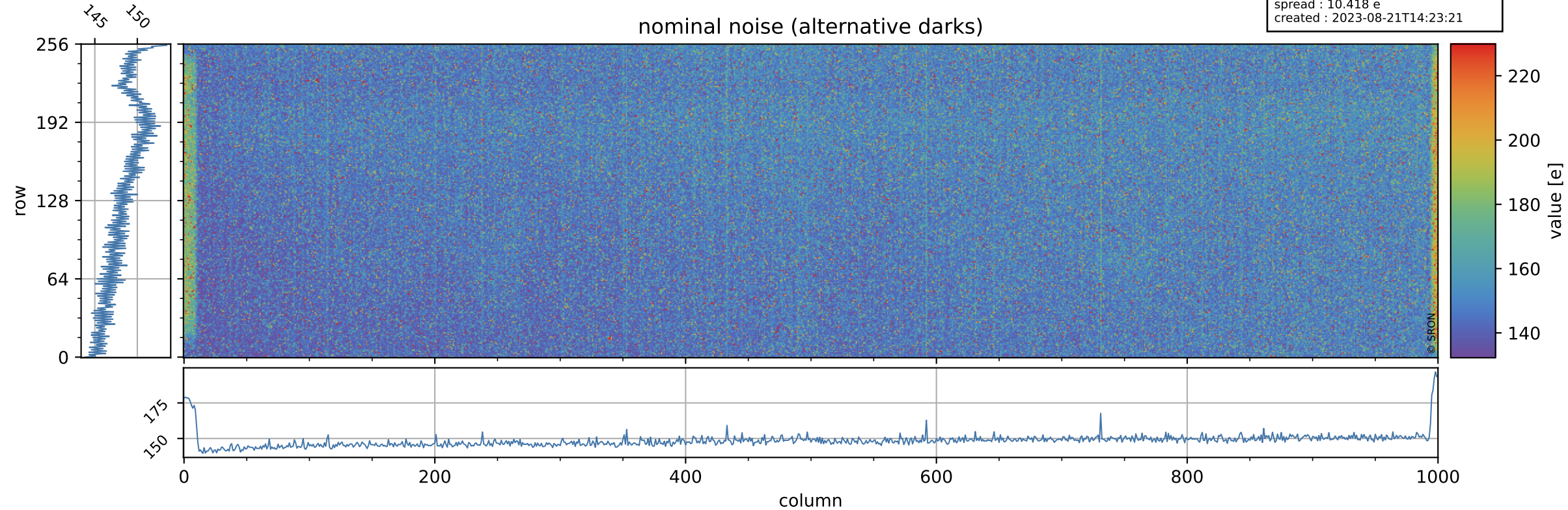


Tropomi SWIR background noise (swir)

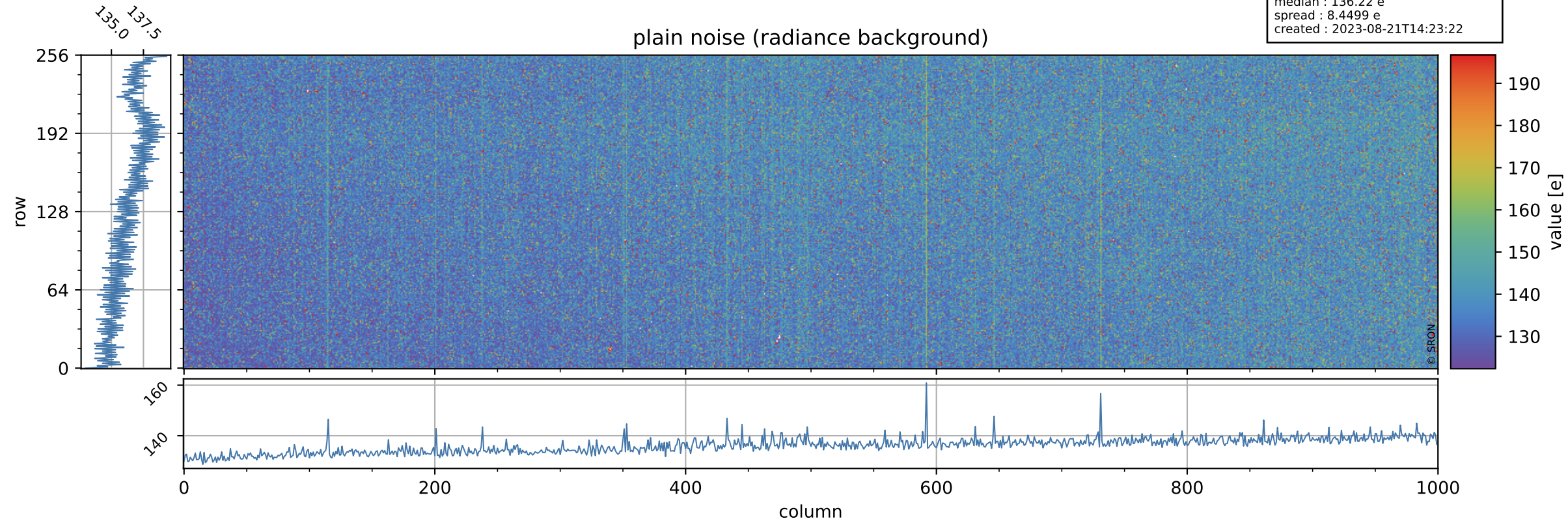
orbits : 12 in [3652, 3742]
coverage : 2018-06-28 / 2018-07-03
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.418 e
created : 2023-08-21T14:23:21

nominal noise (alternative darks)



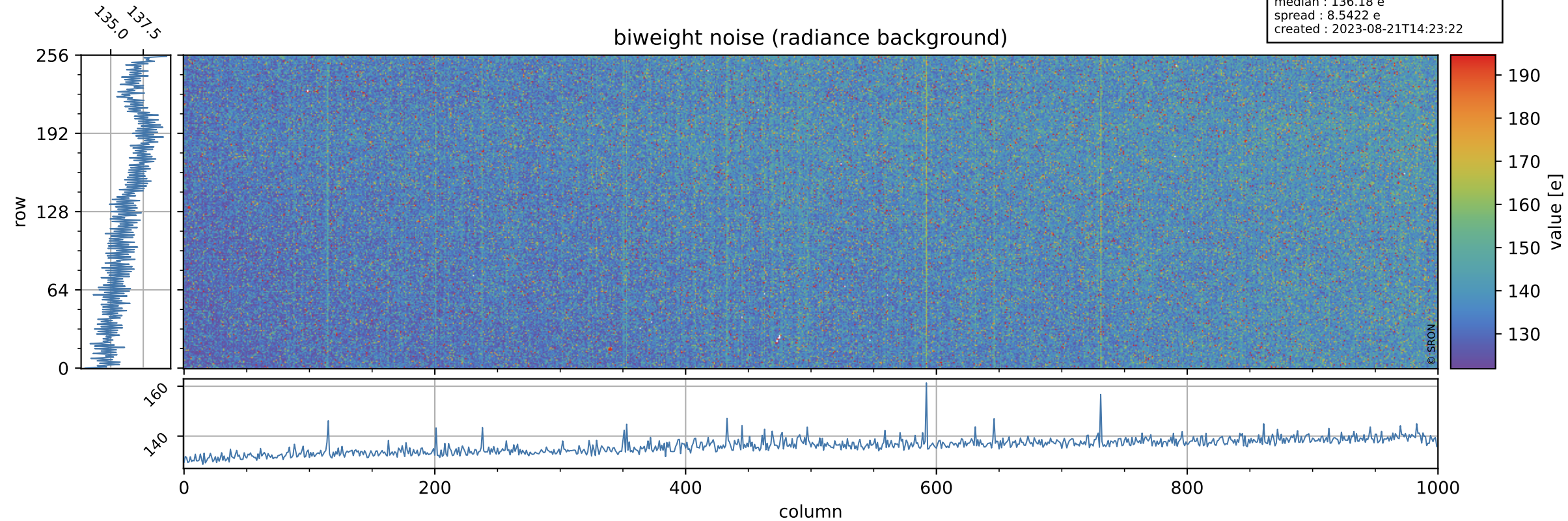
Tropomi SWIR background noise (swir)

plain noise (radiance background)



Tropomi SWIR background noise (swir)

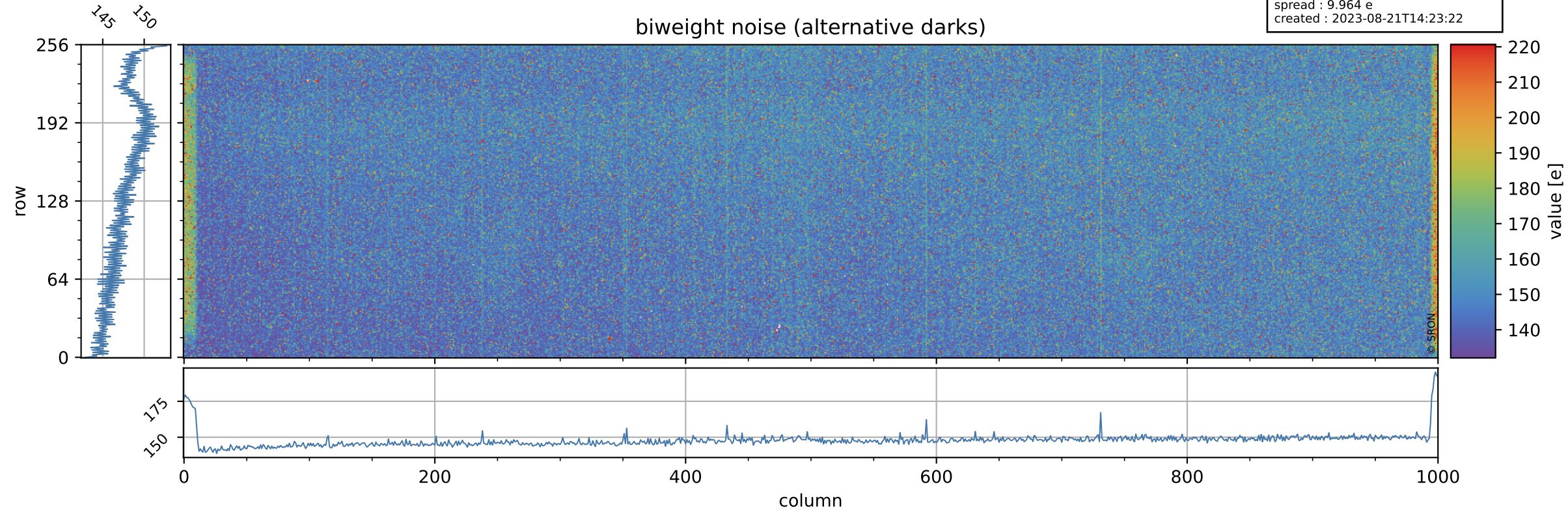
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3652, 3742]
coverage : 2018-06-28 / 2018-07-03
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.964 e
created : 2023-08-21T14:23:22

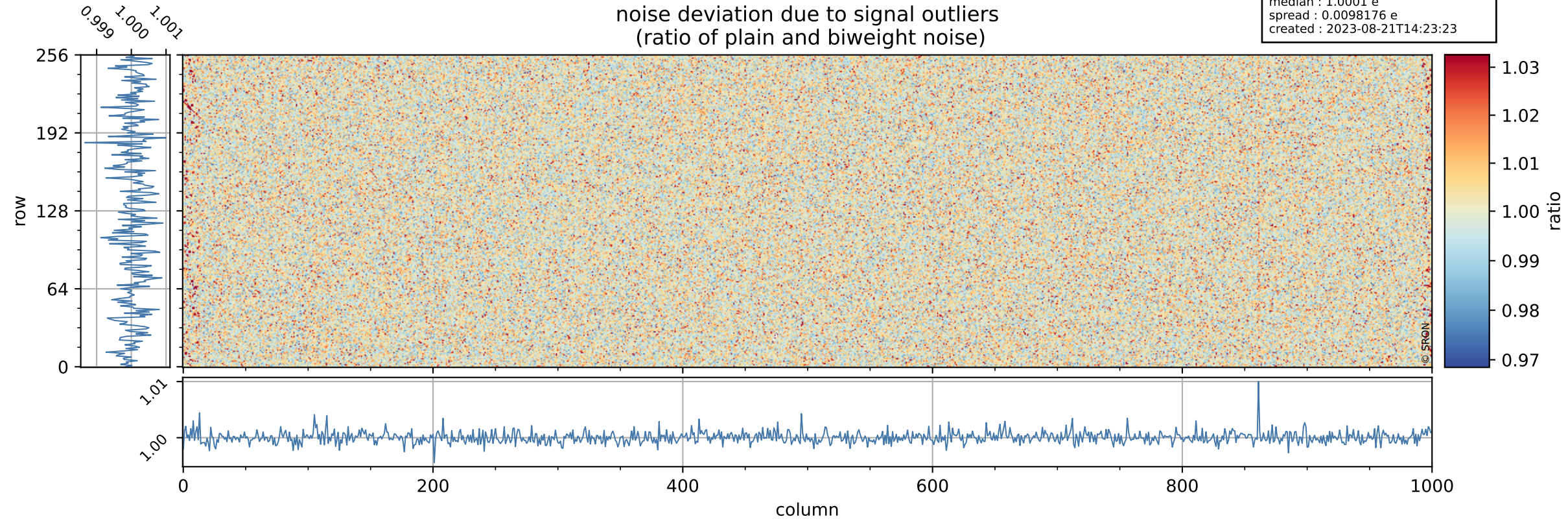
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

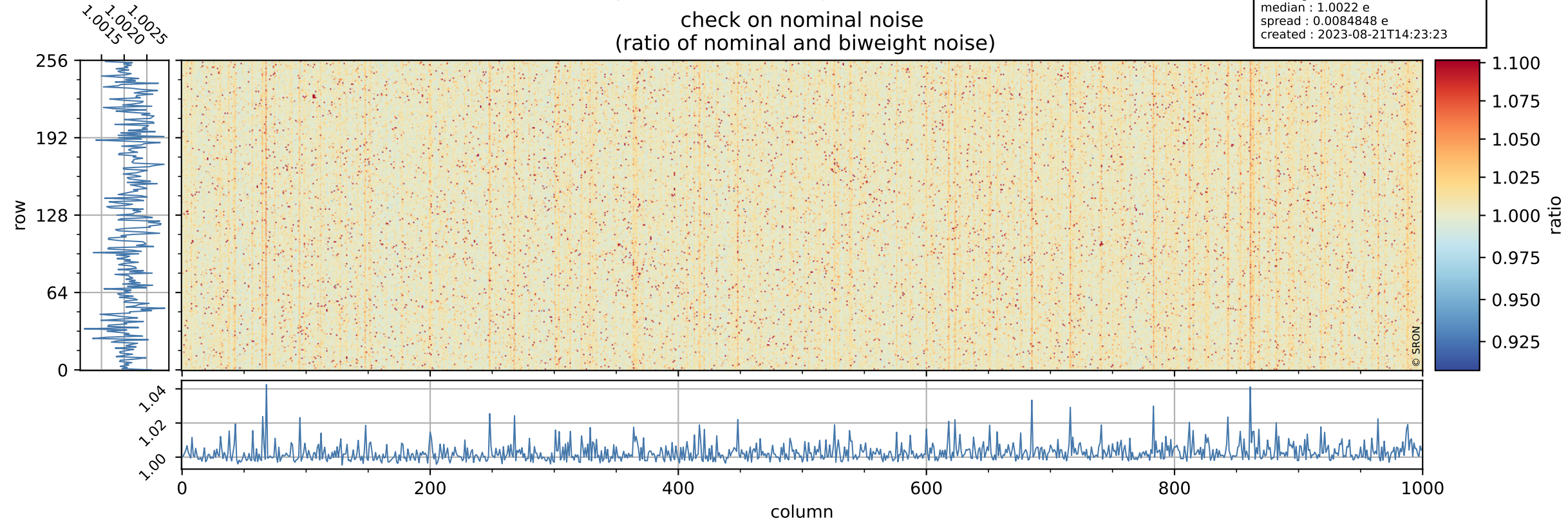
orbits : 12 in [3652, 3742]
coverage : 2018-06-28 / 2018-07-03
median : 1.0001 e
spread : 0.0098176 e
created : 2023-08-21T14:23:23



Tropomi SWIR background noise (swir)

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

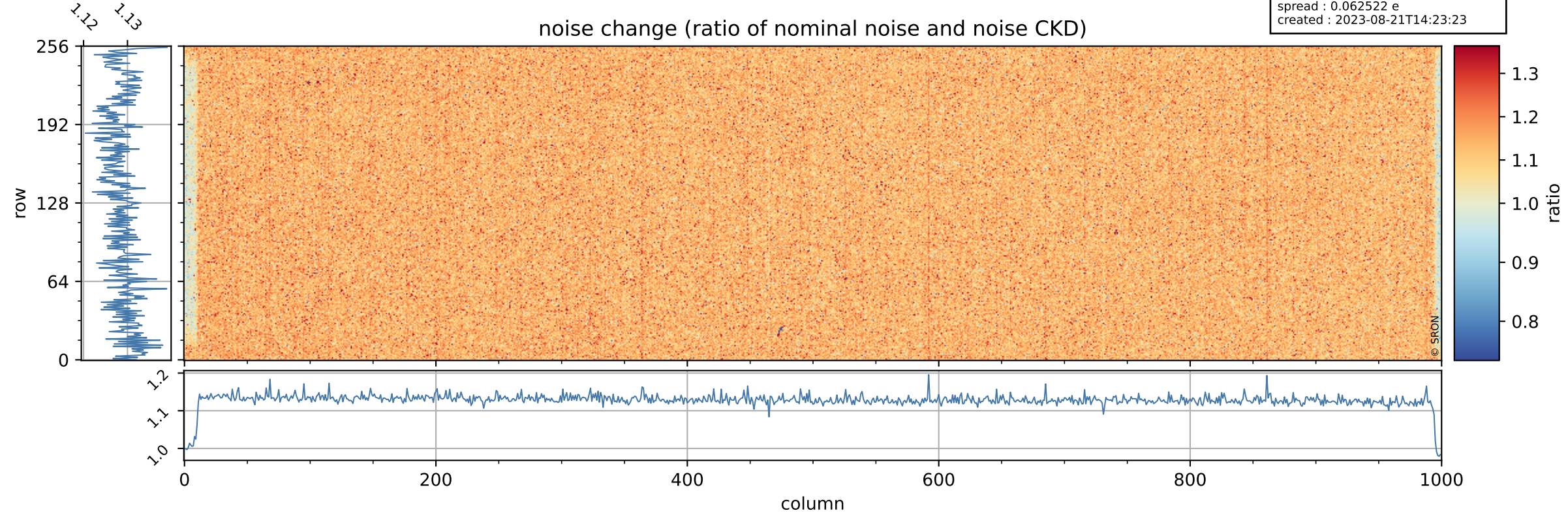
orbits : 12 in [3652, 3742]
coverage : 2018-06-28 / 2018-07-03
median : 1.0022 e
spread : 0.0084848 e
created : 2023-08-21T14:23:23



Tropomi SWIR background noise (swir)

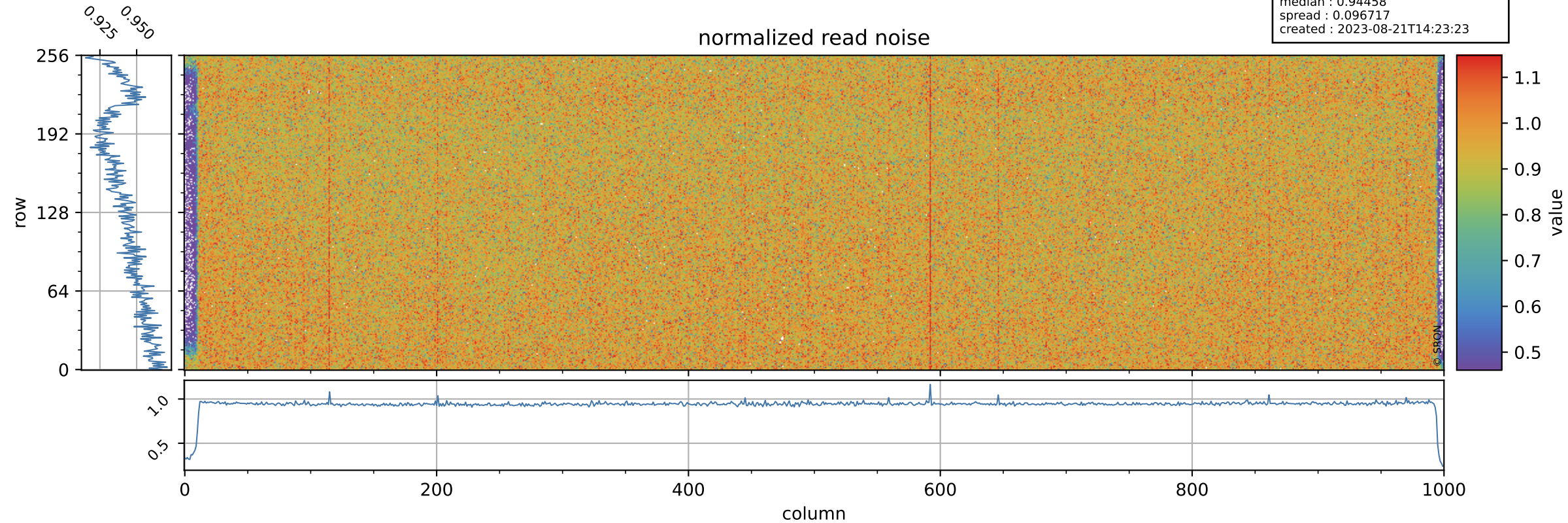
orbits : 12 in [3652, 3742]
coverage : 2018-06-28 / 2018-07-03
median : 1.1285 e
spread : 0.062522 e
created : 2023-08-21T14:23:23

noise change (ratio of nominal noise and noise CKD)



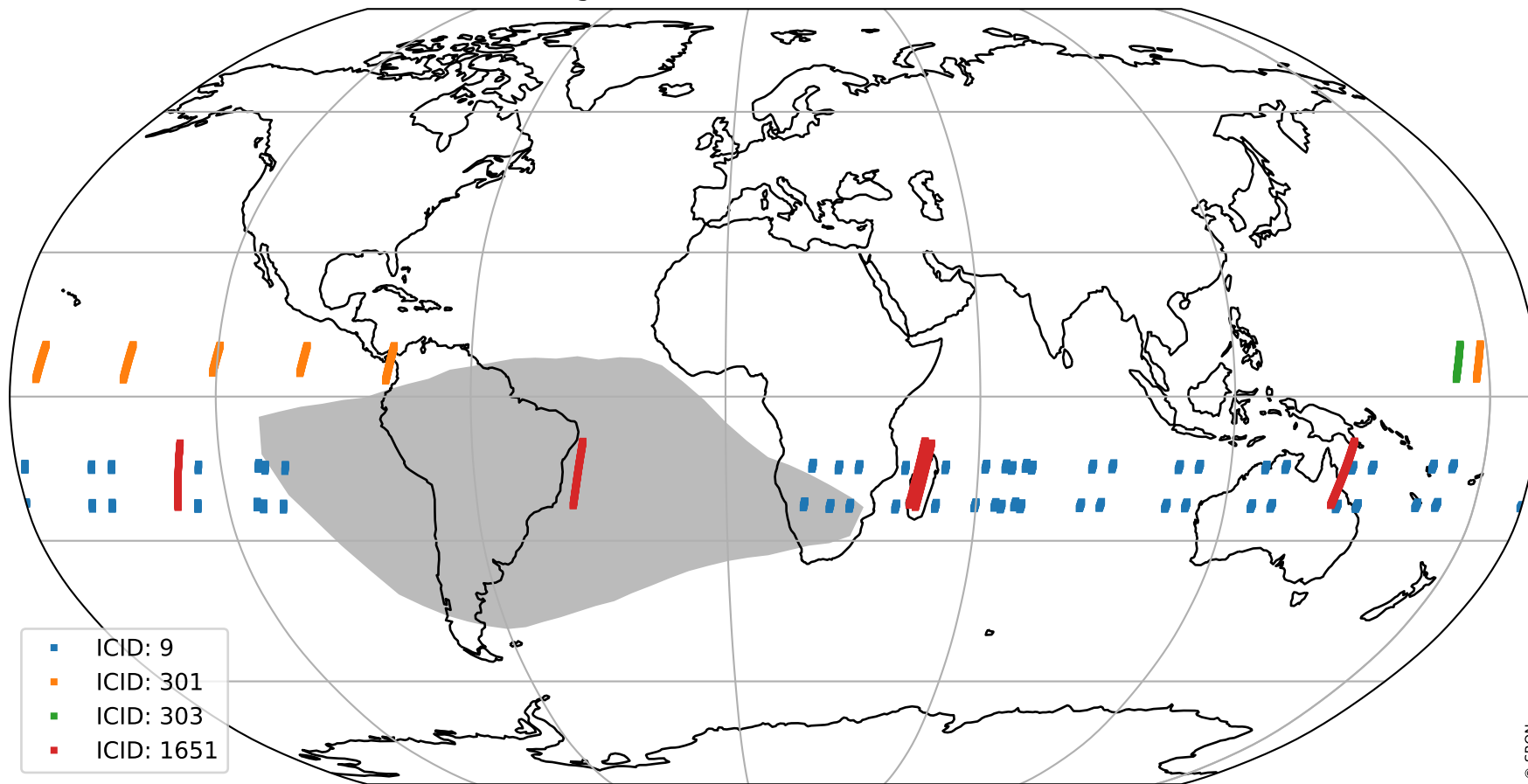
Tropomi SWIR background noise (swir)

orbits : 12 in [3652, 3742]
coverage : 2018-06-28 / 2018-07-03
median : 0.94458
spread : 0.096717
created : 2023-08-21T14:23:23



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

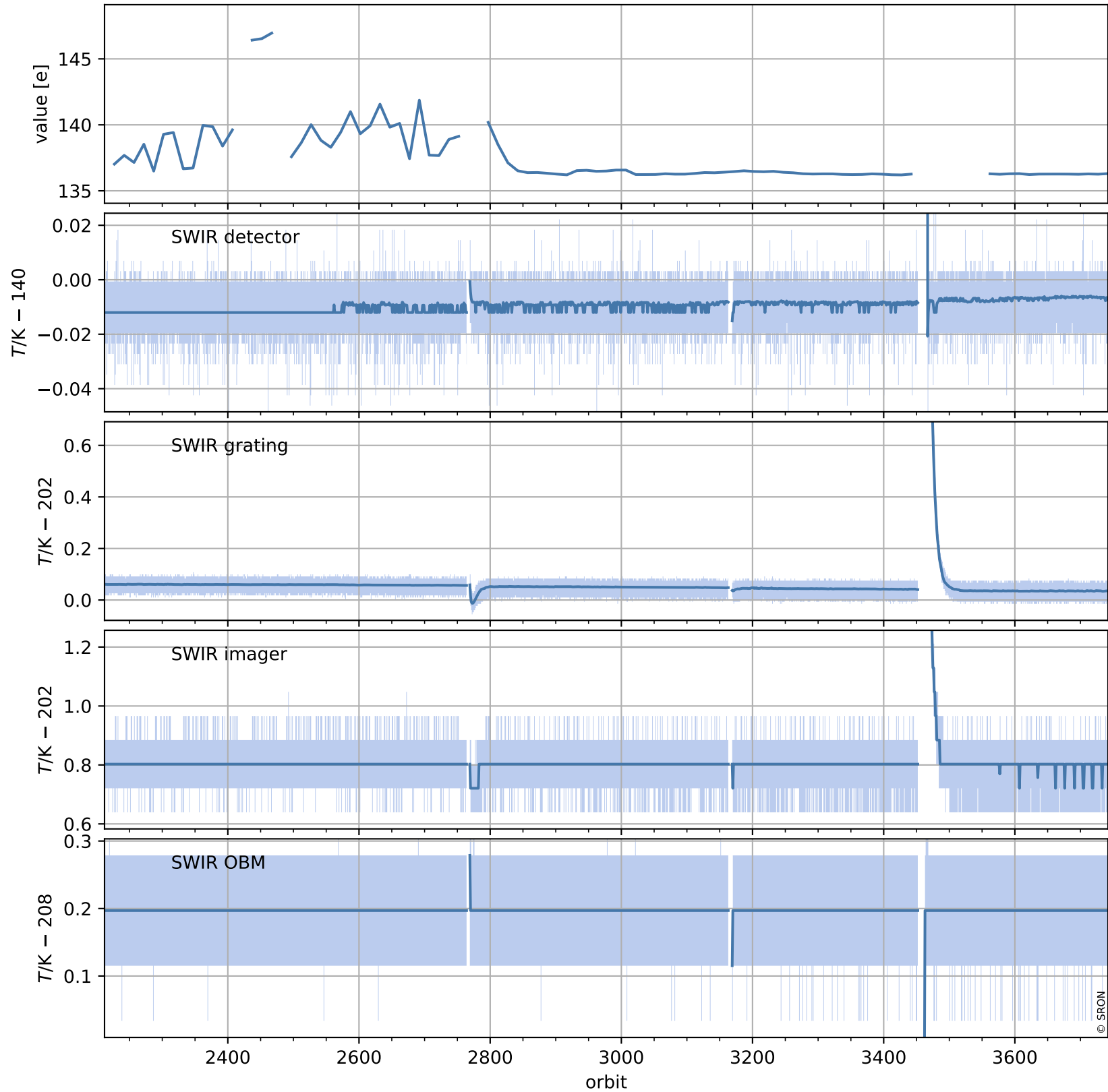
orbits : 12 in [3652, 3742]
coverage : 2018-06-28 / 2018-07-03
created : 2023-08-21T14:23:24



Tropomi SWIR background noise (swir)

orbits : [2212, 3742]
coverage : 2018-03-18 / 2018-07-03
created : 2023-08-21T14:23:24

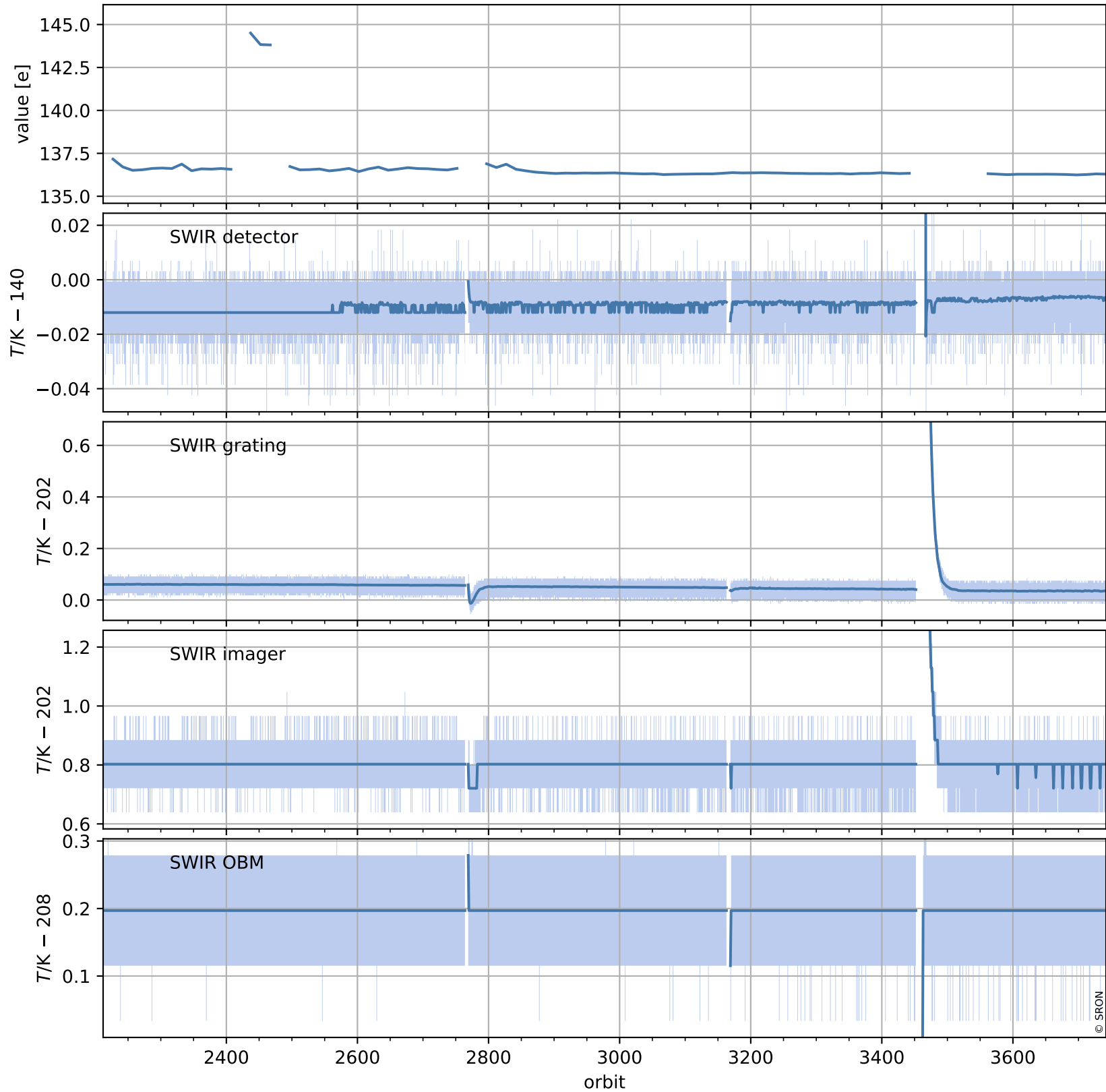
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3742]
coverage : 2018-03-18 / 2018-07-03
created : 2023-08-21T14:23:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3742]
coverage : 2018-03-18 / 2018-07-03
created : 2023-08-21T14:23:25

trend of normalized read-noise & temperatures

