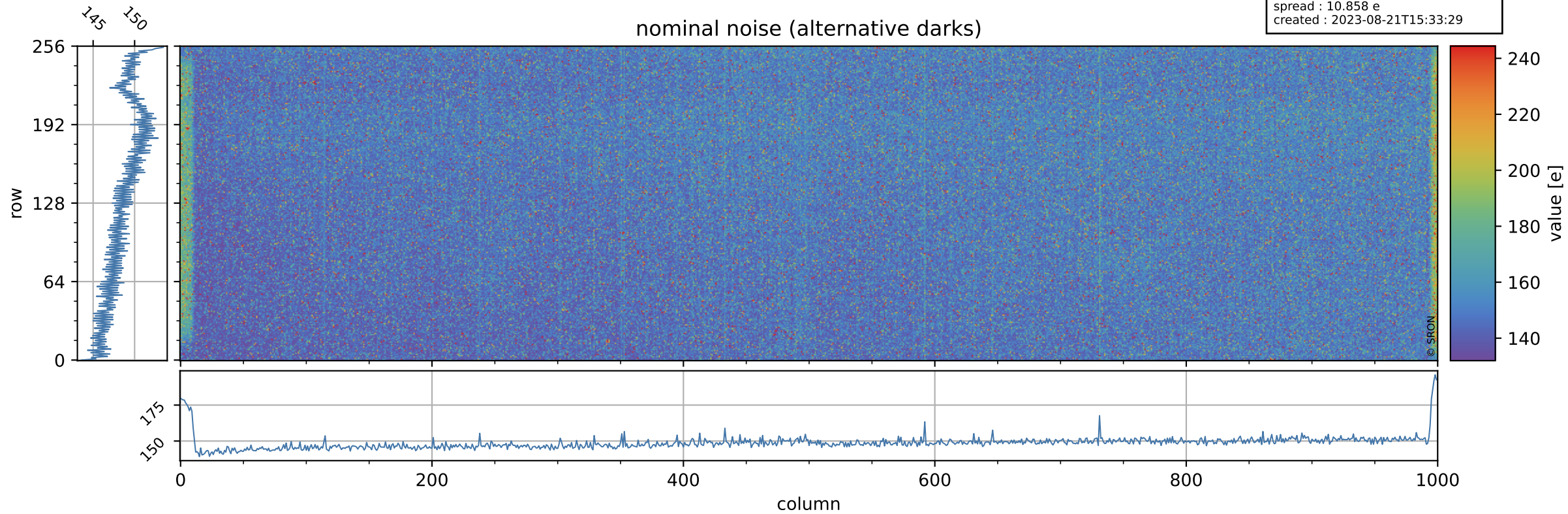


Tropomi SWIR background noise (swir)

orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.858 e
created : 2023-08-21T15:33:29

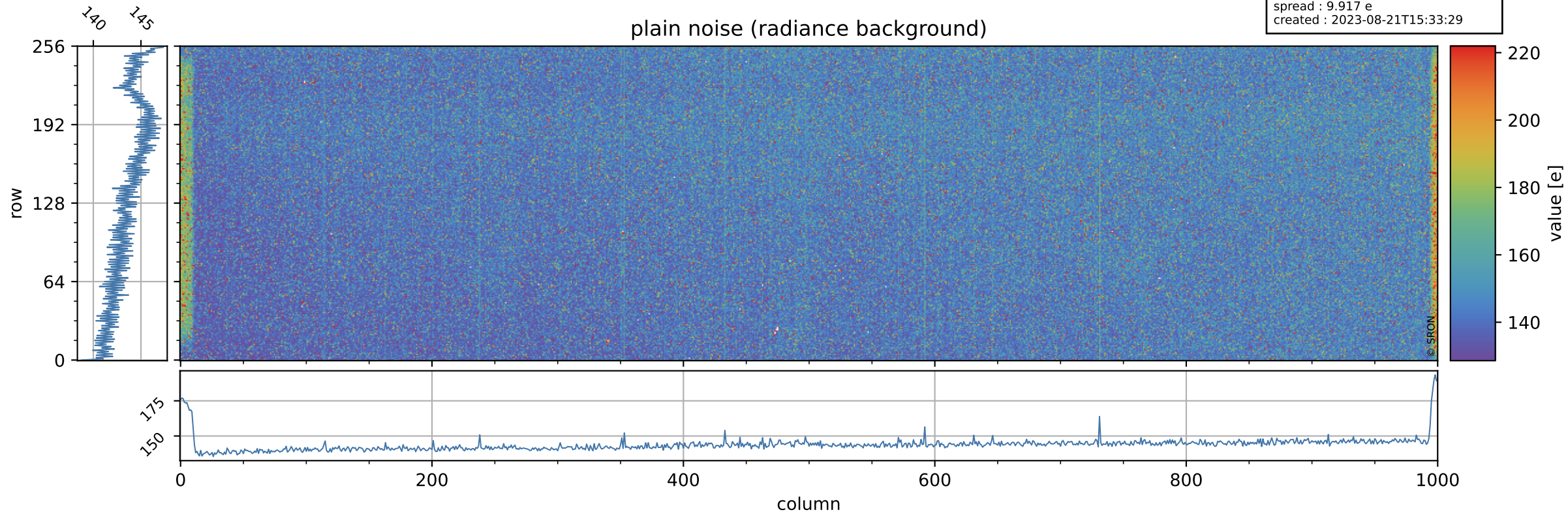
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.917 e
created : 2023-08-21T15:33:29

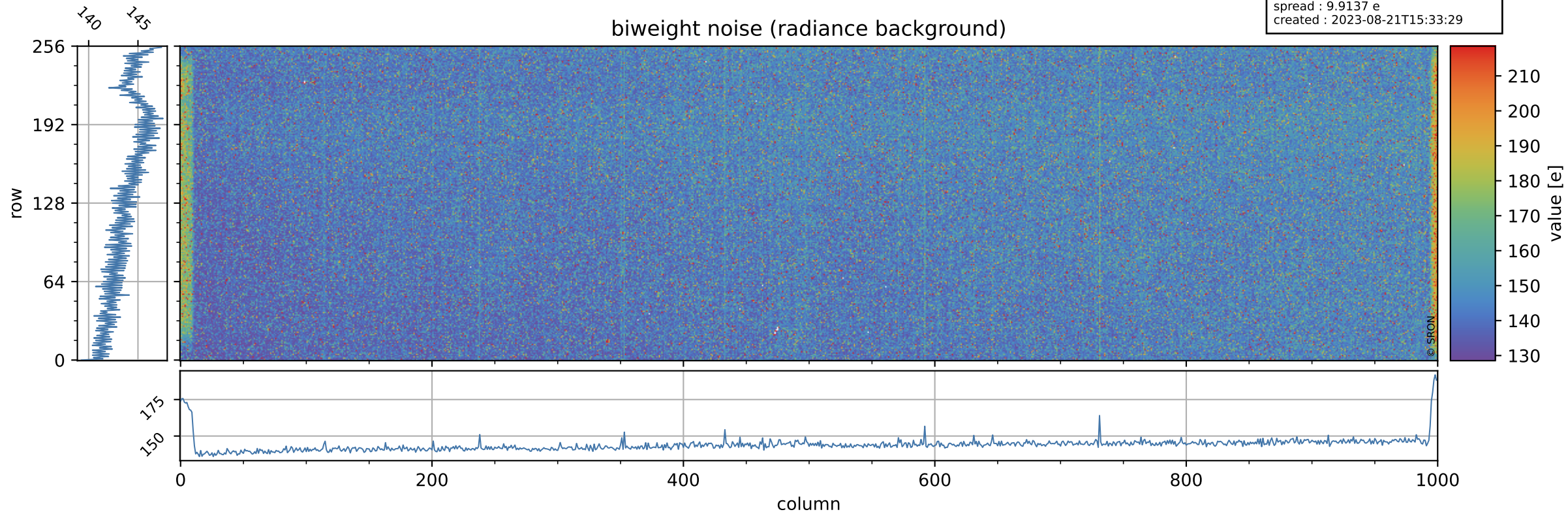
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.9137 e
created : 2023-08-21T15:33:29

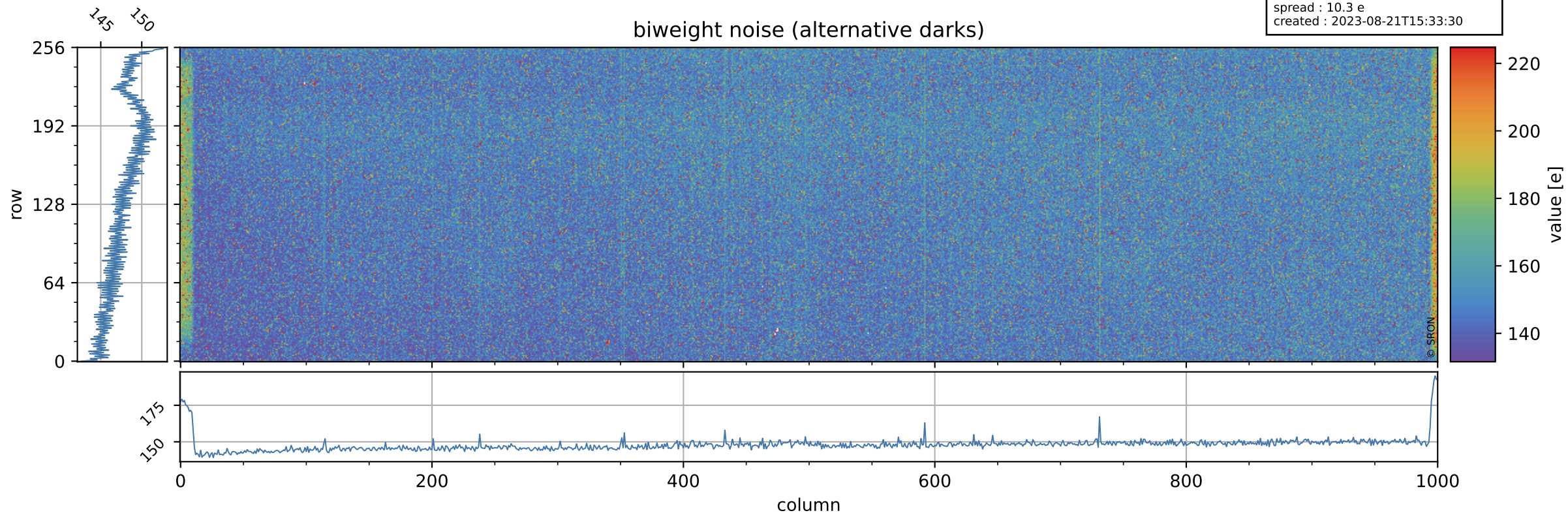
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.3 e
created : 2023-08-21T15:33:30

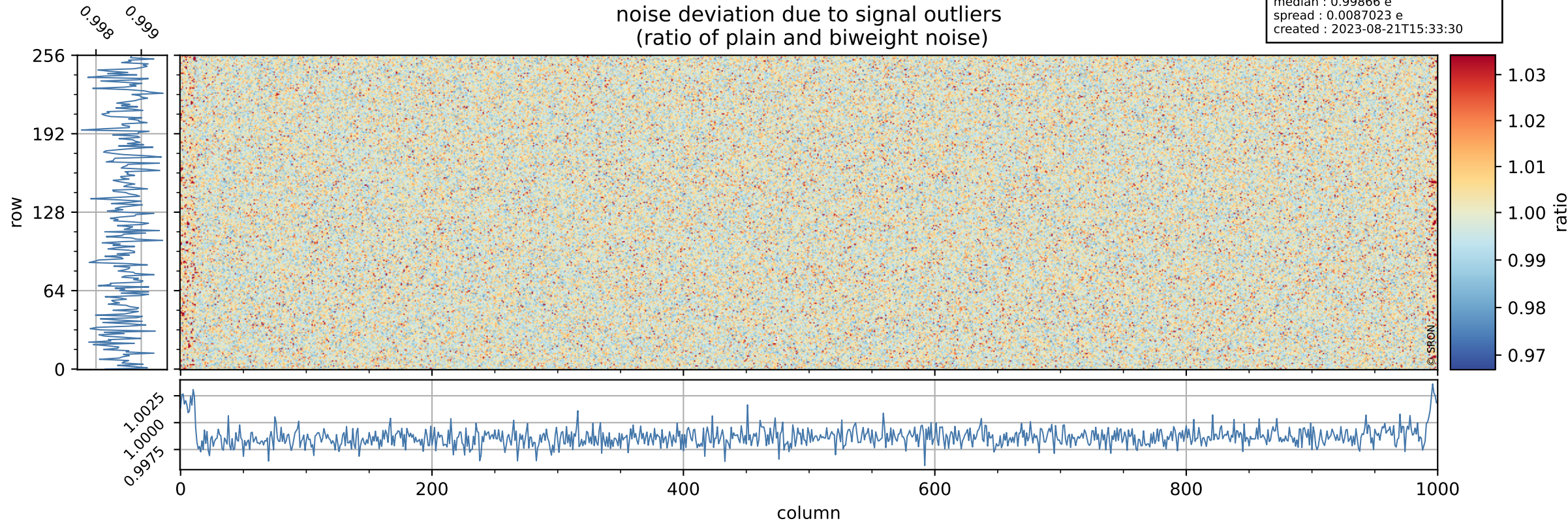
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

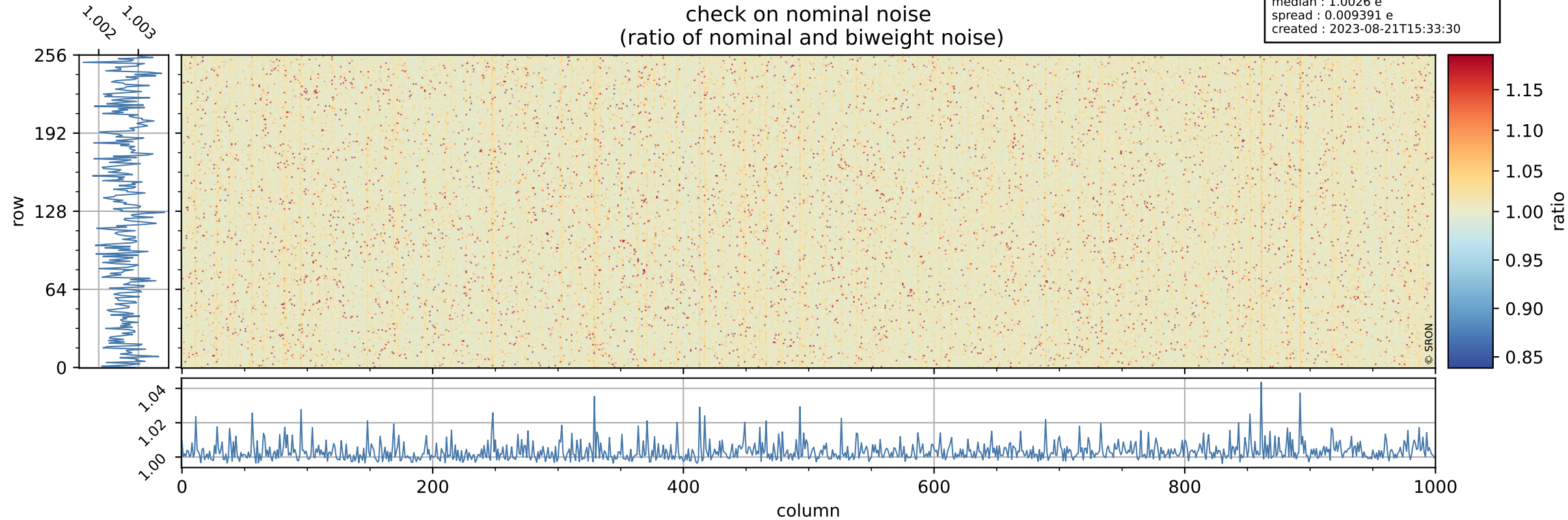
orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
median : 0.99866 e
spread : 0.0087023 e
created : 2023-08-21T15:33:30



Tropomi SWIR background noise (swir)

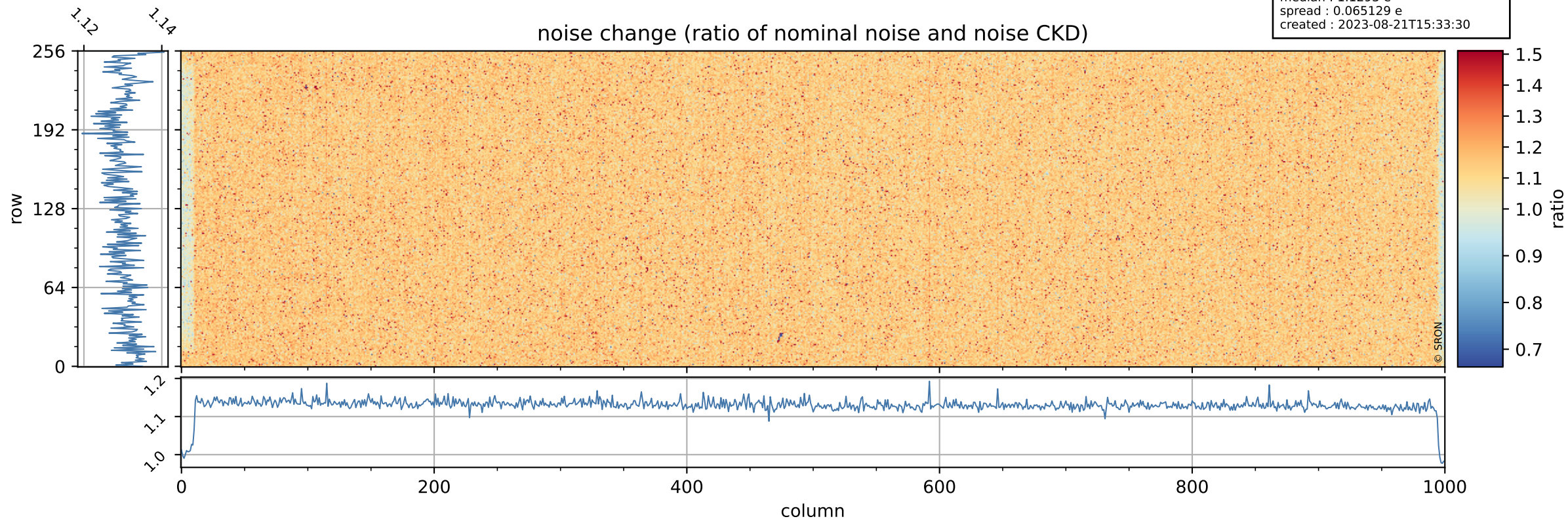
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
median : 1.0026 e
spread : 0.009391 e
created : 2023-08-21T15:33:30



Tropomi SWIR background noise (swir)

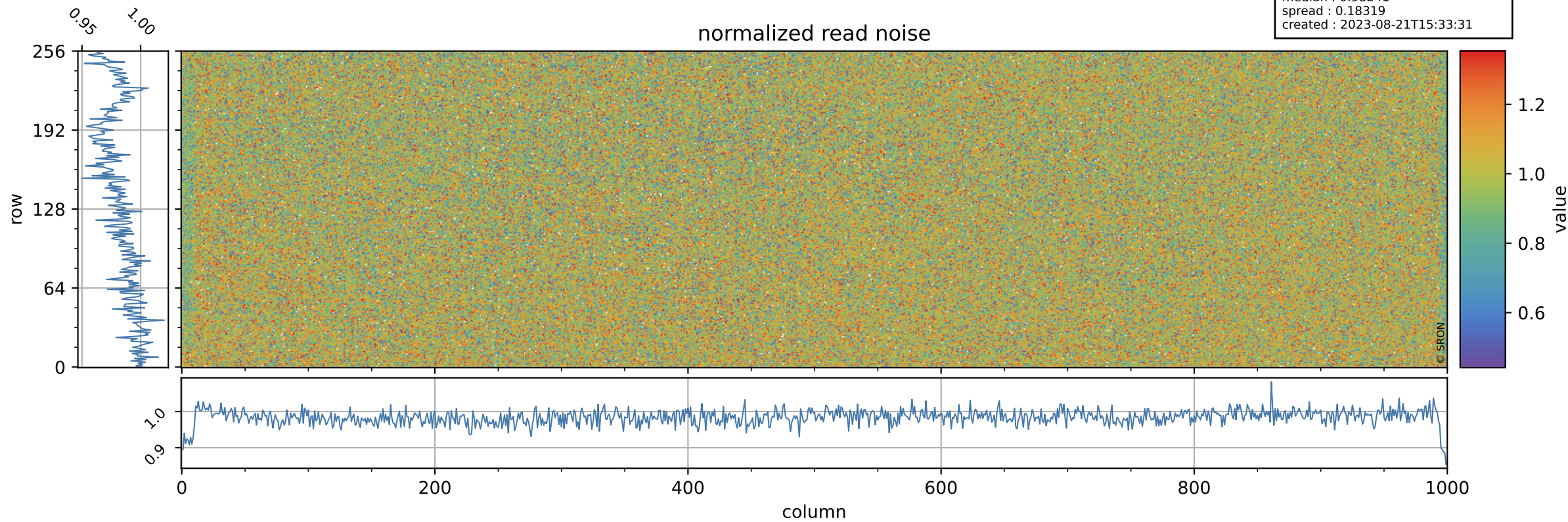
orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
median : 1.1293 e
spread : 0.065129 e
created : 2023-08-21T15:33:30



Tropomi SWIR background noise (swir)

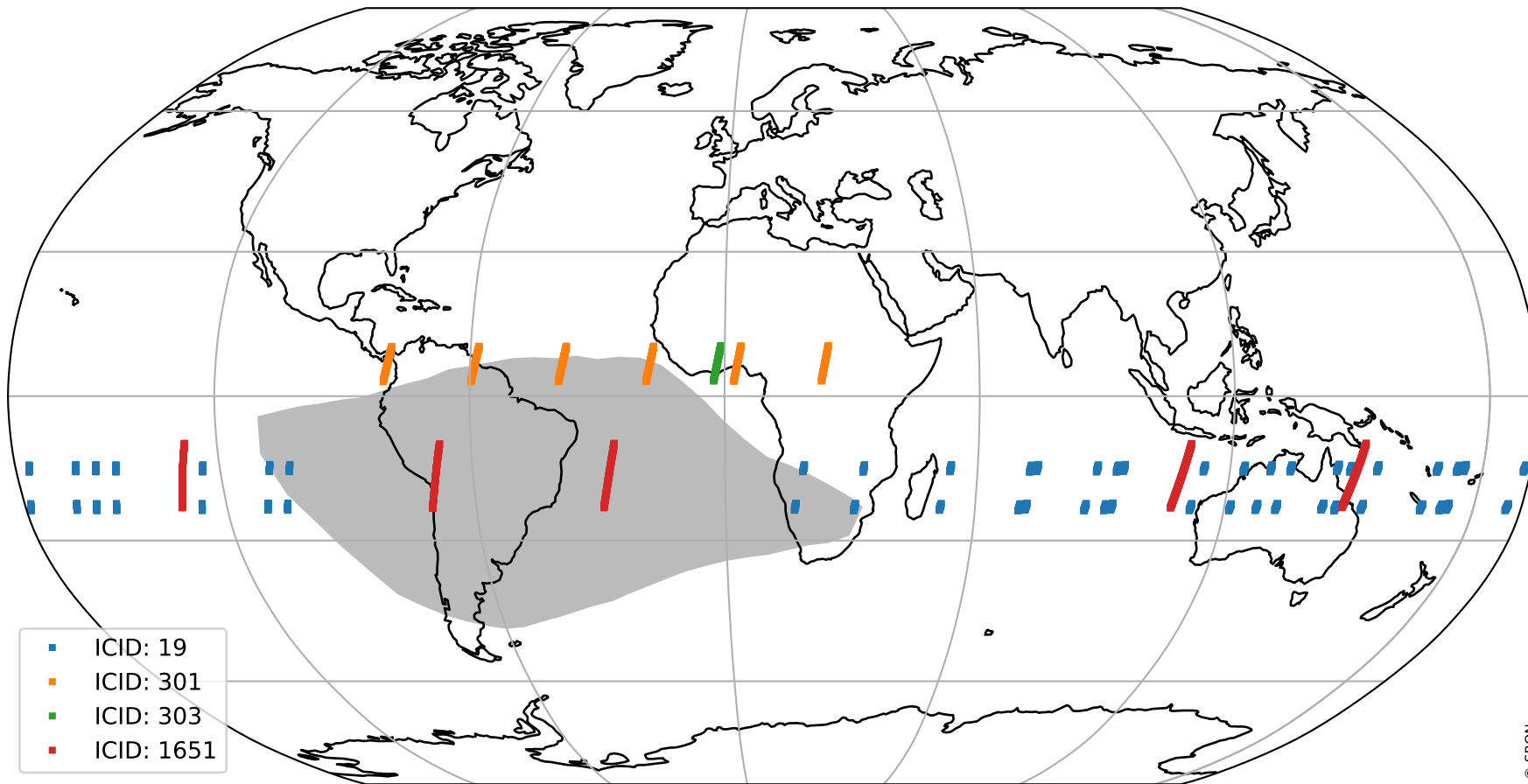
orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
median : 0.98241
spread : 0.18319
created : 2023-08-21T15:33:31

normalized read noise



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

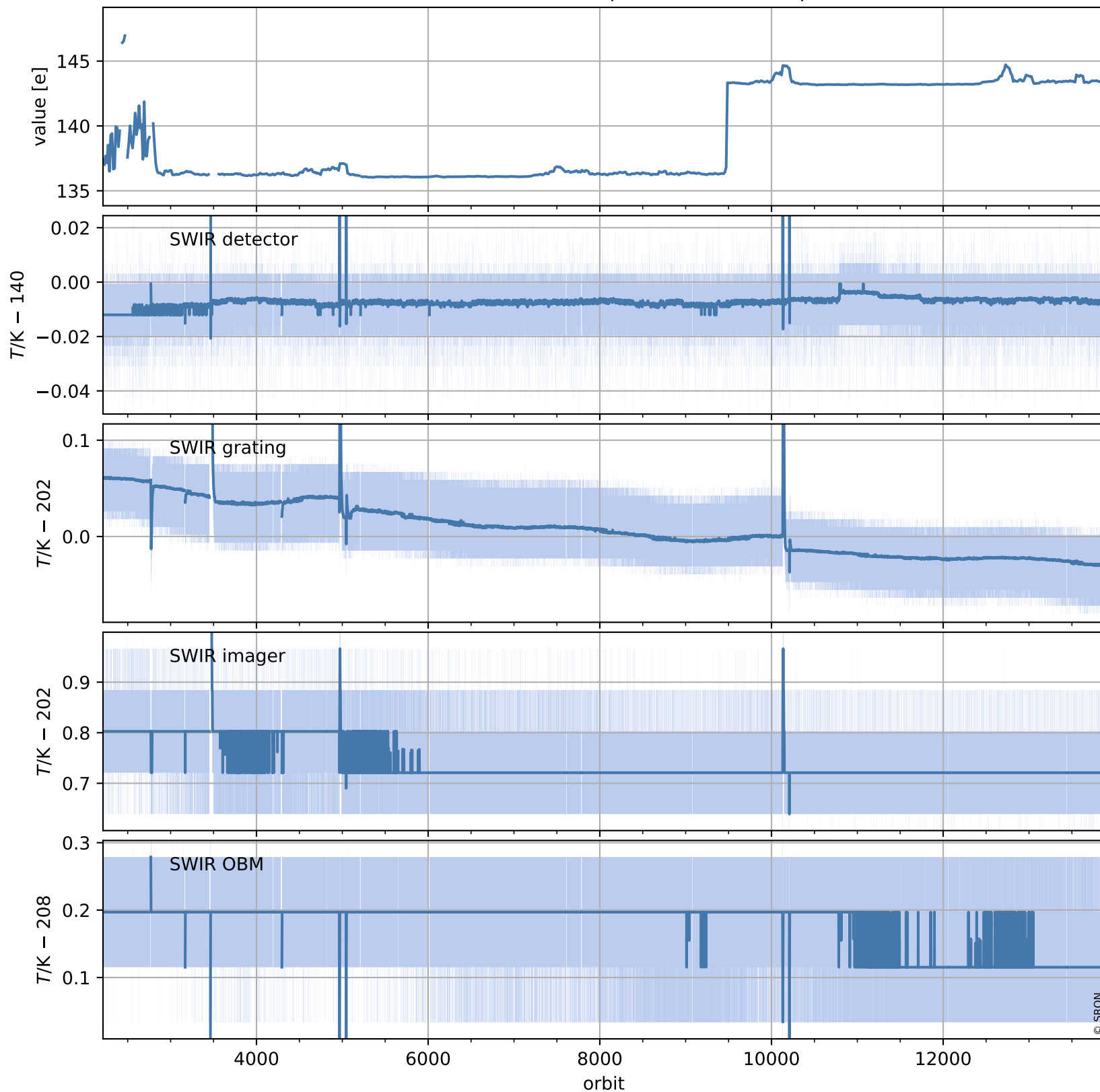
orbits : 12 in [13807, 13882]
coverage : 2020-06-11 / 2020-06-17
created : 2023-08-21T15:33:31



Tropomi SWIR background noise (swir)

orbits : [2212, 13882]
coverage : 2018-03-18 / 2020-06-17
created : 2023-08-21T15:33:31

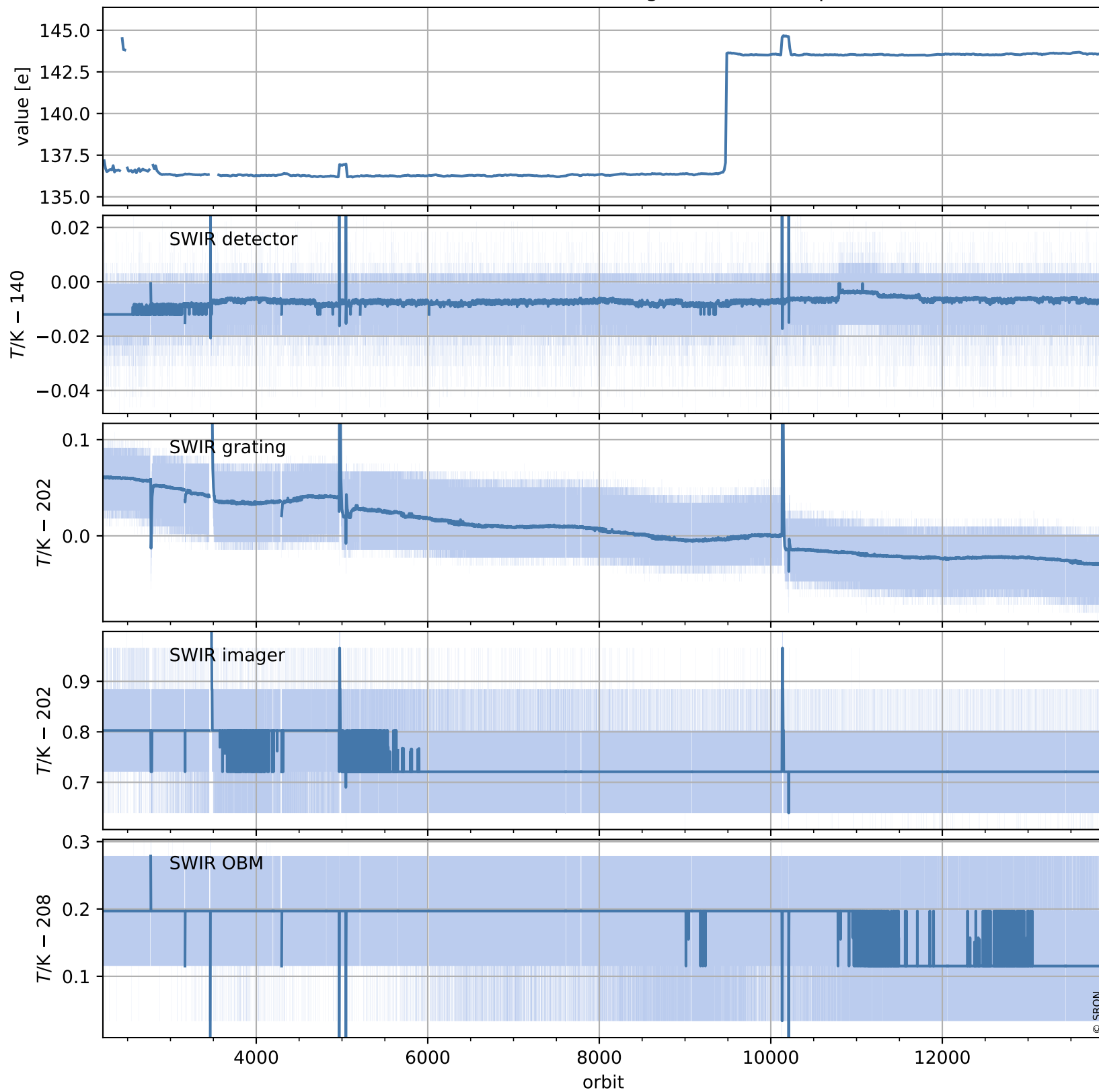
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13882]
coverage : 2018-03-18 / 2020-06-17
created : 2023-08-21T15:33:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13882]
coverage : 2018-03-18 / 2020-06-17
created : 2023-08-21T15:33:33

trend of normalized read-noise & temperatures

