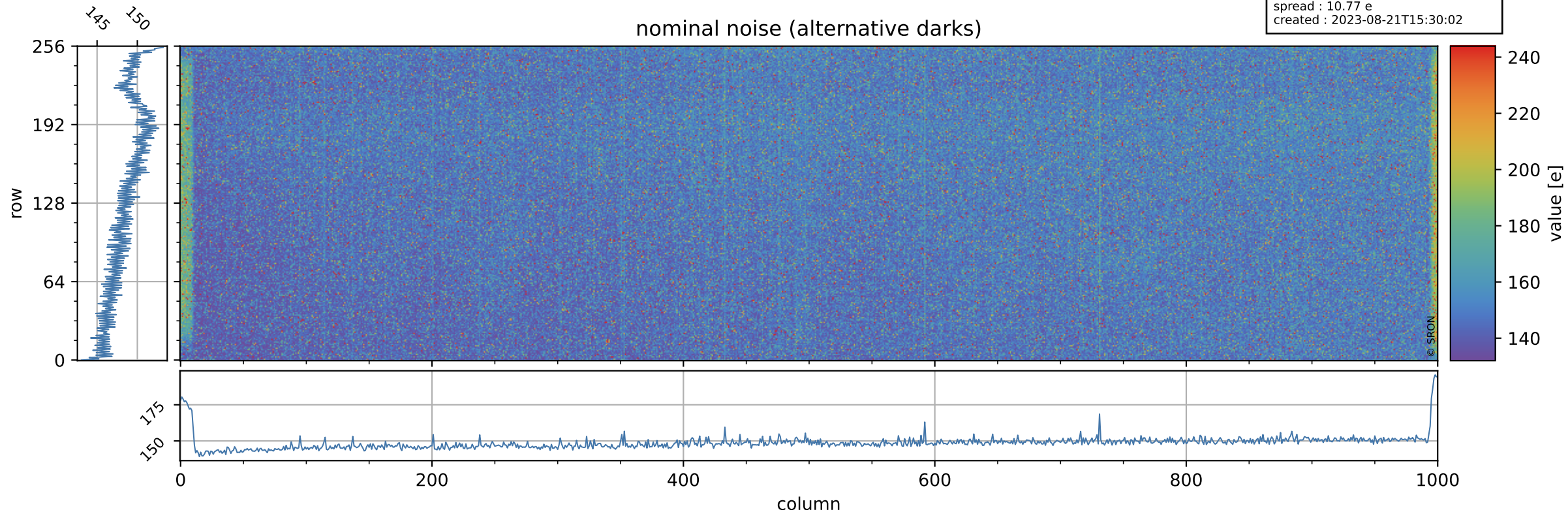


Tropomi SWIR background noise (swir)

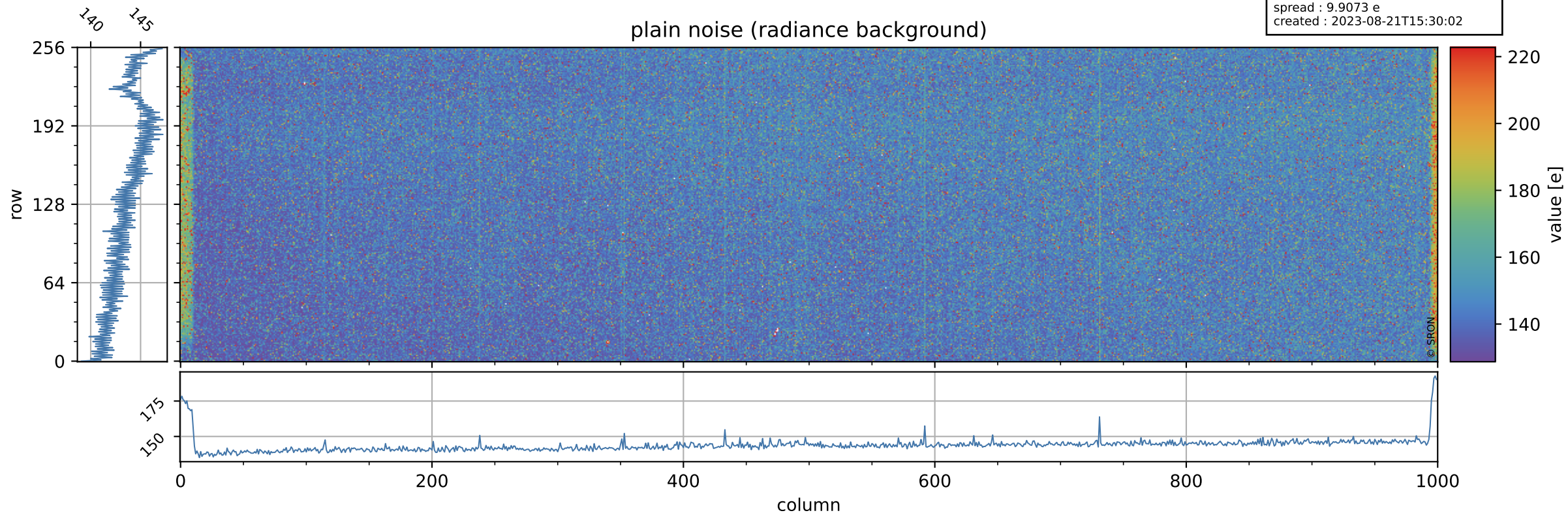
orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.77 e
created : 2023-08-21T15:30:02



Tropomi SWIR background noise (swir)

orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.9073 e
created : 2023-08-21T15:30:02

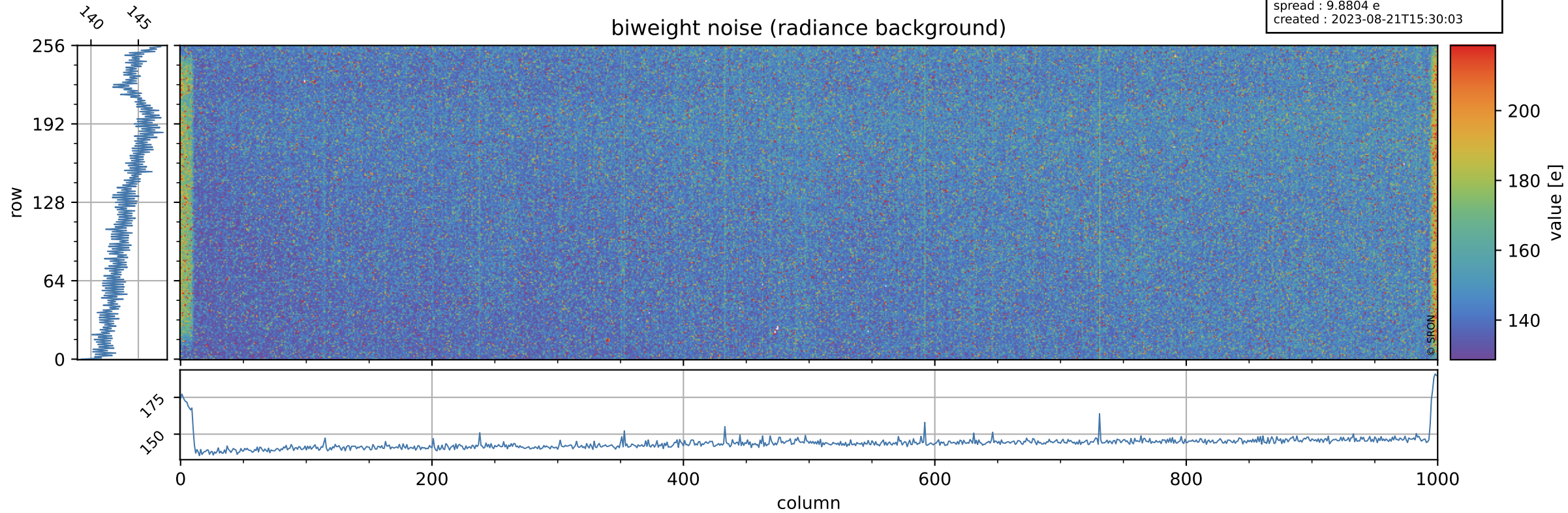
plain noise (radiance background)



Tropomi SWIR background noise (swir)

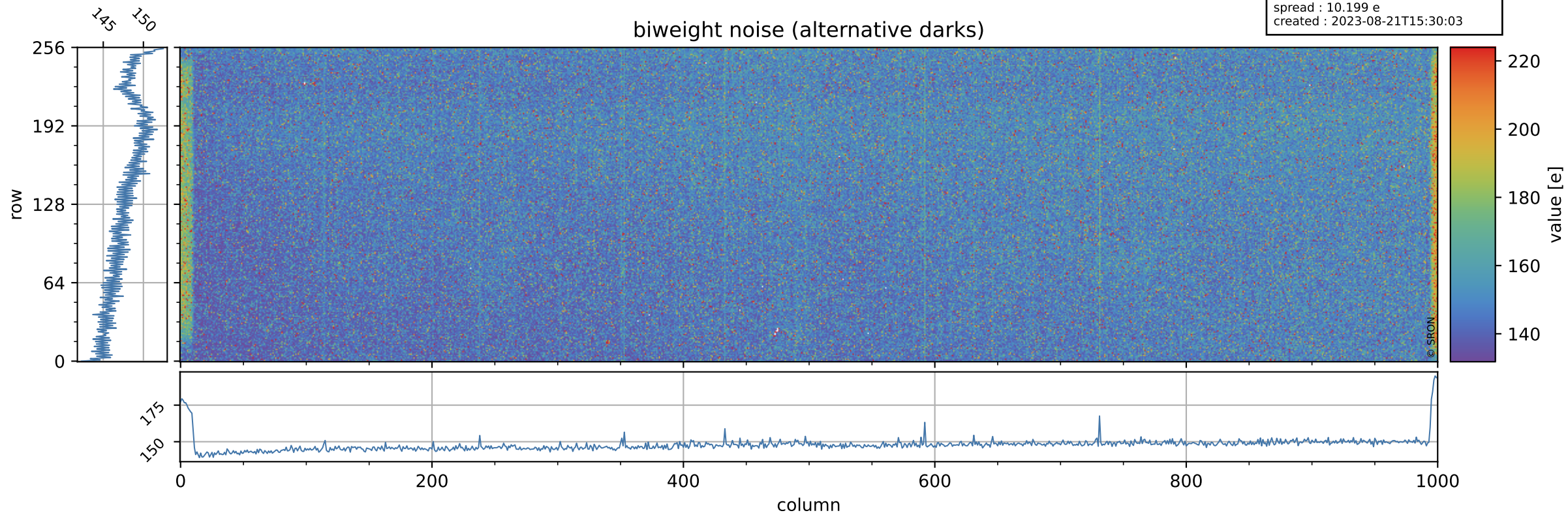
orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8804 e
created : 2023-08-21T15:30:03

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

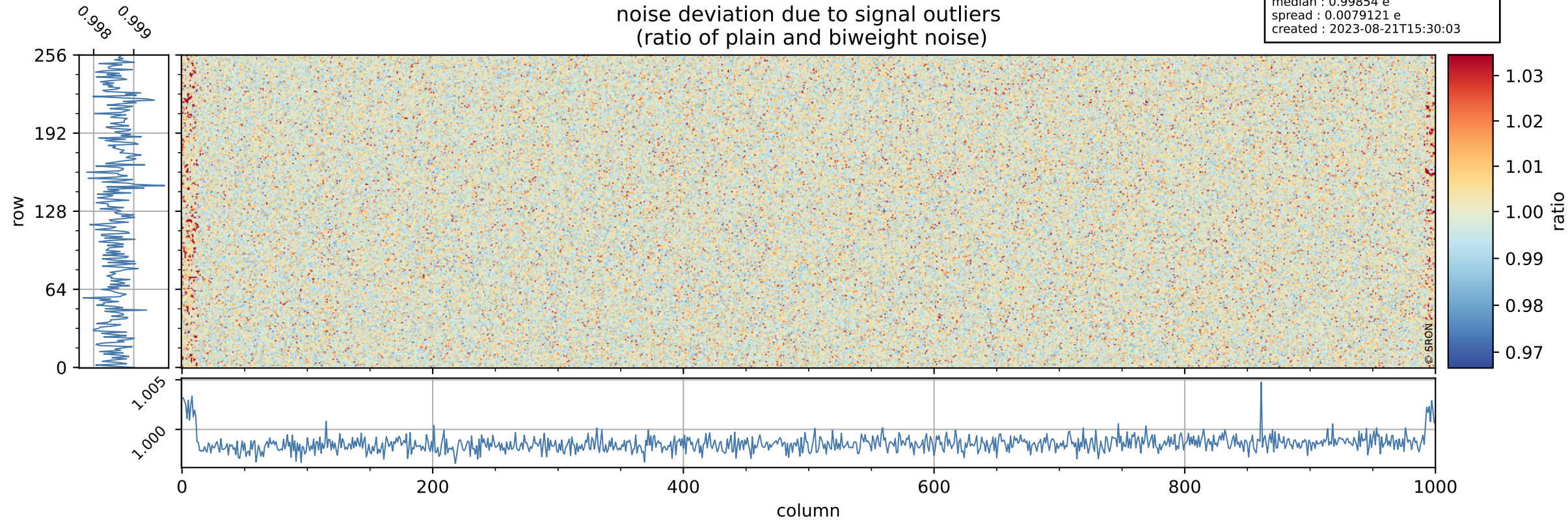
orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.199 e
created : 2023-08-21T15:30:03



Tropomi SWIR background noise (swir)

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

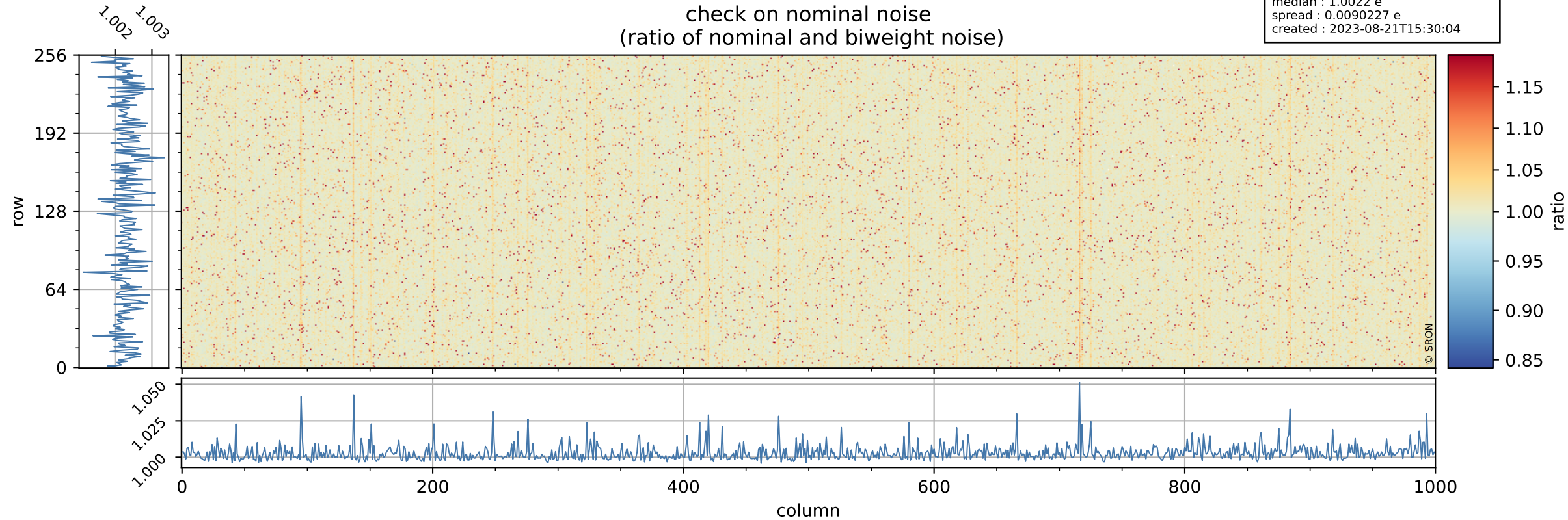
orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
median : 0.99854 e
spread : 0.0079121 e
created : 2023-08-21T15:30:03



Tropomi SWIR background noise (swir)

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

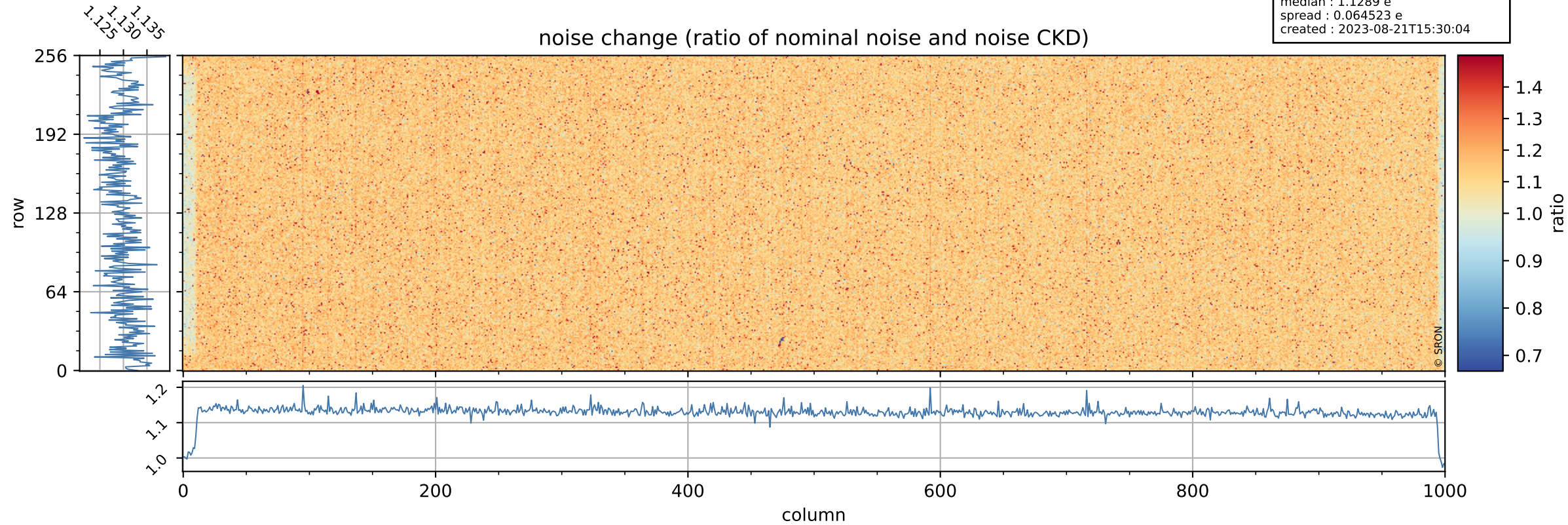
orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
median : 1.0022 e
spread : 0.0090227 e
created : 2023-08-21T15:30:04



Tropomi SWIR background noise (swir)

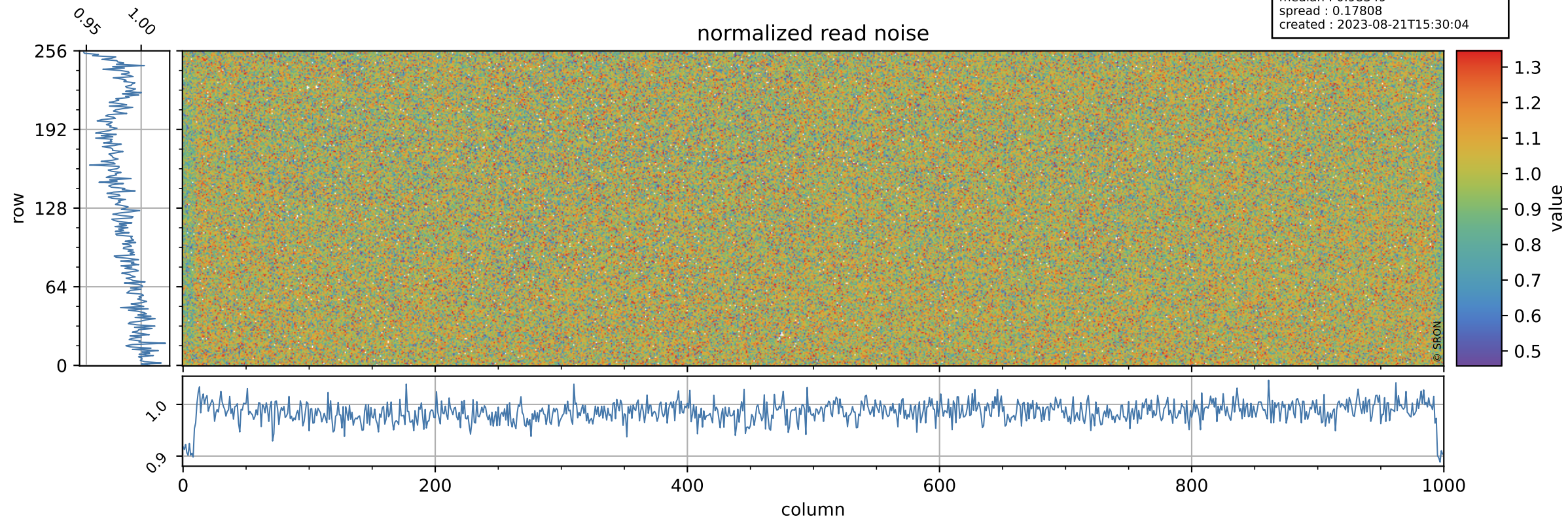
orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
median : 1.1289 e
spread : 0.064523 e
created : 2023-08-21T15:30:04

noise change (ratio of nominal noise and noise CKD)



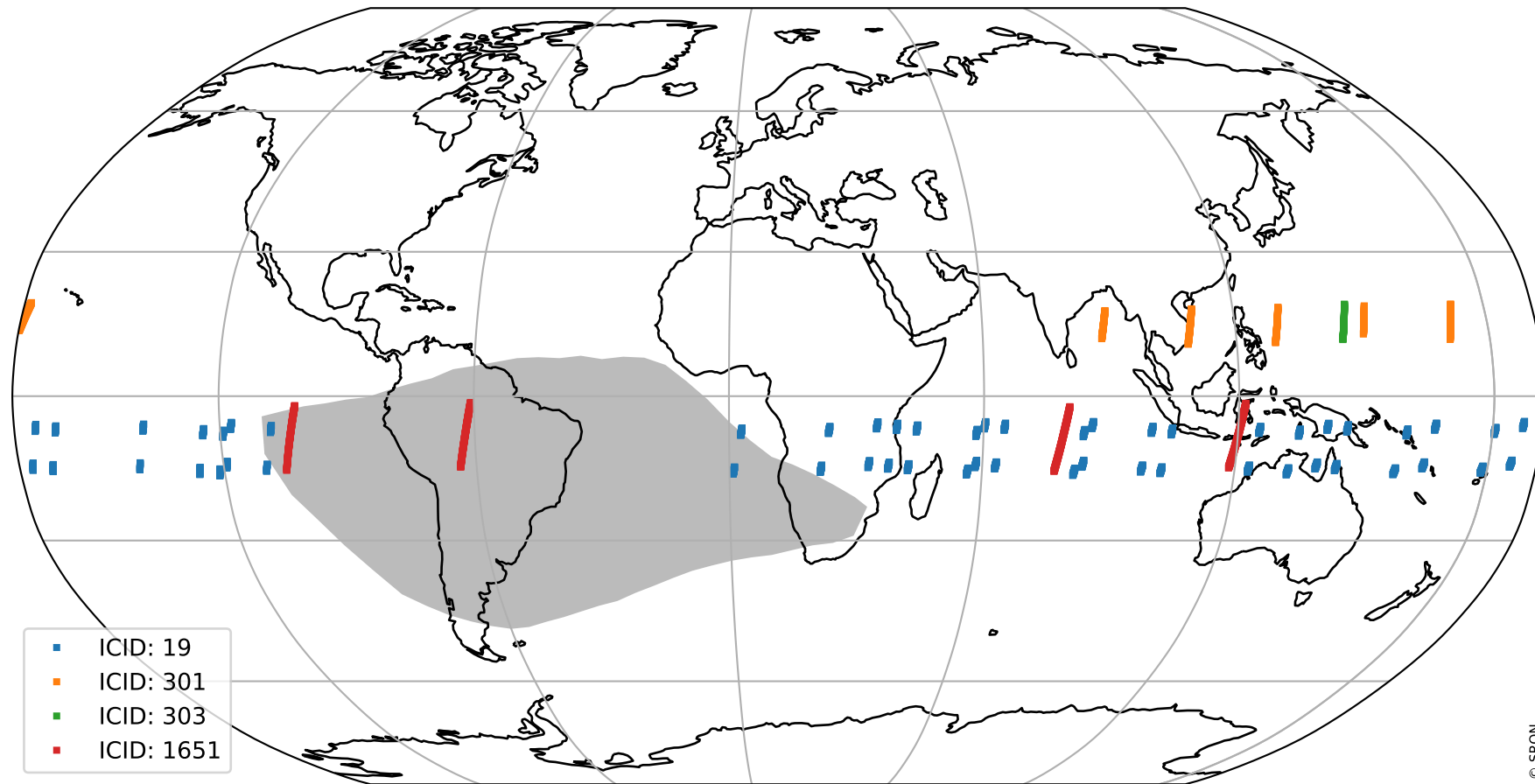
Tropomi SWIR background noise (swir)

orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
median : 0.98349
spread : 0.17808
created : 2023-08-21T15:30:04



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

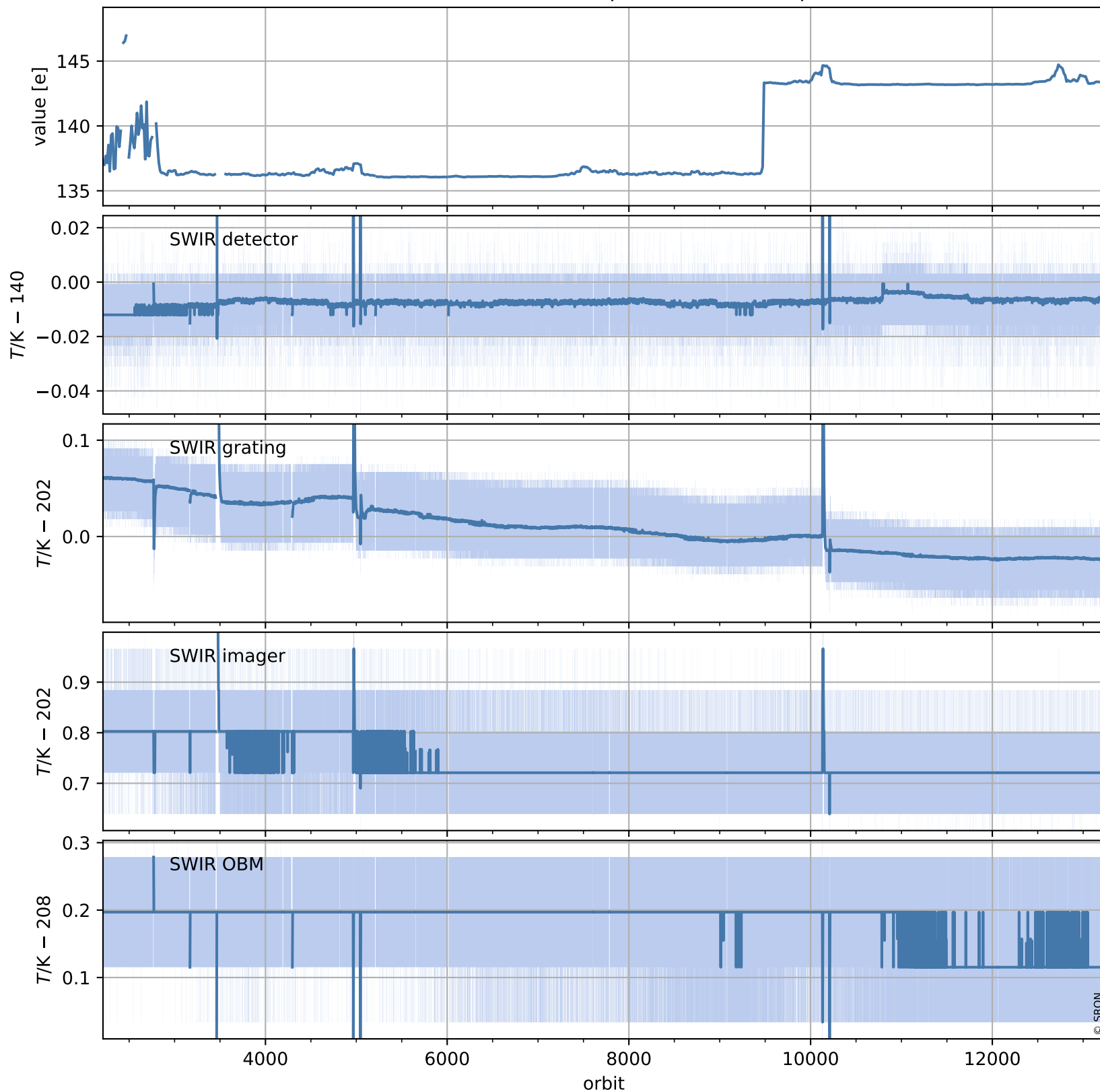
orbits : 12 in [13162, 13237]
coverage : 2020-04-27 / 2020-05-02
created : 2023-08-21T15:30:04



Tropomi SWIR background noise (swir)

orbits : [2212, 13237]
coverage : 2018-03-18 / 2020-05-02
created : 2023-08-21T15:30:05

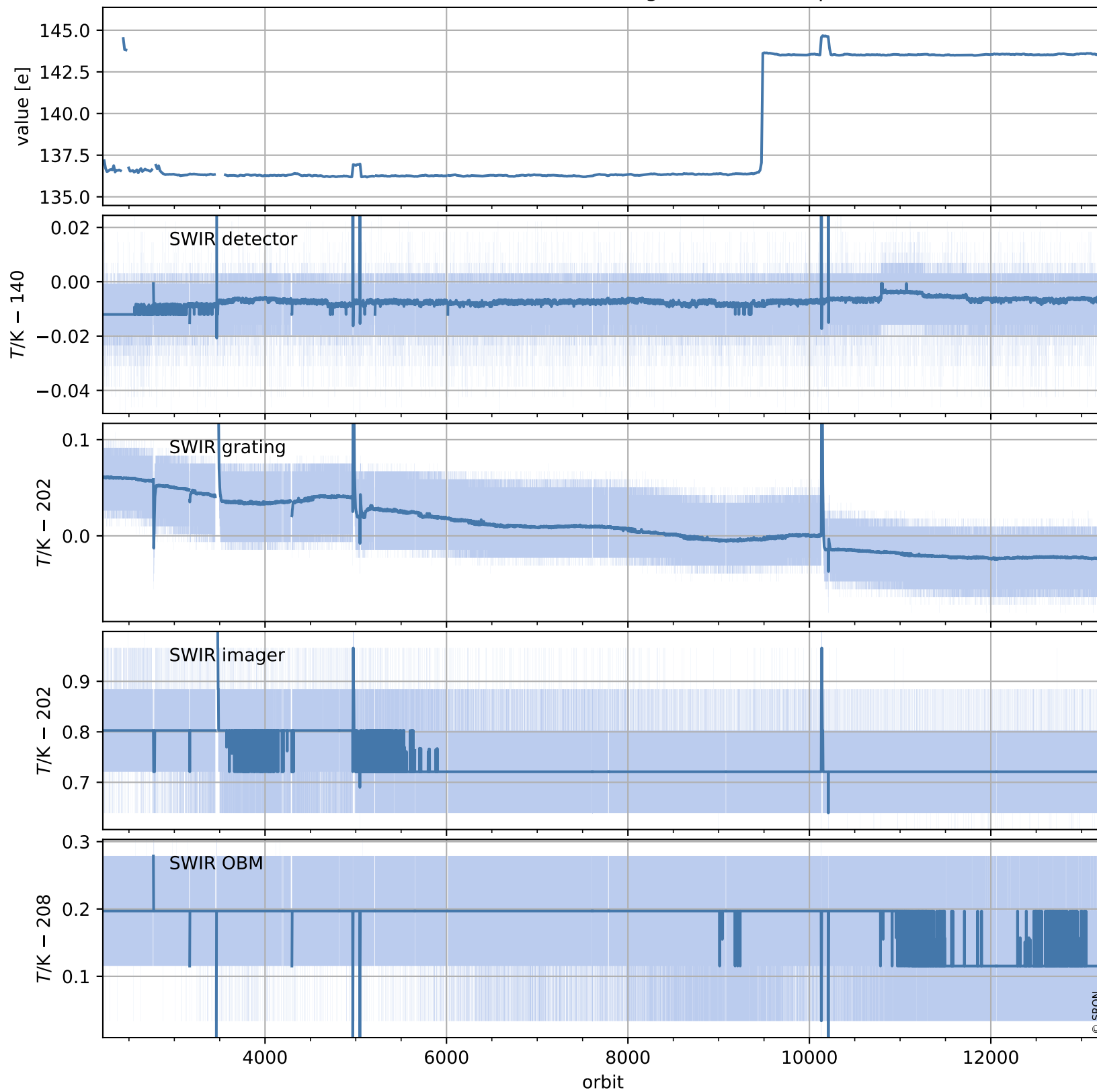
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13237]
coverage : 2018-03-18 / 2020-05-02
created : 2023-08-21T15:30:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13237]
coverage : 2018-03-18 / 2020-05-02
created : 2023-08-21T15:30:06

trend of normalized read-noise & temperatures

