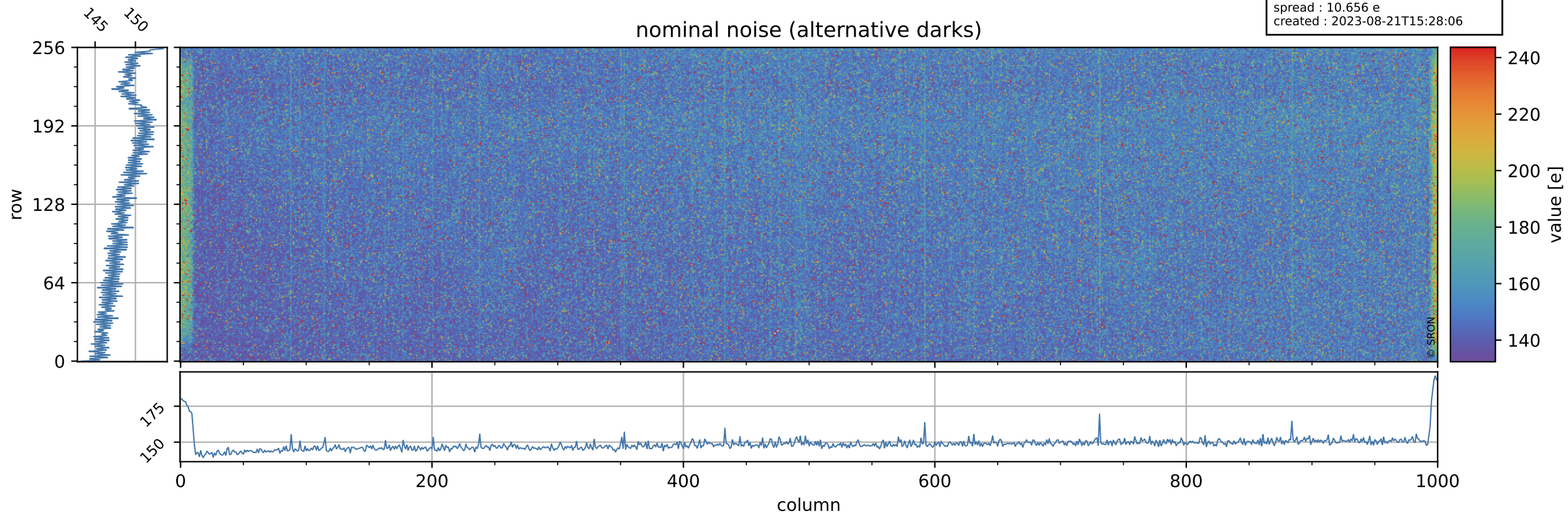


Tropomi SWIR background noise (swir)

orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.656 e
created : 2023-08-21T15:28:06

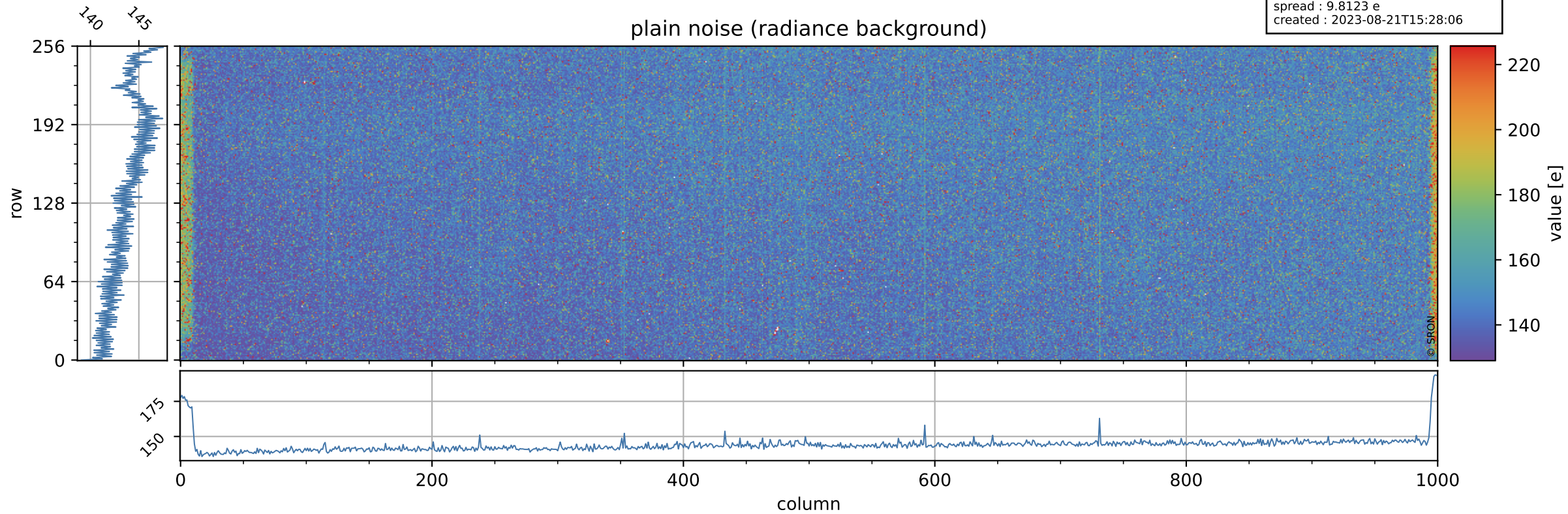
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.8123 e
created : 2023-08-21T15:28:06

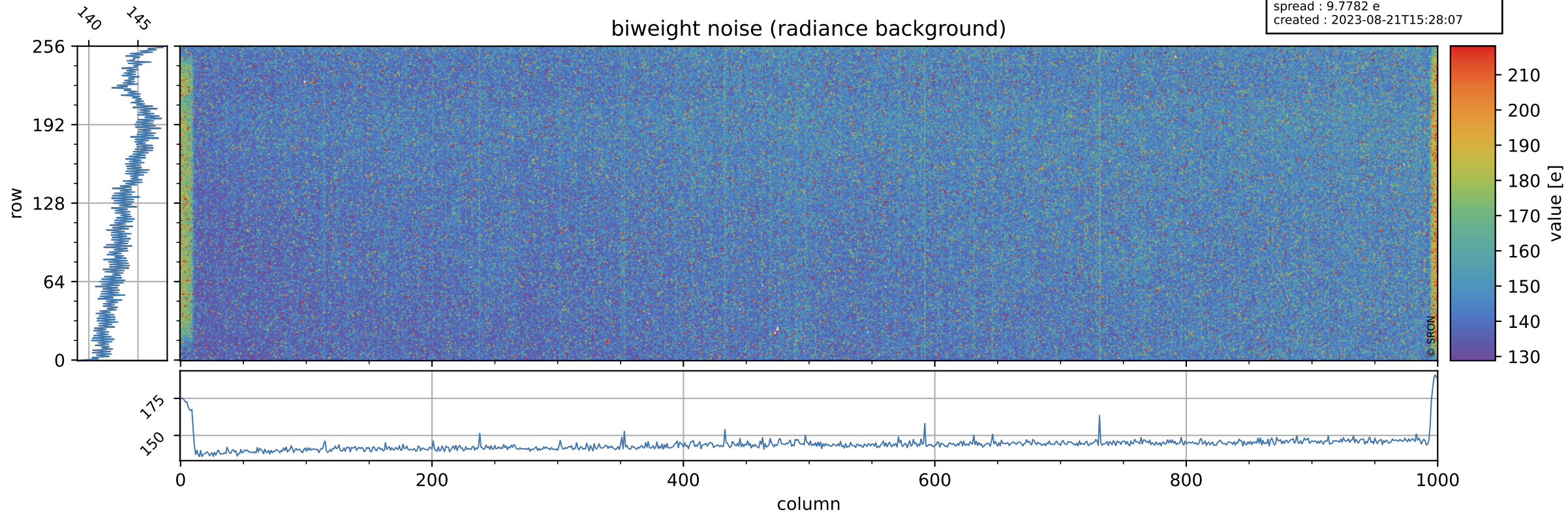
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.7782 e
created : 2023-08-21T15:28:07

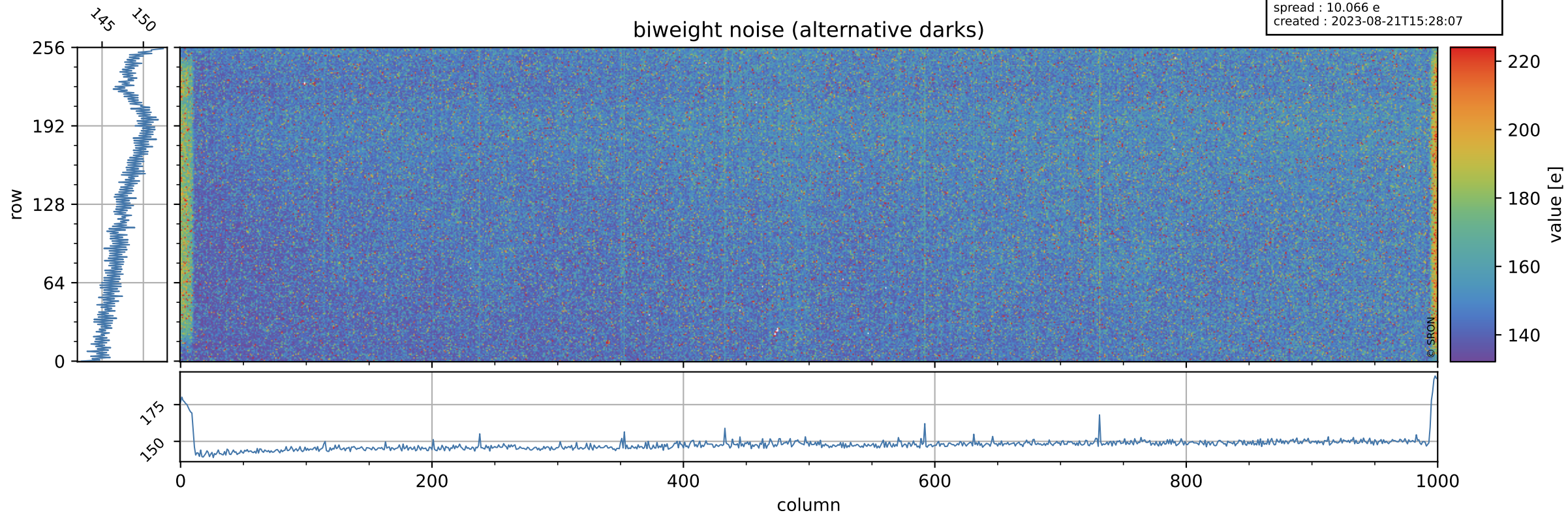
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.066 e
created : 2023-08-21T15:28:07

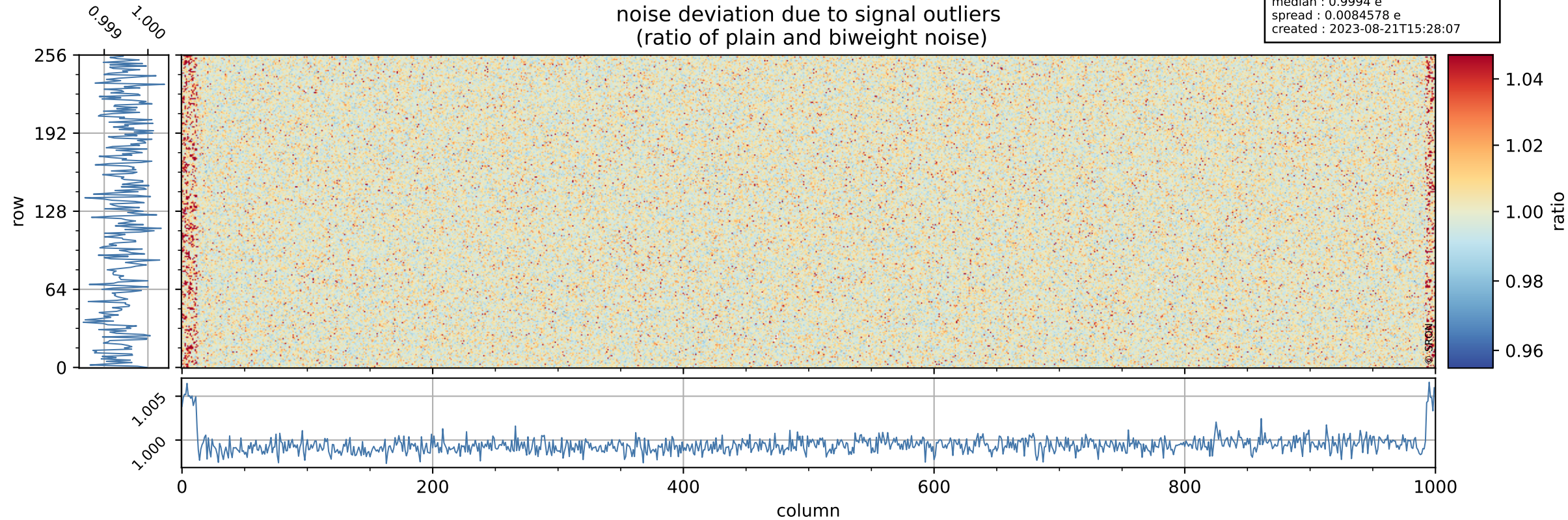
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

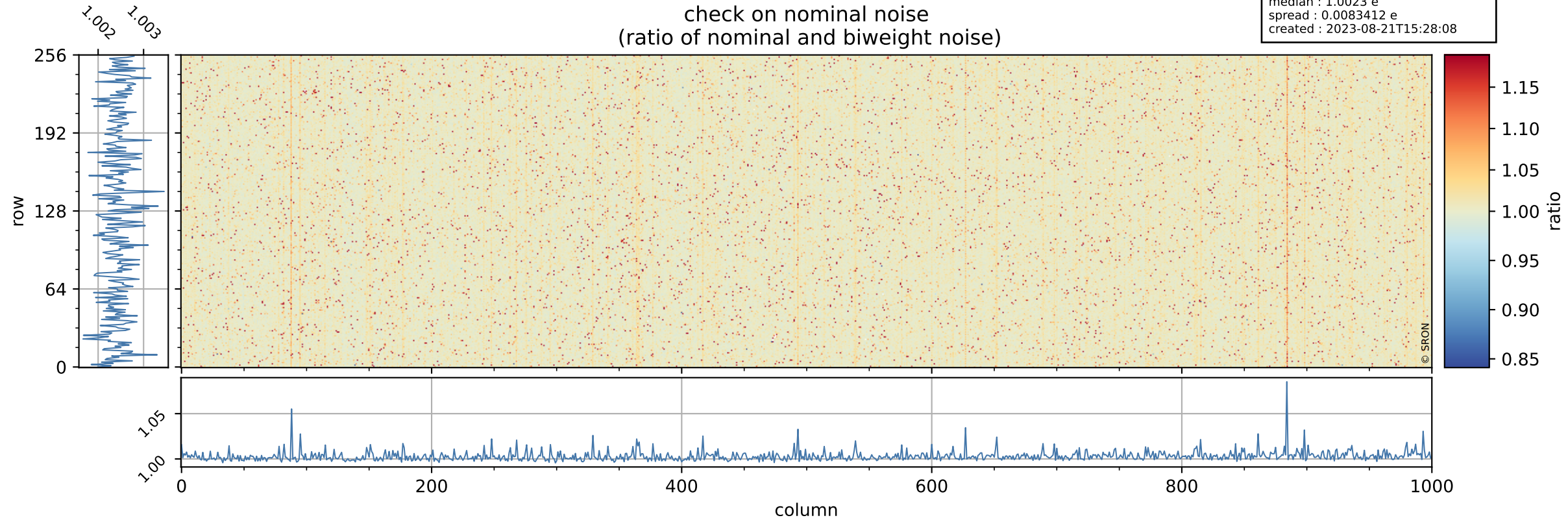
orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
median : 0.9994 e
spread : 0.0084578 e
created : 2023-08-21T15:28:07



Tropomi SWIR background noise (swir)

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

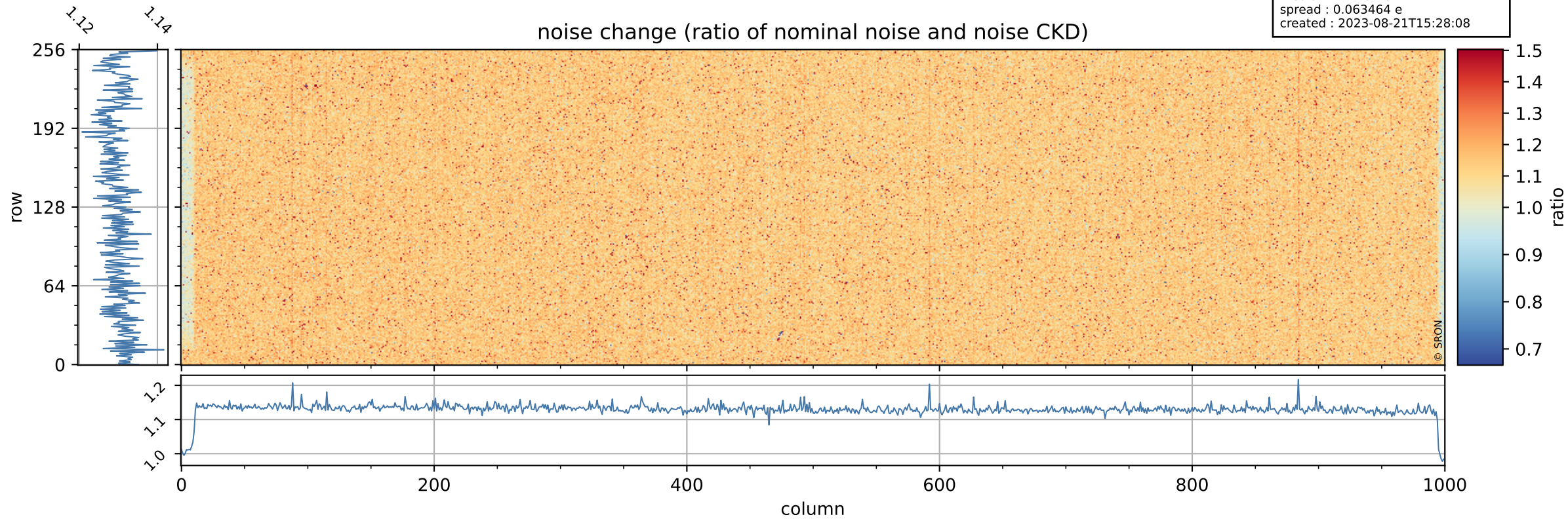
orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
median : 1.0023 e
spread : 0.0083412 e
created : 2023-08-21T15:28:08



Tropomi SWIR background noise (swir)

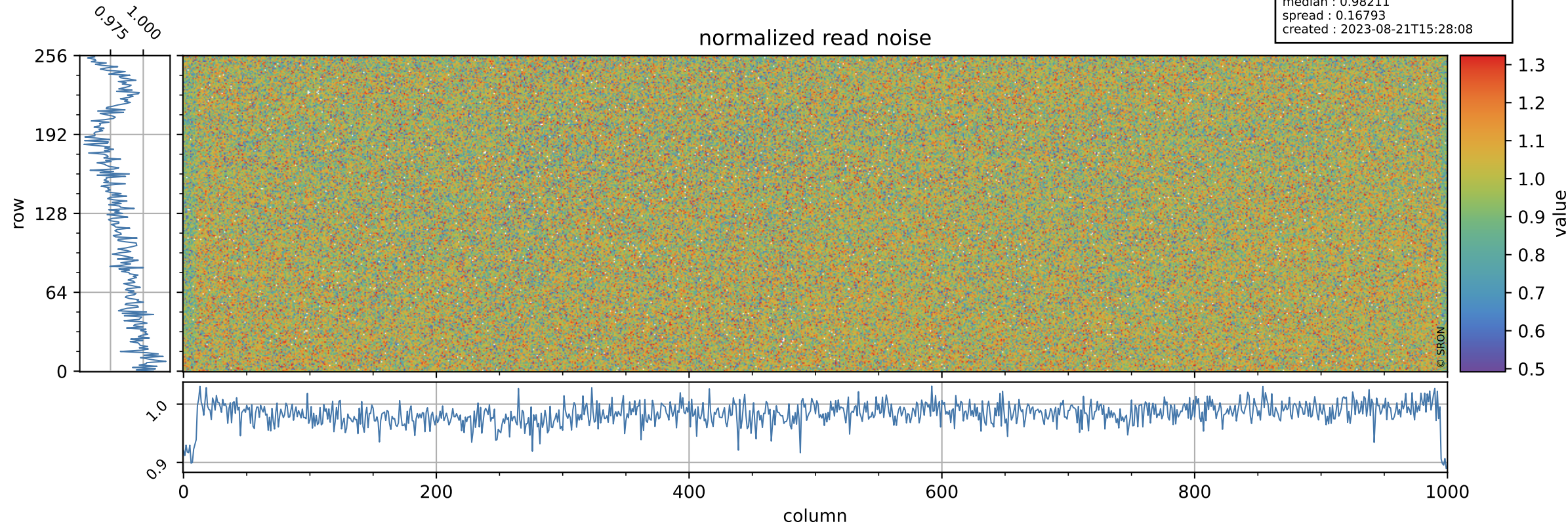
orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
median : 1.1292 e
spread : 0.063464 e
created : 2023-08-21T15:28:08

noise change (ratio of nominal noise and noise CKD)



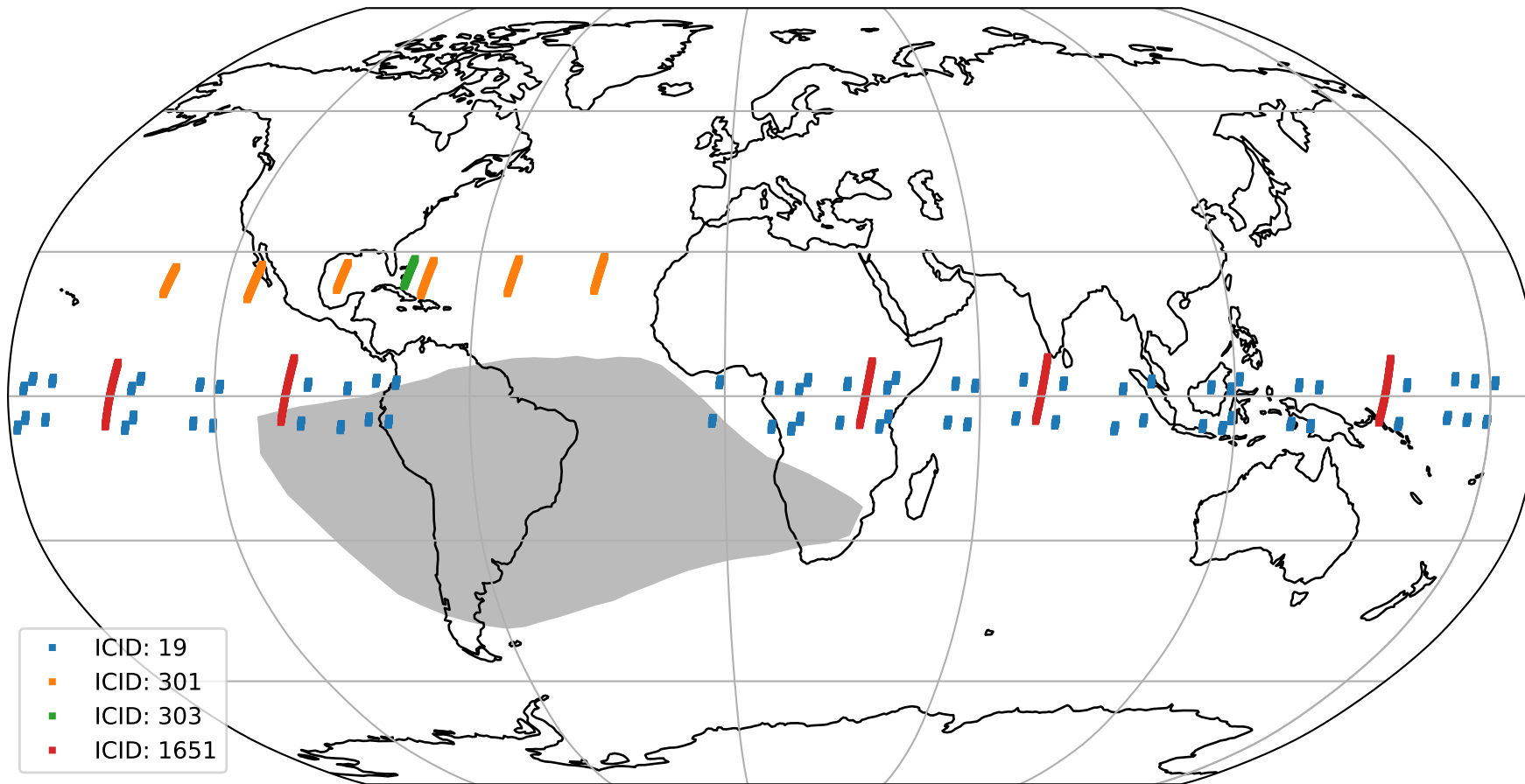
Tropomi SWIR background noise (swir)

orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
median : 0.98211
spread : 0.16793
created : 2023-08-21T15:28:08



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

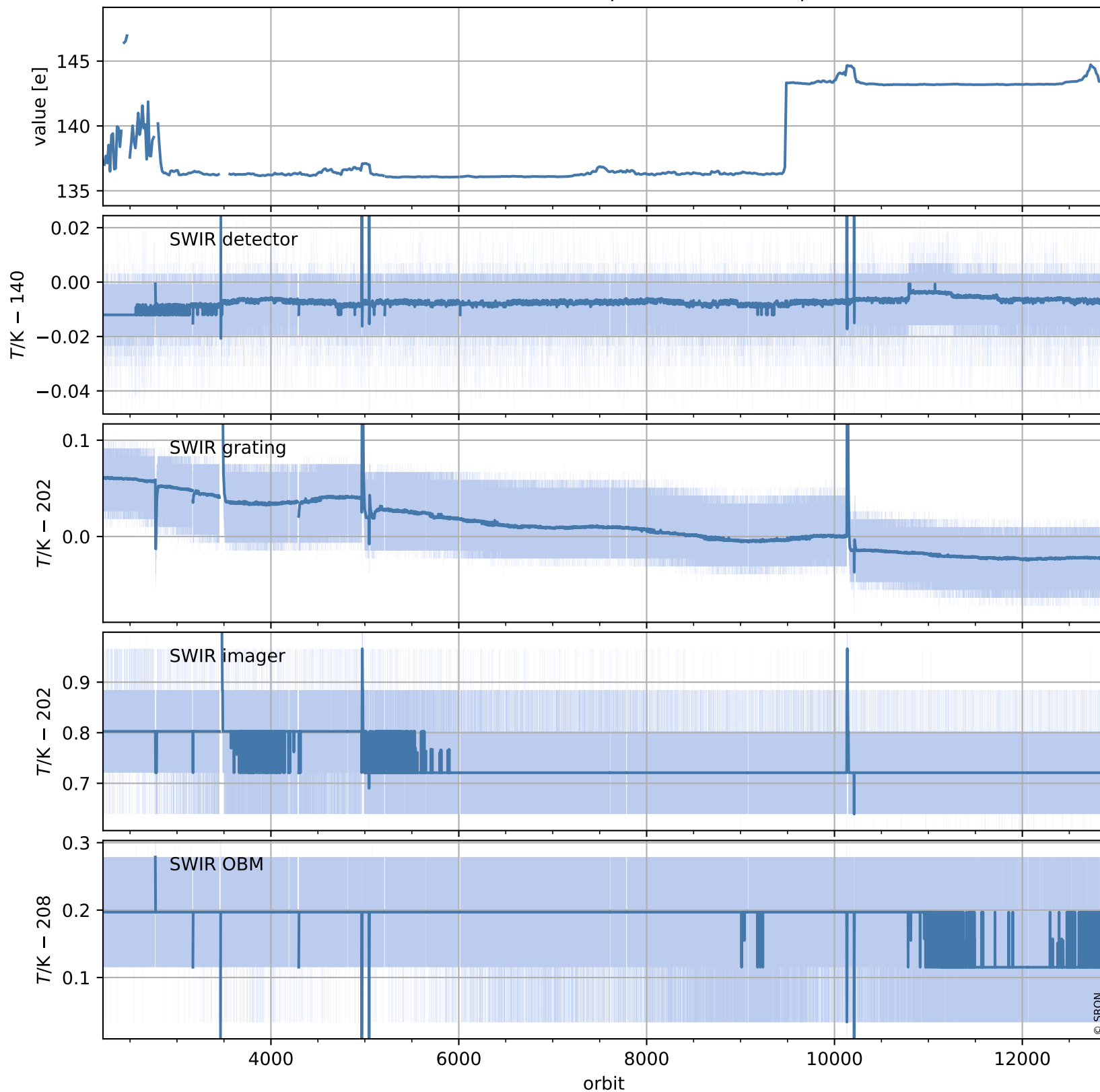
orbits : 12 in [12802, 12877]
coverage : 2020-04-02 / 2020-04-07
created : 2023-08-21T15:28:09



Tropomi SWIR background noise (swir)

orbits : [2212, 12877]
coverage : 2018-03-18 / 2020-04-07
created : 2023-08-21T15:28:09

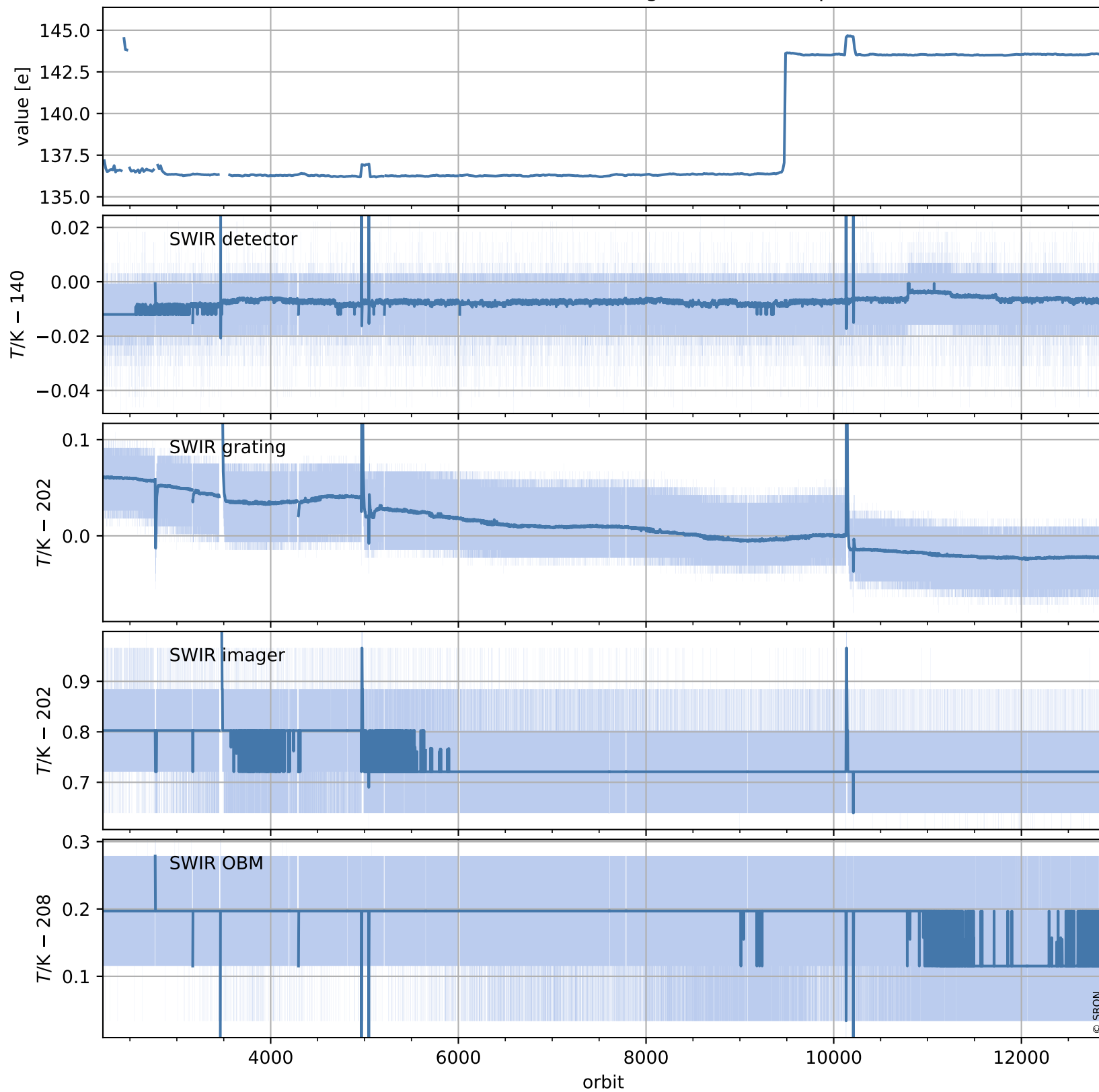
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12877]
coverage : 2018-03-18 / 2020-04-07
created : 2023-08-21T15:28:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12877]
coverage : 2018-03-18 / 2020-04-07
created : 2023-08-21T15:28:10

trend of normalized read-noise & temperatures

