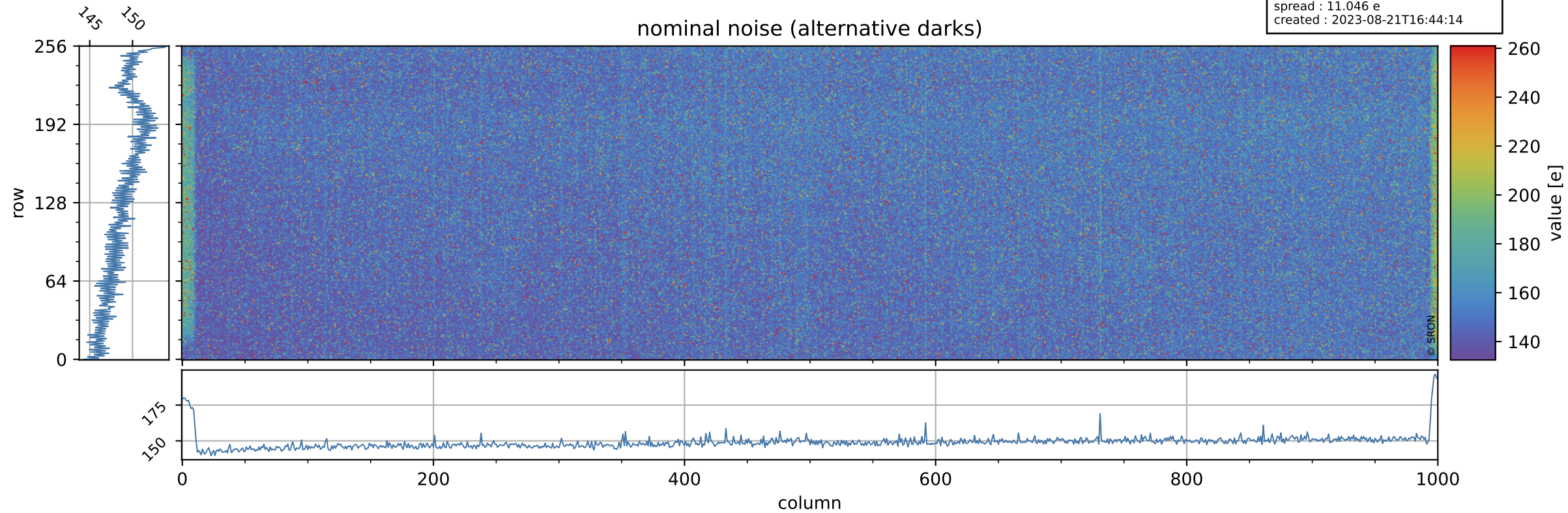


Tropomi SWIR background noise (swir)

orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 11.046 e
created : 2023-08-21T16:44:14

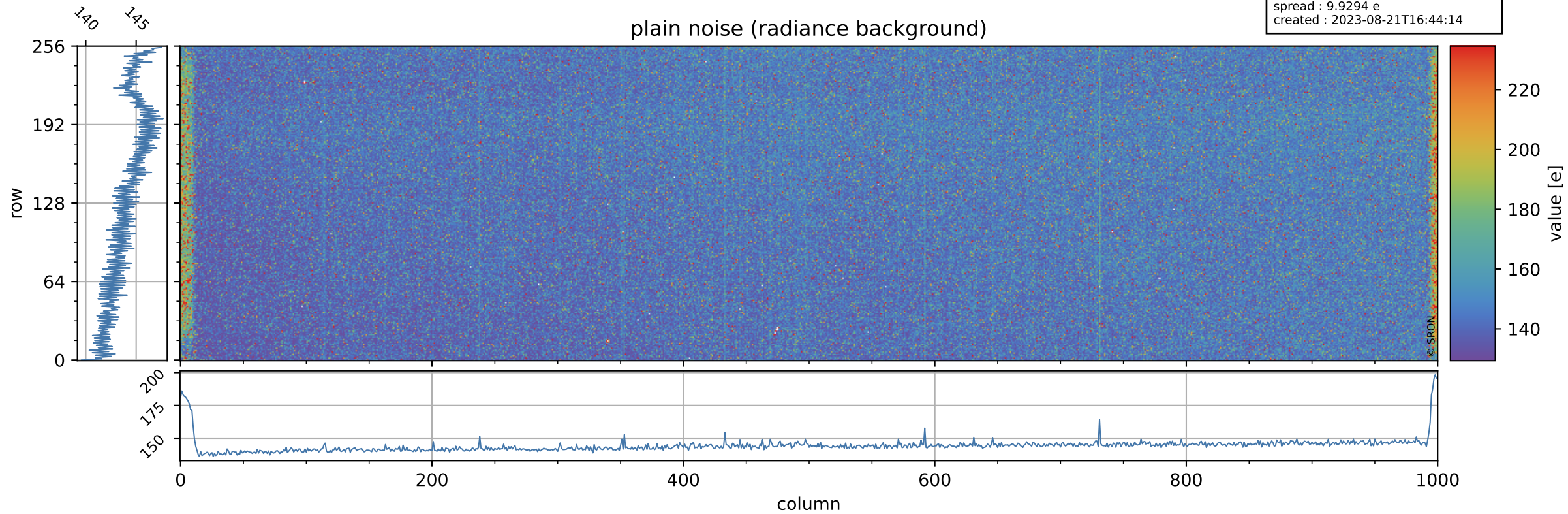
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
n_coad, t_exp : 1, 0.8383
median : 143.98 e
spread : 9.9294 e
created : 2023-08-21T16:44:14

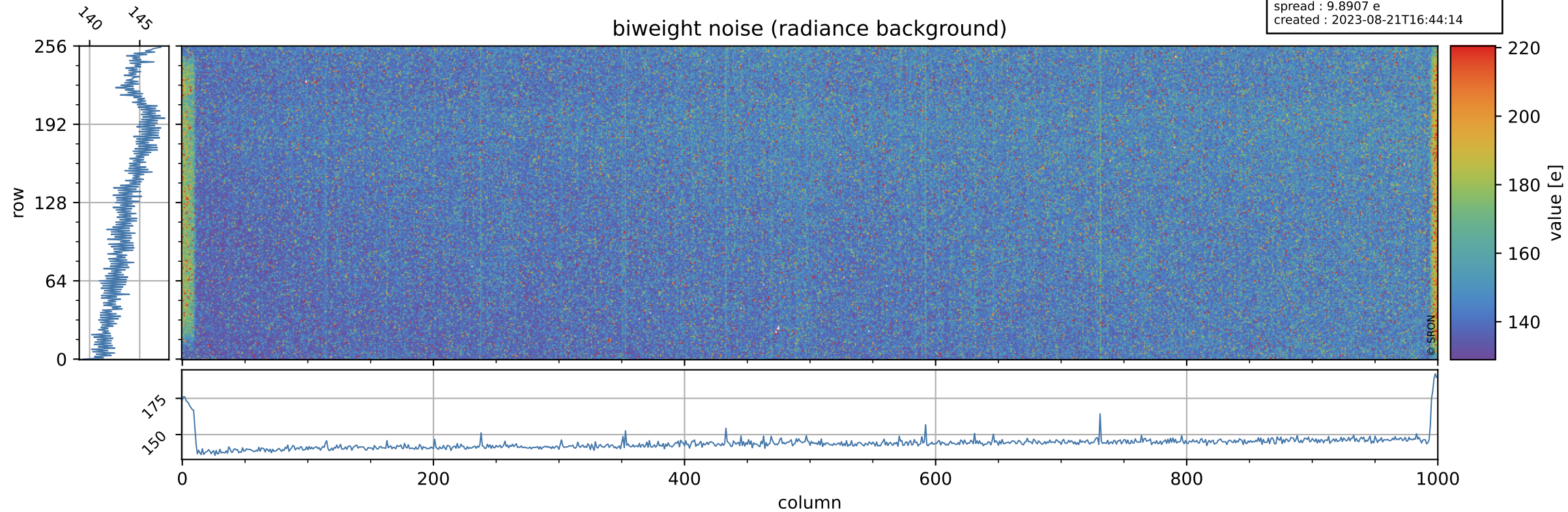
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.8907 e
created : 2023-08-21T16:44:14

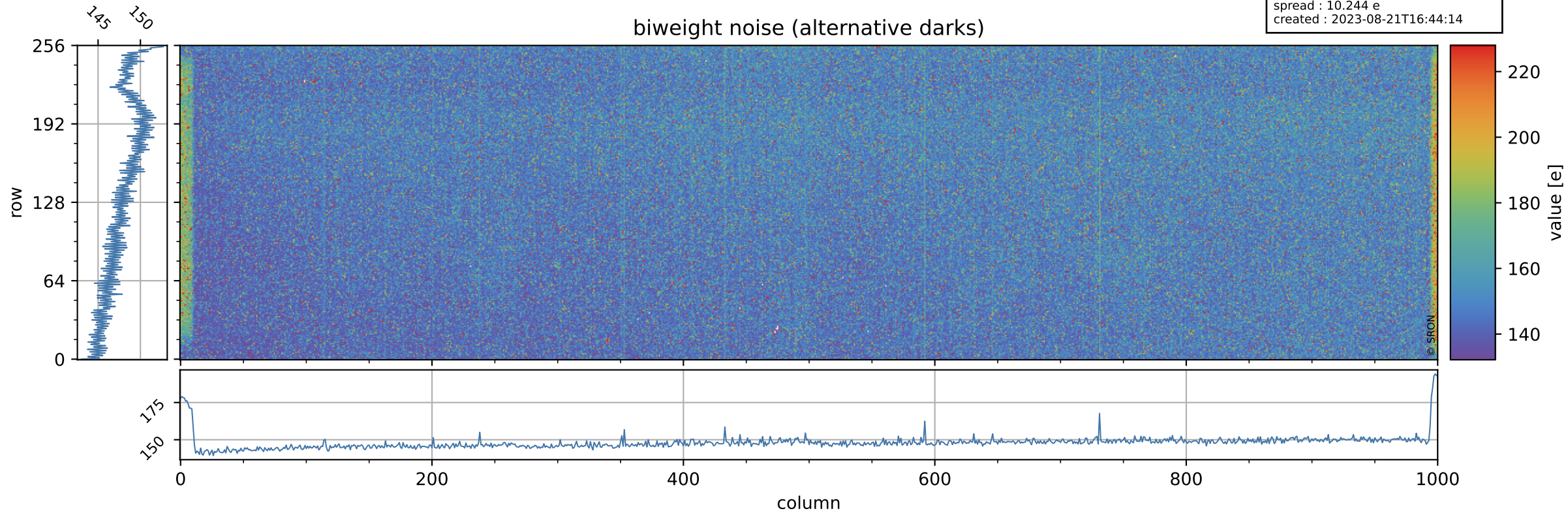
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.244 e
created : 2023-08-21T16:44:14

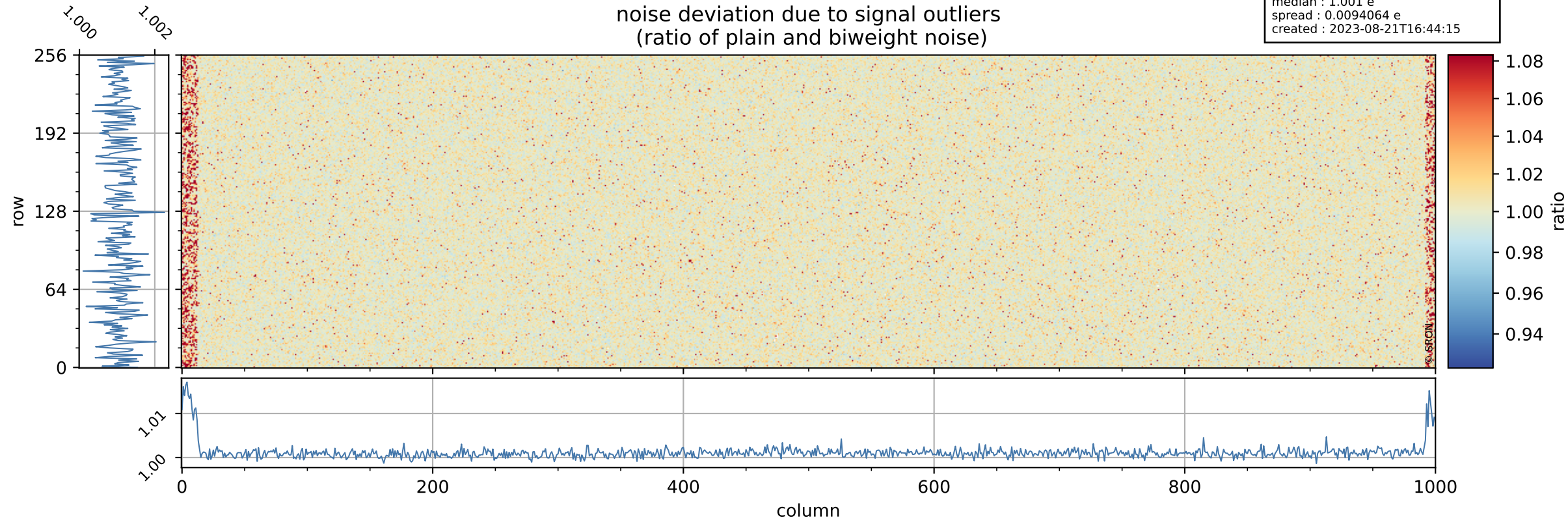
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

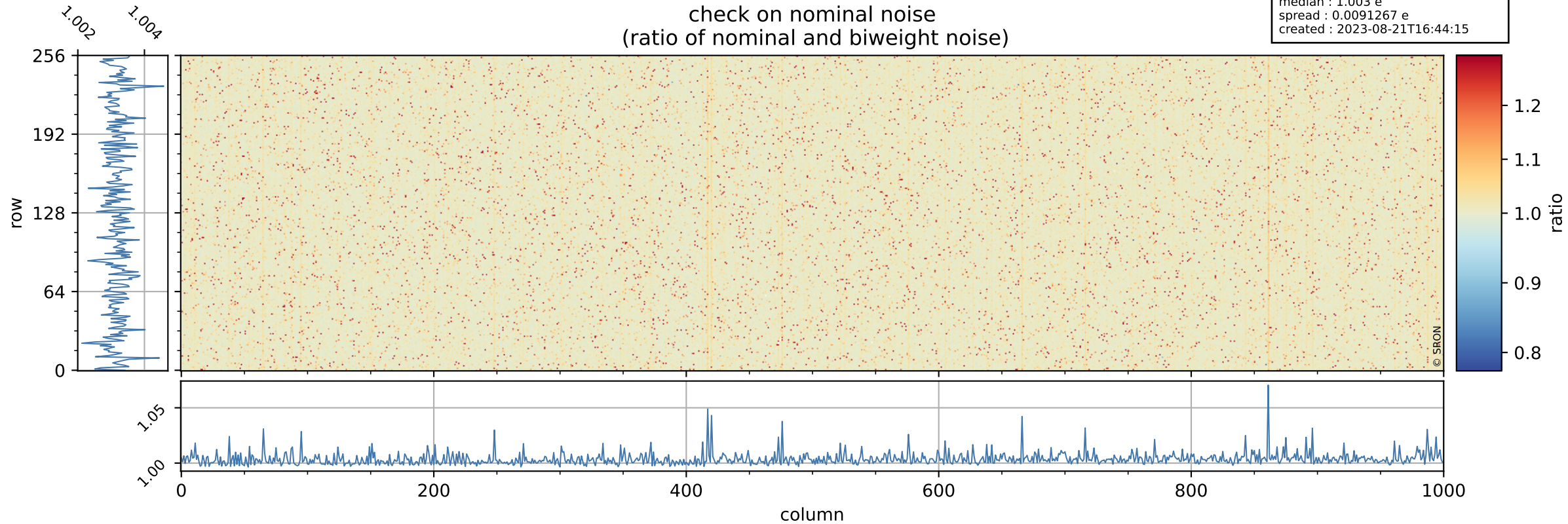
orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
median : 1.001 e
spread : 0.0094064 e
created : 2023-08-21T16:44:15



Tropomi SWIR background noise (swir)

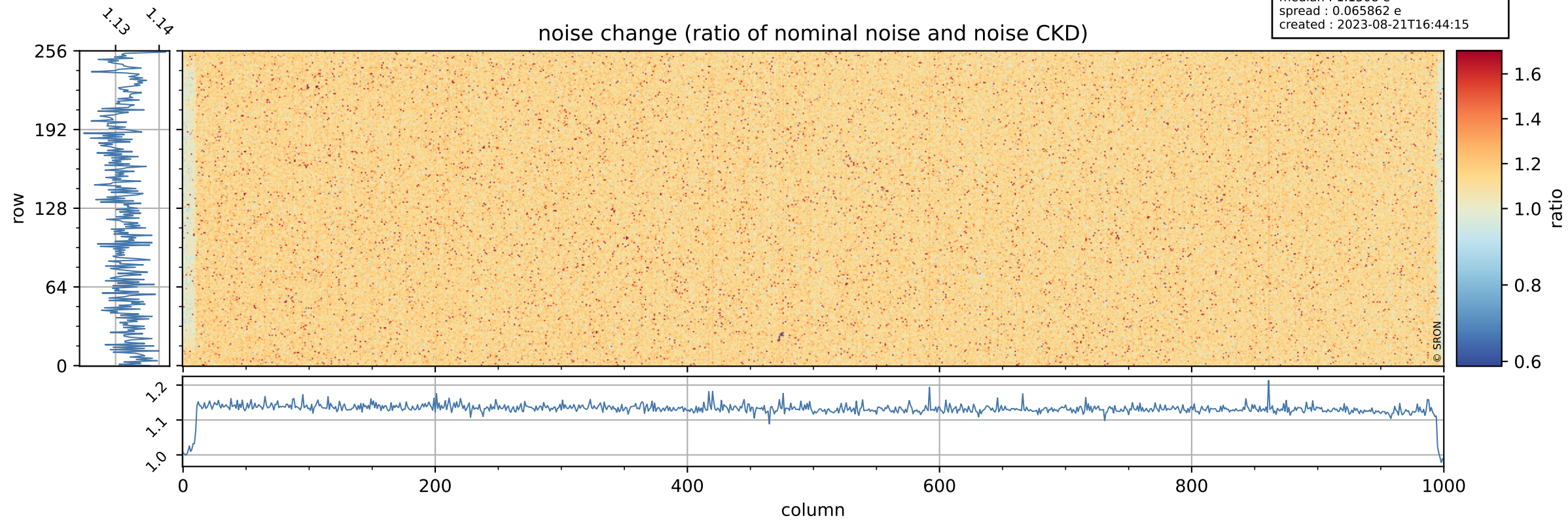
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
median : 1.003 e
spread : 0.0091267 e
created : 2023-08-21T16:44:15



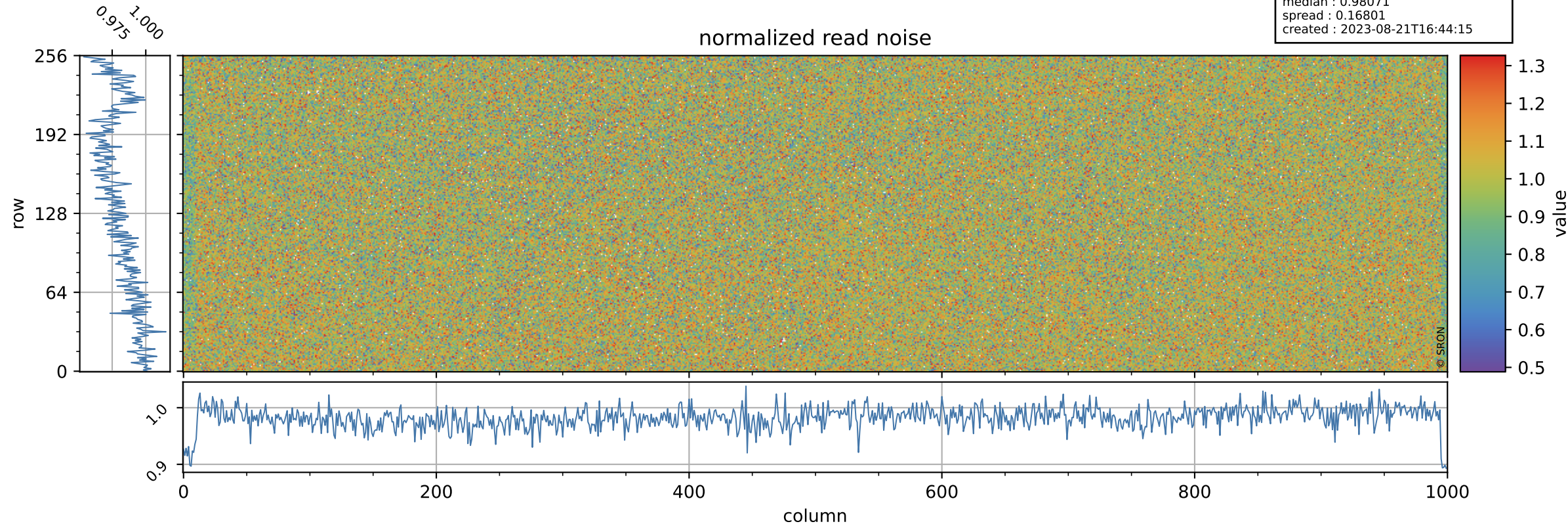
Tropomi SWIR background noise (swir)

orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
median : 1.1308 e
spread : 0.065862 e
created : 2023-08-21T16:44:15



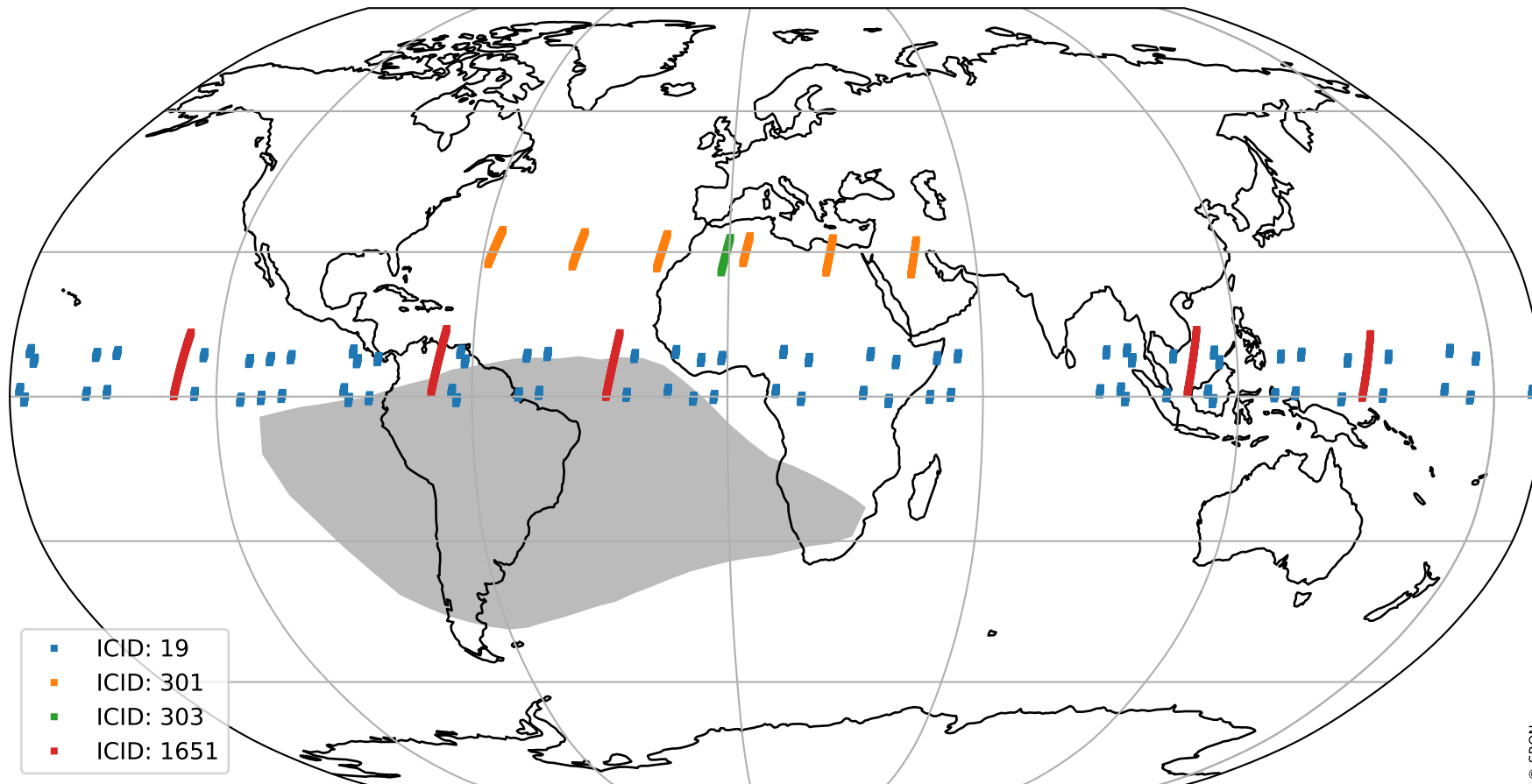
Tropomi SWIR background noise (swir)

orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
median : 0.98071
spread : 0.16801
created : 2023-08-21T16:44:15



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

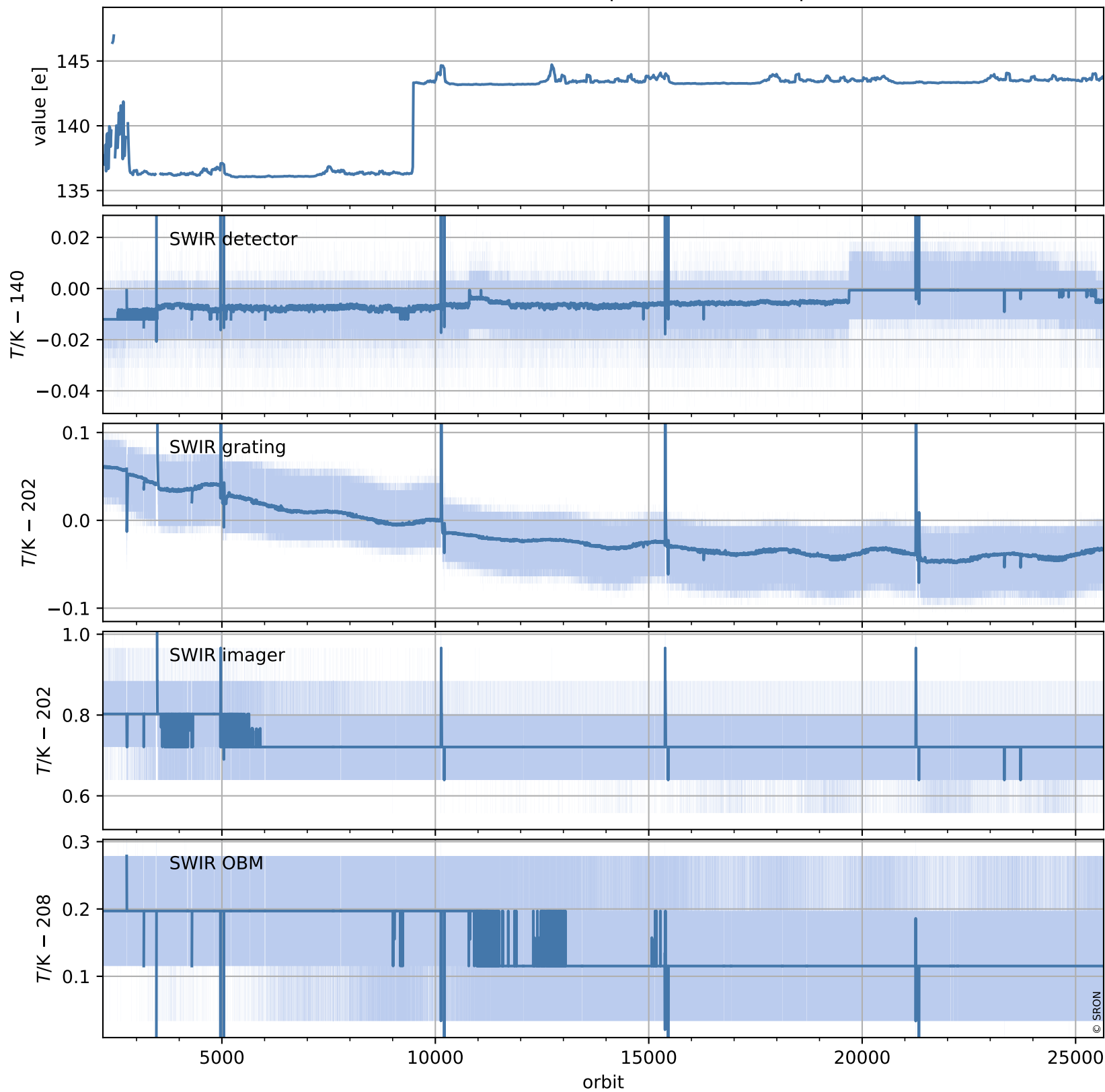
orbits : 12 in [25582, 25657]
coverage : 2022-09-19 / 2022-09-25
created : 2023-08-21T16:44:16



Tropomi SWIR background noise (swir)

orbits : [2212, 25657]
coverage : 2018-03-18 / 2022-09-25
created : 2023-08-21T16:44:16

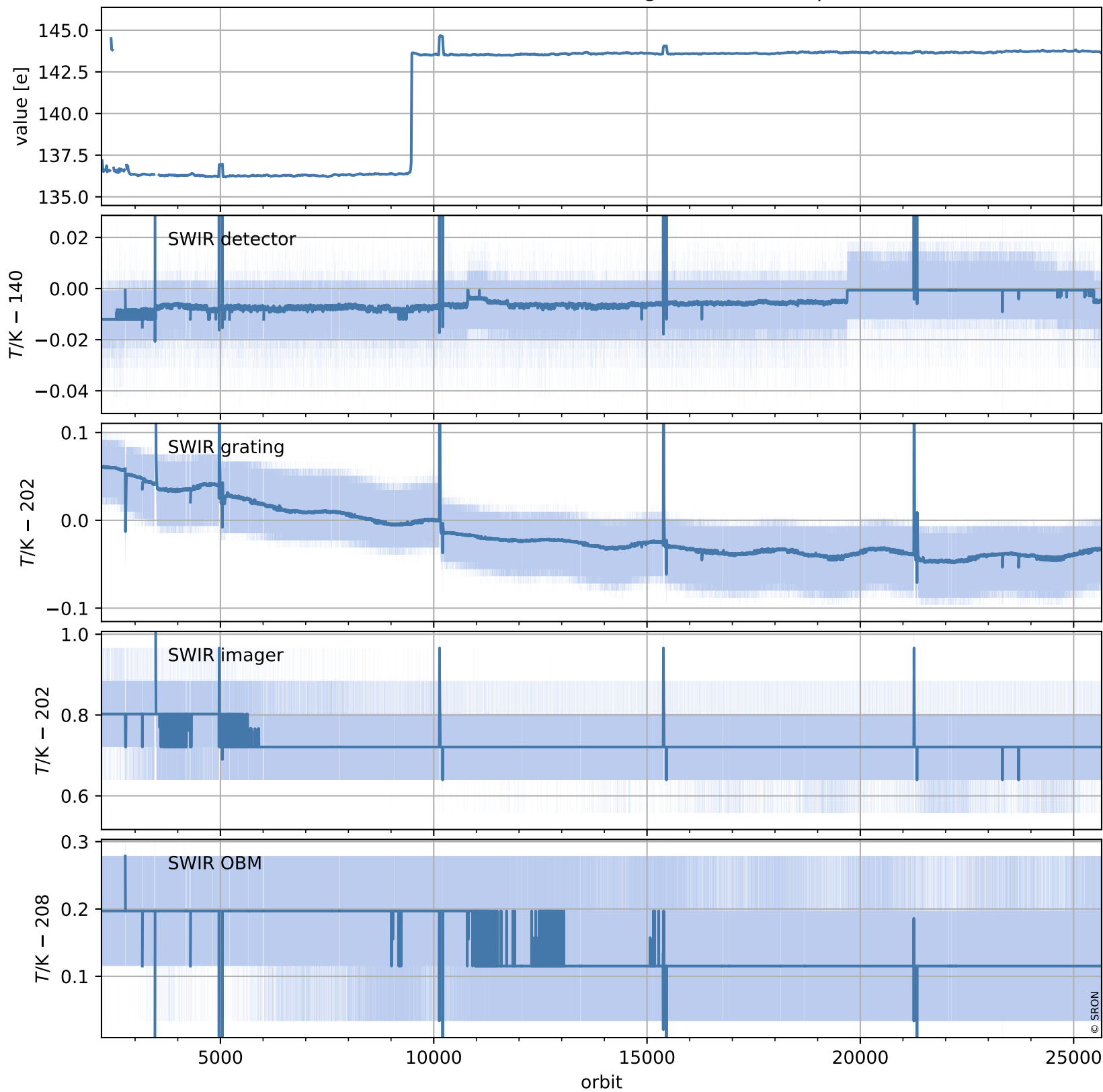
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25657]
coverage : 2018-03-18 / 2022-09-25
created : 2023-08-21T16:44:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25657]
coverage : 2018-03-18 / 2022-09-25
created : 2023-08-21T16:44:18

trend of normalized read-noise & temperatures

