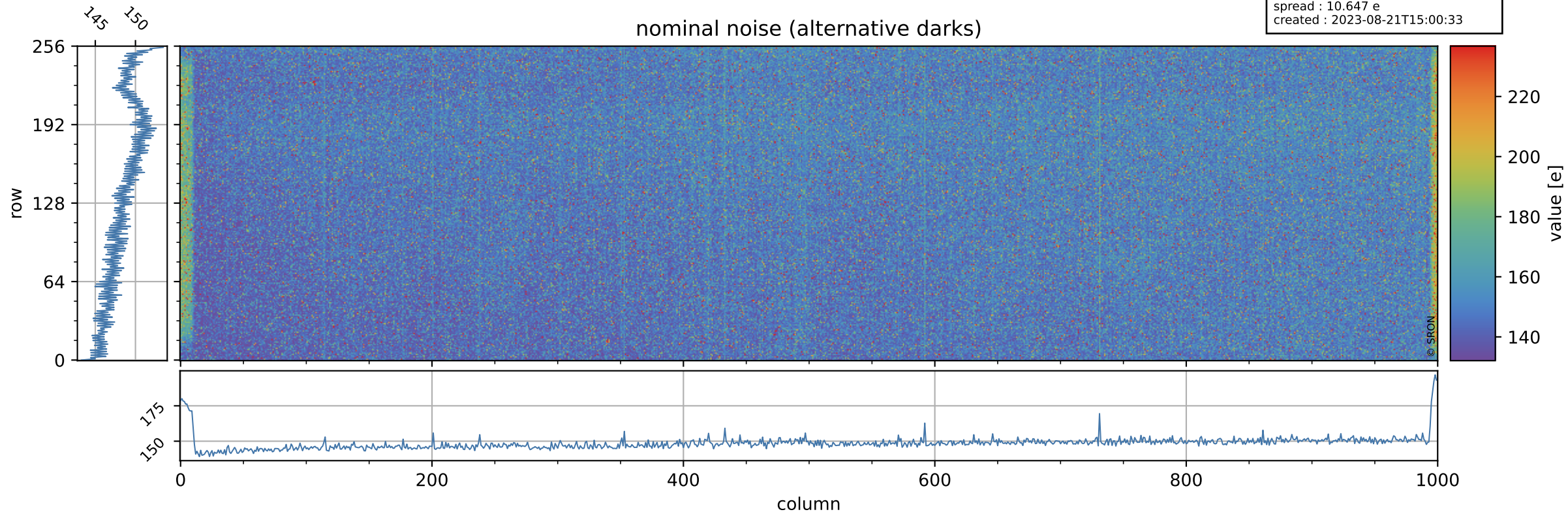


Tropomi SWIR background noise (swir)

orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.647 e
created : 2023-08-21T15:00:33

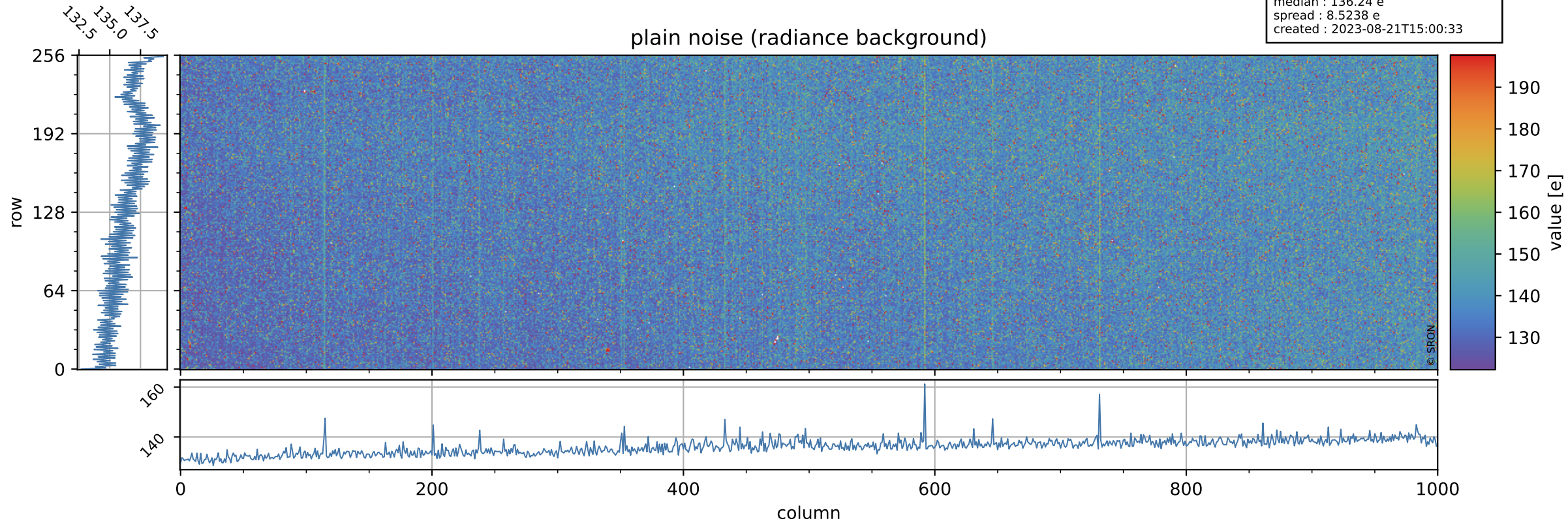
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.5238 e
created : 2023-08-21T15:00:33

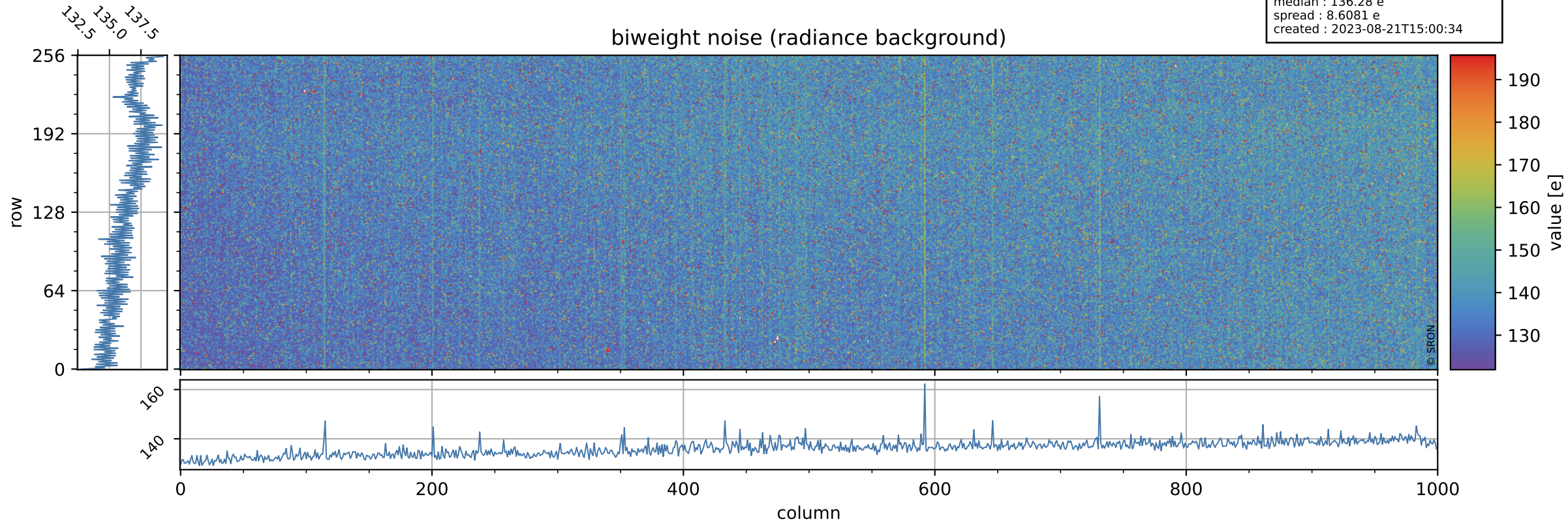
plain noise (radiance background)



Tropomi SWIR background noise (swir)

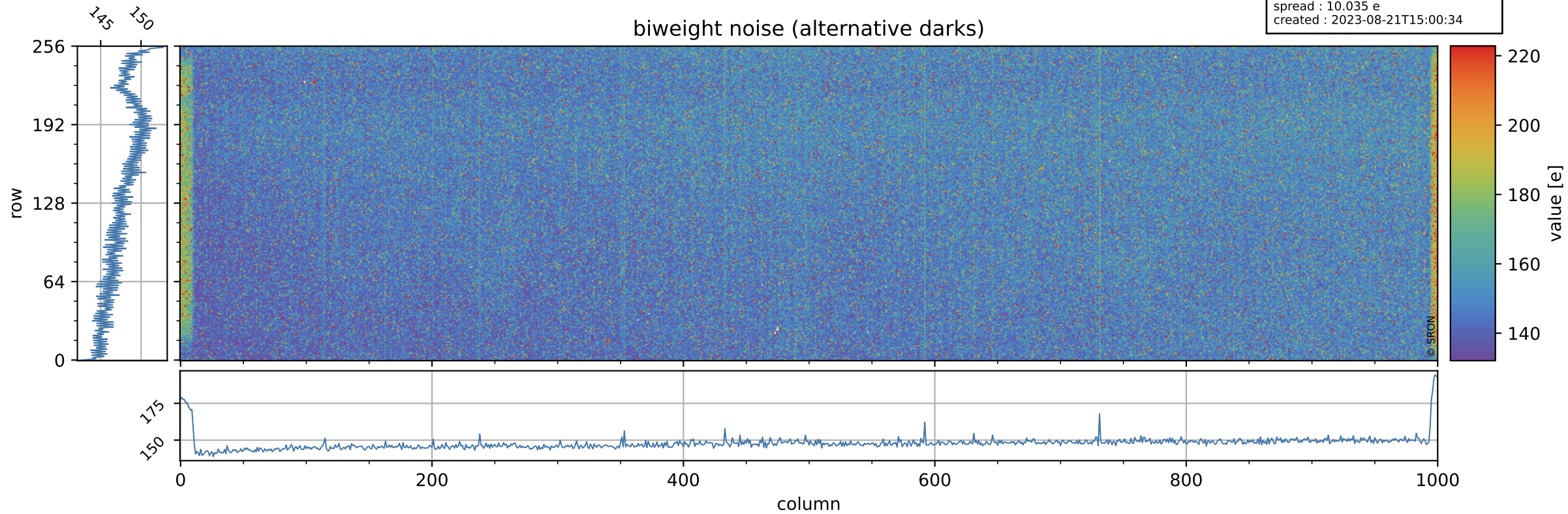
orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.6081 e
created : 2023-08-21T15:00:34

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

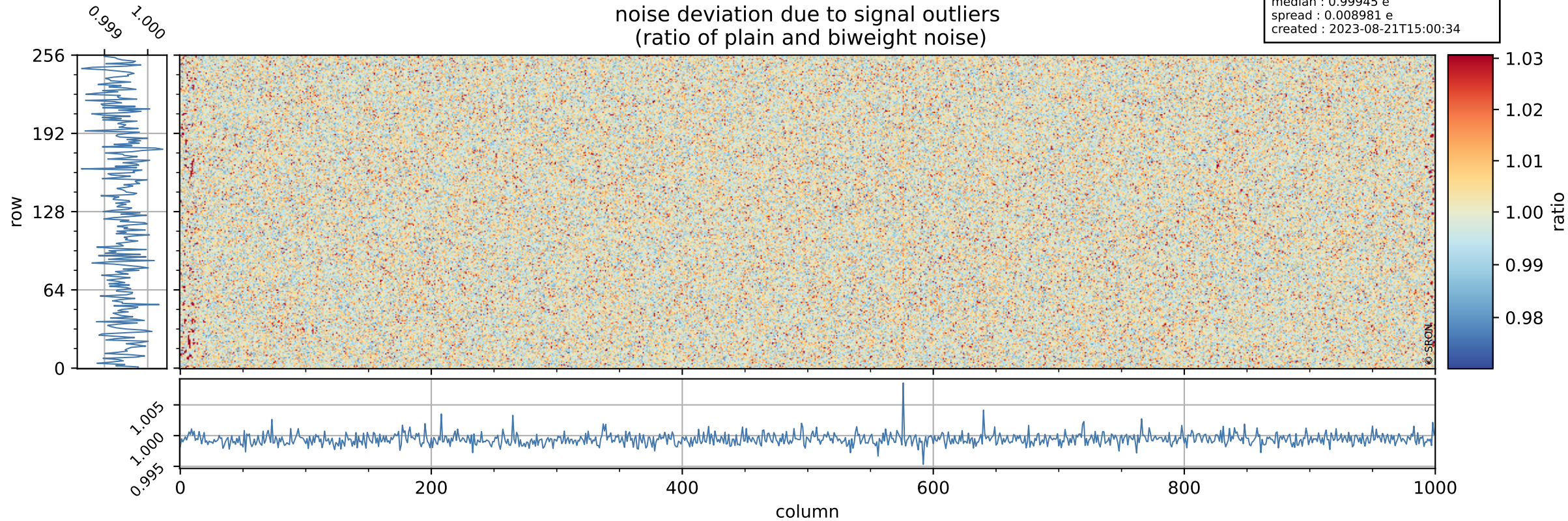
orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.035 e
created : 2023-08-21T15:00:34



Tropomi SWIR background noise (swir)

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

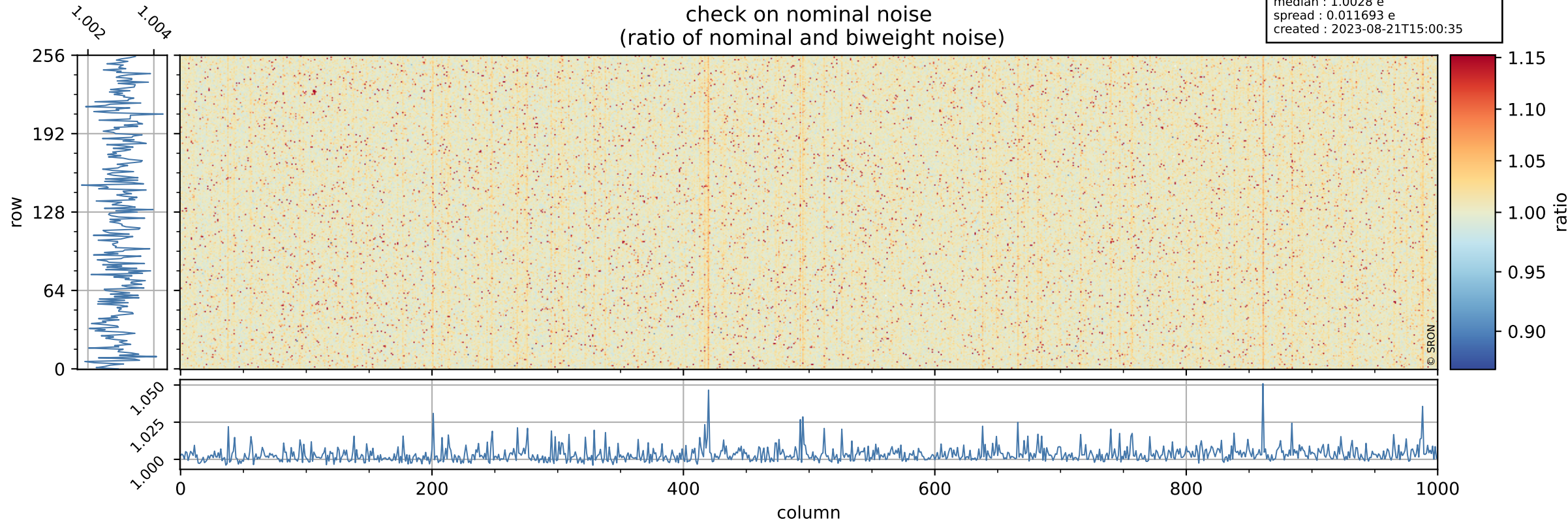
orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
median : 0.99945 e
spread : 0.008981 e
created : 2023-08-21T15:00:34



Tropomi SWIR background noise (swir)

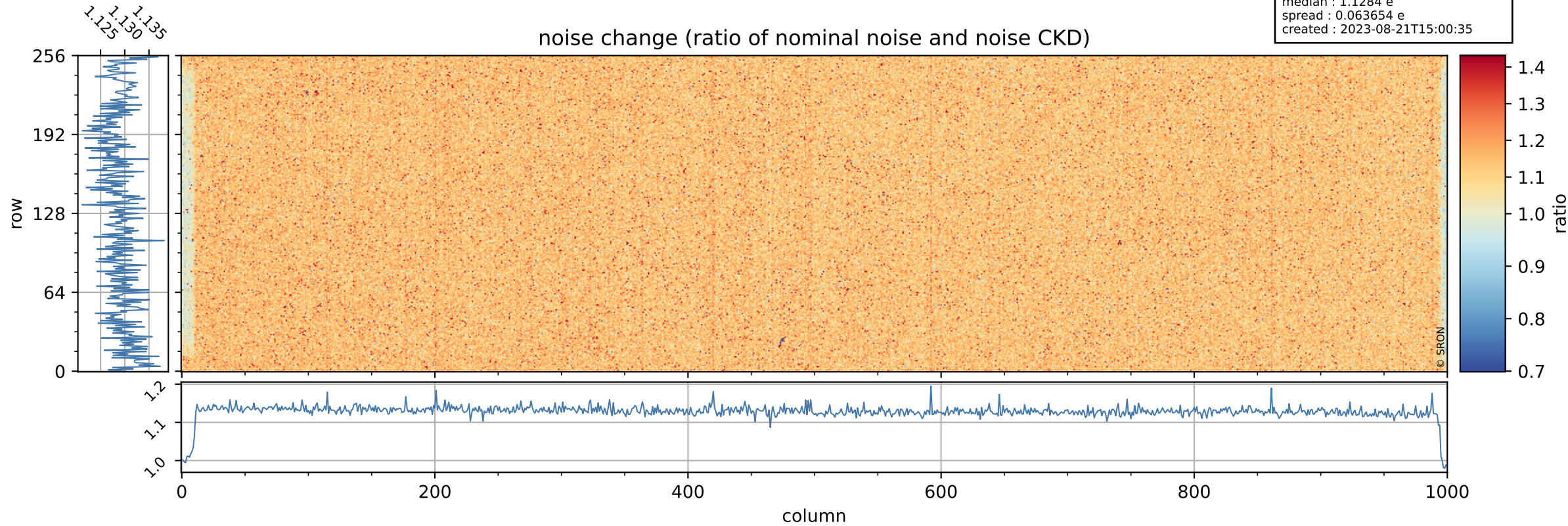
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
median : 1.0028 e
spread : 0.011693 e
created : 2023-08-21T15:00:35



Tropomi SWIR background noise (swir)

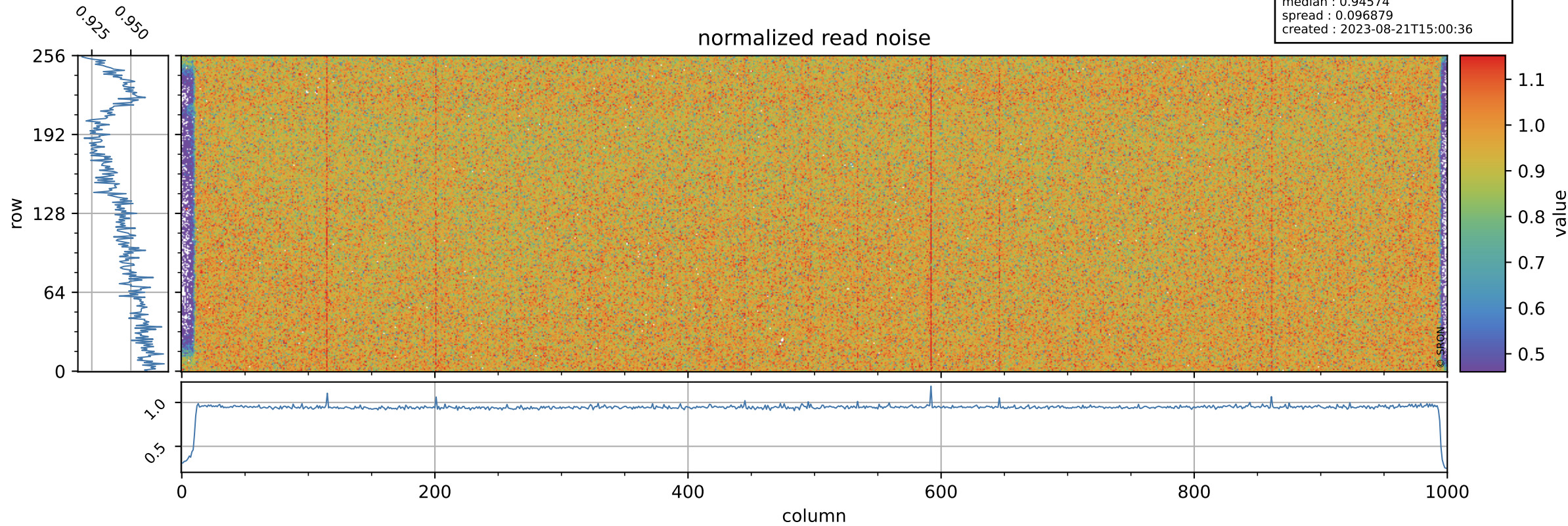
orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
median : 1.1284 e
spread : 0.063654 e
created : 2023-08-21T15:00:35



Tropomi SWIR background noise (swir)

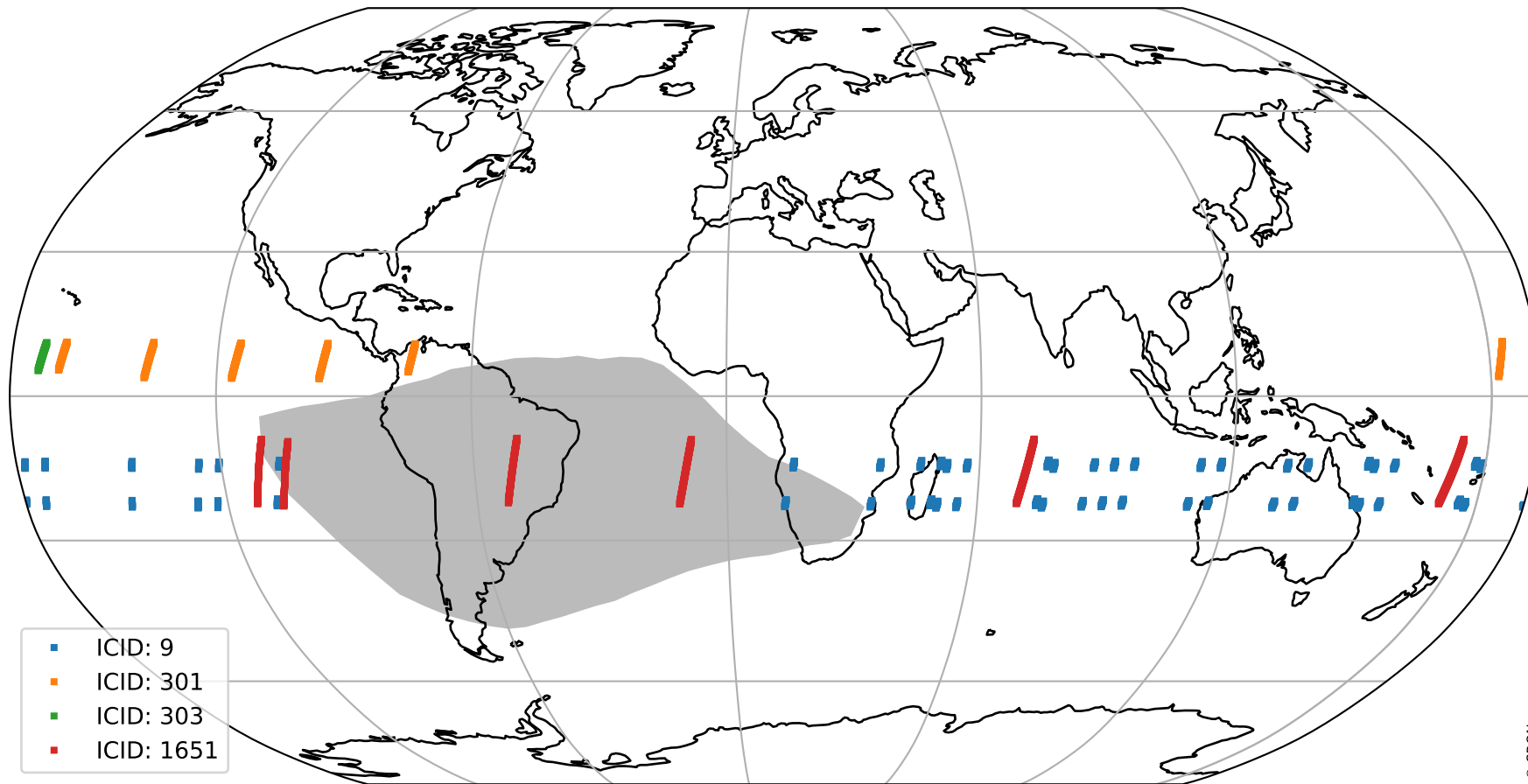
orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
median : 0.94574
spread : 0.096879
created : 2023-08-21T15:00:36

normalized read noise



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

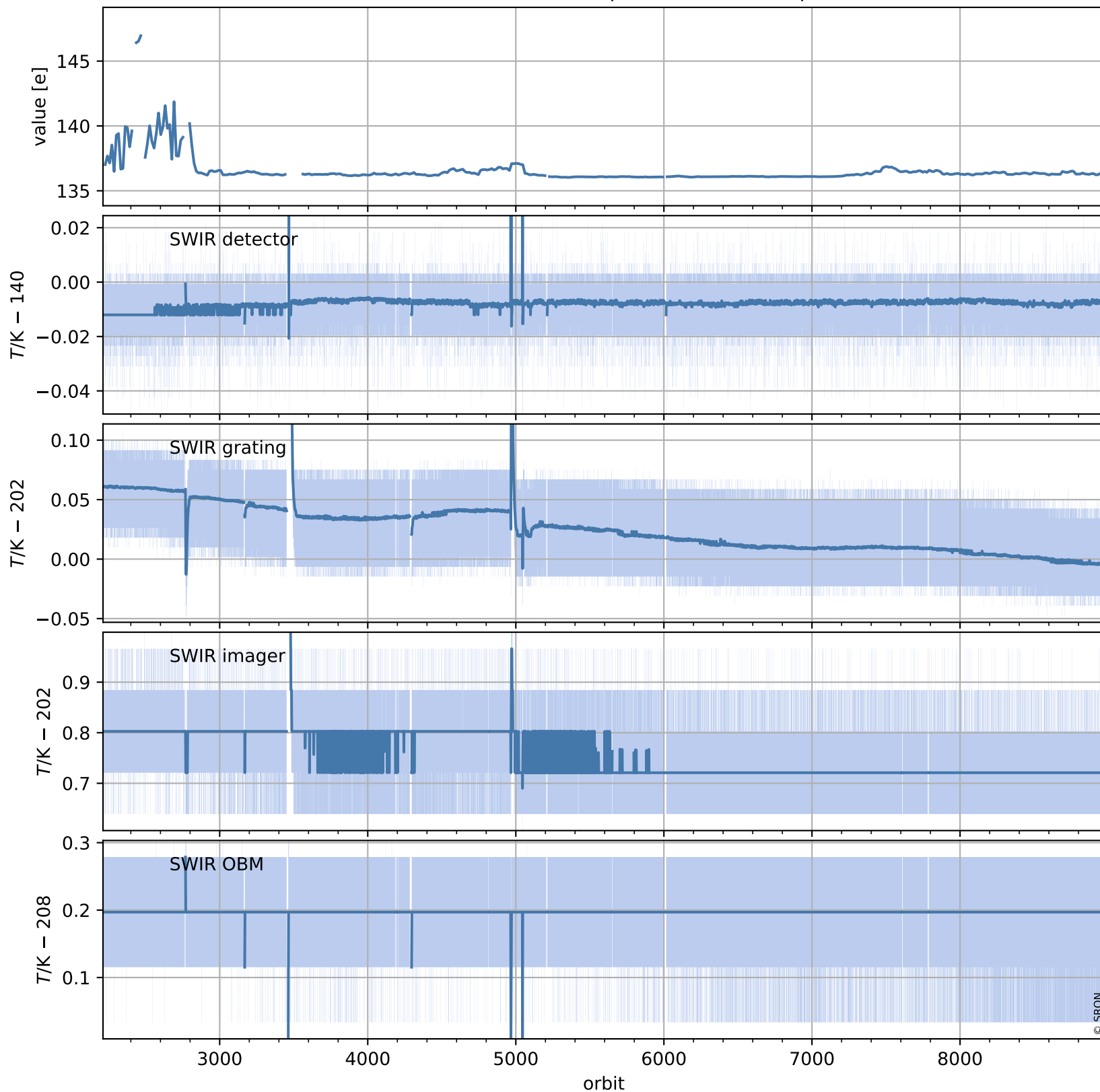
orbits : 13 in [8887, 8977]
coverage : 2019-07-02 / 2019-07-08
created : 2023-08-21T15:00:36



Tropomi SWIR background noise (swir)

orbits : [2212, 8977]
coverage : 2018-03-18 / 2019-07-08
created : 2023-08-21T15:00:37

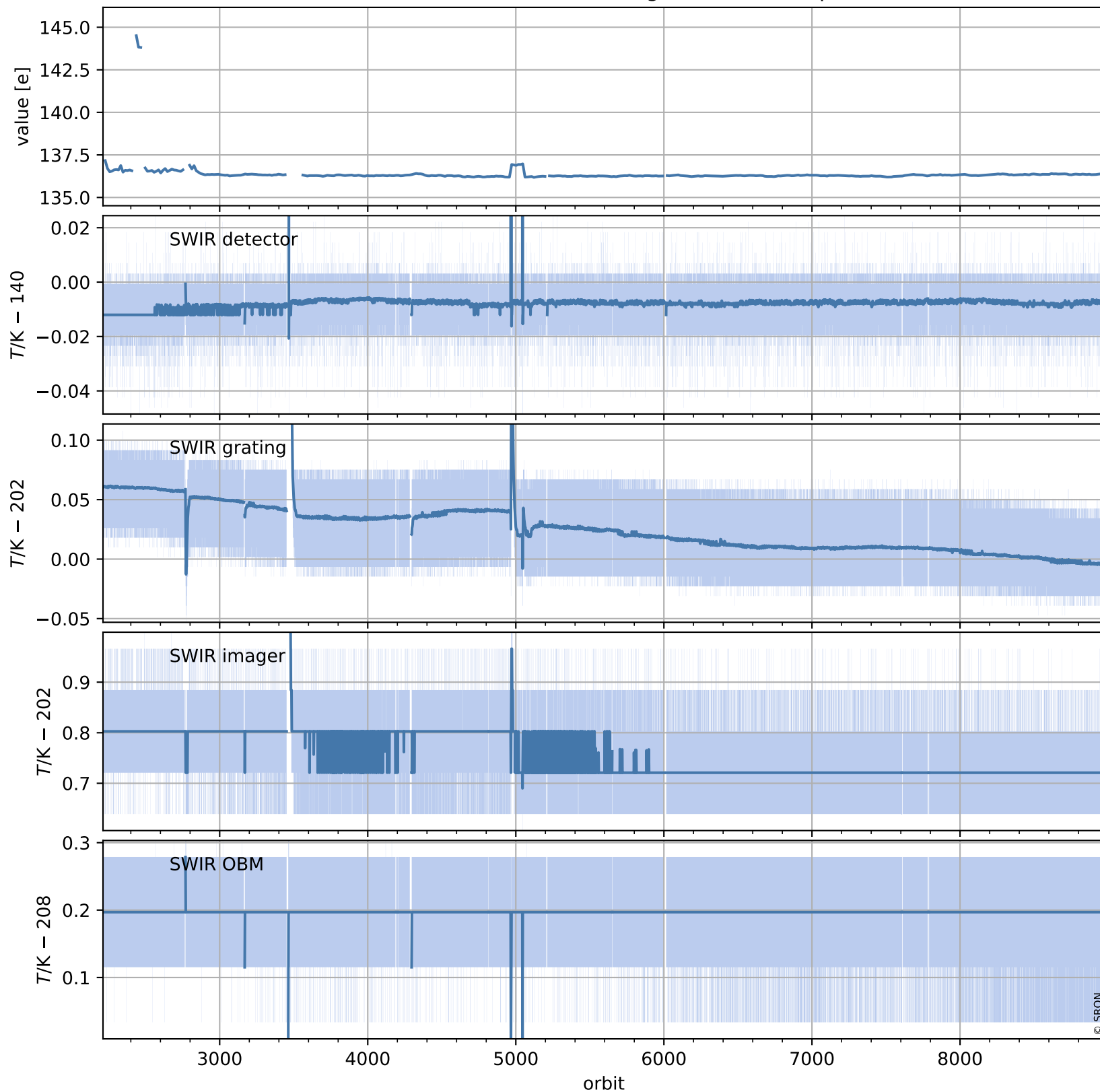
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8977]
coverage : 2018-03-18 / 2019-07-08
created : 2023-08-21T15:00:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8977]
coverage : 2018-03-18 / 2019-07-08
created : 2023-08-21T15:00:38

trend of normalized read-noise & temperatures

