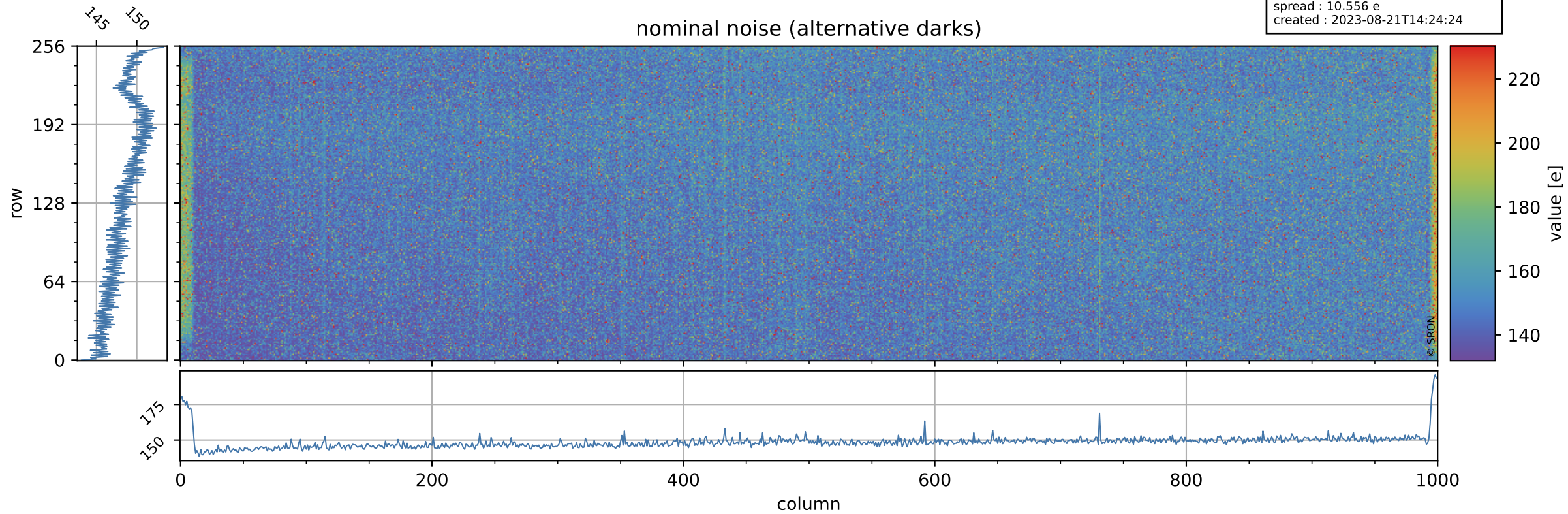


Tropomi SWIR background noise (swir)

orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.556 e
created : 2023-08-21T14:24:24

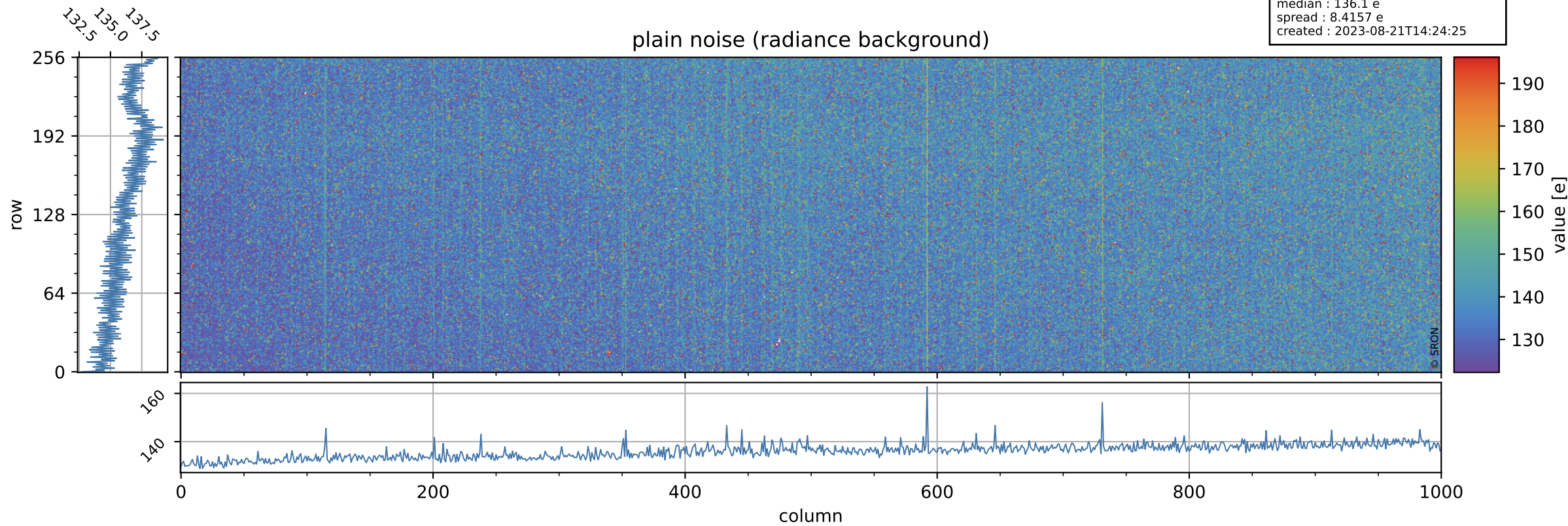
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
n_coad, t_exp : 2, 0.5383
median : 136.1 e
spread : 8.4157 e
created : 2023-08-21T14:24:25

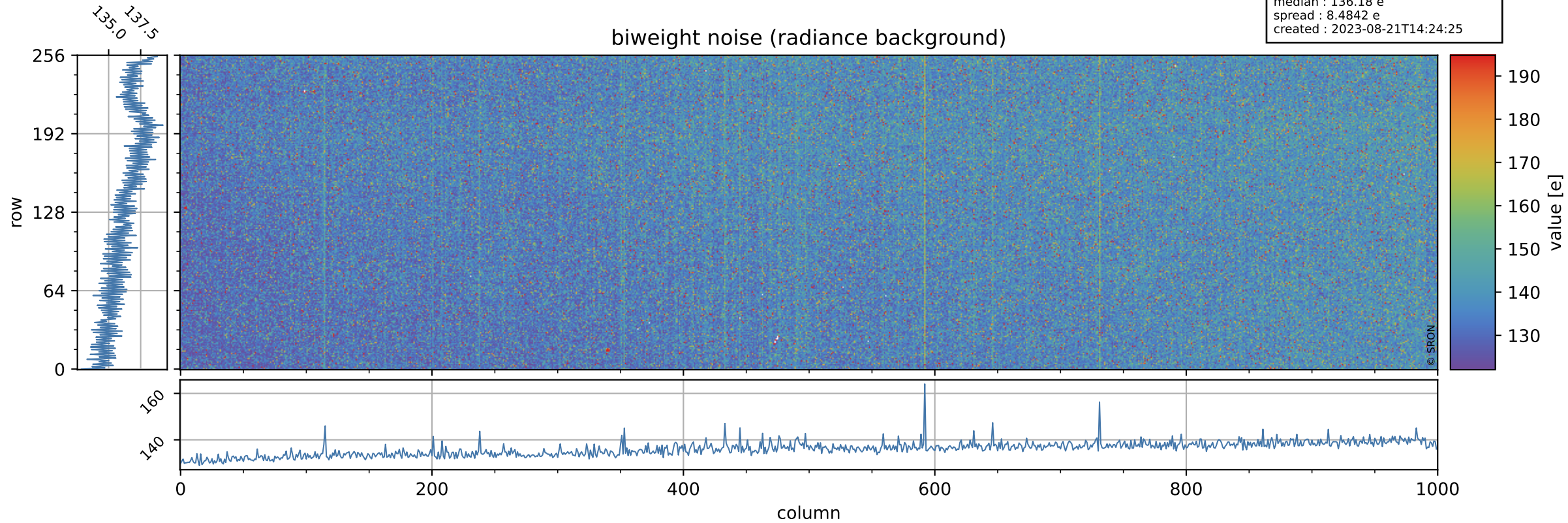
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4842 e
created : 2023-08-21T14:24:25

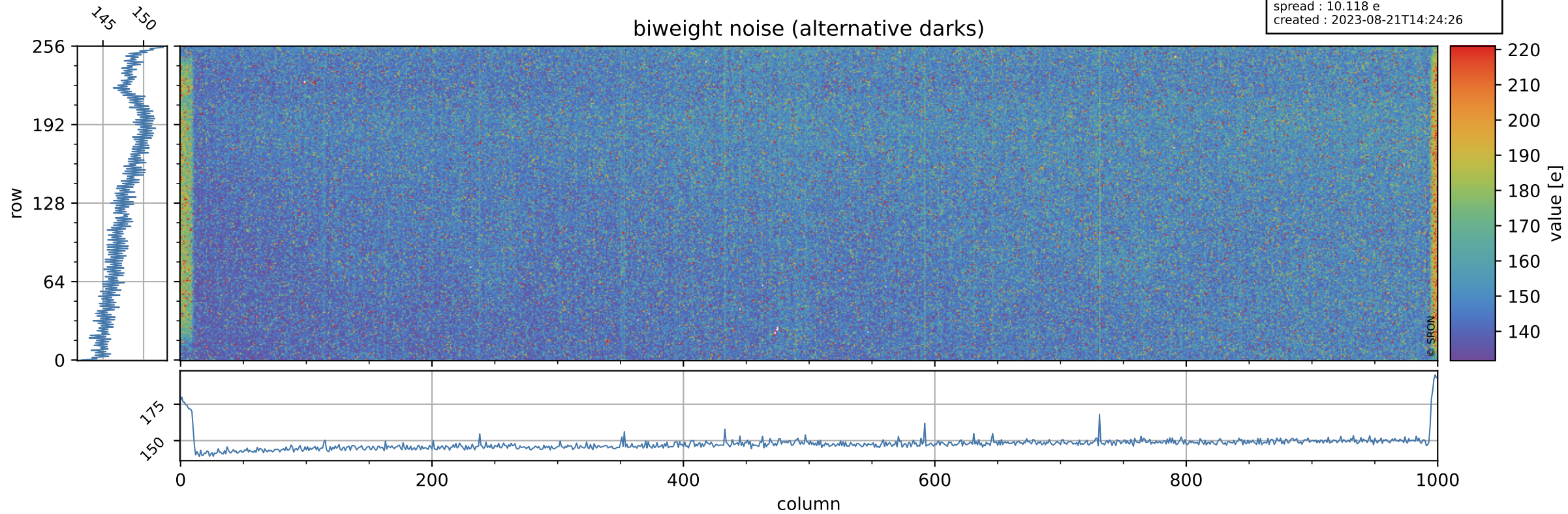
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.118 e
created : 2023-08-21T14:24:26

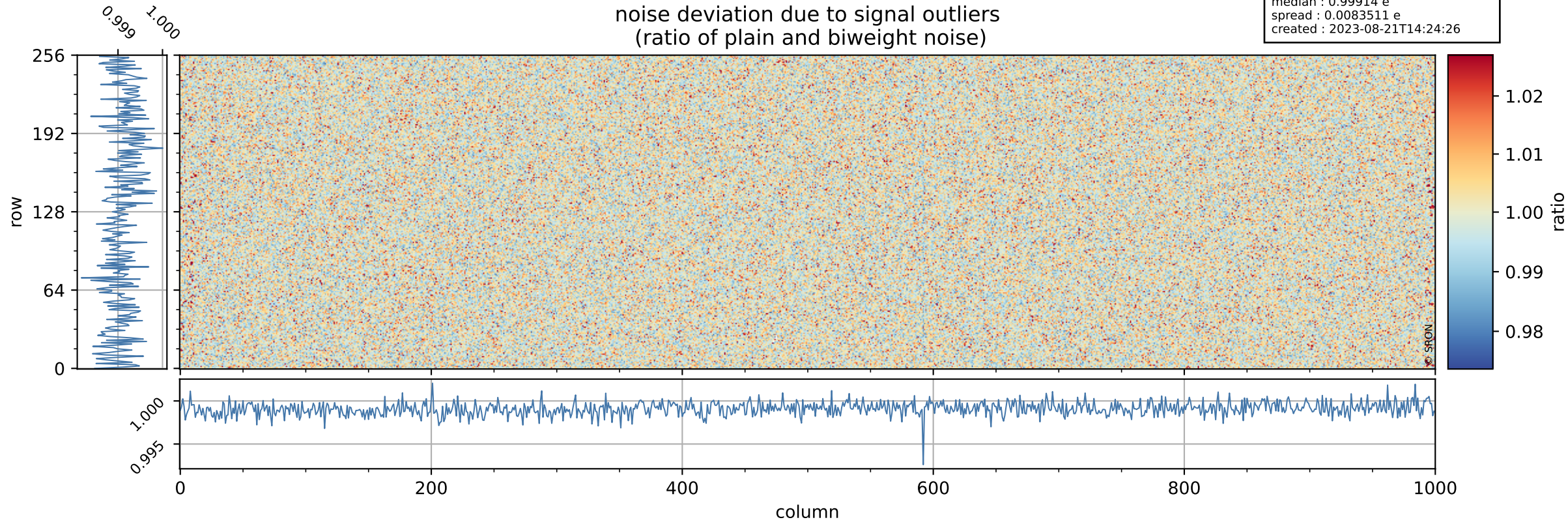
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

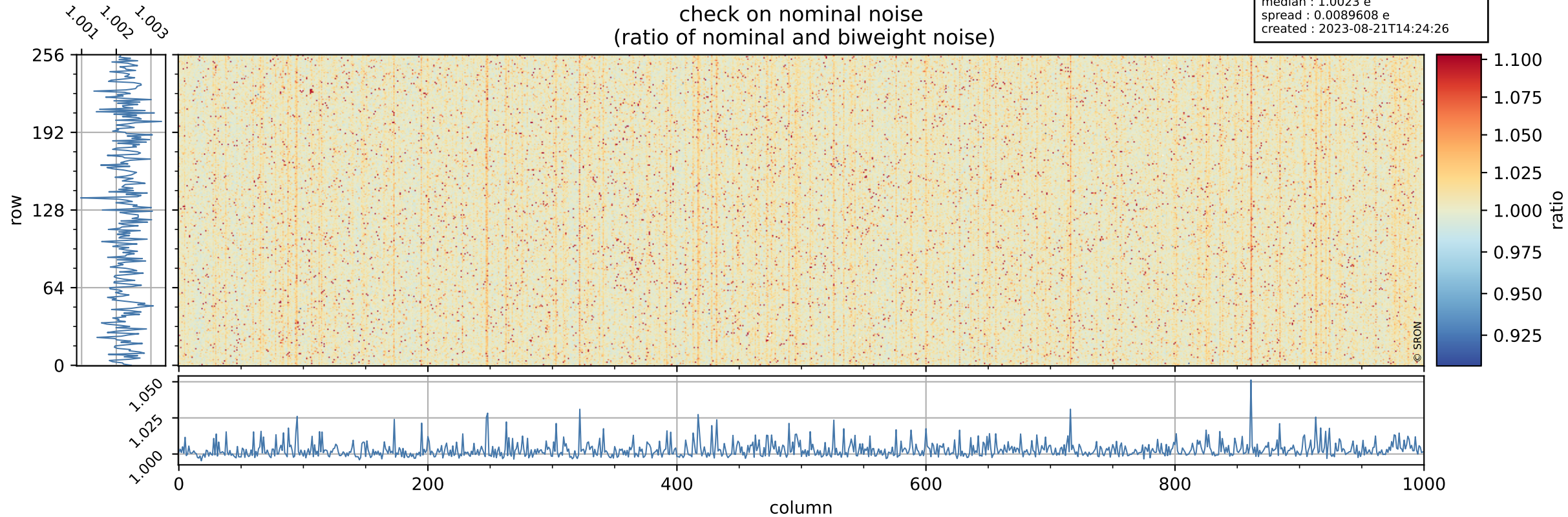
orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
median : 0.99914 e
spread : 0.0083511 e
created : 2023-08-21T14:24:26



Tropomi SWIR background noise (swir)

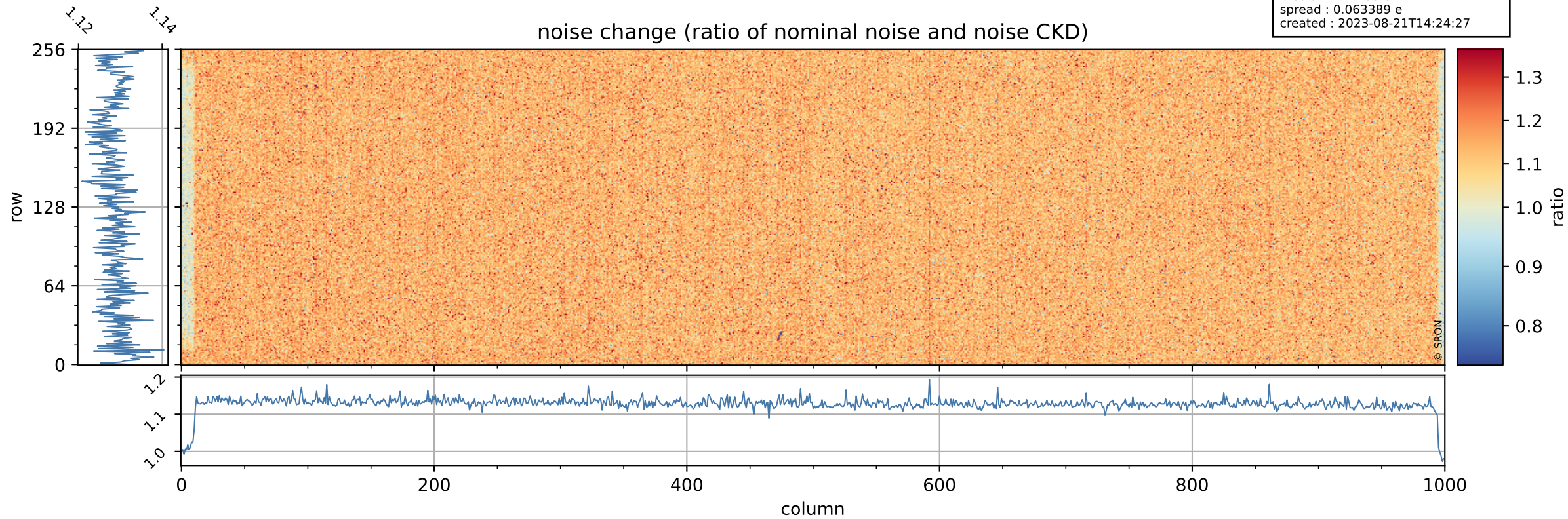
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
median : 1.0023 e
spread : 0.0089608 e
created : 2023-08-21T14:24:26



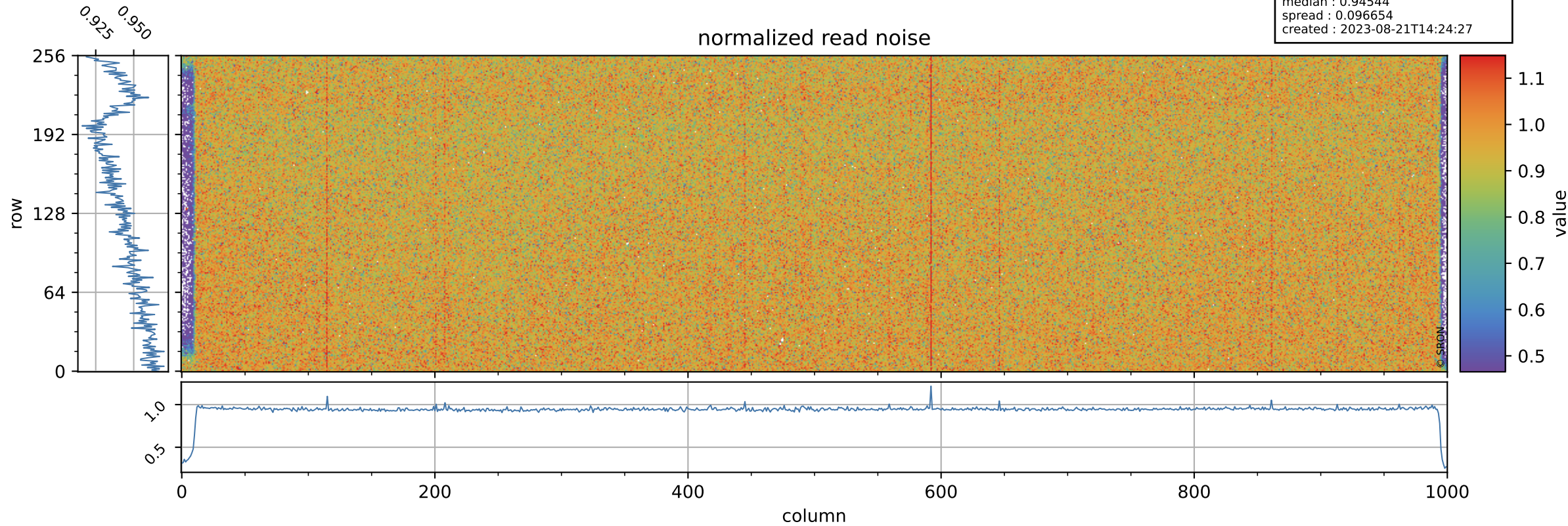
Tropomi SWIR background noise (swir)

orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
median : 1.1283 e
spread : 0.063389 e
created : 2023-08-21T14:24:27



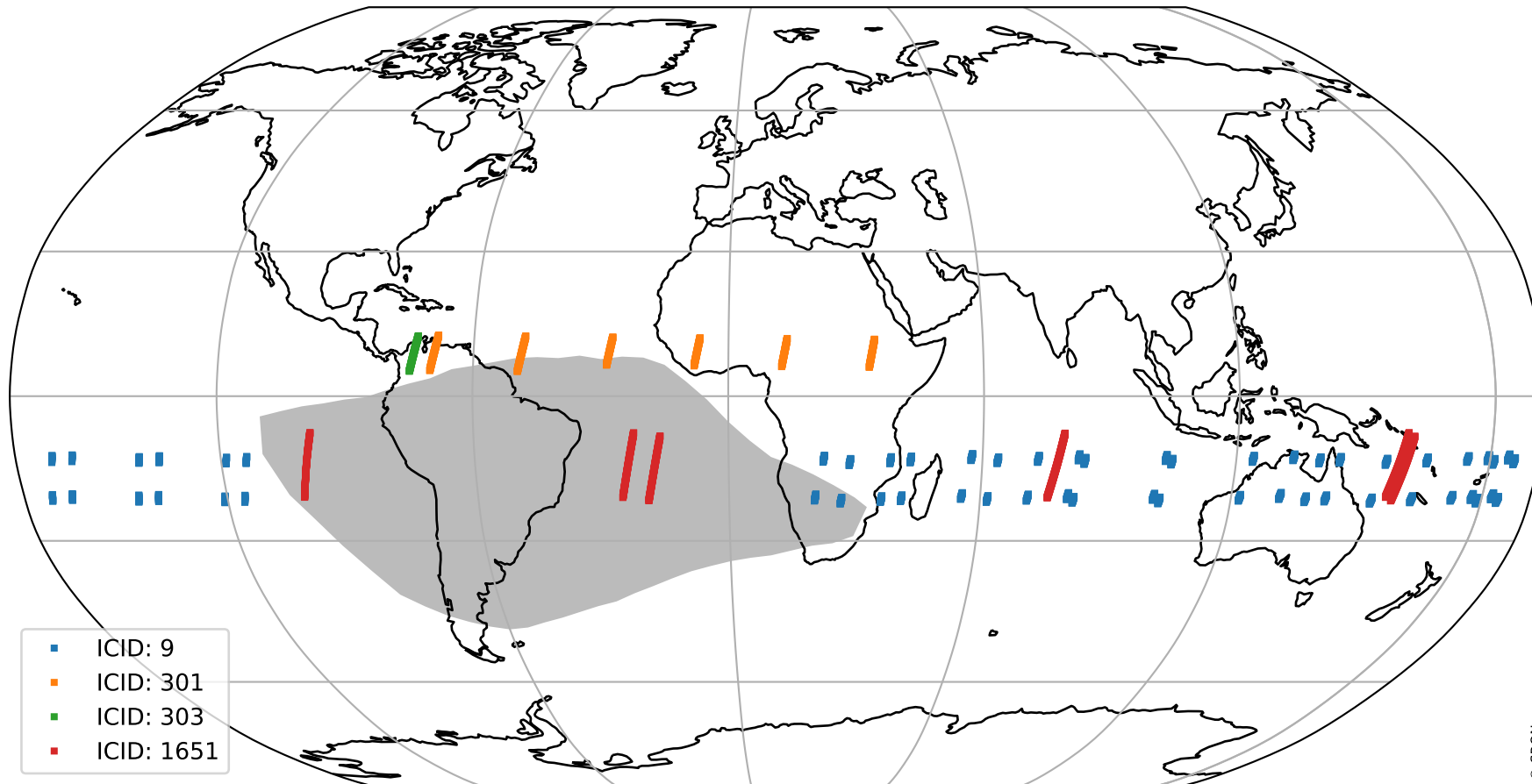
Tropomi SWIR background noise (swir)

orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
median : 0.94544
spread : 0.096654
created : 2023-08-21T14:24:27



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

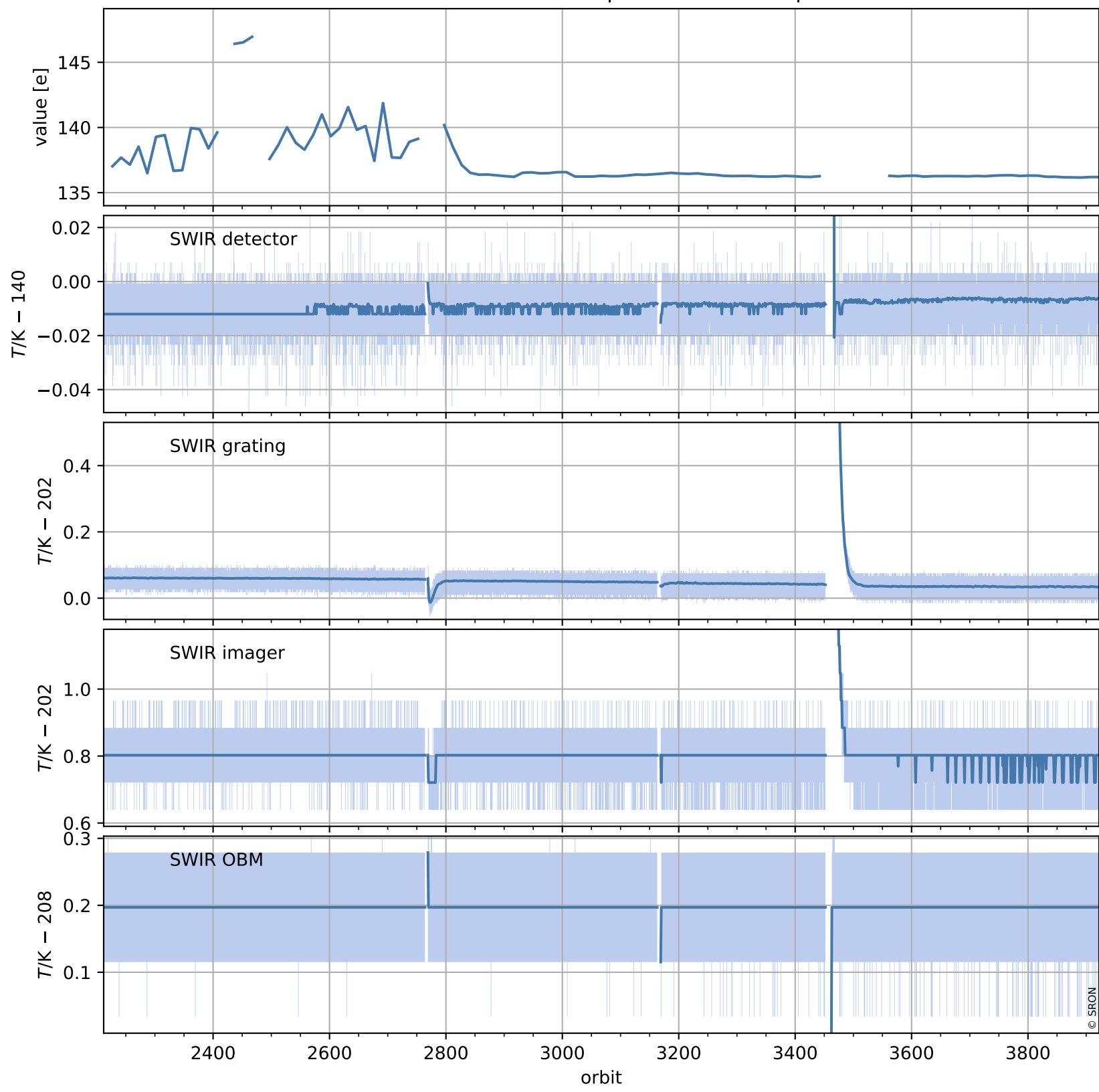
orbits : 13 in [3832, 3922]
coverage : 2018-07-10 / 2018-07-16
created : 2023-08-21T14:24:27



Tropomi SWIR background noise (swir)

orbits : [2212, 3922]
coverage : 2018-03-18 / 2018-07-16
created : 2023-08-21T14:24:28

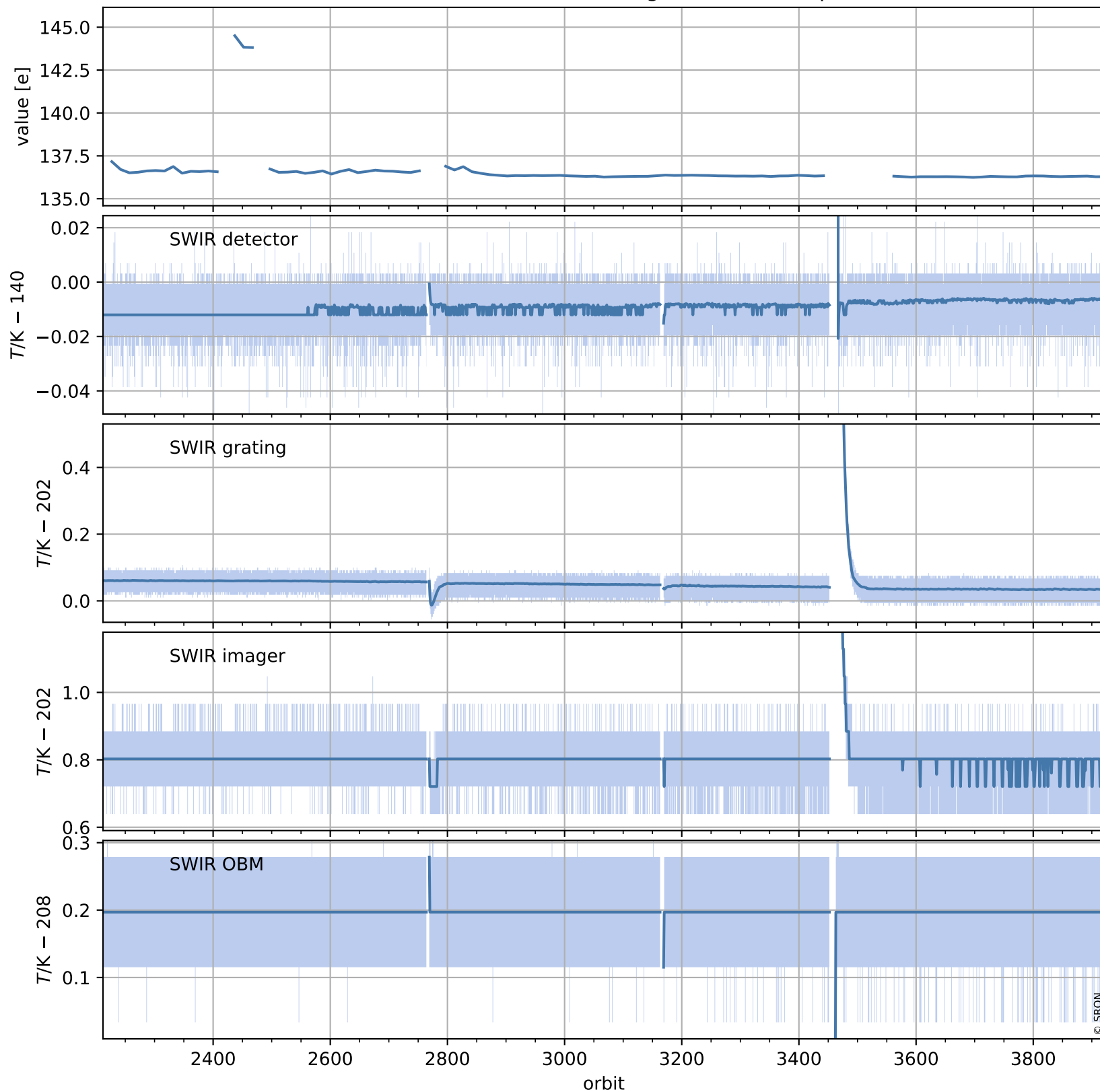
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3922]
coverage : 2018-03-18 / 2018-07-16
created : 2023-08-21T14:24:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3922]
coverage : 2018-03-18 / 2018-07-16
created : 2023-08-21T14:24:29

trend of normalized read-noise & temperatures

