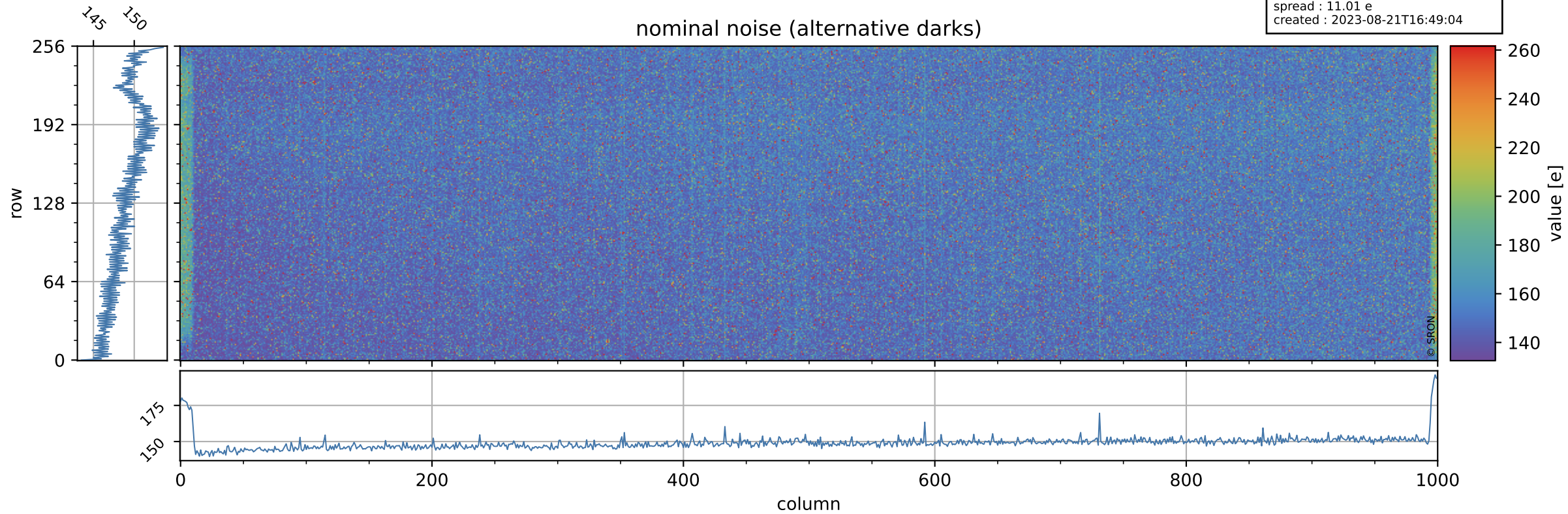


Tropomi SWIR background noise (swir)

orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.01 e
created : 2023-08-21T16:49:04

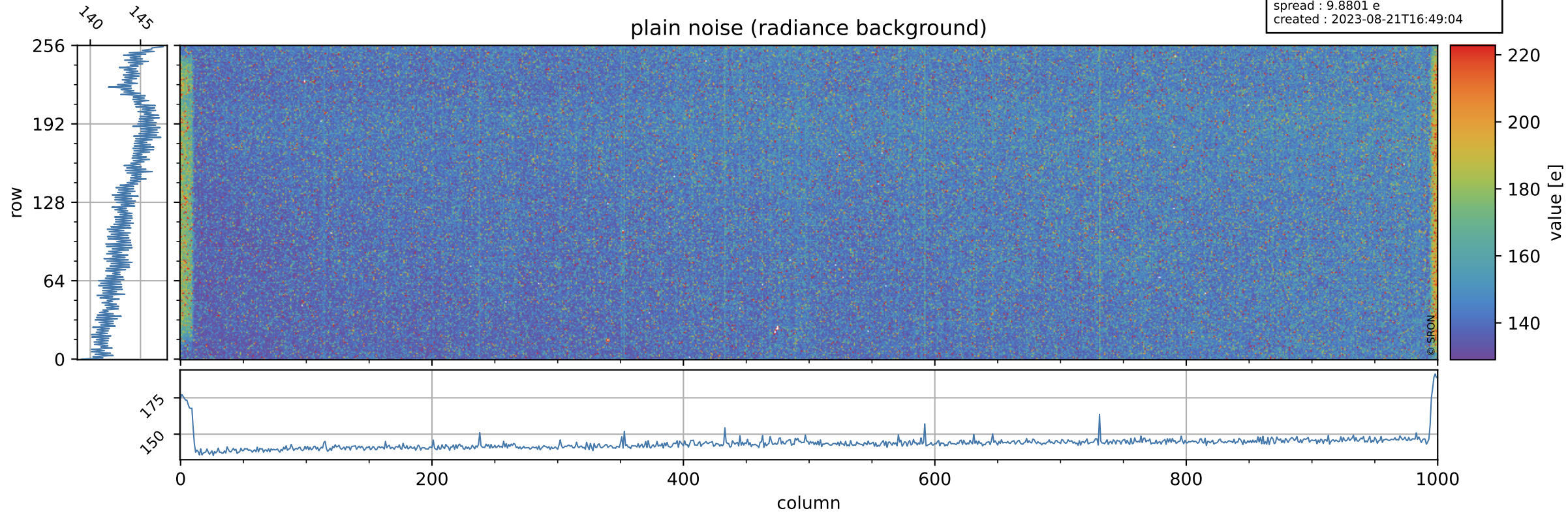
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8801 e
created : 2023-08-21T16:49:04

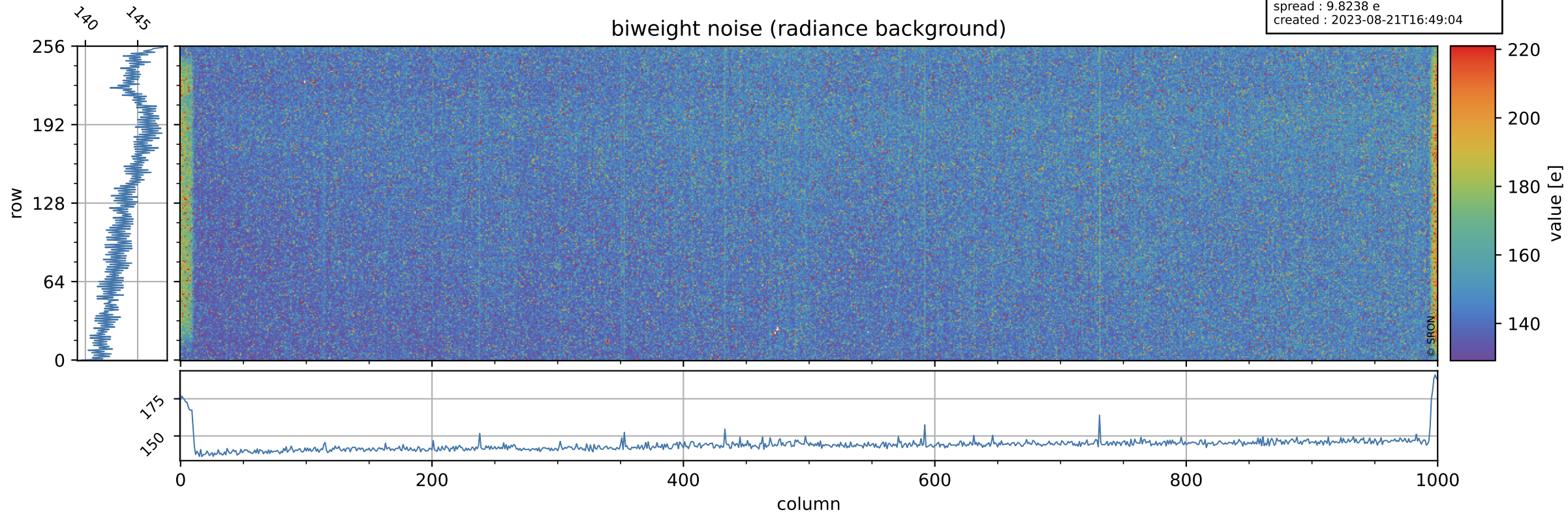
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8238 e
created : 2023-08-21T16:49:04

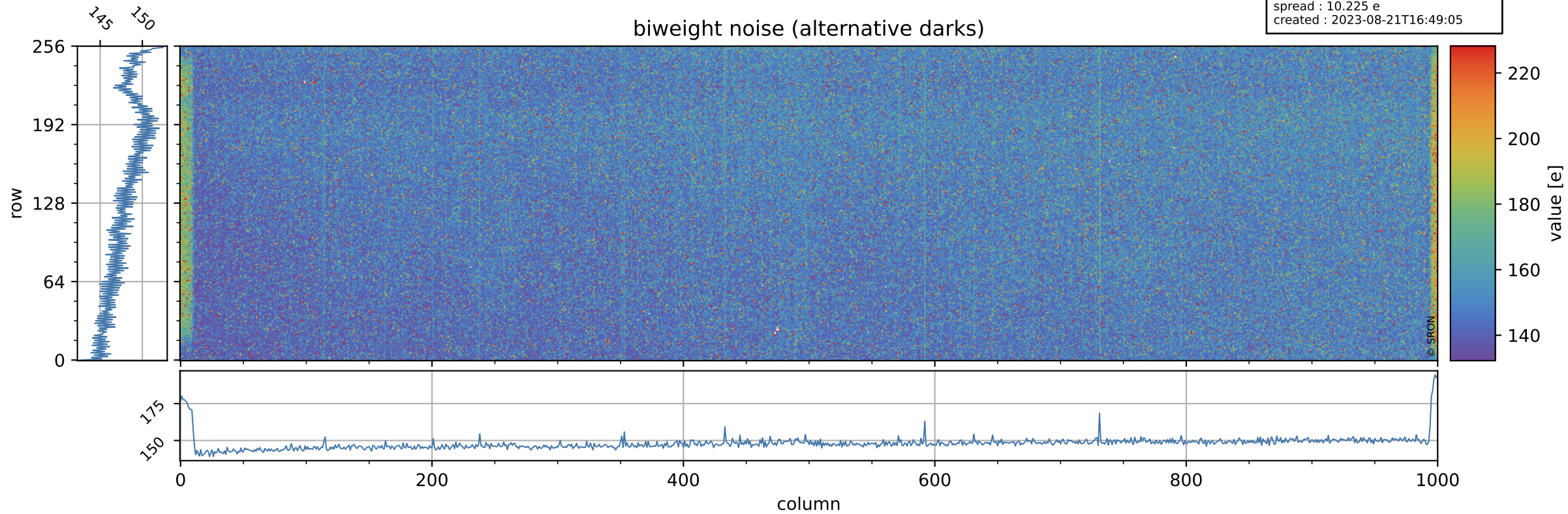
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.225 e
created : 2023-08-21T16:49:05

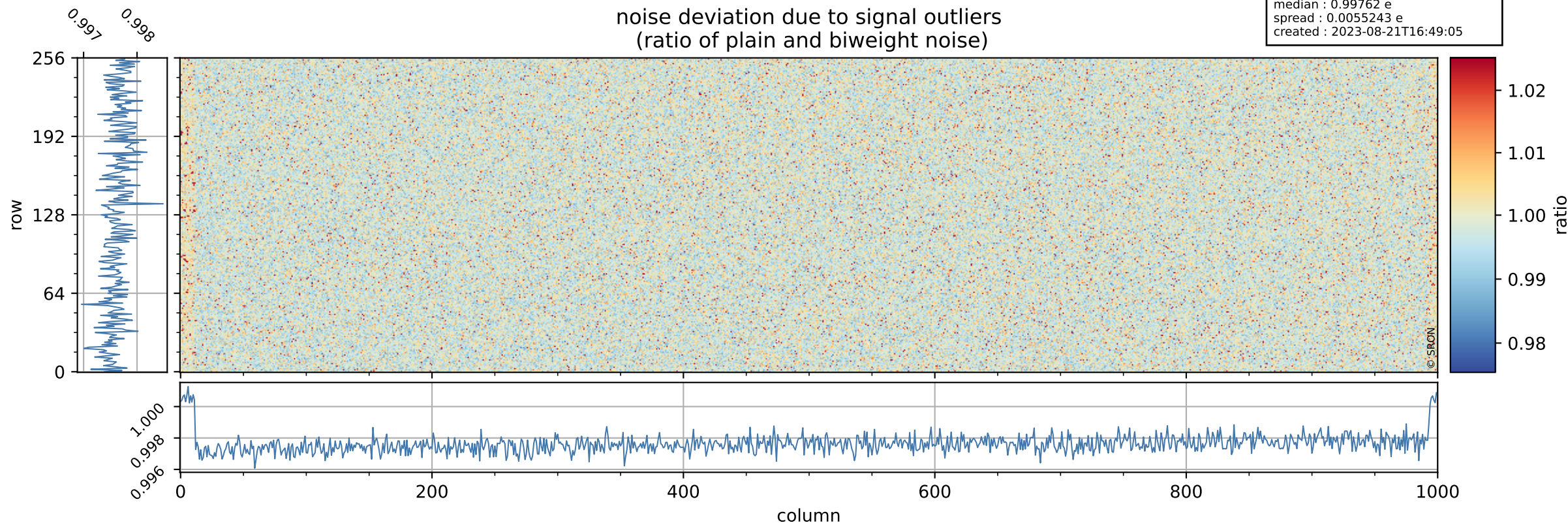
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

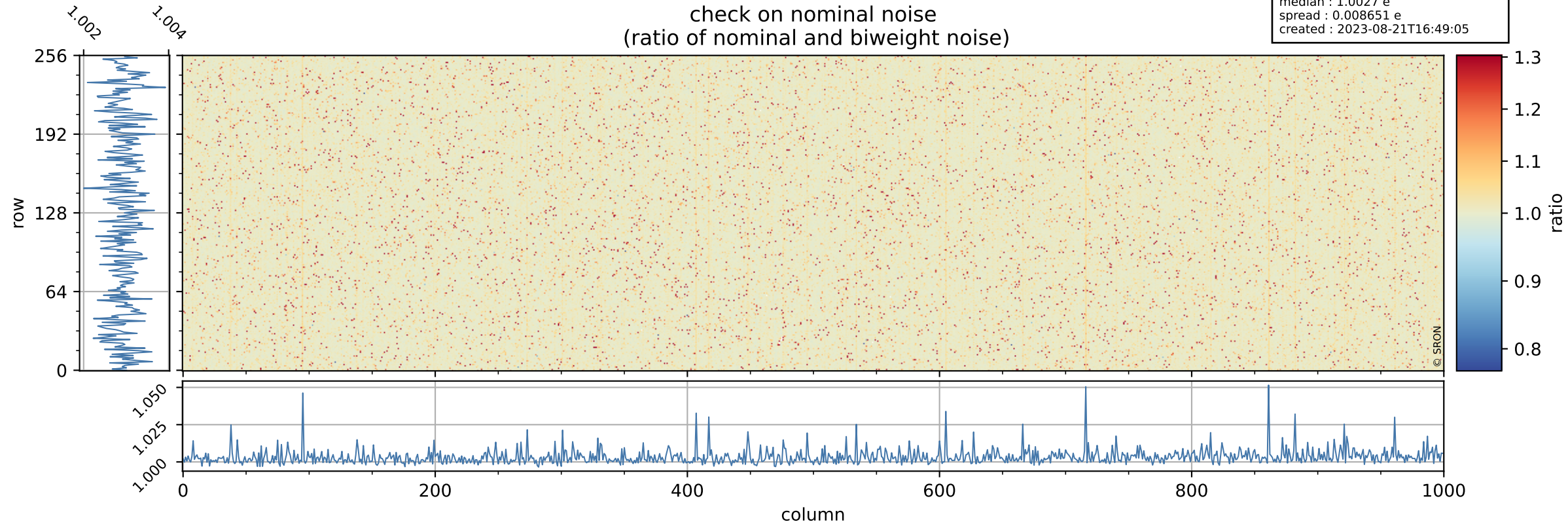
orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
median : 0.99762 e
spread : 0.0055243 e
created : 2023-08-21T16:49:05



Tropomi SWIR background noise (swir)

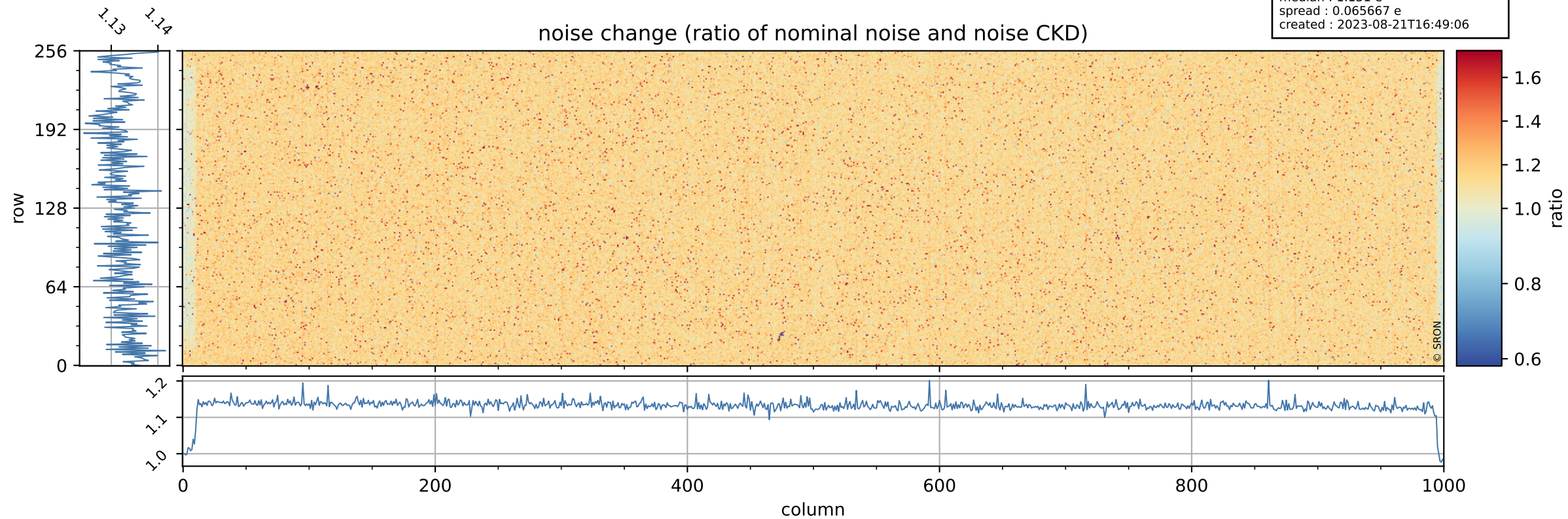
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
median : 1.0027 e
spread : 0.008651 e
created : 2023-08-21T16:49:05



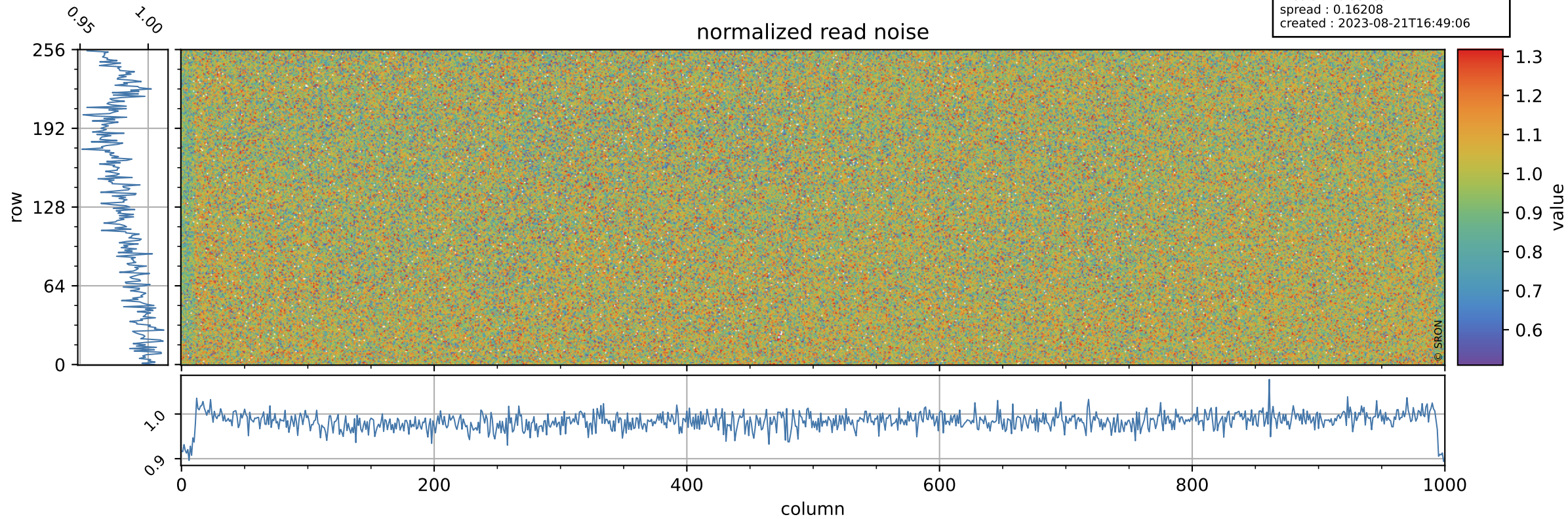
Tropomi SWIR background noise (swir)

orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
median : 1.131 e
spread : 0.065667 e
created : 2023-08-21T16:49:06



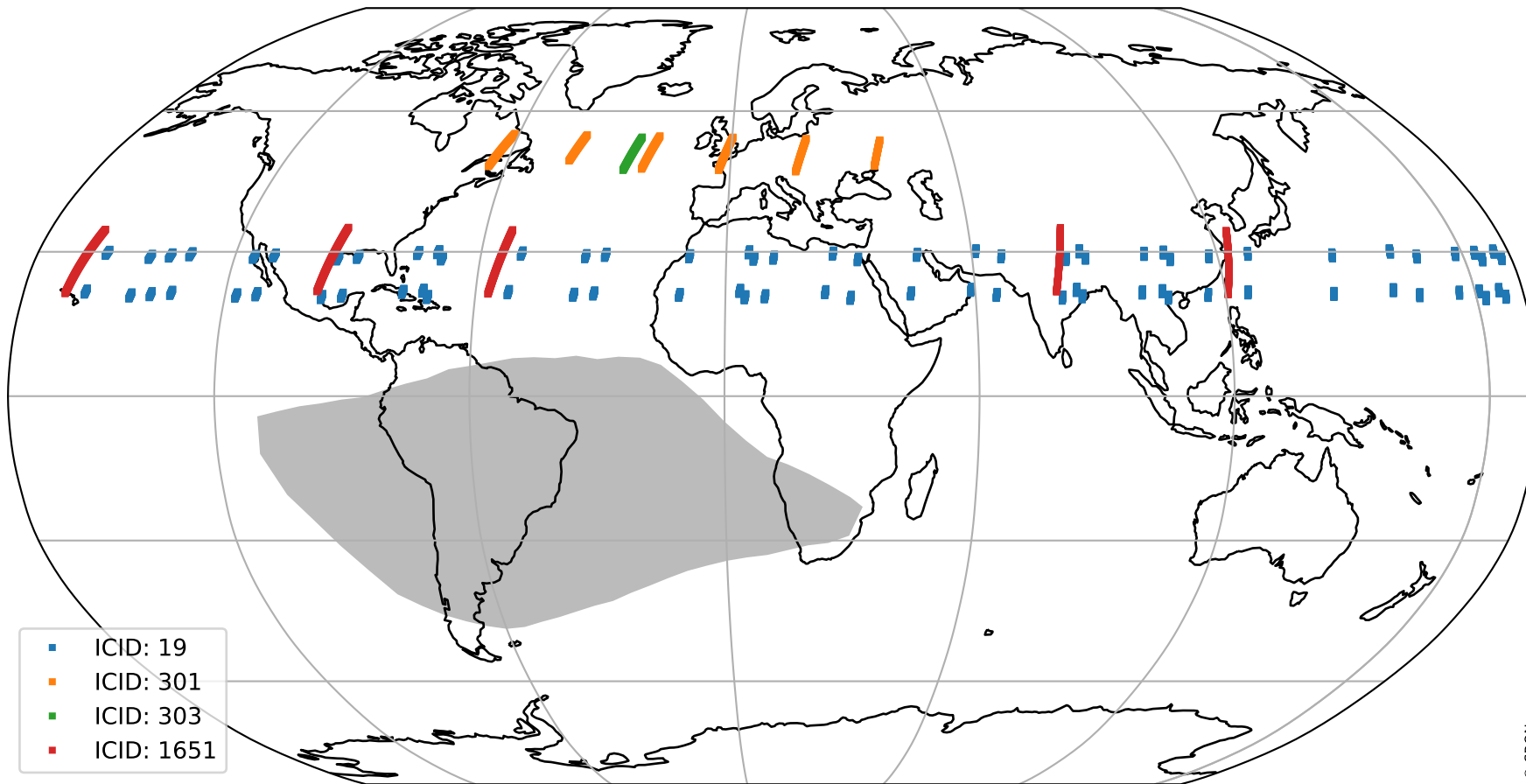
Tropomi SWIR background noise (swir)

orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
median : 0.98208
spread : 0.16208
created : 2023-08-21T16:49:06



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

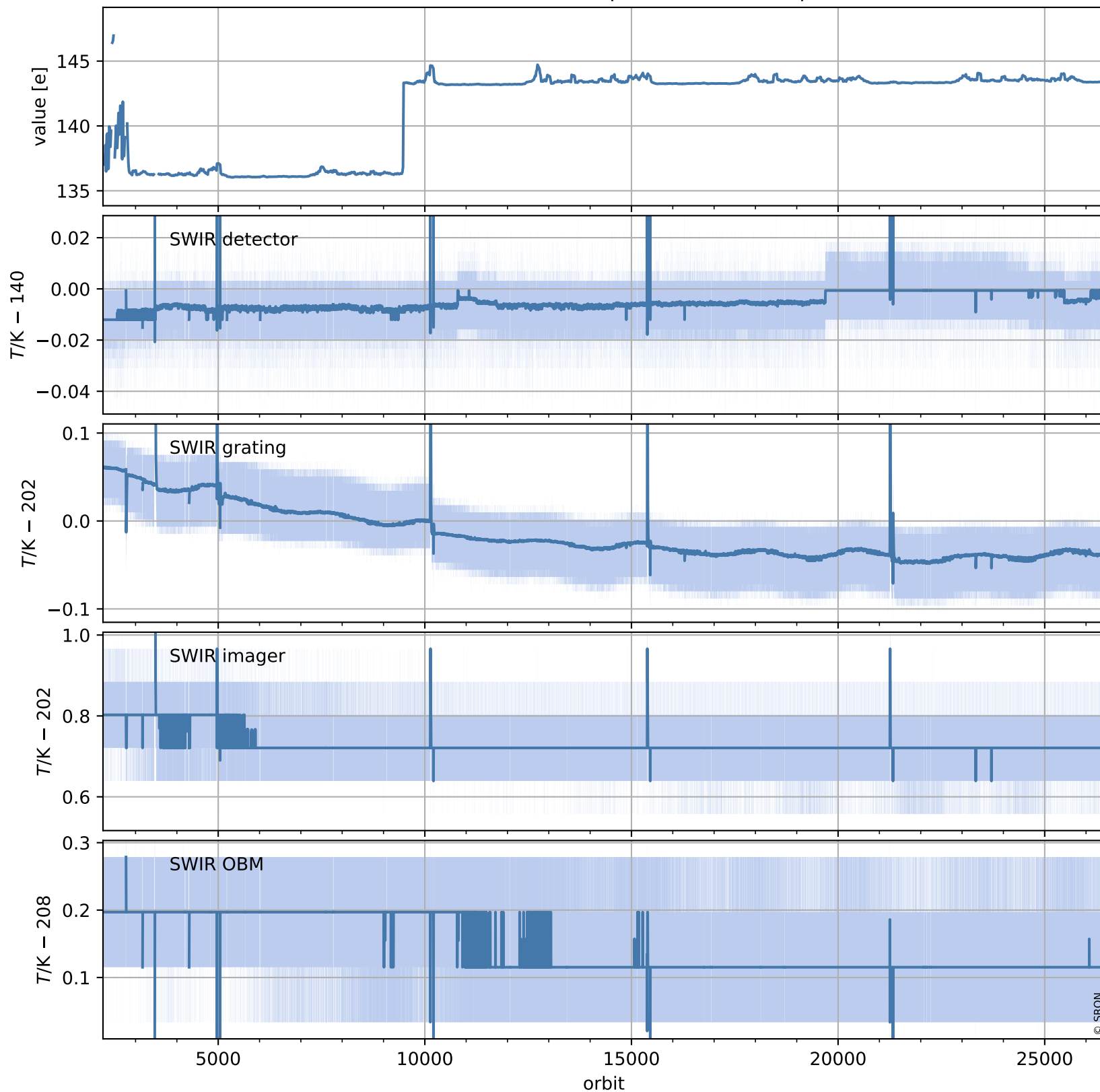
orbits : 12 in [26362, 26452]
coverage : 2022-11-14 / 2022-11-20
created : 2023-08-21T16:49:06



Tropomi SWIR background noise (swir)

orbits : [2212, 26452]
coverage : 2018-03-18 / 2022-11-20
created : 2023-08-21T16:49:06

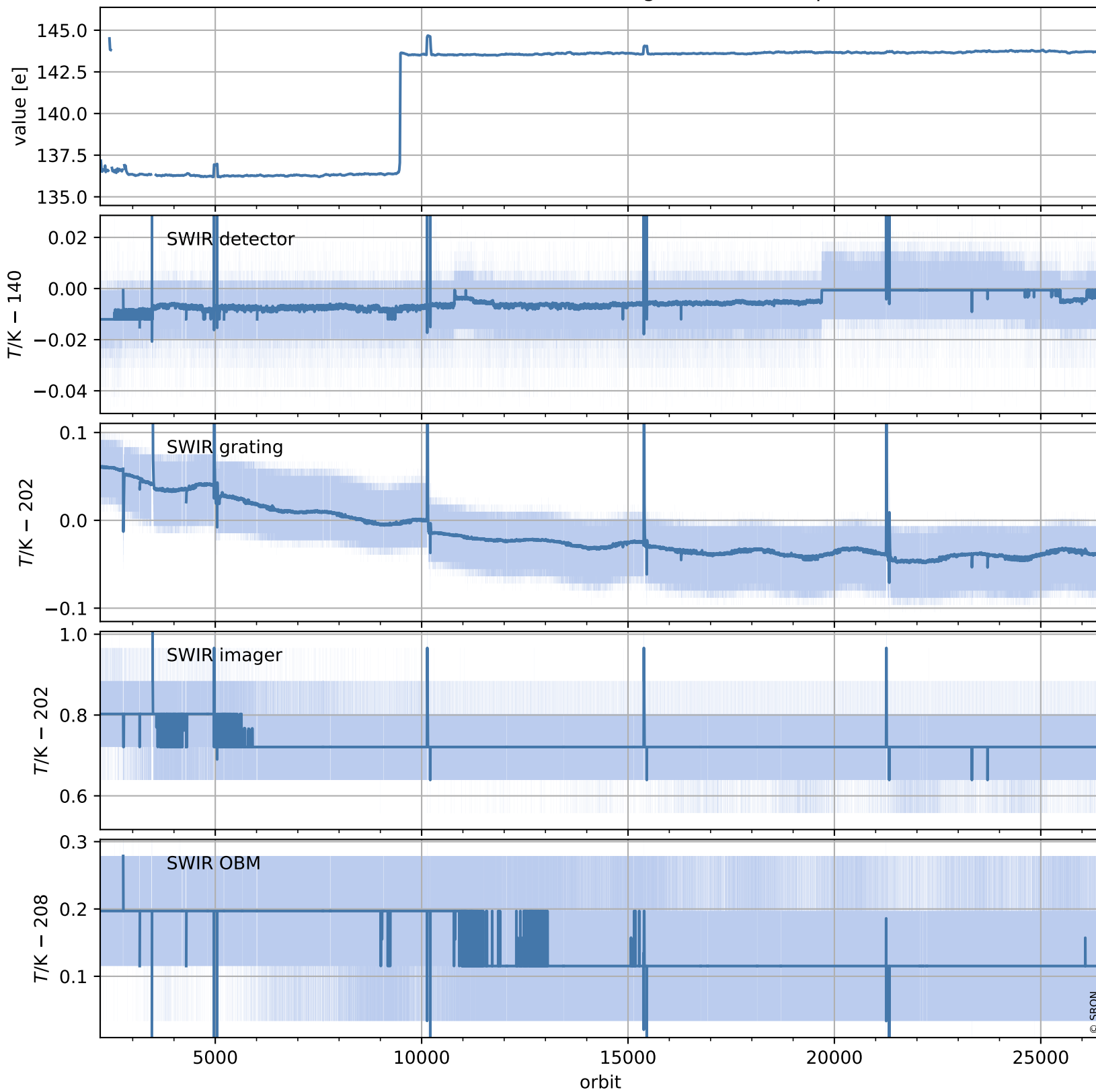
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26452]
coverage : 2018-03-18 / 2022-11-20
created : 2023-08-21T16:49:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26452]
coverage : 2018-03-18 / 2022-11-20
created : 2023-08-21T16:49:08

trend of normalized read-noise & temperatures

