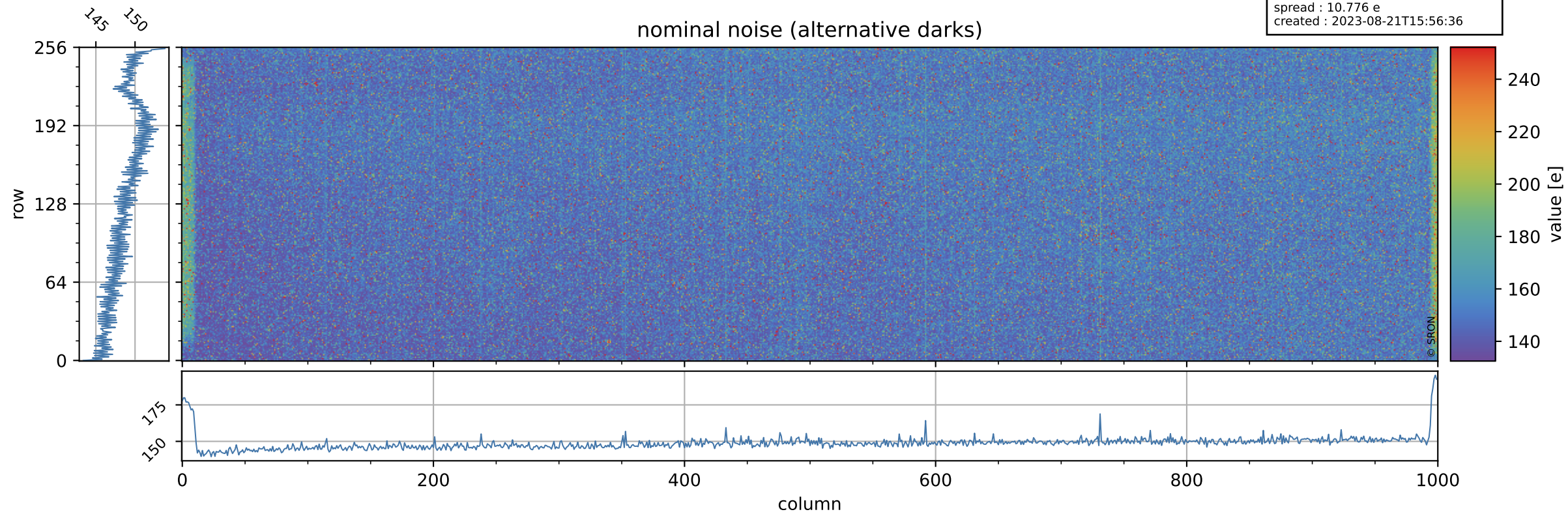


Tropomi SWIR background noise (swir)

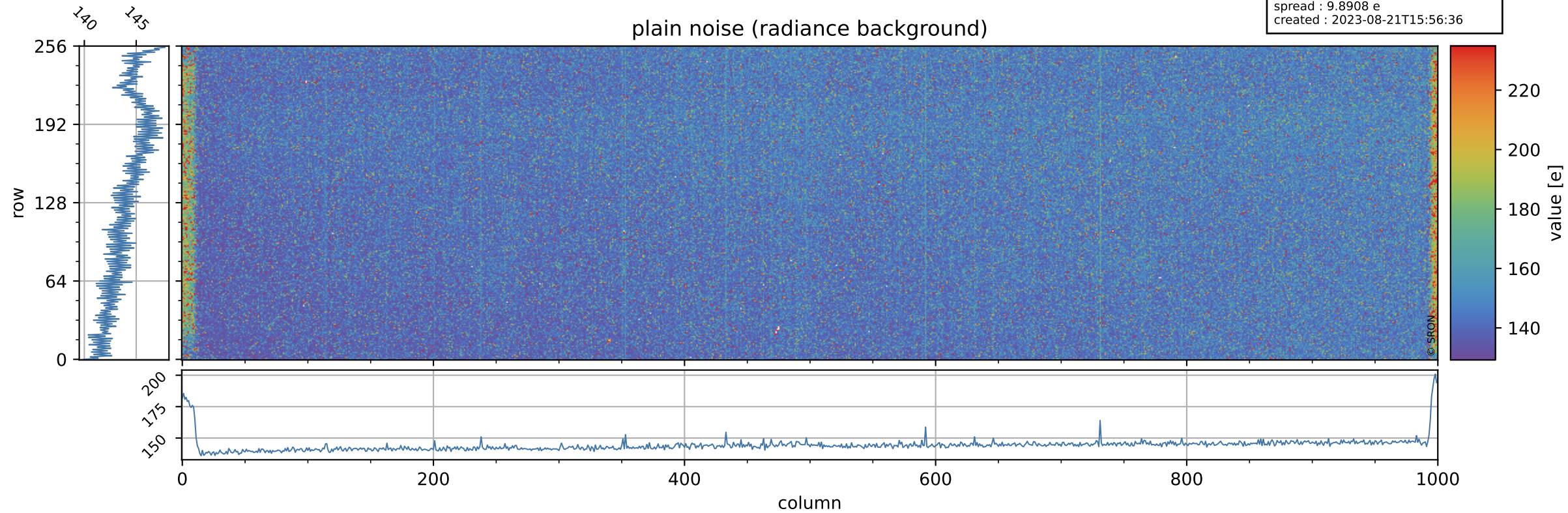
orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.776 e
created : 2023-08-21T15:56:36



Tropomi SWIR background noise (swir)

orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 9.8908 e
created : 2023-08-21T15:56:36

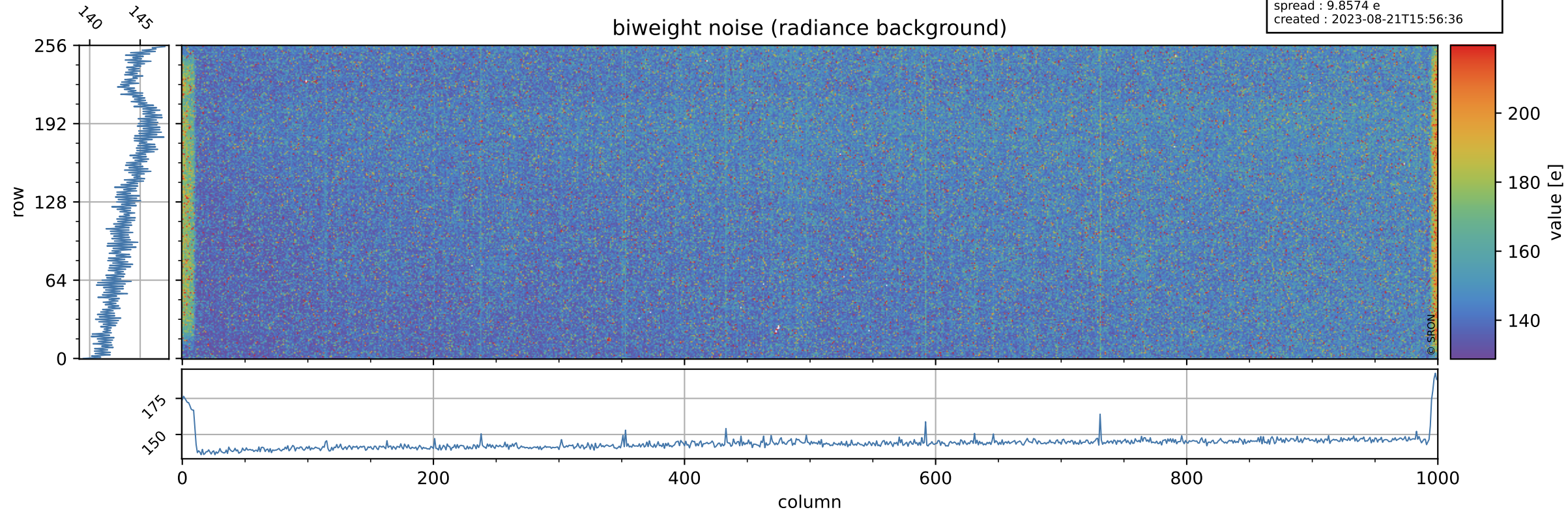
plain noise (radiance background)



Tropomi SWIR background noise (swir)

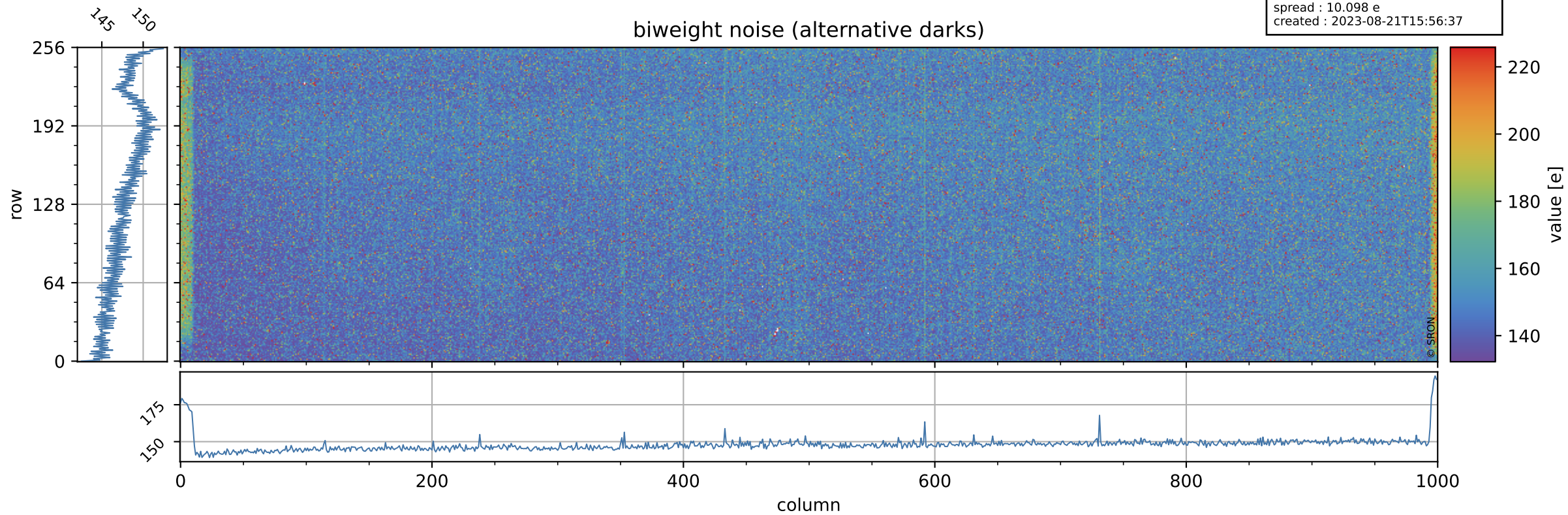
orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8574 e
created : 2023-08-21T15:56:36

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

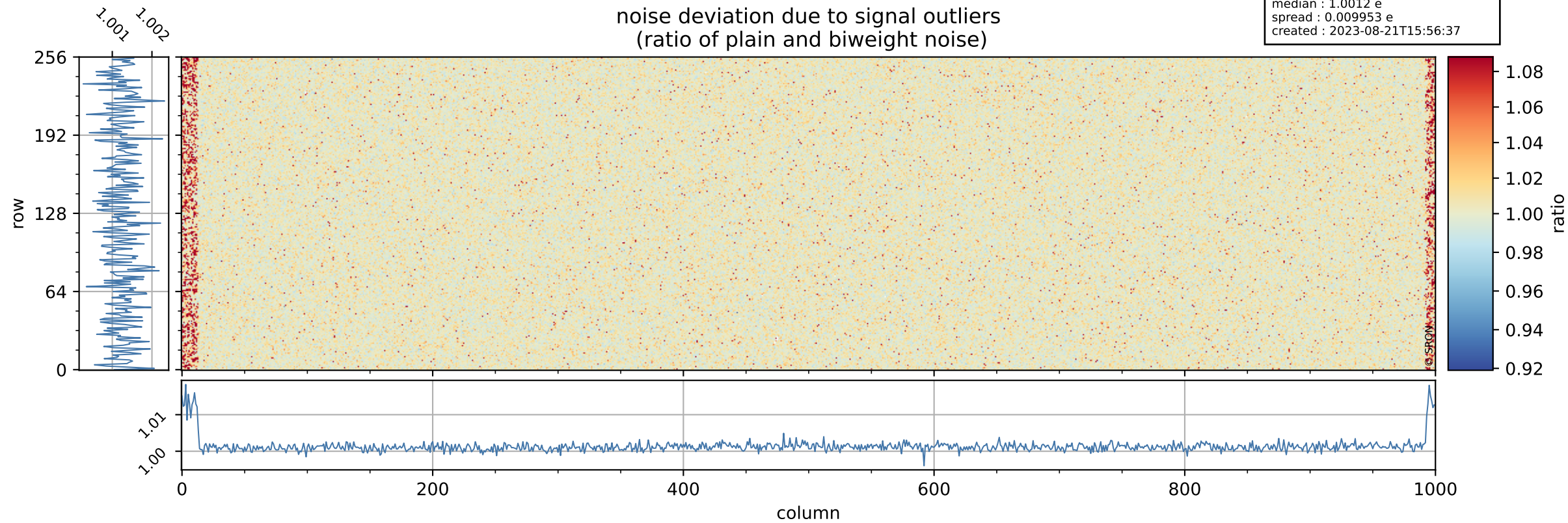
orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.098 e
created : 2023-08-21T15:56:37



Tropomi SWIR background noise (swir)

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

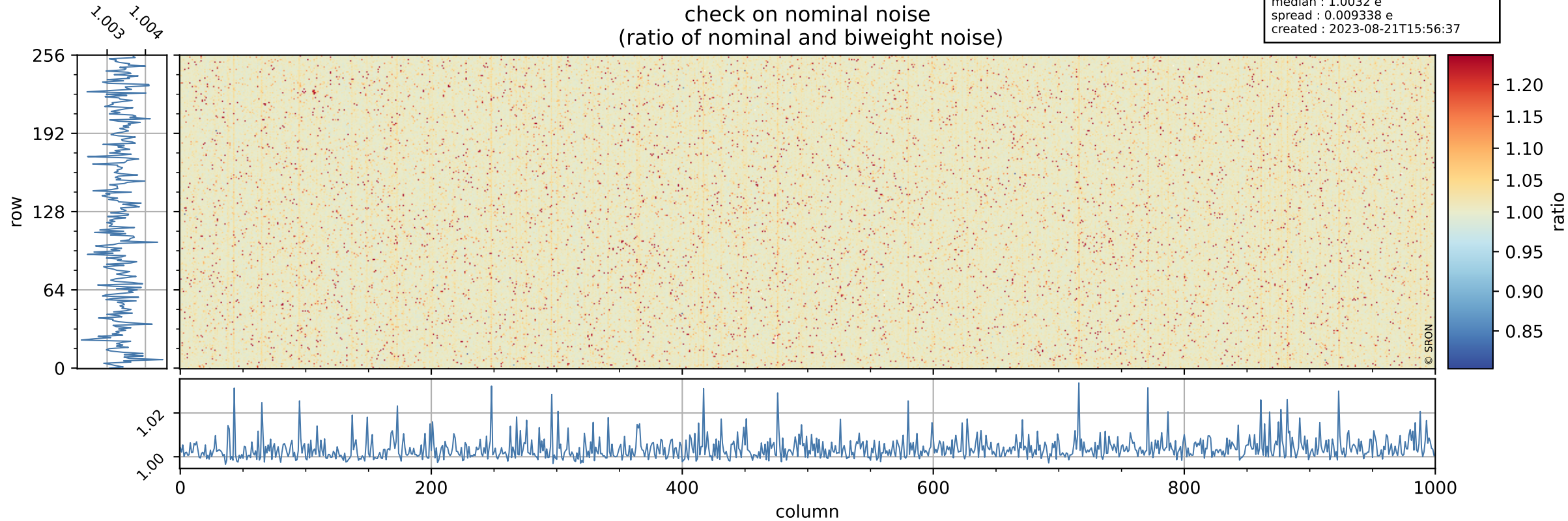
orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
median : 1.0012 e
spread : 0.009953 e
created : 2023-08-21T15:56:37



Tropomi SWIR background noise (swir)

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

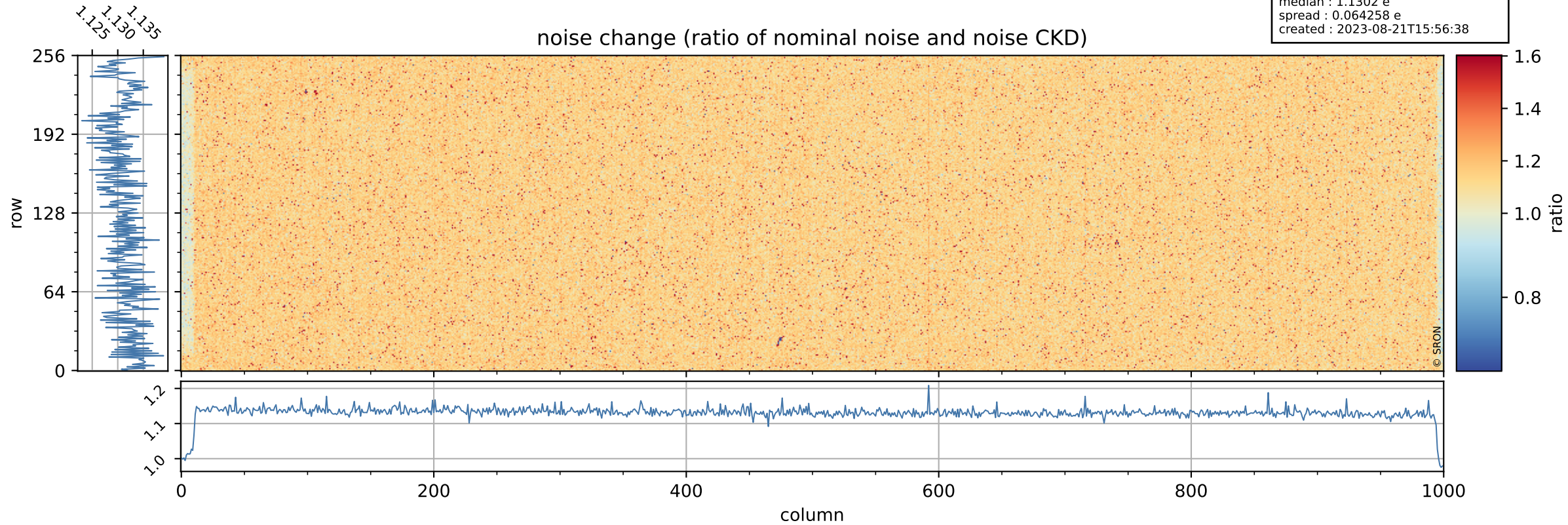
orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
median : 1.0032 e
spread : 0.009338 e
created : 2023-08-21T15:56:37



Tropomi SWIR background noise (swir)

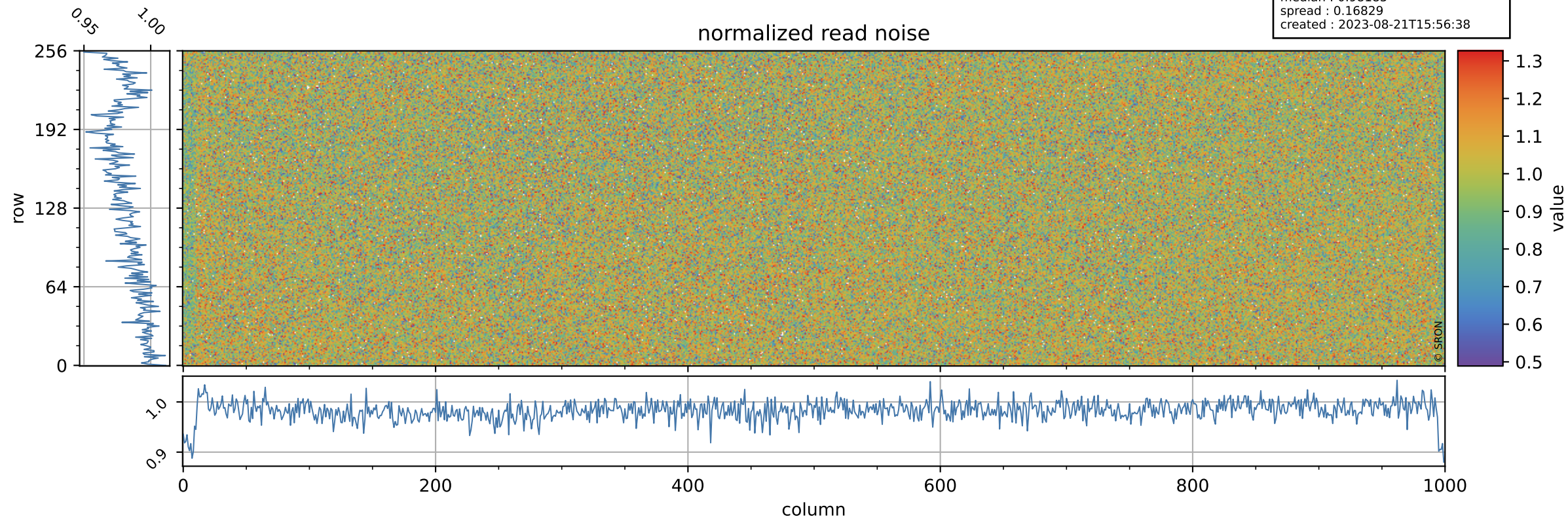
orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
median : 1.1302 e
spread : 0.064258 e
created : 2023-08-21T15:56:38

noise change (ratio of nominal noise and noise CKD)



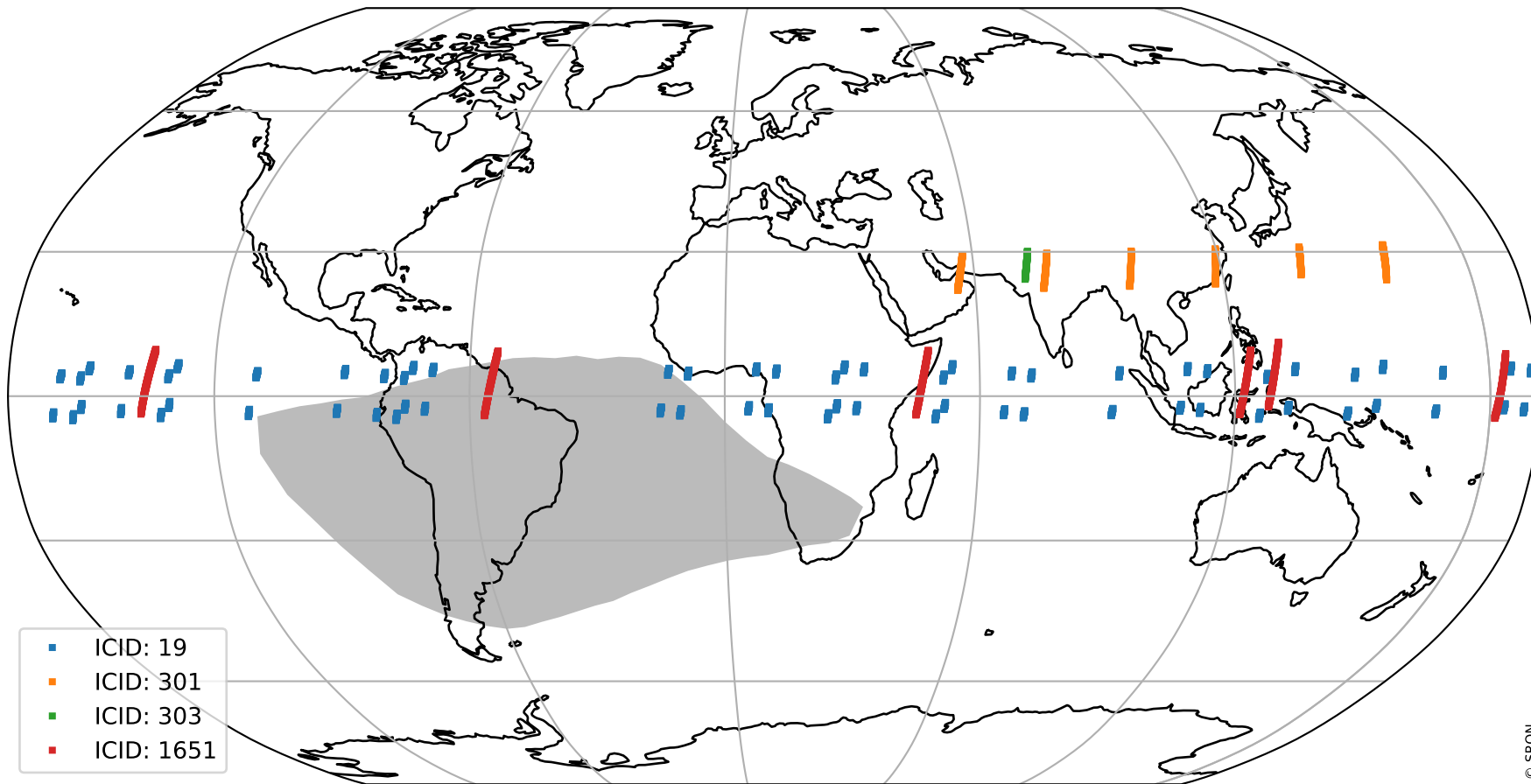
Tropomi SWIR background noise (swir)

orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
median : 0.98185
spread : 0.16829
created : 2023-08-21T15:56:38



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

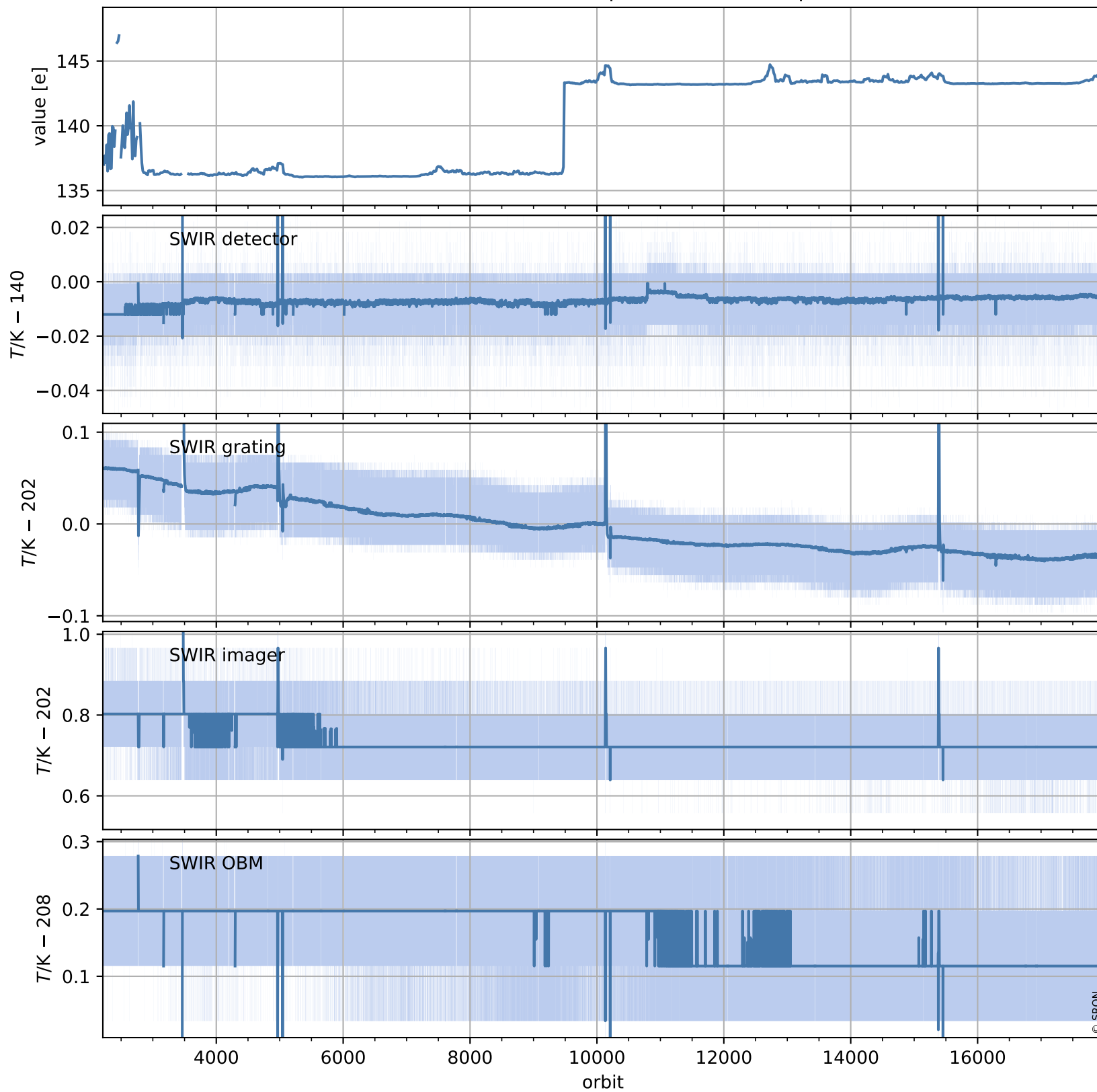
orbits : 13 in [17887, 17977]
coverage : 2021-03-27 / 2021-04-02
created : 2023-08-21T15:56:38



Tropomi SWIR background noise (swir)

orbits : [2212, 17977]
coverage : 2018-03-18 / 2021-04-02
created : 2023-08-21T15:56:39

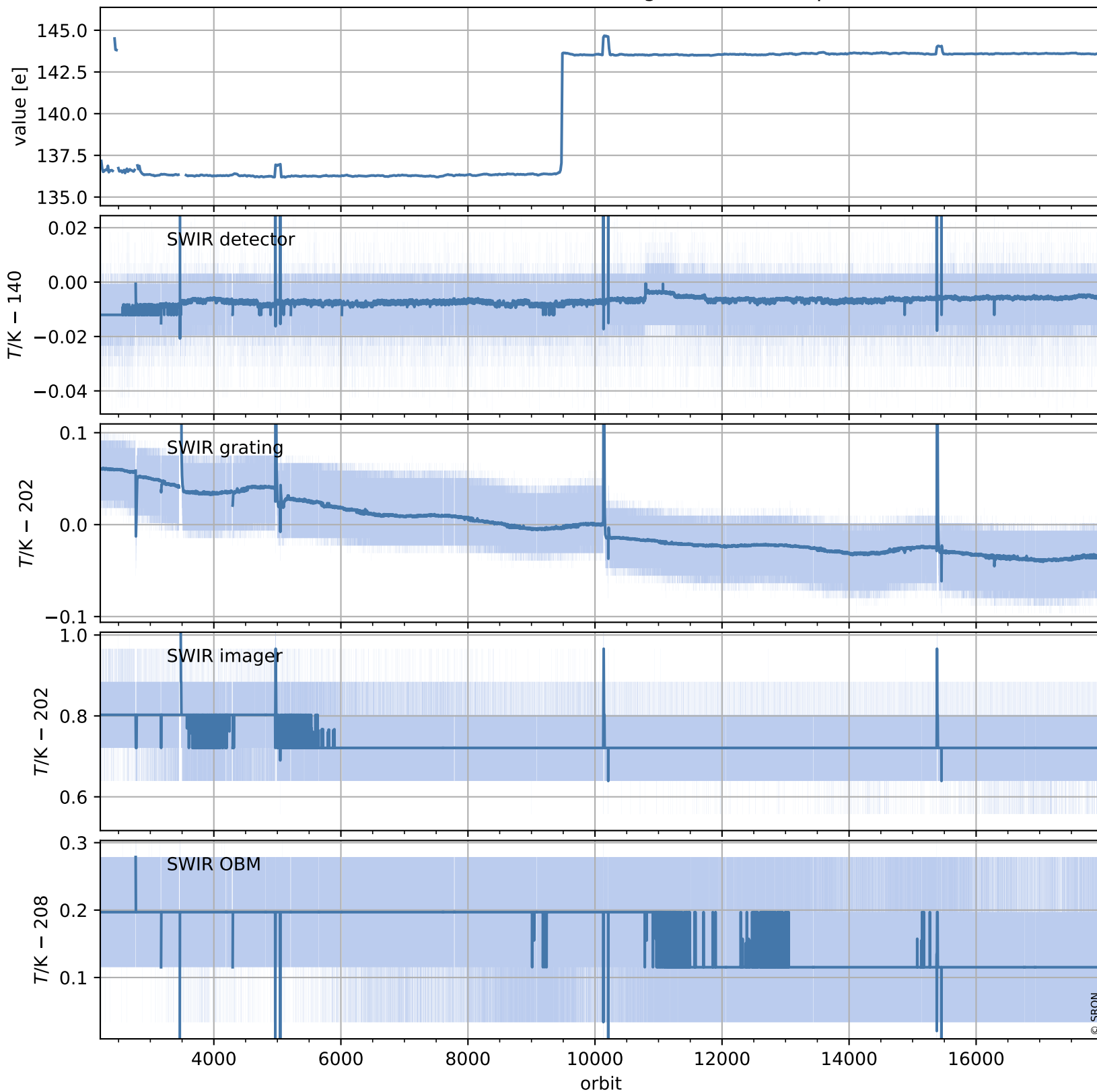
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17977]
coverage : 2018-03-18 / 2021-04-02
created : 2023-08-21T15:56:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17977]
coverage : 2018-03-18 / 2021-04-02
created : 2023-08-21T15:56:40

trend of normalized read-noise & temperatures

