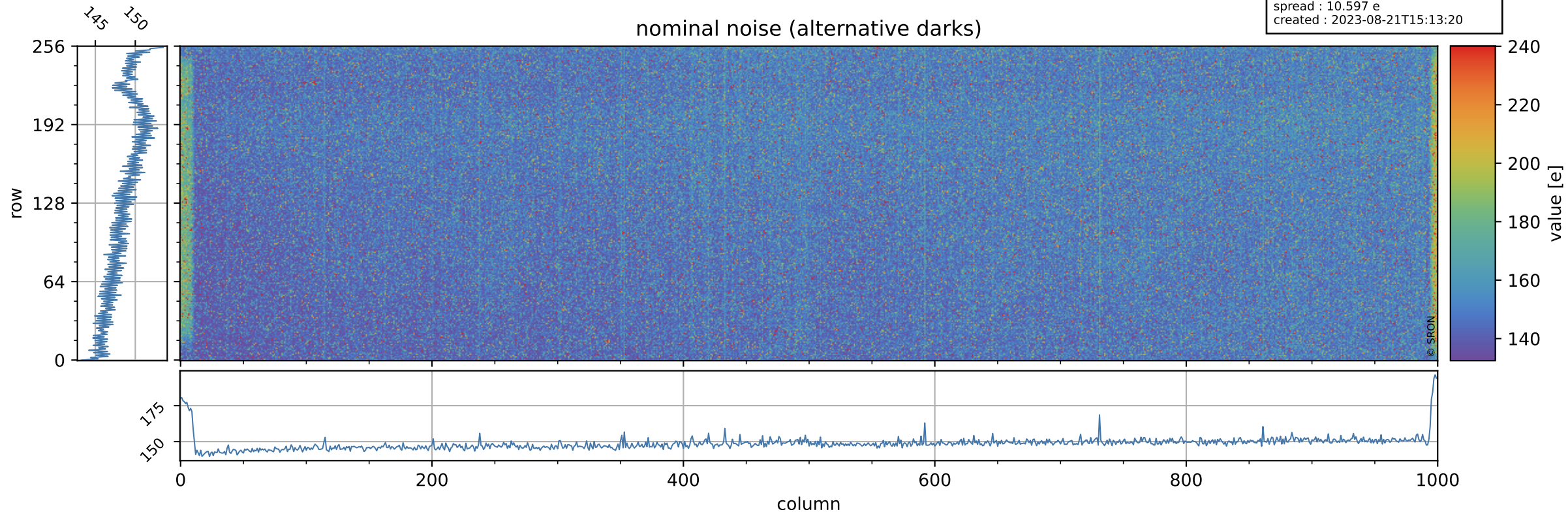


Tropomi SWIR background noise (swir)

orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.597 e
created : 2023-08-21T15:13:20

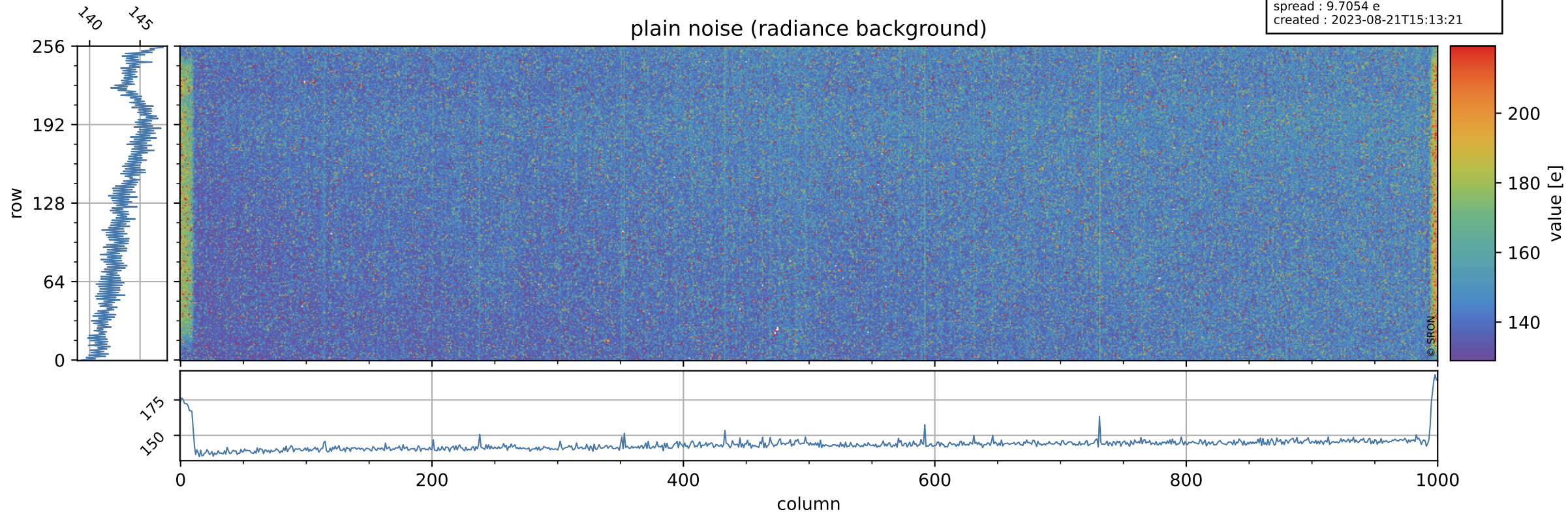
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
n_coad, t_exp : 1, 0.8383
median : 143.32 e
spread : 9.7054 e
created : 2023-08-21T15:13:21

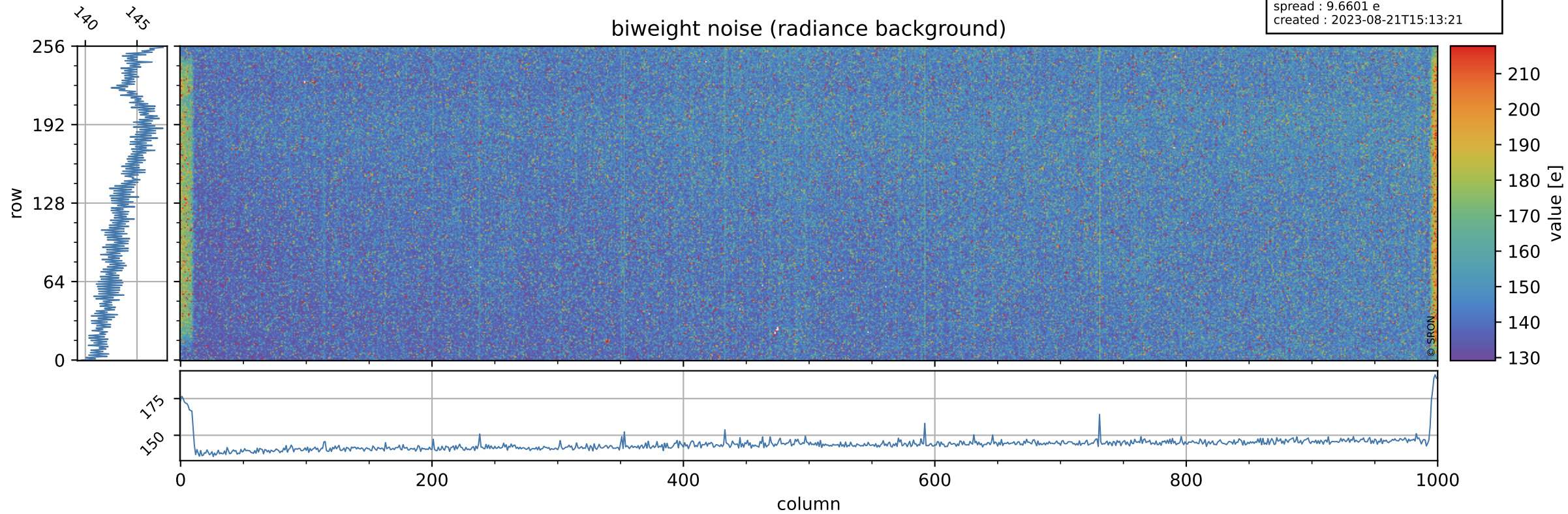
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6601 e
created : 2023-08-21T15:13:21

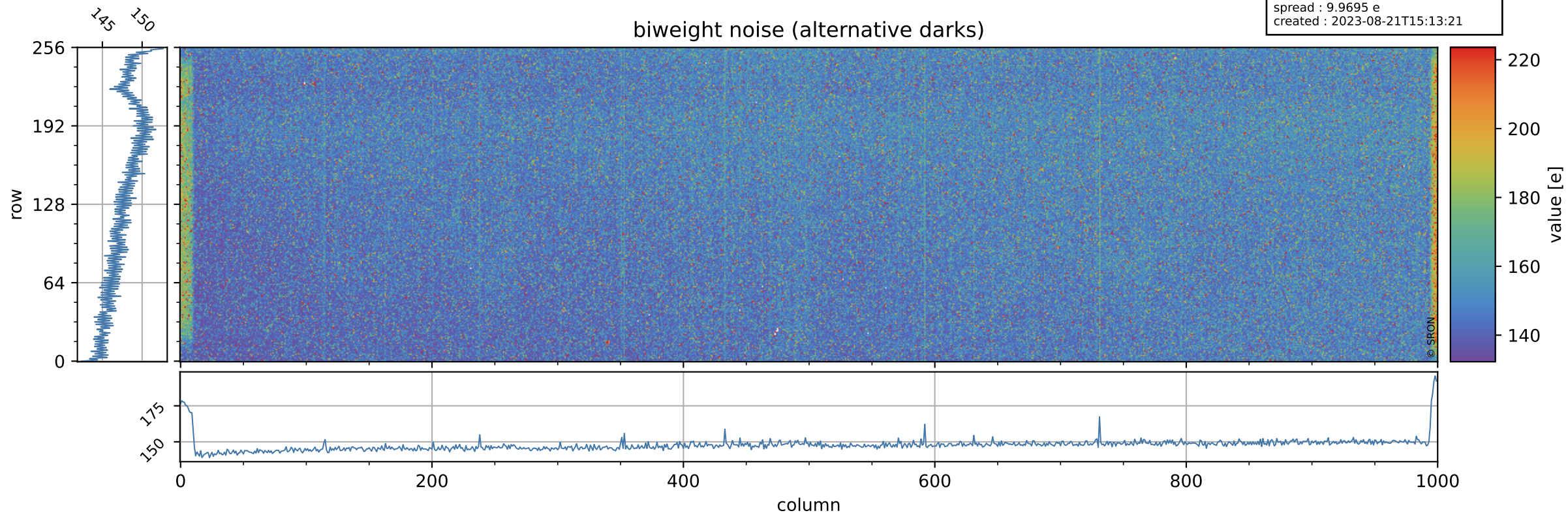
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 9.9695 e
created : 2023-08-21T15:13:21

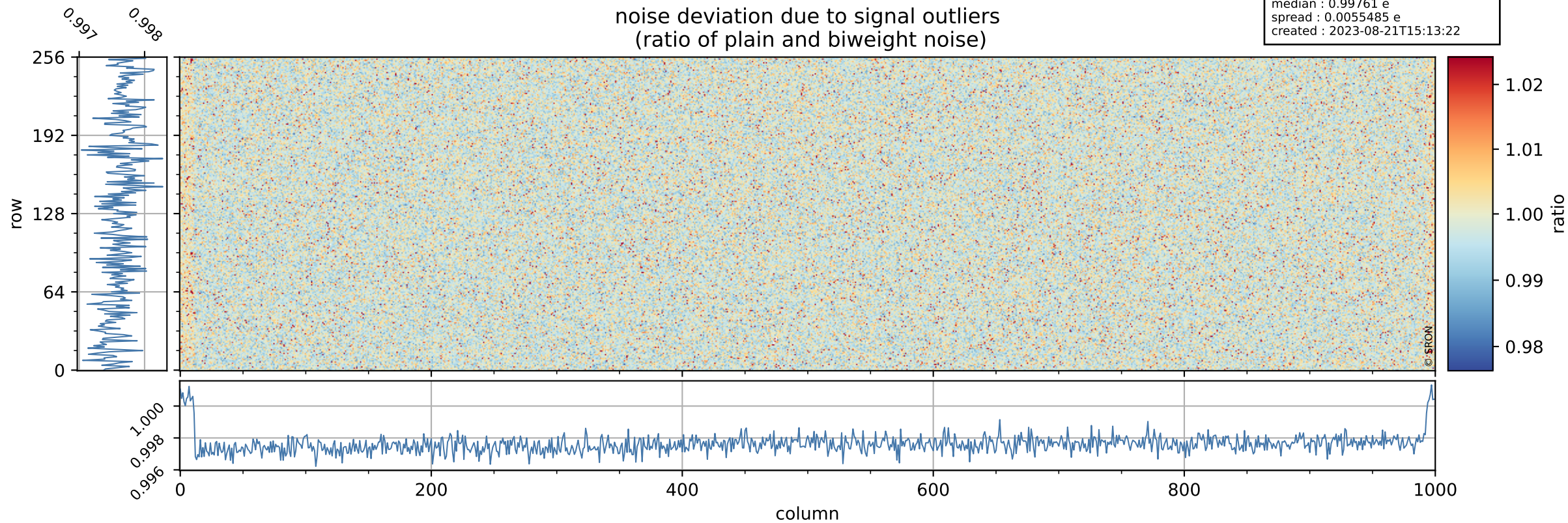
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

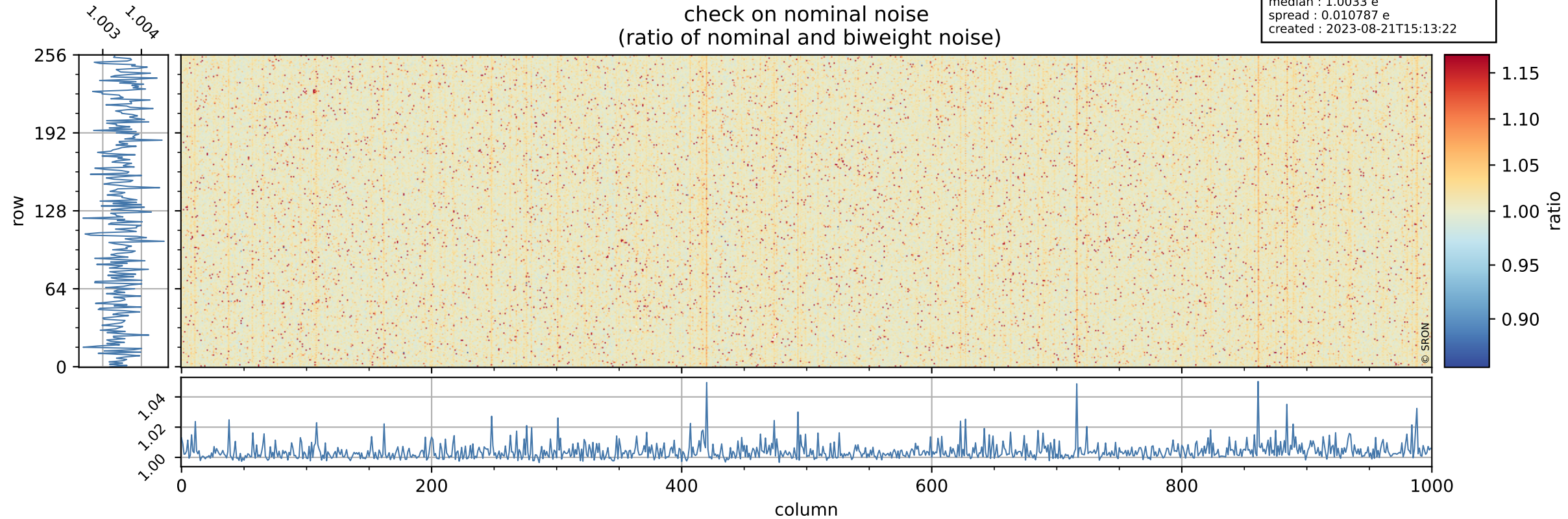
orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
median : 0.99761 e
spread : 0.0055485 e
created : 2023-08-21T15:13:22



Tropomi SWIR background noise (swir)

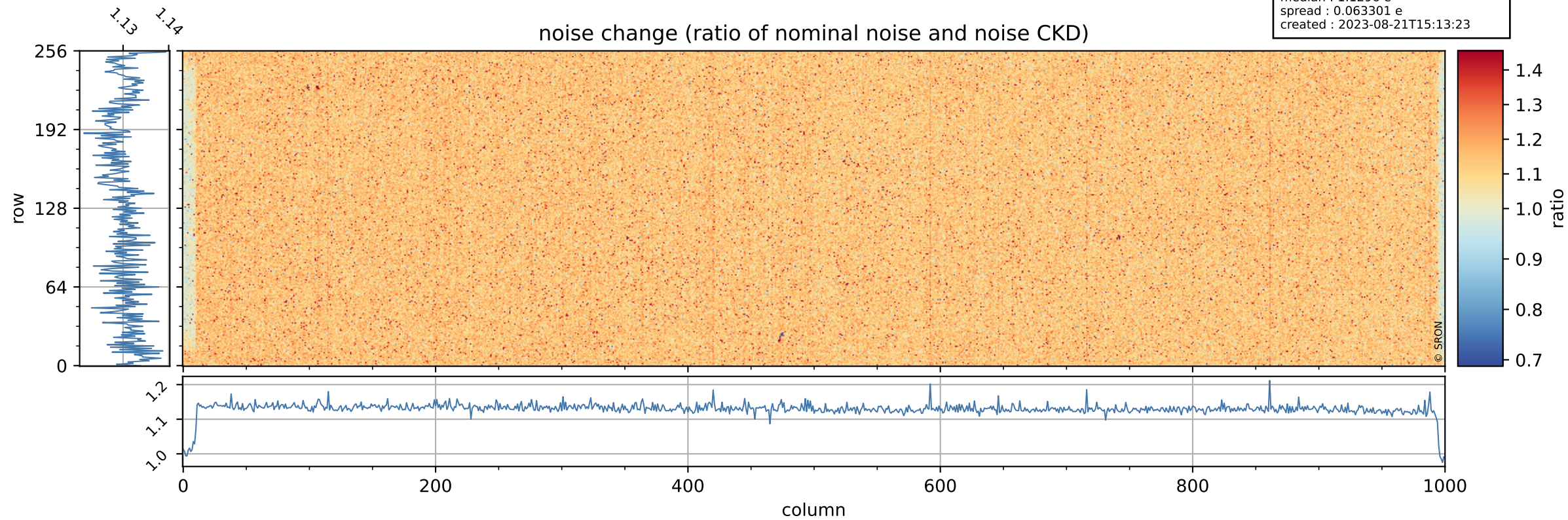
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
median : 1.0033 e
spread : 0.010787 e
created : 2023-08-21T15:13:22



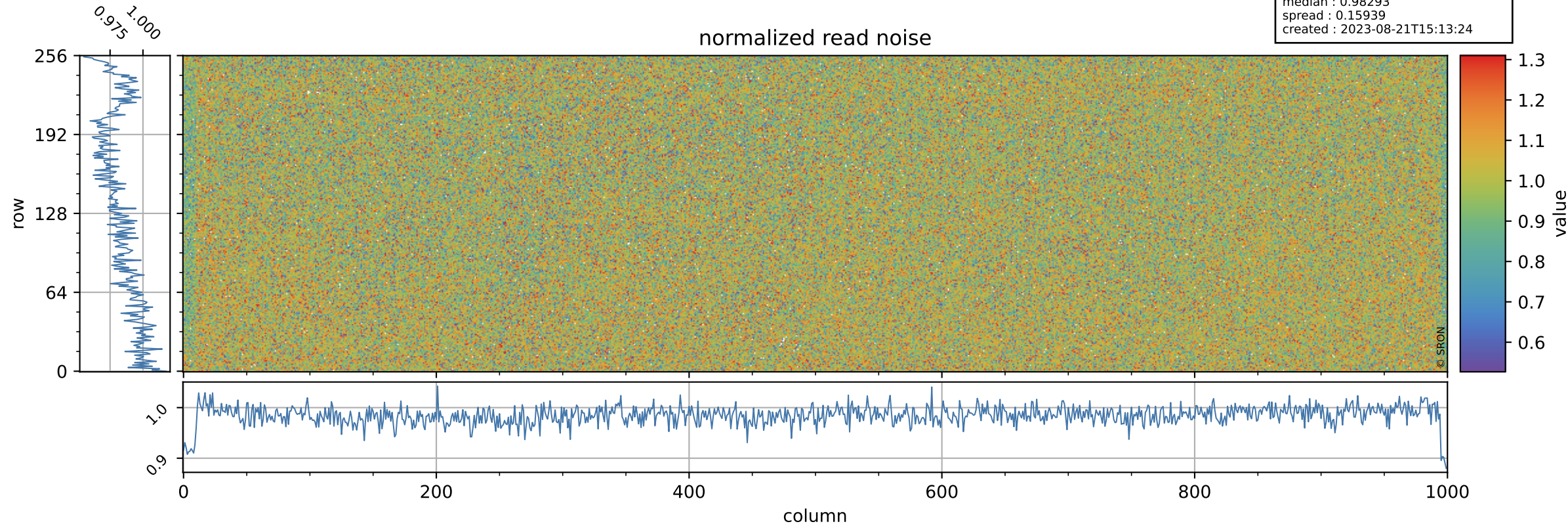
Tropomi SWIR background noise (swir)

orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
median : 1.1296 e
spread : 0.063301 e
created : 2023-08-21T15:13:23



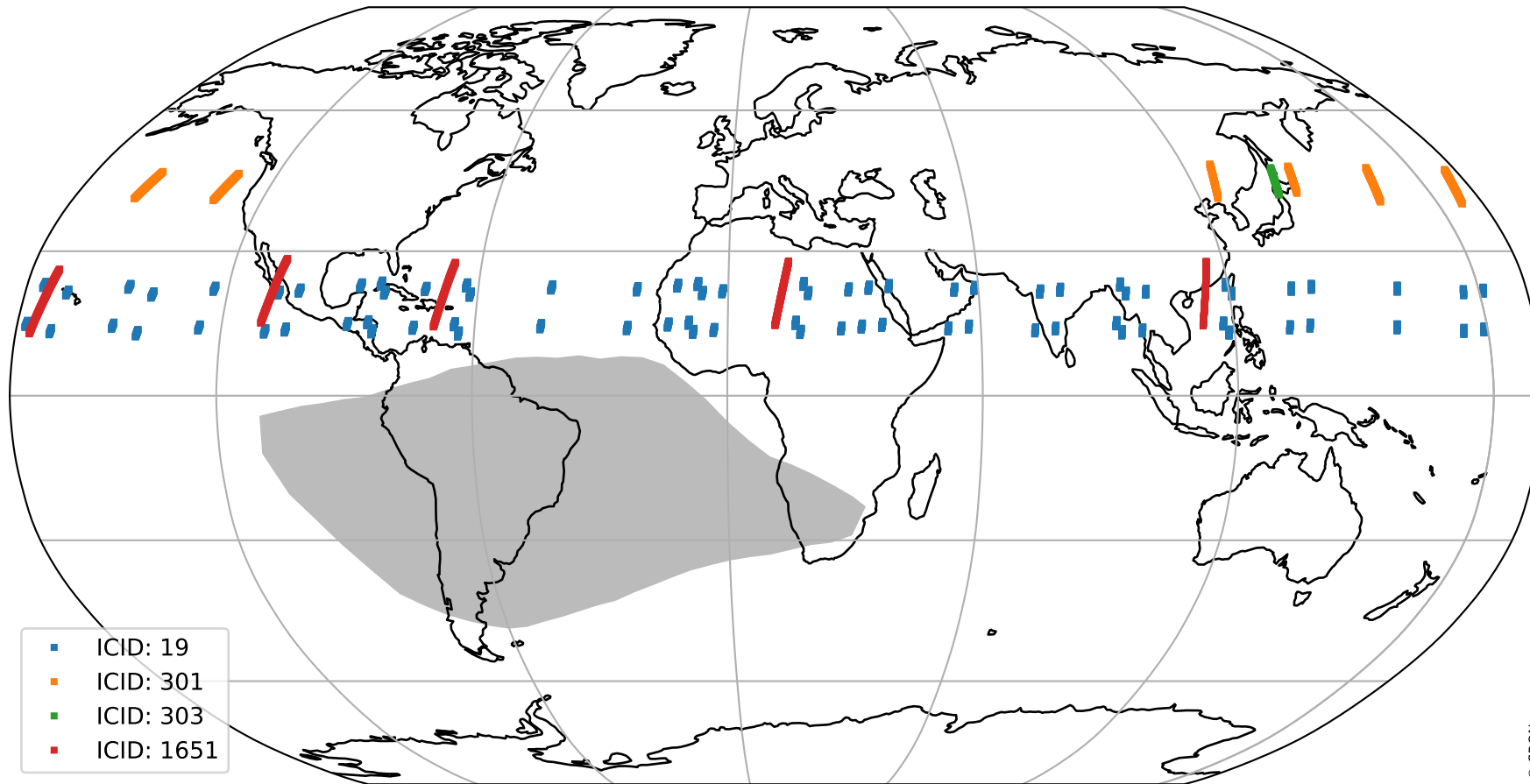
Tropomi SWIR background noise (swir)

orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
median : 0.98293
spread : 0.15939
created : 2023-08-21T15:13:24



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

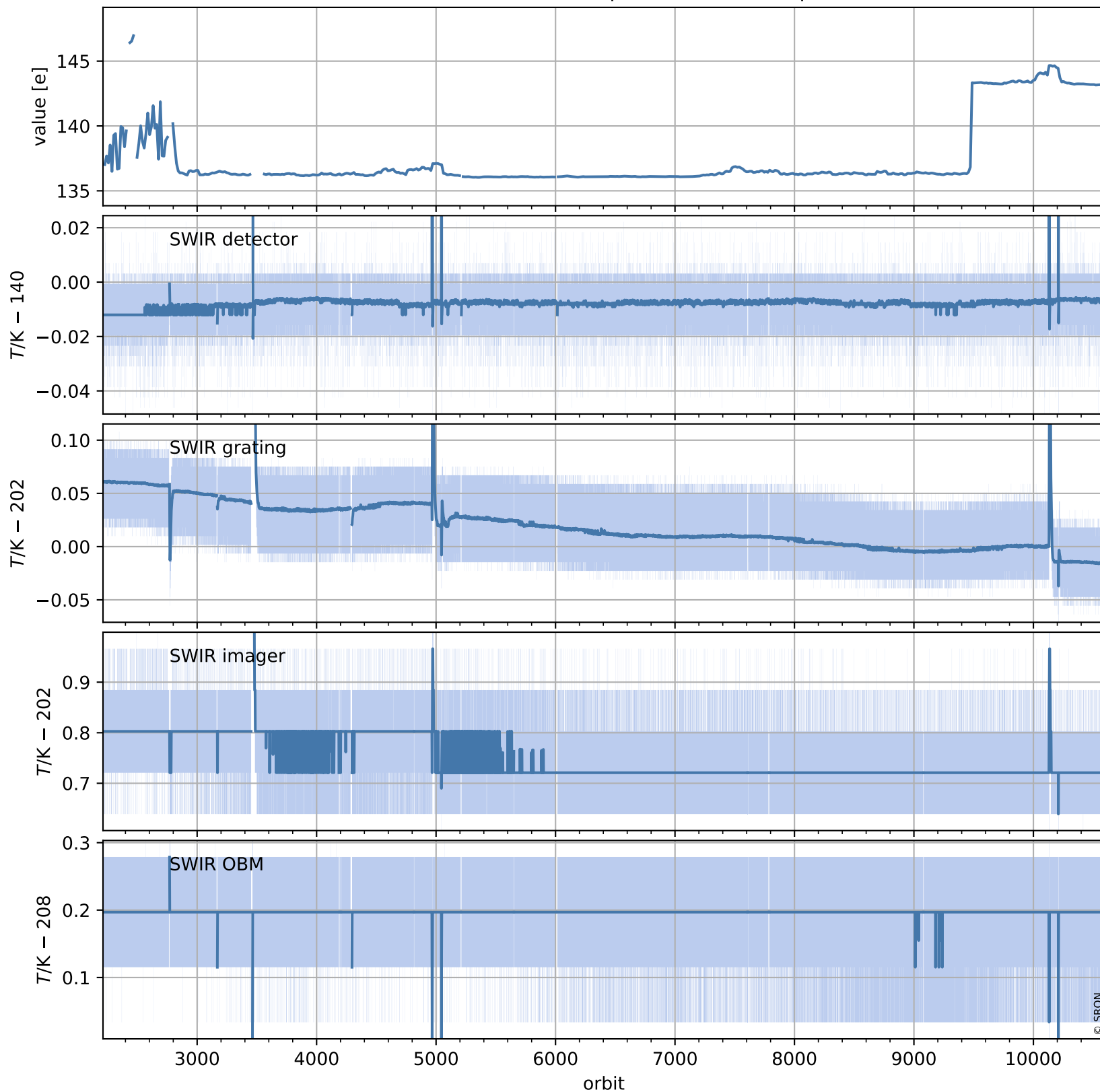
orbits : 12 in [10507, 10597]
coverage : 2019-10-24 / 2019-10-30
created : 2023-08-21T15:13:24



Tropomi SWIR background noise (swir)

orbits : [2212, 10597]
coverage : 2018-03-18 / 2019-10-30
created : 2023-08-21T15:13:24

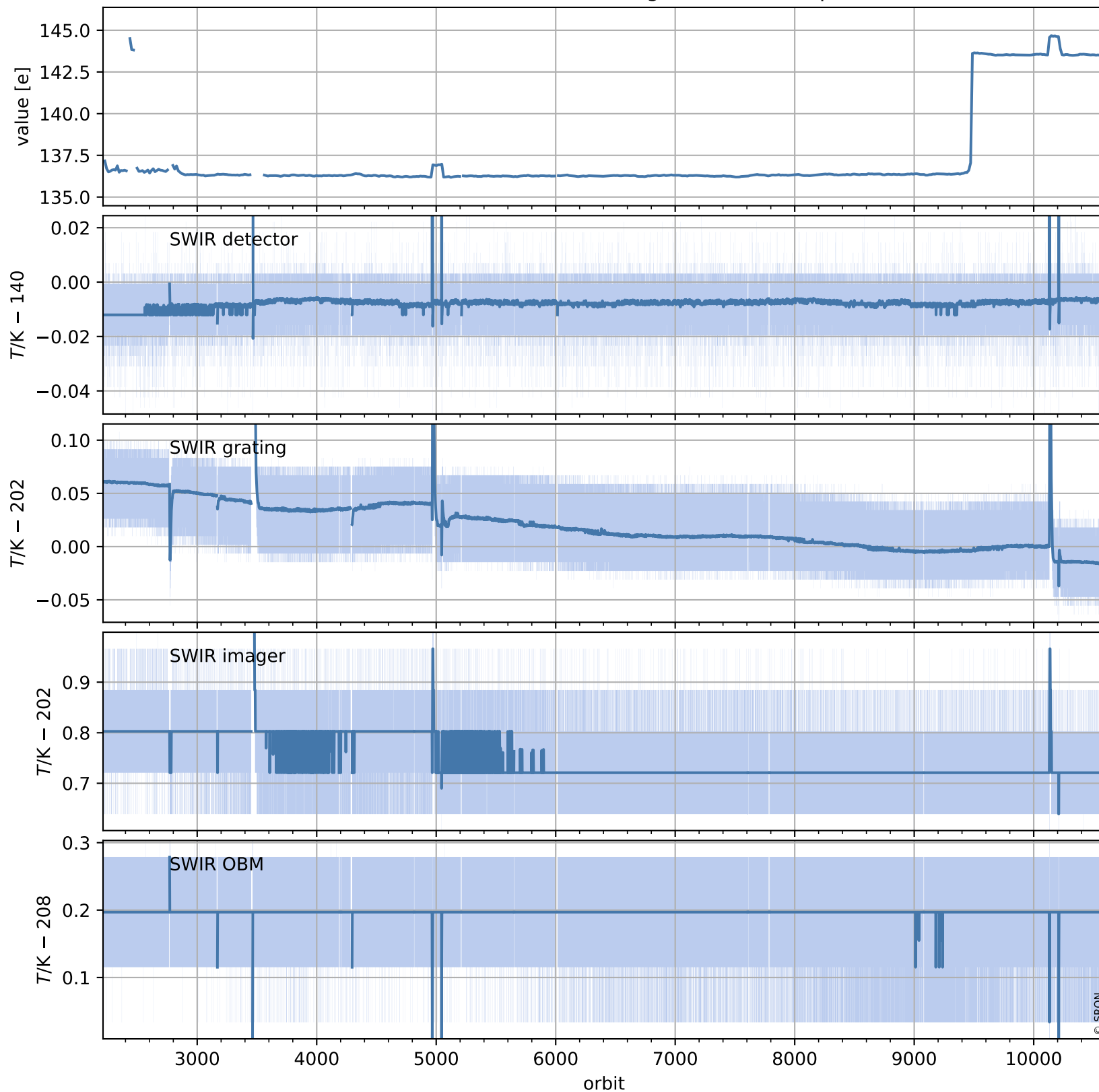
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10597]
coverage : 2018-03-18 / 2019-10-30
created : 2023-08-21T15:13:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10597]
coverage : 2018-03-18 / 2019-10-30
created : 2023-08-21T15:13:26

trend of normalized read-noise & temperatures

