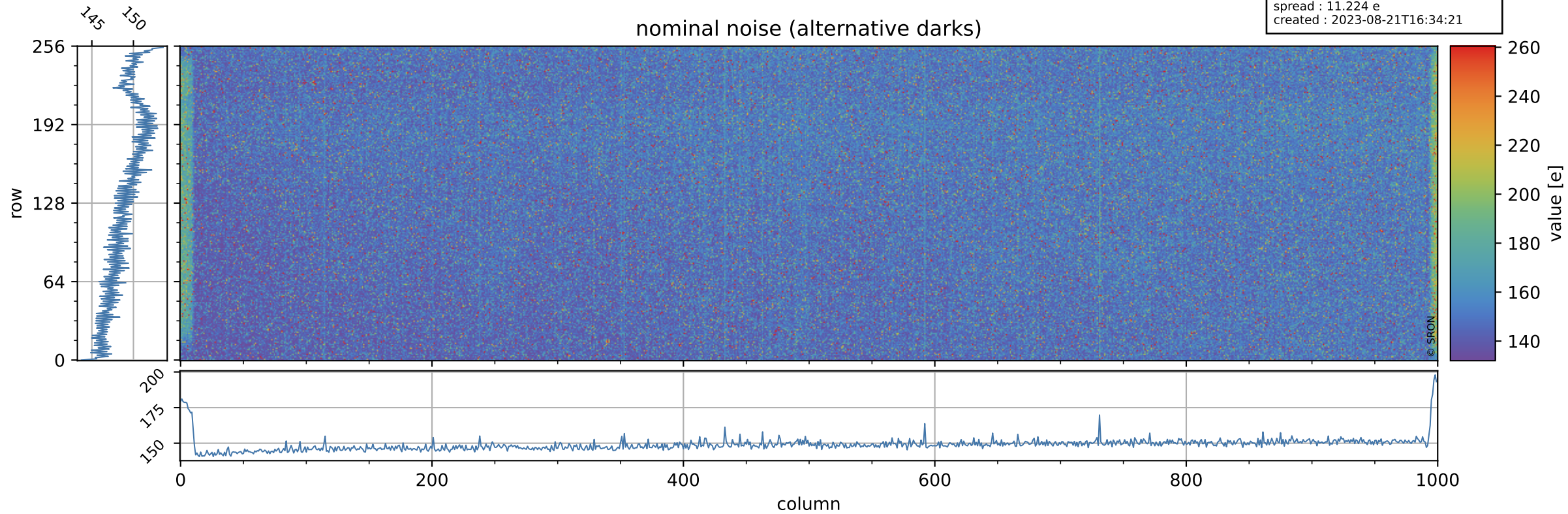


Tropomi SWIR background noise (swir)

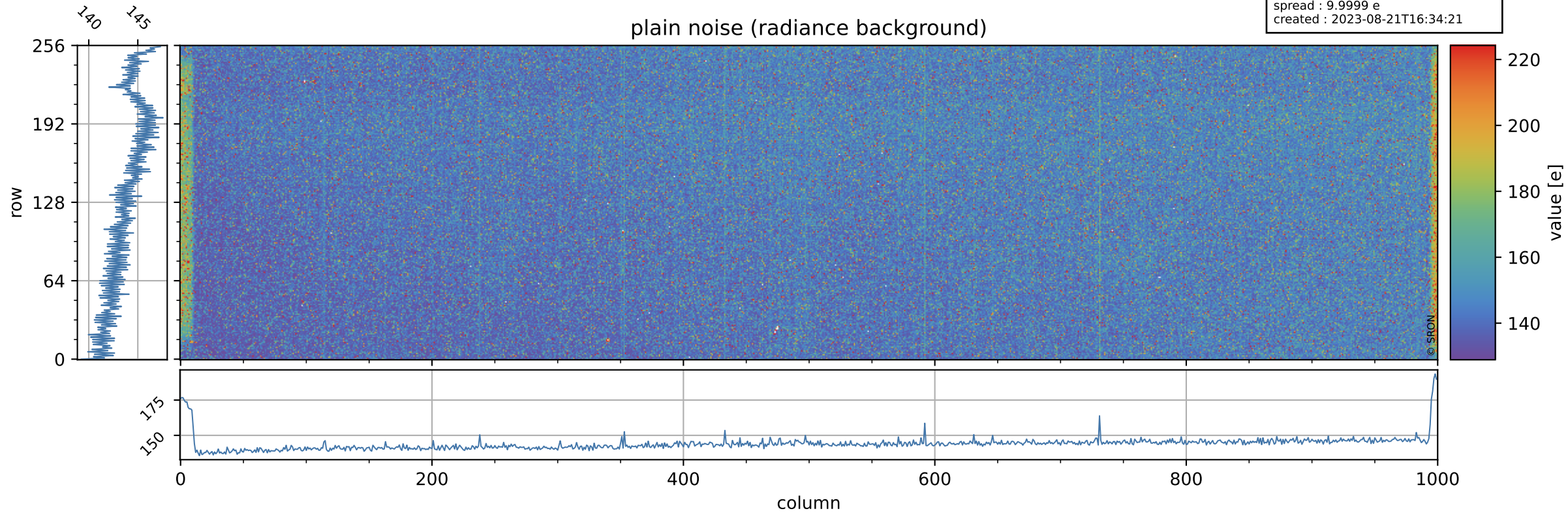
orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 11.224 e
created : 2023-08-21T16:34:21



Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9999 e
created : 2023-08-21T16:34:21

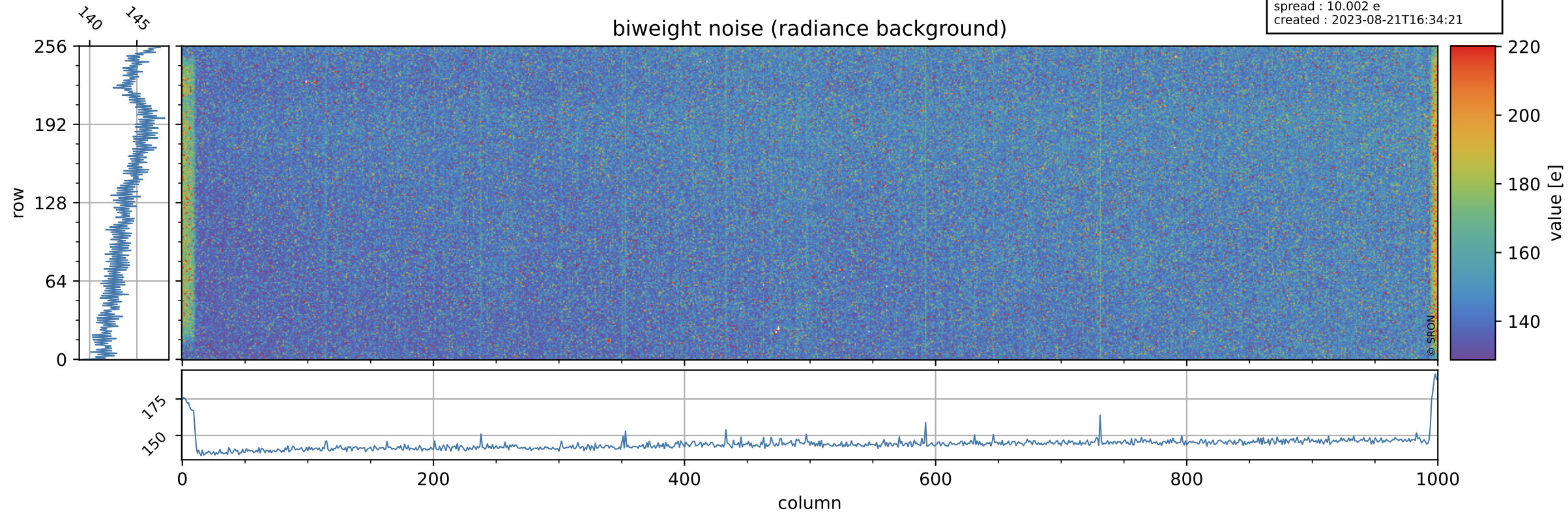
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 10.002 e
created : 2023-08-21T16:34:21

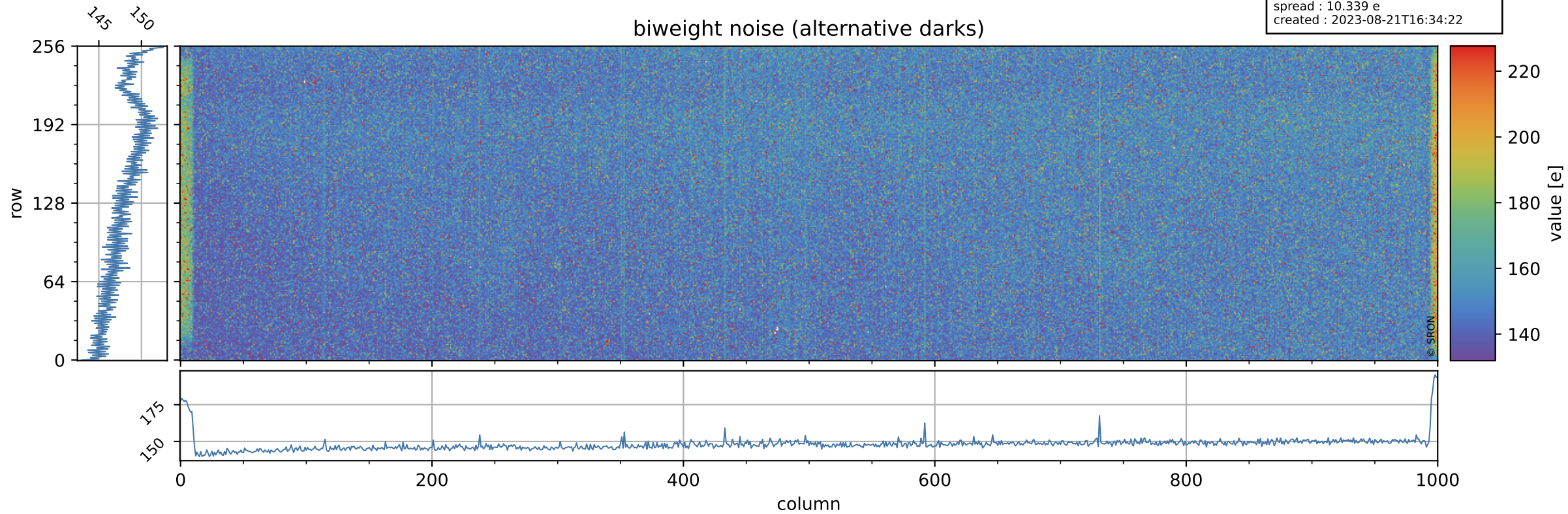
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.339 e
created : 2023-08-21T16:34:22

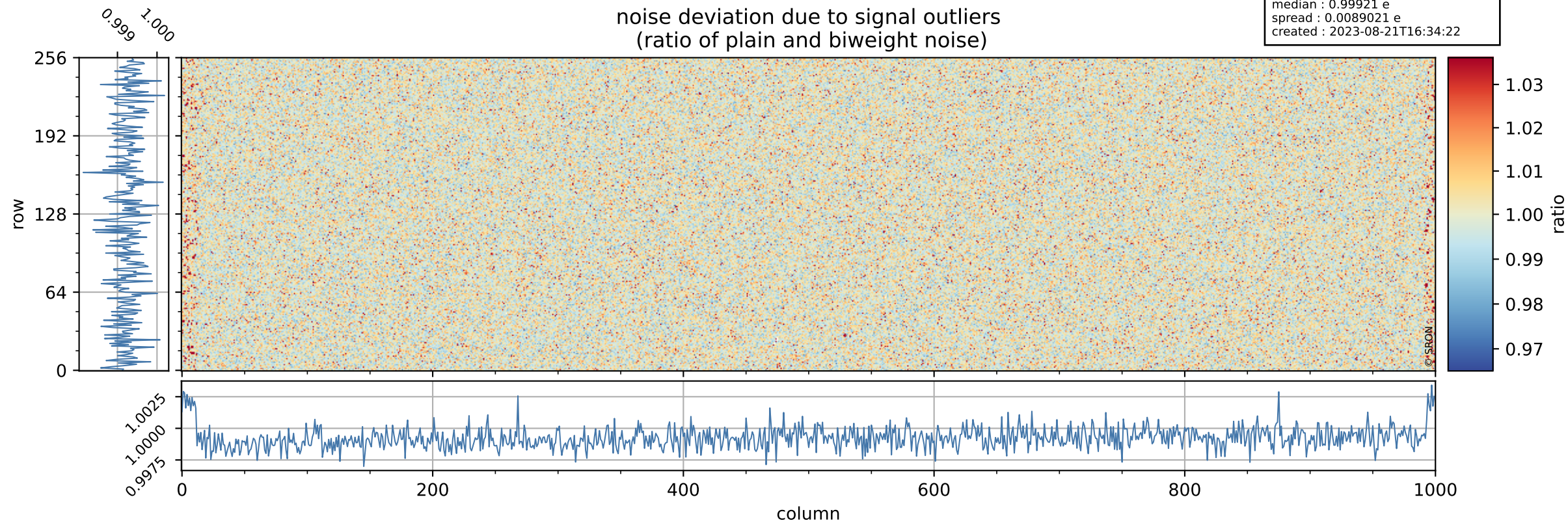
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

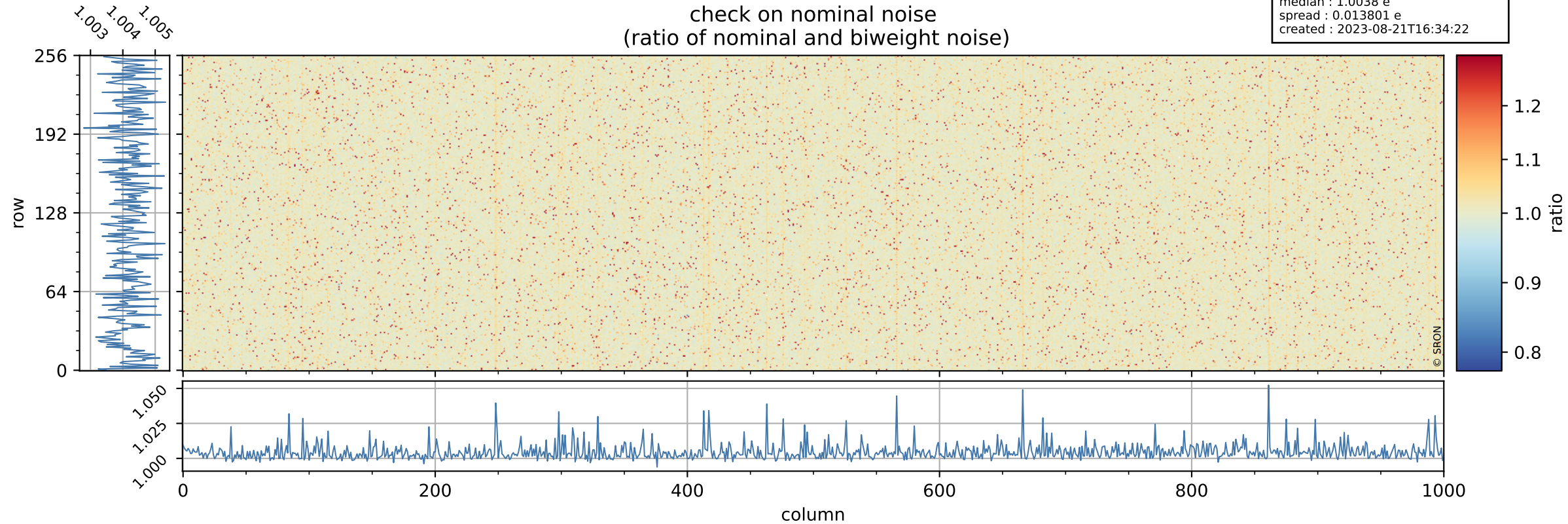
orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
median : 0.99921 e
spread : 0.0089021 e
created : 2023-08-21T16:34:22



Tropomi SWIR background noise (swir)

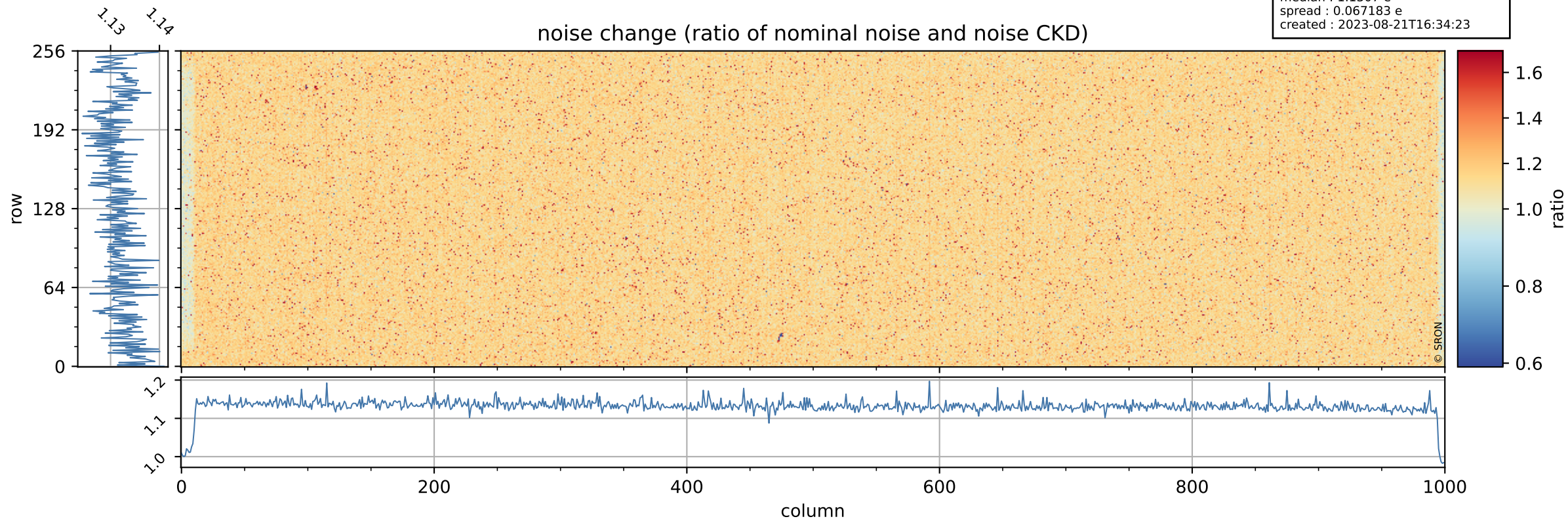
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
median : 1.0038 e
spread : 0.013801 e
created : 2023-08-21T16:34:22



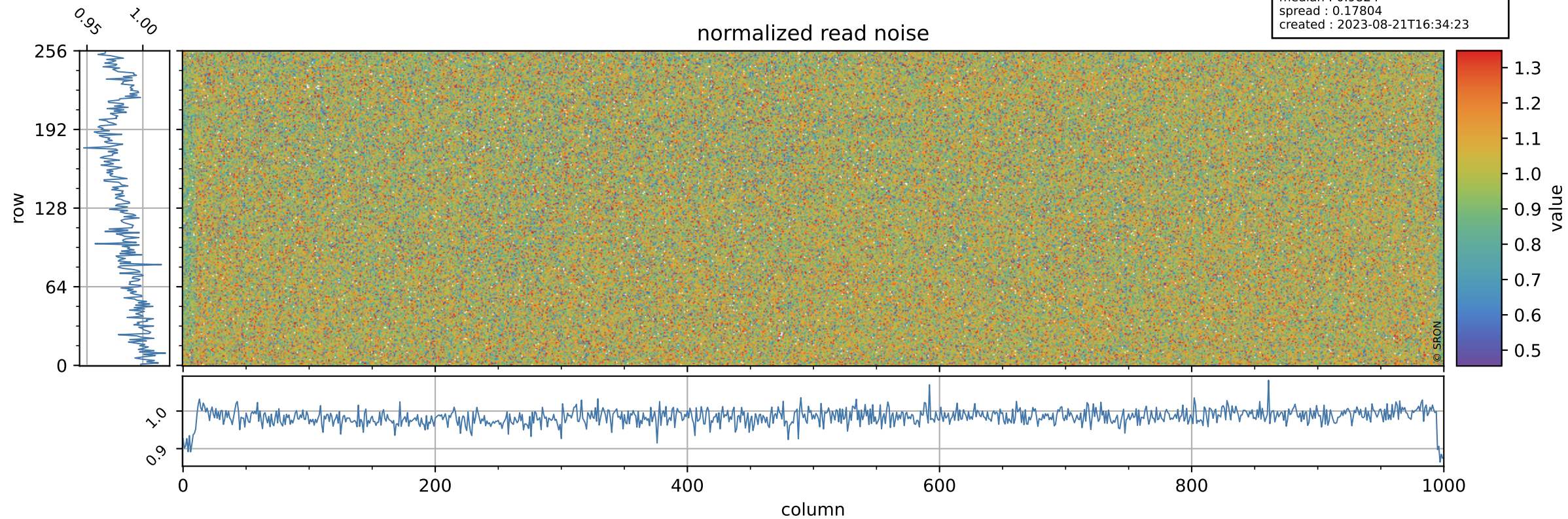
Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
median : 1.1307 e
spread : 0.067183 e
created : 2023-08-21T16:34:23



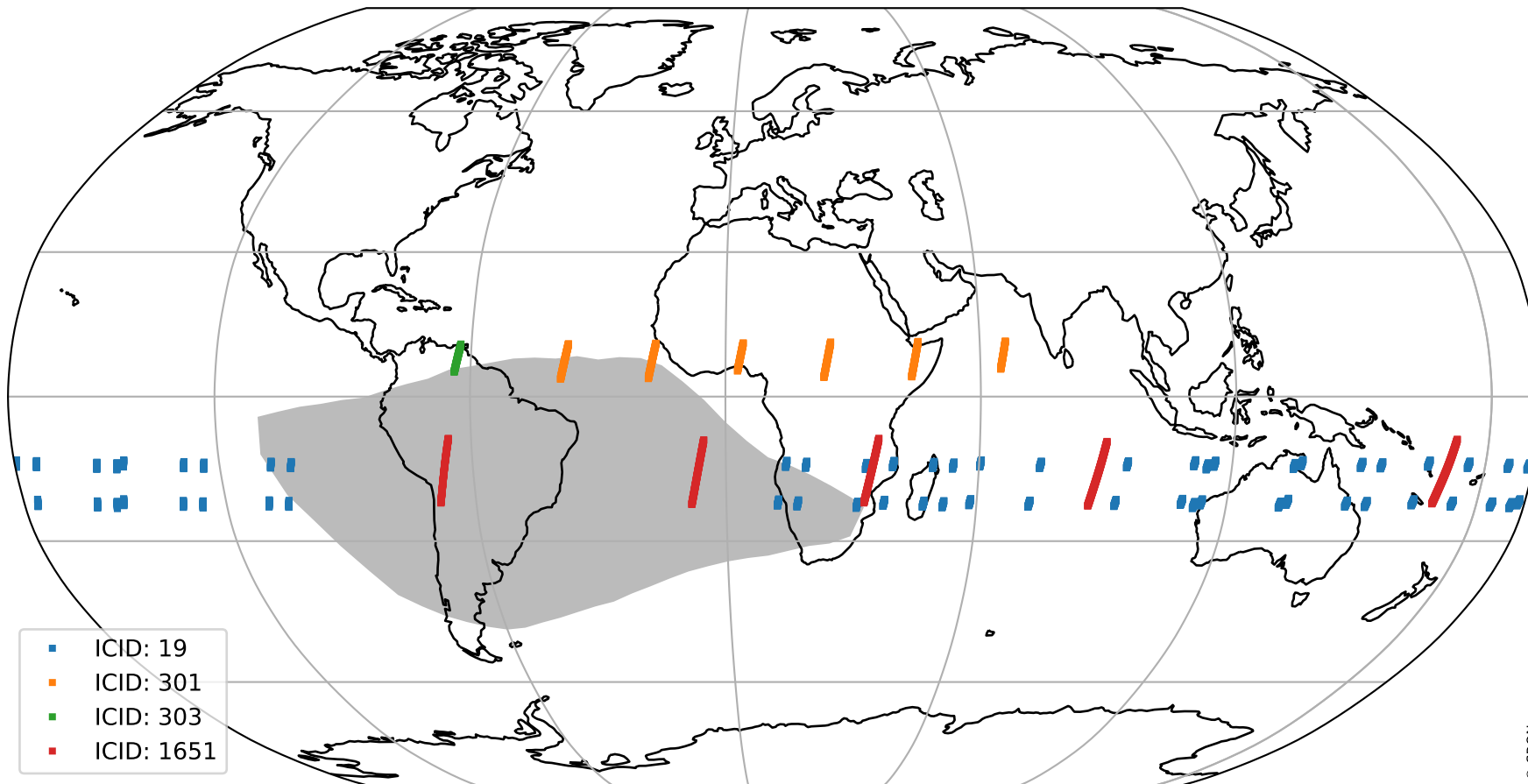
Tropomi SWIR background noise (swir)

orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
median : 0.9824
spread : 0.17804
created : 2023-08-21T16:34:23



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

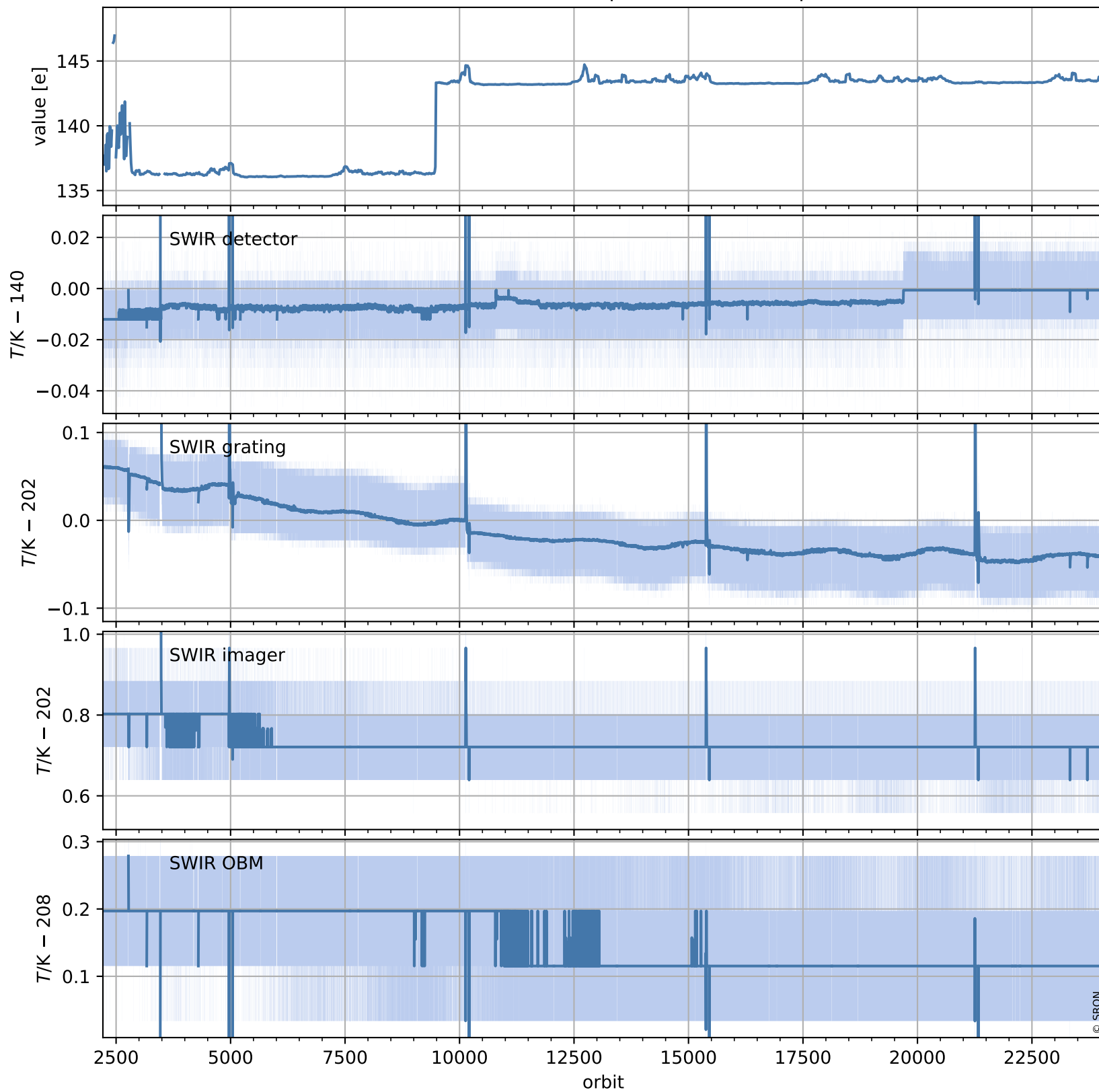
orbits : 12 in [23977, 24067]
coverage : 2022-05-30 / 2022-06-05
created : 2023-08-21T16:34:23



Tropomi SWIR background noise (swir)

orbits : [2212, 24067]
coverage : 2018-03-18 / 2022-06-05
created : 2023-08-21T16:34:24

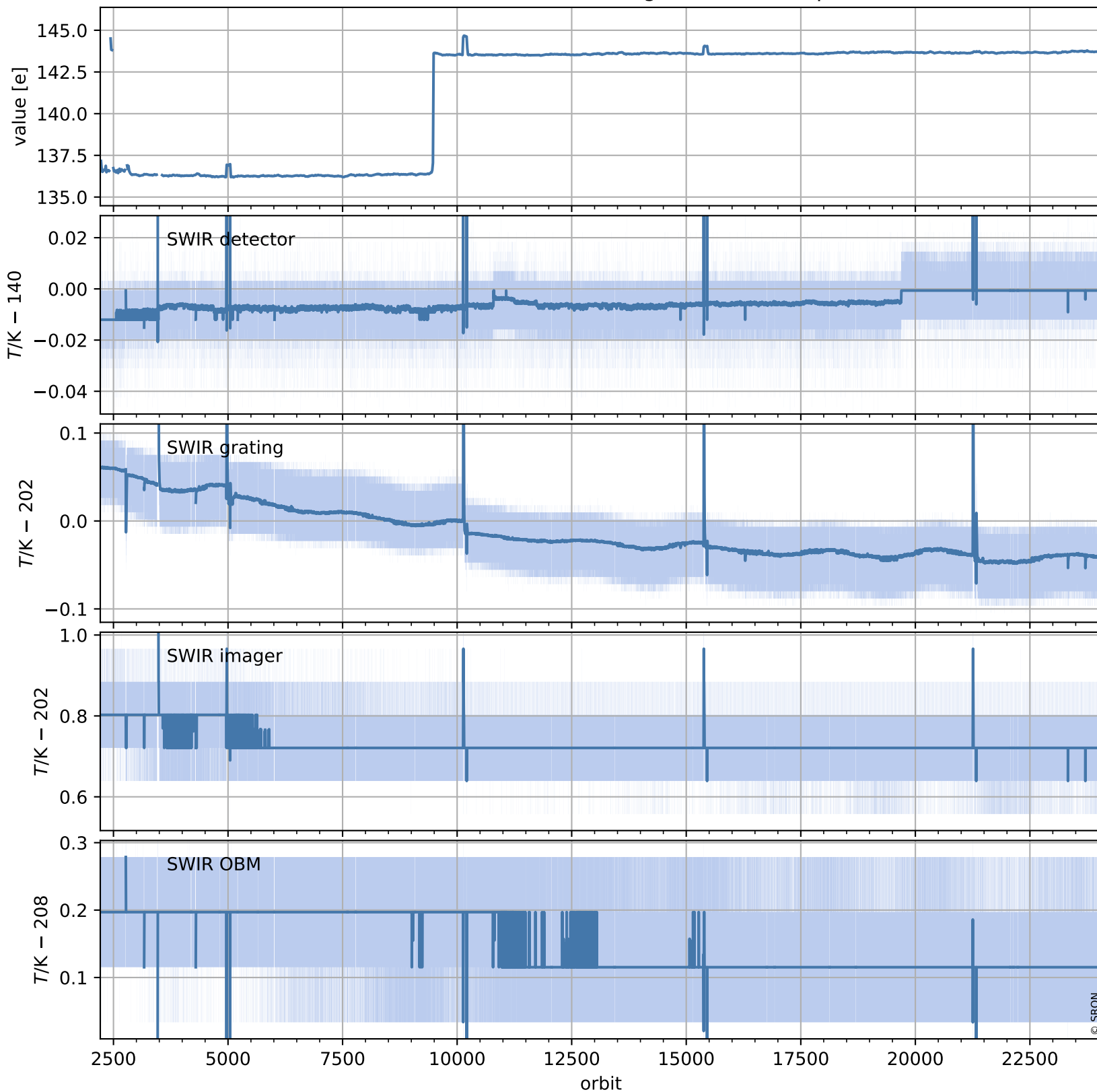
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24067]
coverage : 2018-03-18 / 2022-06-05
created : 2023-08-21T16:34:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24067]
coverage : 2018-03-18 / 2022-06-05
created : 2023-08-21T16:34:26

trend of normalized read-noise & temperatures

