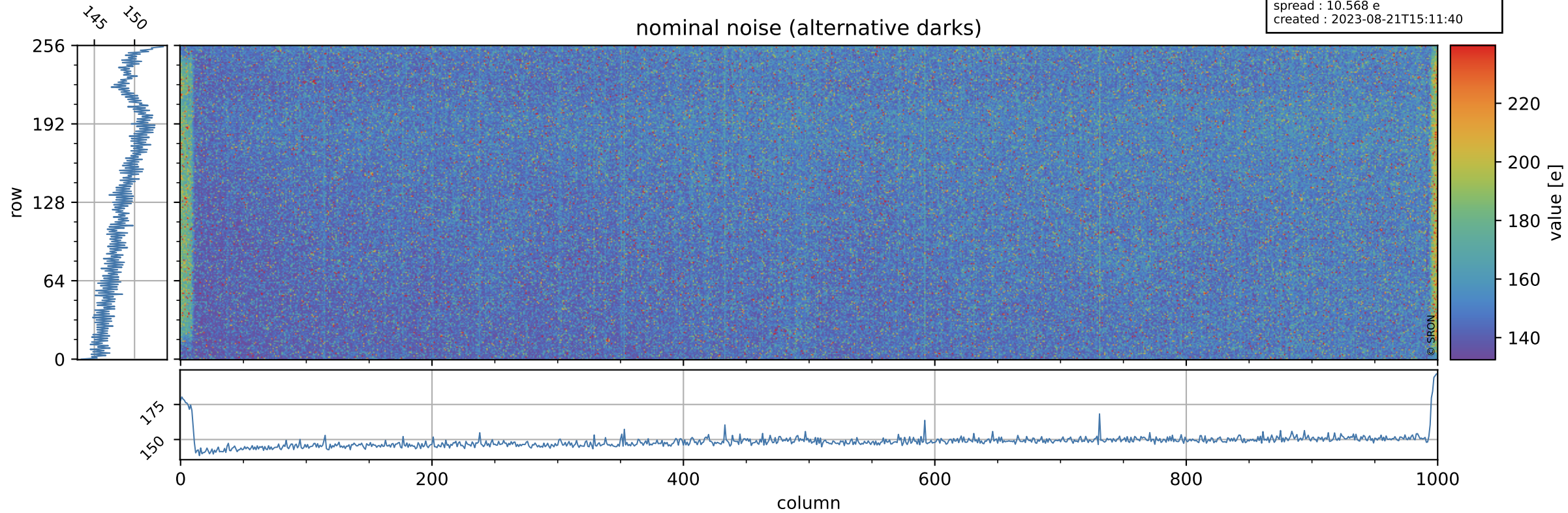


Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.568 e
created : 2023-08-21T15:11:40

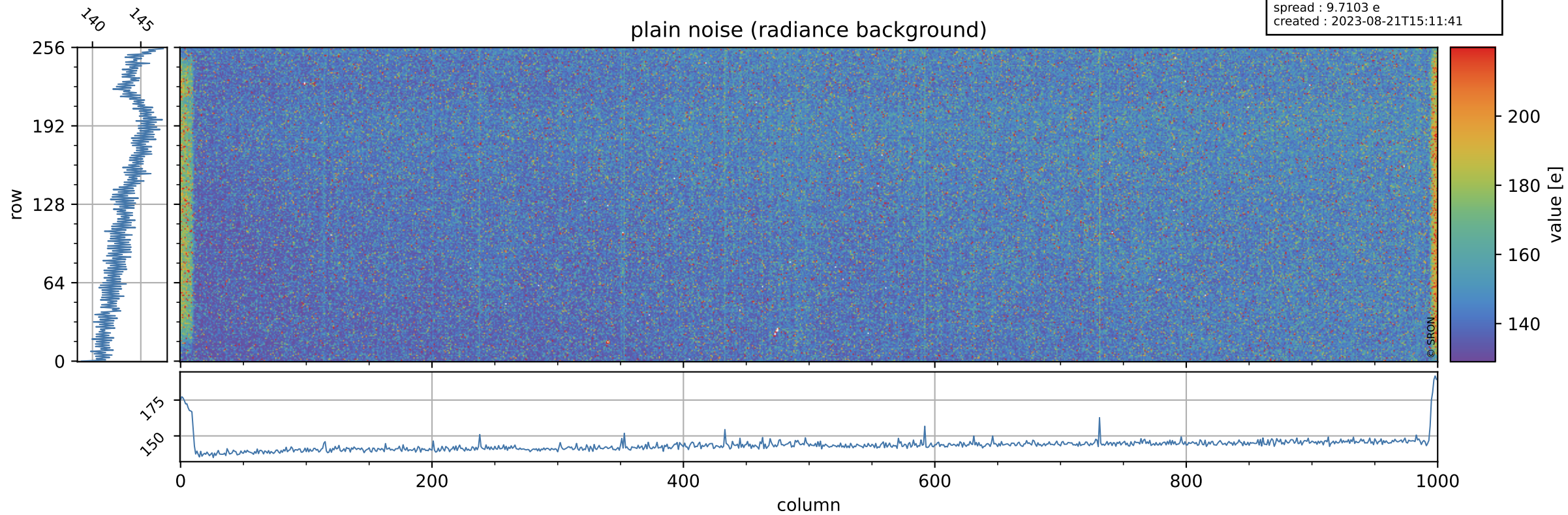
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
n_coad, t_exp : 1, 0.8383
median : 143.38 e
spread : 9.7103 e
created : 2023-08-21T15:11:41

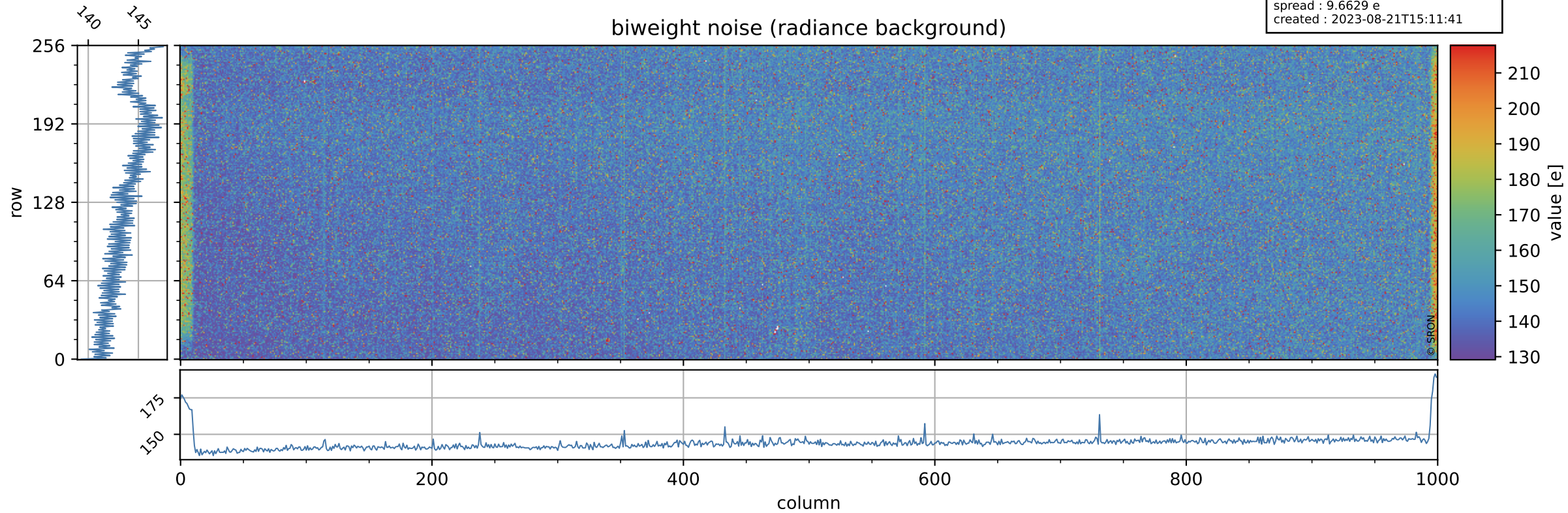
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.6629 e
created : 2023-08-21T15:11:41

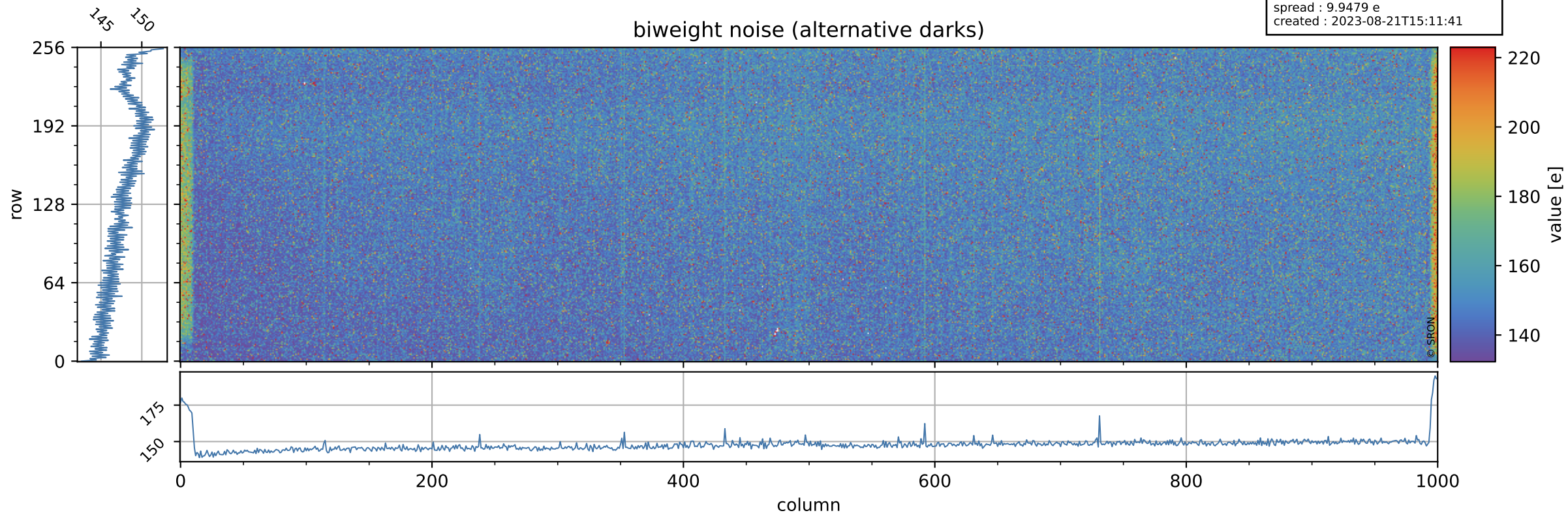
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 9.9479 e
created : 2023-08-21T15:11:41

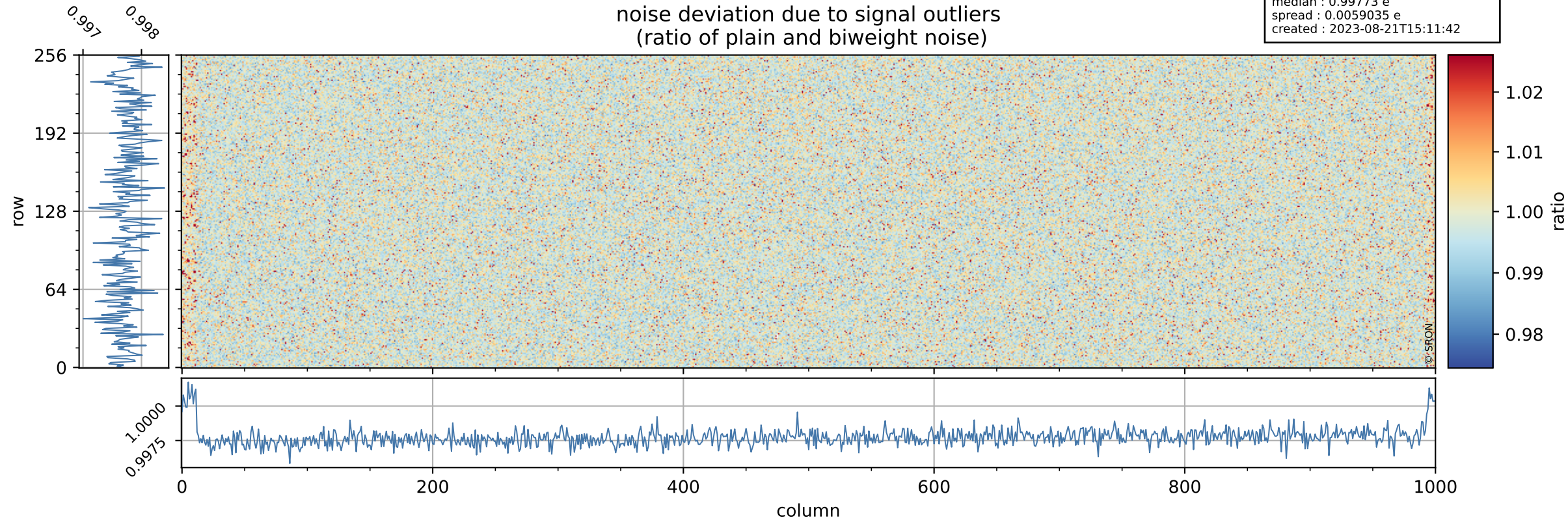
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

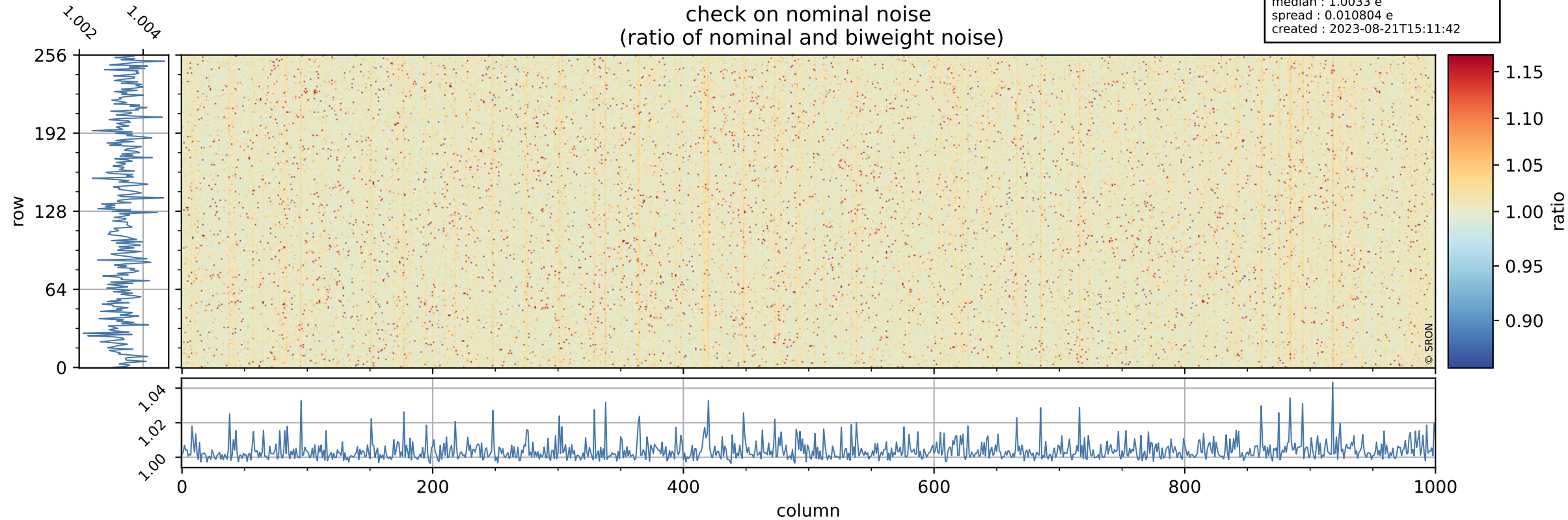
orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
median : 0.99773 e
spread : 0.0059035 e
created : 2023-08-21T15:11:42



Tropomi SWIR background noise (swir)

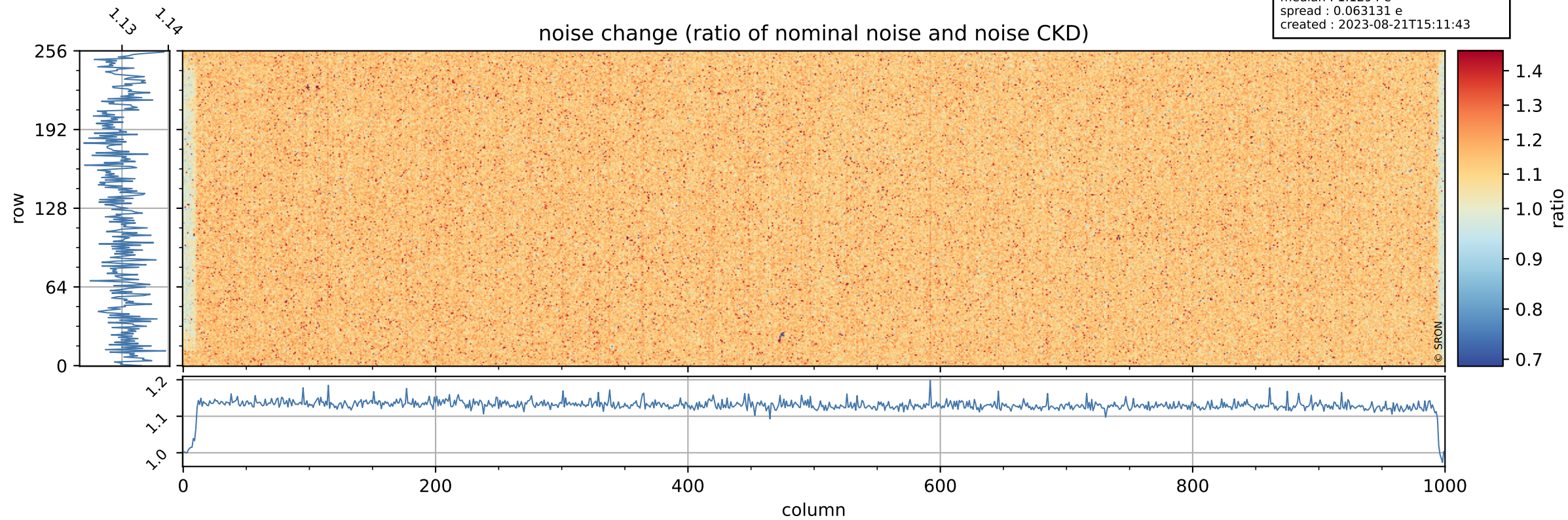
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
median : 1.0033 e
spread : 0.010804 e
created : 2023-08-21T15:11:42



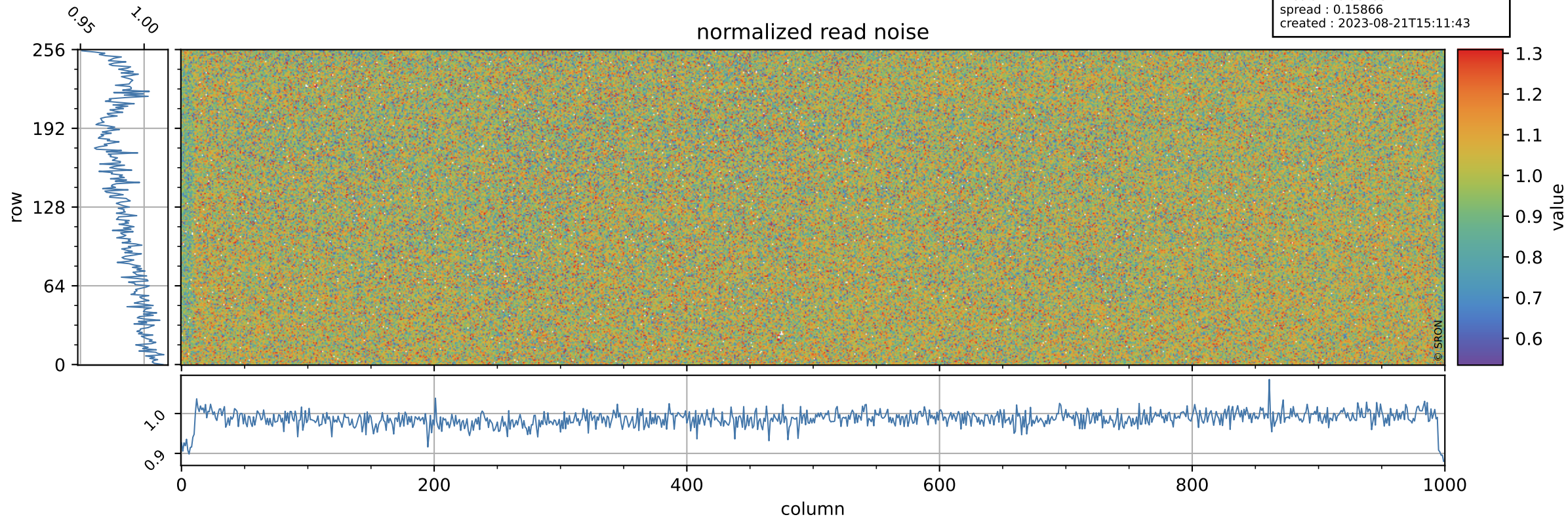
Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
median : 1.1294 e
spread : 0.063131 e
created : 2023-08-21T15:11:43



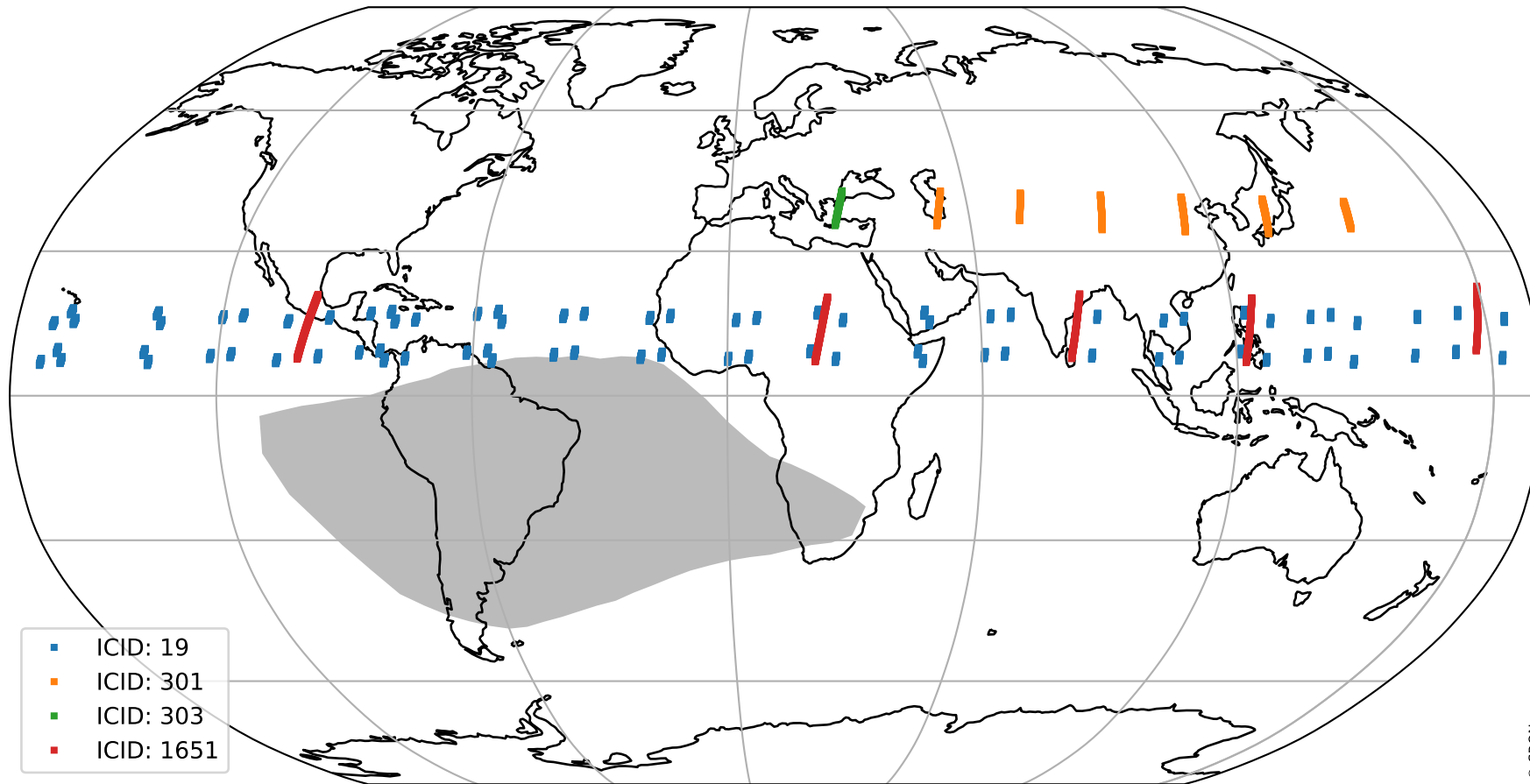
Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
median : 0.98493
spread : 0.15866
created : 2023-08-21T15:11:43



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

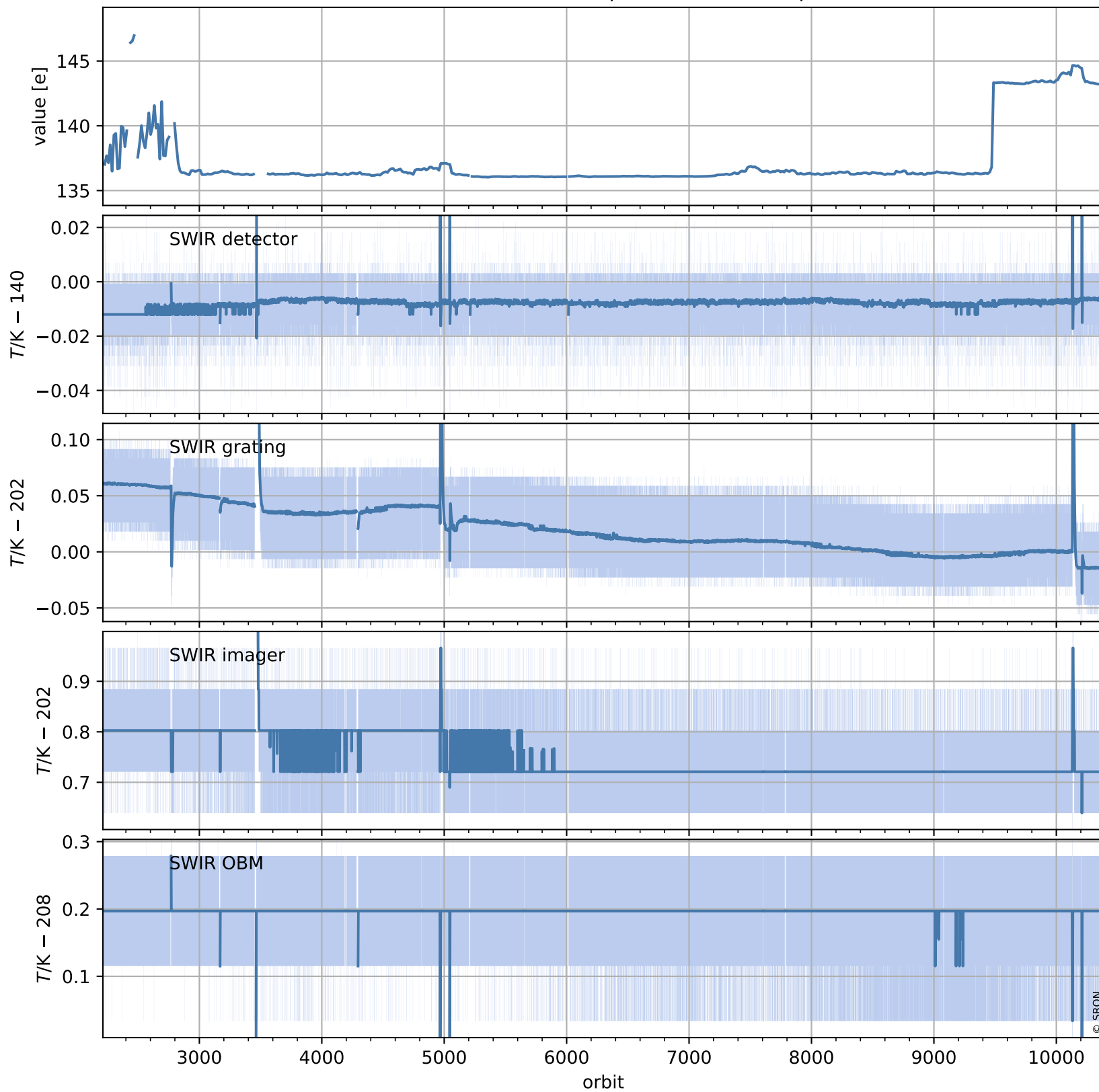
orbits : 12 in [10297, 10387]
coverage : 2019-10-09 / 2019-10-15
created : 2023-08-21T15:11:44



Tropomi SWIR background noise (swir)

orbits : [2212, 10387]
coverage : 2018-03-18 / 2019-10-15
created : 2023-08-21T15:11:44

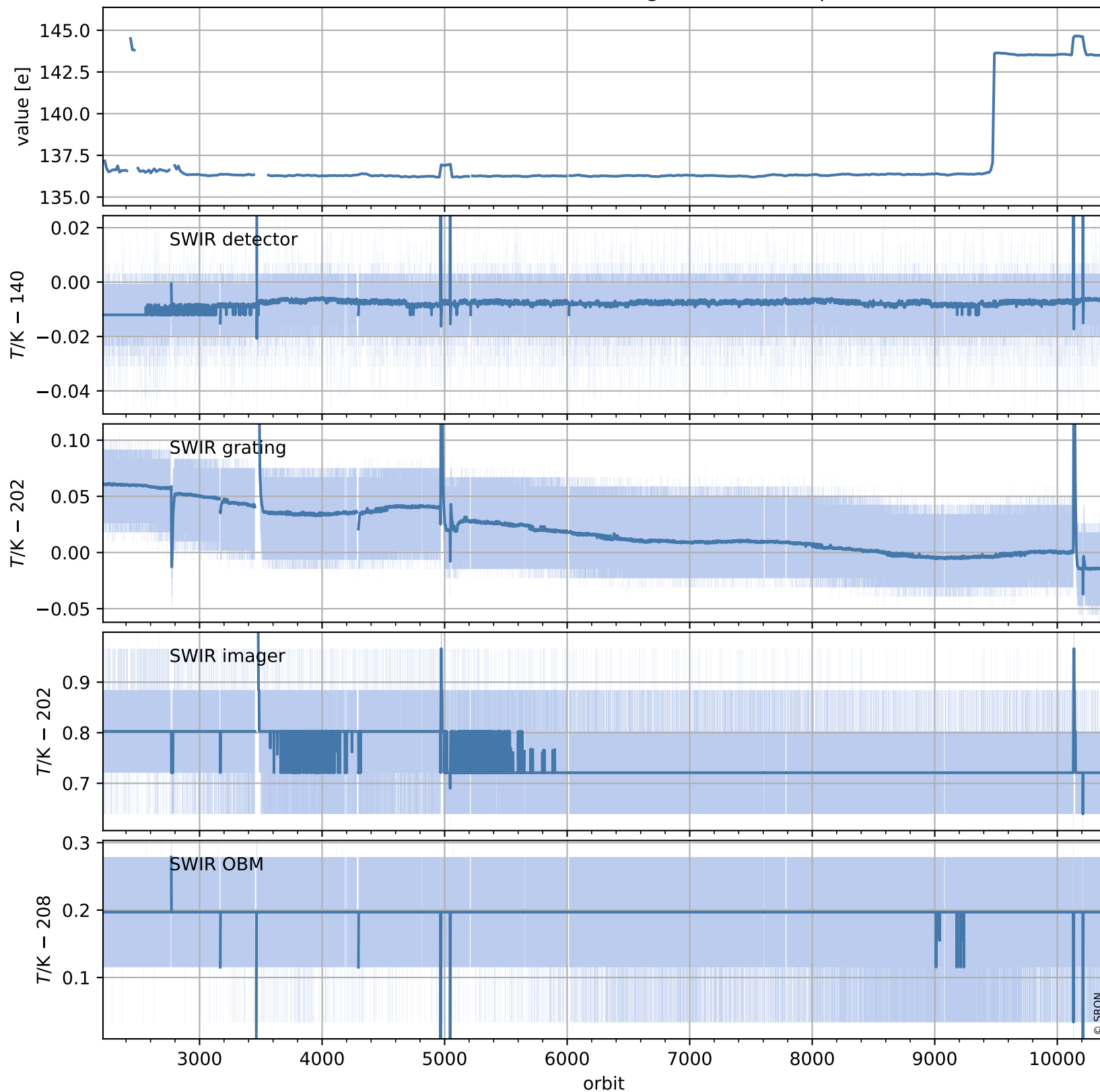
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10387]
coverage : 2018-03-18 / 2019-10-15
created : 2023-08-21T15:11:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10387]
coverage : 2018-03-18 / 2019-10-15
created : 2023-08-21T15:11:46

trend of normalized read-noise & temperatures

