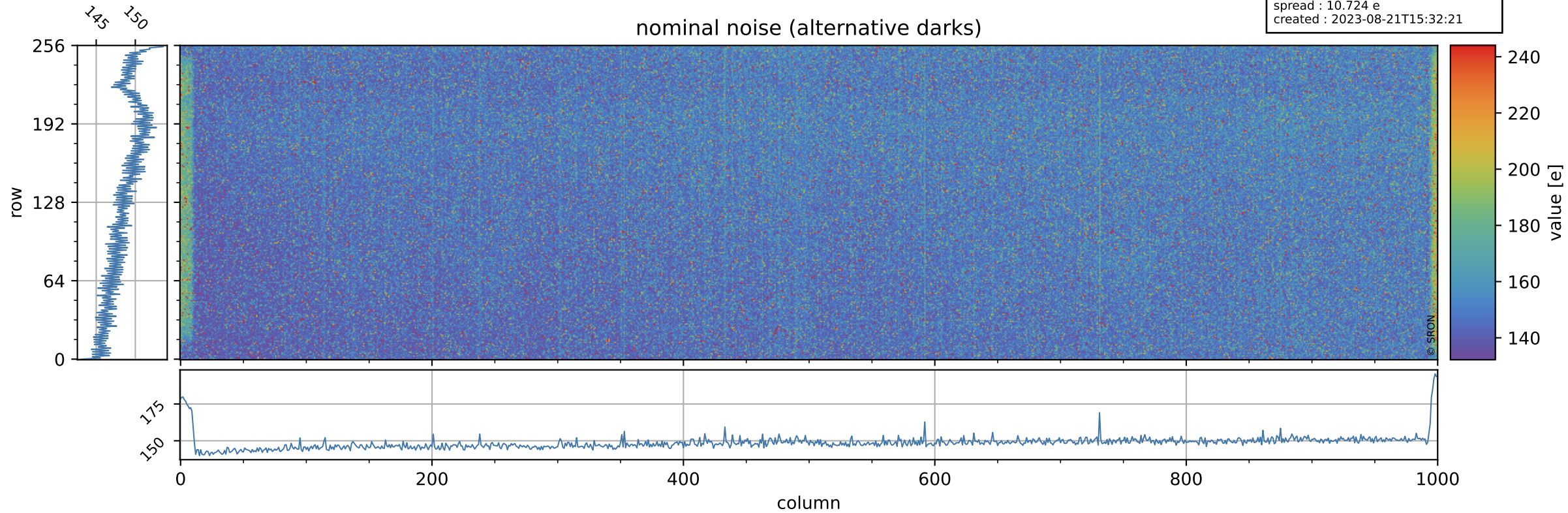


Tropomi SWIR background noise (swir)

orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.724 e
created : 2023-08-21T15:32:21

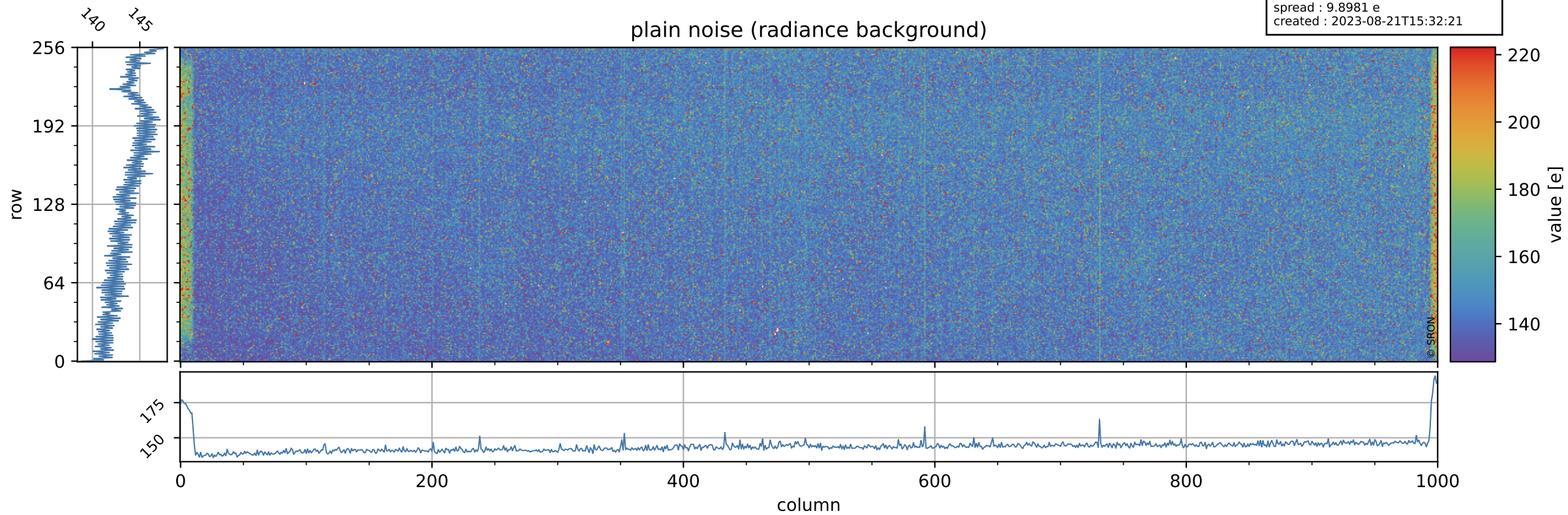
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8981 e
created : 2023-08-21T15:32:21

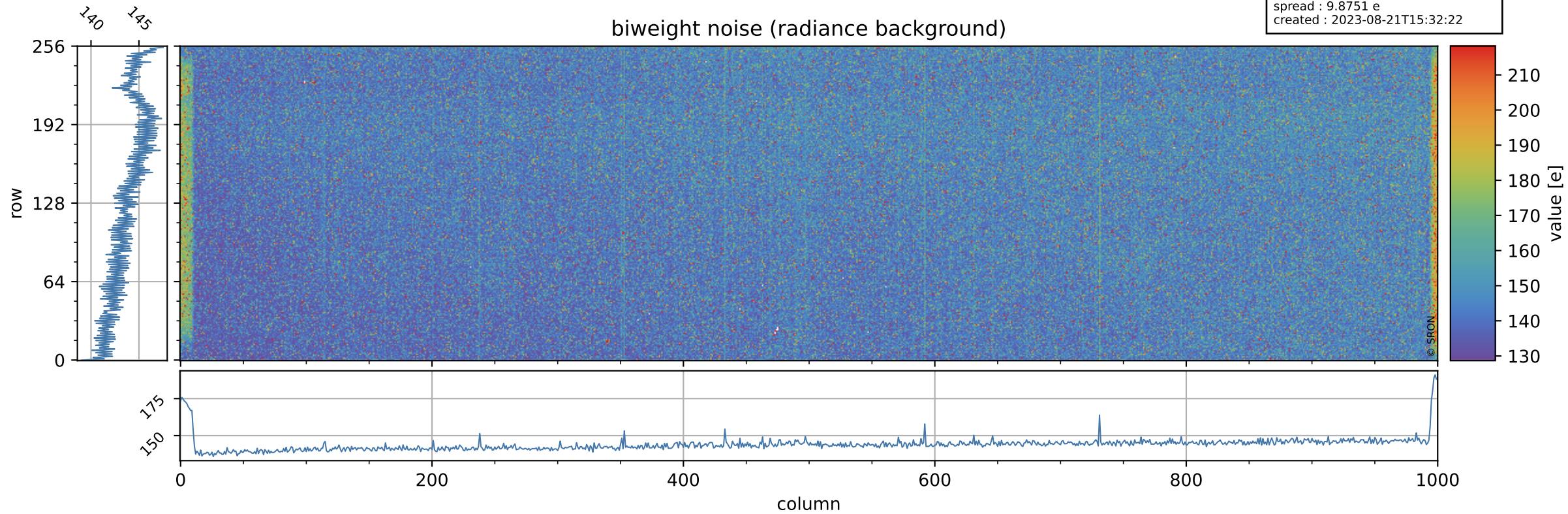
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.8751 e
created : 2023-08-21T15:32:22

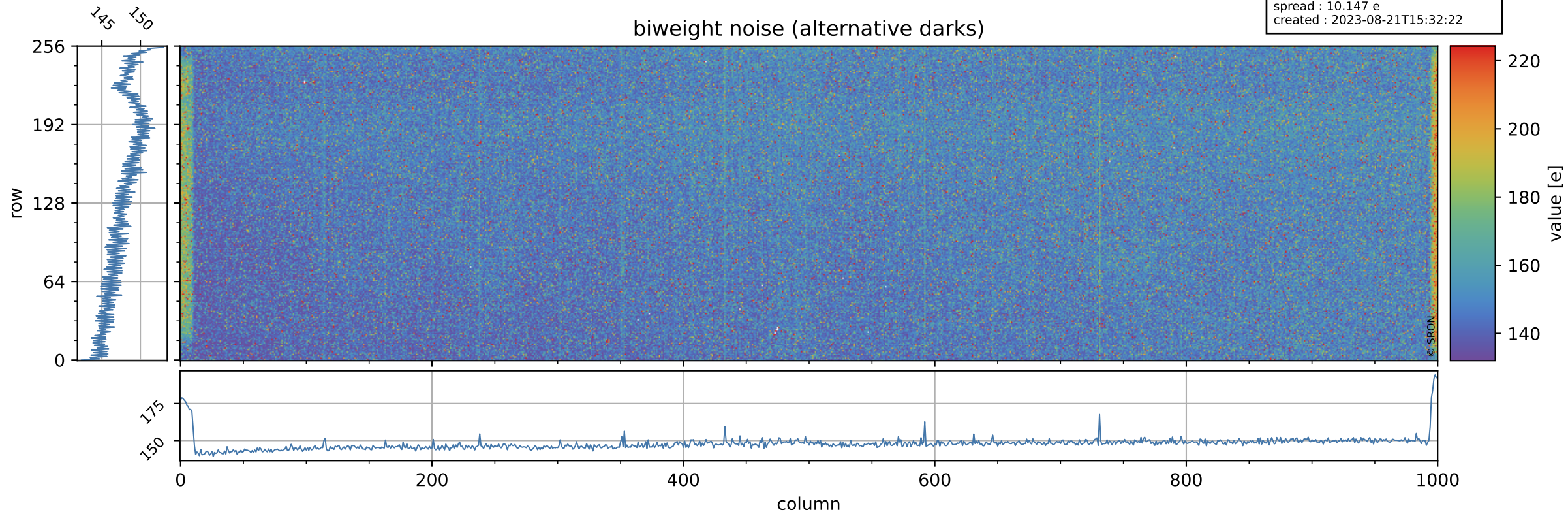
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.147 e
created : 2023-08-21T15:32:22

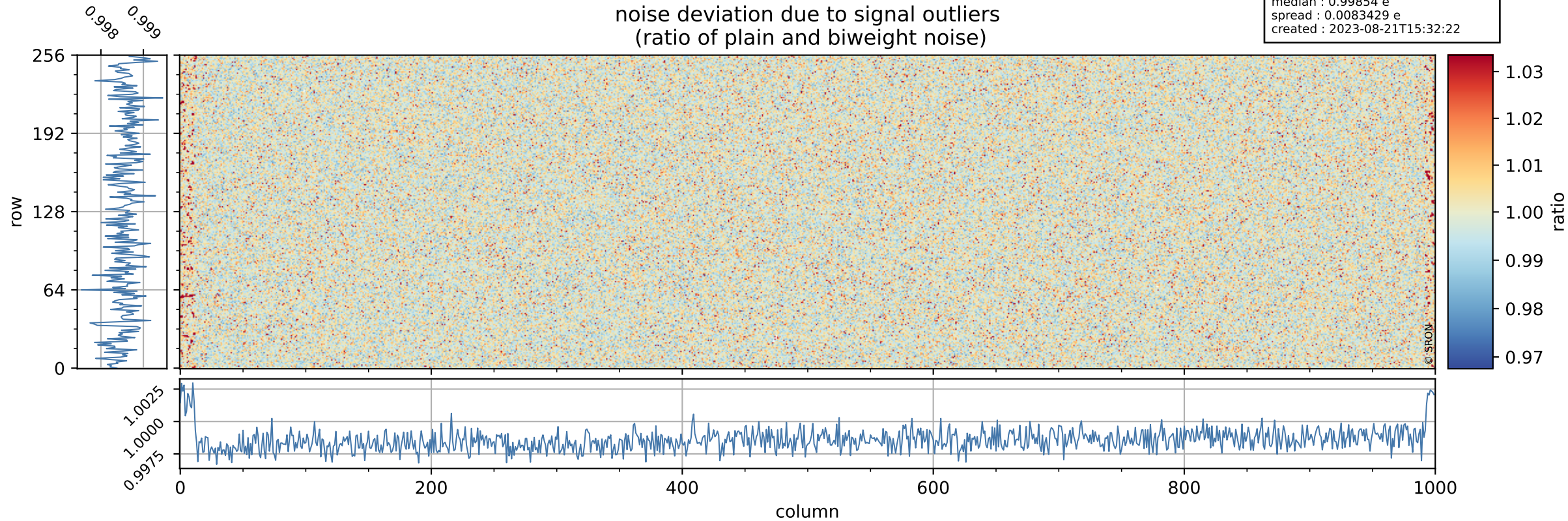
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

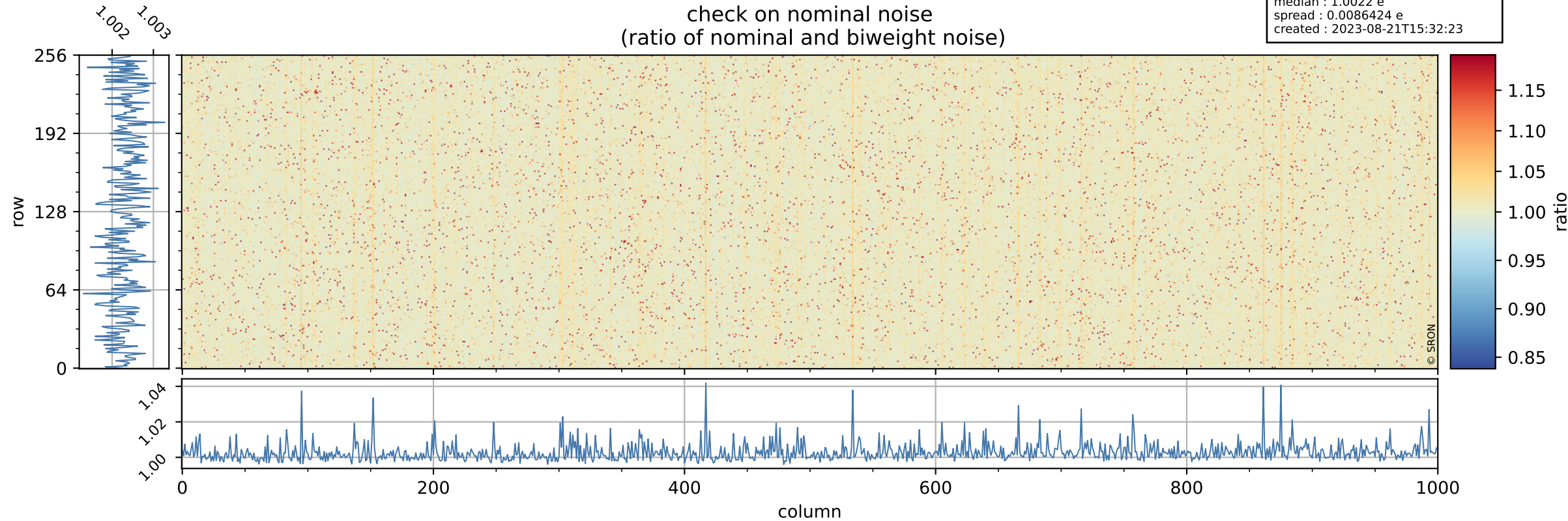
orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
median : 0.99854 e
spread : 0.0083429 e
created : 2023-08-21T15:32:22



Tropomi SWIR background noise (swir)

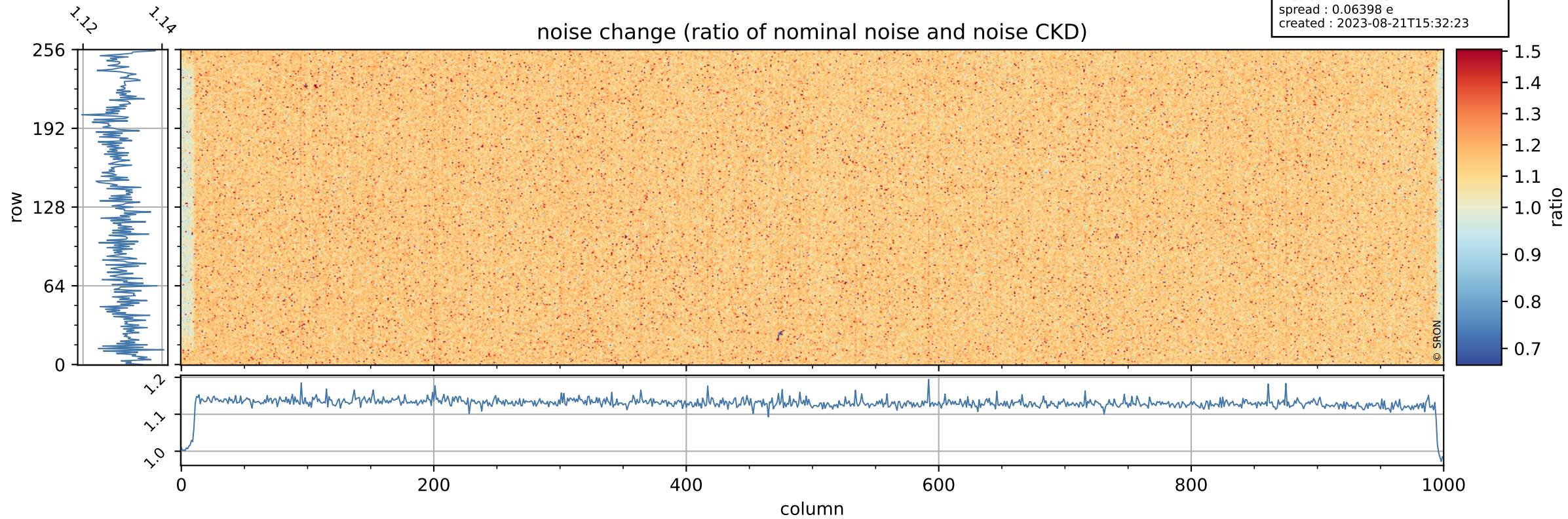
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
median : 1.0022 e
spread : 0.0086424 e
created : 2023-08-21T15:32:23



Tropomi SWIR background noise (swir)

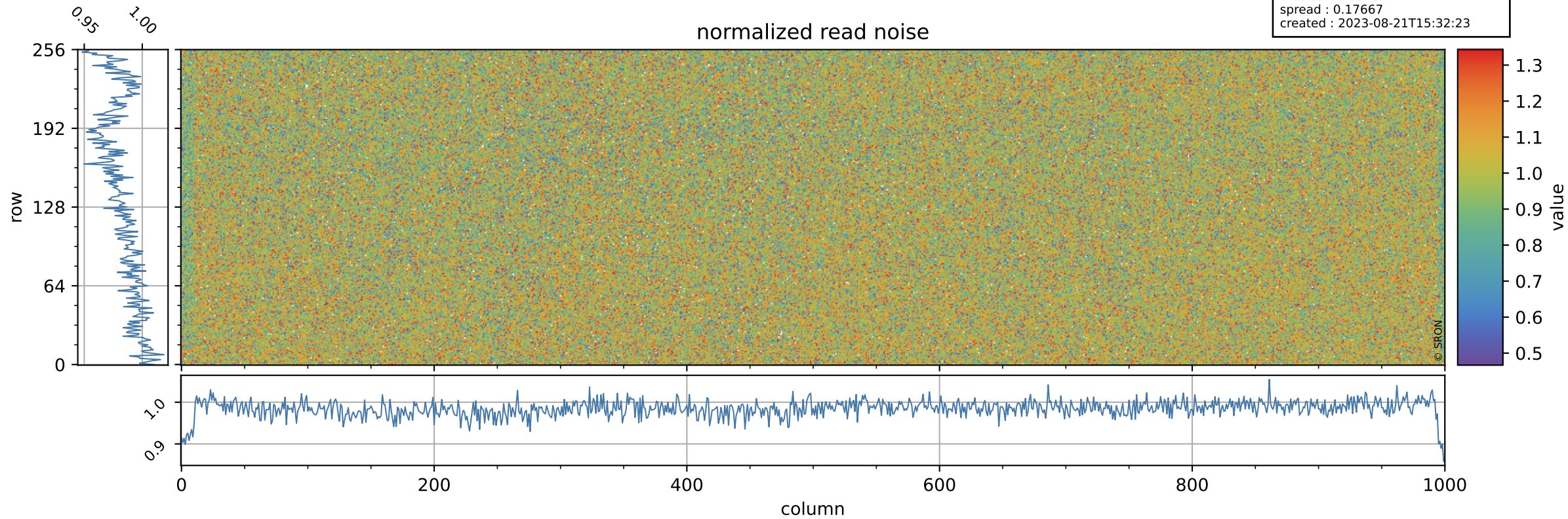
orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
median : 1.1291 e
spread : 0.06398 e
created : 2023-08-21T15:32:23



Tropomi SWIR background noise (swir)

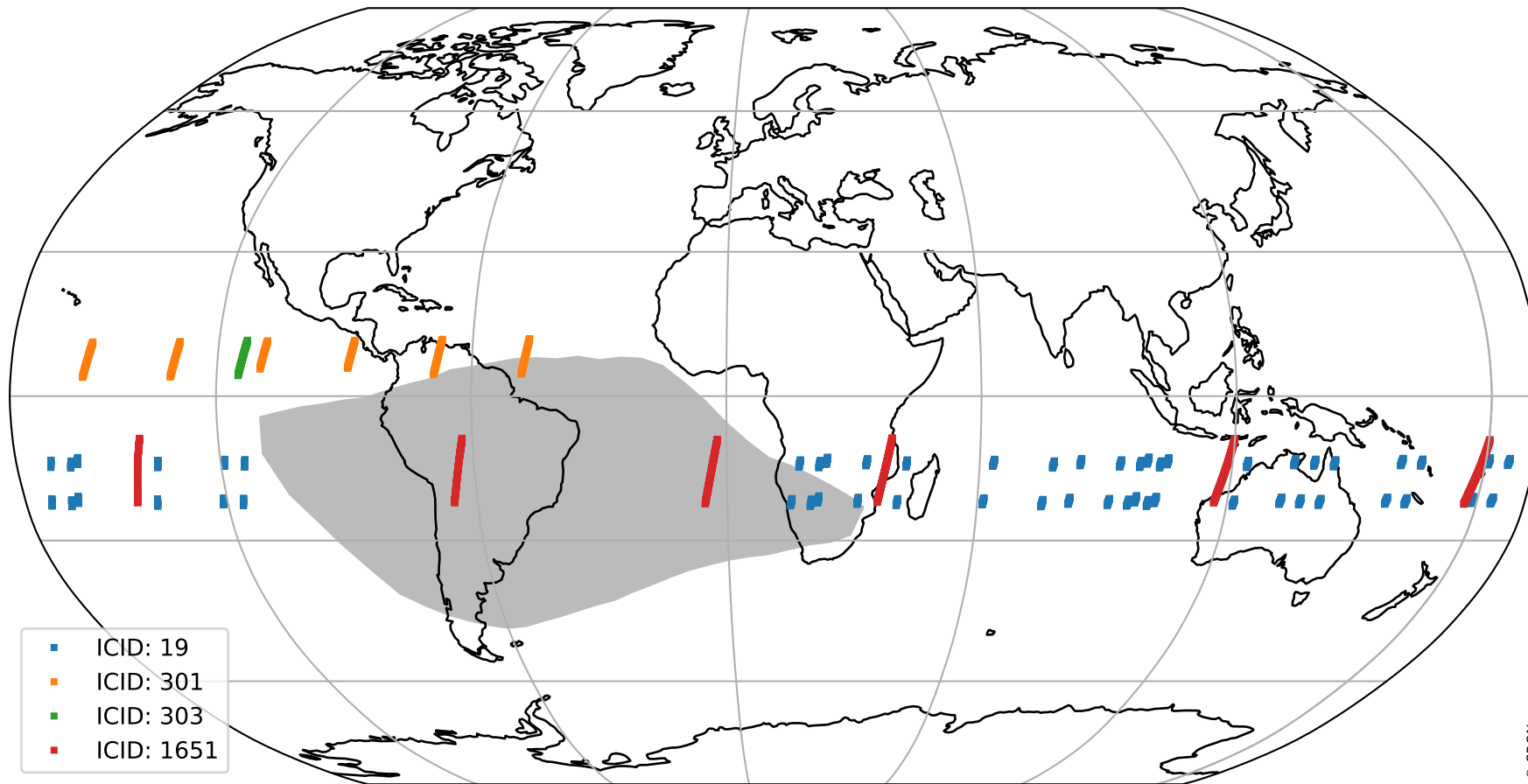
orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
median : 0.98264
spread : 0.17667
created : 2023-08-21T15:32:23

normalized read noise



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

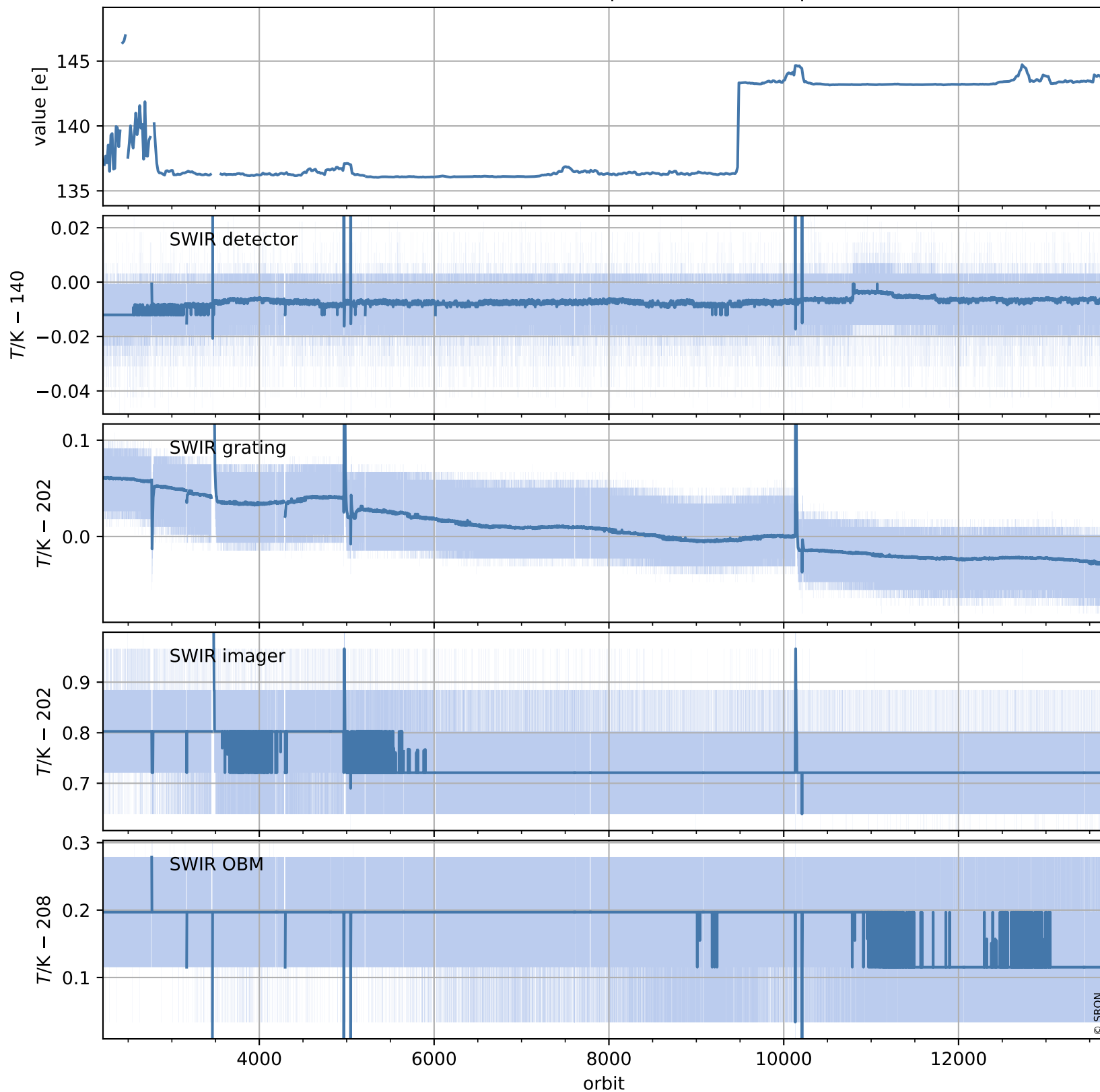
orbits : 13 in [13582, 13672]
coverage : 2020-05-28 / 2020-06-02
created : 2023-08-21T15:32:23



Tropomi SWIR background noise (swir)

orbits : [2212, 13672]
coverage : 2018-03-18 / 2020-06-02
created : 2023-08-21T15:32:24

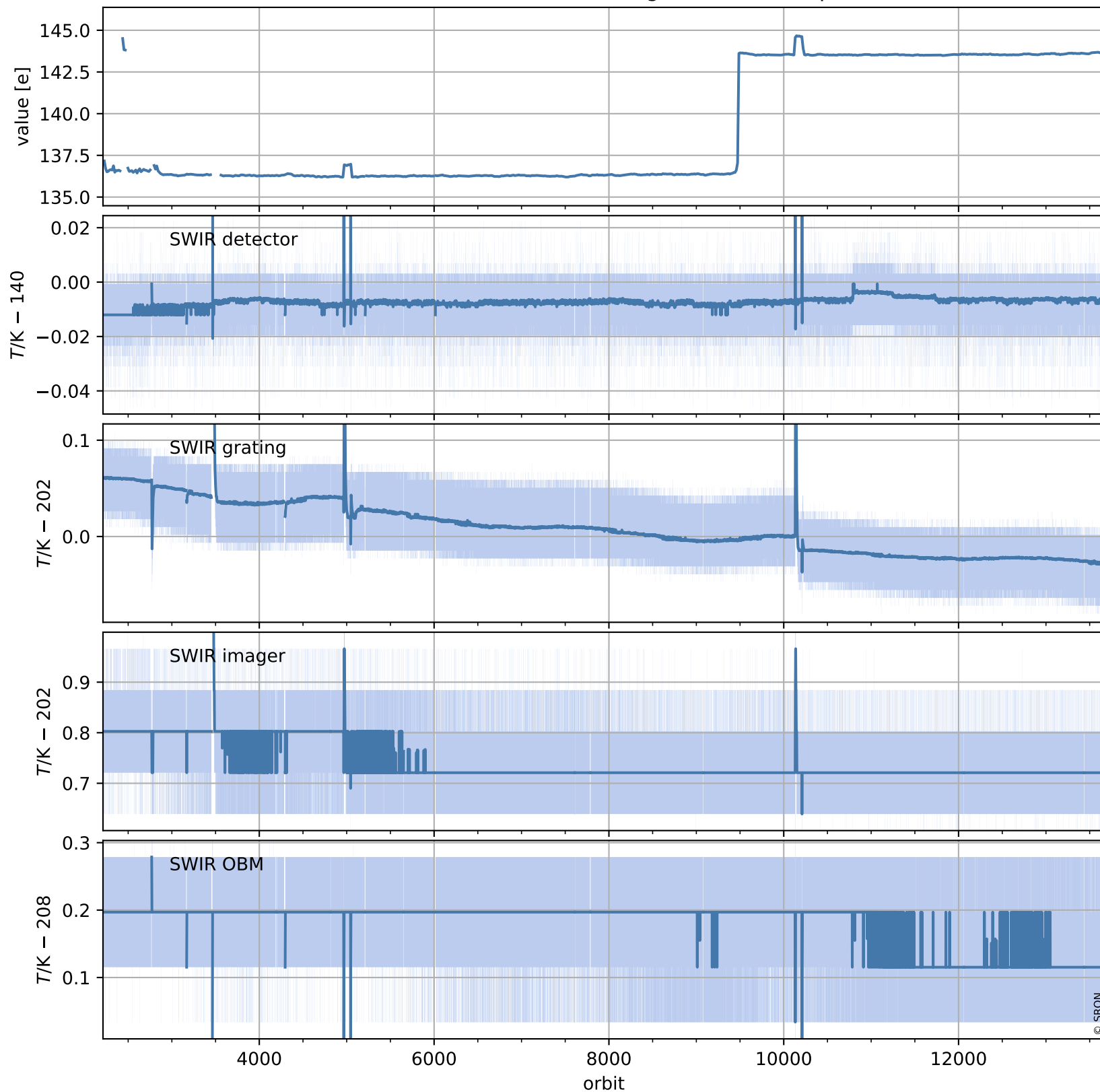
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13672]
coverage : 2018-03-18 / 2020-06-02
created : 2023-08-21T15:32:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13672]
coverage : 2018-03-18 / 2020-06-02
created : 2023-08-21T15:32:25

trend of normalized read-noise & temperatures

