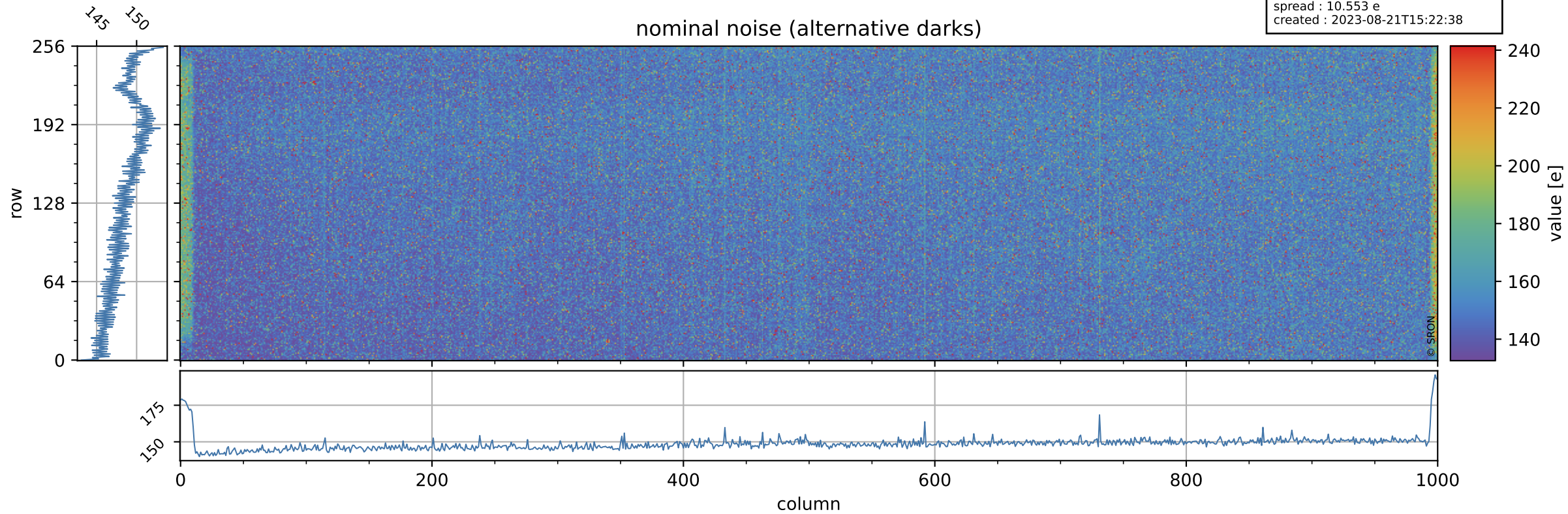


Tropomi SWIR background noise (swir)

orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.553 e
created : 2023-08-21T15:22:38

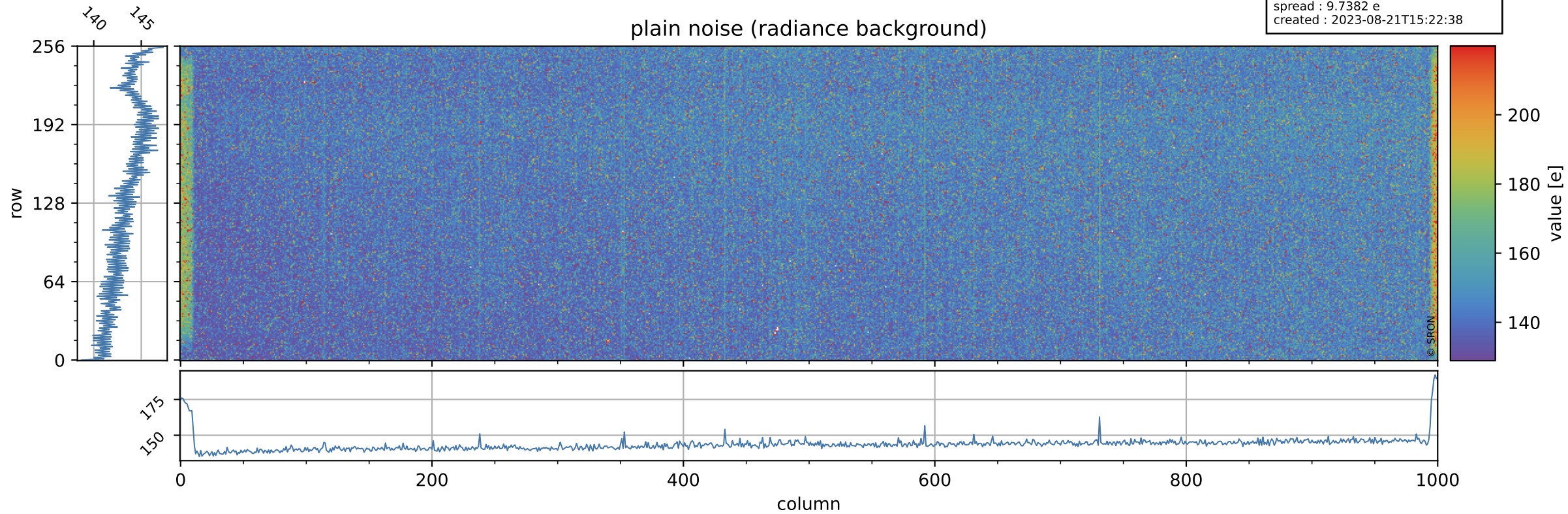
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
n_coad, t_exp : 1, 0.8383
median : 143.34 e
spread : 9.7382 e
created : 2023-08-21T15:22:38

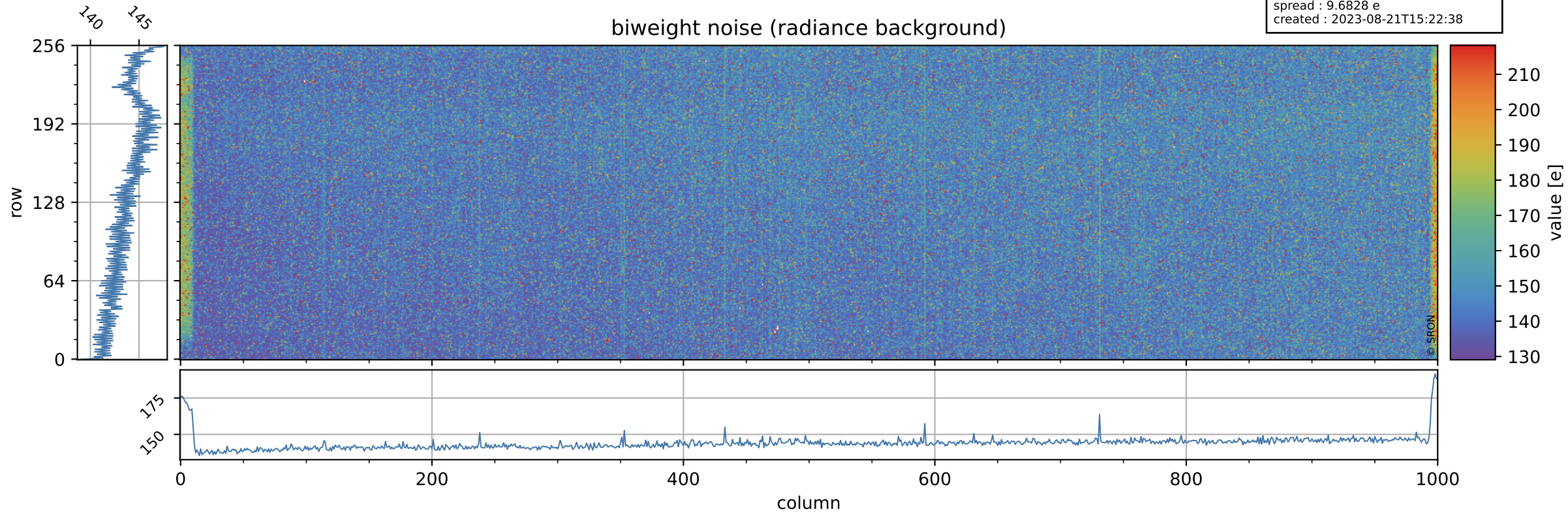
plain noise (radiance background)



Tropomi SWIR background noise (swir)

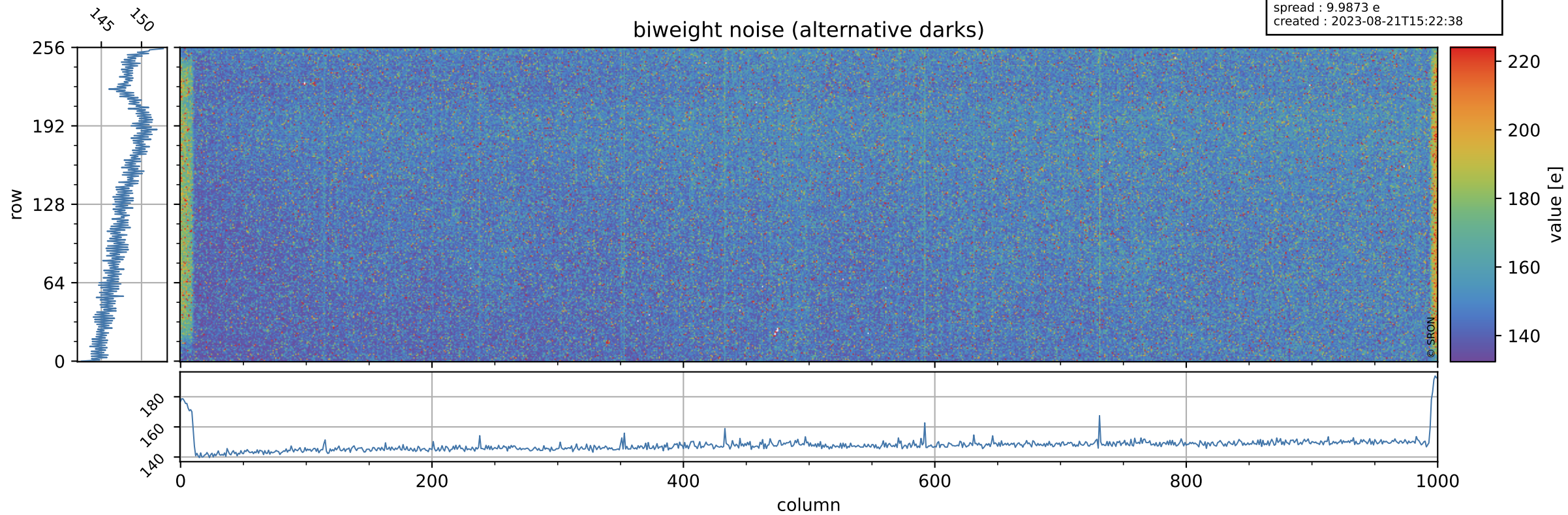
orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6828 e
created : 2023-08-21T15:22:38

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

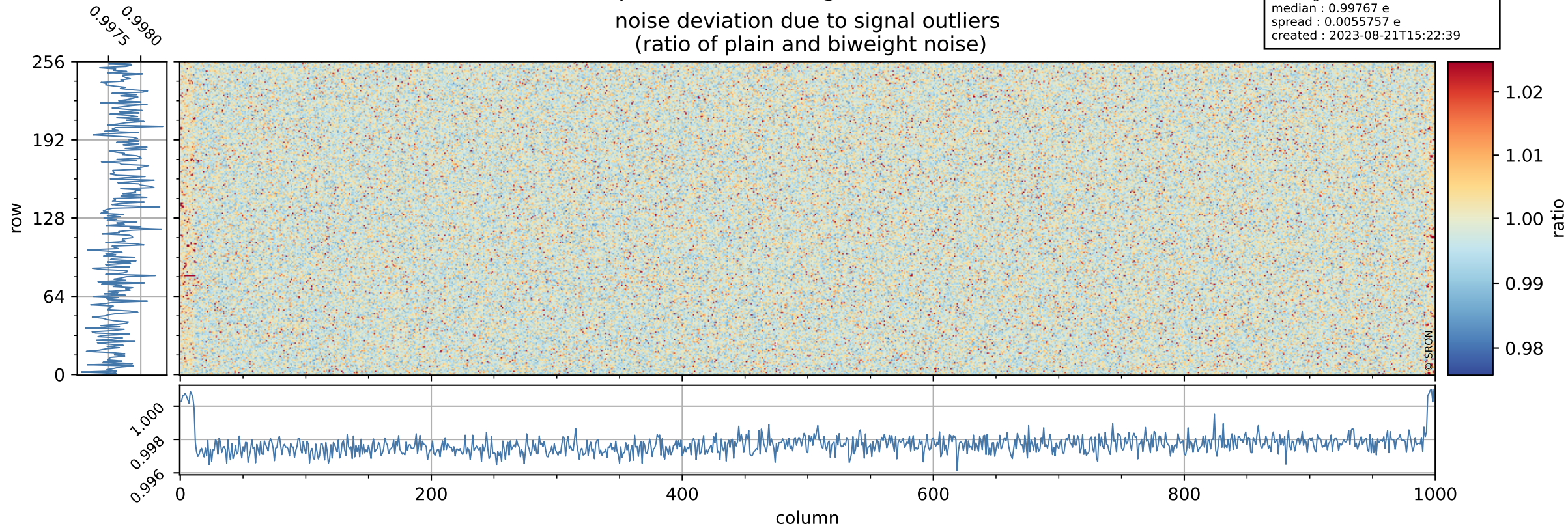
orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 9.9873 e
created : 2023-08-21T15:22:38



Tropomi SWIR background noise (swir)

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

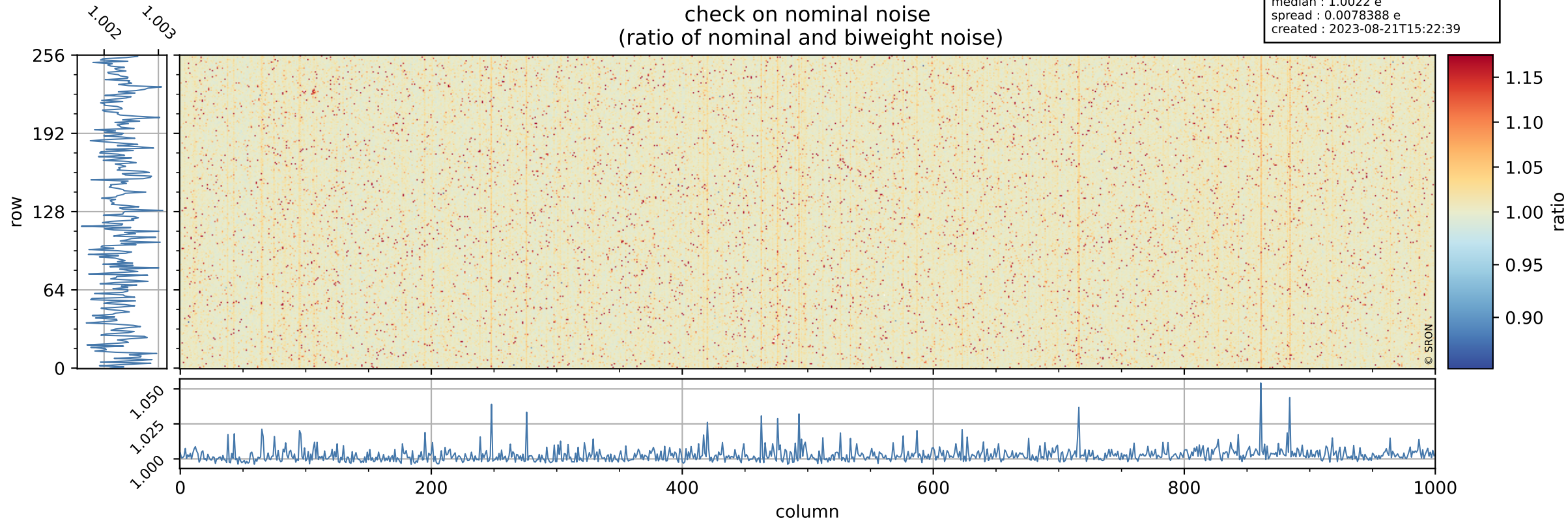
orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
median : 0.99767 e
spread : 0.0055757 e
created : 2023-08-21T15:22:39



Tropomi SWIR background noise (swir)

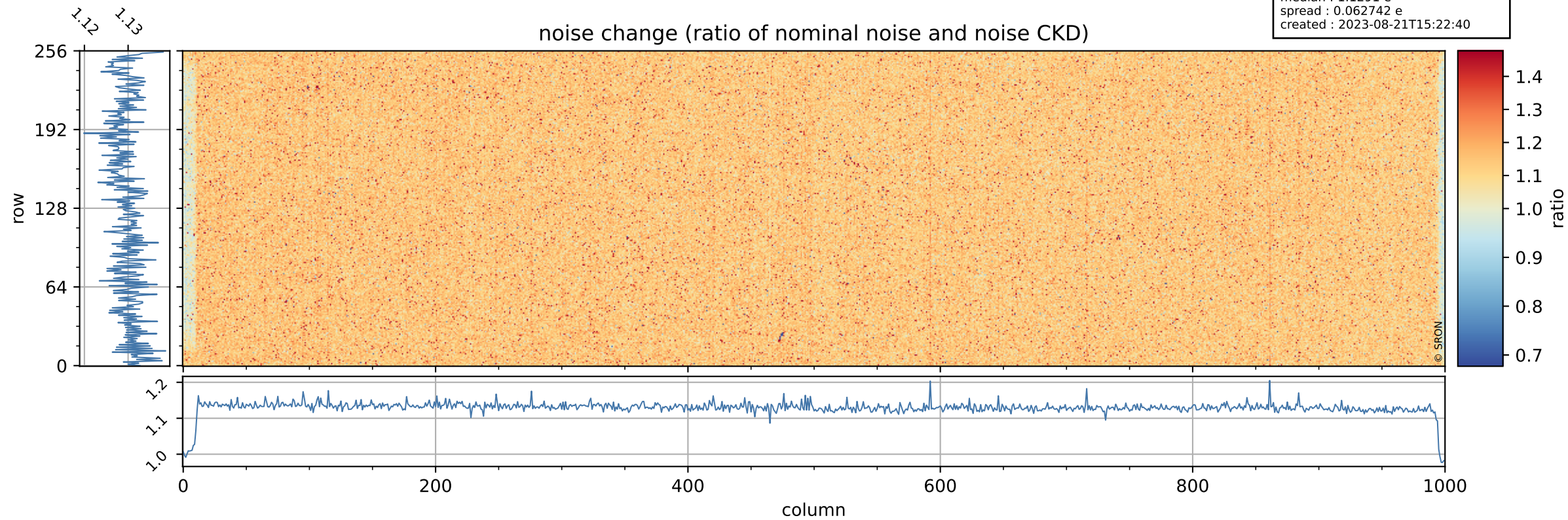
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
median : 1.0022 e
spread : 0.0078388 e
created : 2023-08-21T15:22:39



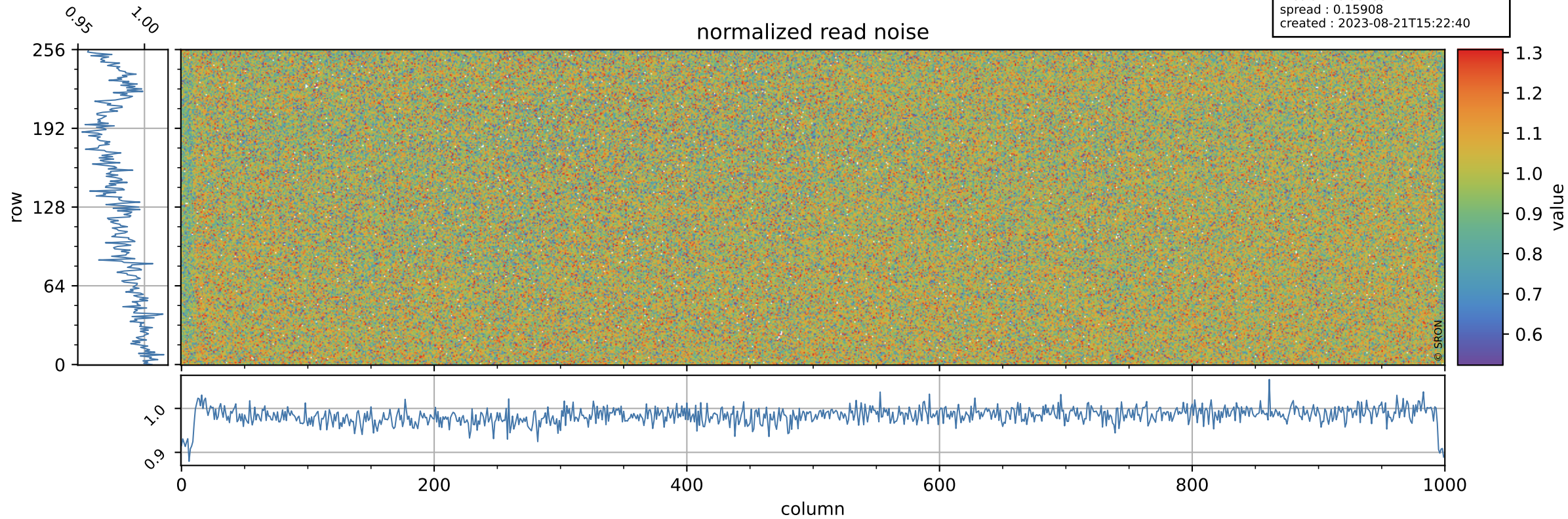
Tropomi SWIR background noise (swir)

orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
median : 1.1291 e
spread : 0.062742 e
created : 2023-08-21T15:22:40



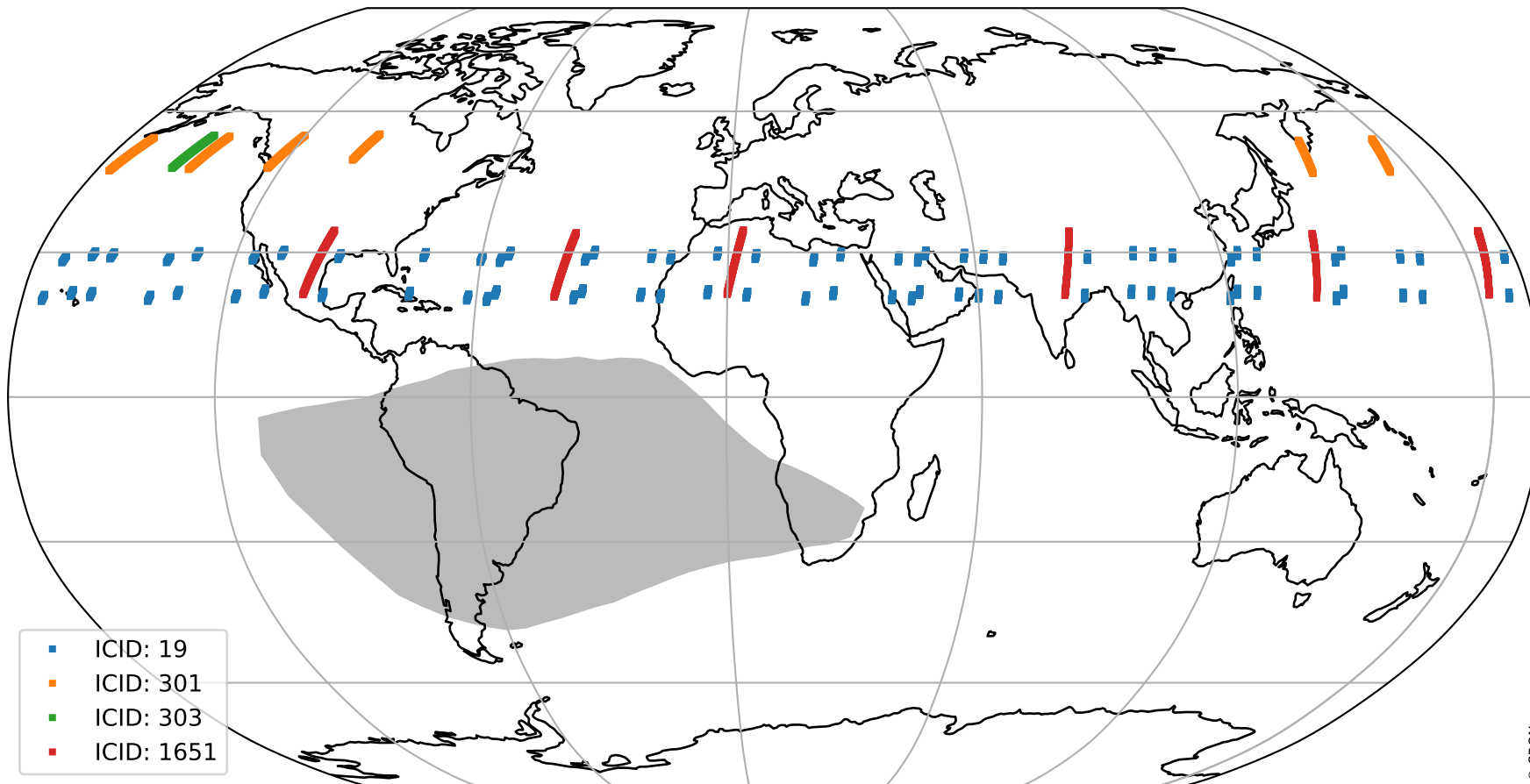
Tropomi SWIR background noise (swir)

orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
median : 0.98193
spread : 0.15908
created : 2023-08-21T15:22:40



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

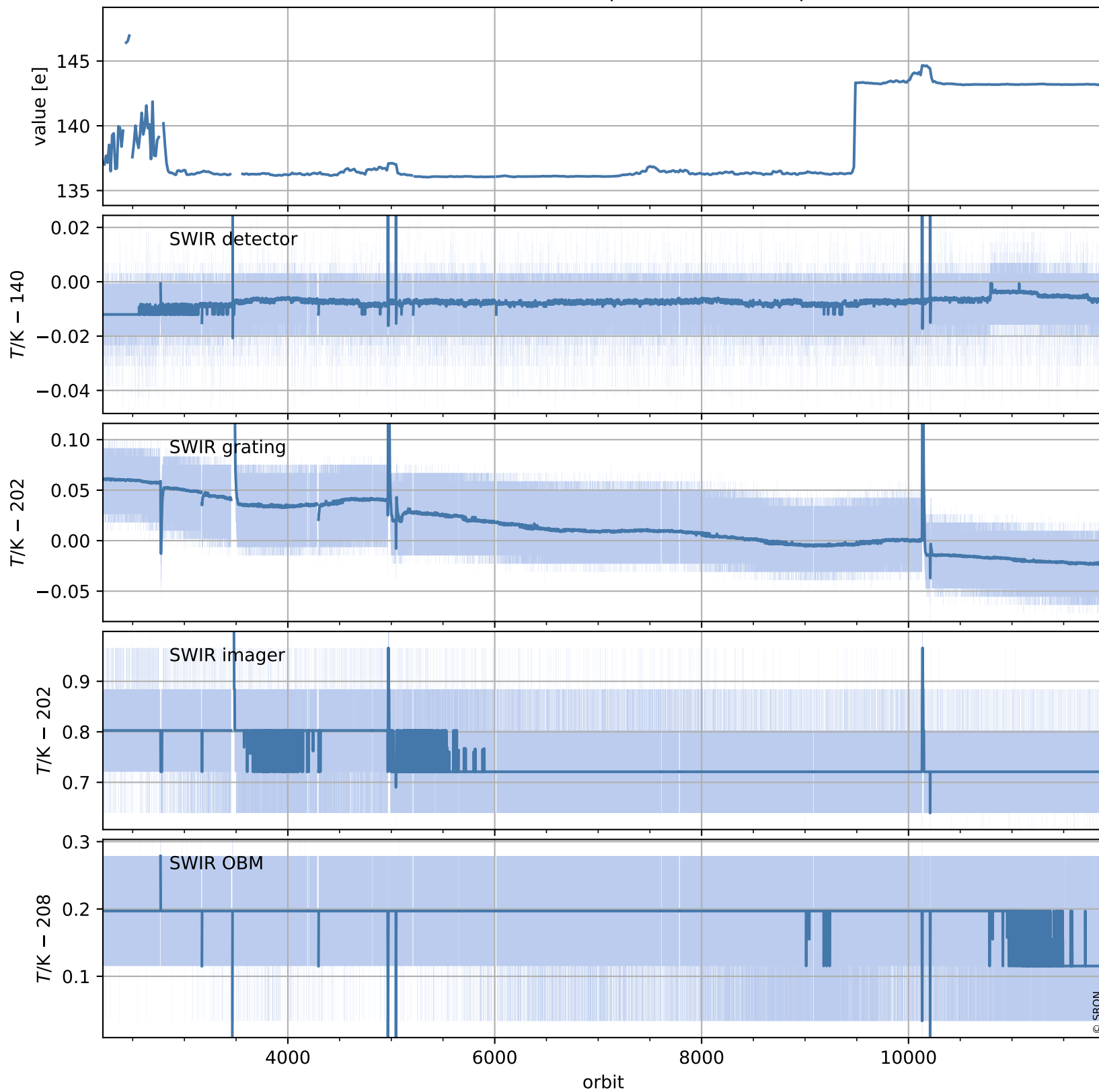
orbits : 13 in [11812, 11887]
coverage : 2020-01-23 / 2020-01-28
created : 2023-08-21T15:22:41



Tropomi SWIR background noise (swir)

orbits : [2212, 11887]
coverage : 2018-03-18 / 2020-01-28
created : 2023-08-21T15:22:41

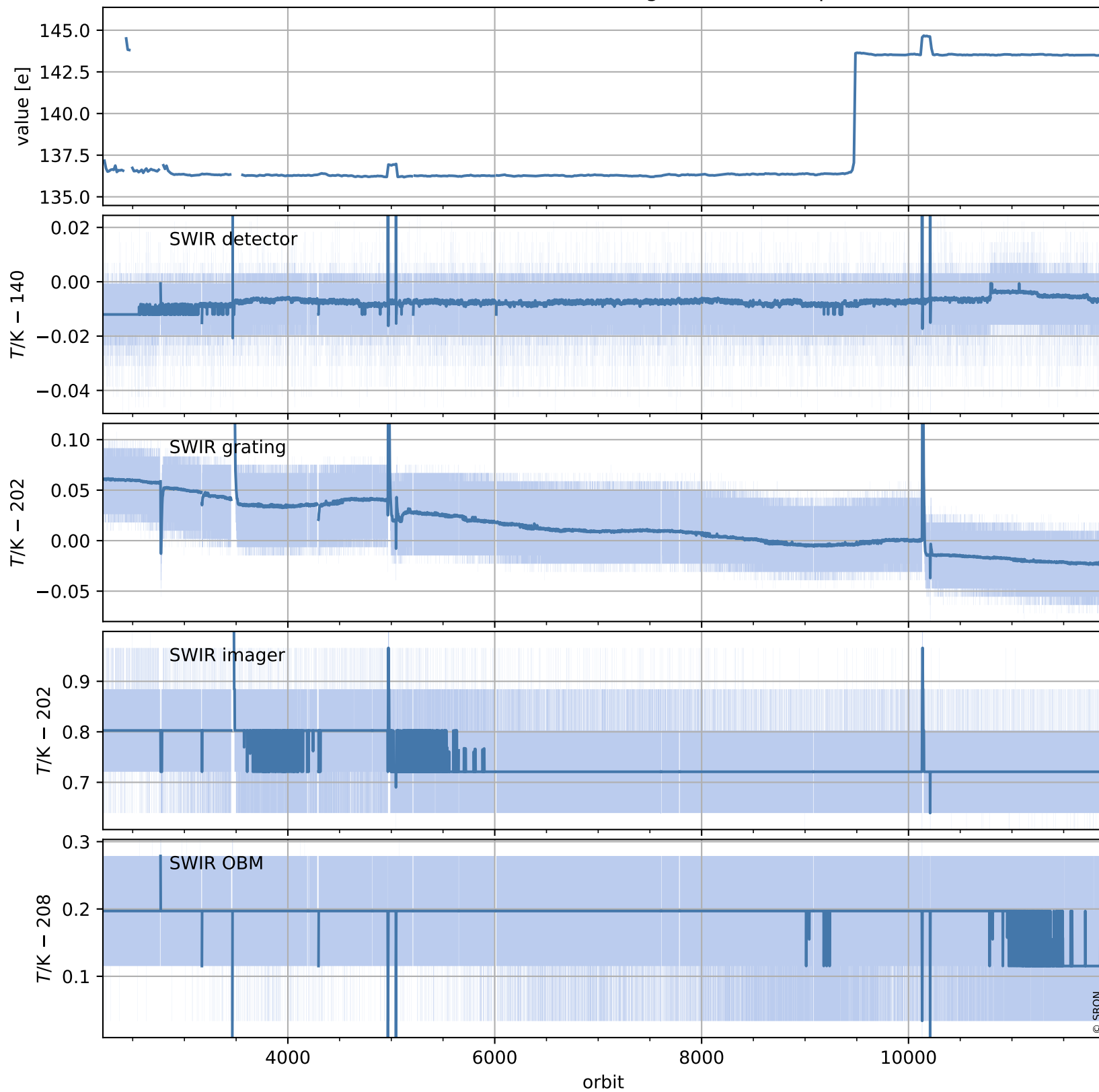
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11887]
coverage : 2018-03-18 / 2020-01-28
created : 2023-08-21T15:22:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11887]
coverage : 2018-03-18 / 2020-01-28
created : 2023-08-21T15:22:42

trend of normalized read-noise & temperatures

