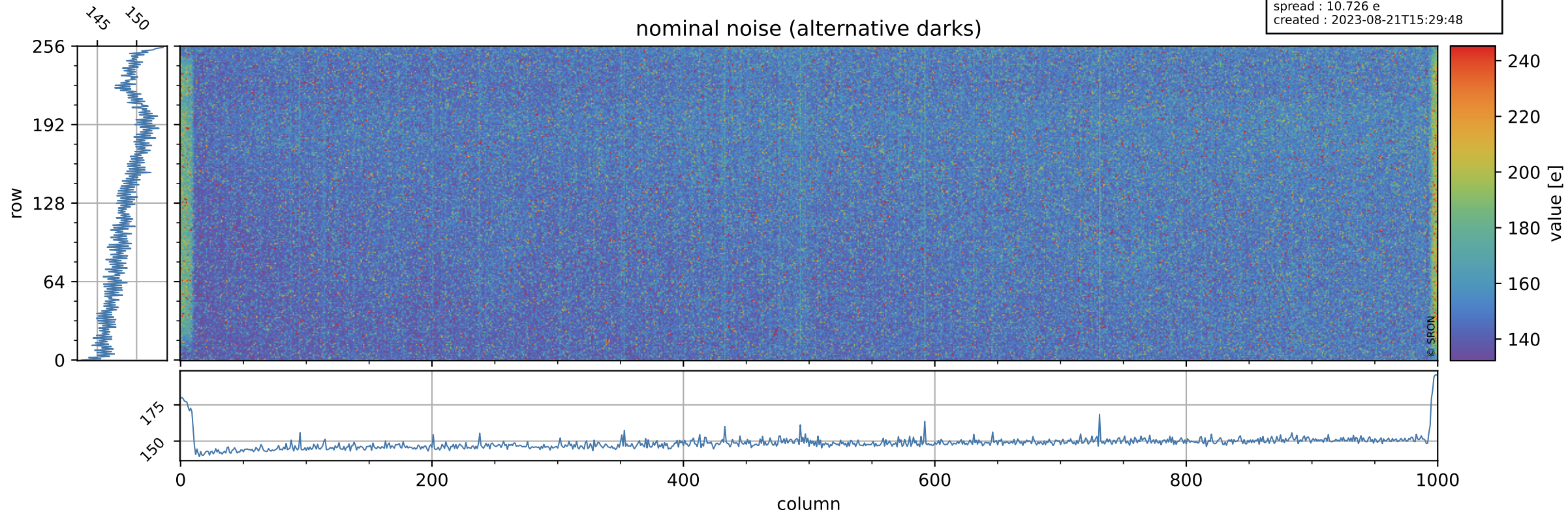


Tropomi SWIR background noise (swir)

orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.726 e
created : 2023-08-21T15:29:48

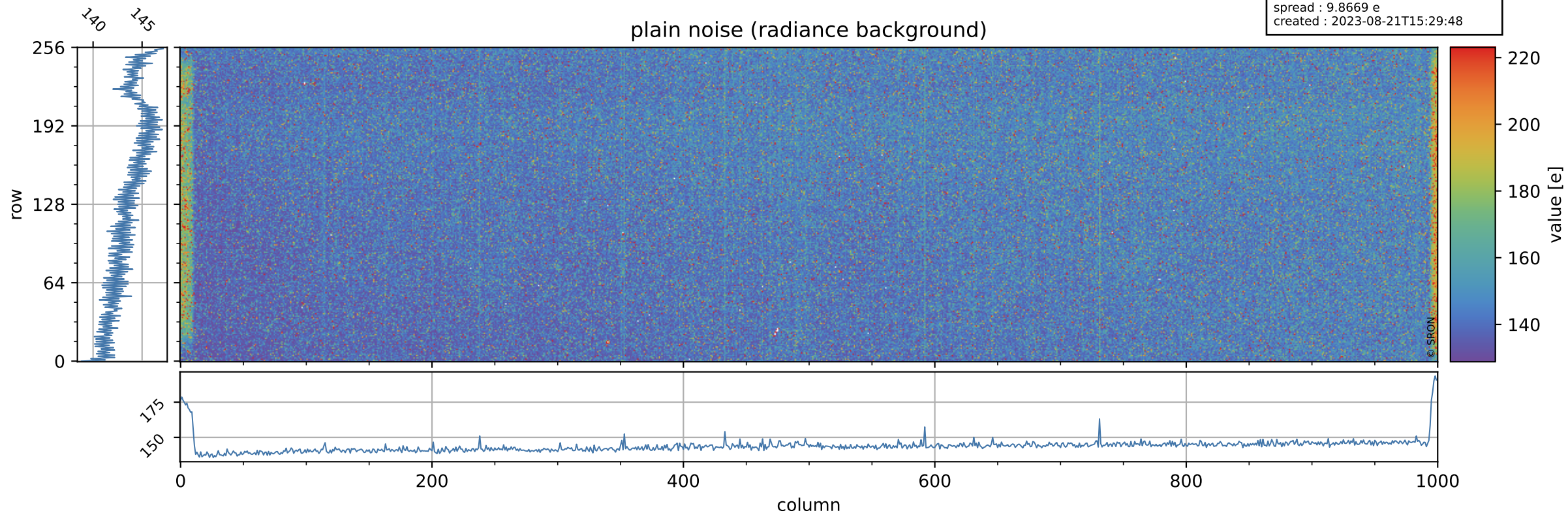
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8669 e
created : 2023-08-21T15:29:48

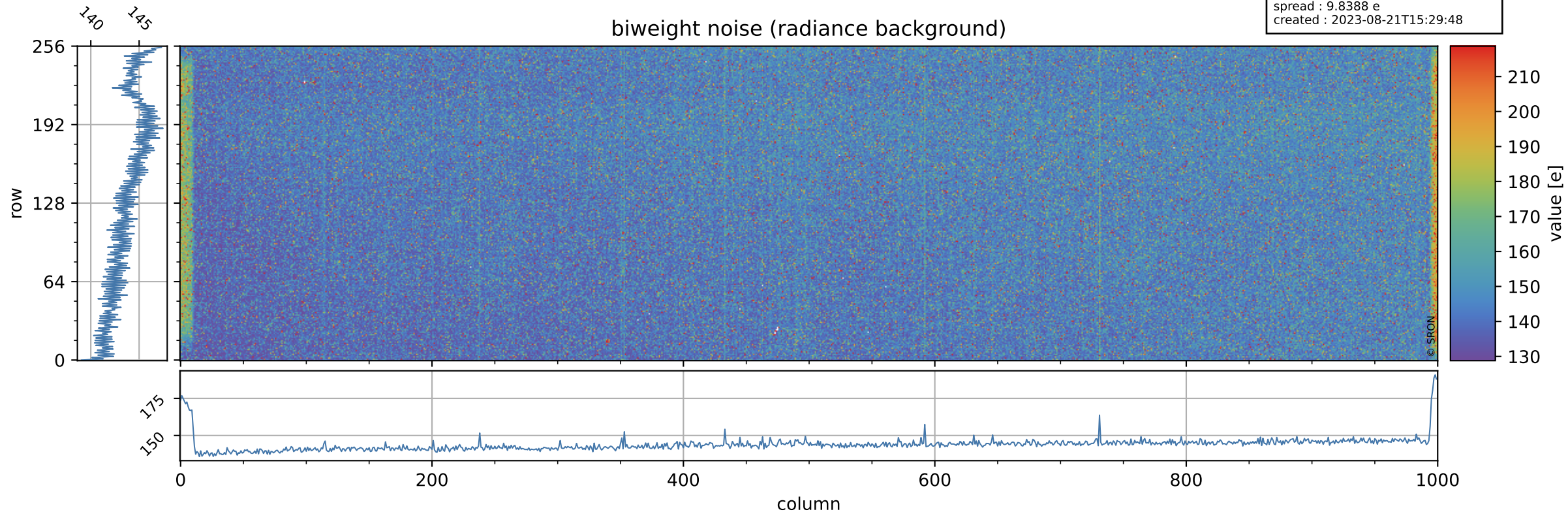
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8388 e
created : 2023-08-21T15:29:48

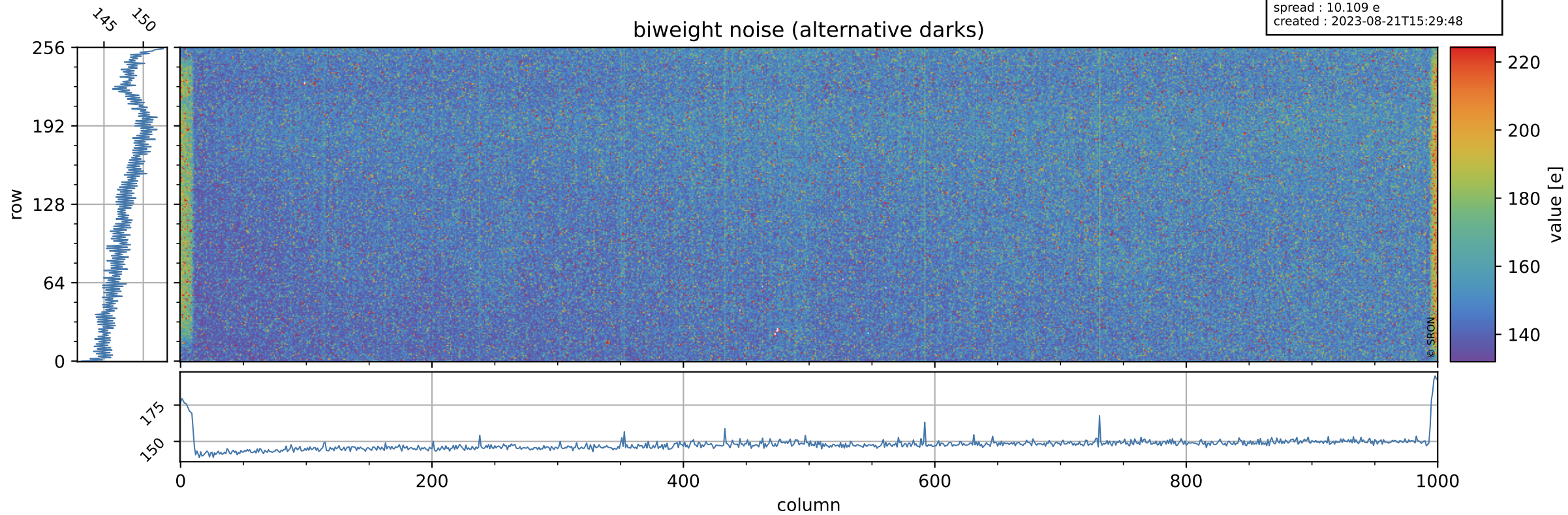
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.109 e
created : 2023-08-21T15:29:48

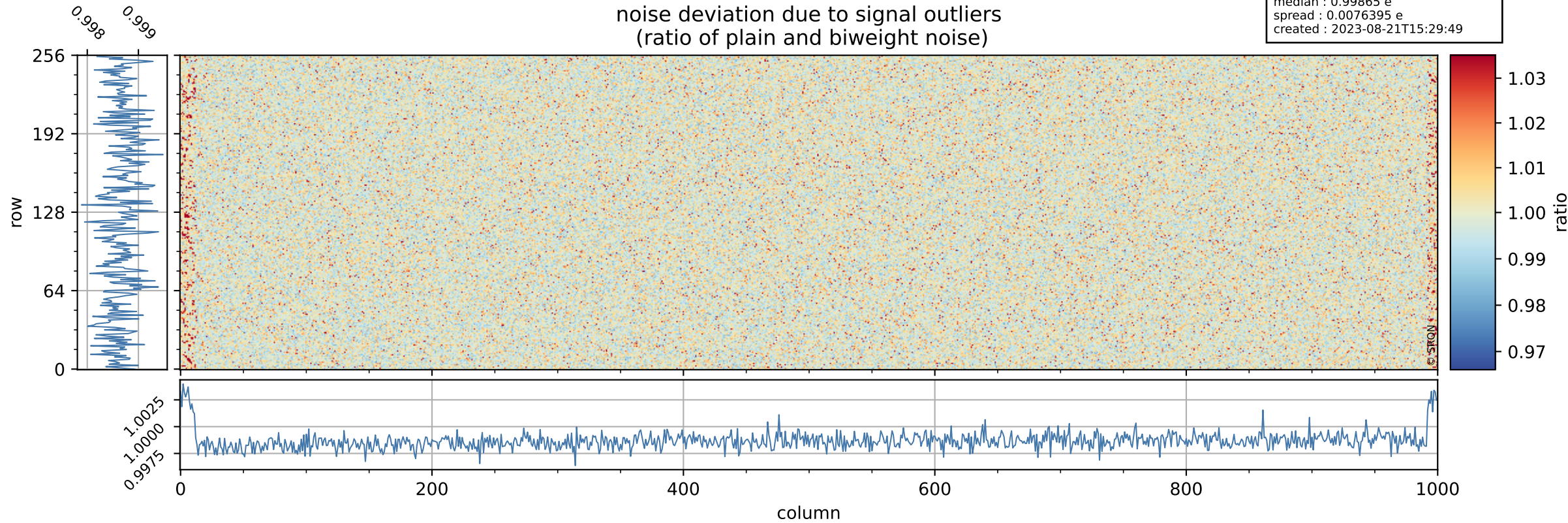
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

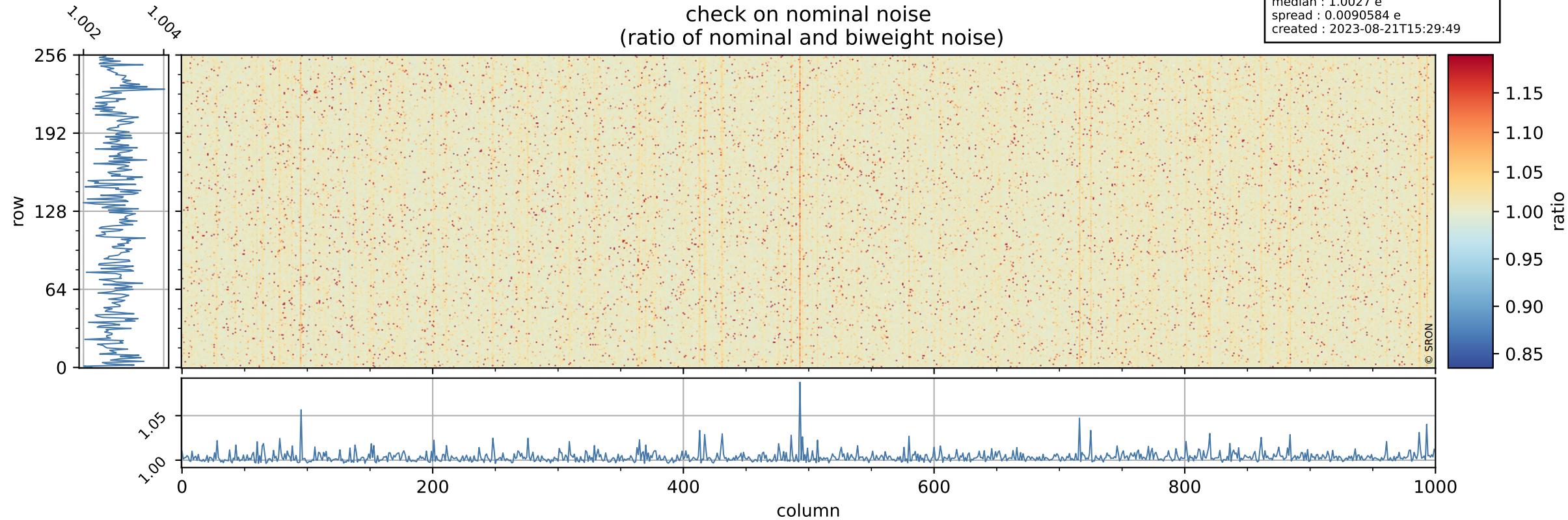
orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
median : 0.99865 e
spread : 0.0076395 e
created : 2023-08-21T15:29:49



Tropomi SWIR background noise (swir)

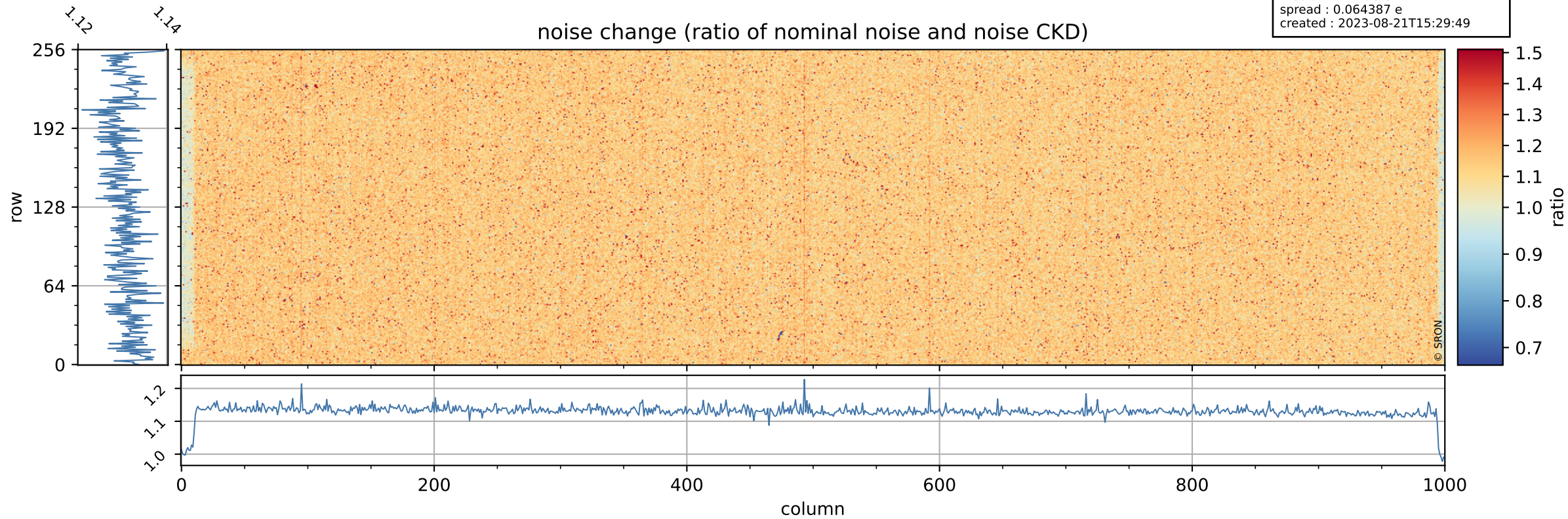
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
median : 1.0027 e
spread : 0.0090584 e
created : 2023-08-21T15:29:49



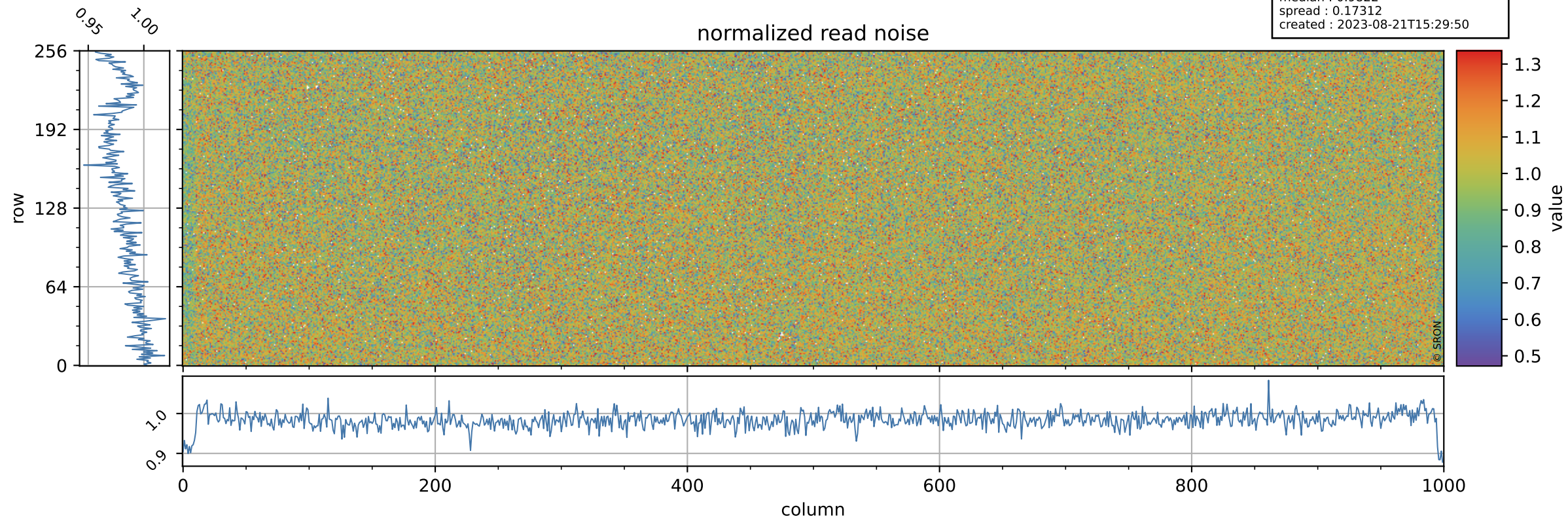
Tropomi SWIR background noise (swir)

orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
median : 1.1298 e
spread : 0.064387 e
created : 2023-08-21T15:29:49



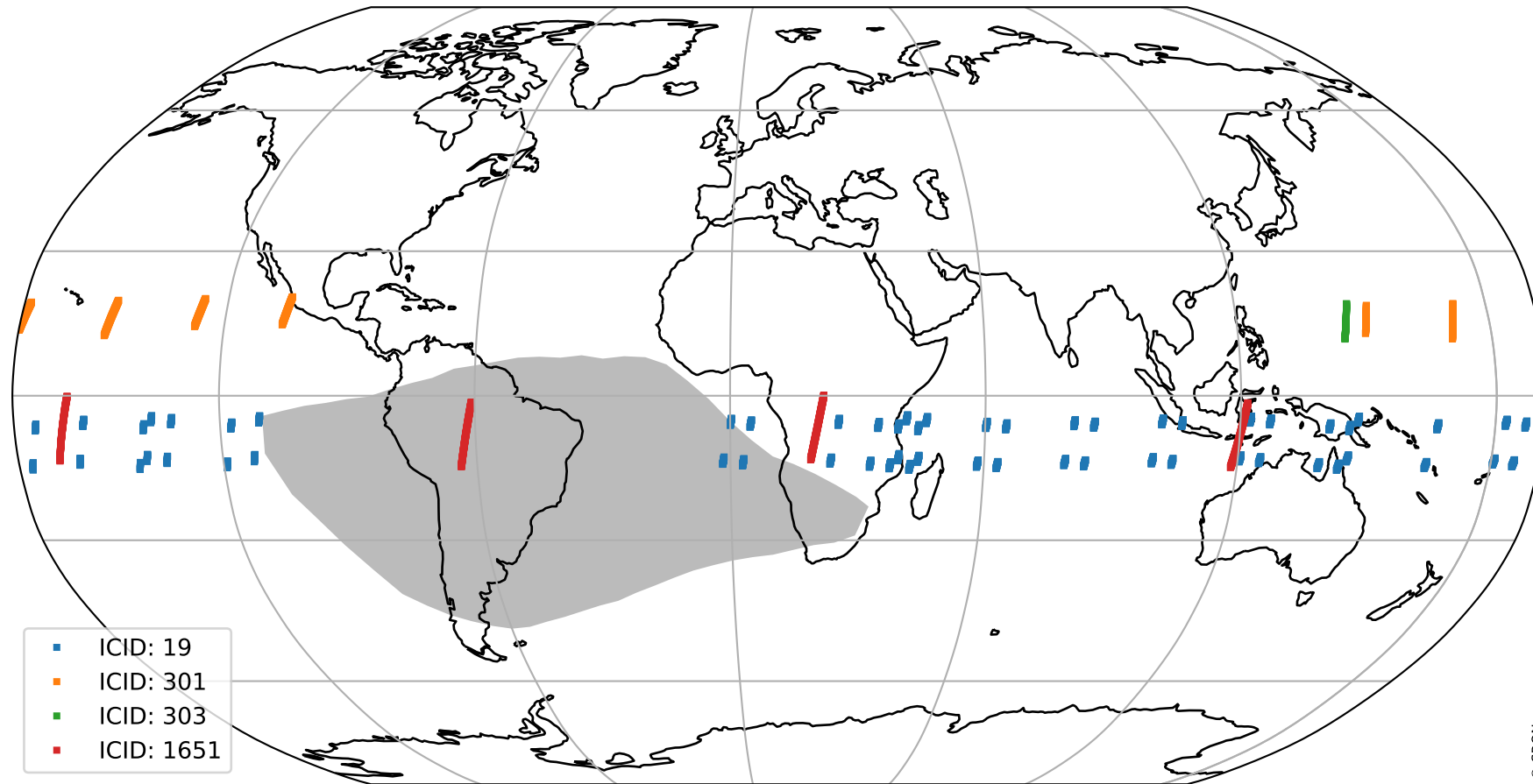
Tropomi SWIR background noise (swir)

orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
median : 0.9822
spread : 0.17312
created : 2023-08-21T15:29:50



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

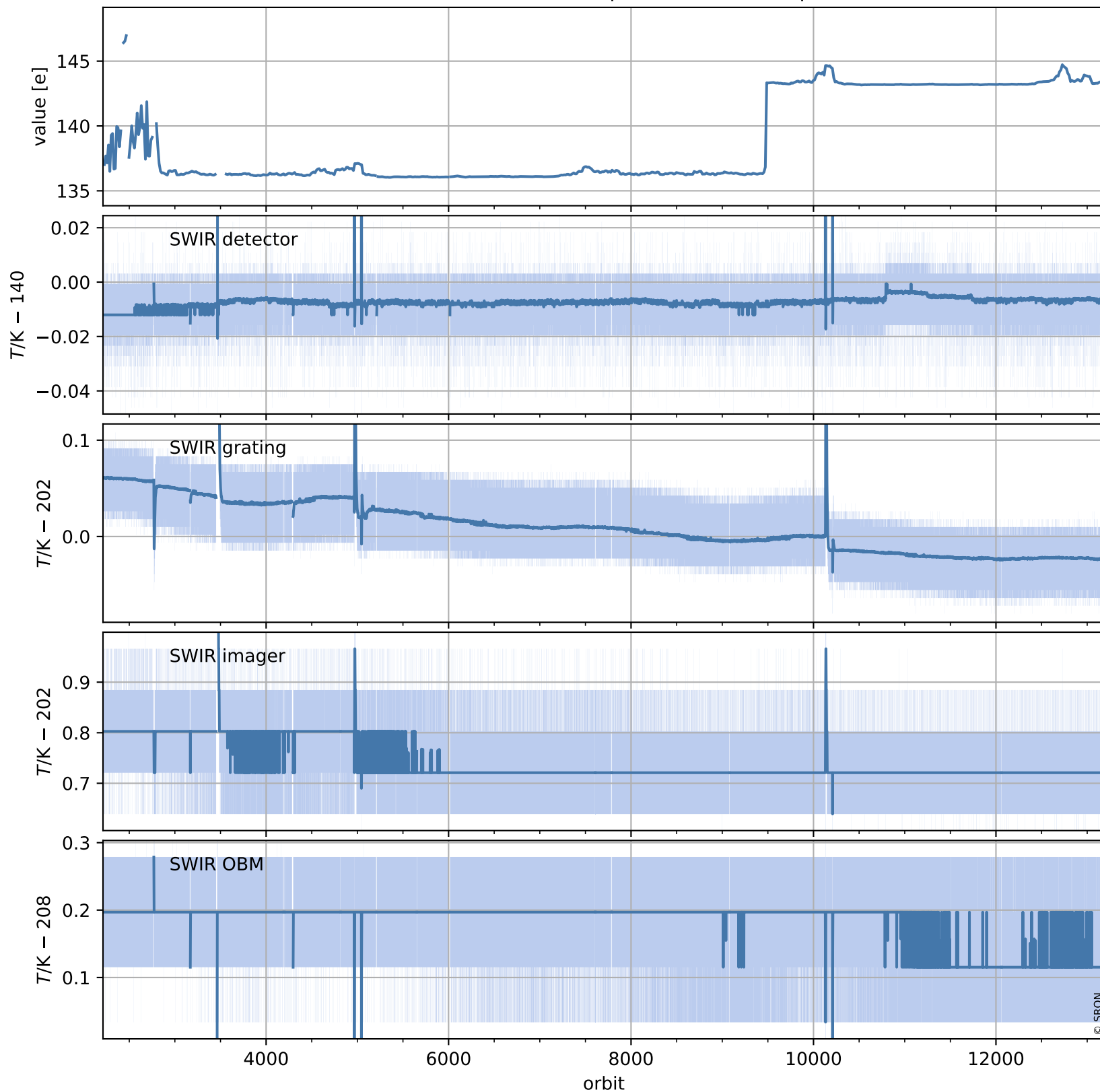
orbits : 12 in [13102, 13192]
coverage : 2020-04-24 / 2020-04-30
created : 2023-08-21T15:29:50



Tropomi SWIR background noise (swir)

orbits : [2212, 13192]
coverage : 2018-03-18 / 2020-04-30
created : 2023-08-21T15:29:50

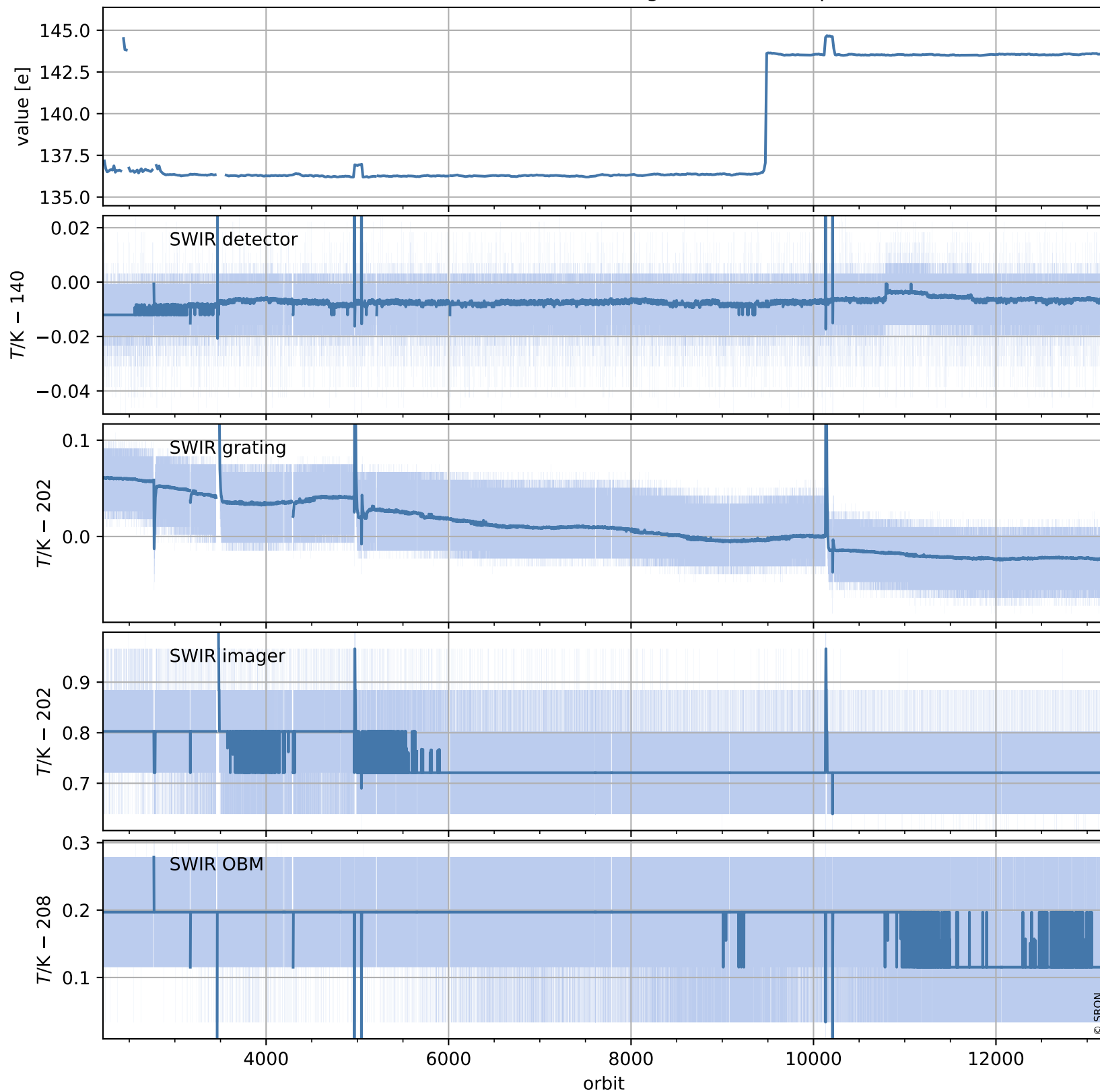
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13192]
coverage : 2018-03-18 / 2020-04-30
created : 2023-08-21T15:29:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13192]
coverage : 2018-03-18 / 2020-04-30
created : 2023-08-21T15:29:51

trend of normalized read-noise & temperatures

