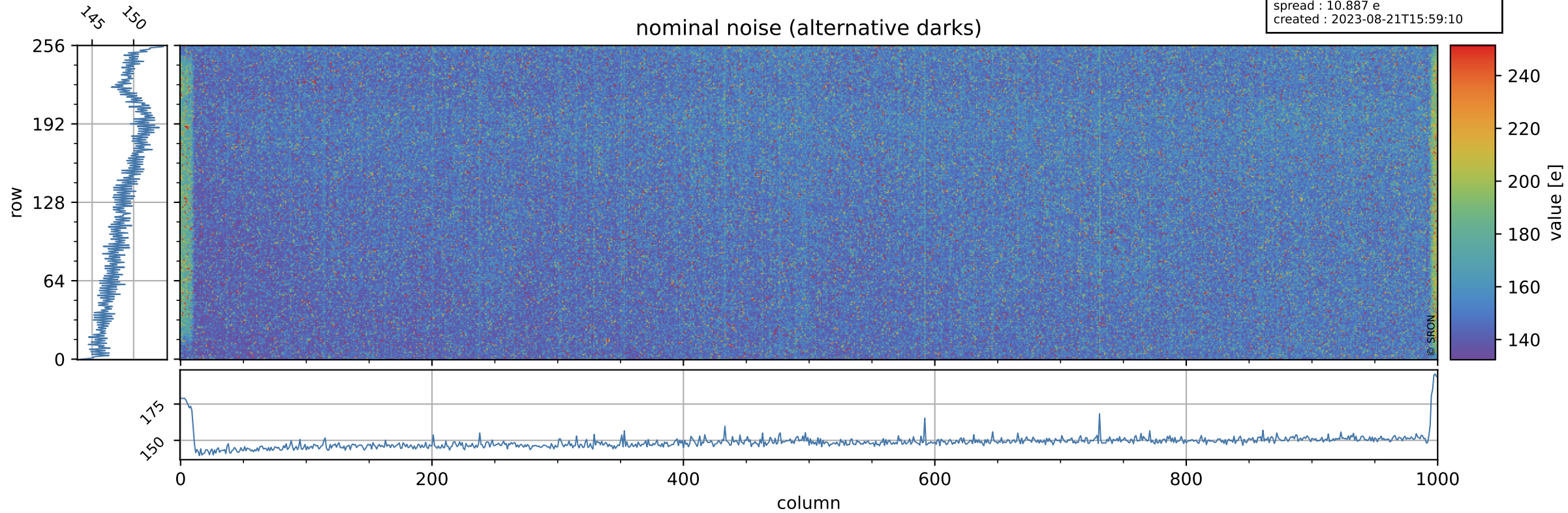


Tropomi SWIR background noise (swir)

orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.887 e
created : 2023-08-21T15:59:10

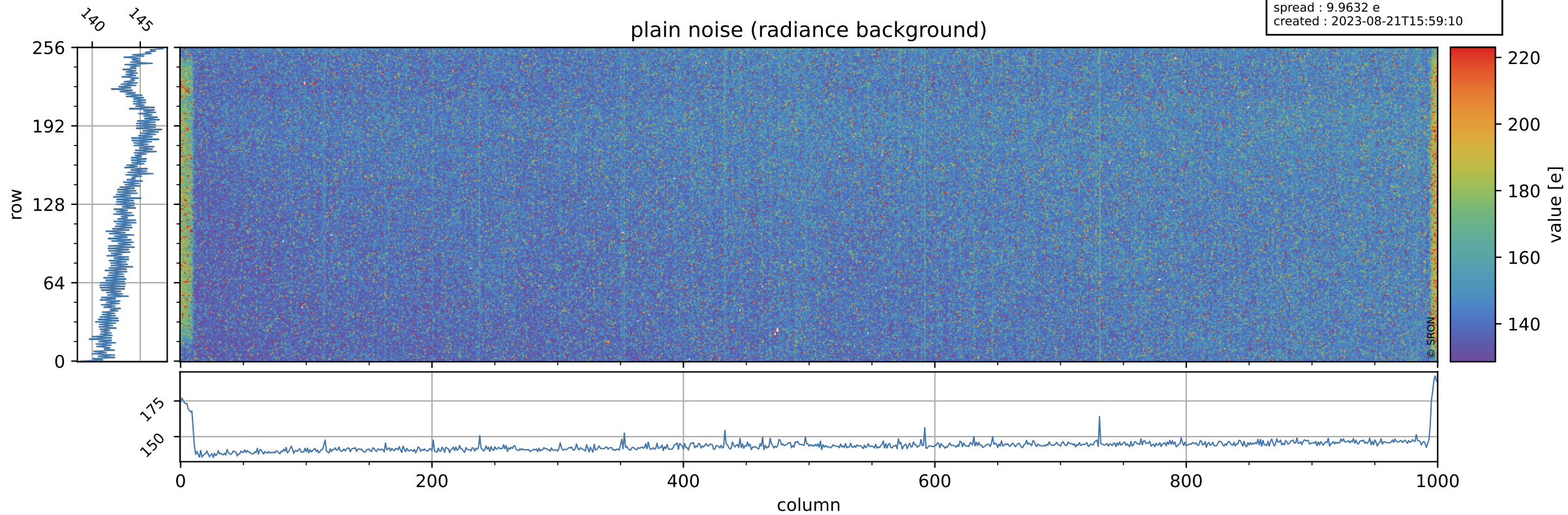
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9632 e
created : 2023-08-21T15:59:10

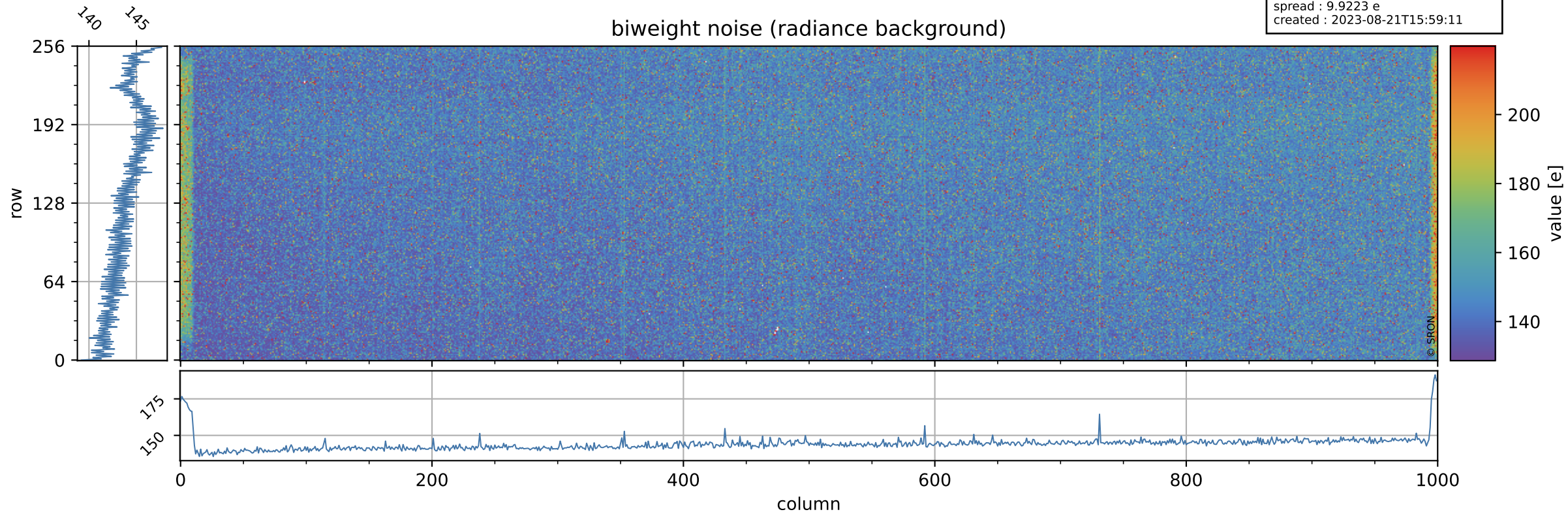
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9223 e
created : 2023-08-21T15:59:11

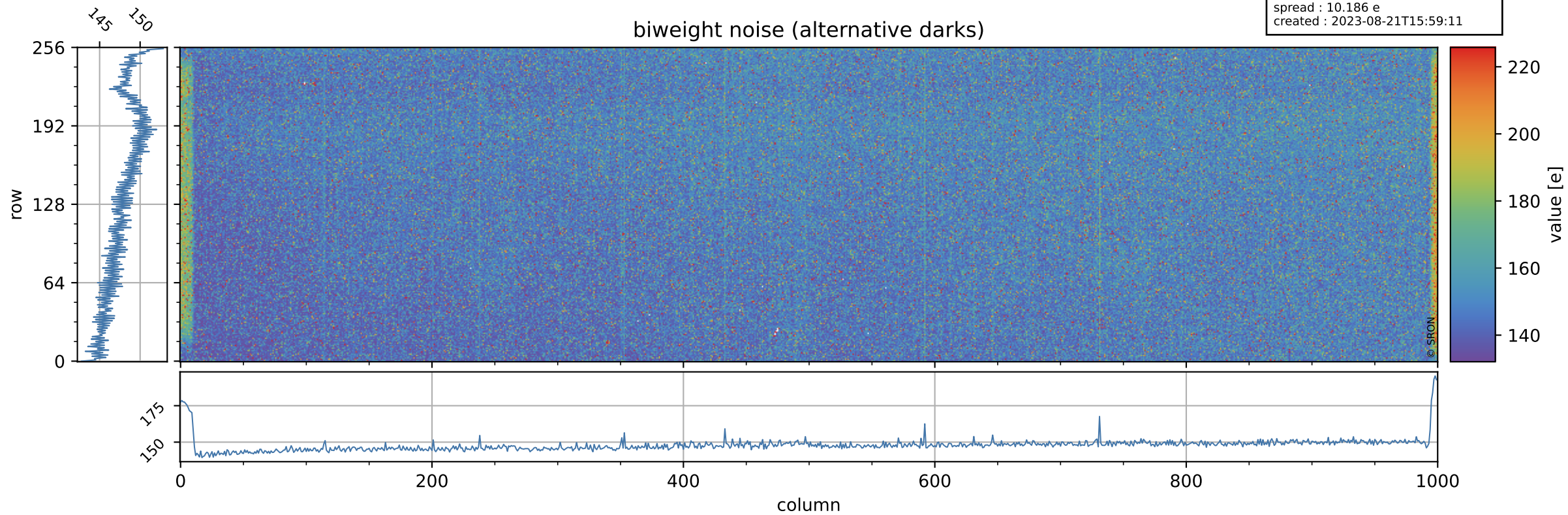
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.186 e
created : 2023-08-21T15:59:11

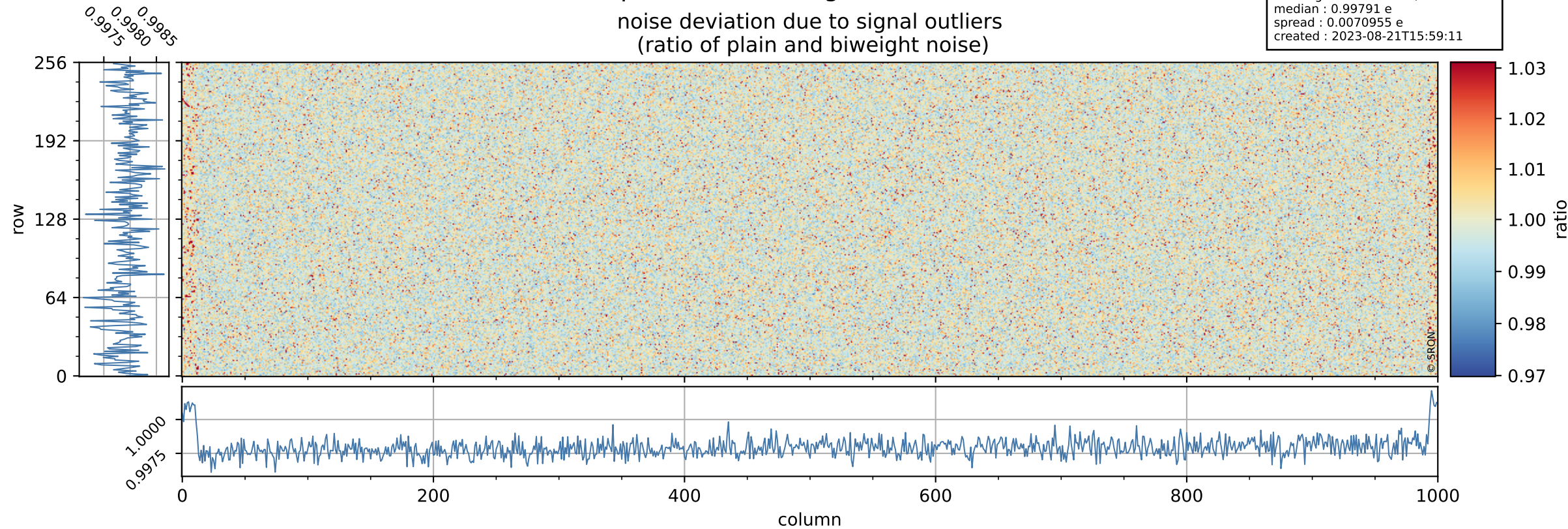
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

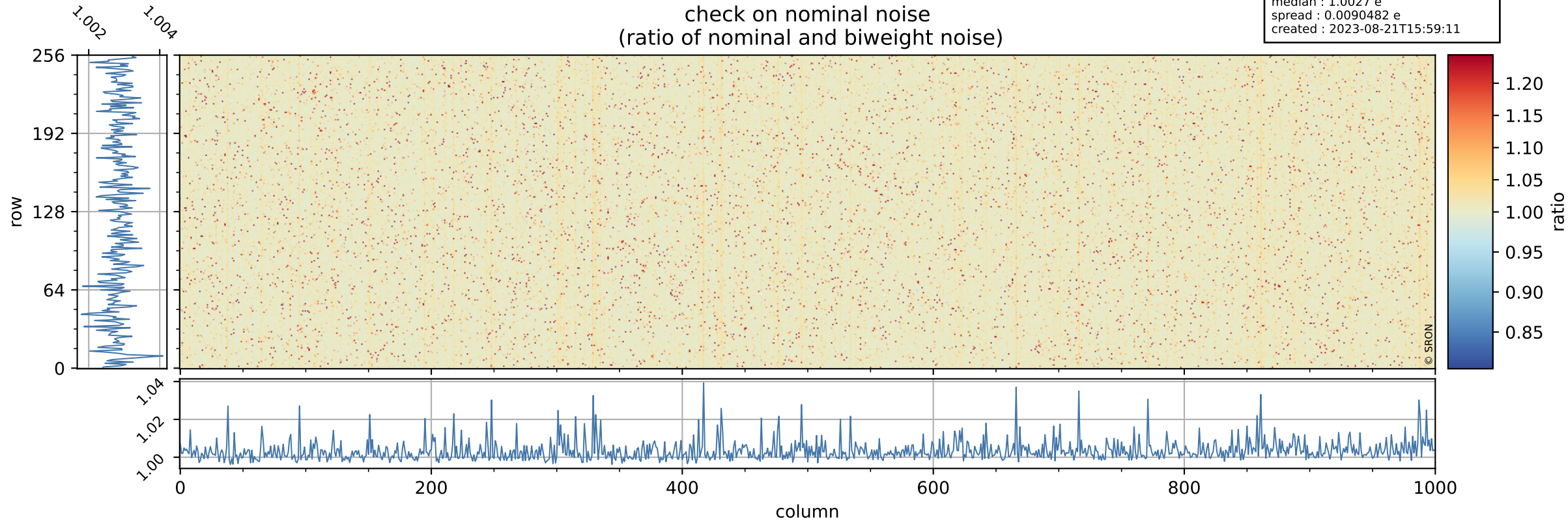
orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
median : 0.99791 e
spread : 0.0070955 e
created : 2023-08-21T15:59:11



Tropomi SWIR background noise (swir)

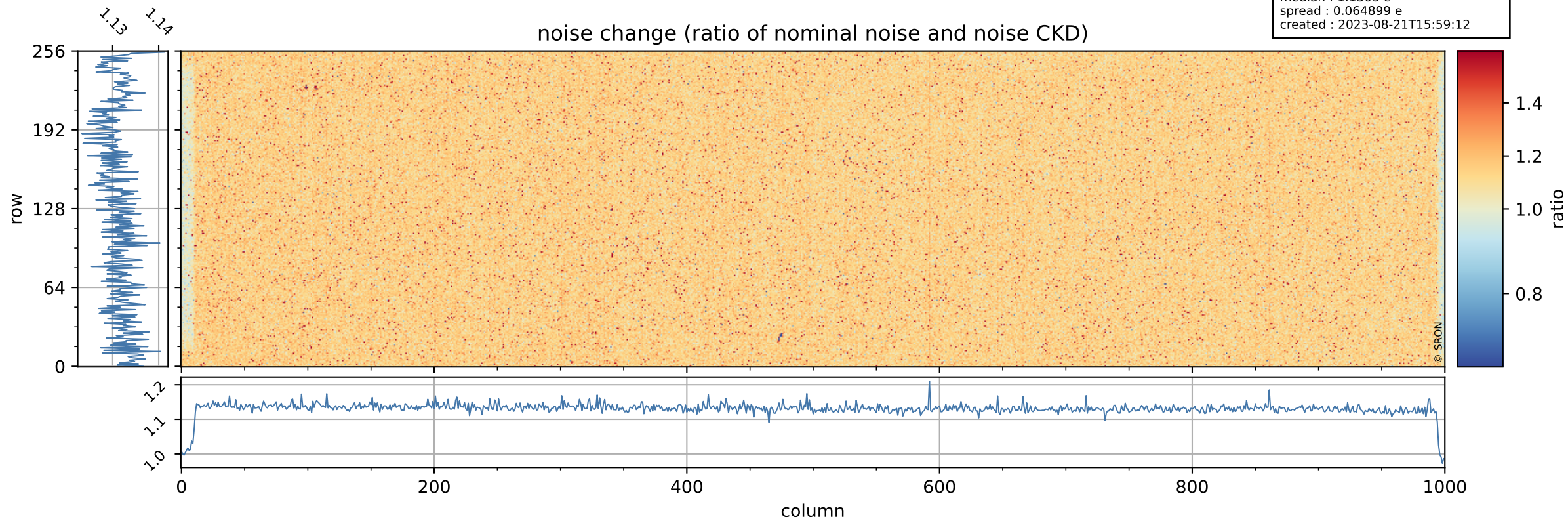
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
median : 1.0027 e
spread : 0.0090482 e
created : 2023-08-21T15:59:11



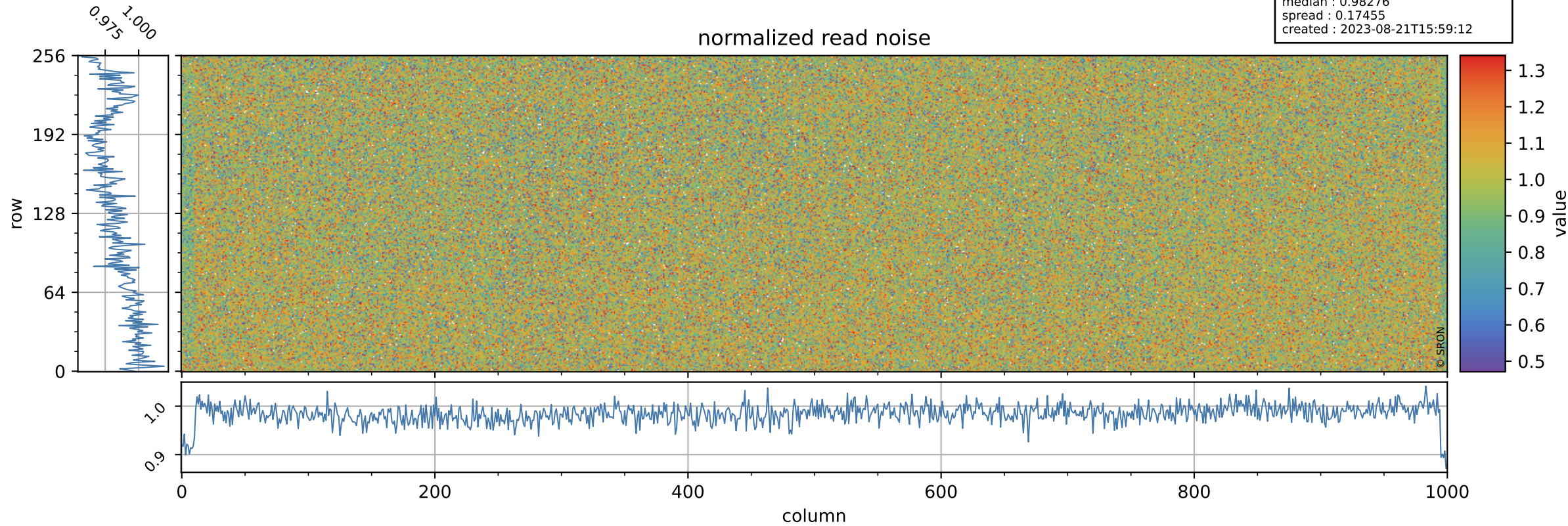
Tropomi SWIR background noise (swir)

orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
median : 1.1303 e
spread : 0.064899 e
created : 2023-08-21T15:59:12



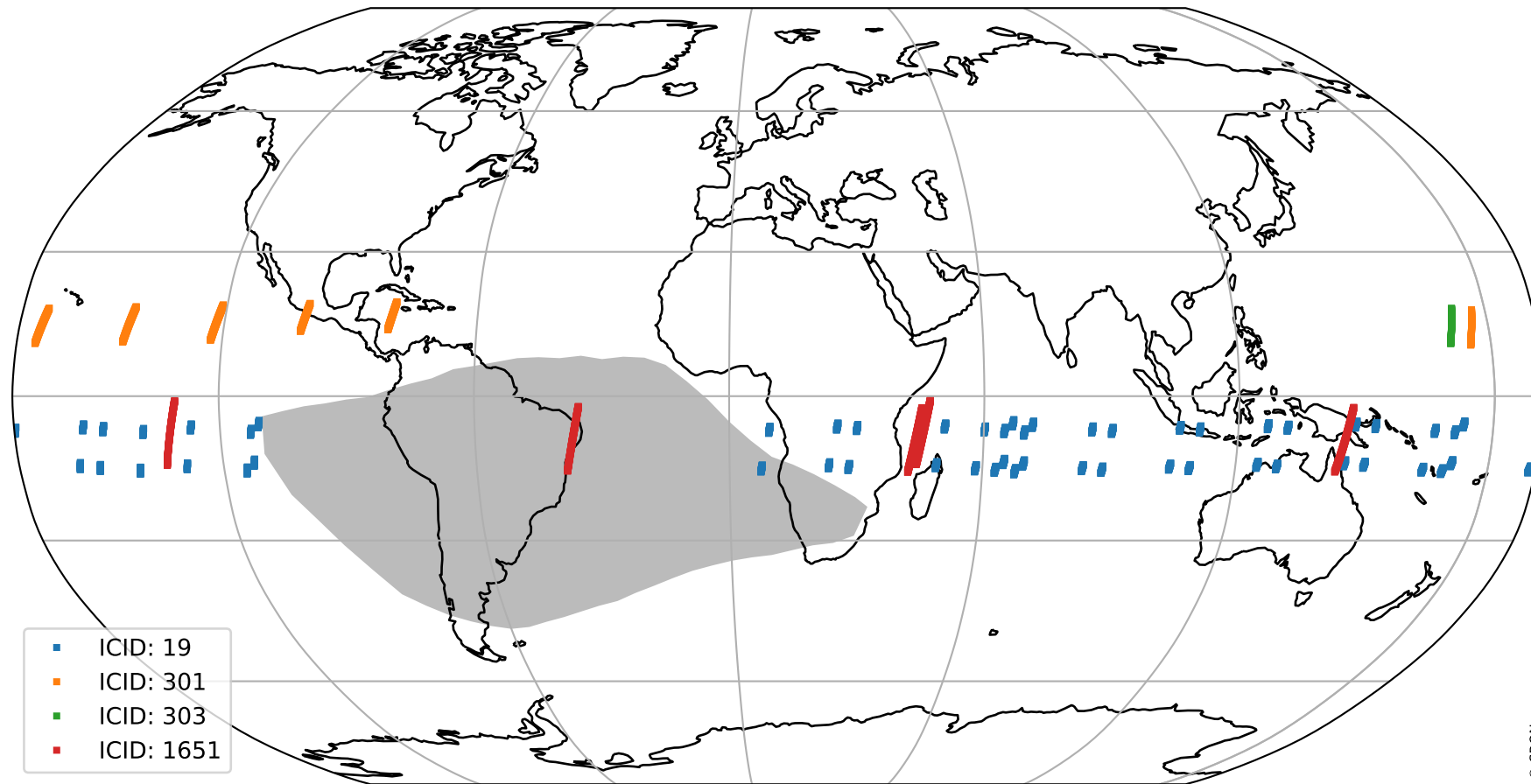
Tropomi SWIR background noise (swir)

orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
median : 0.98276
spread : 0.17455
created : 2023-08-21T15:59:12



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

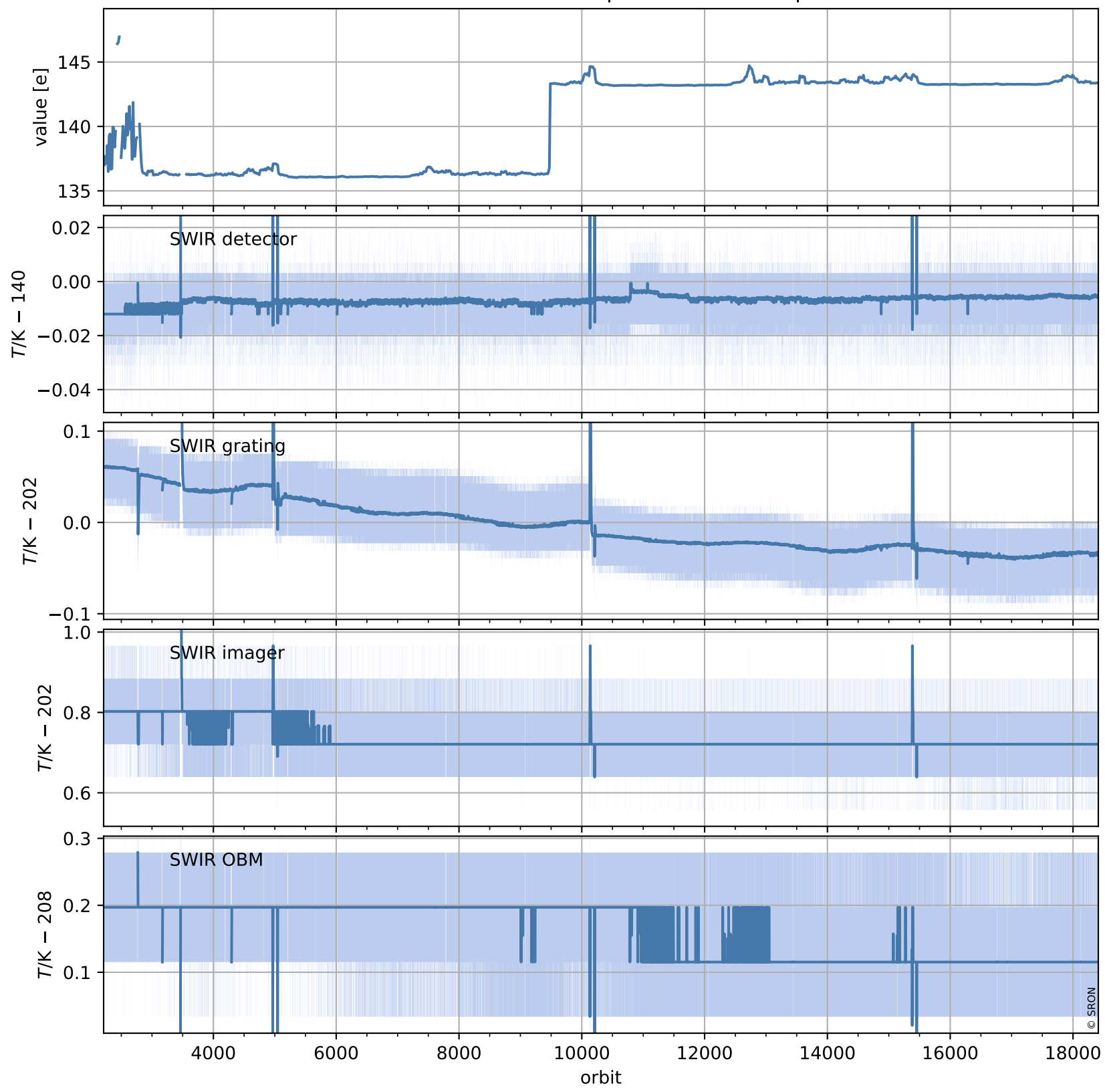
orbits : 12 in [18322, 18412]
coverage : 2021-04-27 / 2021-05-02
created : 2023-08-21T15:59:13



Tropomi SWIR background noise (swir)

orbits : [2212, 18412]
coverage : 2018-03-18 / 2021-05-02
created : 2023-08-21T15:59:13

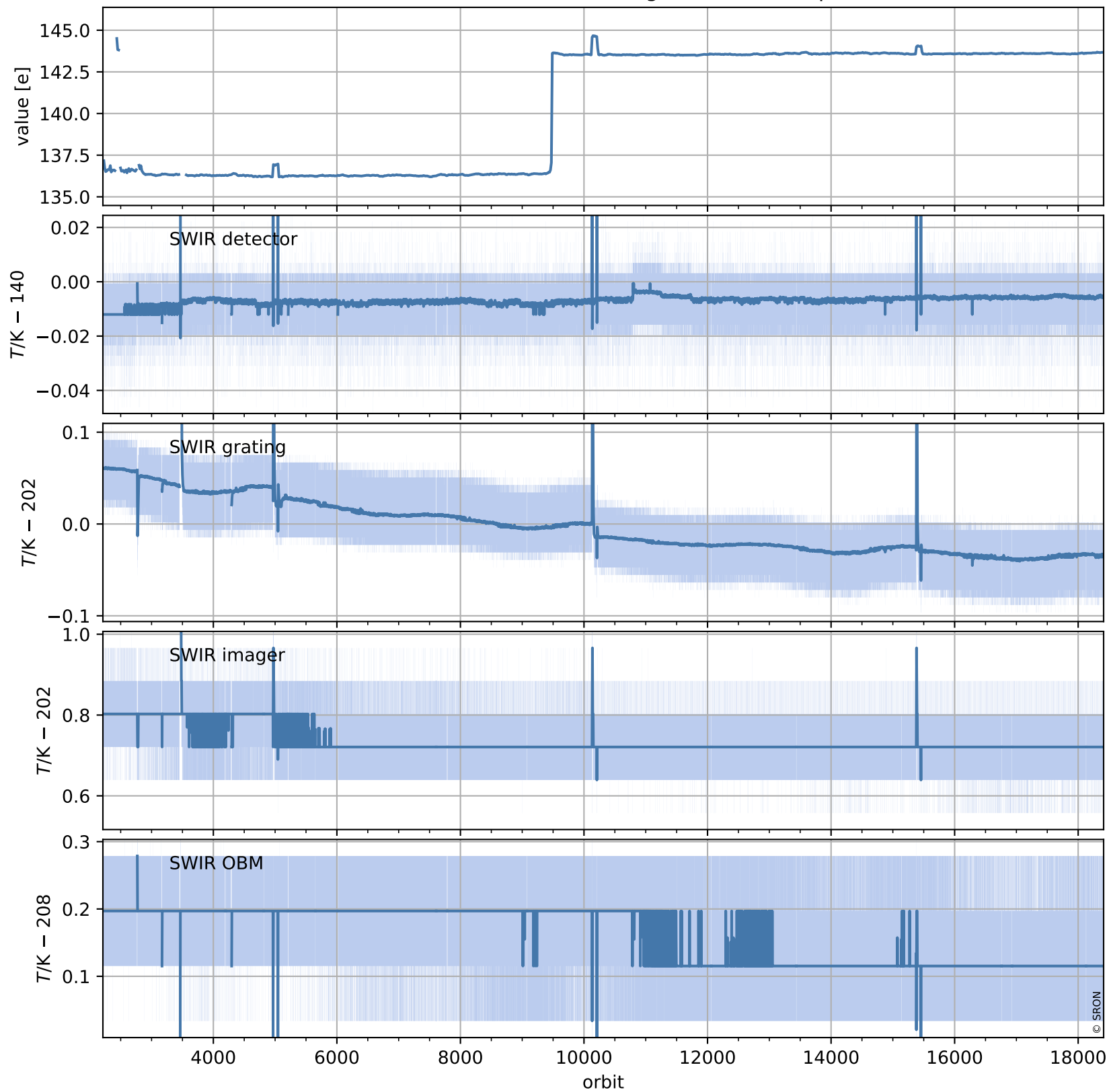
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18412]
coverage : 2018-03-18 / 2021-05-02
created : 2023-08-21T15:59:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18412]
coverage : 2018-03-18 / 2021-05-02
created : 2023-08-21T15:59:14

trend of normalized read-noise & temperatures

