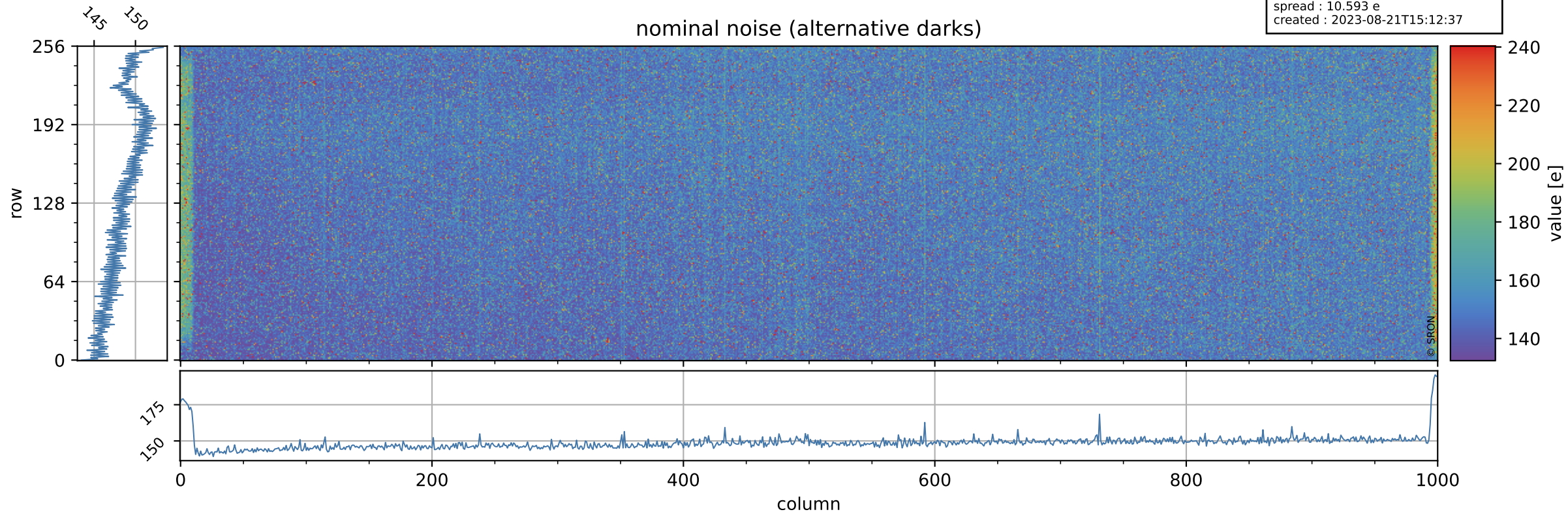


Tropomi SWIR background noise (swir)

orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.593 e
created : 2023-08-21T15:12:37

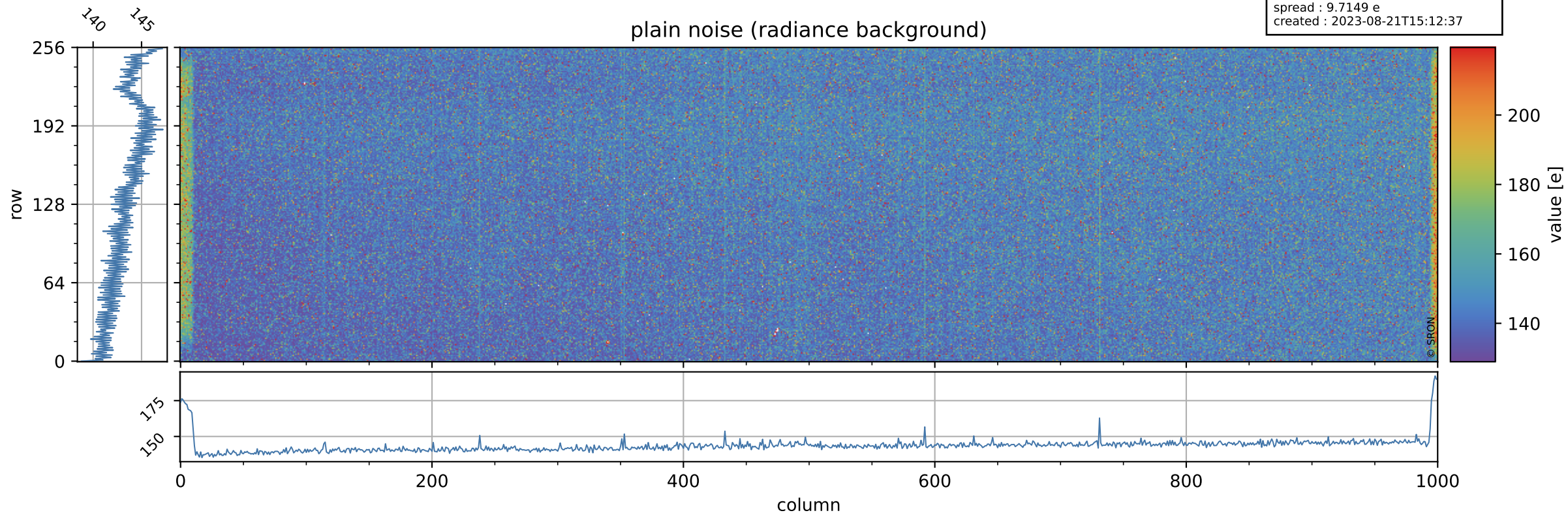
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7149 e
created : 2023-08-21T15:12:37

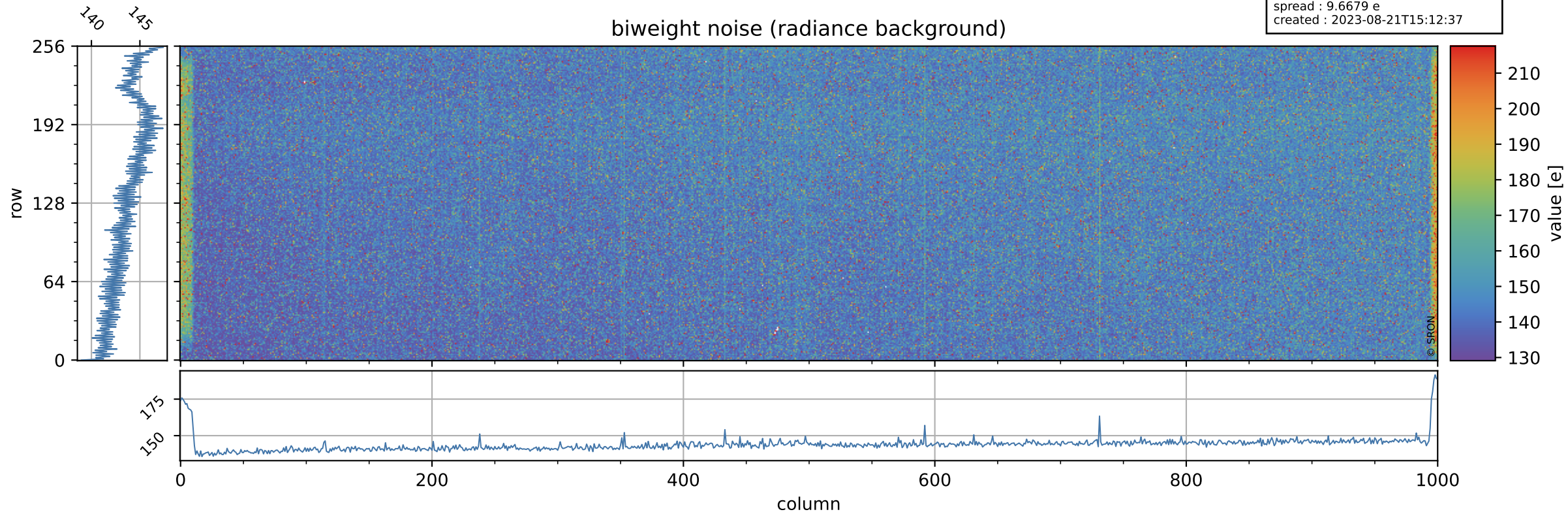
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6679 e
created : 2023-08-21T15:12:37

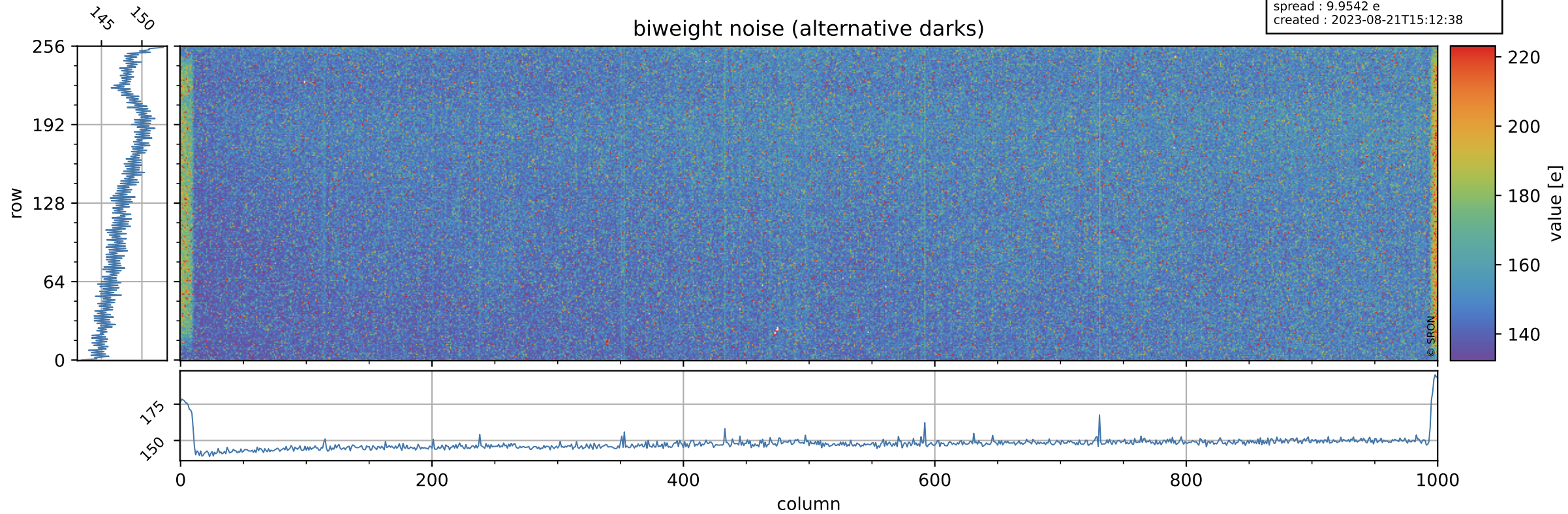
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9542 e
created : 2023-08-21T15:12:38

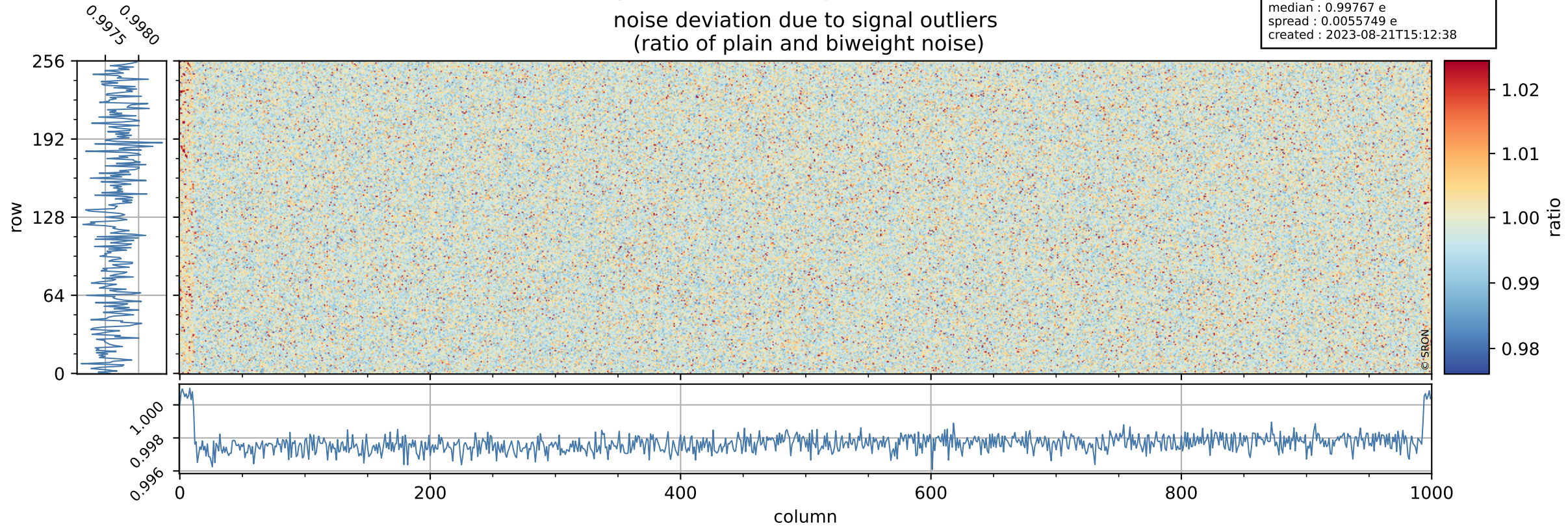
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

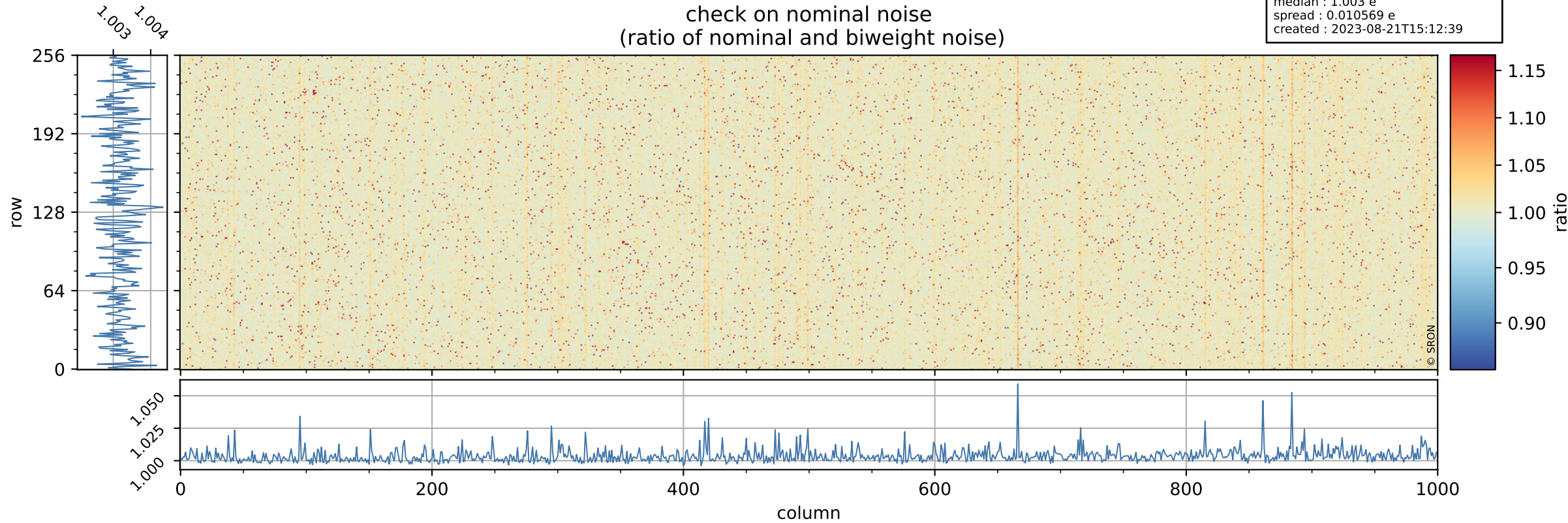
orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
median : 0.99767 e
spread : 0.0055749 e
created : 2023-08-21T15:12:38



Tropomi SWIR background noise (swir)

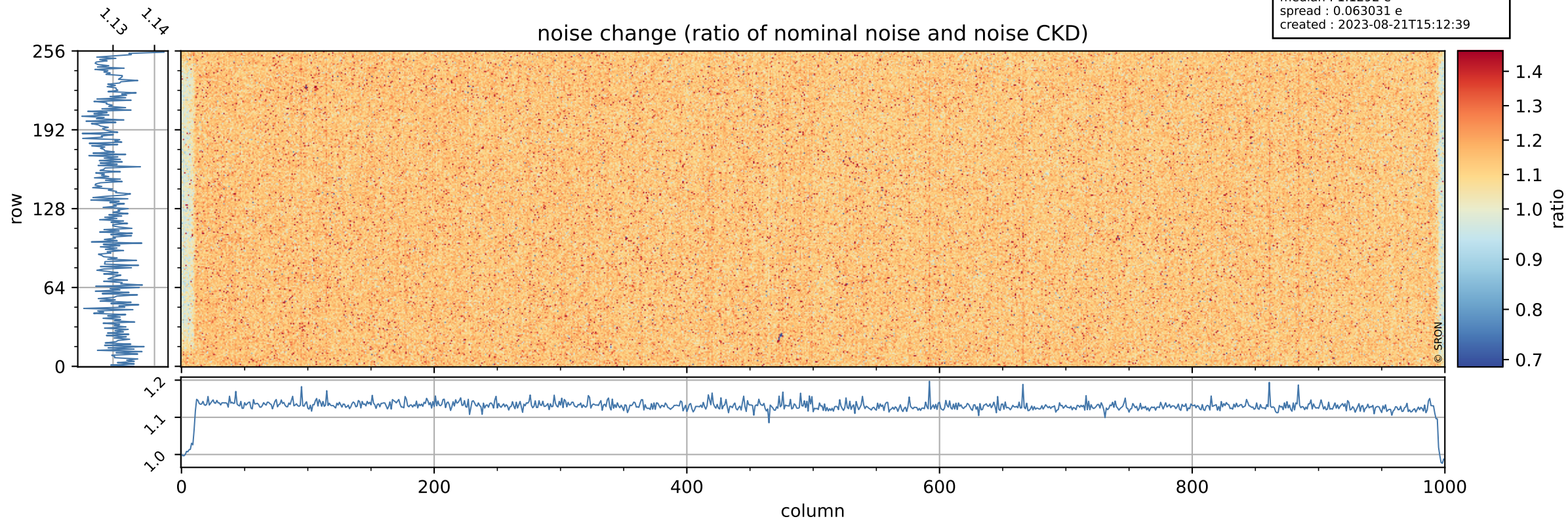
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
median : 1.003 e
spread : 0.010569 e
created : 2023-08-21T15:12:39



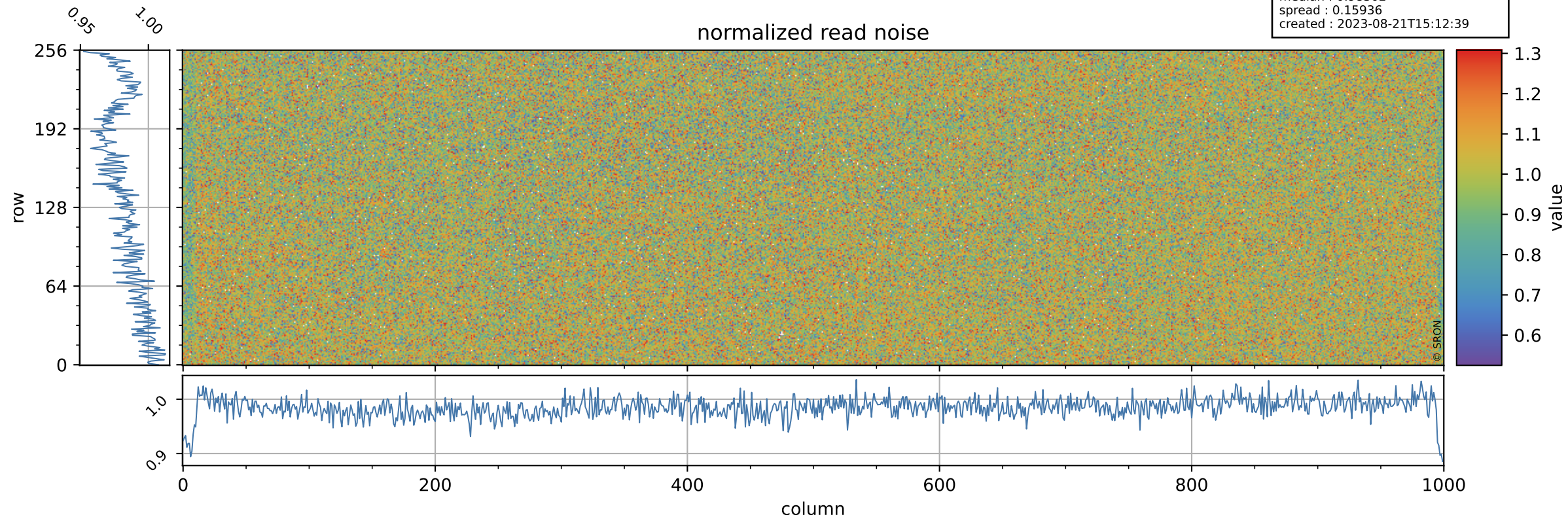
Tropomi SWIR background noise (swir)

orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
median : 1.1292 e
spread : 0.063031 e
created : 2023-08-21T15:12:39



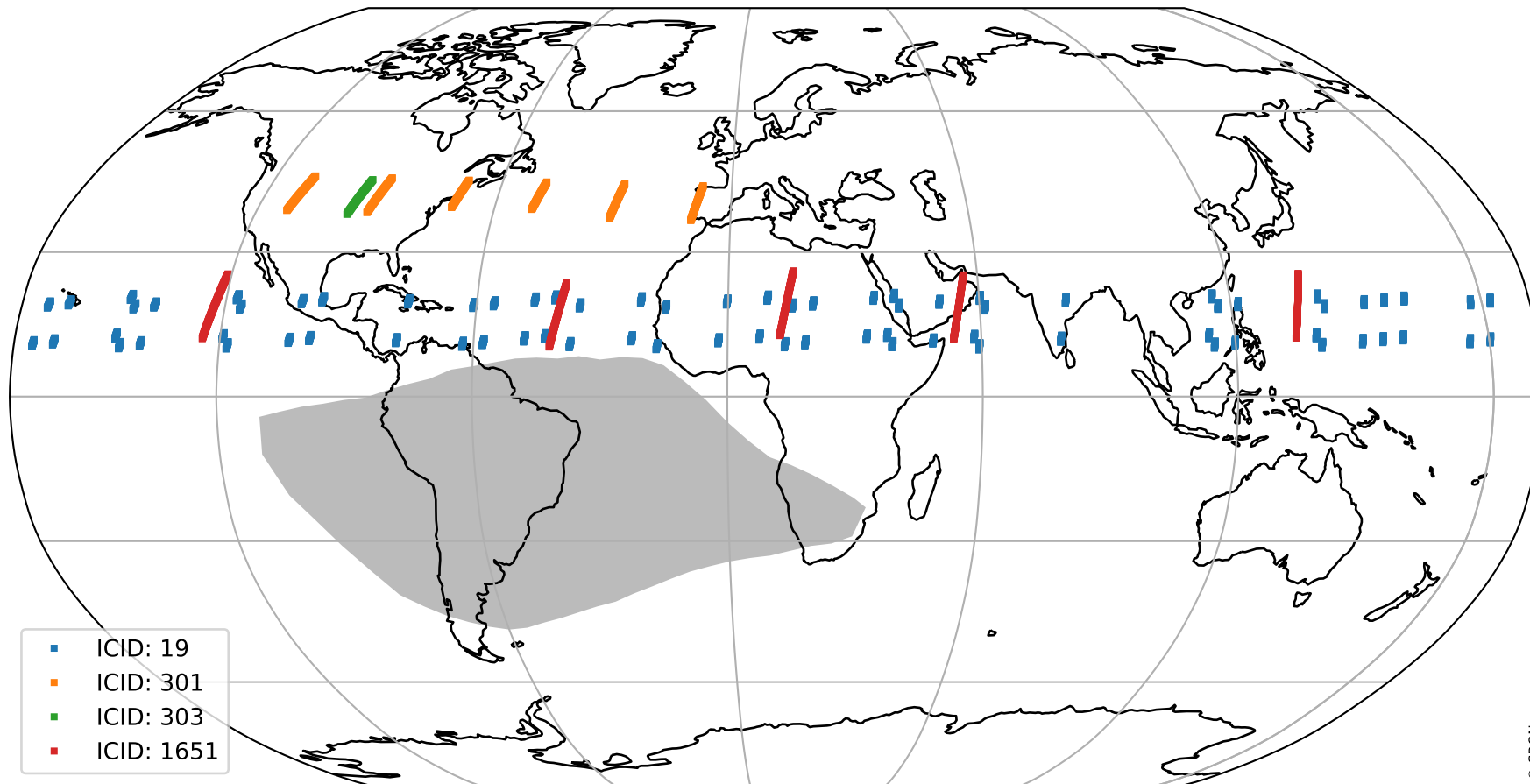
Tropomi SWIR background noise (swir)

orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
median : 0.98302
spread : 0.15936
created : 2023-08-21T15:12:39



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

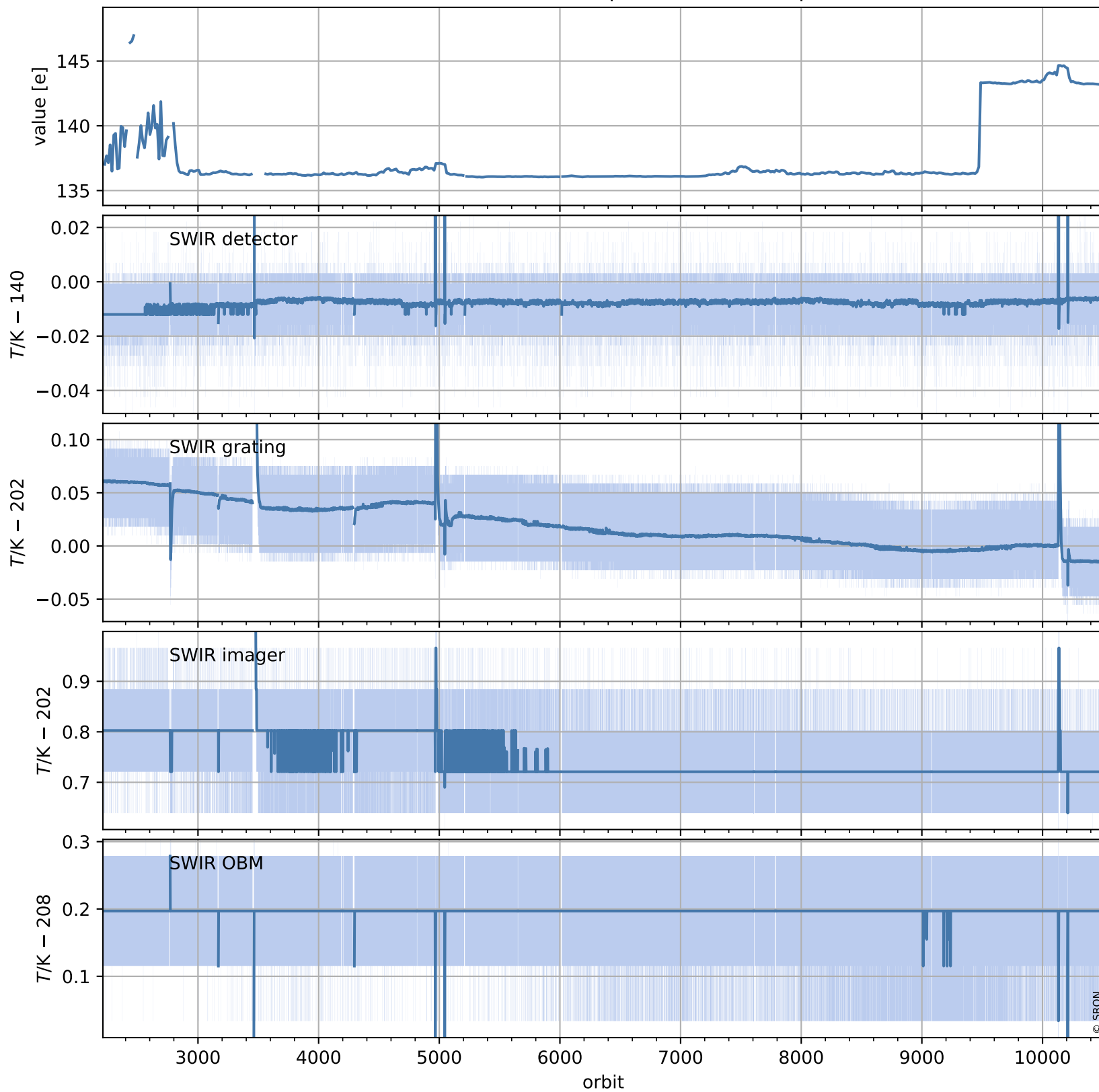
orbits : 12 in [10417, 10507]
coverage : 2019-10-18 / 2019-10-24
created : 2023-08-21T15:12:40



Tropomi SWIR background noise (swir)

orbits : [2212, 10507]
coverage : 2018-03-18 / 2019-10-24
created : 2023-08-21T15:12:40

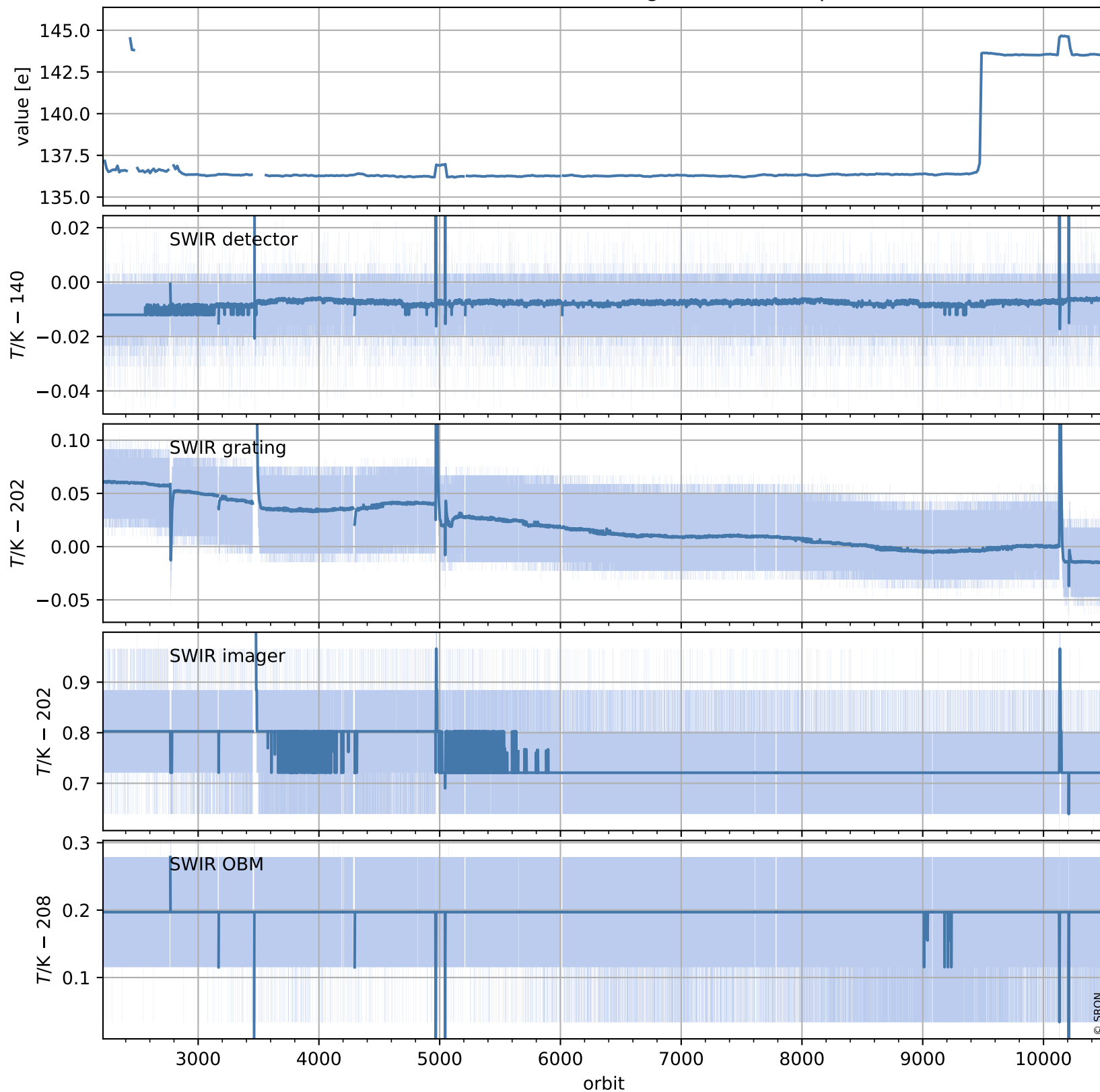
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10507]
coverage : 2018-03-18 / 2019-10-24
created : 2023-08-21T15:12:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10507]
coverage : 2018-03-18 / 2019-10-24
created : 2023-08-21T15:12:42

trend of normalized read-noise & temperatures

