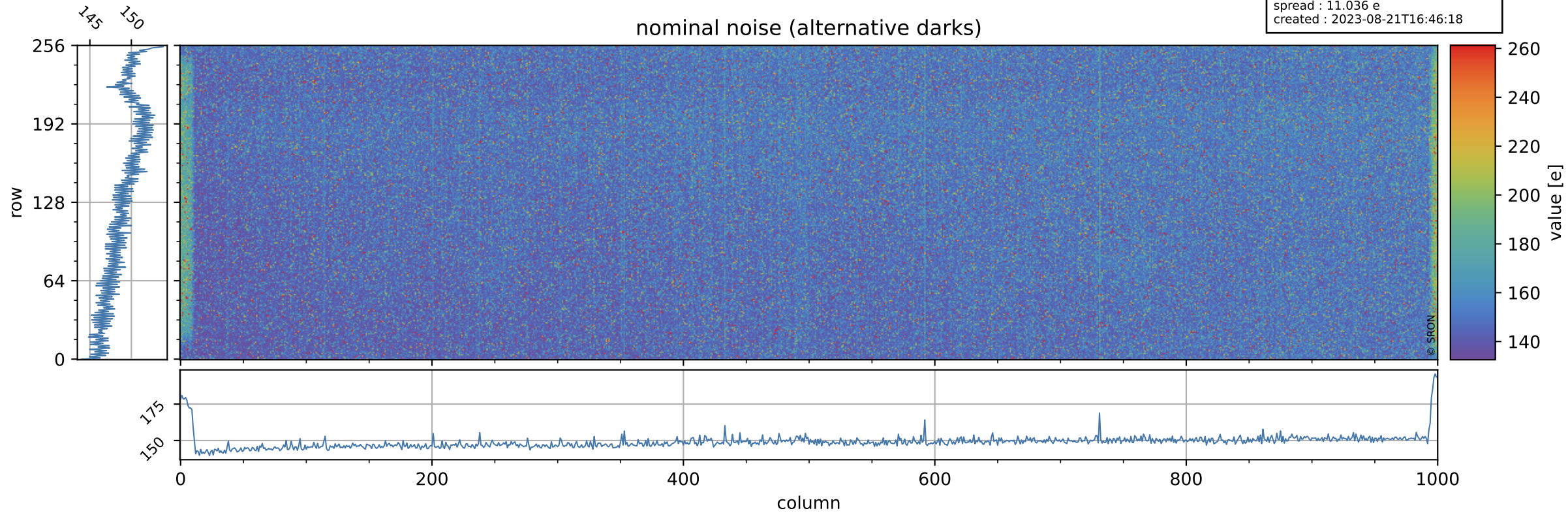


Tropomi SWIR background noise (swir)

orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
n_coad, t_exp : 1, 1.0783
median : 148.88 e
spread : 11.036 e
created : 2023-08-21T16:46:18

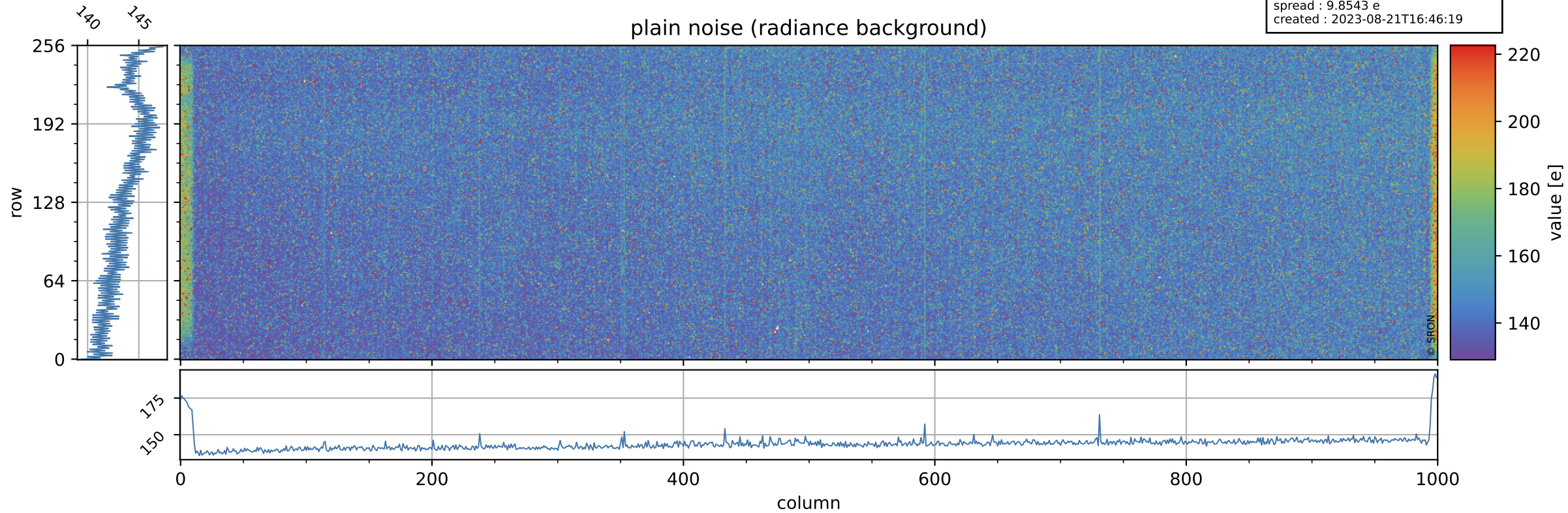
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8543 e
created : 2023-08-21T16:46:19

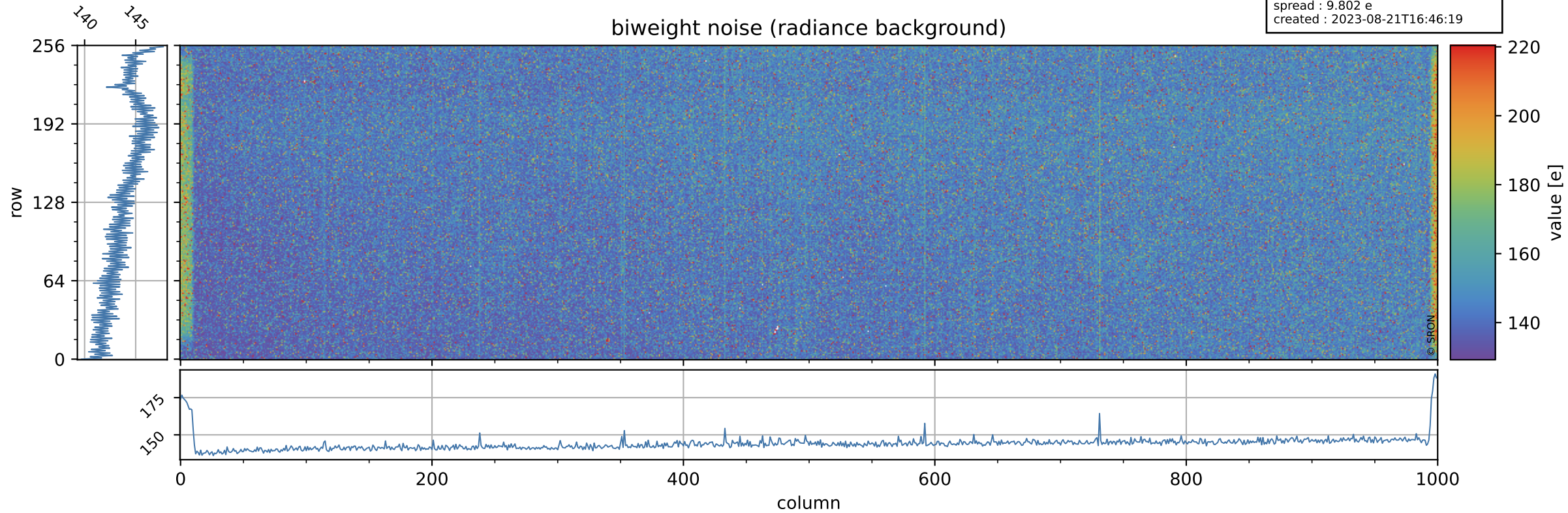
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.802 e
created : 2023-08-21T16:46:19

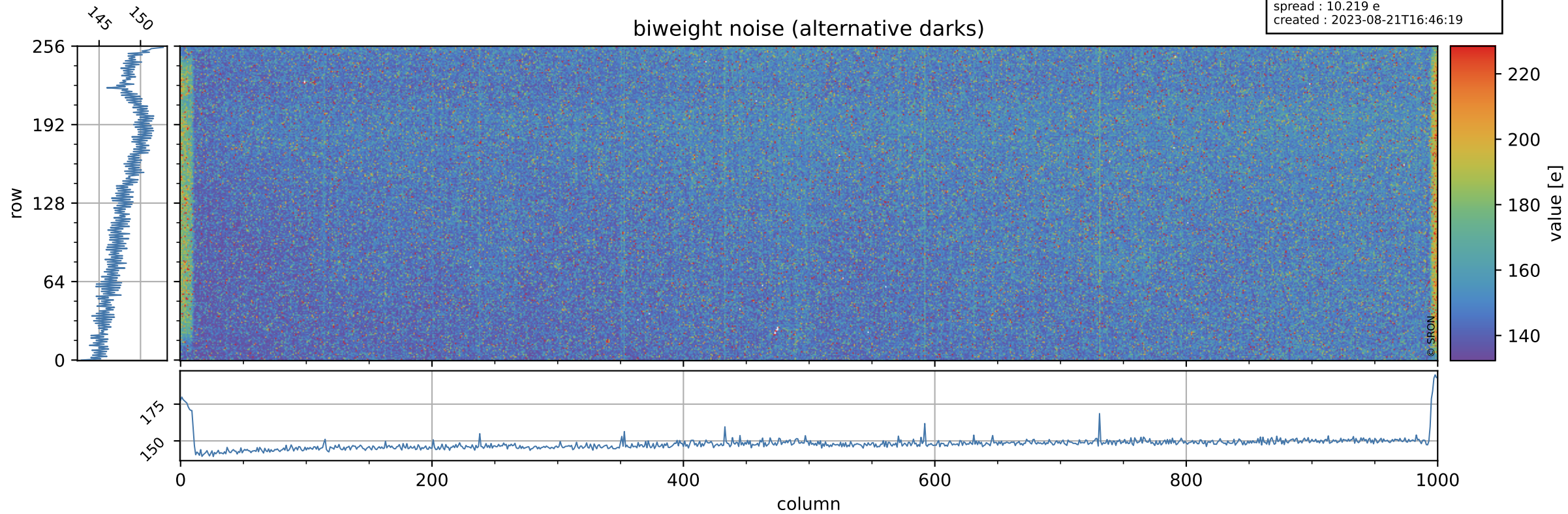
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.219 e
created : 2023-08-21T16:46:19

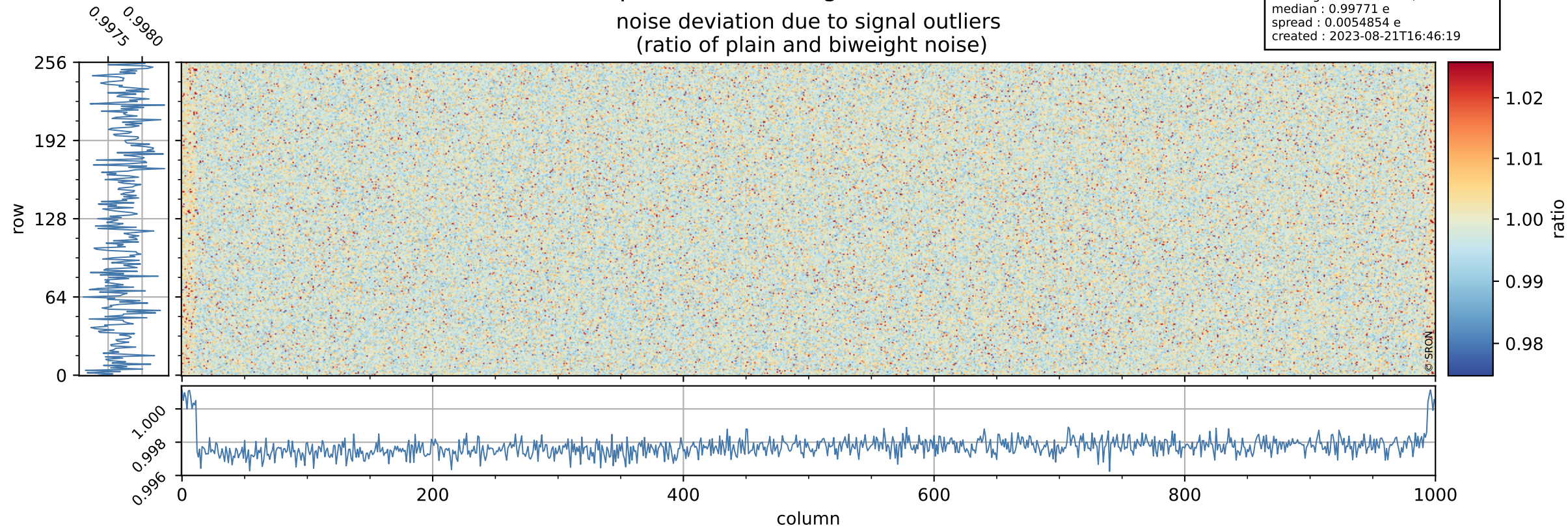
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

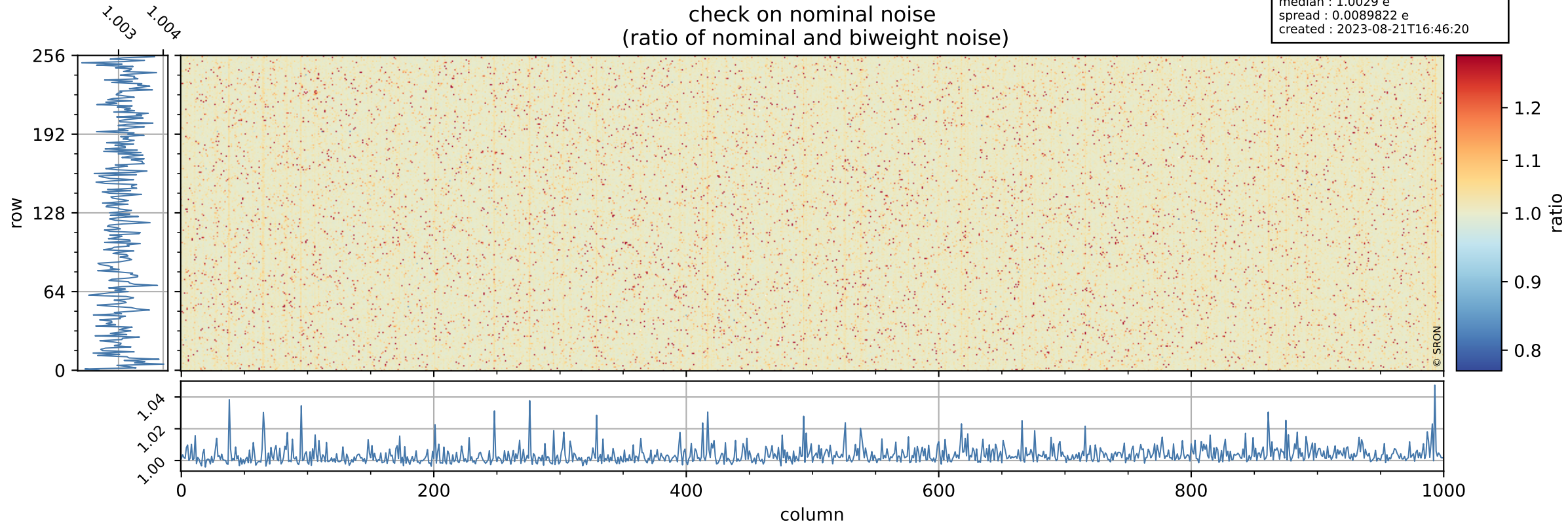
orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
median : 0.99771 e
spread : 0.0054854 e
created : 2023-08-21T16:46:19



Tropomi SWIR background noise (swir)

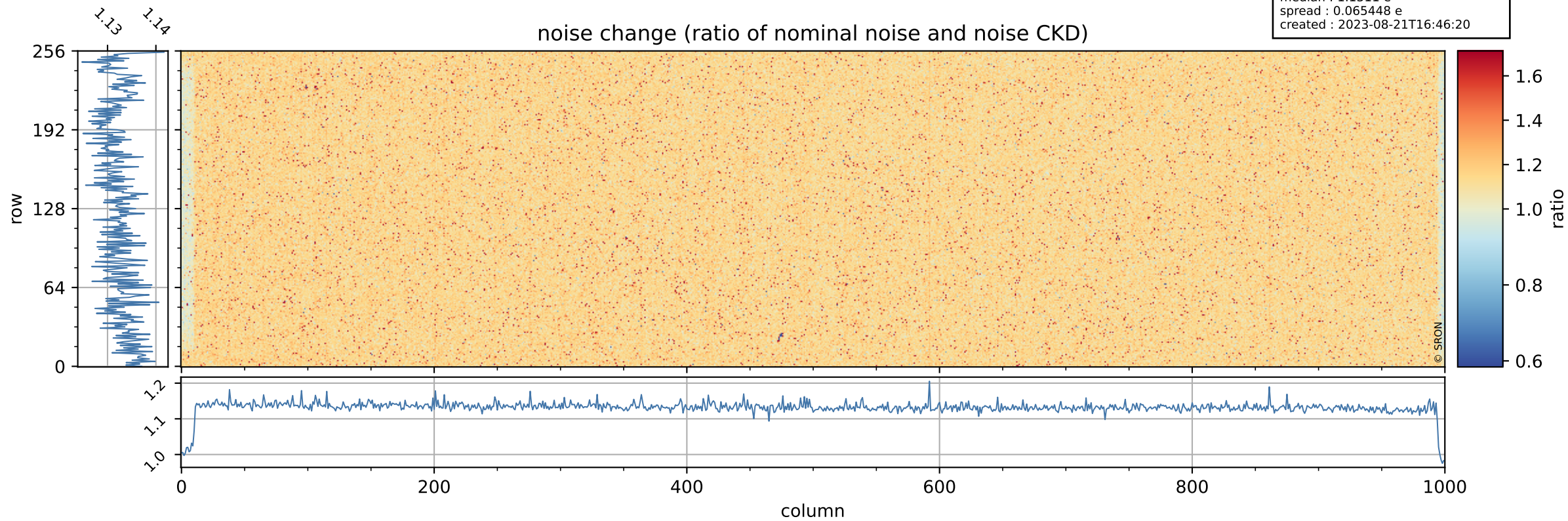
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
median : 1.0029 e
spread : 0.0089822 e
created : 2023-08-21T16:46:20



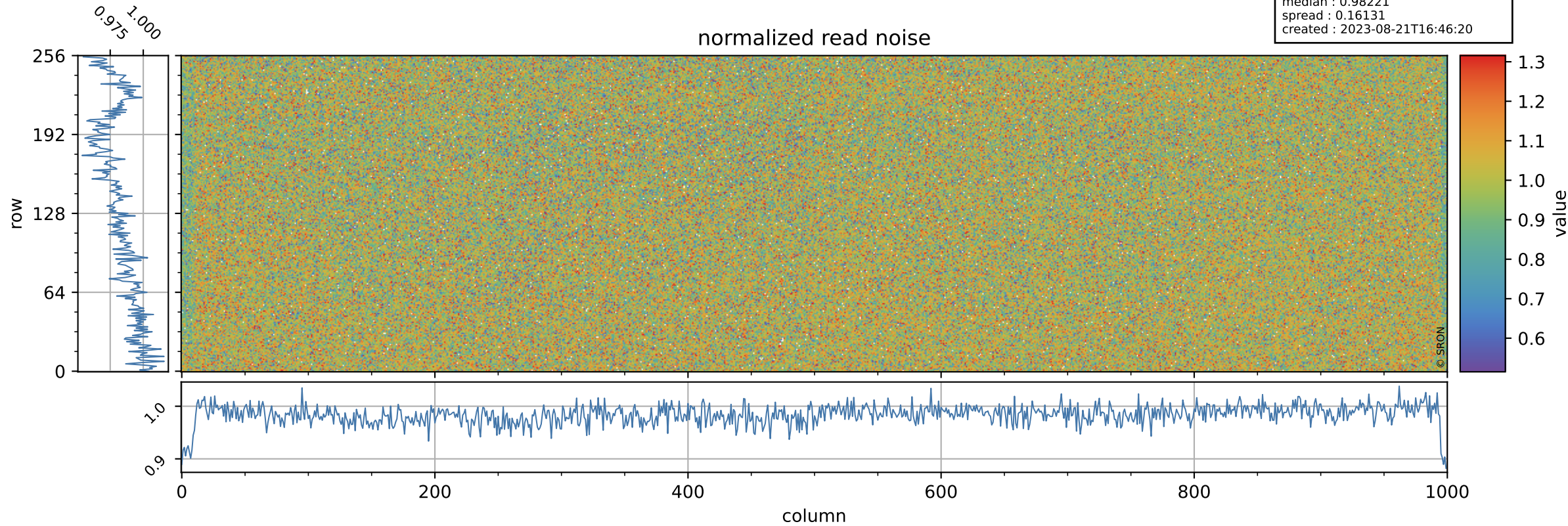
Tropomi SWIR background noise (swir)

orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
median : 1.1311 e
spread : 0.065448 e
created : 2023-08-21T16:46:20



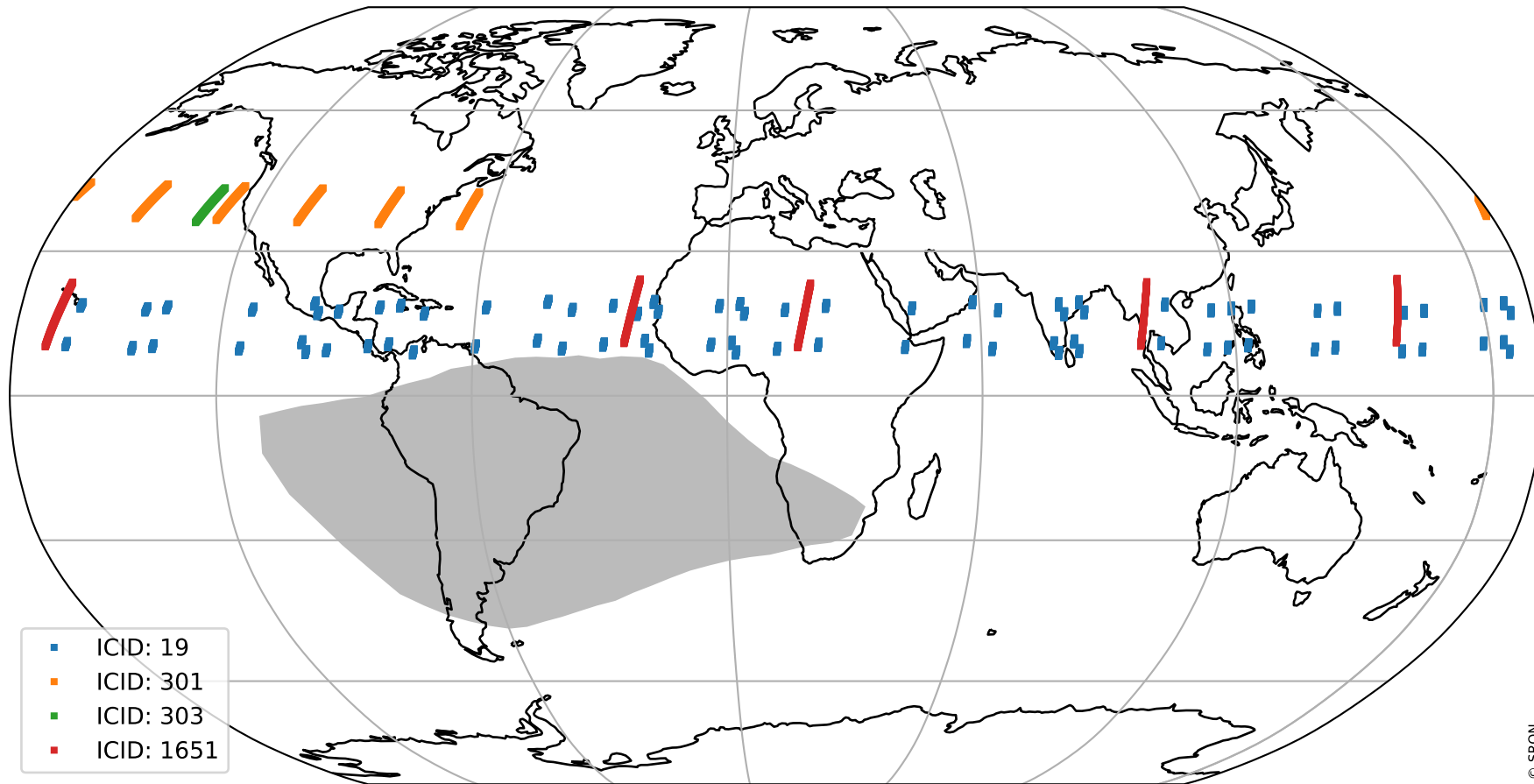
Tropomi SWIR background noise (swir)

orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
median : 0.98221
spread : 0.16131
created : 2023-08-21T16:46:20



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

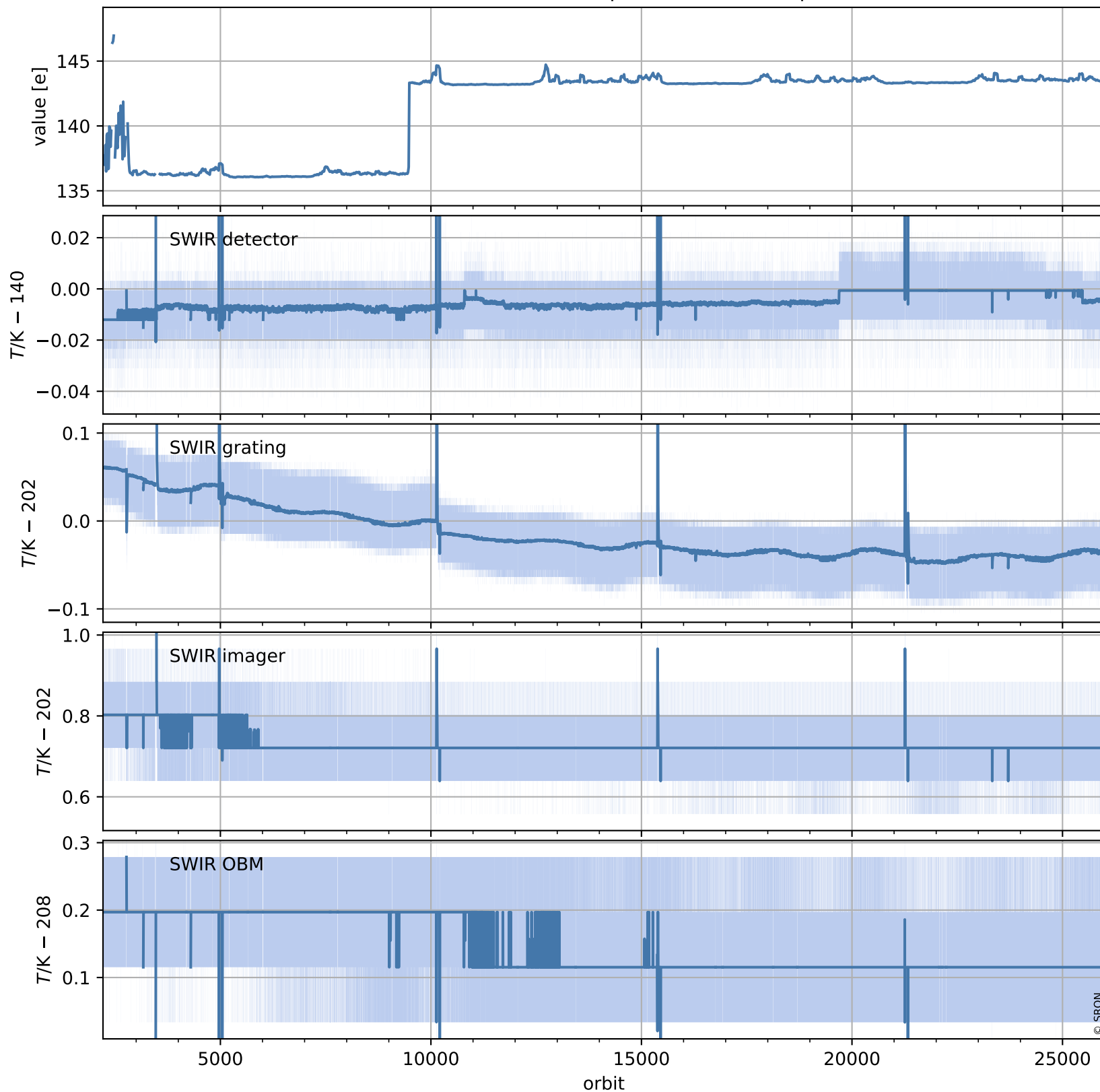
orbits : 12 in [25912, 26002]
coverage : 2022-10-14 / 2022-10-19
created : 2023-08-21T16:46:21



Tropomi SWIR background noise (swir)

orbits : [2212, 26002]
coverage : 2018-03-18 / 2022-10-19
created : 2023-08-21T16:46:21

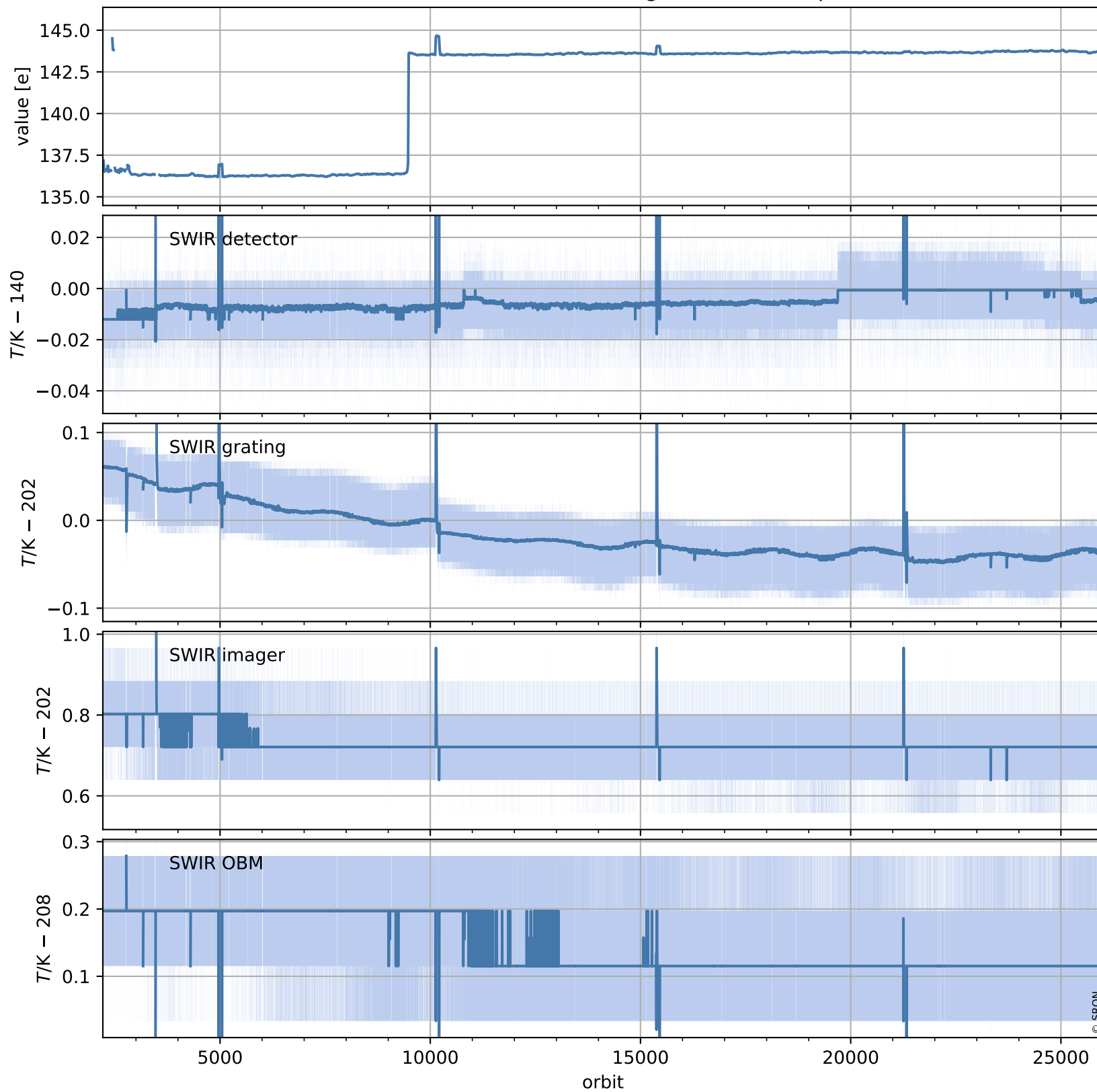
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26002]
coverage : 2018-03-18 / 2022-10-19
created : 2023-08-21T16:46:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26002]
coverage : 2018-03-18 / 2022-10-19
created : 2023-08-21T16:46:23

trend of normalized read-noise & temperatures

