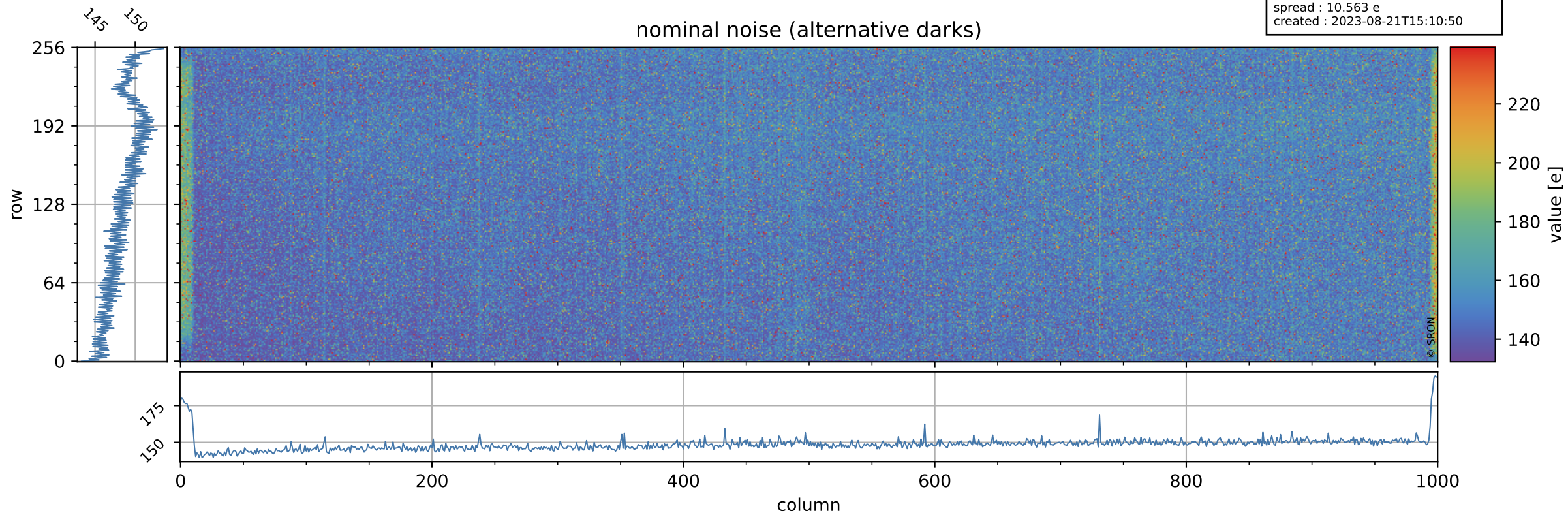


Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.563 e
created : 2023-08-21T15:10:50

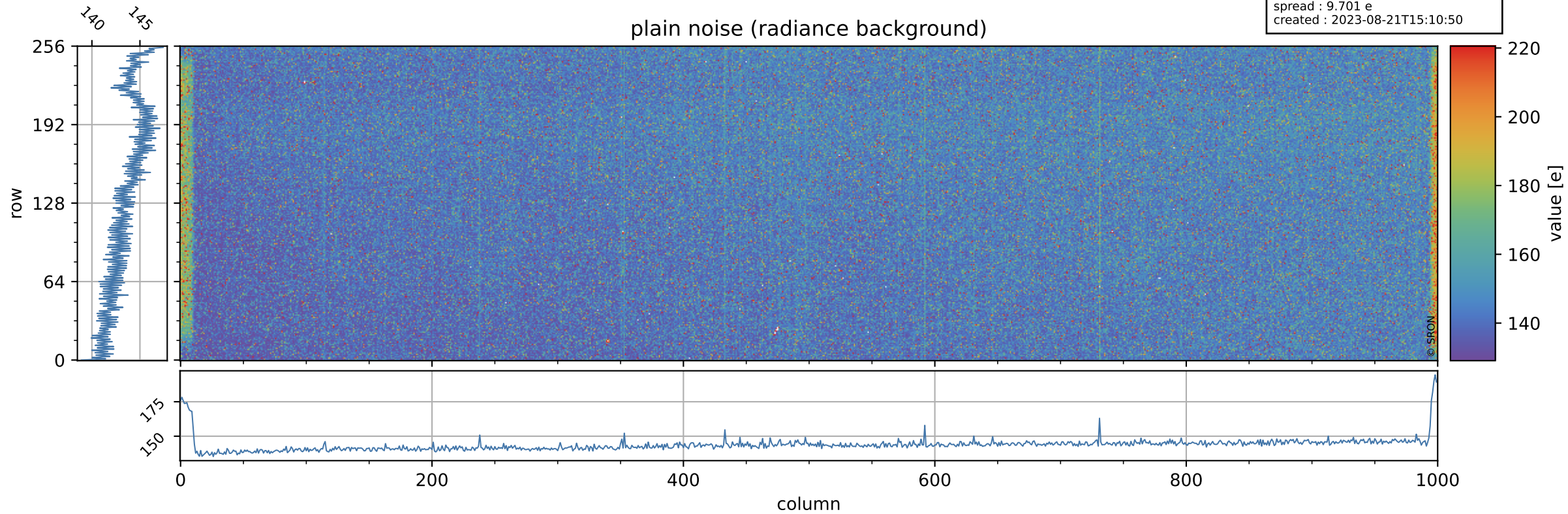
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.701 e
created : 2023-08-21T15:10:50

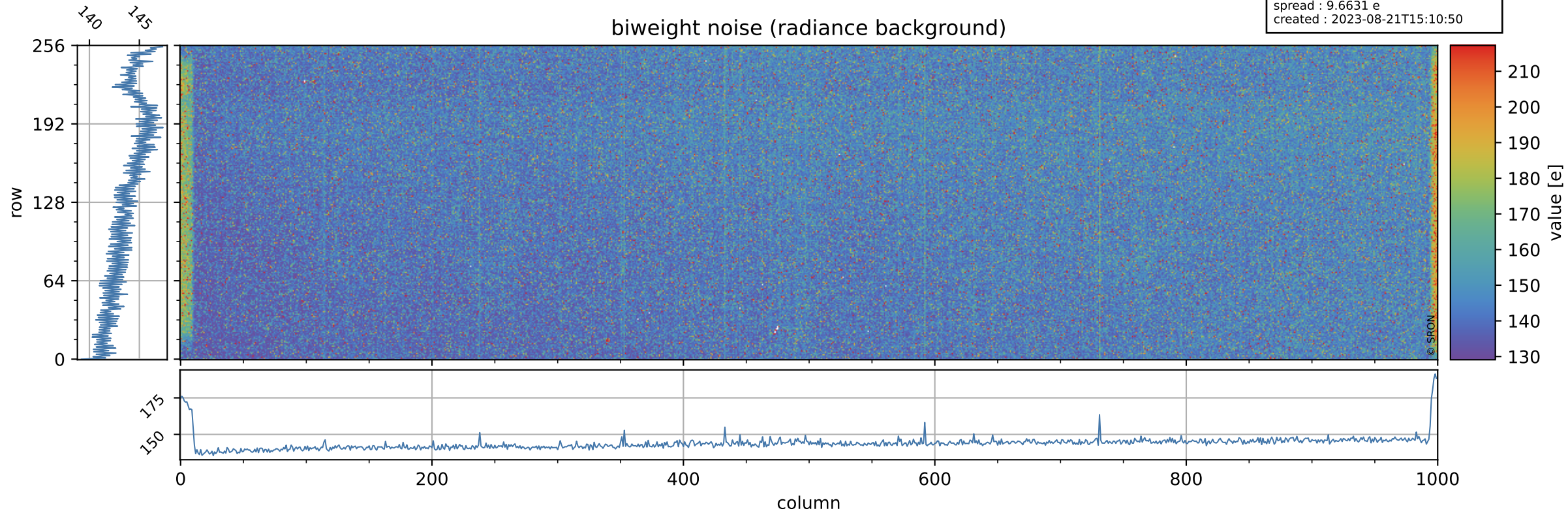
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6631 e
created : 2023-08-21T15:10:50

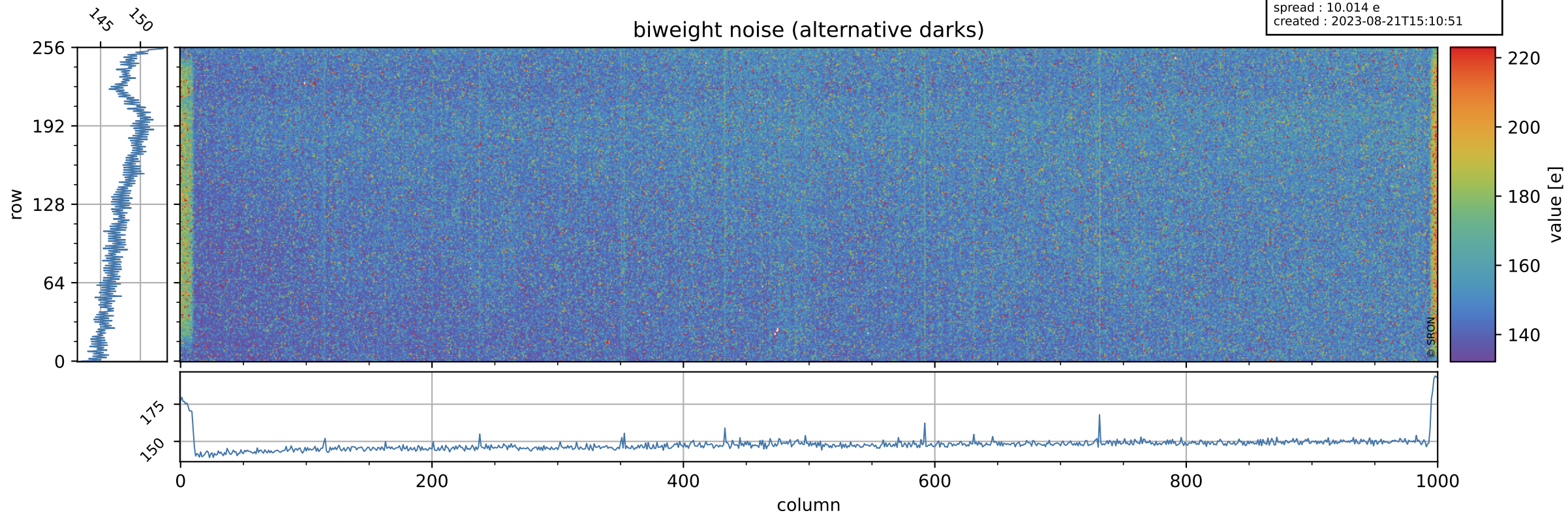
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.014 e
created : 2023-08-21T15:10:51

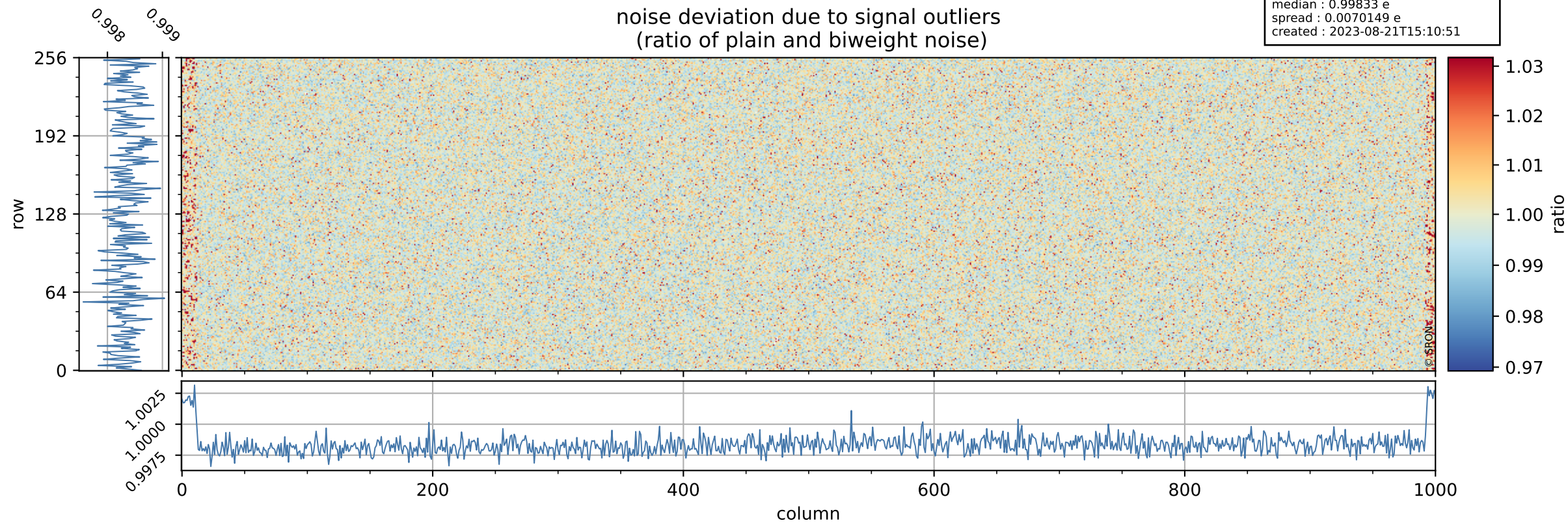
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

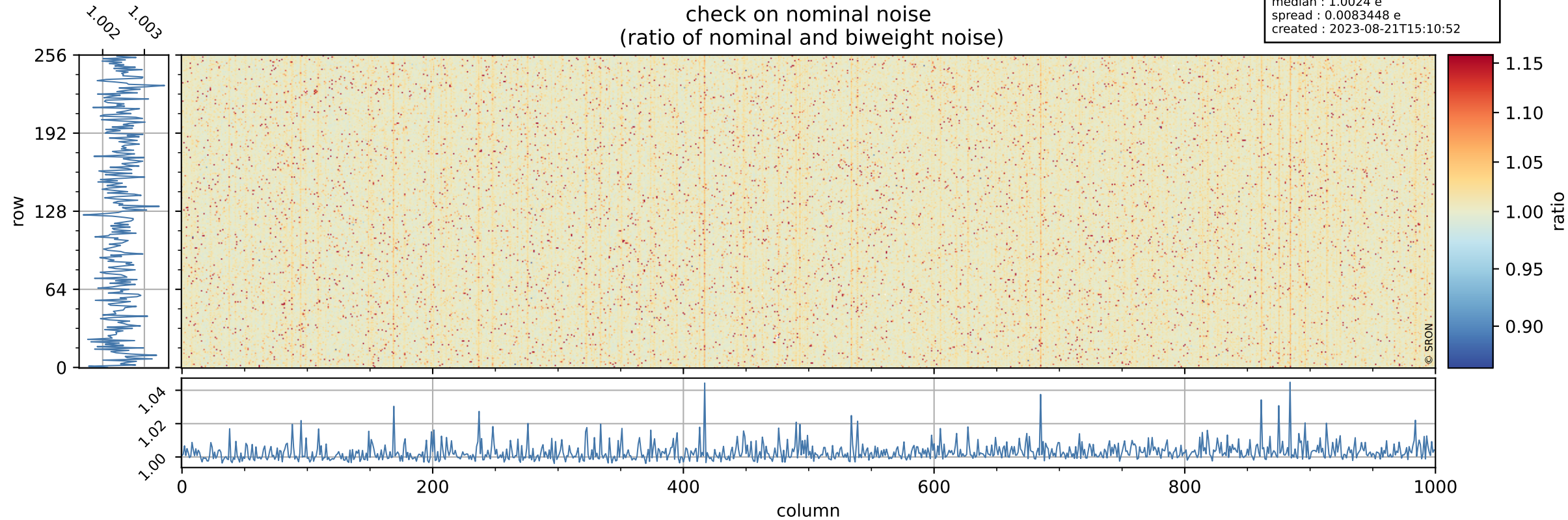
orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
median : 0.99833 e
spread : 0.0070149 e
created : 2023-08-21T15:10:51



Tropomi SWIR background noise (swir)

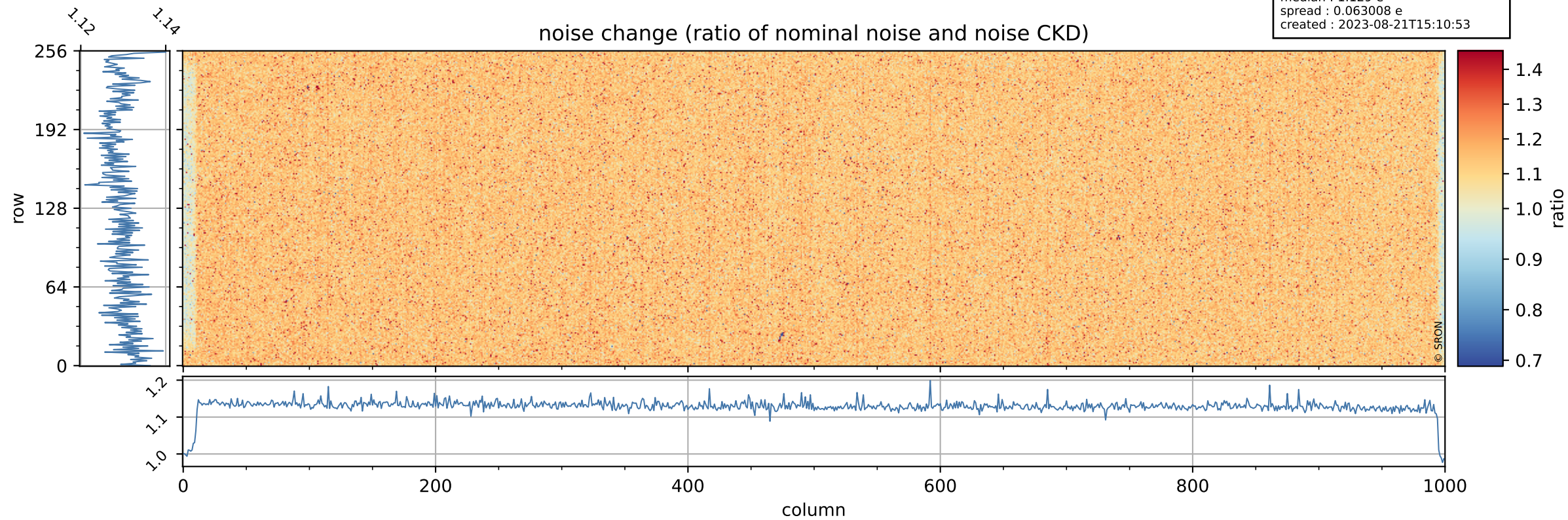
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
median : 1.0024 e
spread : 0.0083448 e
created : 2023-08-21T15:10:52



Tropomi SWIR background noise (swir)

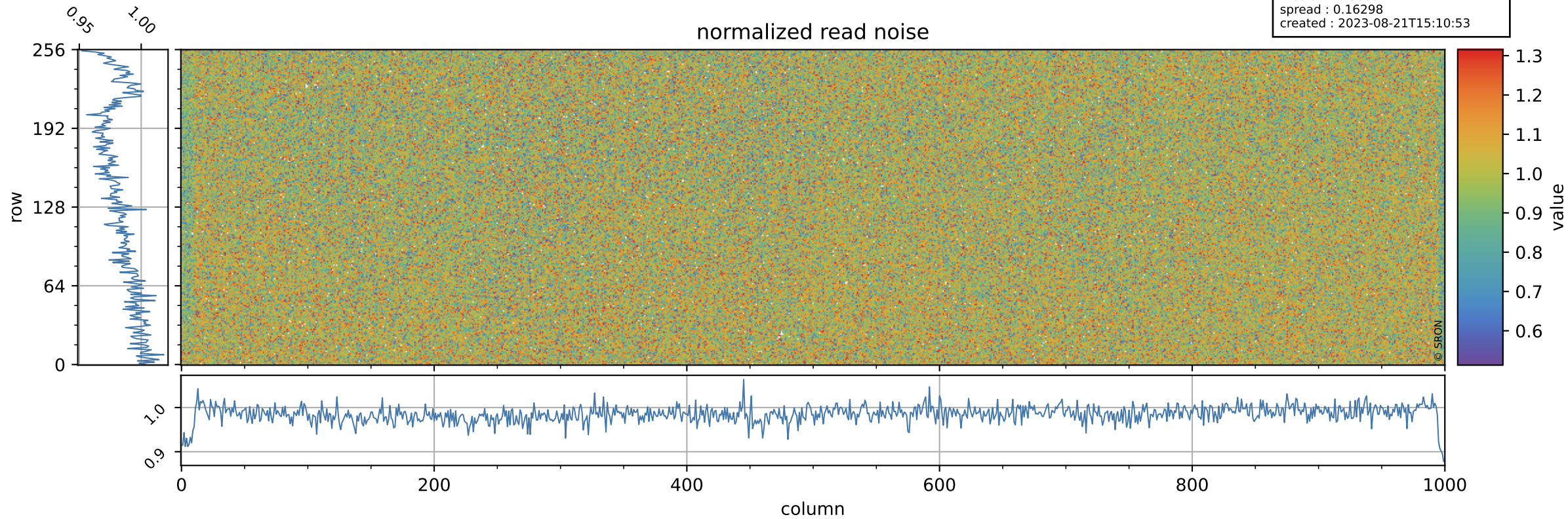
orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
median : 1.129 e
spread : 0.063008 e
created : 2023-08-21T15:10:53



Tropomi SWIR background noise (swir)

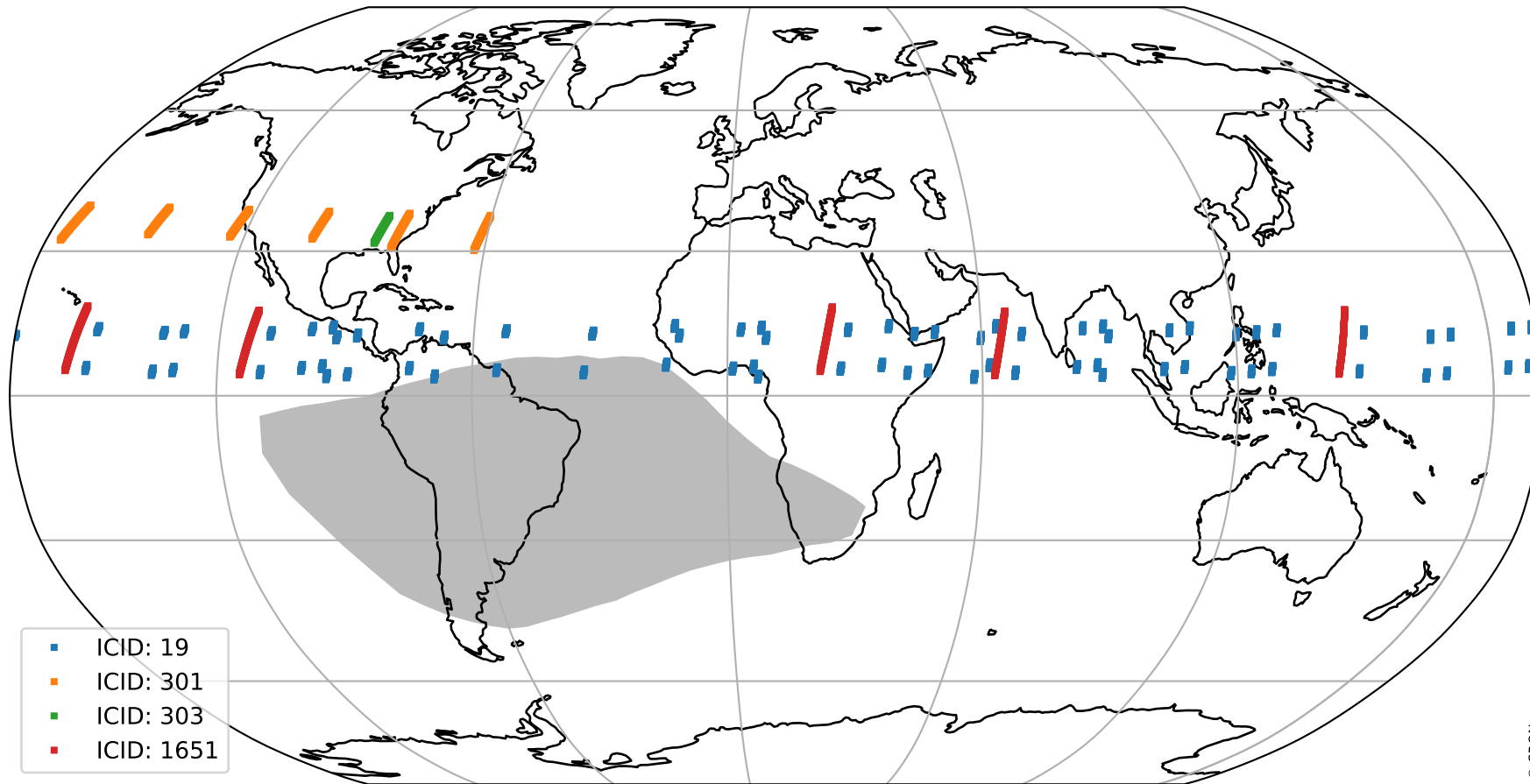
orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
median : 0.98397
spread : 0.16298
created : 2023-08-21T15:10:53

normalized read noise



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

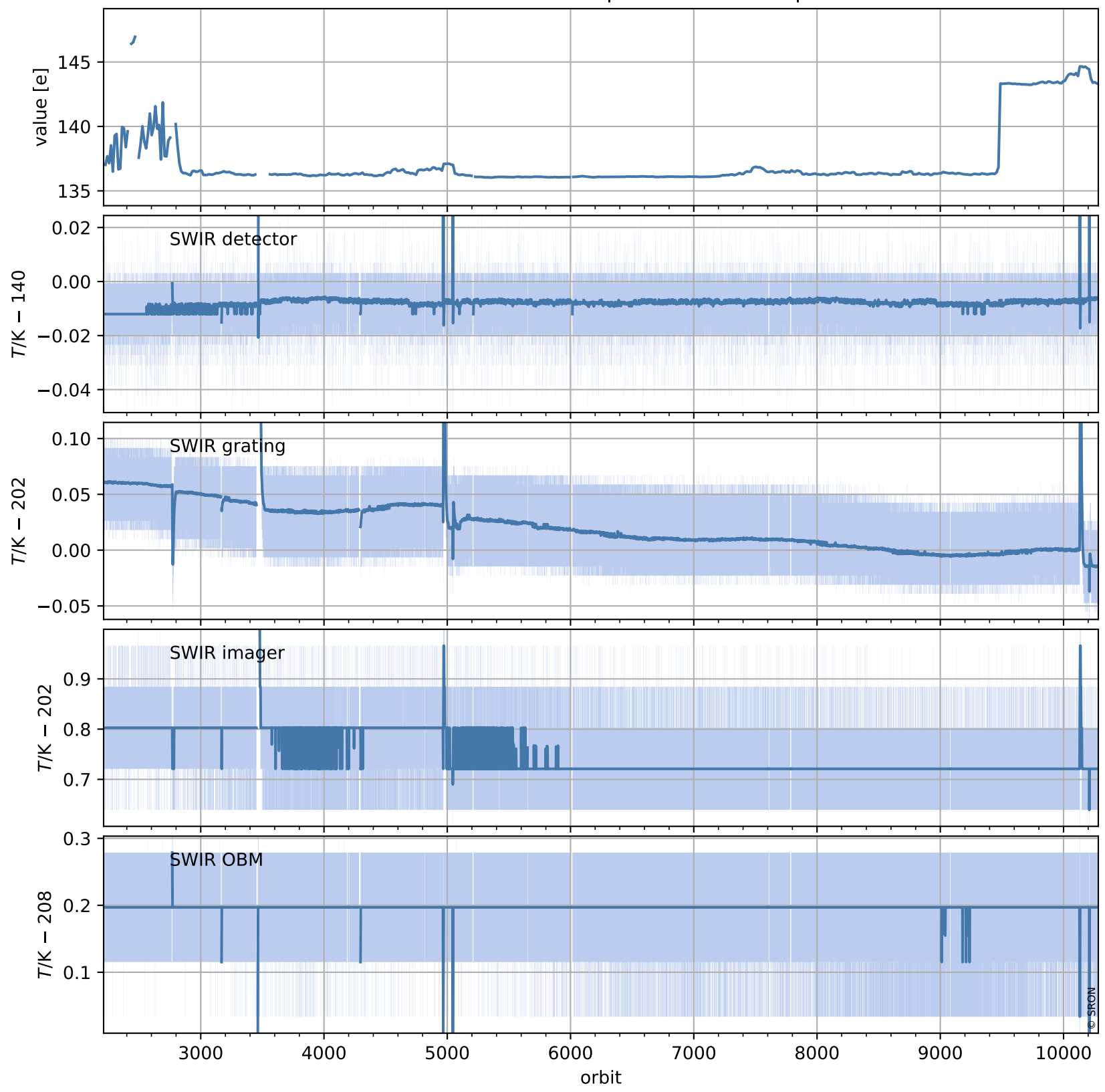
orbits : 12 in [10207, 10282]
coverage : 2019-10-02 / 2019-10-07
created : 2023-08-21T15:10:54



Tropomi SWIR background noise (swir)

orbits : [2212, 10282]
coverage : 2018-03-18 / 2019-10-07
created : 2023-08-21T15:10:54

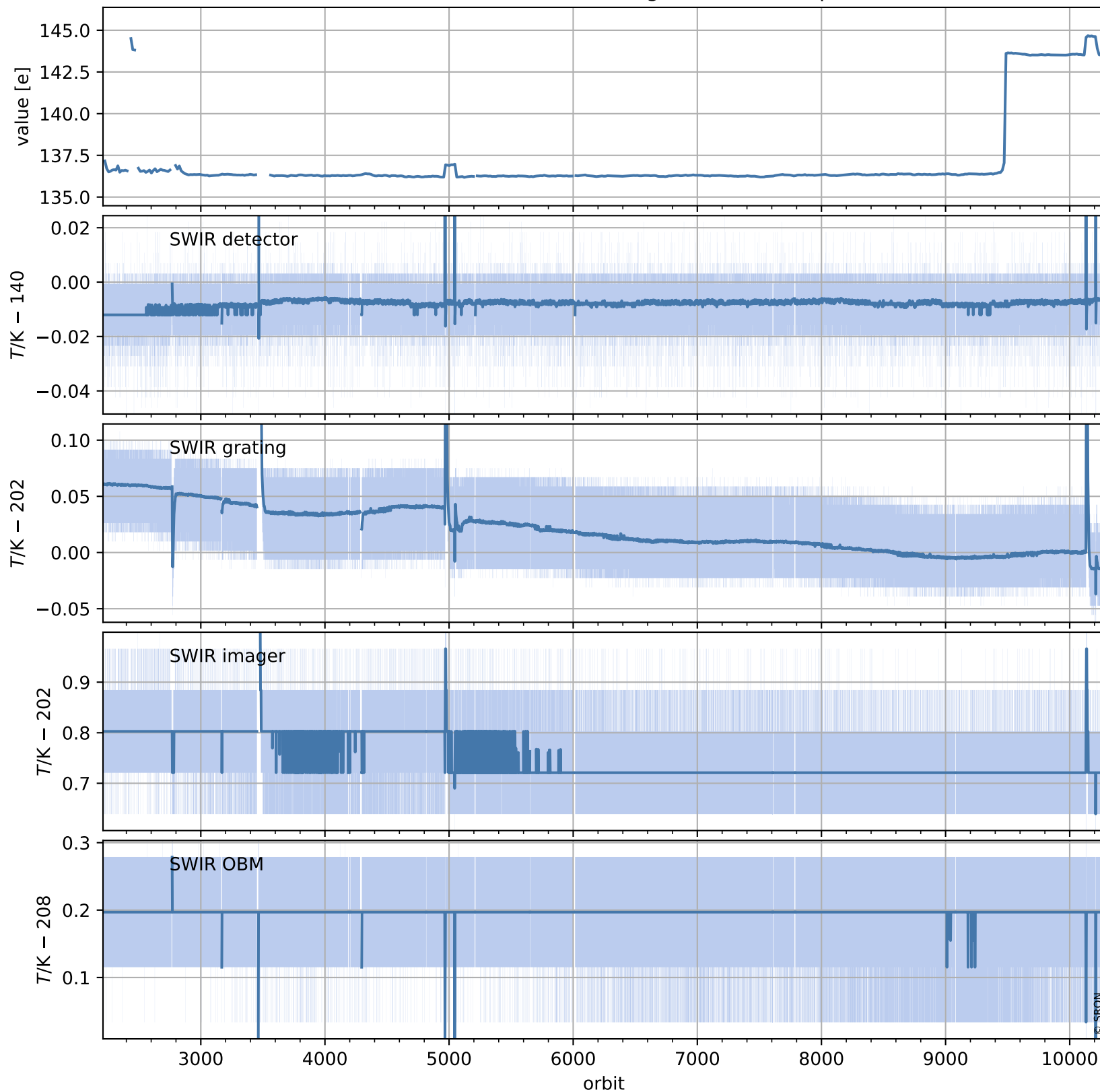
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10282]
coverage : 2018-03-18 / 2019-10-07
created : 2023-08-21T15:10:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10282]
coverage : 2018-03-18 / 2019-10-07
created : 2023-08-21T15:10:56

trend of normalized read-noise & temperatures

