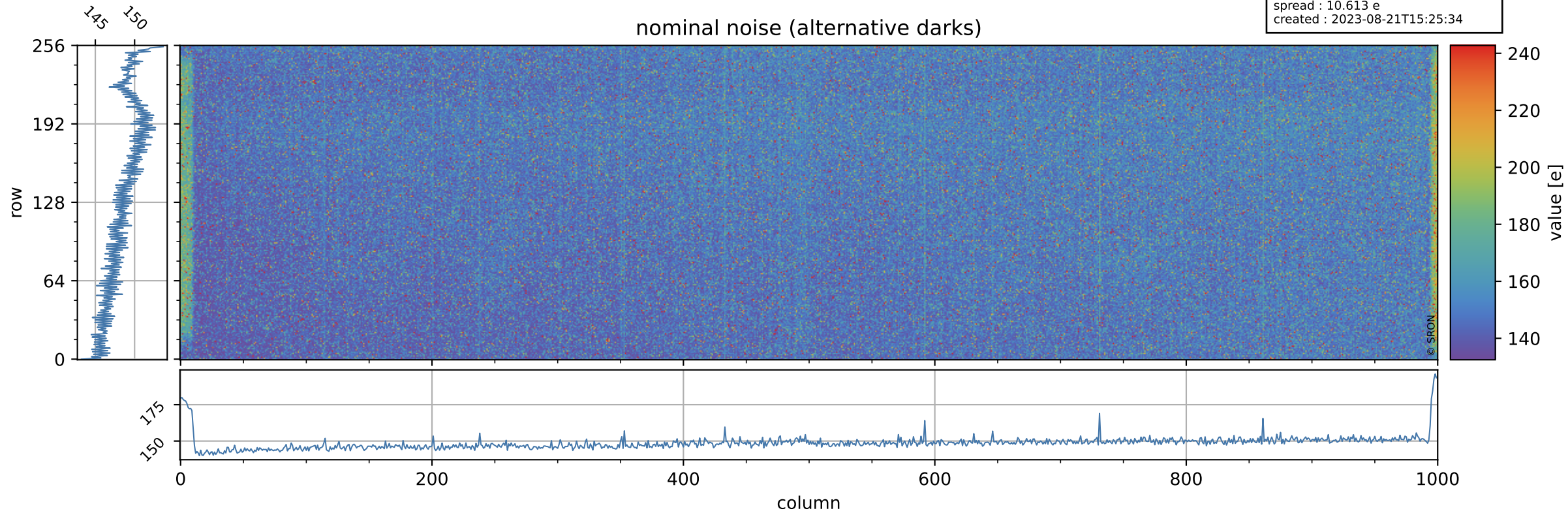


Tropomi SWIR background noise (swir)

orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
n_coad, t_exp : 1, 1.0783
median : 148.48 e
spread : 10.613 e
created : 2023-08-21T15:25:34

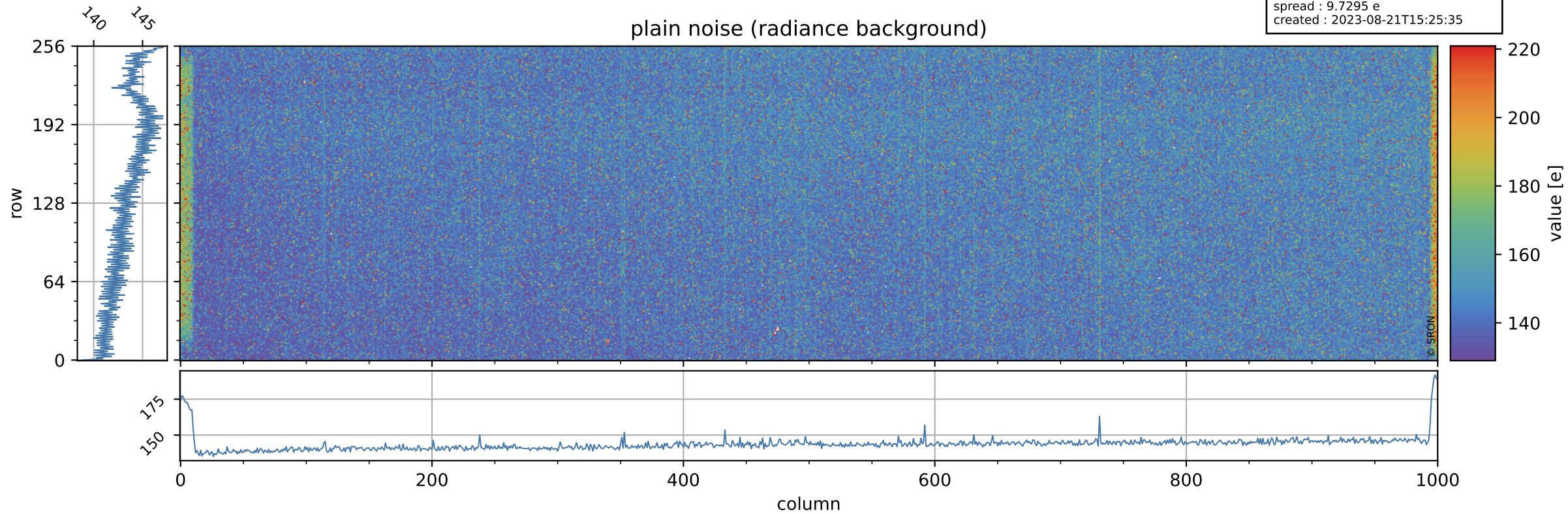
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
n_coad, t_exp : 1, 0.8383
median : 143.39 e
spread : 9.7295 e
created : 2023-08-21T15:25:35

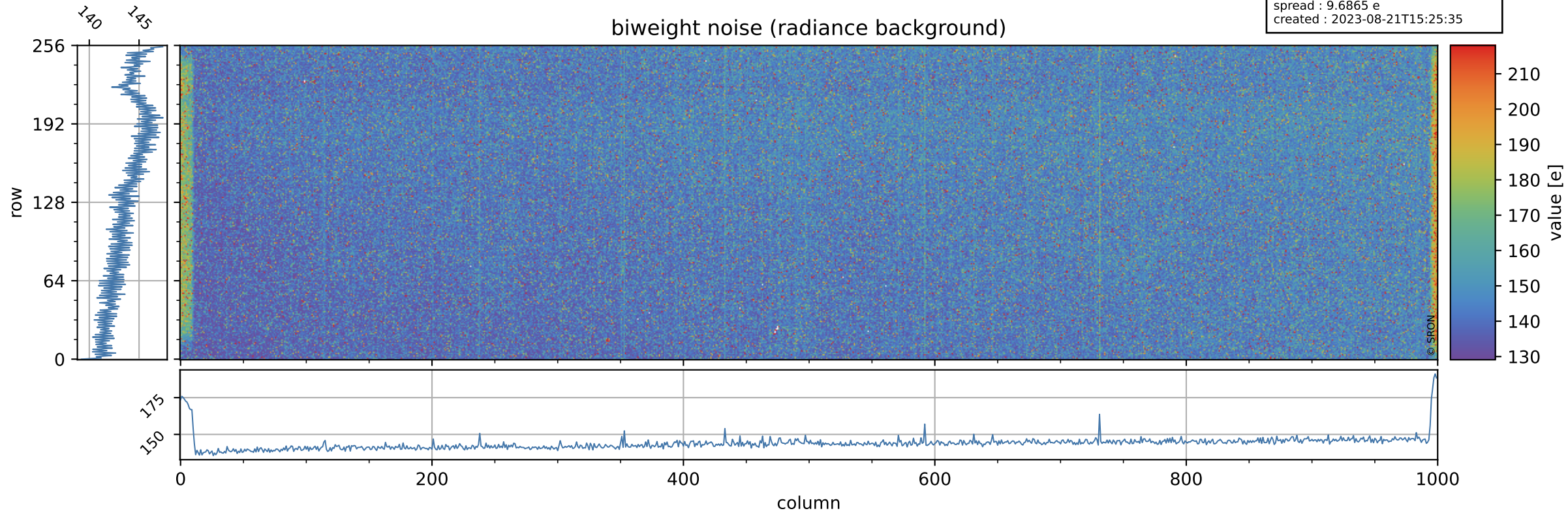
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.6865 e
created : 2023-08-21T15:25:35

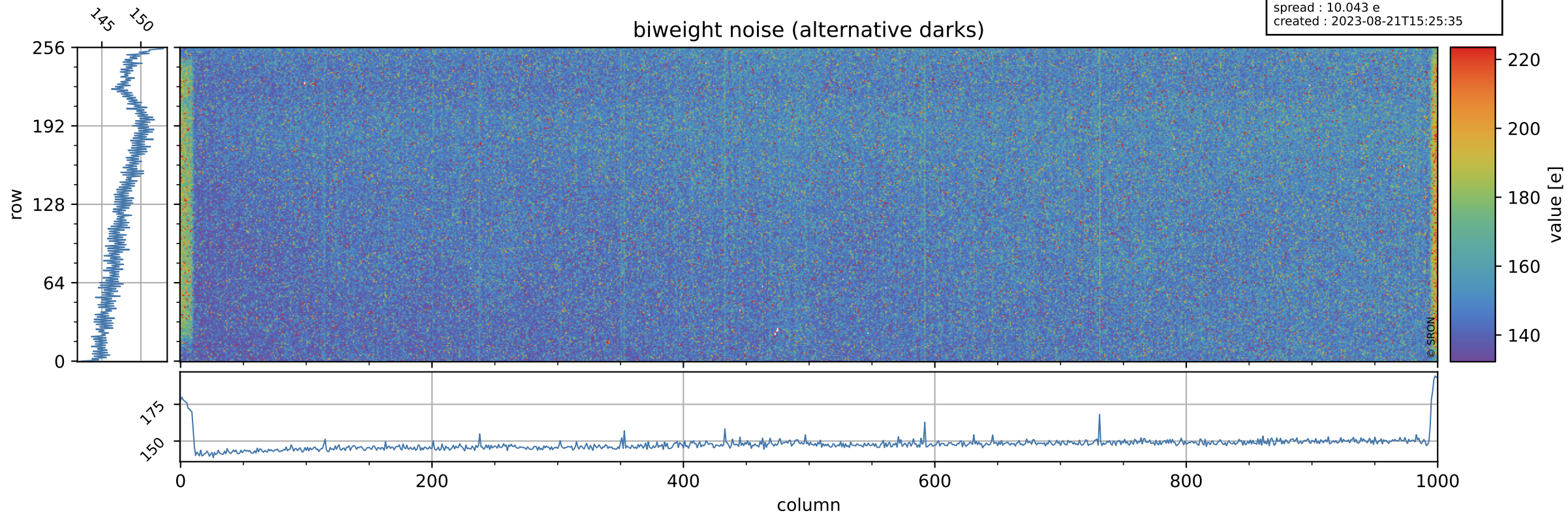
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.043 e
created : 2023-08-21T15:25:35

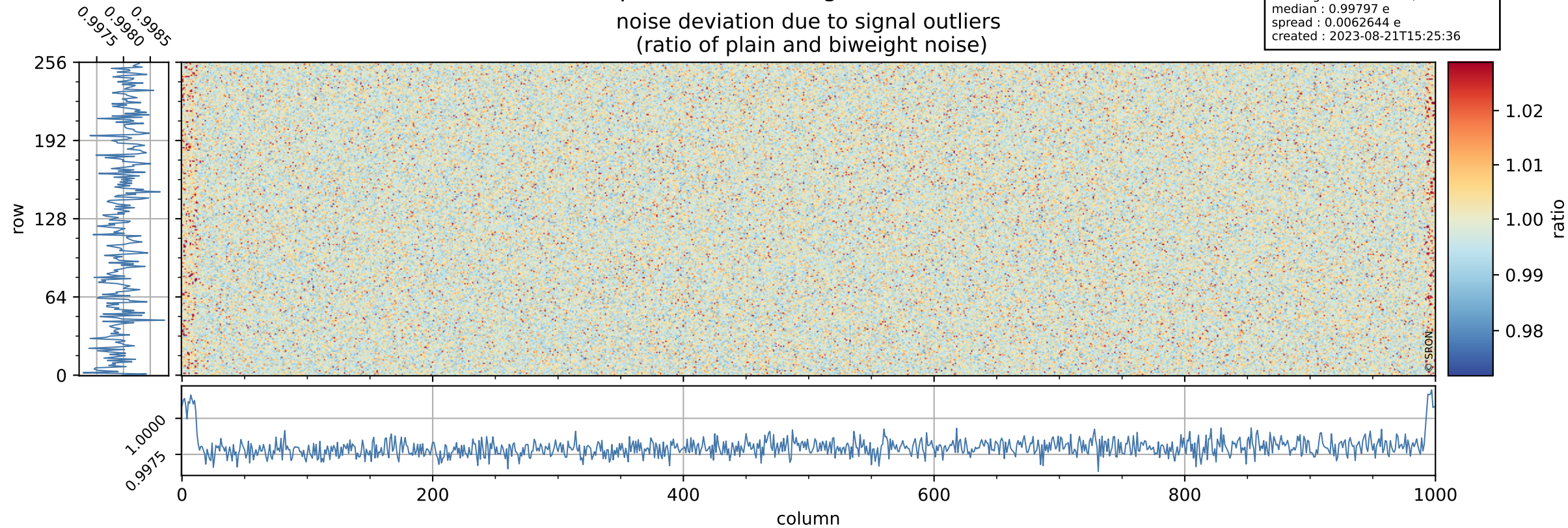
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

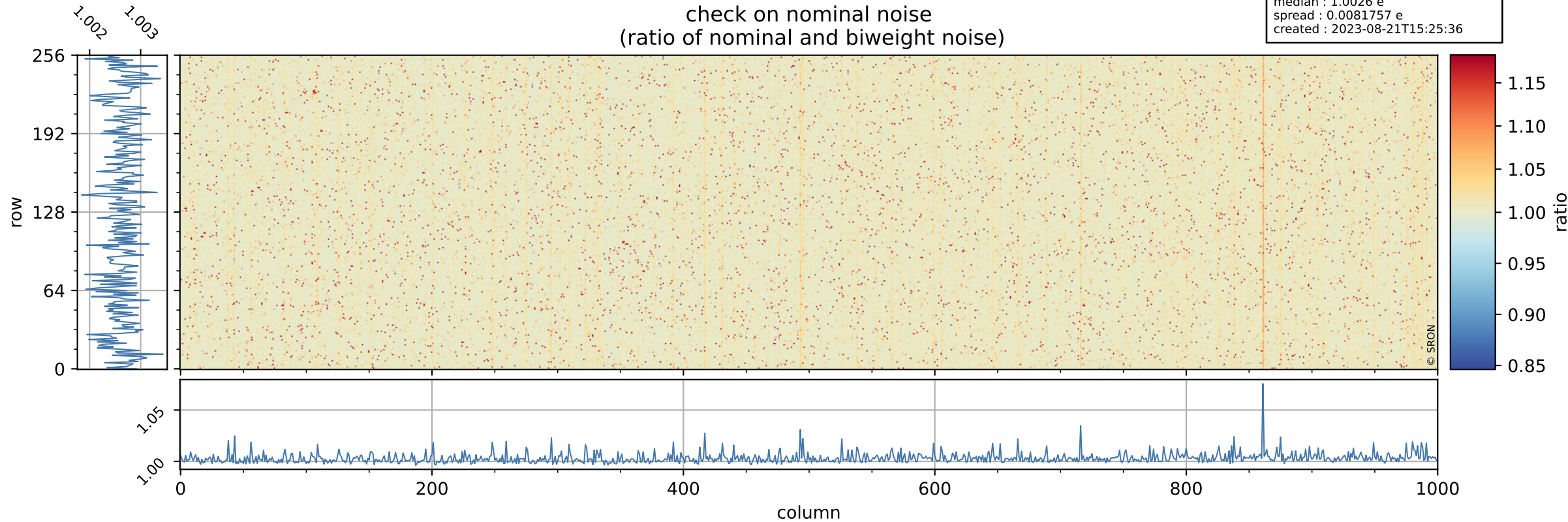
orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
median : 0.99797 e
spread : 0.0062644 e
created : 2023-08-21T15:25:36



Tropomi SWIR background noise (swir)

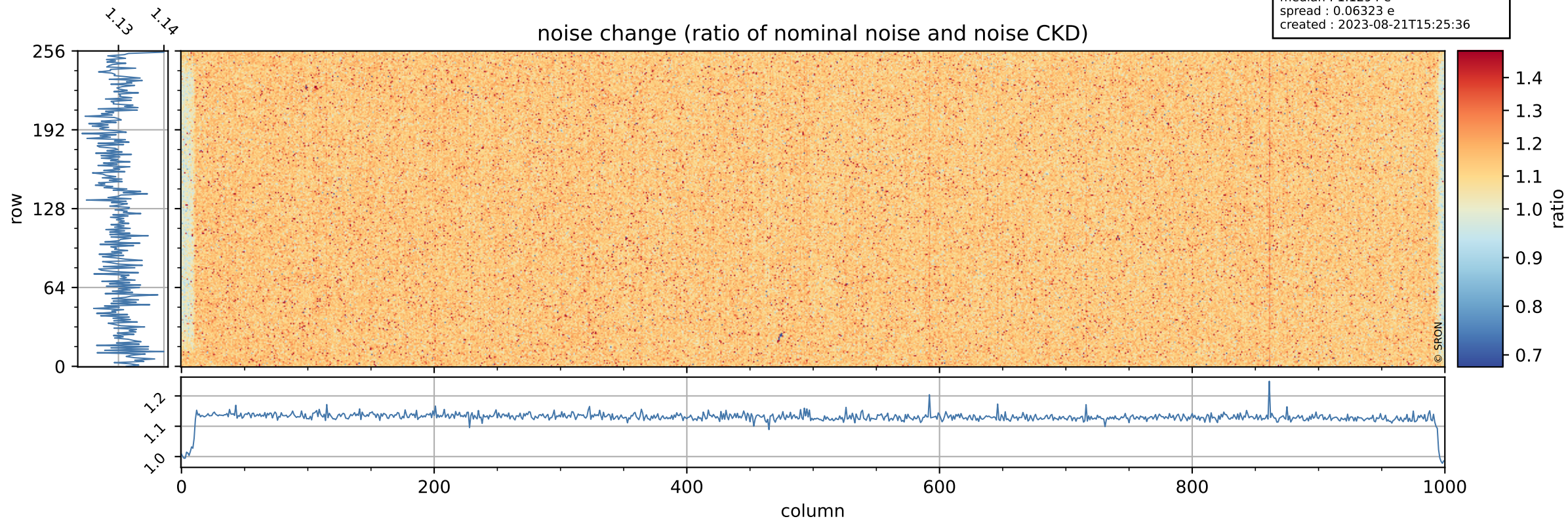
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
median : 1.0026 e
spread : 0.0081757 e
created : 2023-08-21T15:25:36



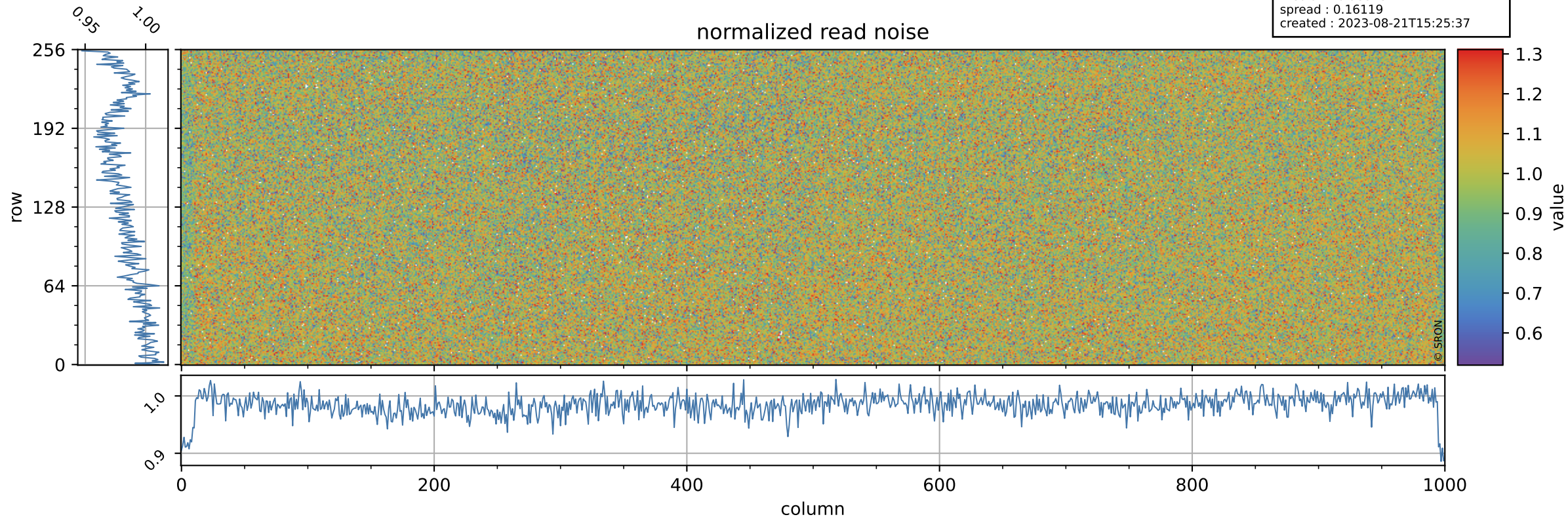
Tropomi SWIR background noise (swir)

orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
median : 1.1294 e
spread : 0.06323 e
created : 2023-08-21T15:25:36



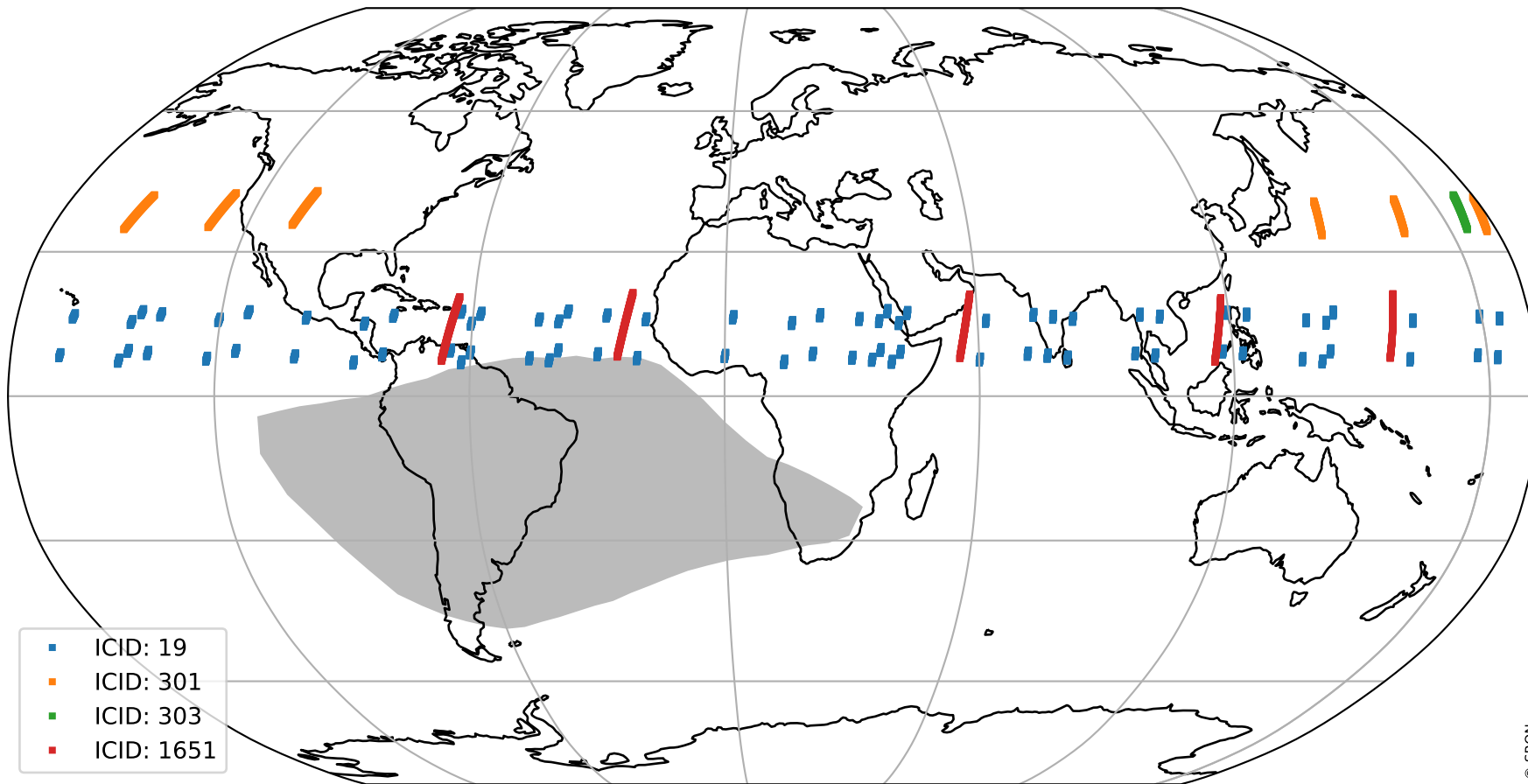
Tropomi SWIR background noise (swir)

orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
median : 0.98313
spread : 0.16119
created : 2023-08-21T15:25:37



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

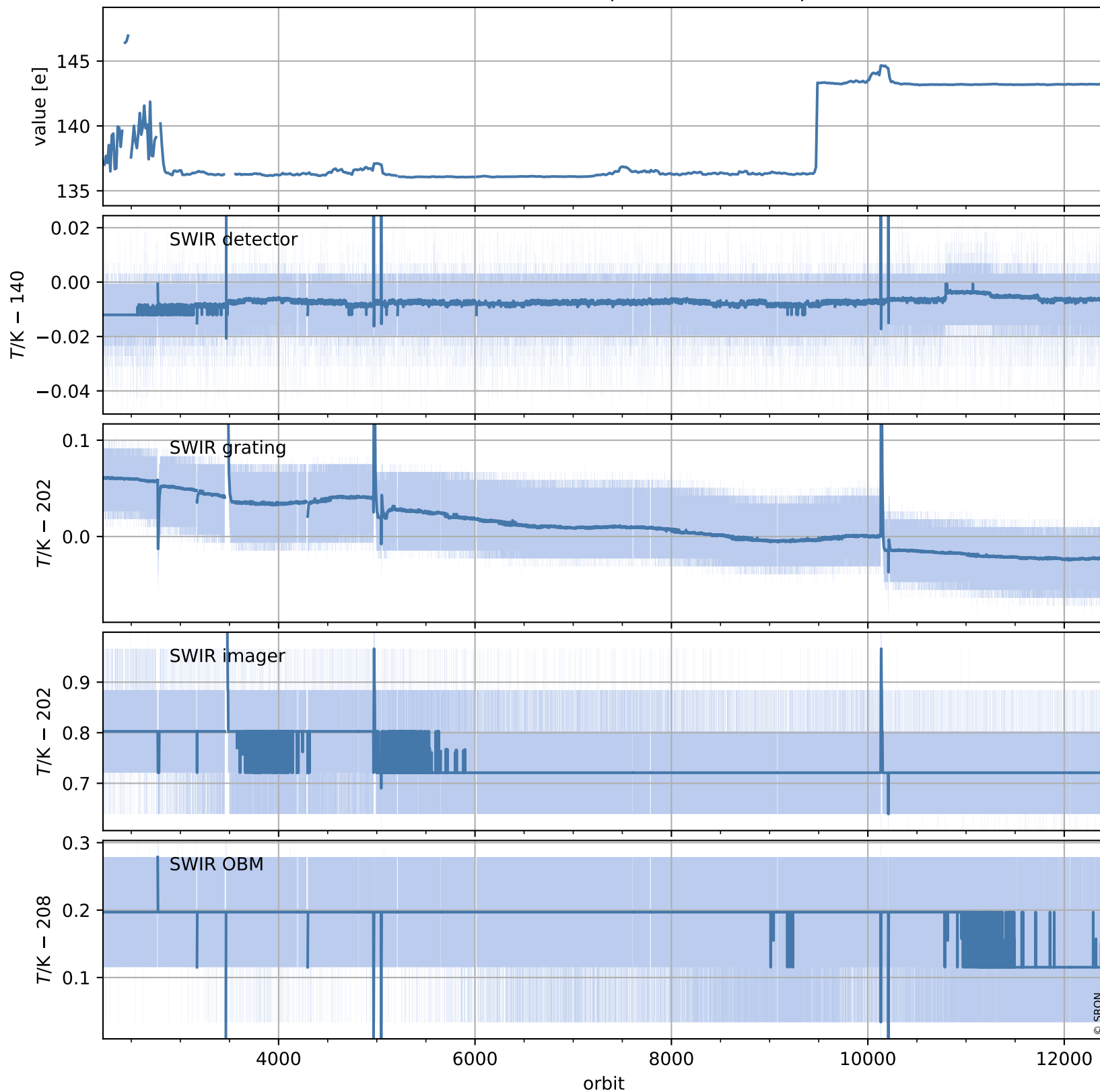
orbits : 12 in [12322, 12412]
coverage : 2020-02-29 / 2020-03-05
created : 2023-08-21T15:25:37



Tropomi SWIR background noise (swir)

orbits : [2212, 12412]
coverage : 2018-03-18 / 2020-03-05
created : 2023-08-21T15:25:37

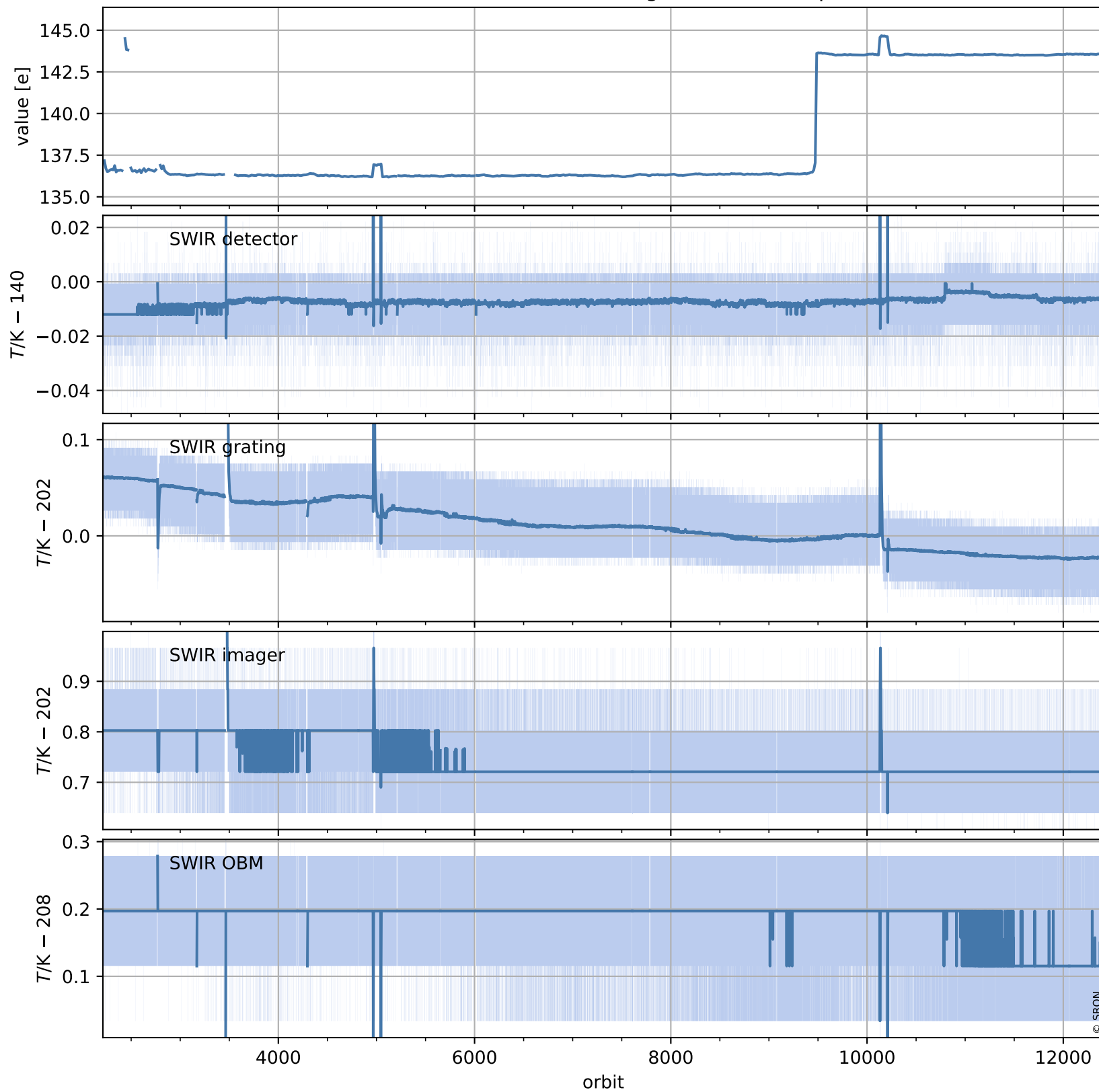
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12412]
coverage : 2018-03-18 / 2020-03-05
created : 2023-08-21T15:25:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12412]
coverage : 2018-03-18 / 2020-03-05
created : 2023-08-21T15:25:38

trend of normalized read-noise & temperatures

