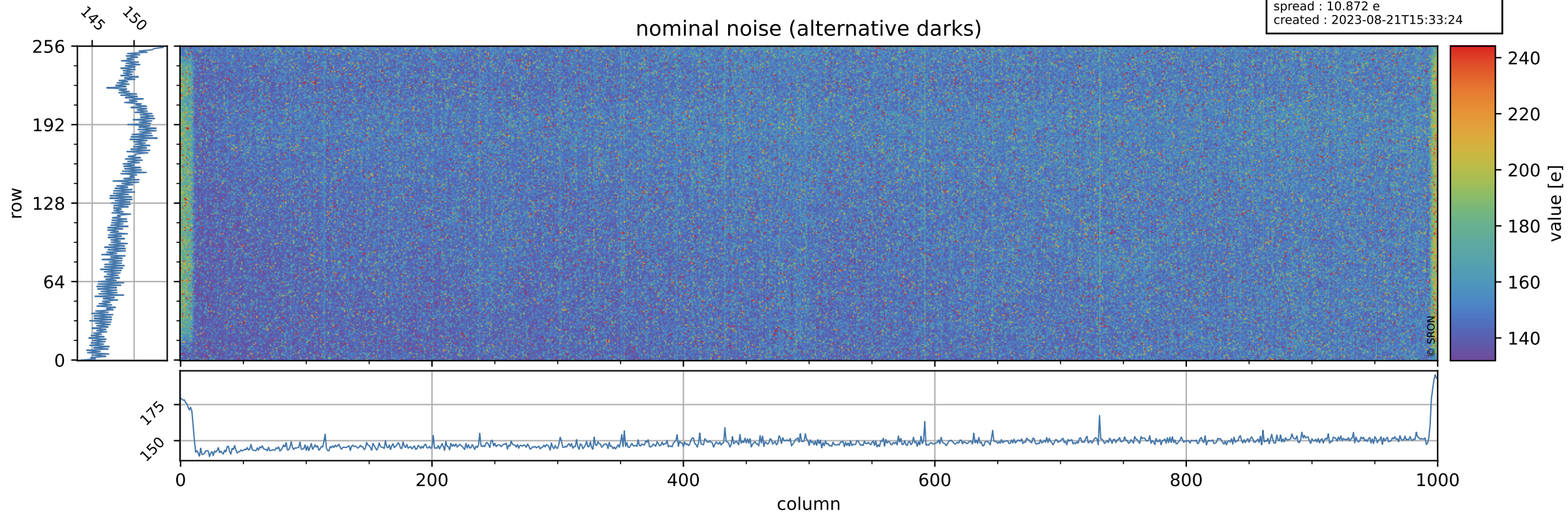


Tropomi SWIR background noise (swir)

orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.872 e
created : 2023-08-21T15:33:24

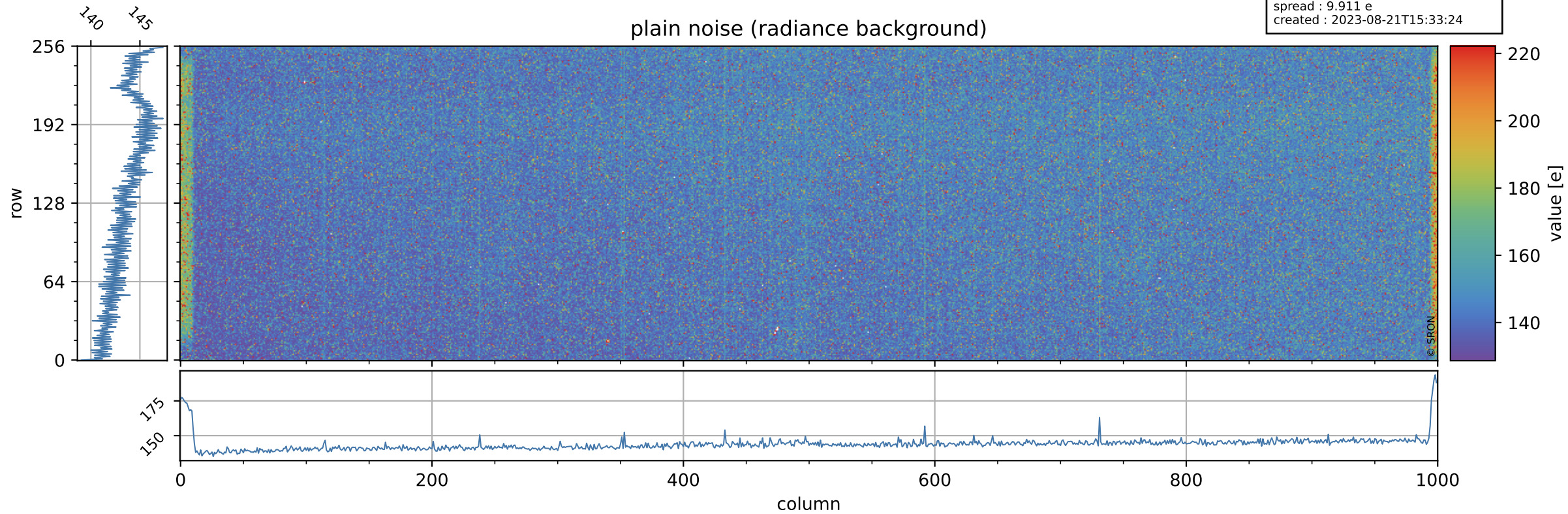
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.911 e
created : 2023-08-21T15:33:24

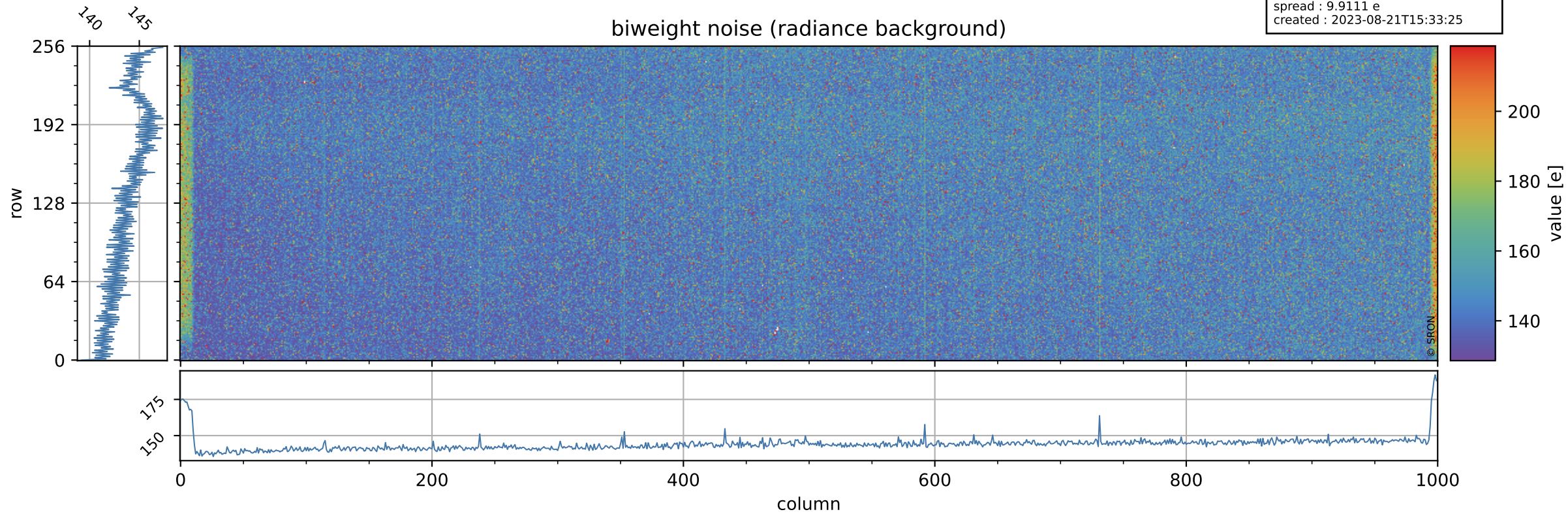
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9111 e
created : 2023-08-21T15:33:25

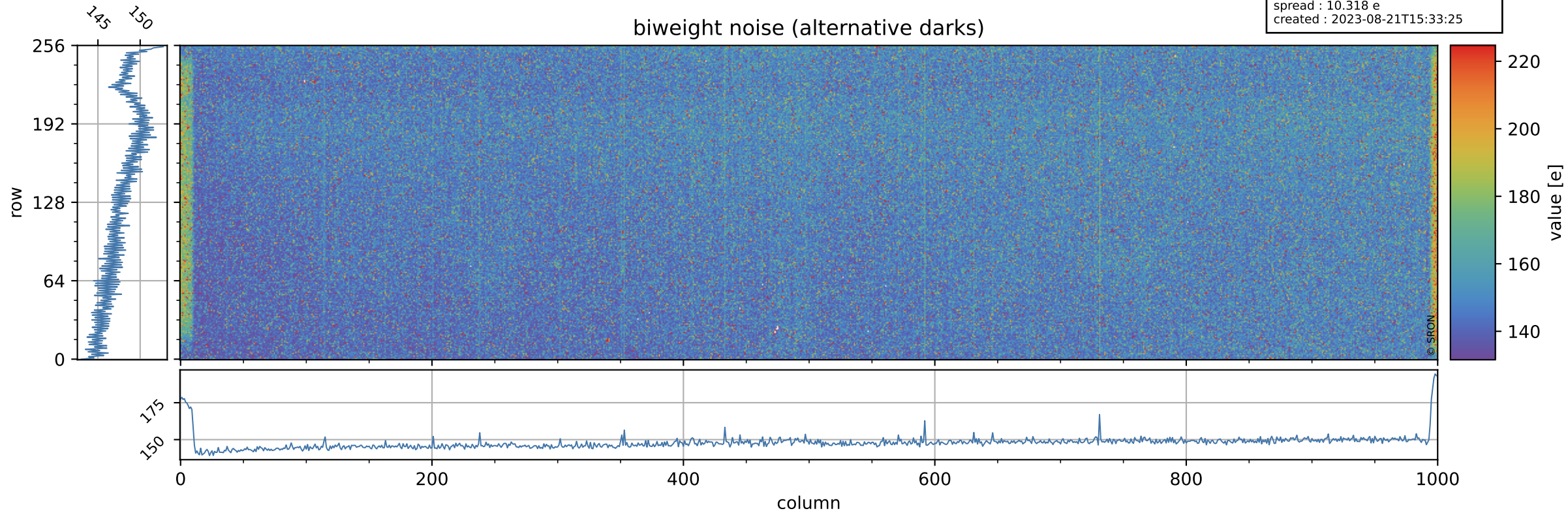
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.318 e
created : 2023-08-21T15:33:25

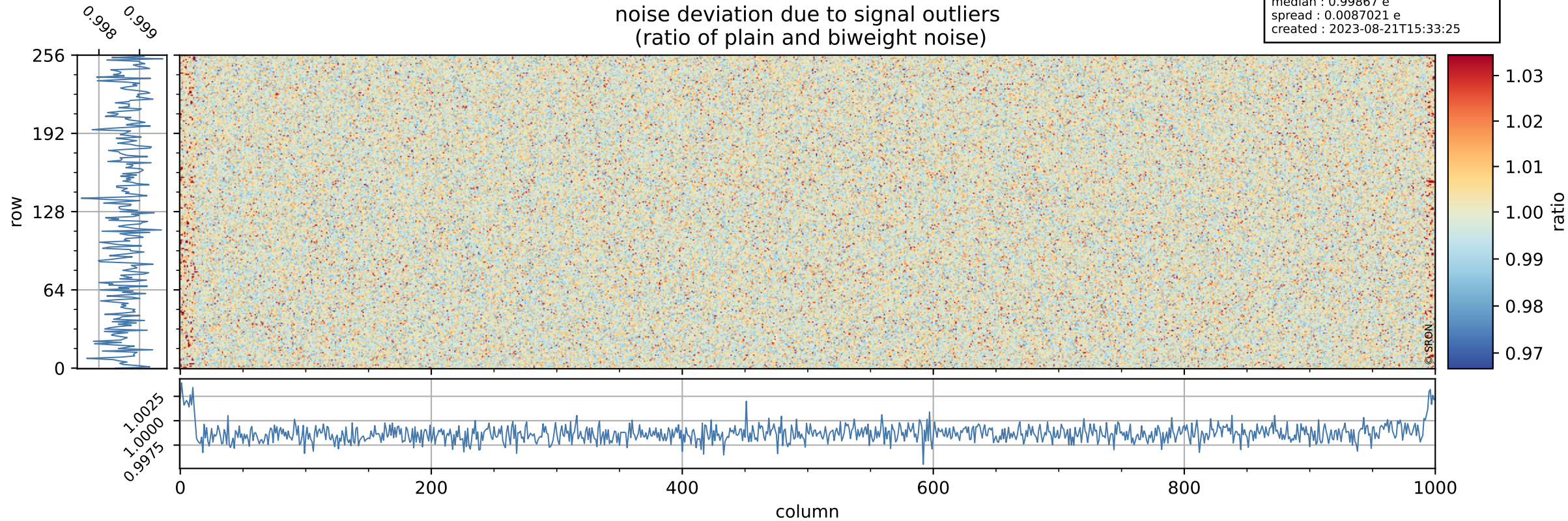
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

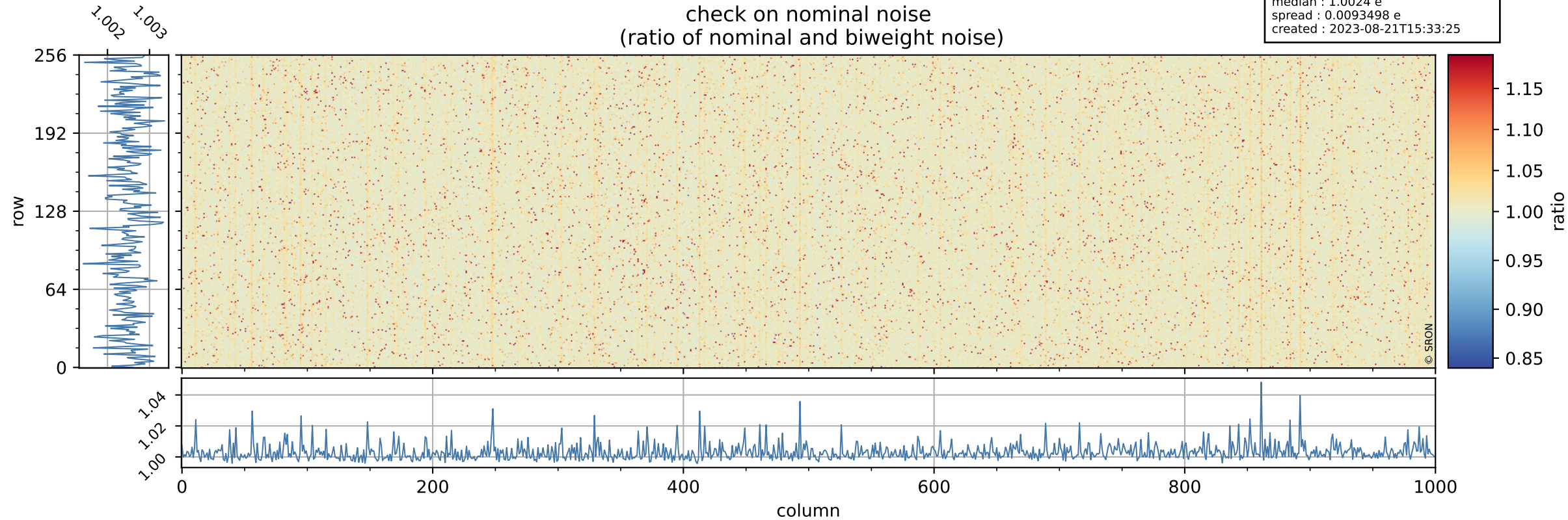
orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
median : 0.99867 e
spread : 0.0087021 e
created : 2023-08-21T15:33:25



Tropomi SWIR background noise (swir)

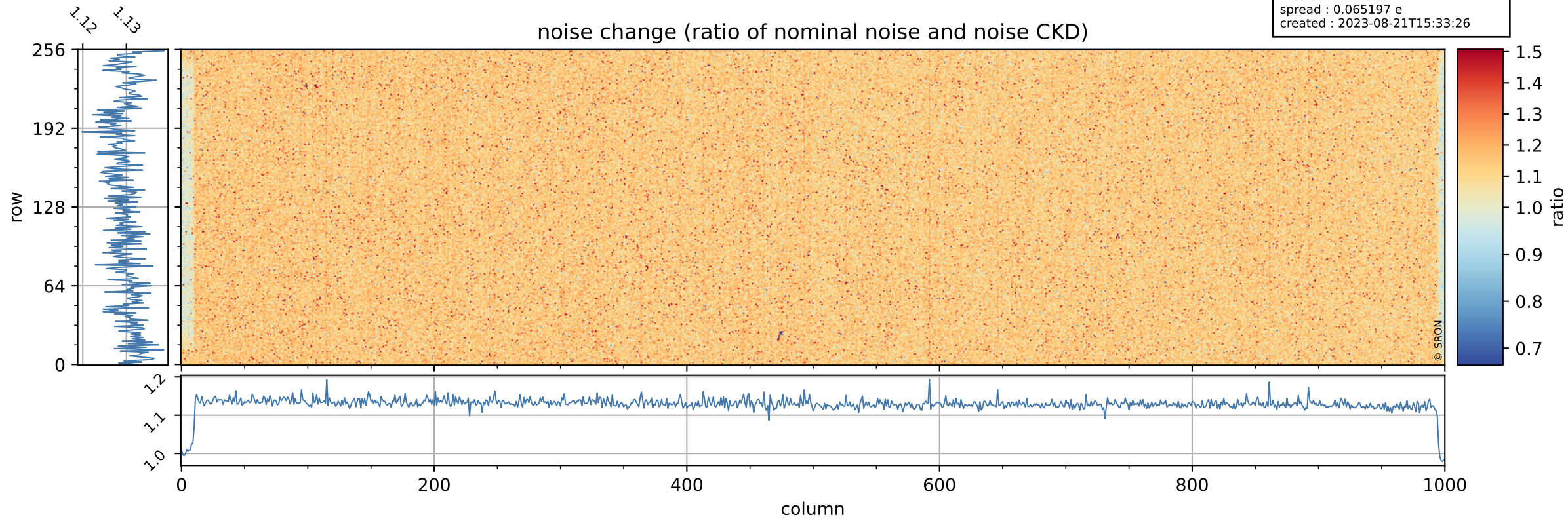
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
median : 1.0024 e
spread : 0.0093498 e
created : 2023-08-21T15:33:25



Tropomi SWIR background noise (swir)

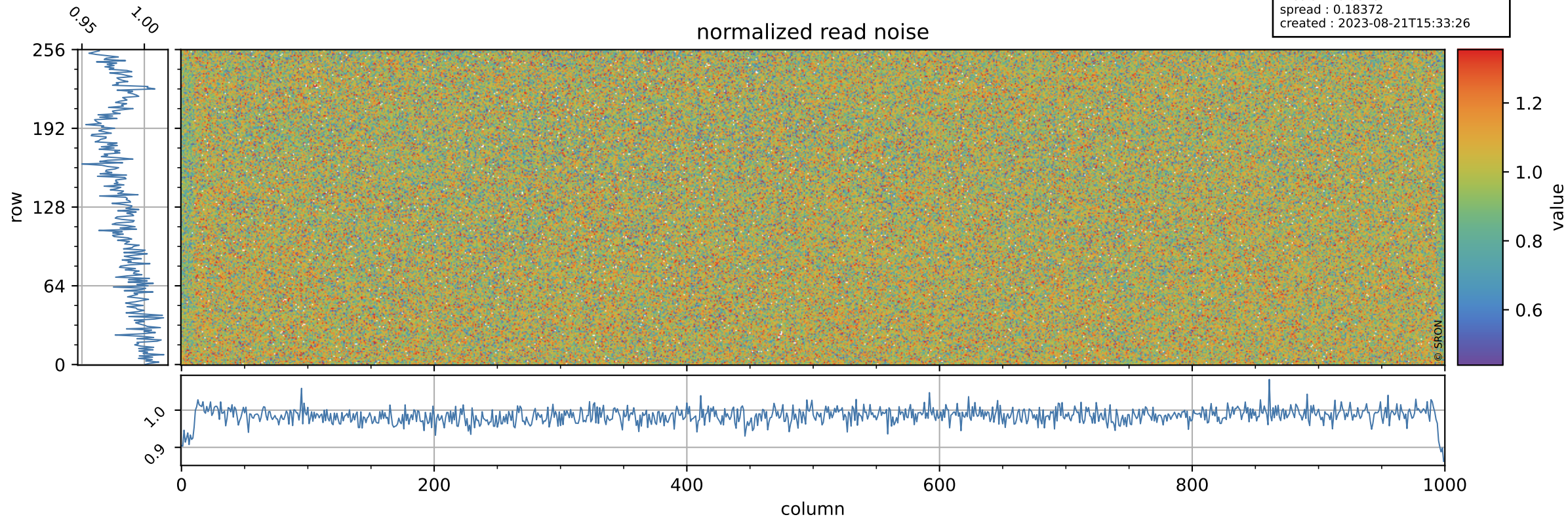
orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
median : 1.129 e
spread : 0.065197 e
created : 2023-08-21T15:33:26



Tropomi SWIR background noise (swir)

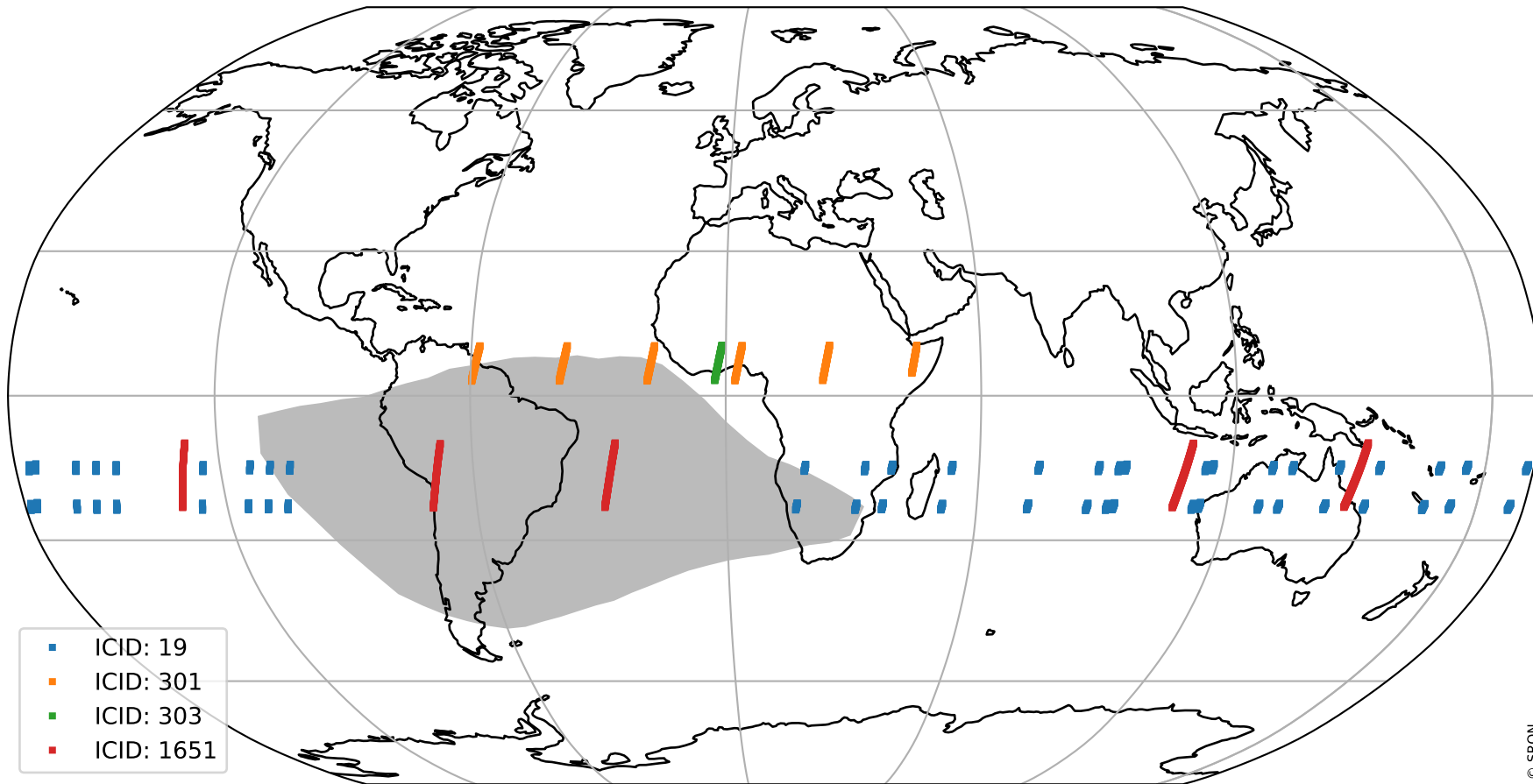
orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
median : 0.98284
spread : 0.18372
created : 2023-08-21T15:33:26

normalized read noise



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

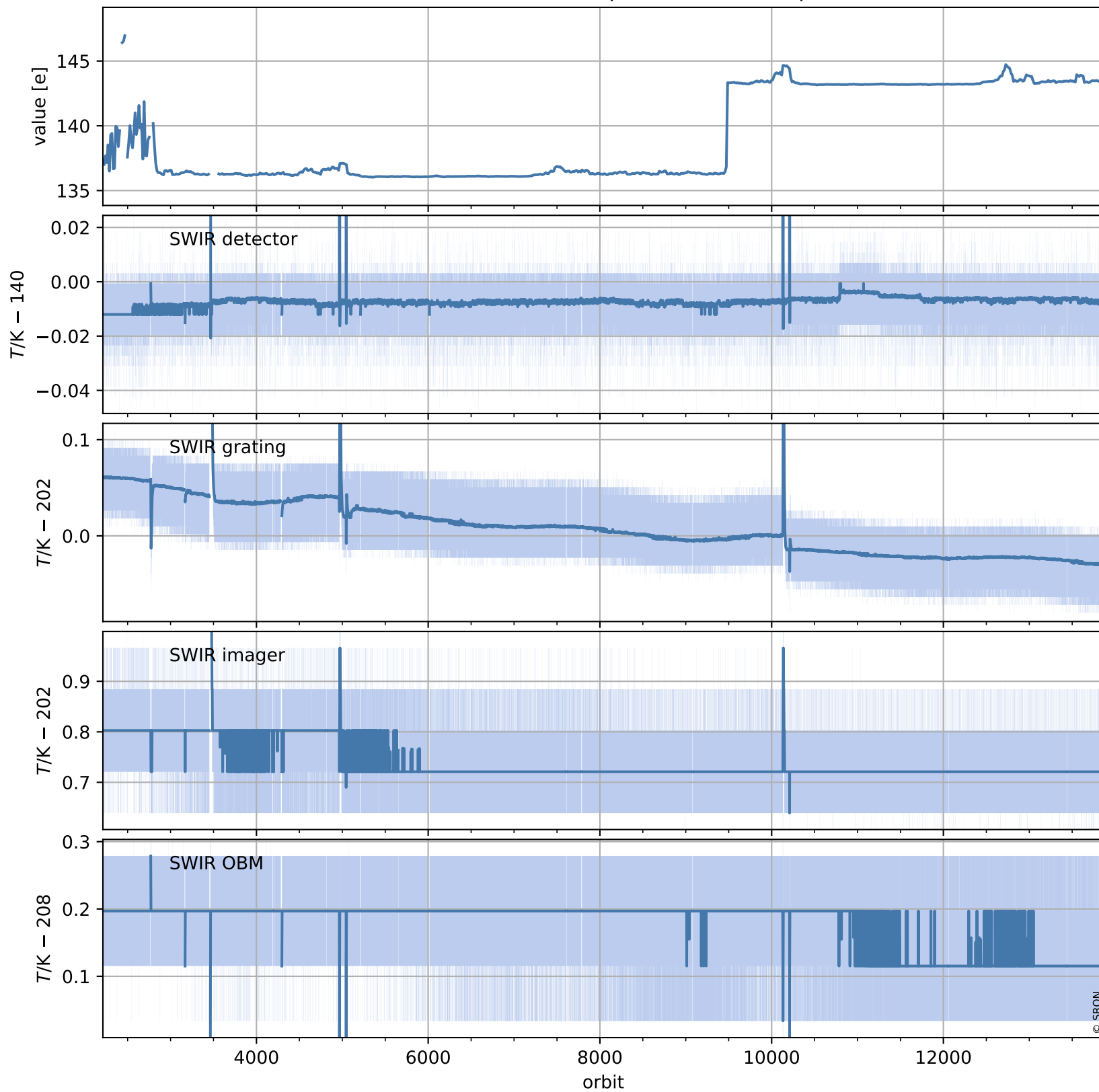
orbits : 12 in [13792, 13867]
coverage : 2020-06-10 / 2020-06-16
created : 2023-08-21T15:33:26



Tropomi SWIR background noise (swir)

orbits : [2212, 13867]
coverage : 2018-03-18 / 2020-06-16
created : 2023-08-21T15:33:26

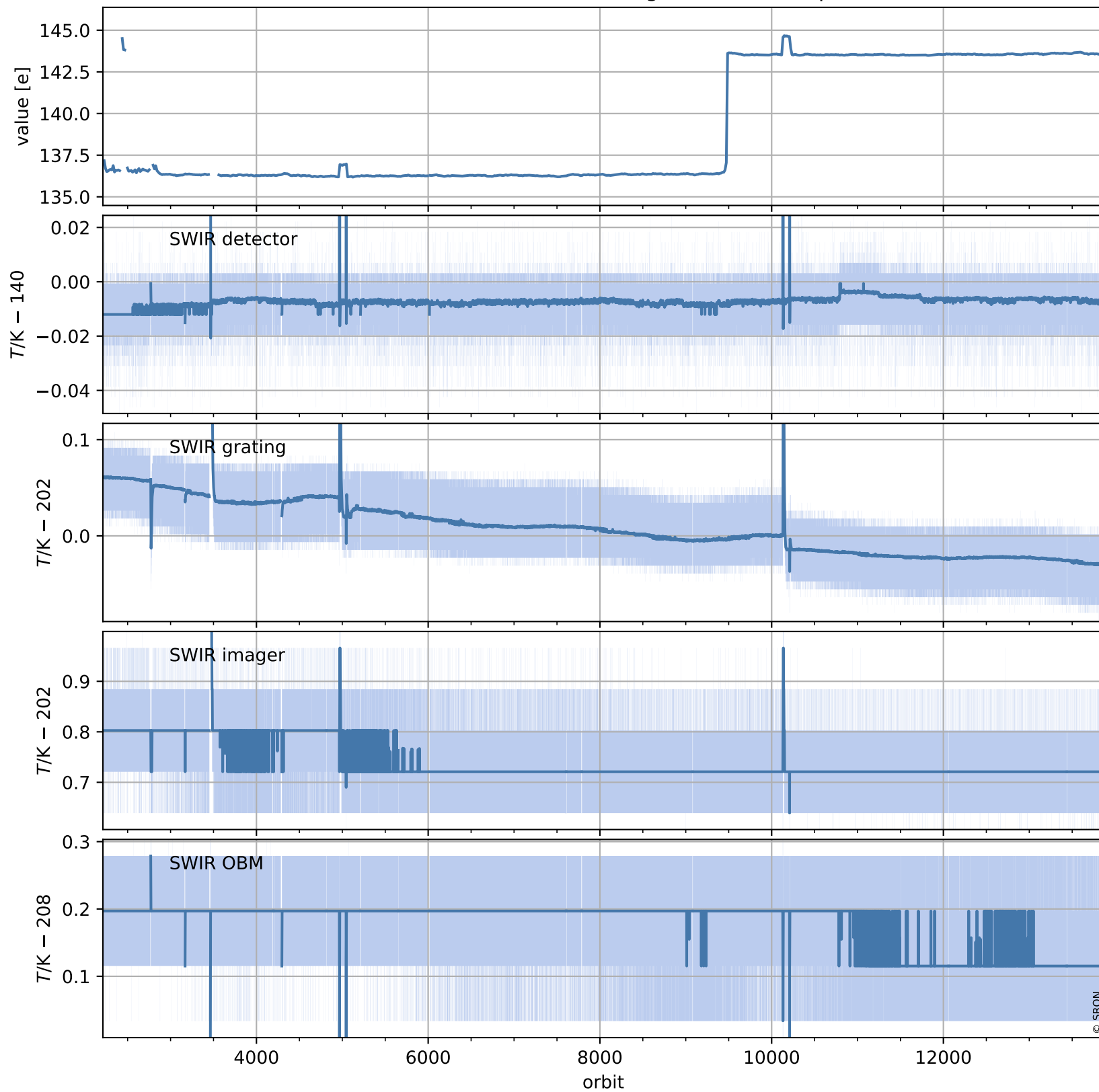
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13867]
coverage : 2018-03-18 / 2020-06-16
created : 2023-08-21T15:33:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13867]
coverage : 2018-03-18 / 2020-06-16
created : 2023-08-21T15:33:28

trend of normalized read-noise & temperatures

