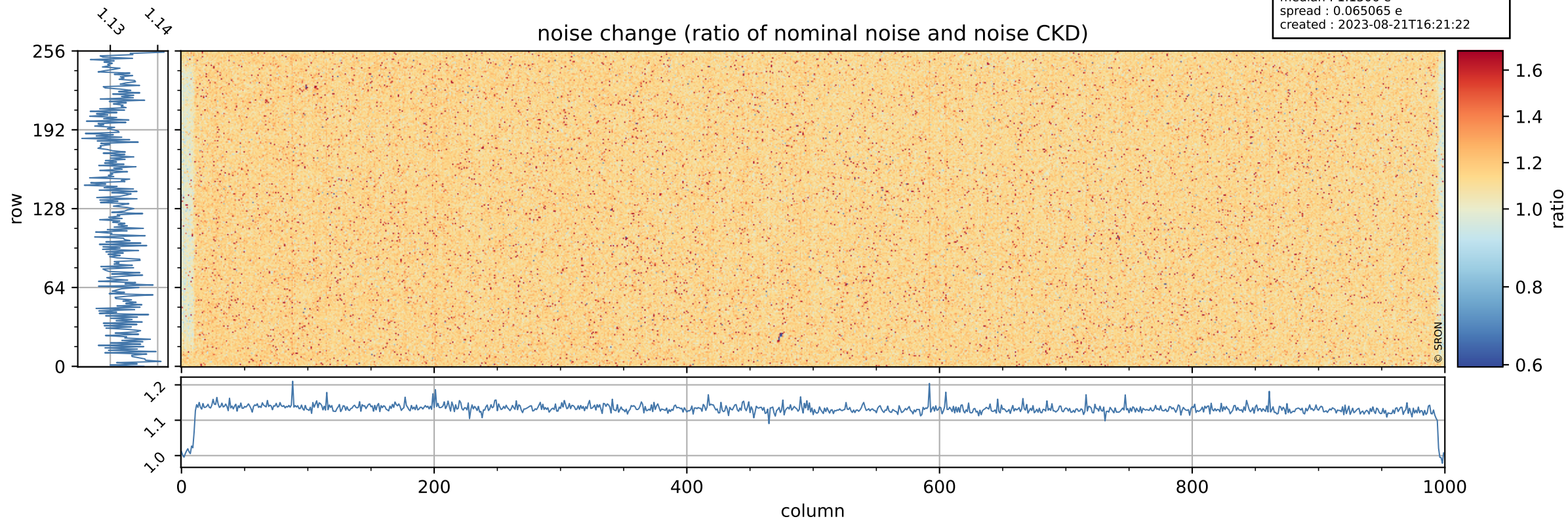
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
median : 1.0034 e
spread : 0.011077 e
created : 2023-08-21T16:21:22



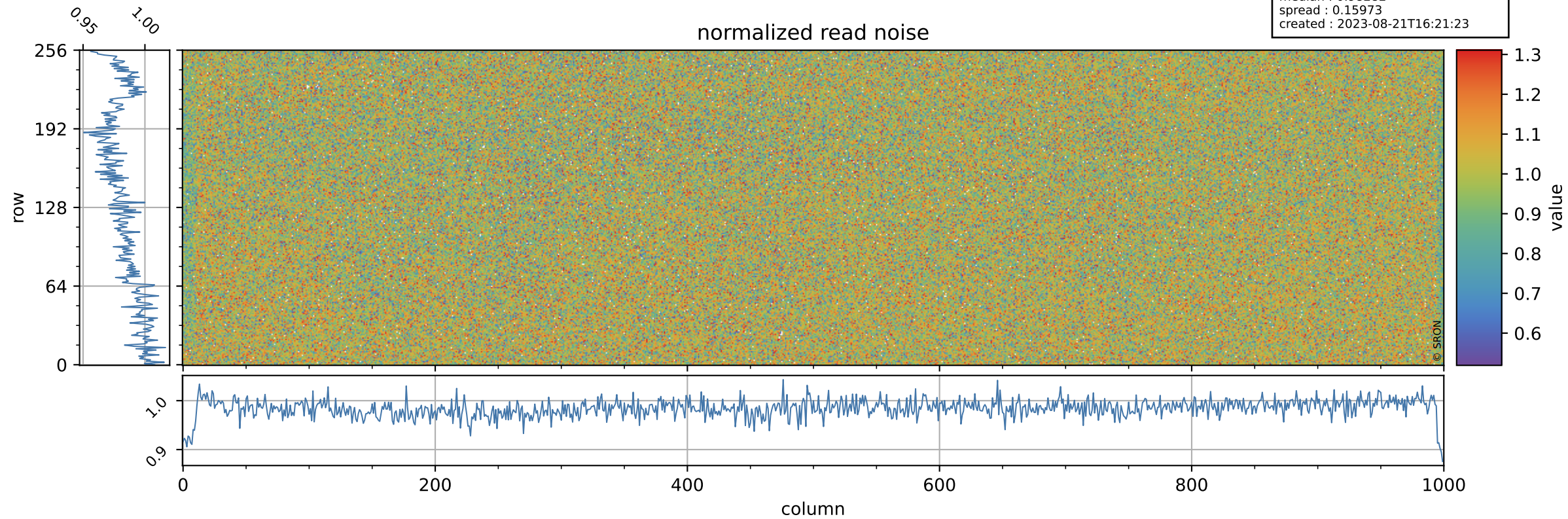
Tropomi SWIR background noise (swir)

orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
median : 1.1306 e
spread : 0.065065 e
created : 2023-08-21T16:21:22



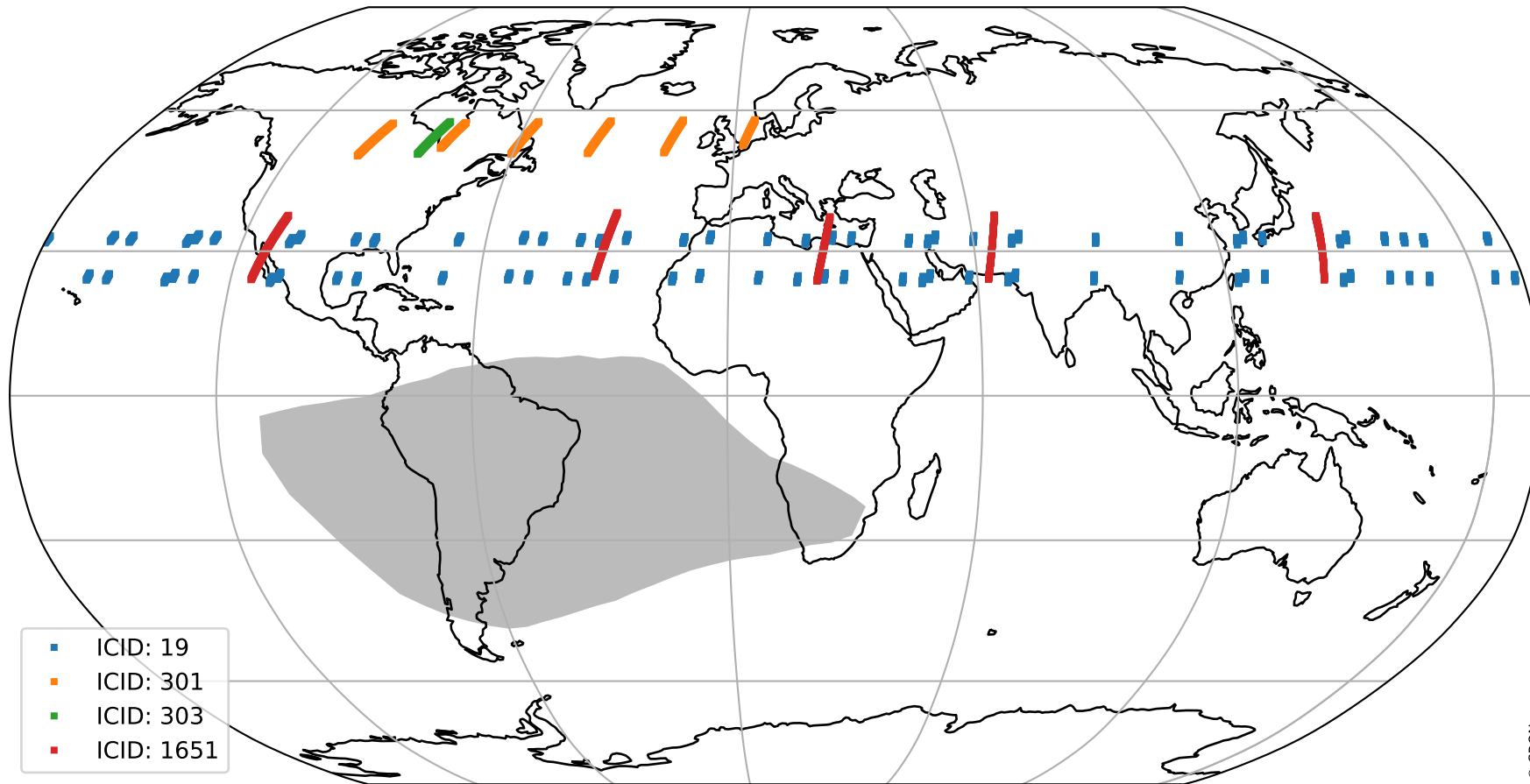
Tropomi SWIR background noise (swir)

orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
median : 0.98282
spread : 0.15973
created : 2023-08-21T16:21:23



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

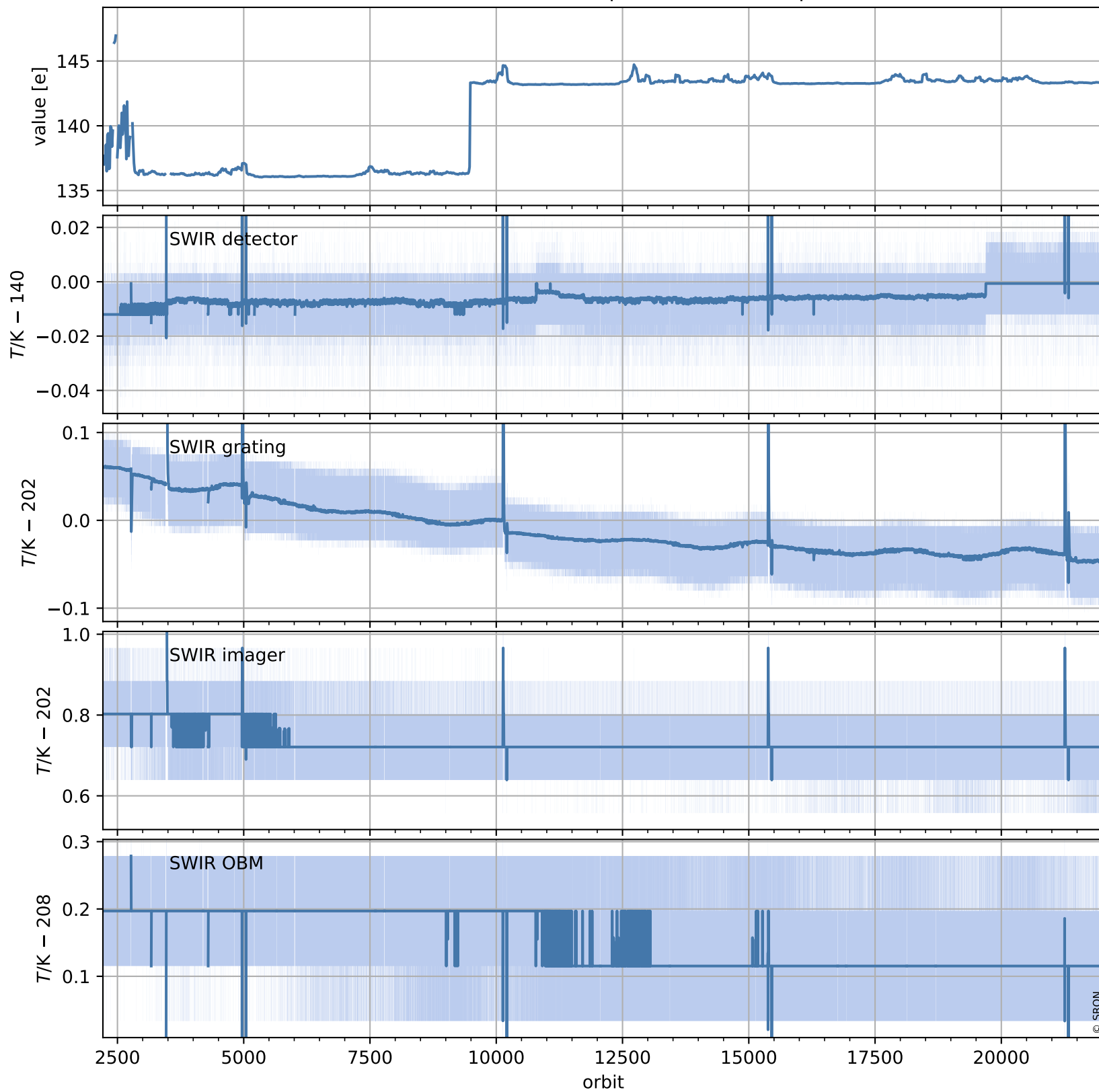
orbits : 12 in [21937, 22027]
coverage : 2022-01-07 / 2022-01-13
created : 2023-08-21T16:21:23



Tropomi SWIR background noise (swir)

orbits : [2212, 22027]
coverage : 2018-03-18 / 2022-01-13
created : 2023-08-21T16:21:23

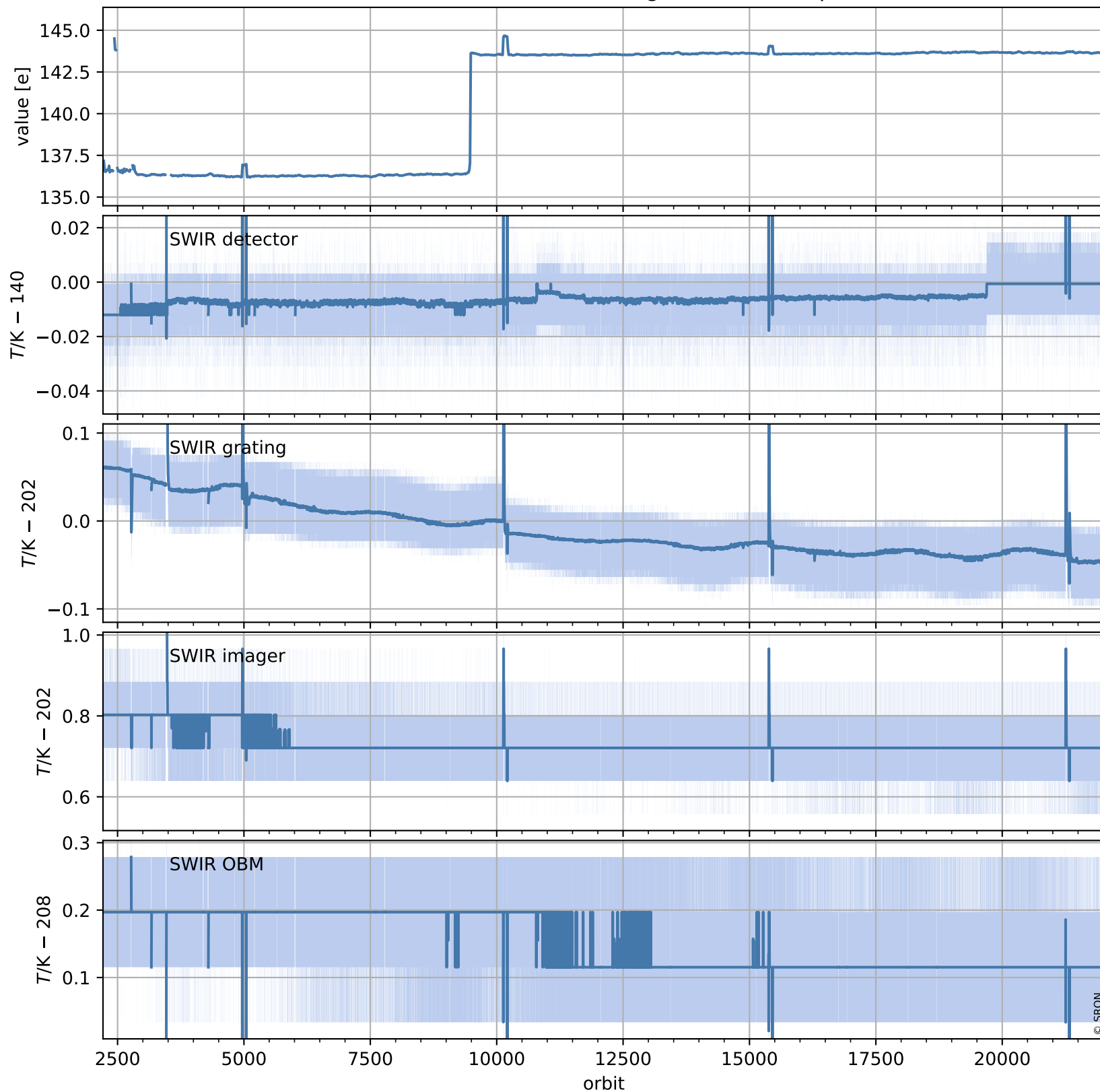
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22027]
coverage : 2018-03-18 / 2022-01-13
created : 2023-08-21T16:21:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22027]
coverage : 2018-03-18 / 2022-01-13
created : 2023-08-21T16:21:25

trend of normalized read-noise & temperatures

