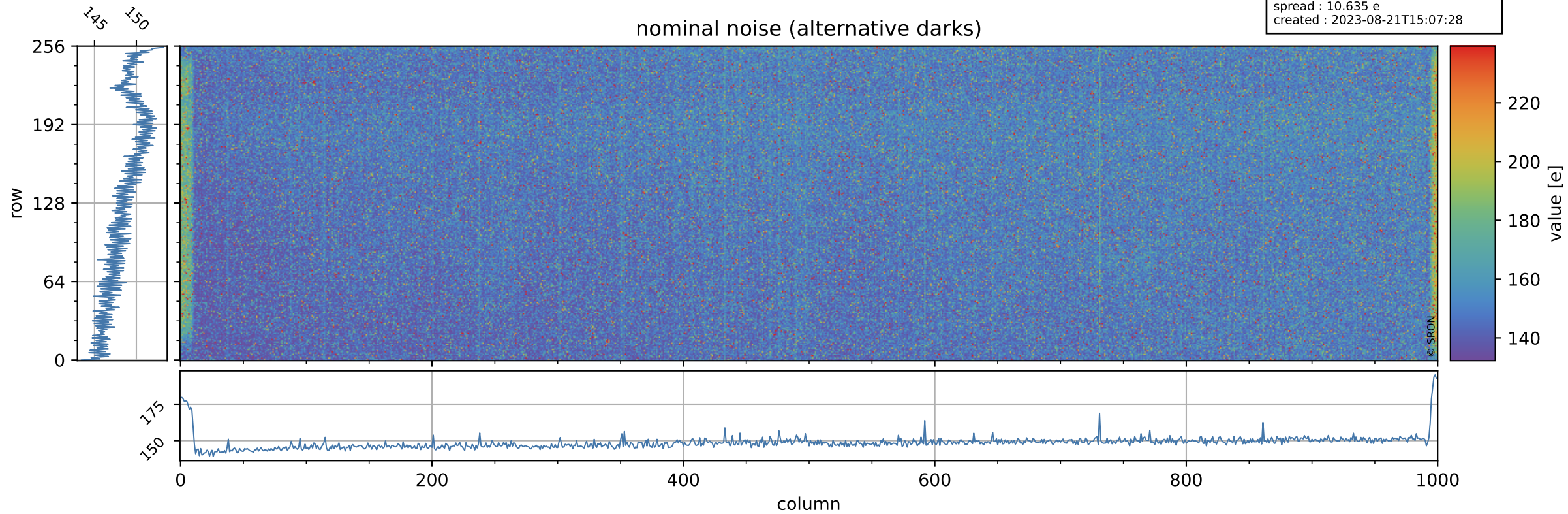


Tropomi SWIR background noise (swir)

orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.635 e
created : 2023-08-21T15:07:28

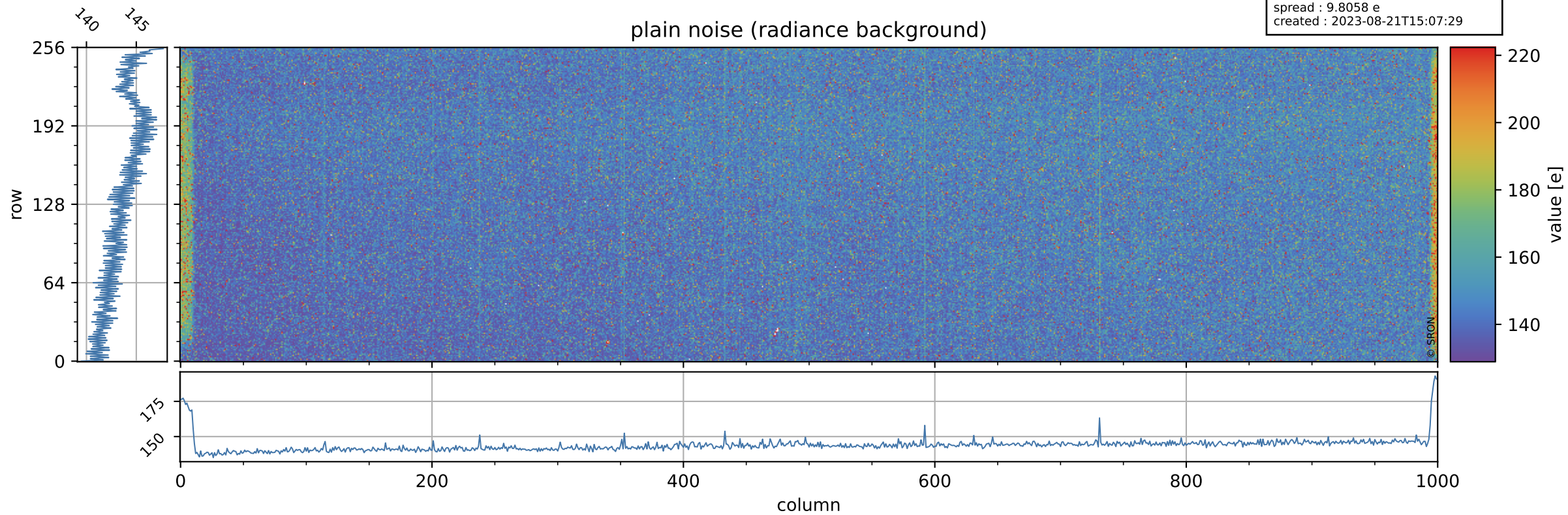
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8058 e
created : 2023-08-21T15:07:29

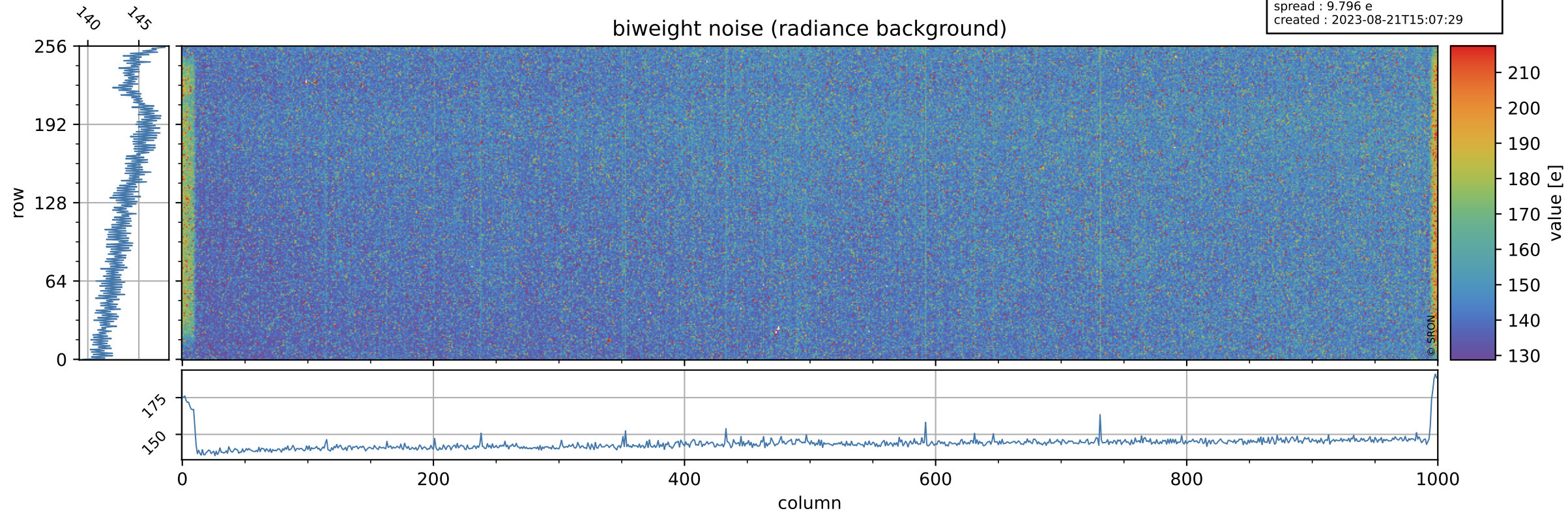
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.796 e
created : 2023-08-21T15:07:29

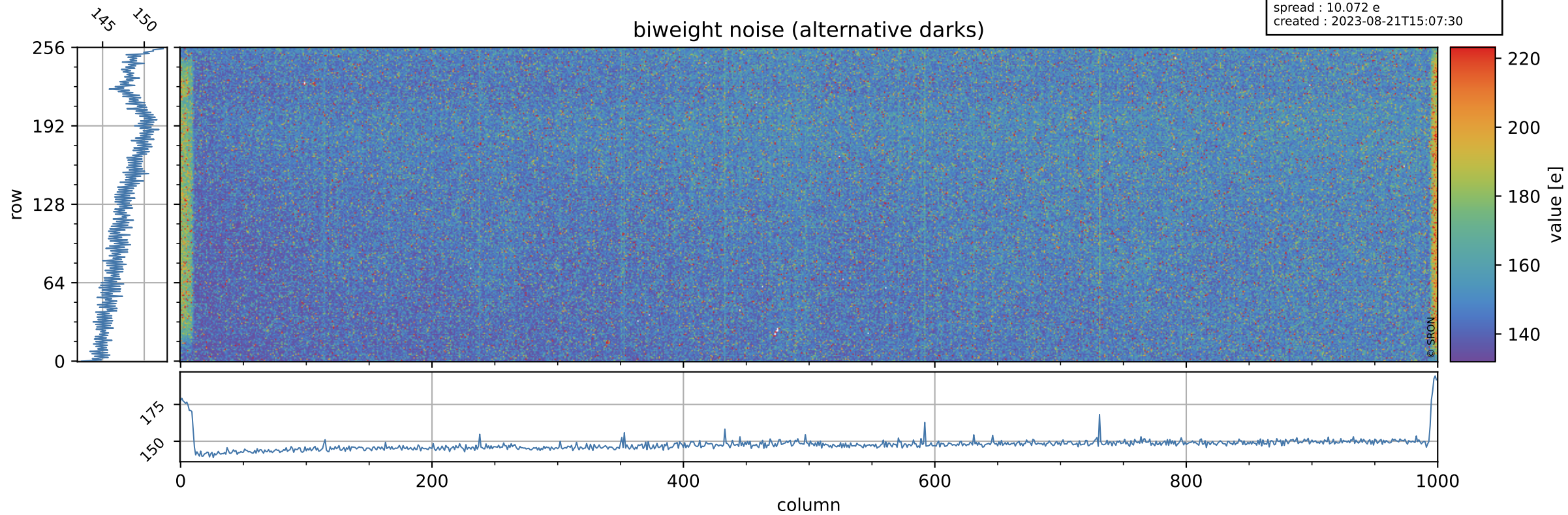
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.072 e
created : 2023-08-21T15:07:30

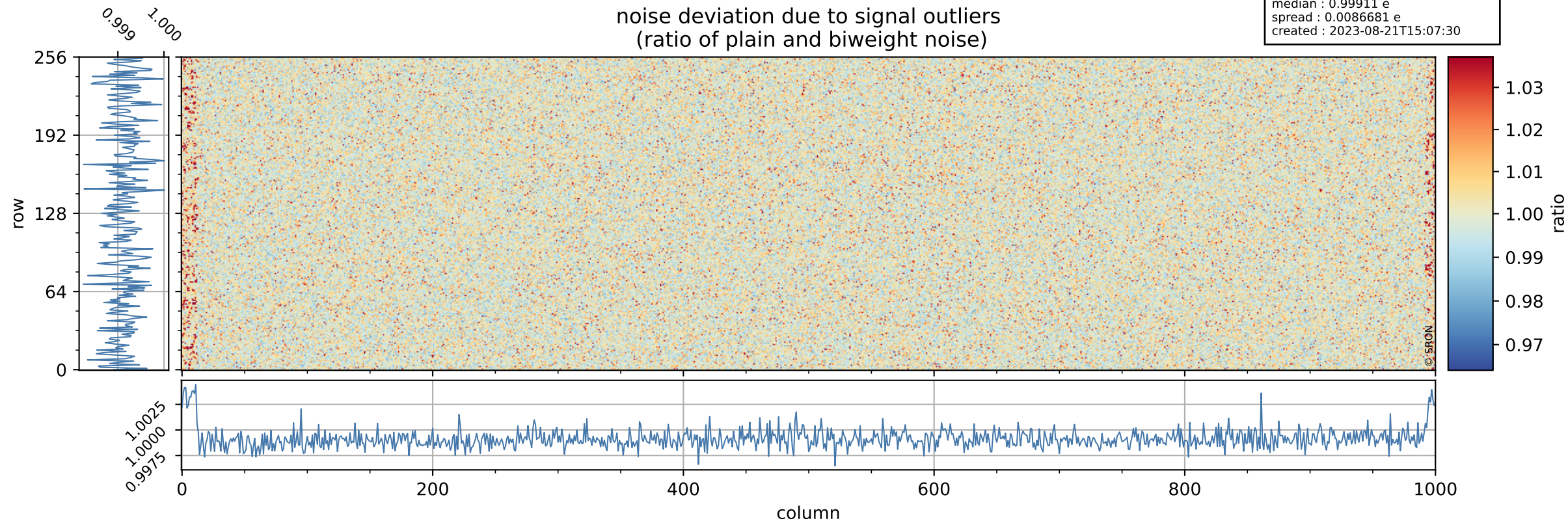
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

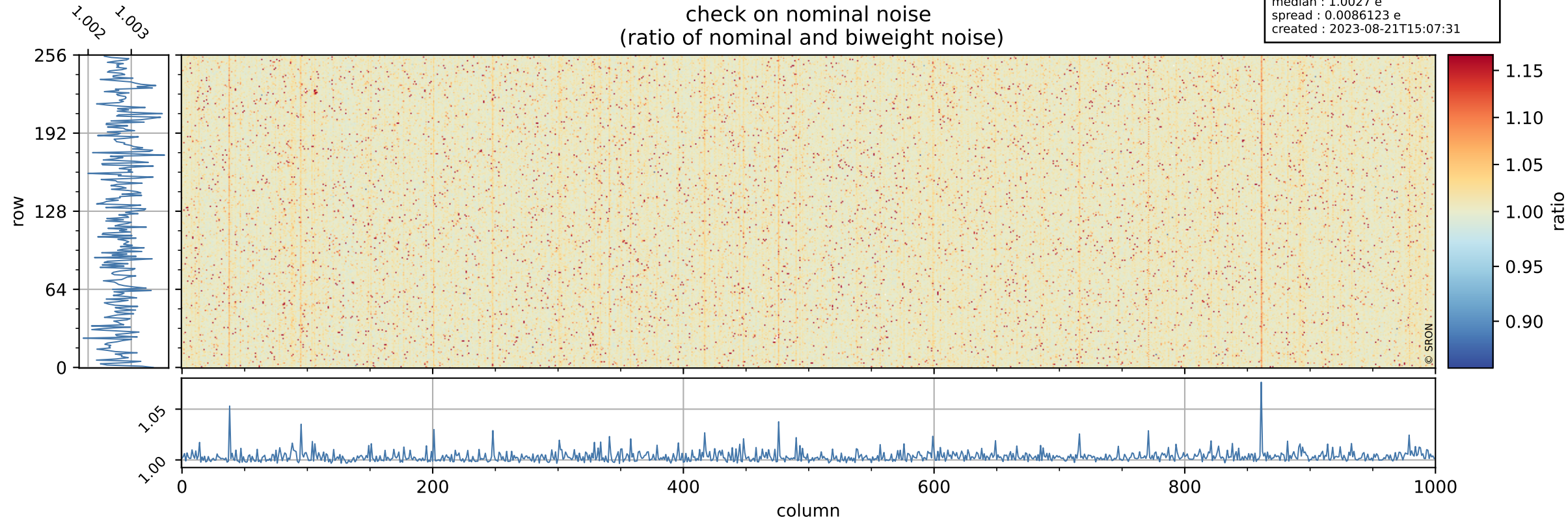
orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
median : 0.99911 e
spread : 0.0086681 e
created : 2023-08-21T15:07:30



Tropomi SWIR background noise (swir)

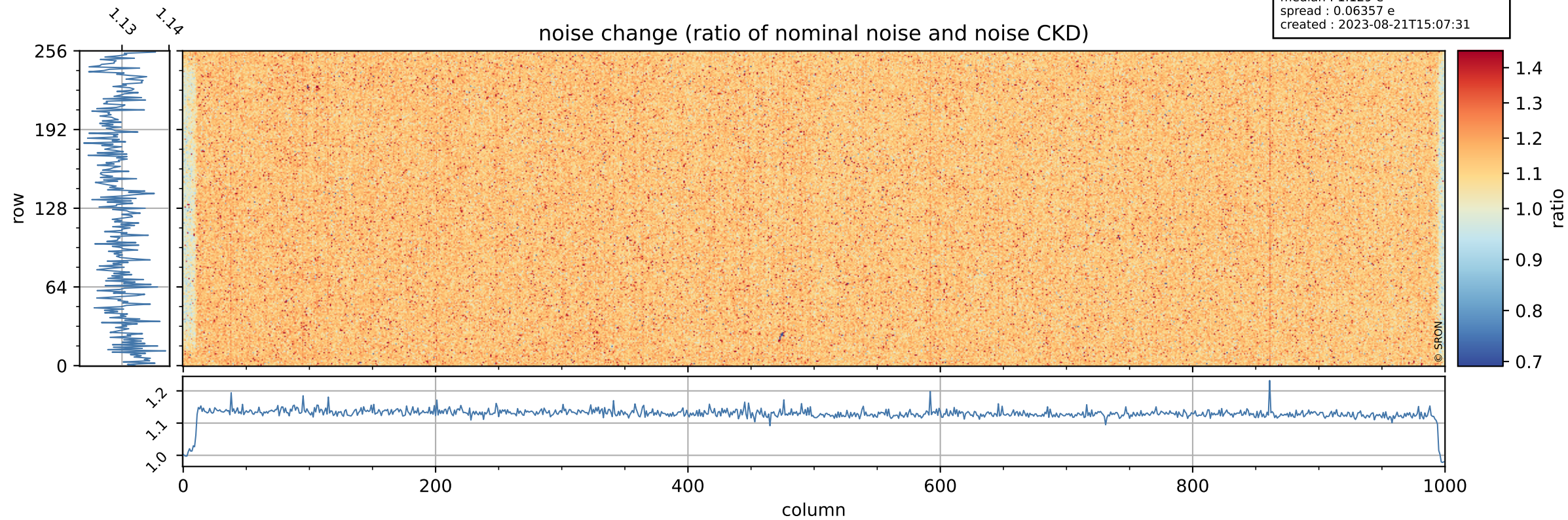
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
median : 1.0027 e
spread : 0.0086123 e
created : 2023-08-21T15:07:31



Tropomi SWIR background noise (swir)

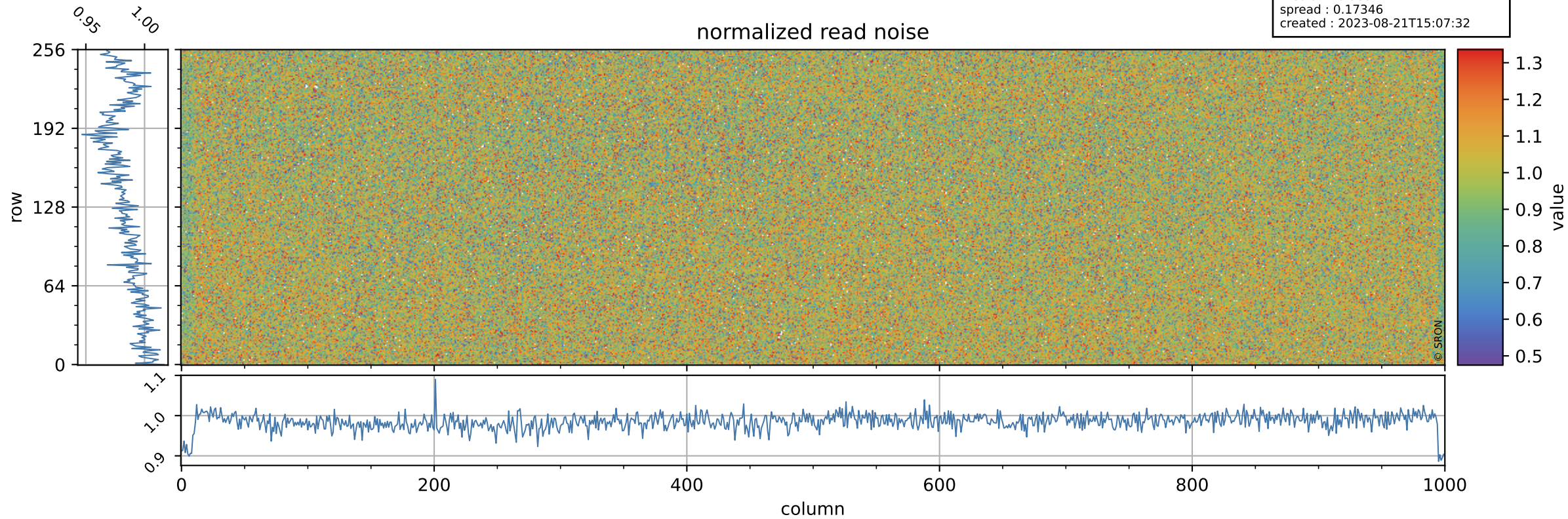
orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
median : 1.129 e
spread : 0.06357 e
created : 2023-08-21T15:07:31



Tropomi SWIR background noise (swir)

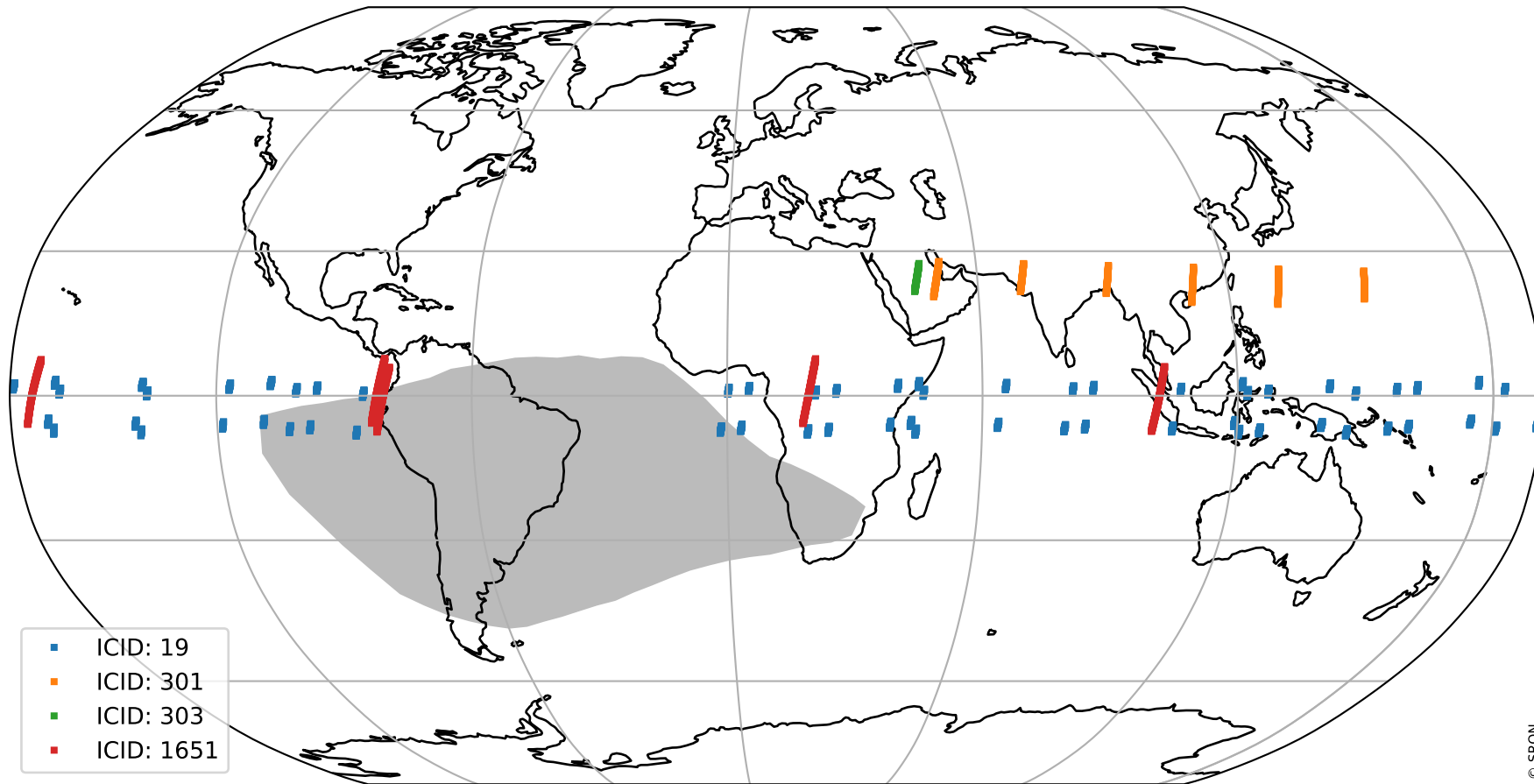
orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
median : 0.9837
spread : 0.17346
created : 2023-08-21T15:07:32

normalized read noise



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

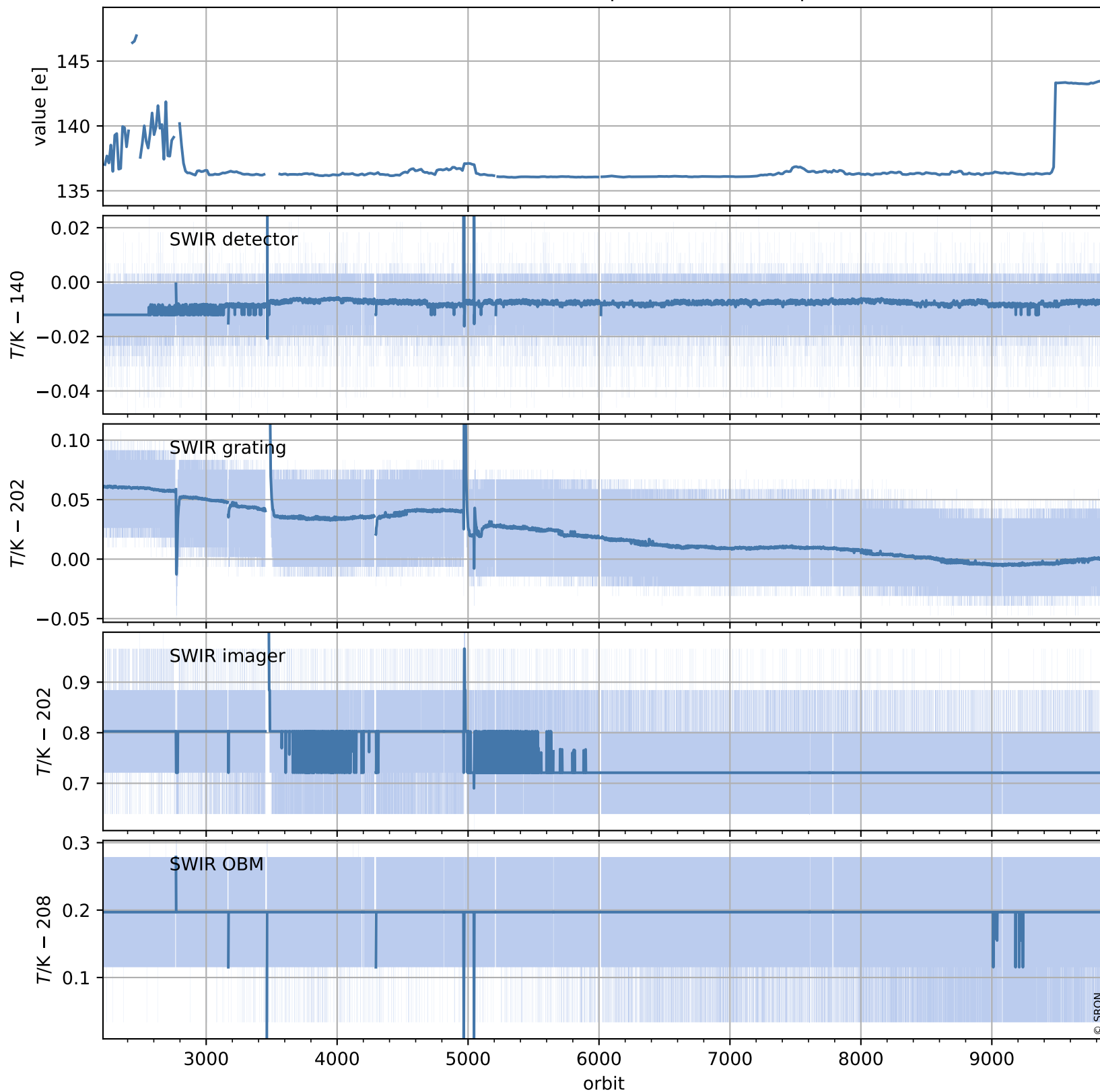
orbits : 12 in [9772, 9862]
coverage : 2019-09-02 / 2019-09-08
created : 2023-08-21T15:07:32



Tropomi SWIR background noise (swir)

orbits : [2212, 9862]
coverage : 2018-03-18 / 2019-09-08
created : 2023-08-21T15:07:33

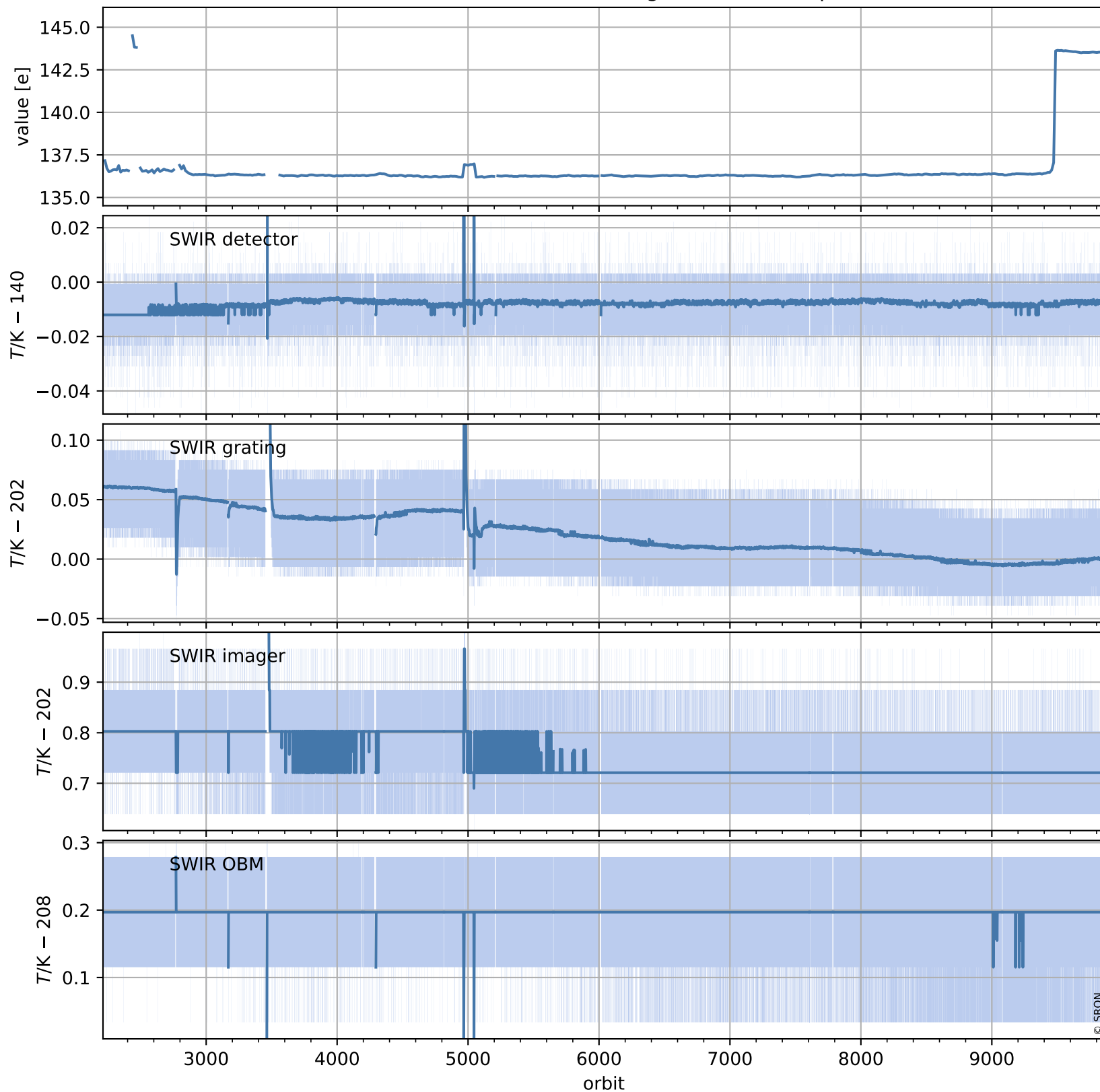
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9862]
coverage : 2018-03-18 / 2019-09-08
created : 2023-08-21T15:07:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9862]
coverage : 2018-03-18 / 2019-09-08
created : 2023-08-21T15:07:34

trend of normalized read-noise & temperatures

