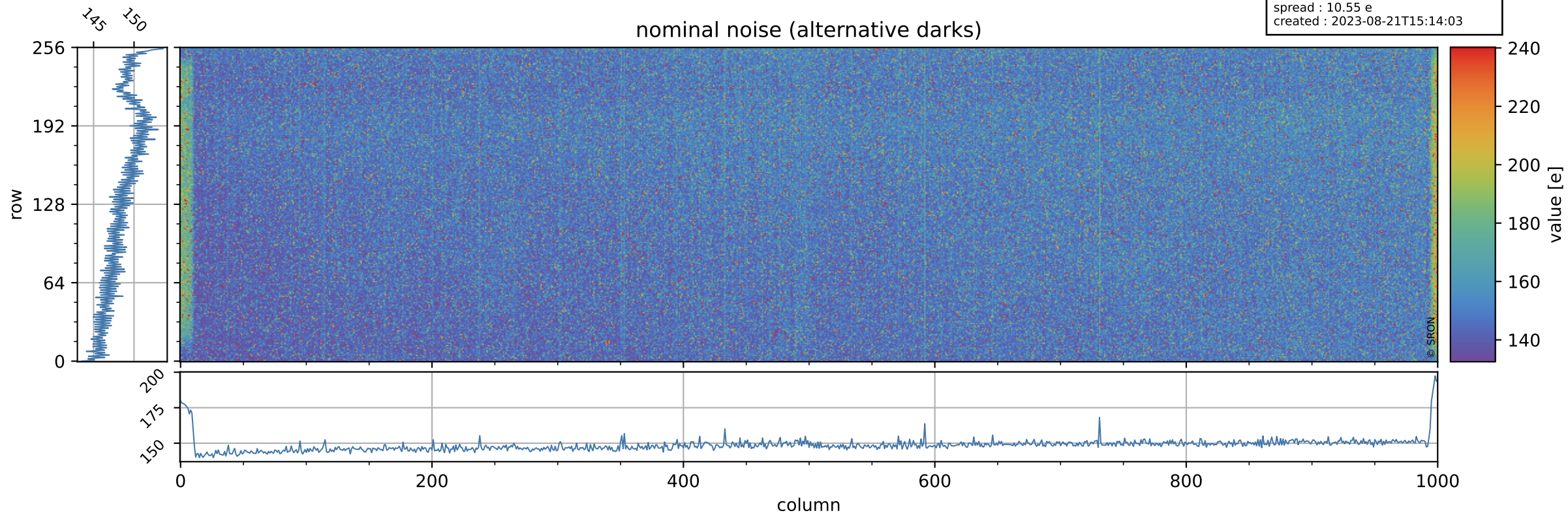


Tropomi SWIR background noise (swir)

orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.55 e
created : 2023-08-21T15:14:03

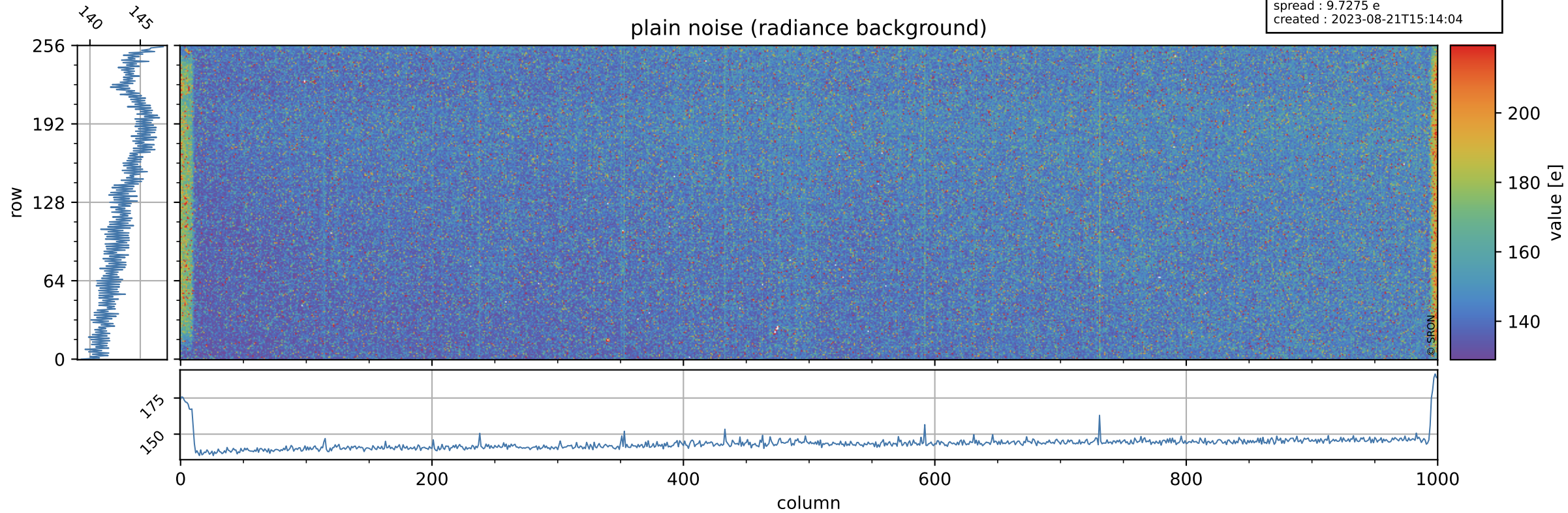
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7275 e
created : 2023-08-21T15:14:04

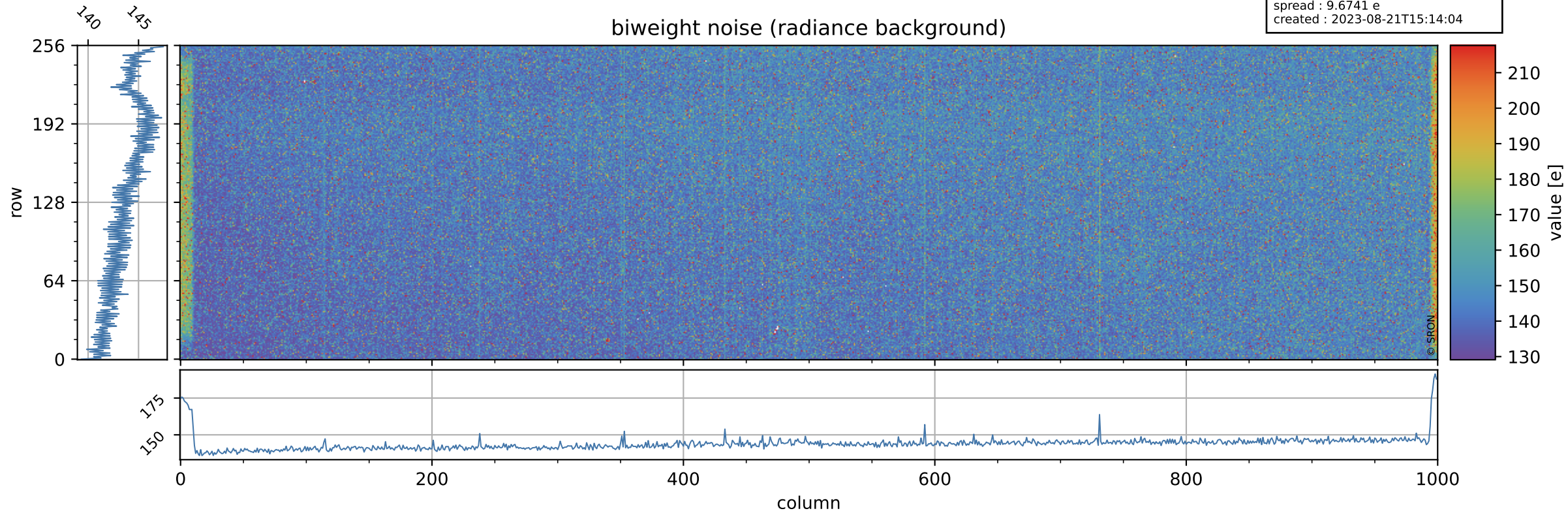
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.6741 e
created : 2023-08-21T15:14:04

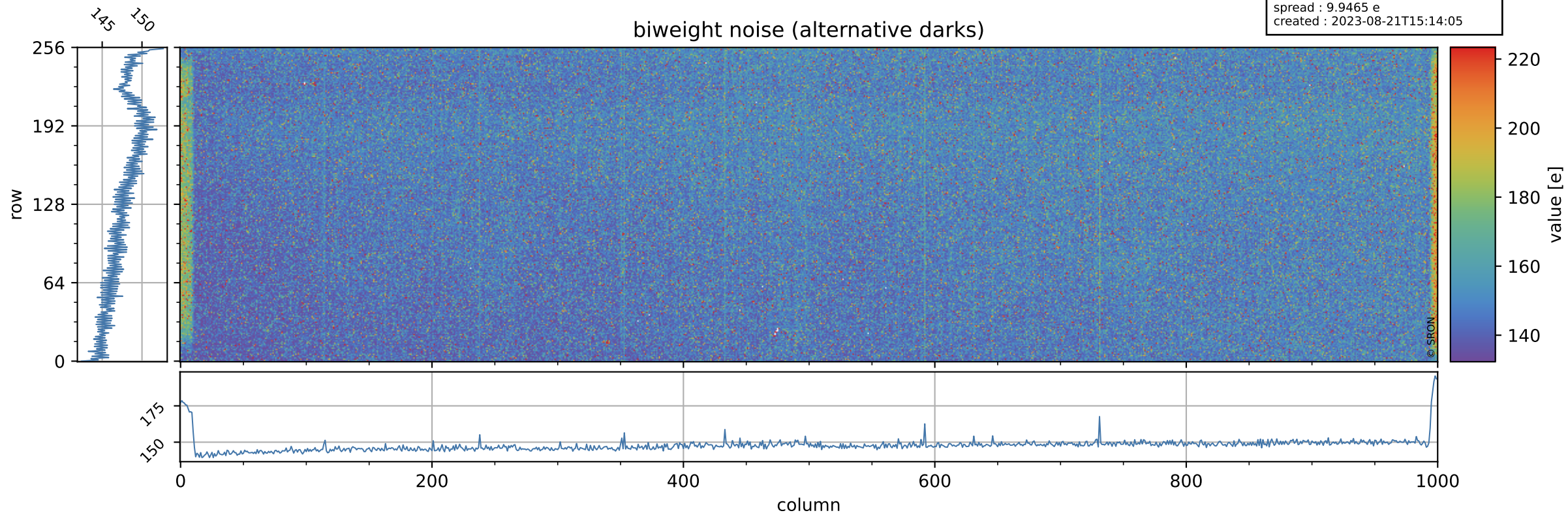
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 9.9465 e
created : 2023-08-21T15:14:05

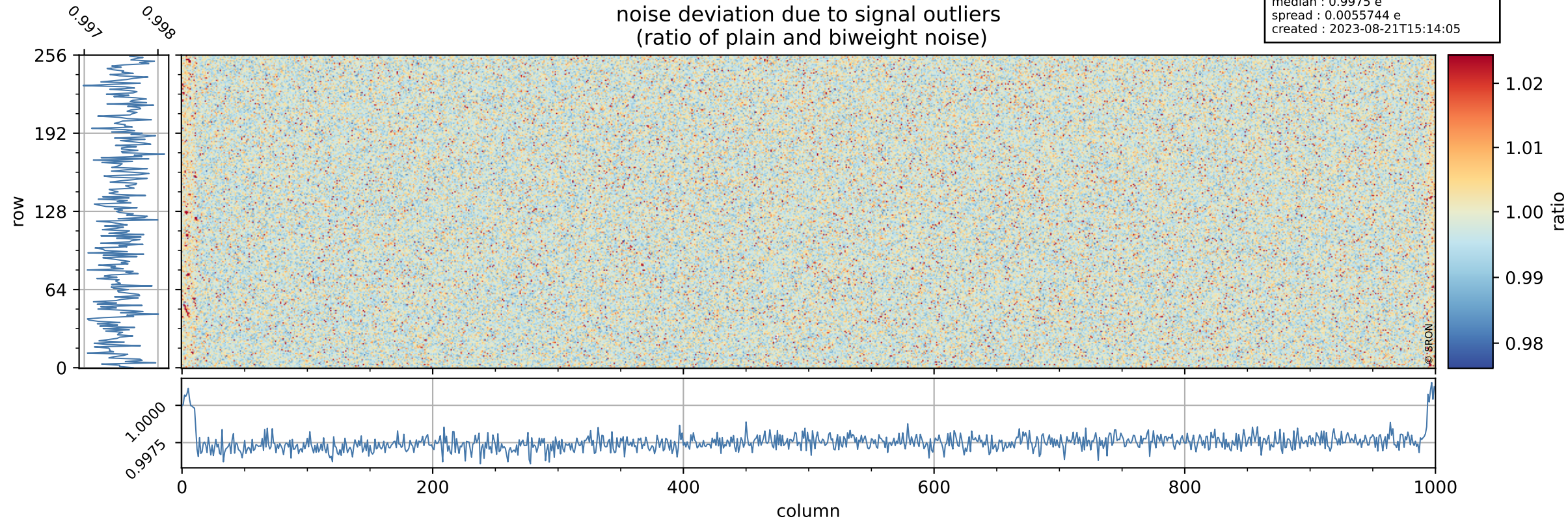
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

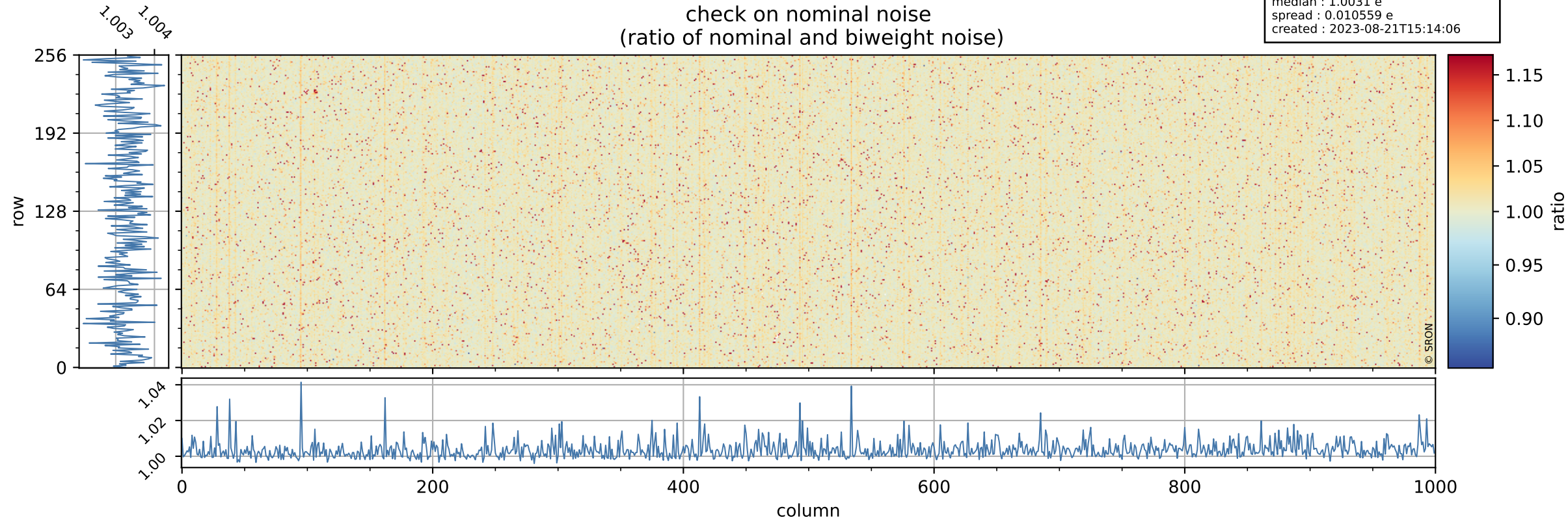
orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
median : 0.9975 e
spread : 0.0055744 e
created : 2023-08-21T15:14:05



Tropomi SWIR background noise (swir)

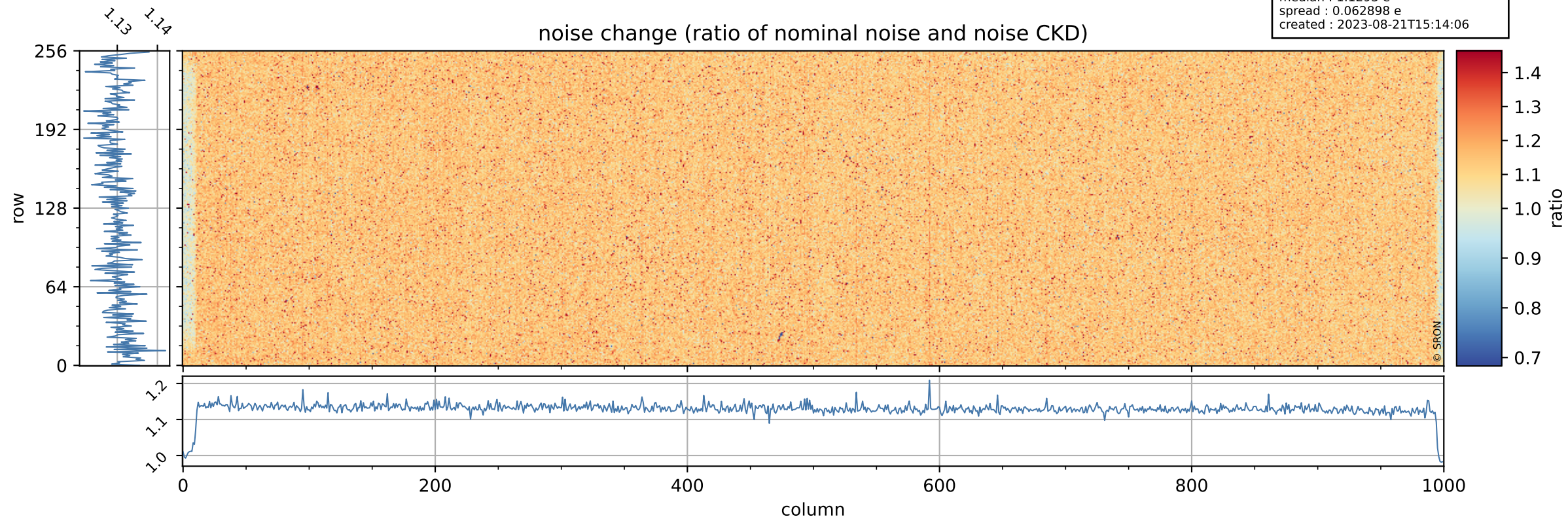
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
median : 1.0031 e
spread : 0.010559 e
created : 2023-08-21T15:14:06



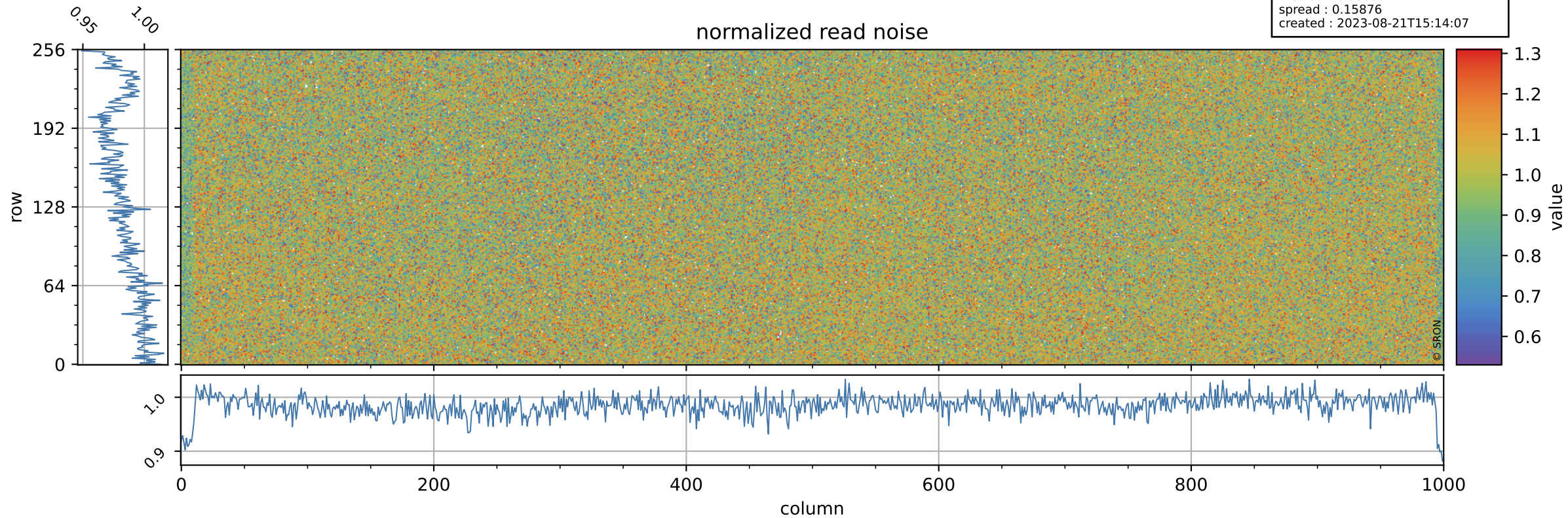
Tropomi SWIR background noise (swir)

orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
median : 1.1293 e
spread : 0.062898 e
created : 2023-08-21T15:14:06



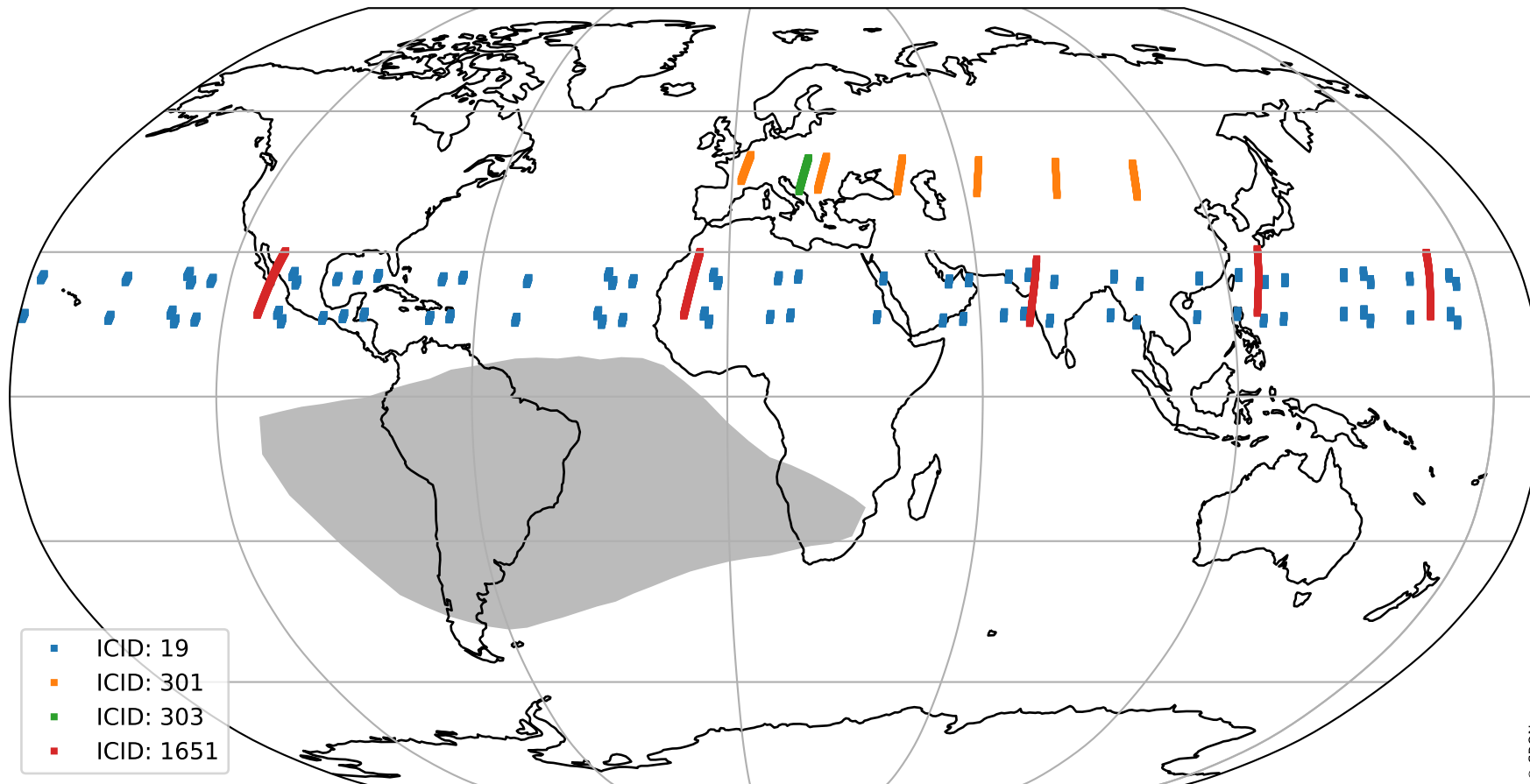
Tropomi SWIR background noise (swir)

orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
median : 0.98359
spread : 0.15876
created : 2023-08-21T15:14:07



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

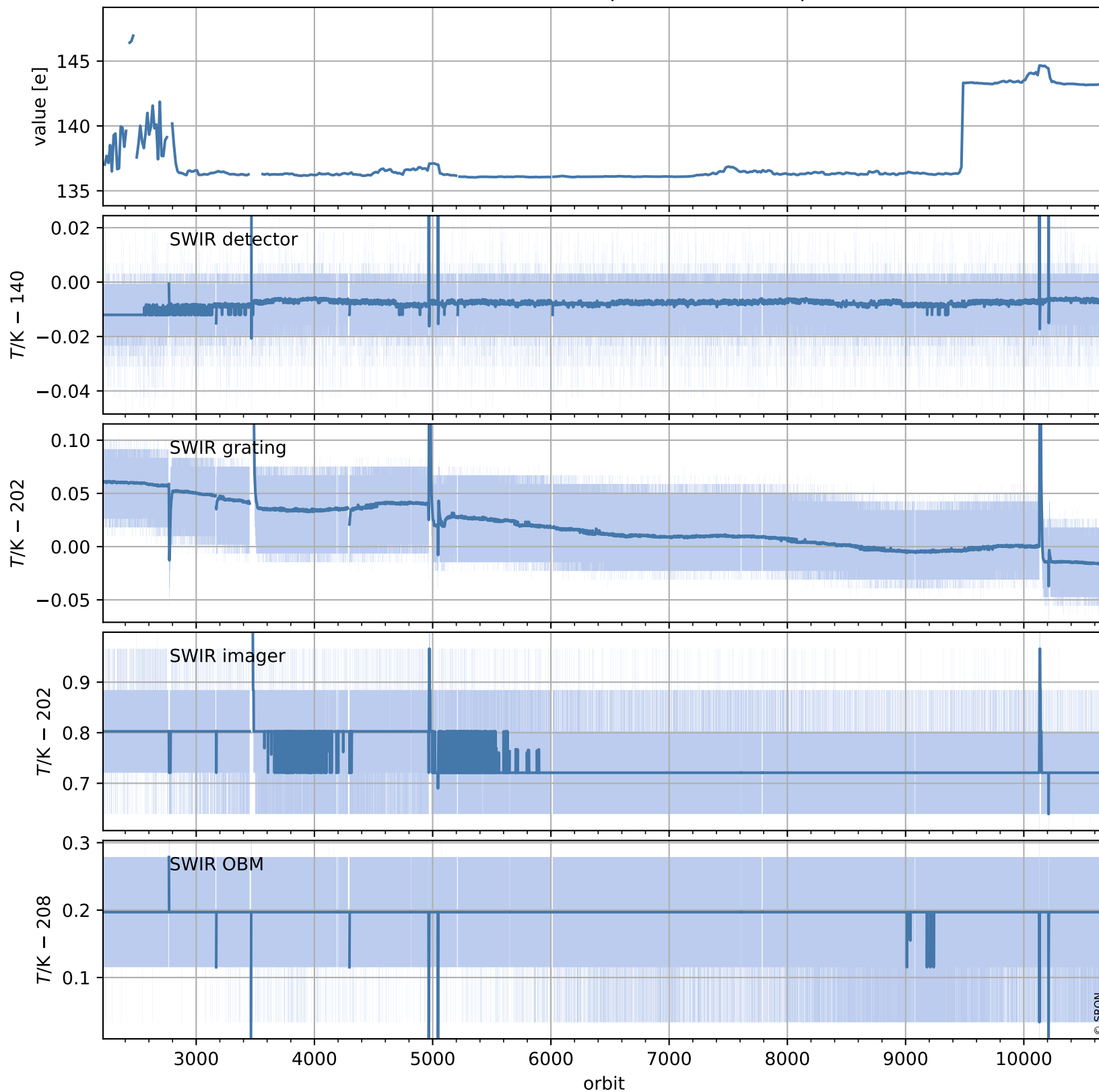
orbits : 12 in [10597, 10687]
coverage : 2019-10-30 / 2019-11-05
created : 2023-08-21T15:14:07



Tropomi SWIR background noise (swir)

orbits : [2212, 10687]
coverage : 2018-03-18 / 2019-11-05
created : 2023-08-21T15:14:07

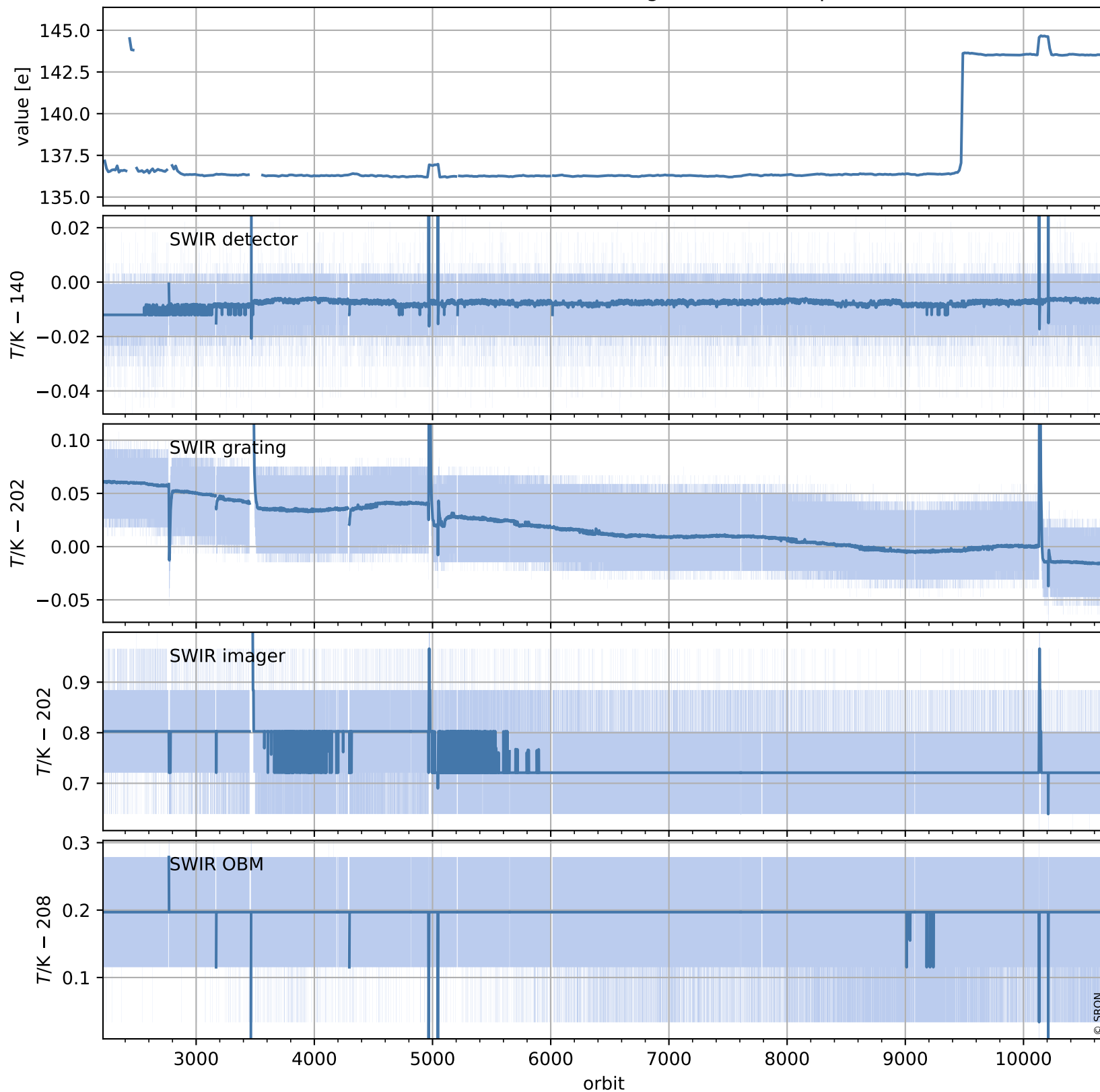
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10687]
coverage : 2018-03-18 / 2019-11-05
created : 2023-08-21T15:14:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10687]
coverage : 2018-03-18 / 2019-11-05
created : 2023-08-21T15:14:09

trend of normalized read-noise & temperatures

