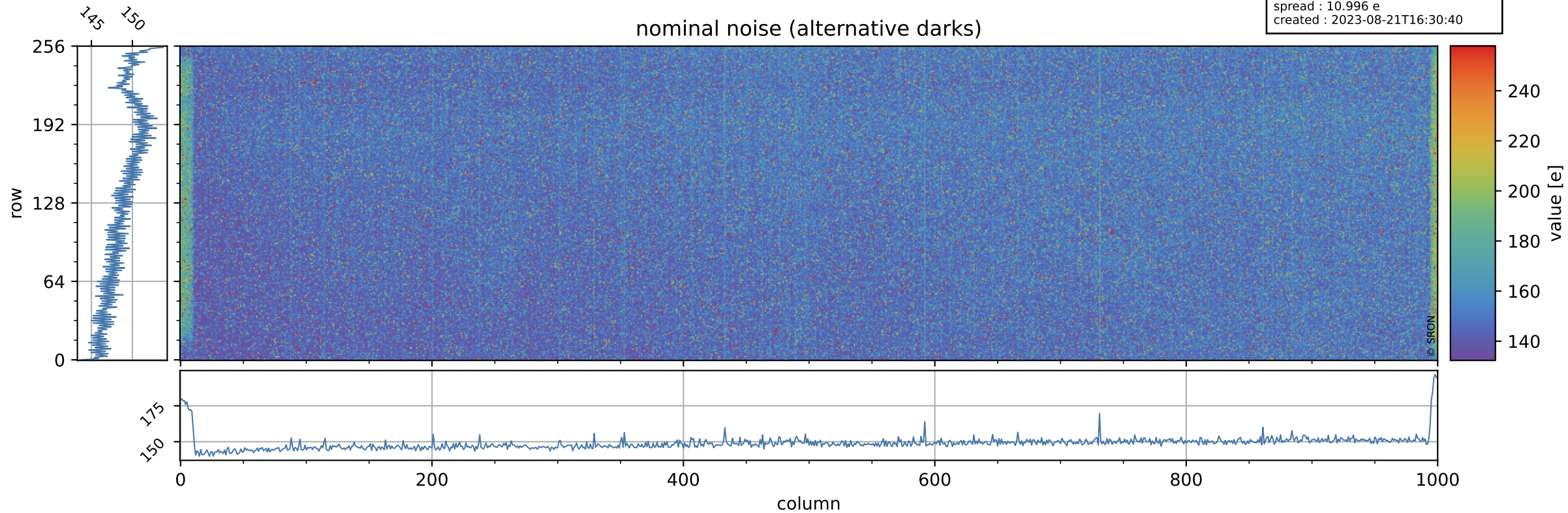


Tropomi SWIR background noise (swir)

orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.996 e
created : 2023-08-21T16:30:40

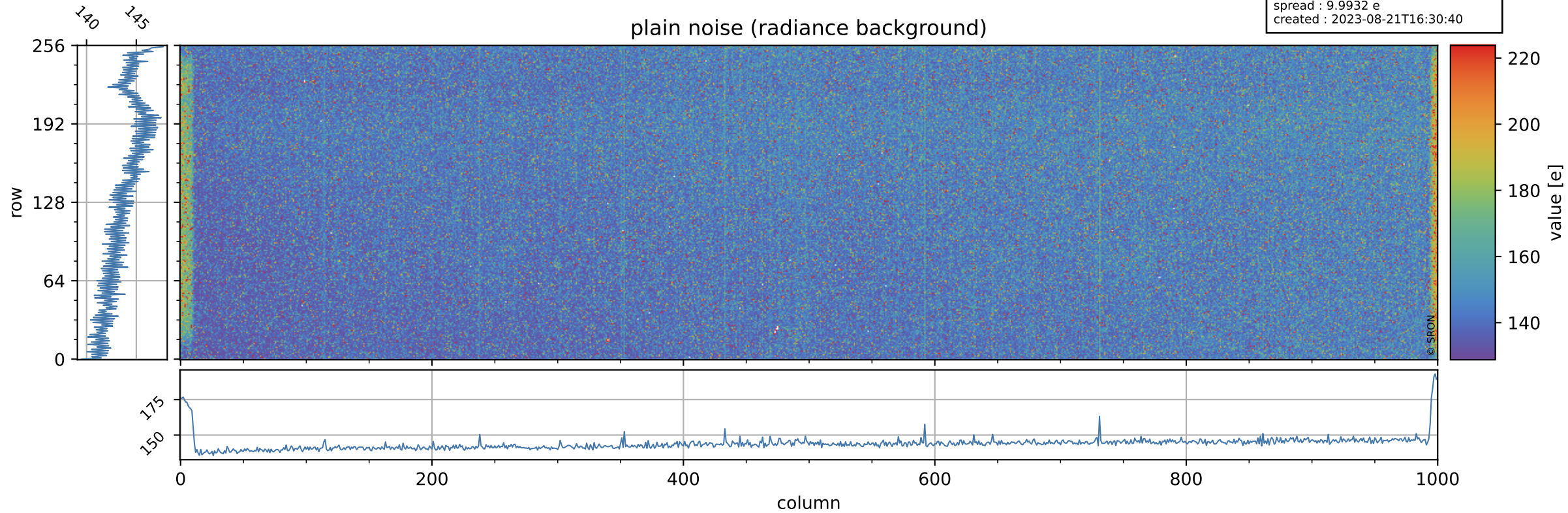
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.9932 e
created : 2023-08-21T16:30:40

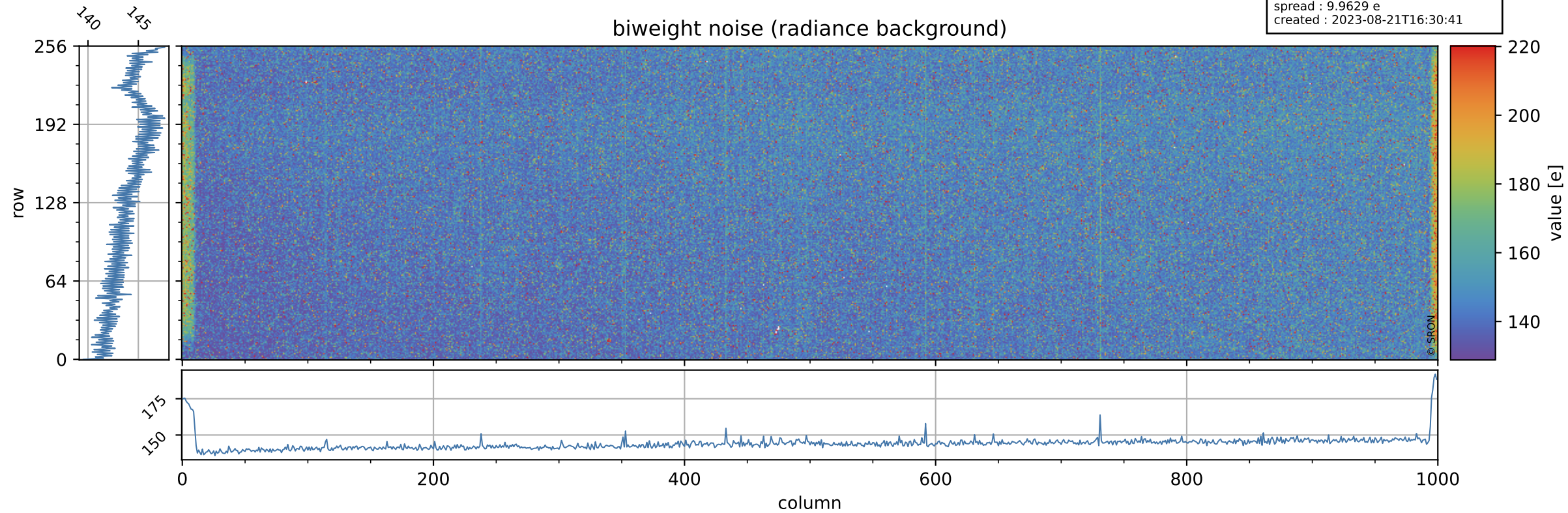
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9629 e
created : 2023-08-21T16:30:41

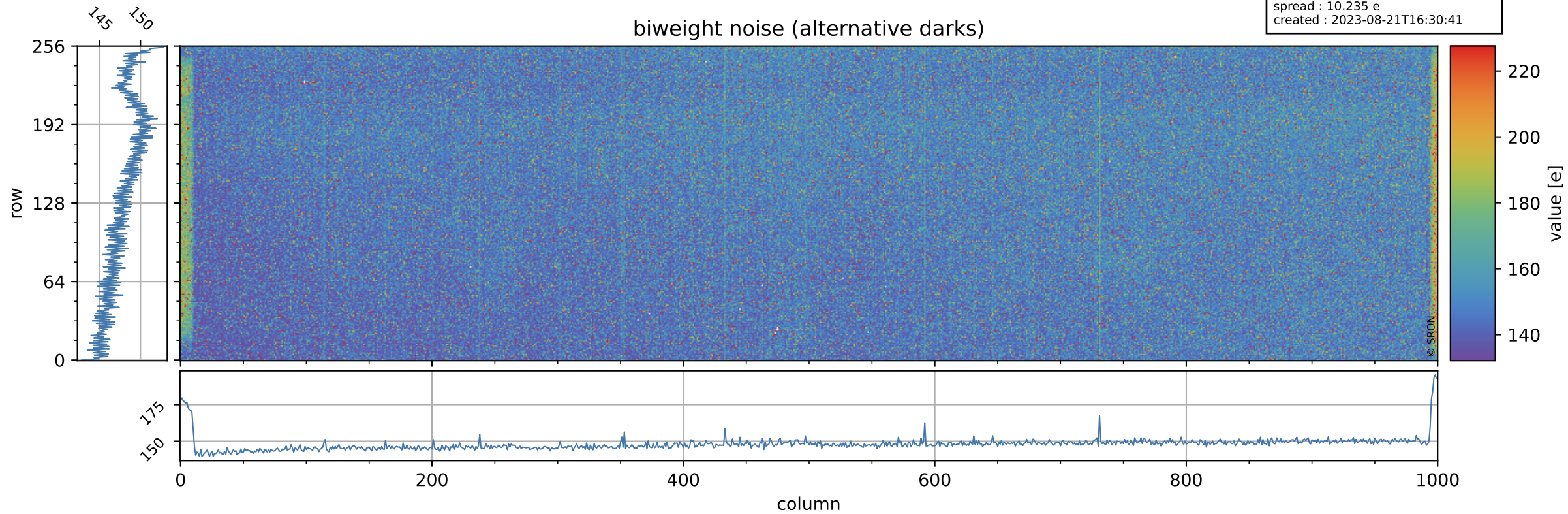
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.235 e
created : 2023-08-21T16:30:41

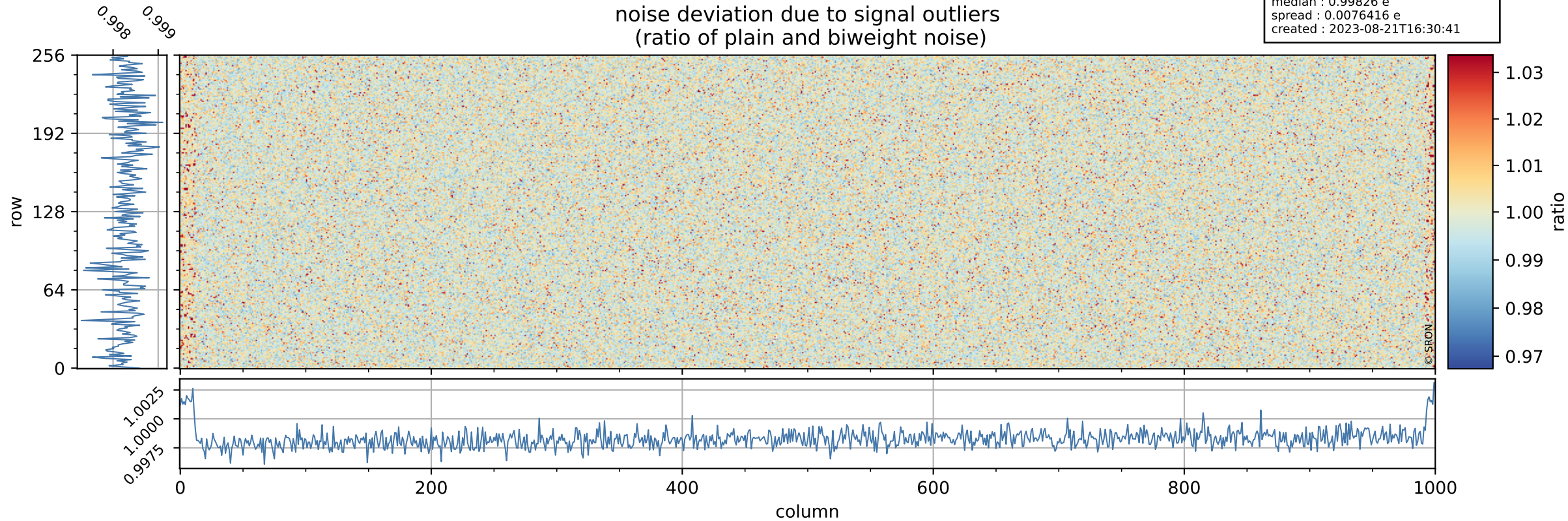
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

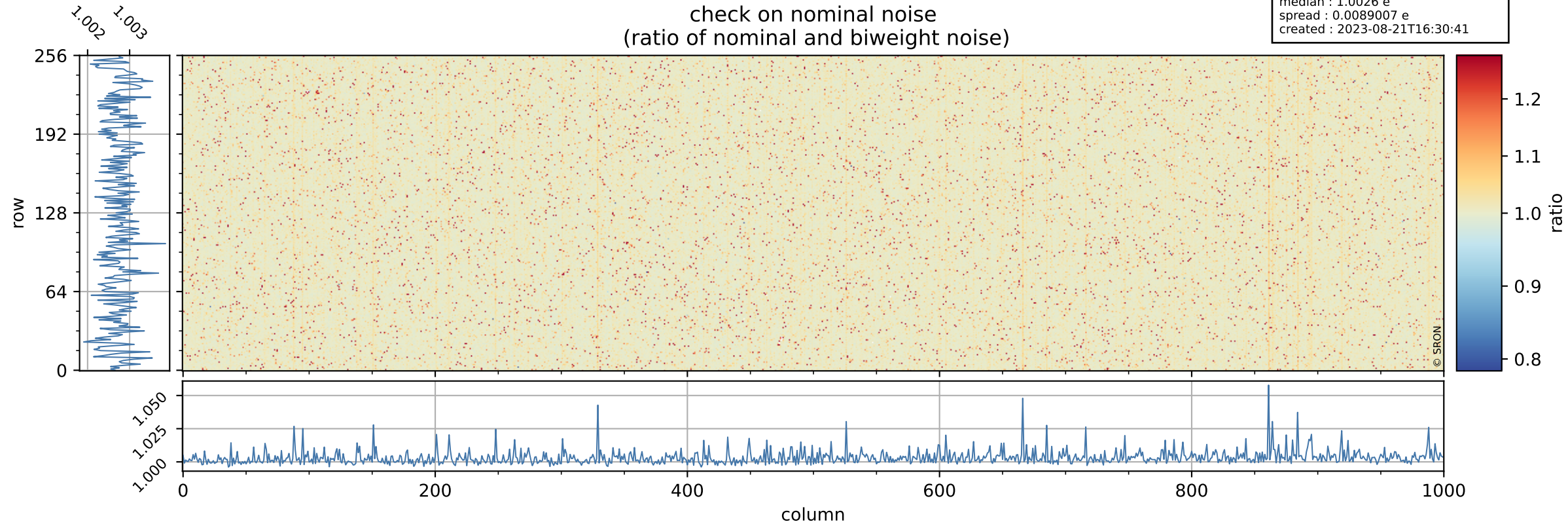
orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
median : 0.99826 e
spread : 0.0076416 e
created : 2023-08-21T16:30:41



Tropomi SWIR background noise (swir)

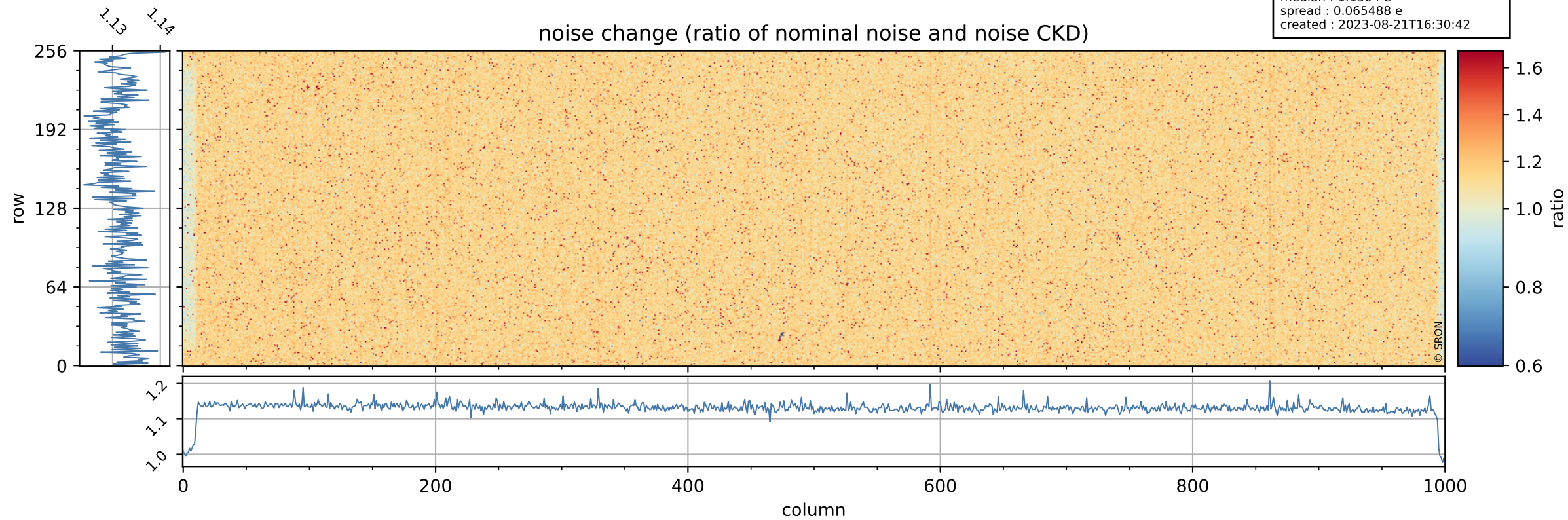
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
median : 1.0026 e
spread : 0.0089007 e
created : 2023-08-21T16:30:41



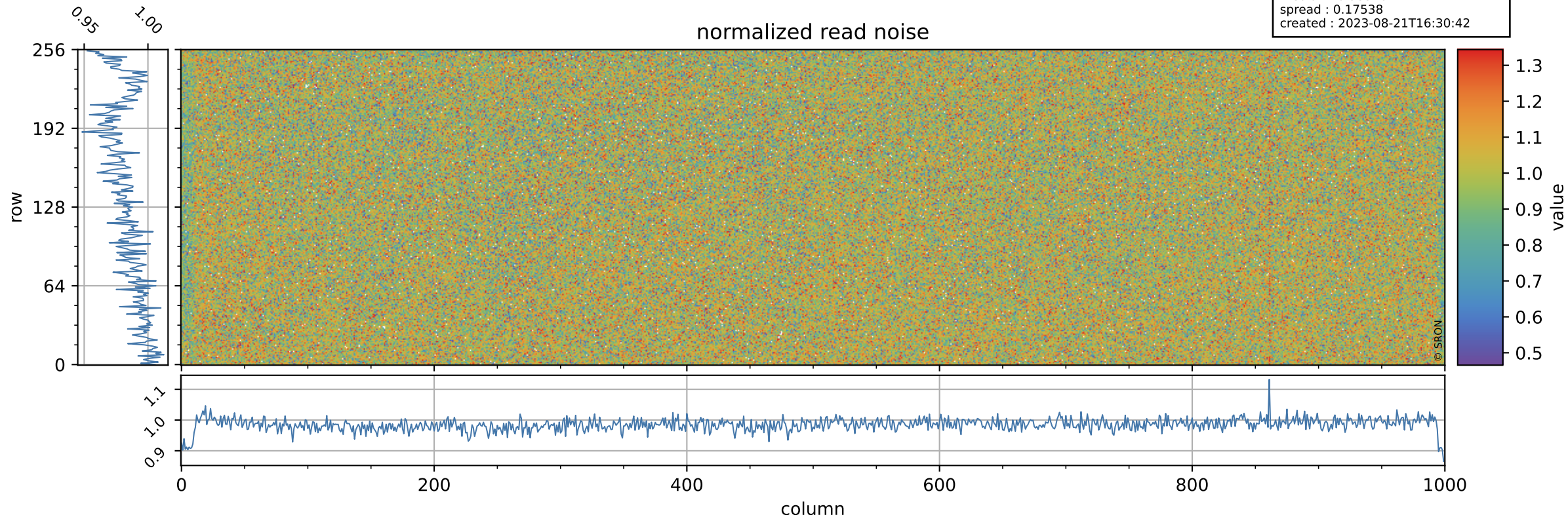
Tropomi SWIR background noise (swir)

orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
median : 1.1304 e
spread : 0.065488 e
created : 2023-08-21T16:30:42



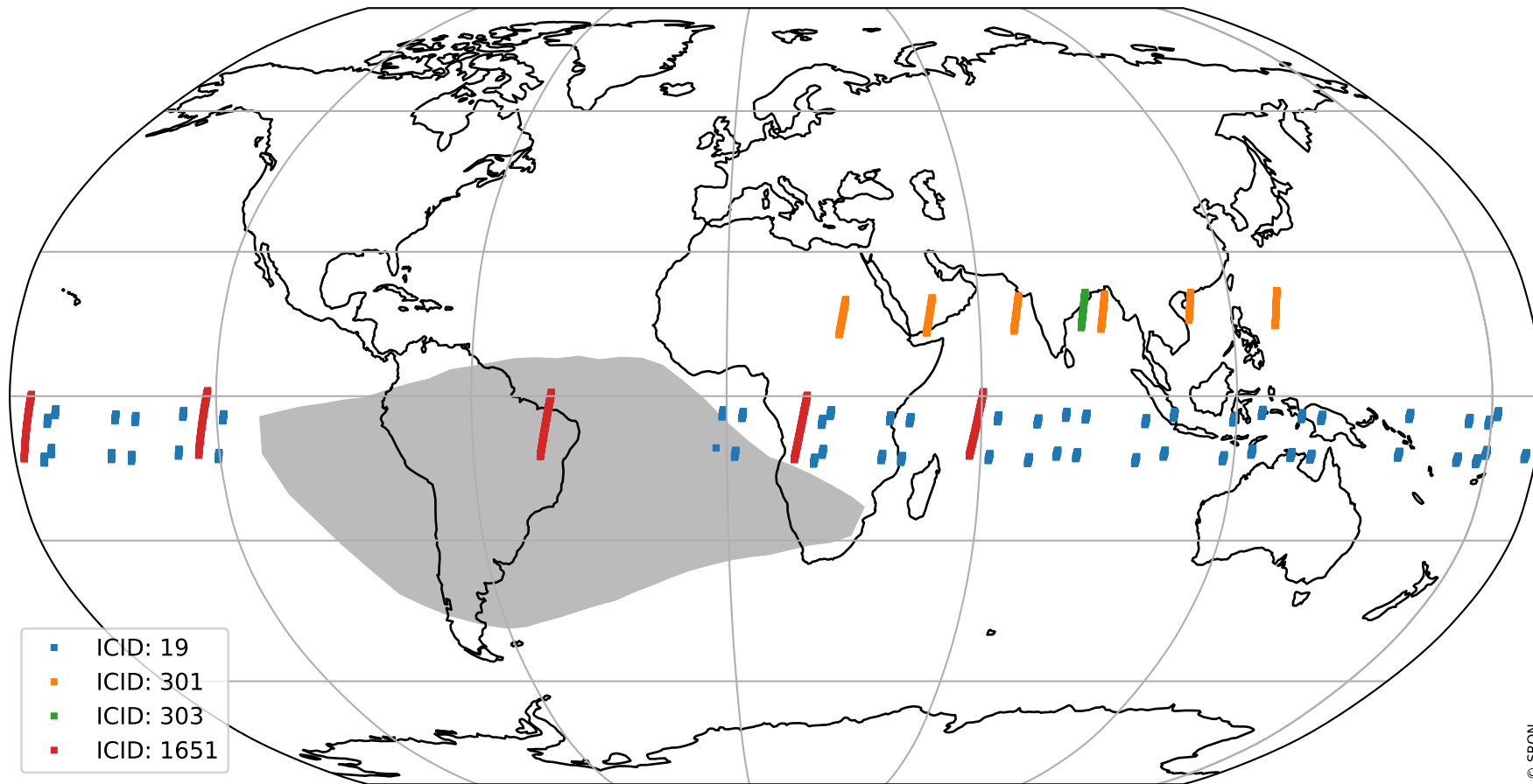
Tropomi SWIR background noise (swir)

orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
median : 0.98316
spread : 0.17538
created : 2023-08-21T16:30:42



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

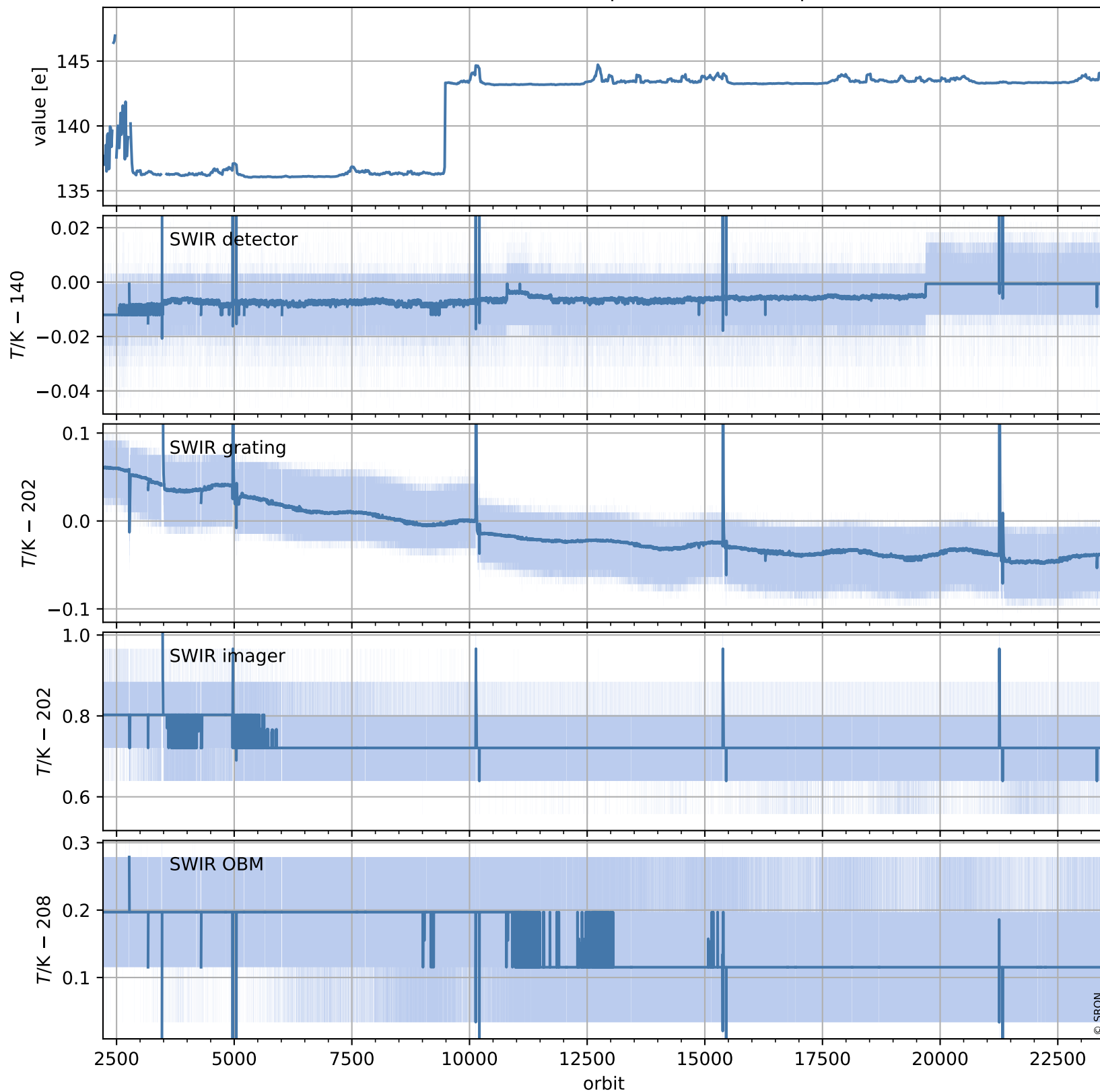
orbits : 12 in [23422, 23497]
coverage : 2022-04-20 / 2022-04-26
created : 2023-08-21T16:30:42



Tropomi SWIR background noise (swir)

orbits : [2212, 23497]
coverage : 2018-03-18 / 2022-04-26
created : 2023-08-21T16:30:43

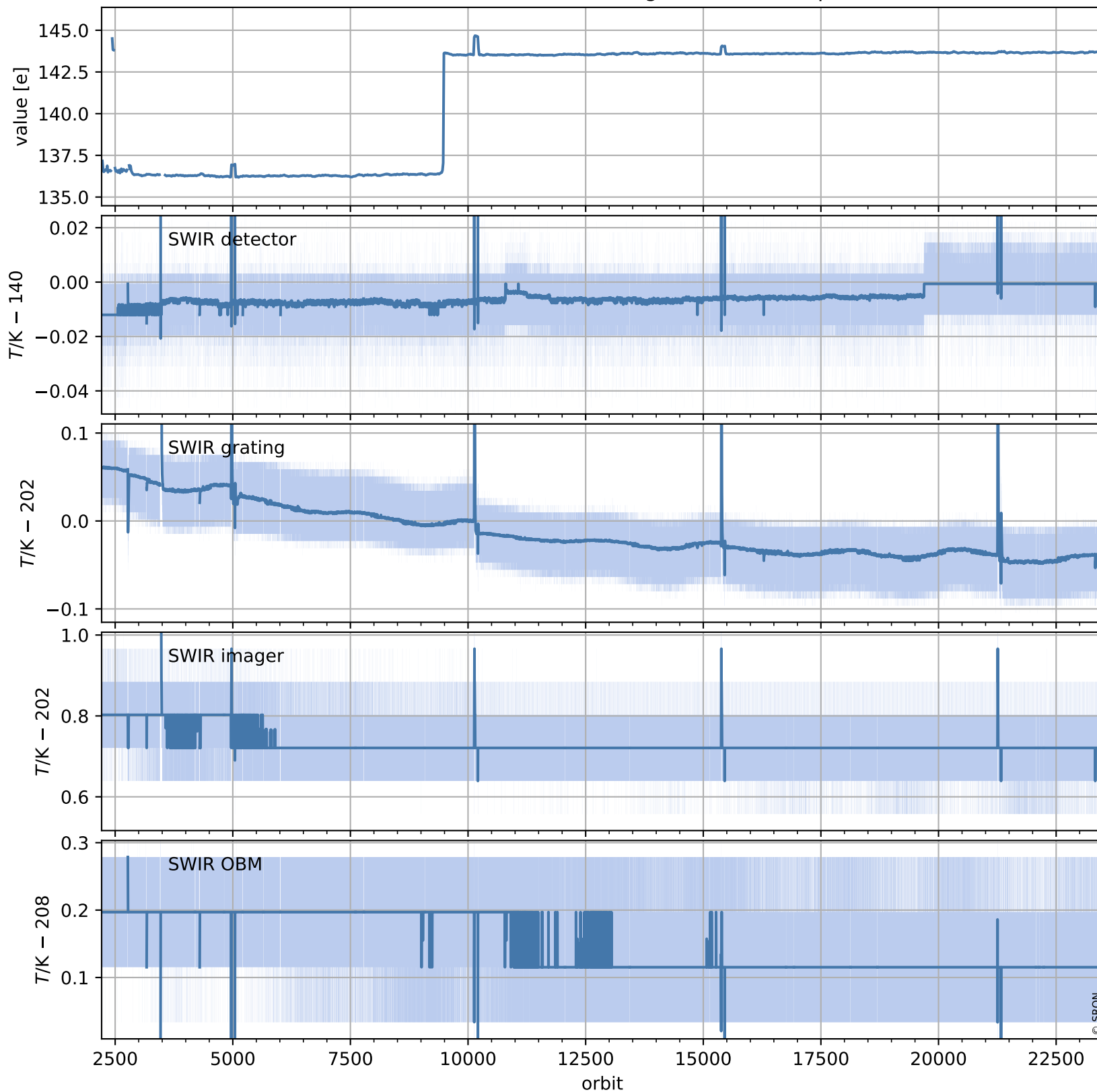
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23497]
coverage : 2018-03-18 / 2022-04-26
created : 2023-08-21T16:30:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23497]
coverage : 2018-03-18 / 2022-04-26
created : 2023-08-21T16:30:44

trend of normalized read-noise & temperatures

