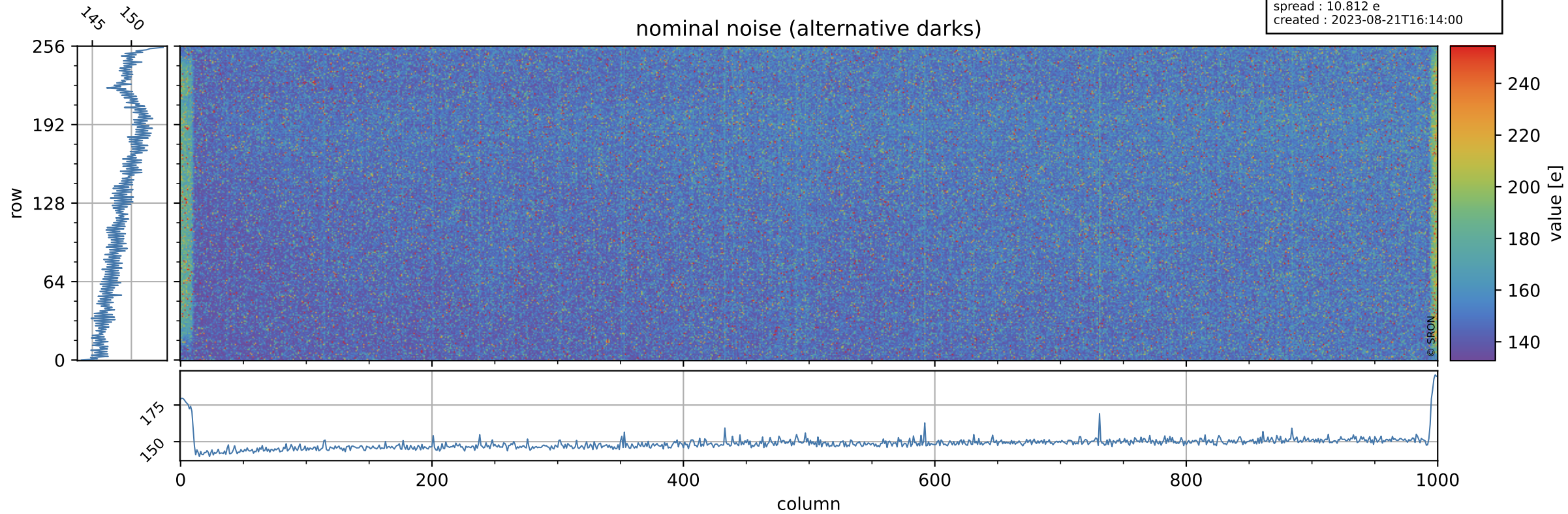


Tropomi SWIR background noise (swir)

orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.812 e
created : 2023-08-21T16:14:00

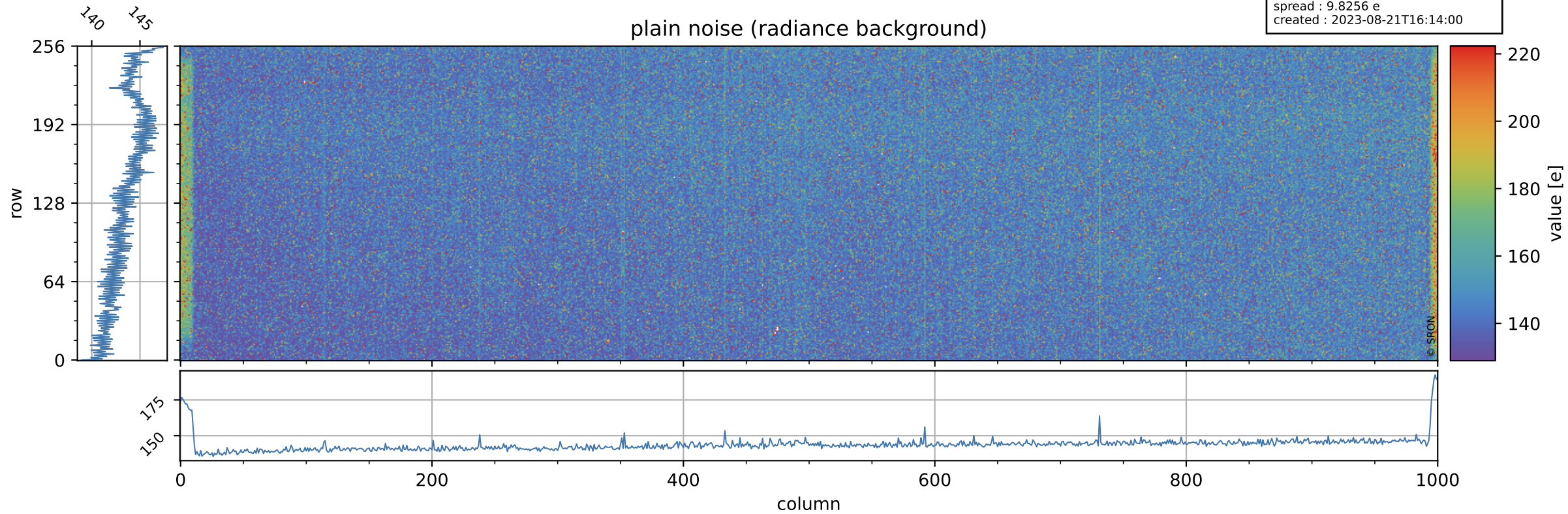
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8256 e
created : 2023-08-21T16:14:00

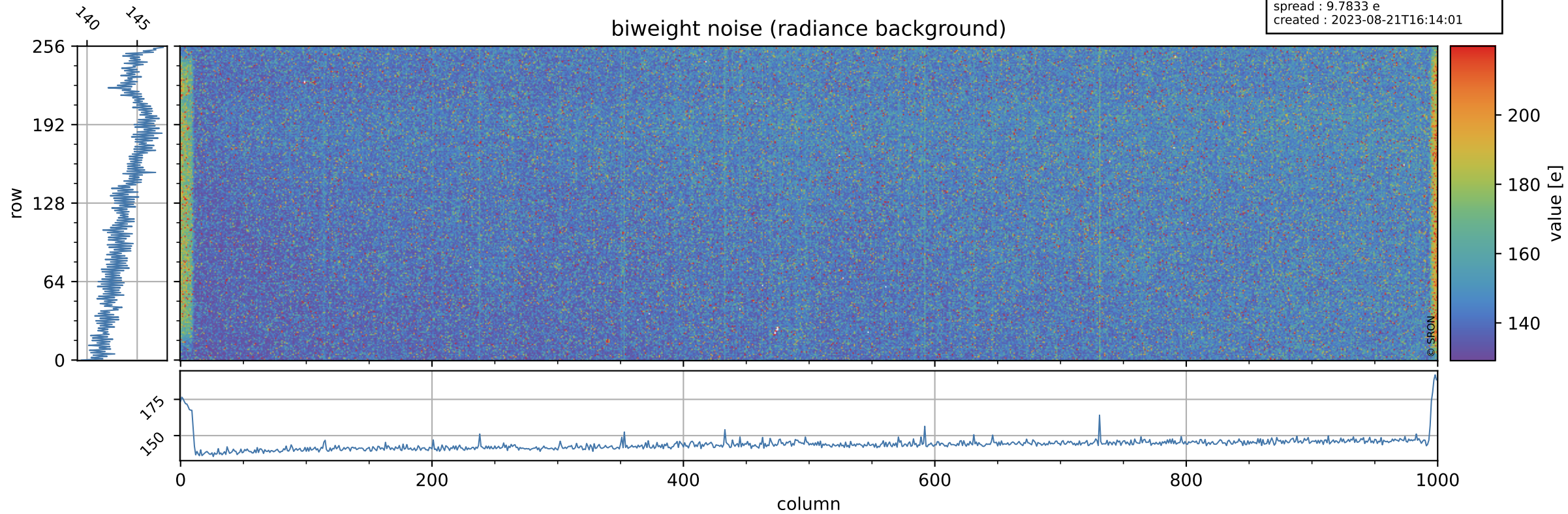
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7833 e
created : 2023-08-21T16:14:01

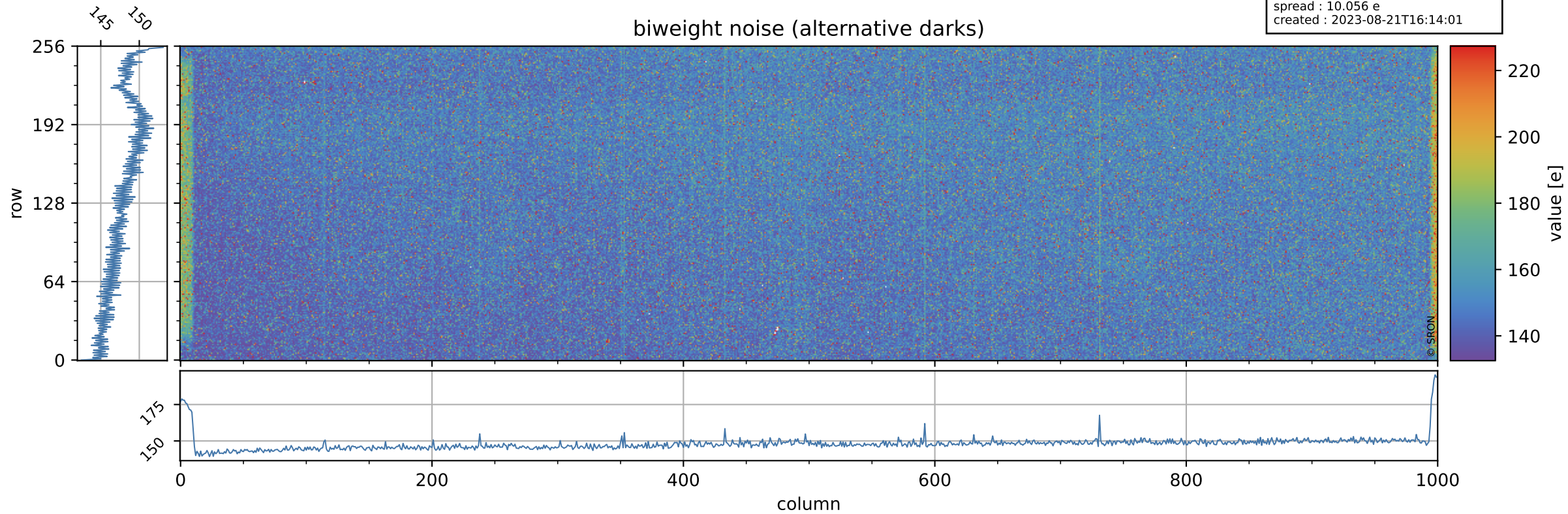
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.056 e
created : 2023-08-21T16:14:01

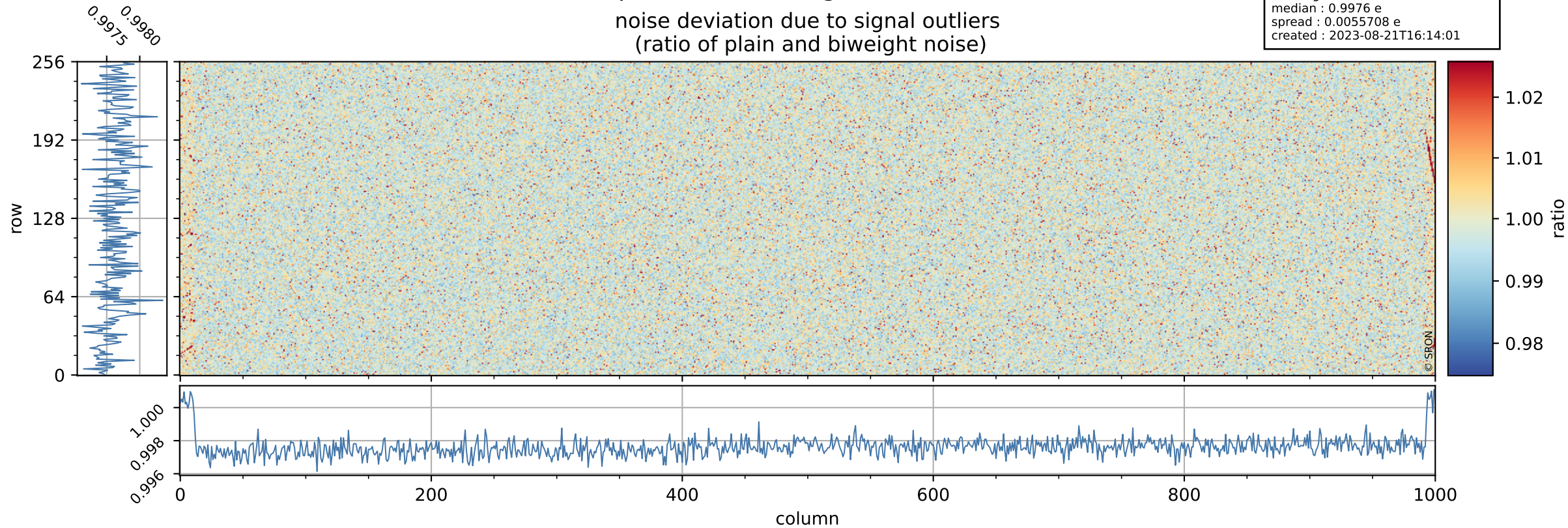
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

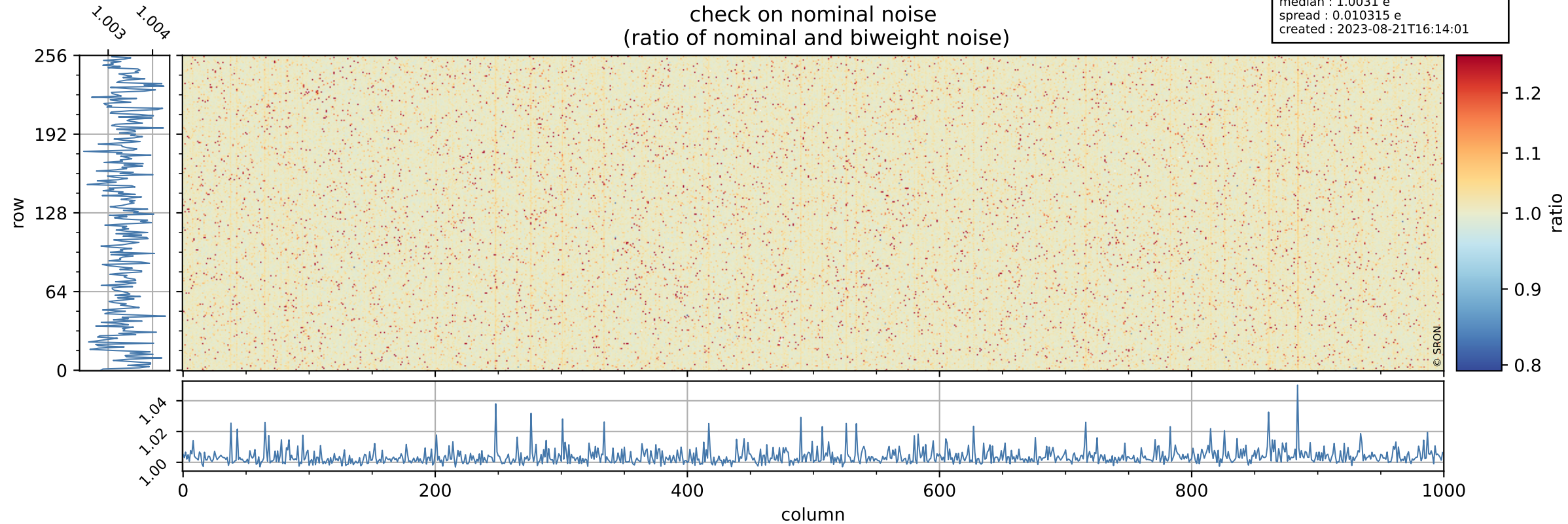
orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
median : 0.9976 e
spread : 0.0055708 e
created : 2023-08-21T16:14:01



Tropomi SWIR background noise (swir)

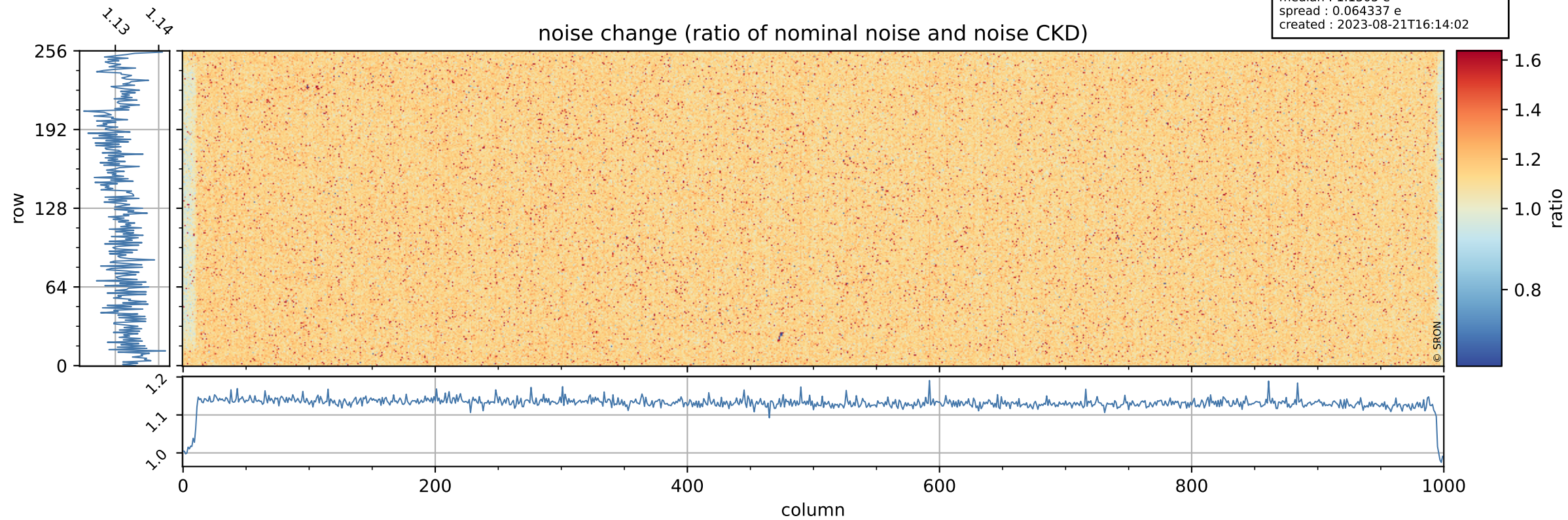
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
median : 1.0031 e
spread : 0.010315 e
created : 2023-08-21T16:14:01



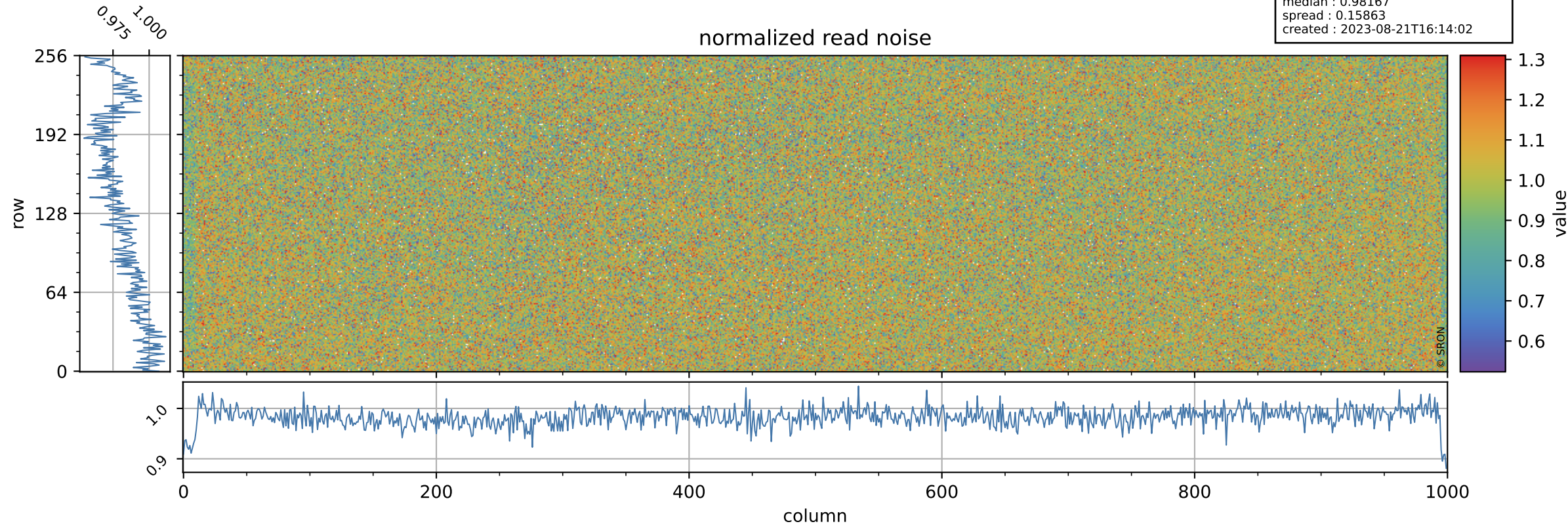
Tropomi SWIR background noise (swir)

orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
median : 1.1305 e
spread : 0.064337 e
created : 2023-08-21T16:14:02



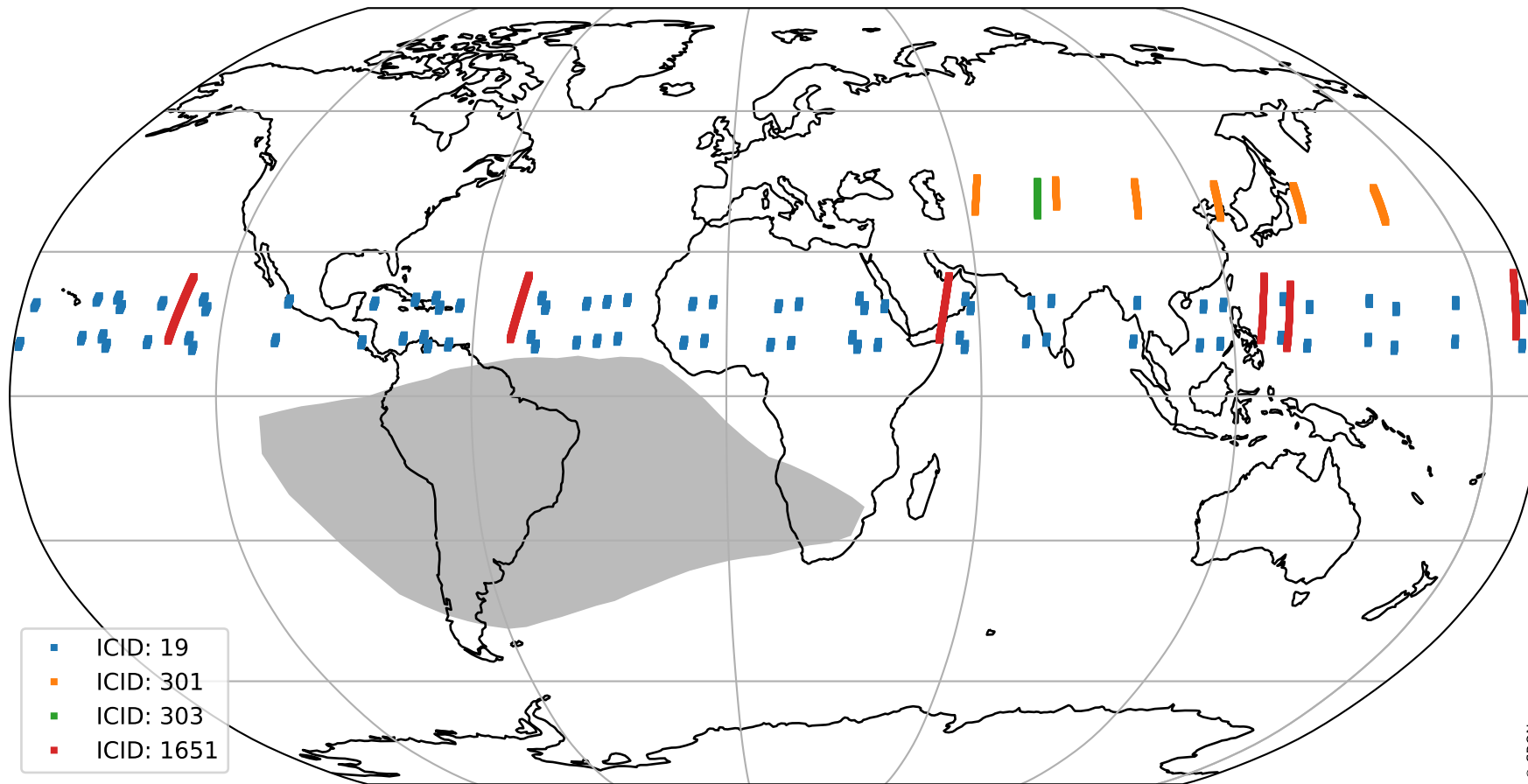
Tropomi SWIR background noise (swir)

orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
median : 0.98167
spread : 0.15863
created : 2023-08-21T16:14:02



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

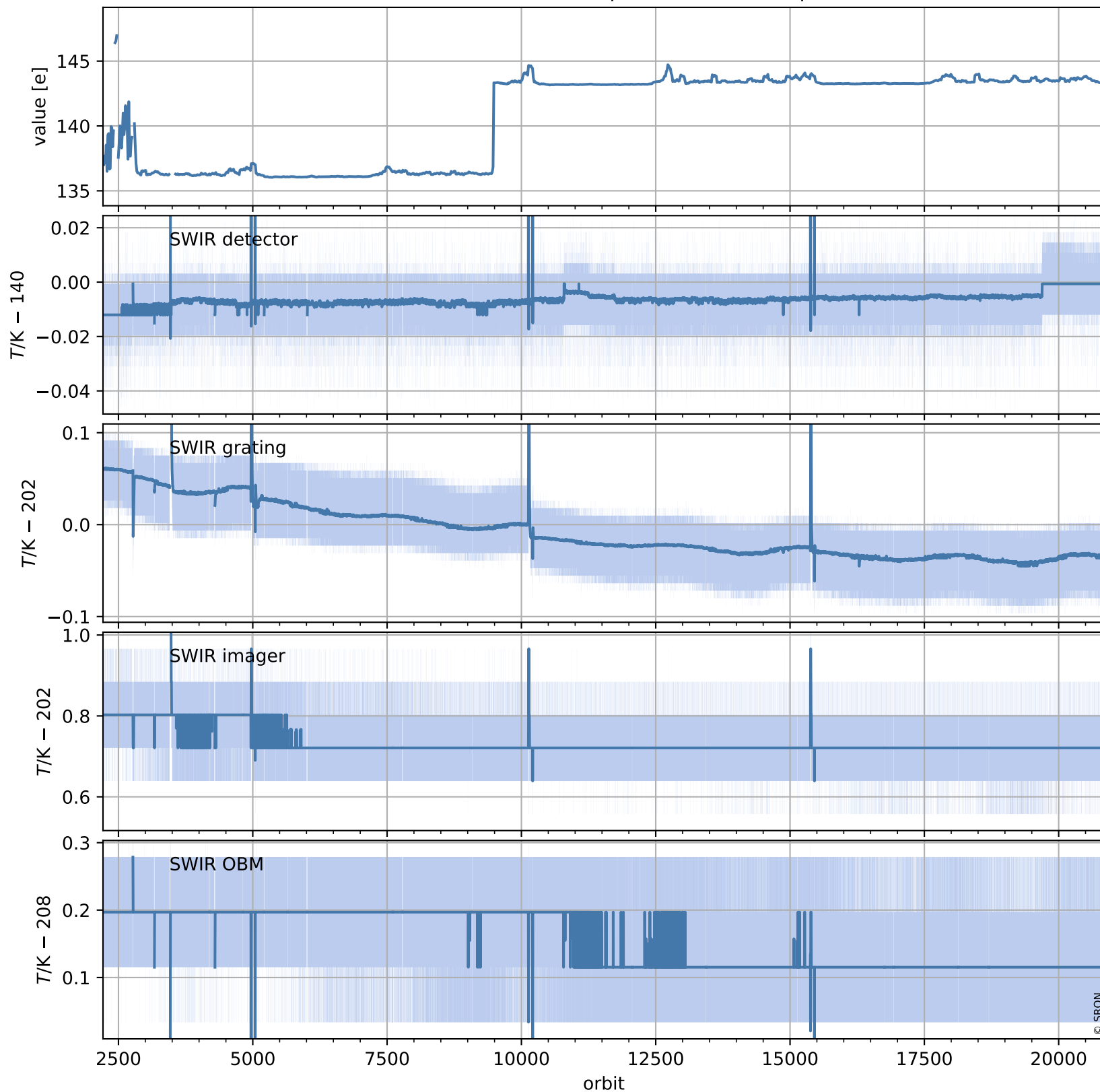
orbits : 13 in [20767, 20857]
coverage : 2021-10-16 / 2021-10-22
created : 2023-08-21T16:14:02



Tropomi SWIR background noise (swir)

orbits : [2212, 20857]
coverage : 2018-03-18 / 2021-10-22
created : 2023-08-21T16:14:03

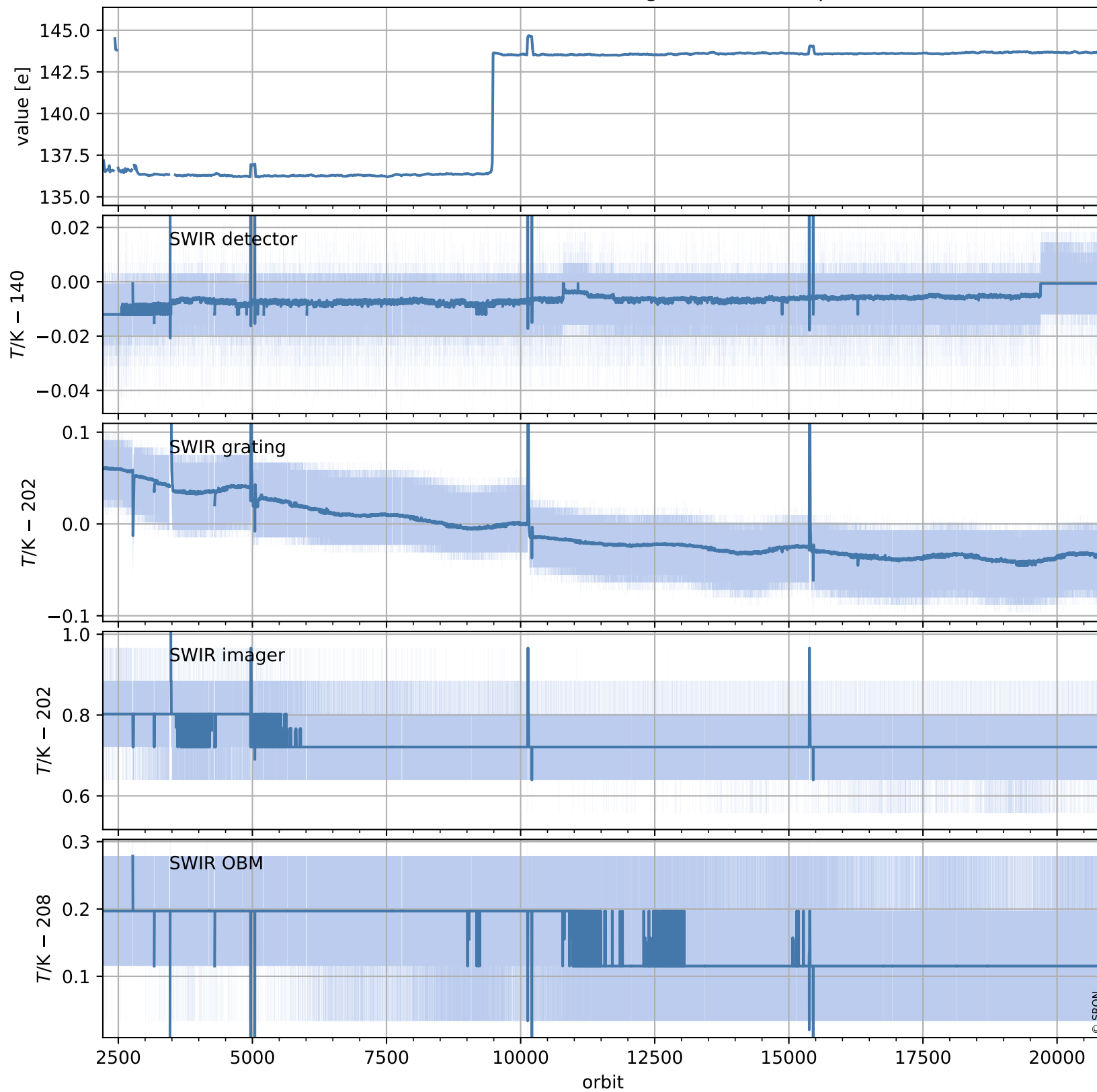
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20857]
coverage : 2018-03-18 / 2021-10-22
created : 2023-08-21T16:14:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20857]
coverage : 2018-03-18 / 2021-10-22
created : 2023-08-21T16:14:04

trend of normalized read-noise & temperatures

