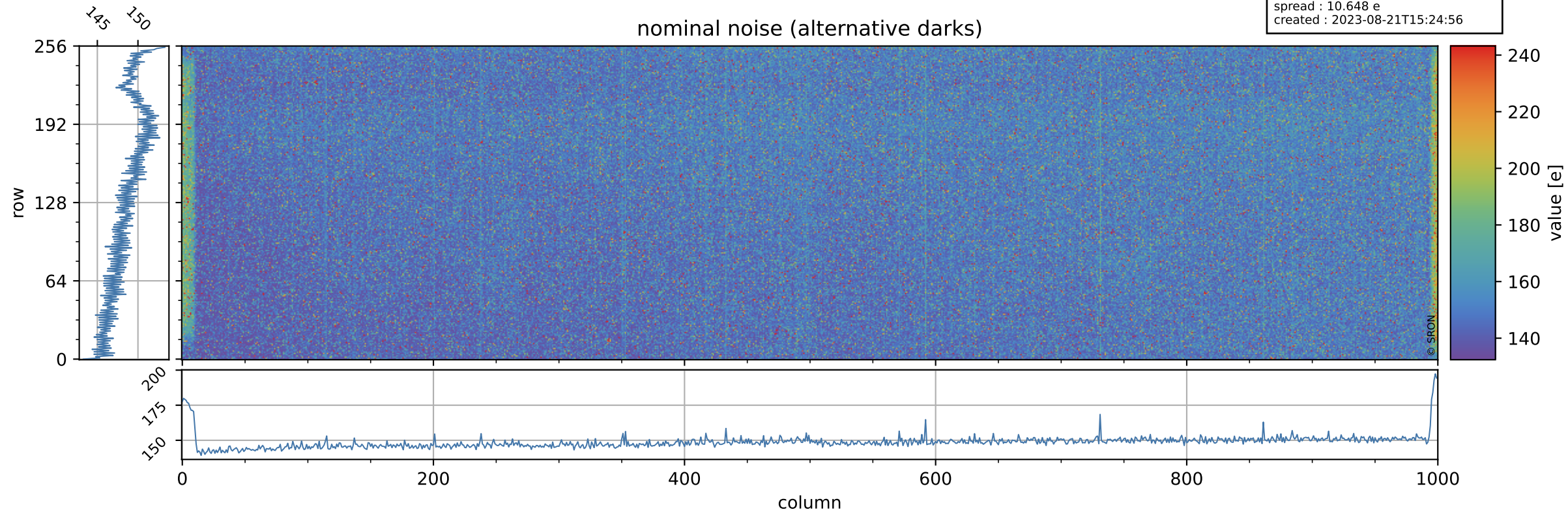


Tropomi SWIR background noise (swir)

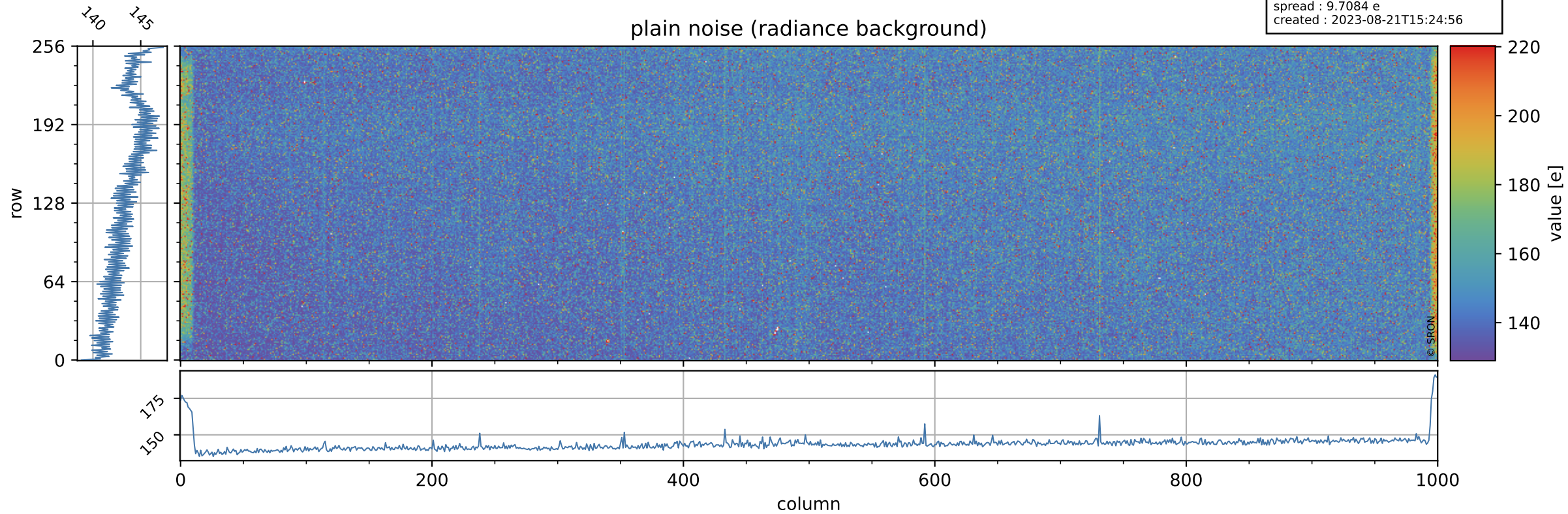
orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.648 e
created : 2023-08-21T15:24:56



Tropomi SWIR background noise (swir)

orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
n_coad, t_exp : 1, 0.8383
median : 143.36 e
spread : 9.7084 e
created : 2023-08-21T15:24:56

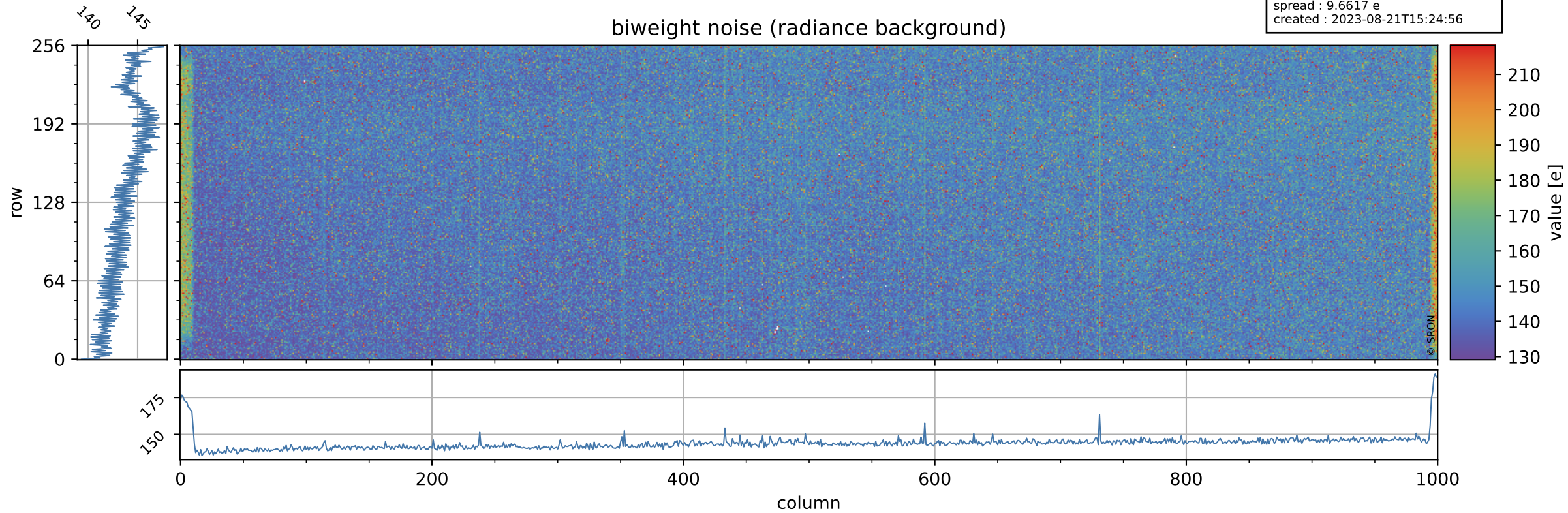
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.6617 e
created : 2023-08-21T15:24:56

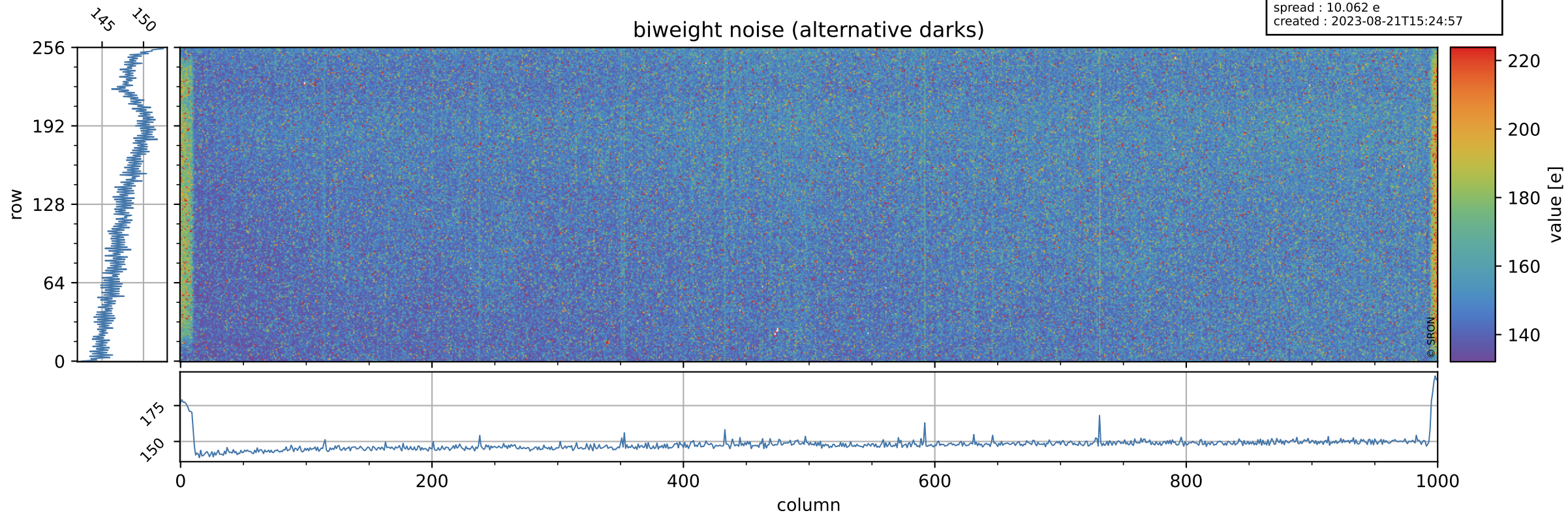
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.062 e
created : 2023-08-21T15:24:57

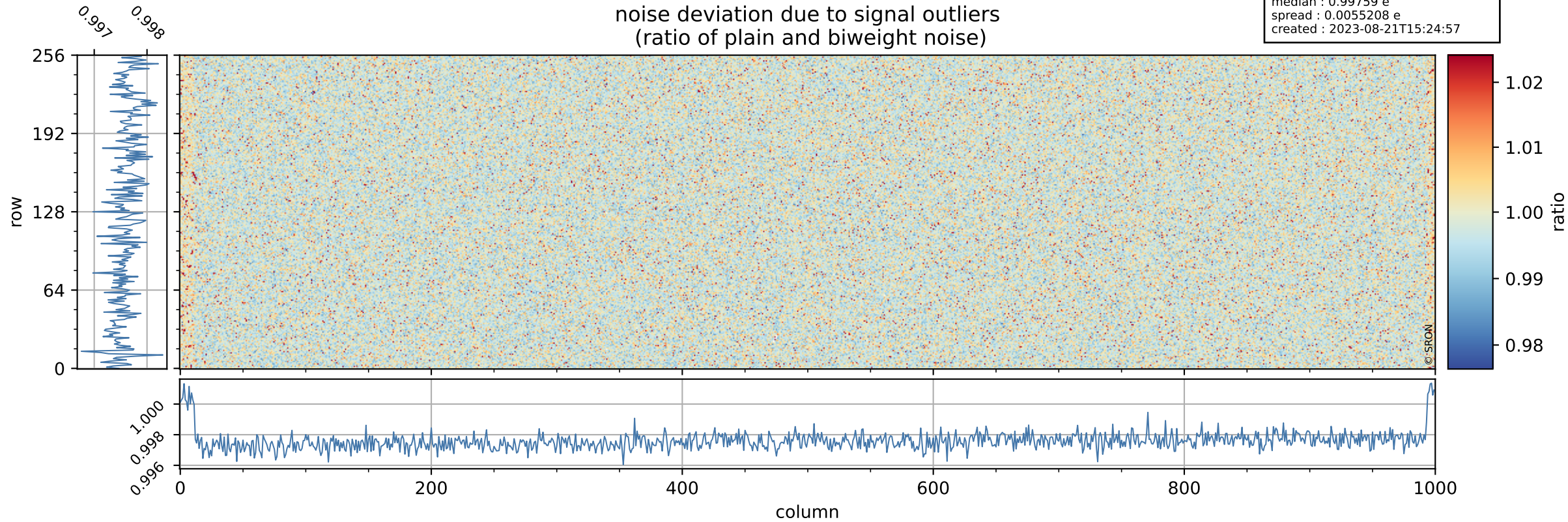
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

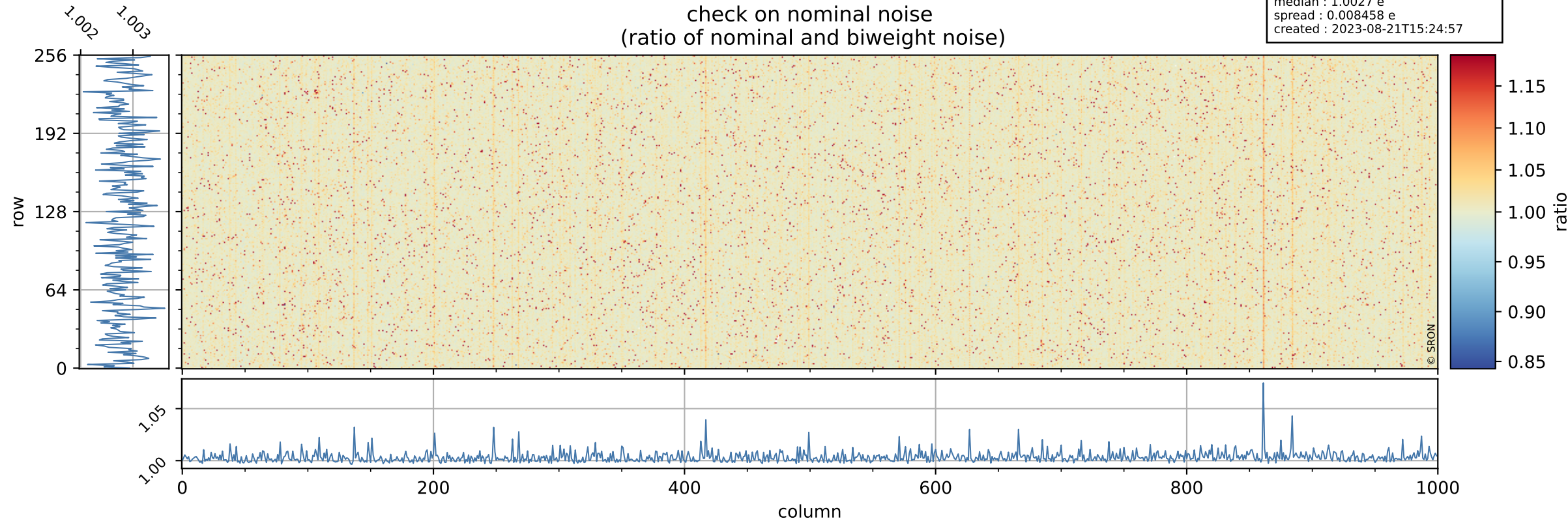
orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
median : 0.99759 e
spread : 0.0055208 e
created : 2023-08-21T15:24:57



Tropomi SWIR background noise (swir)

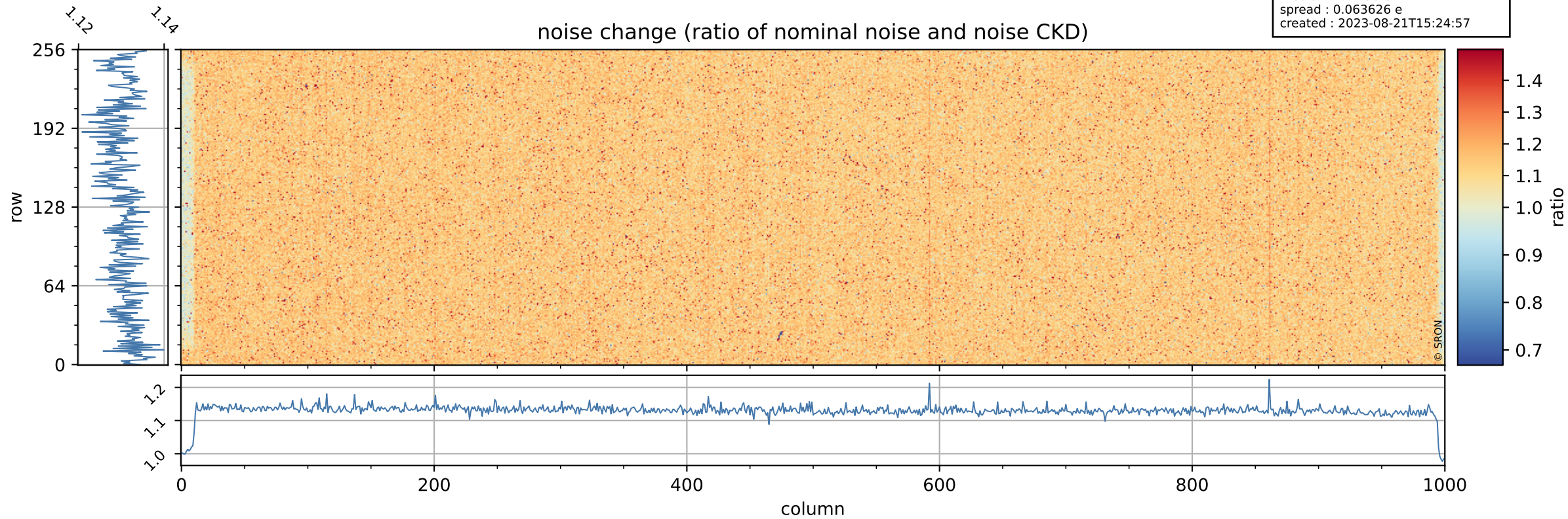
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
median : 1.0027 e
spread : 0.008458 e
created : 2023-08-21T15:24:57



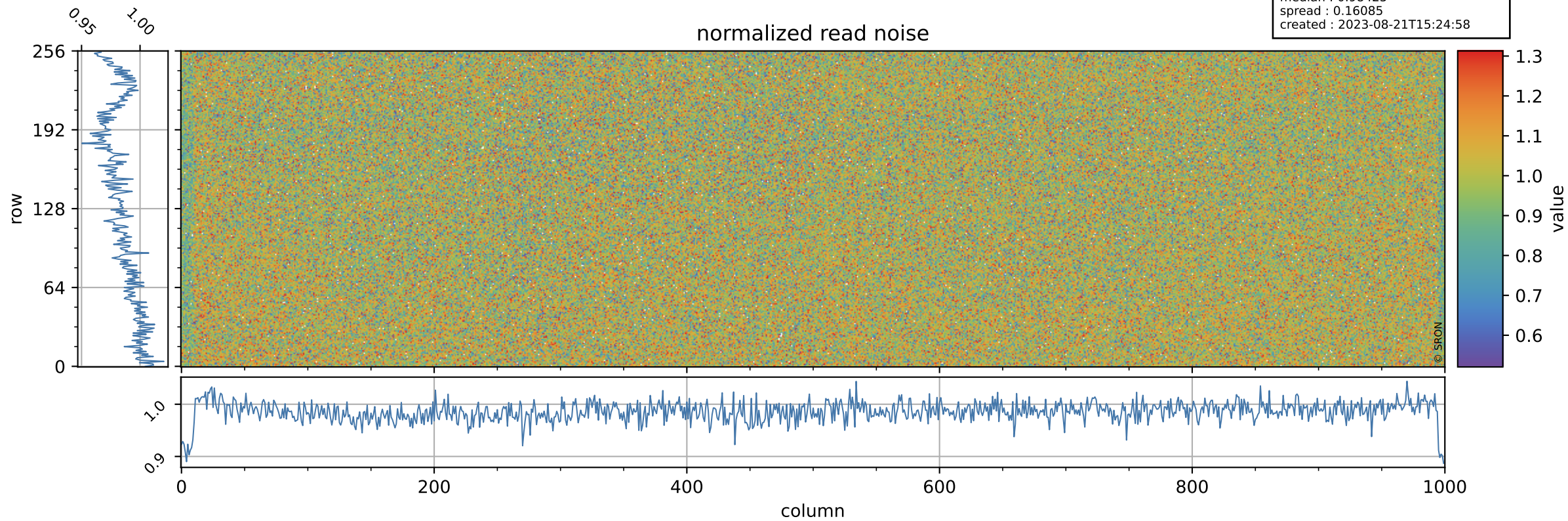
Tropomi SWIR background noise (swir)

orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
median : 1.1296 e
spread : 0.063626 e
created : 2023-08-21T15:24:57



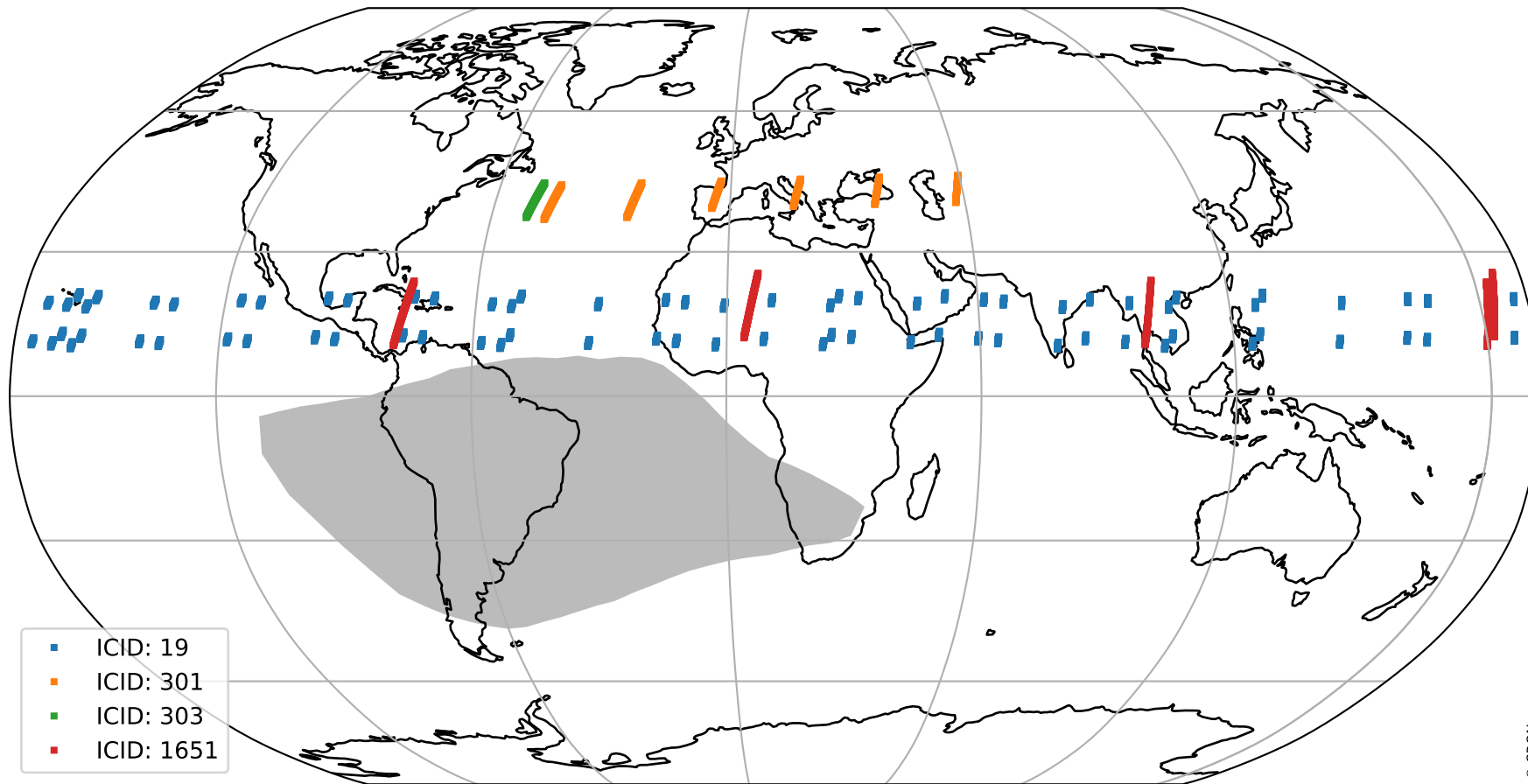
Tropomi SWIR background noise (swir)

orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
median : 0.98425
spread : 0.16085
created : 2023-08-21T15:24:58



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

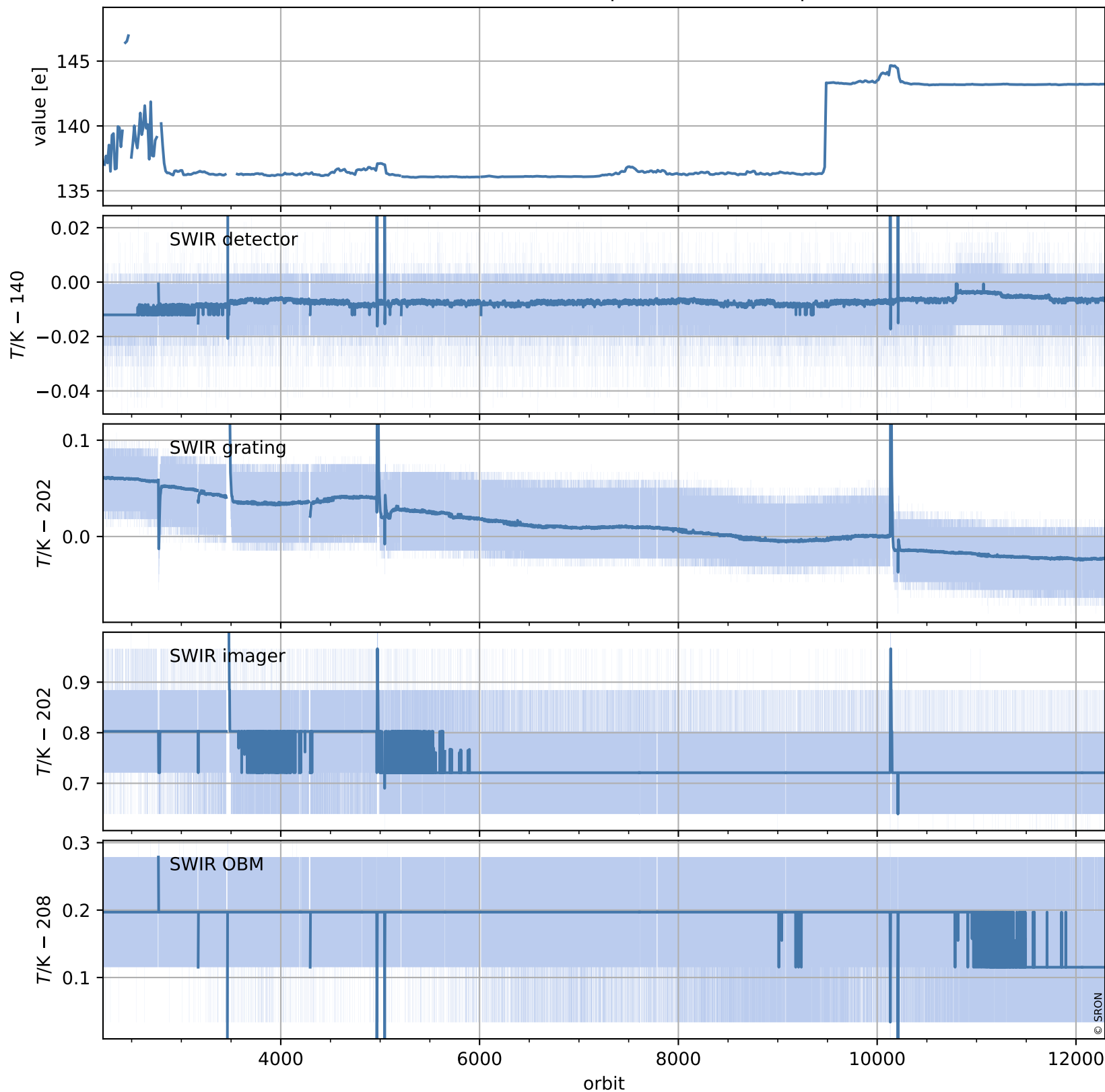
orbits : 12 in [12202, 12292]
coverage : 2020-02-20 / 2020-02-26
created : 2023-08-21T15:24:58



Tropomi SWIR background noise (swir)

orbits : [2212, 12292]
coverage : 2018-03-18 / 2020-02-26
created : 2023-08-21T15:24:58

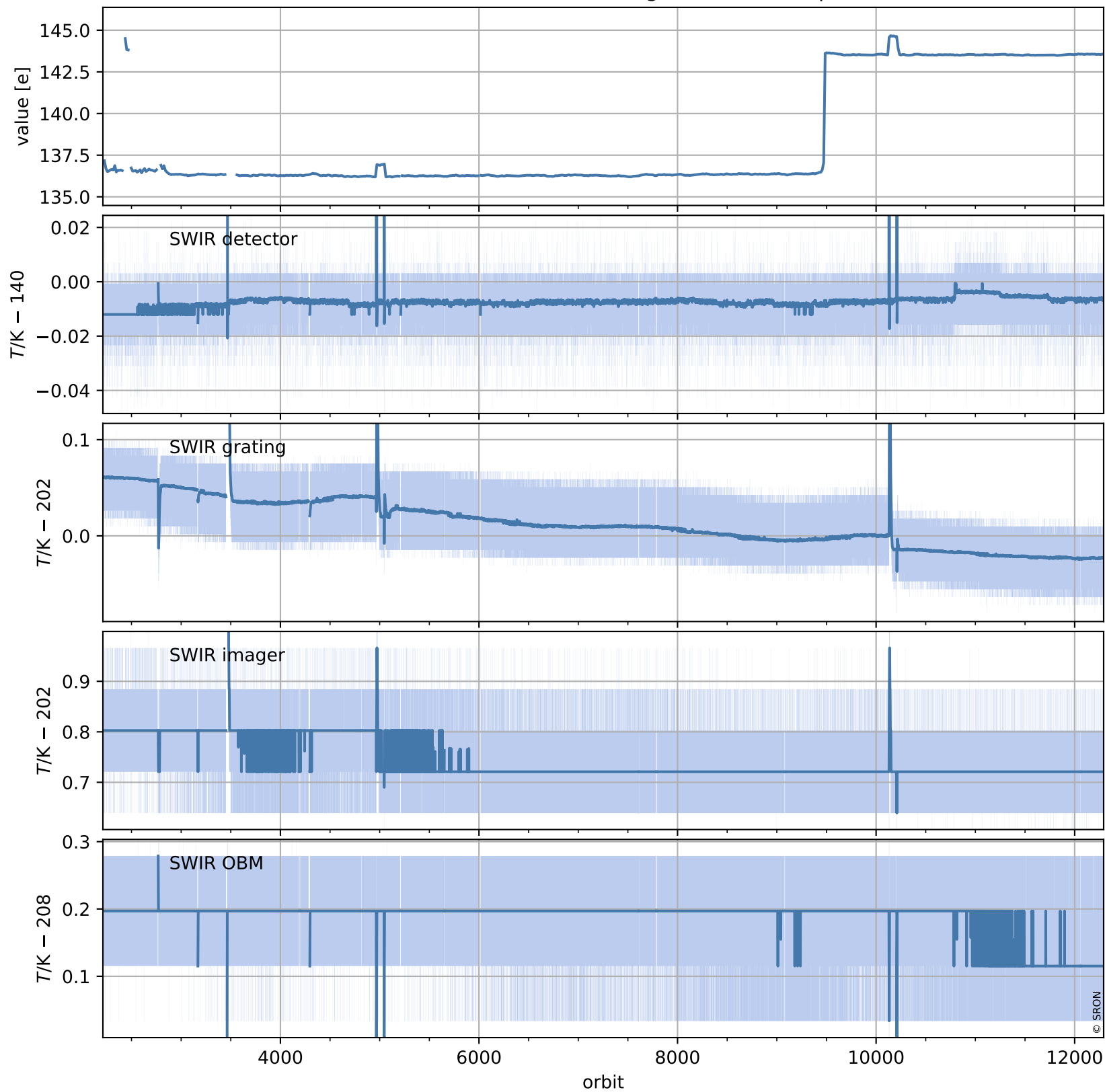
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12292]
coverage : 2018-03-18 / 2020-02-26
created : 2023-08-21T15:24:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12292]
coverage : 2018-03-18 / 2020-02-26
created : 2023-08-21T15:25:00

trend of normalized read-noise & temperatures

