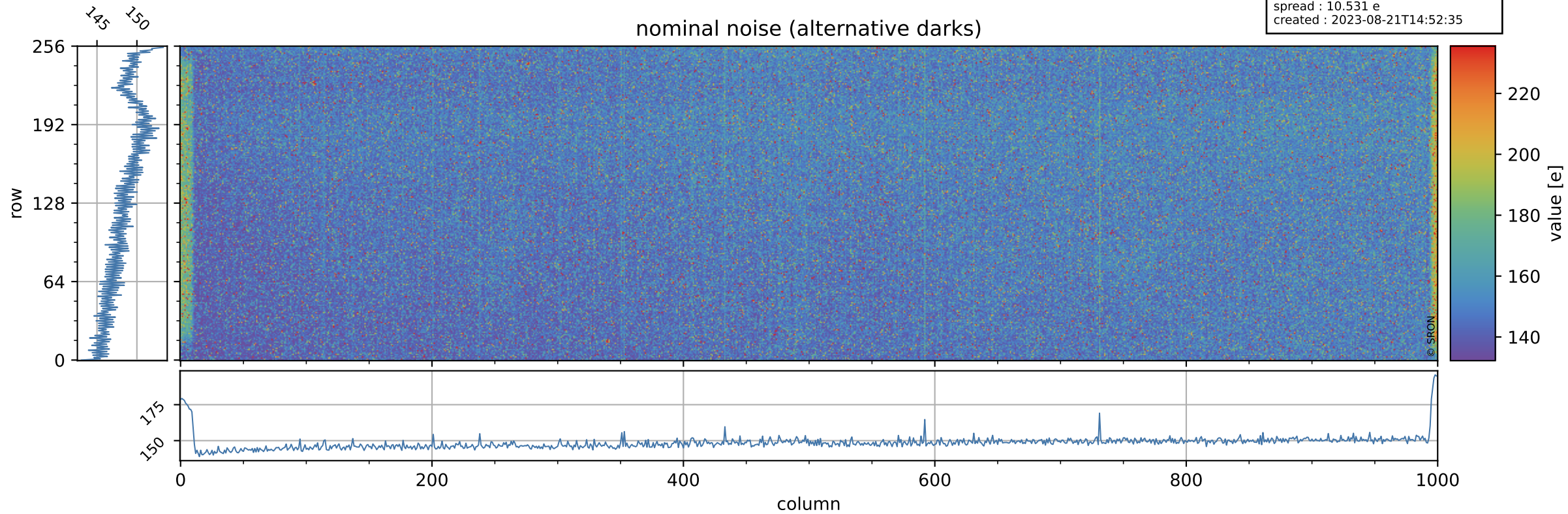


Tropomi SWIR background noise (swir)

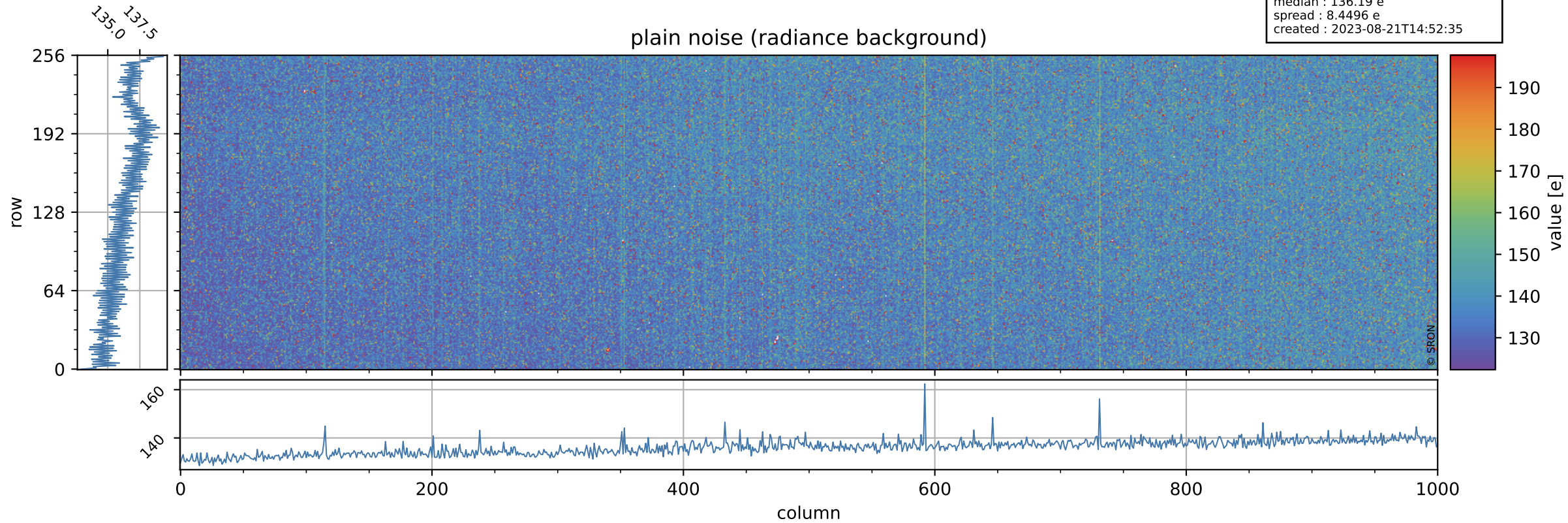
orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.531 e
created : 2023-08-21T14:52:35



Tropomi SWIR background noise (swir)

orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.4496 e
created : 2023-08-21T14:52:35

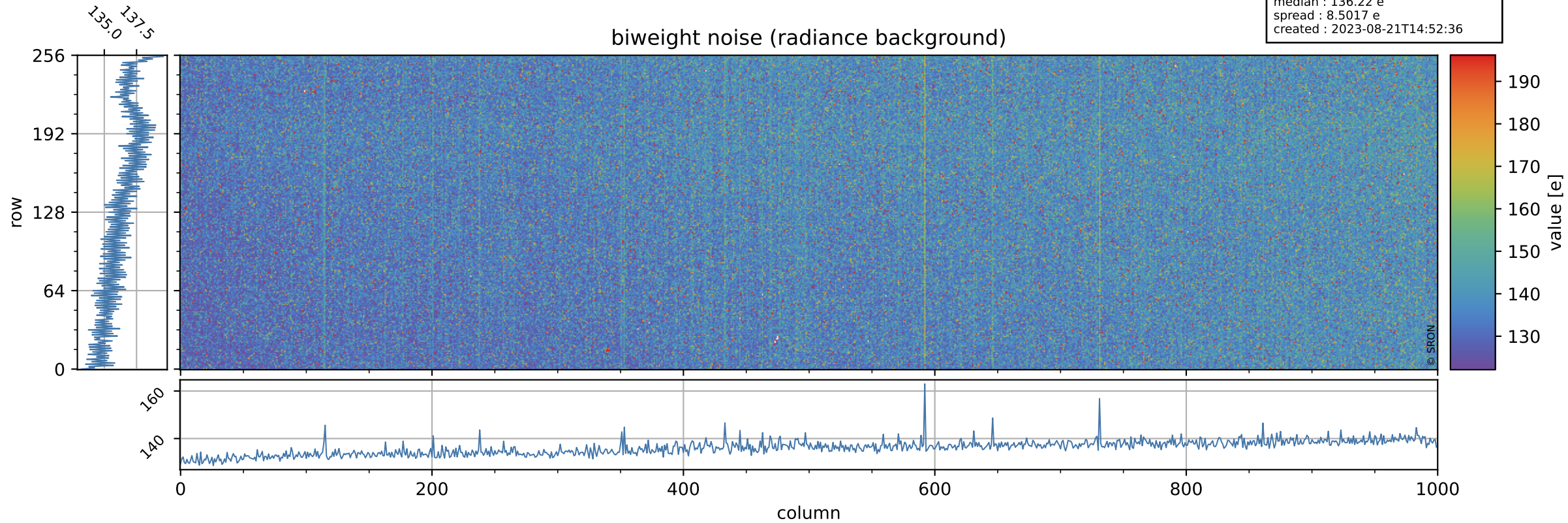
plain noise (radiance background)



Tropomi SWIR background noise (swir)

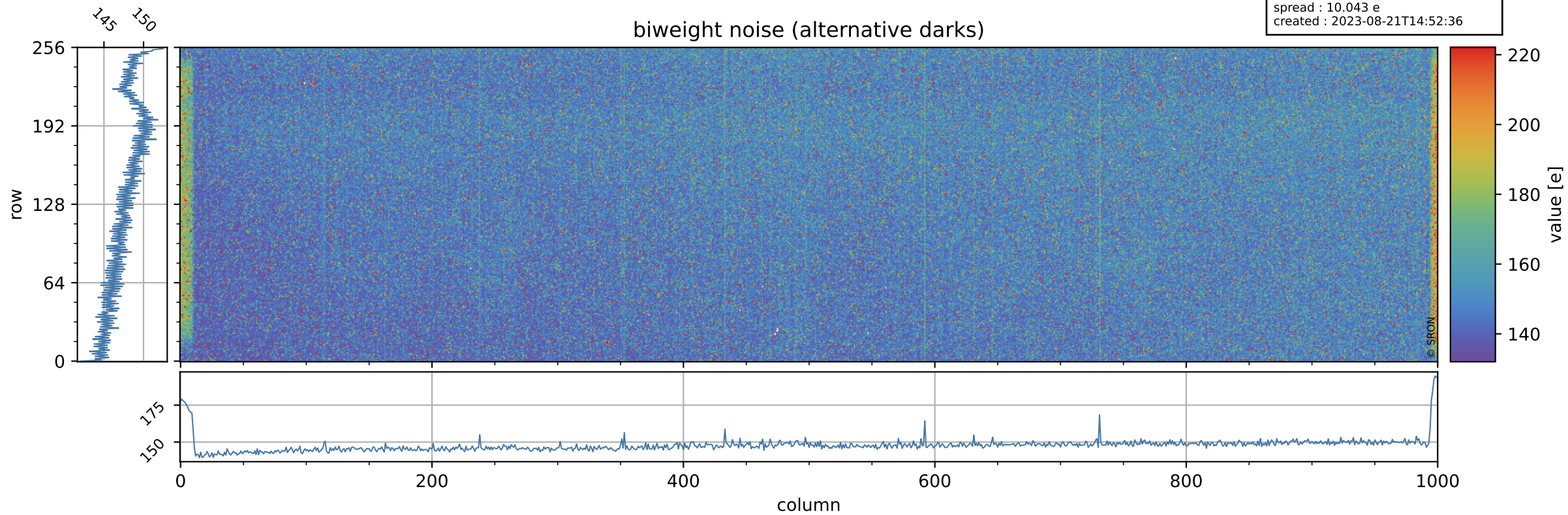
orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5017 e
created : 2023-08-21T14:52:36

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

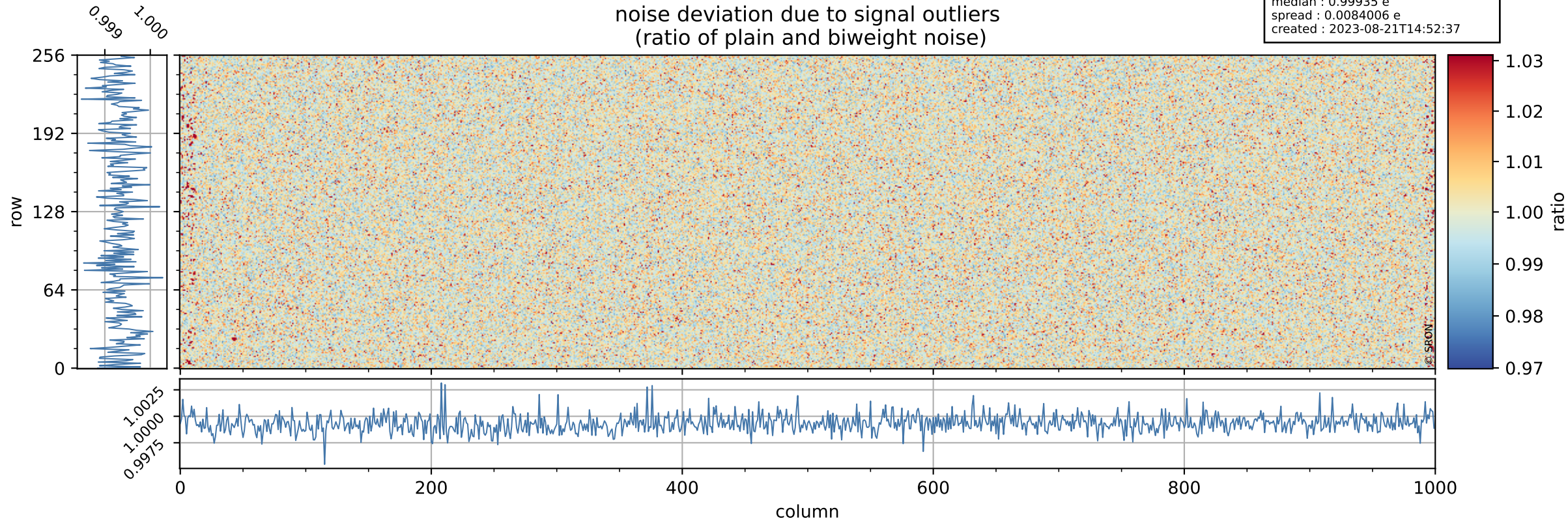
orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.043 e
created : 2023-08-21T14:52:36



Tropomi SWIR background noise (swir)

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

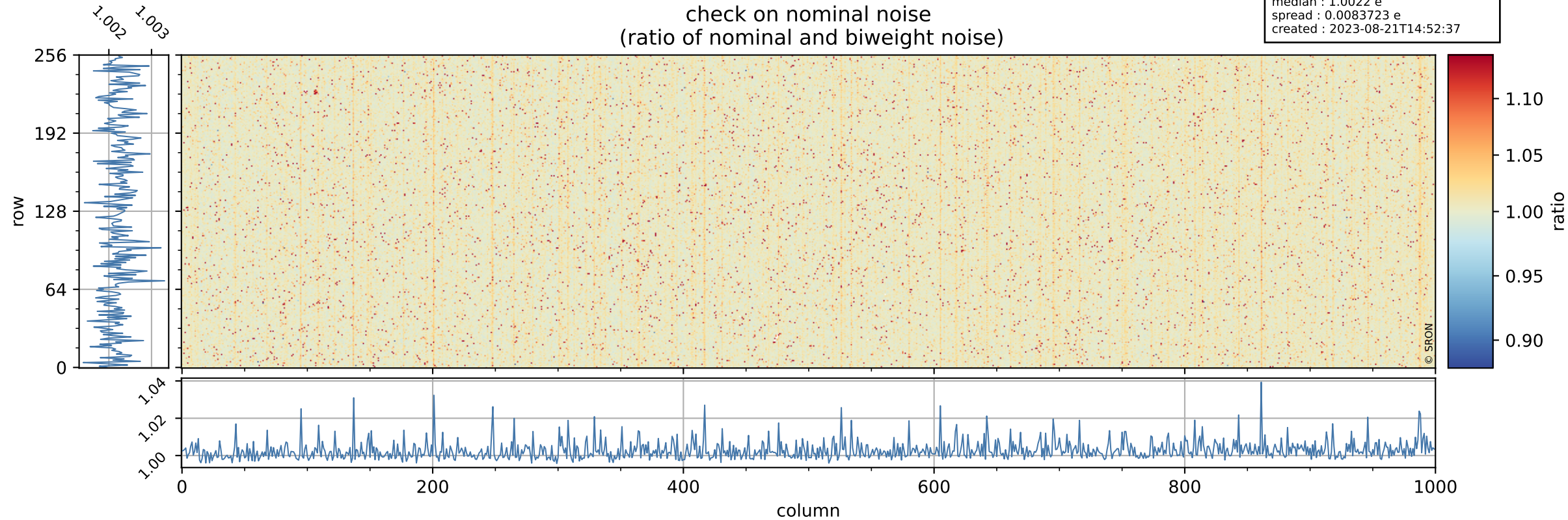
orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
median : 0.99935 e
spread : 0.0084006 e
created : 2023-08-21T14:52:37



Tropomi SWIR background noise (swir)

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

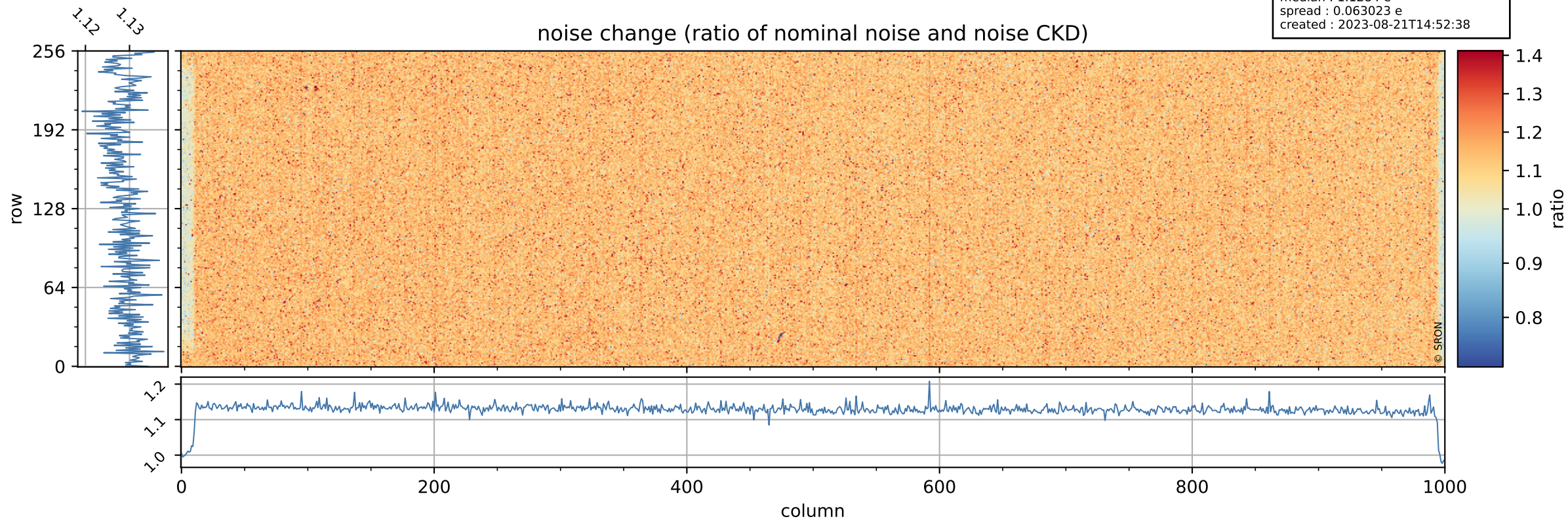
orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
median : 1.0022 e
spread : 0.0083723 e
created : 2023-08-21T14:52:37



Tropomi SWIR background noise (swir)

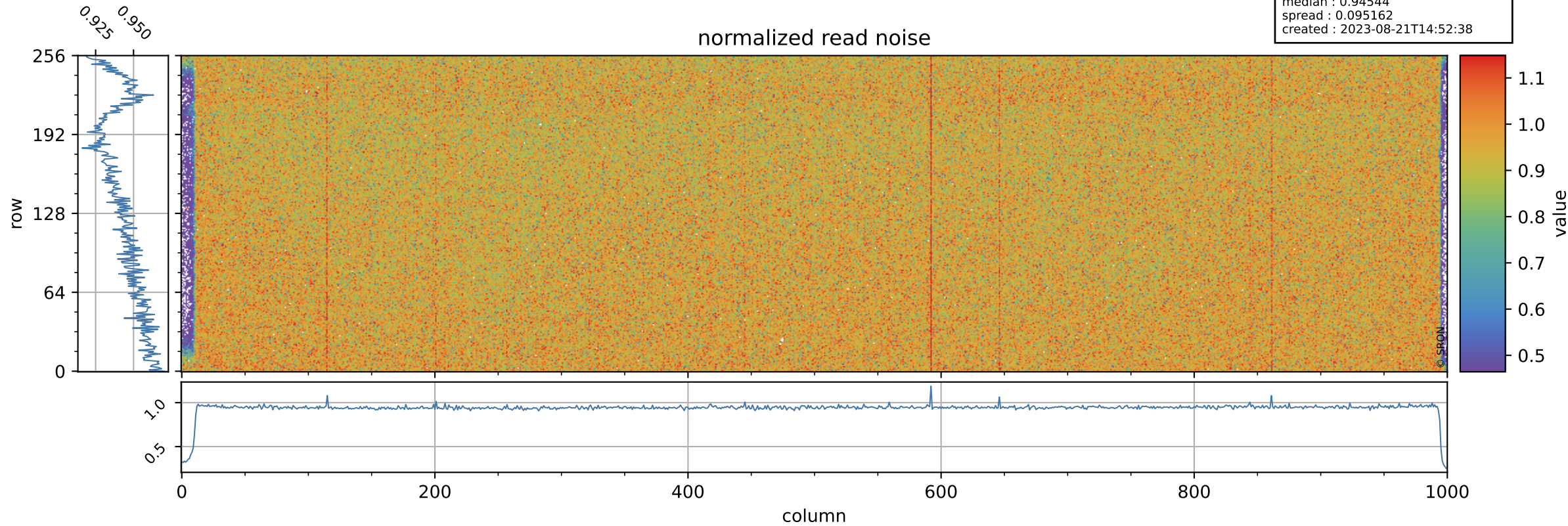
orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
median : 1.1284 e
spread : 0.063023 e
created : 2023-08-21T14:52:38

noise change (ratio of nominal noise and noise CKD)



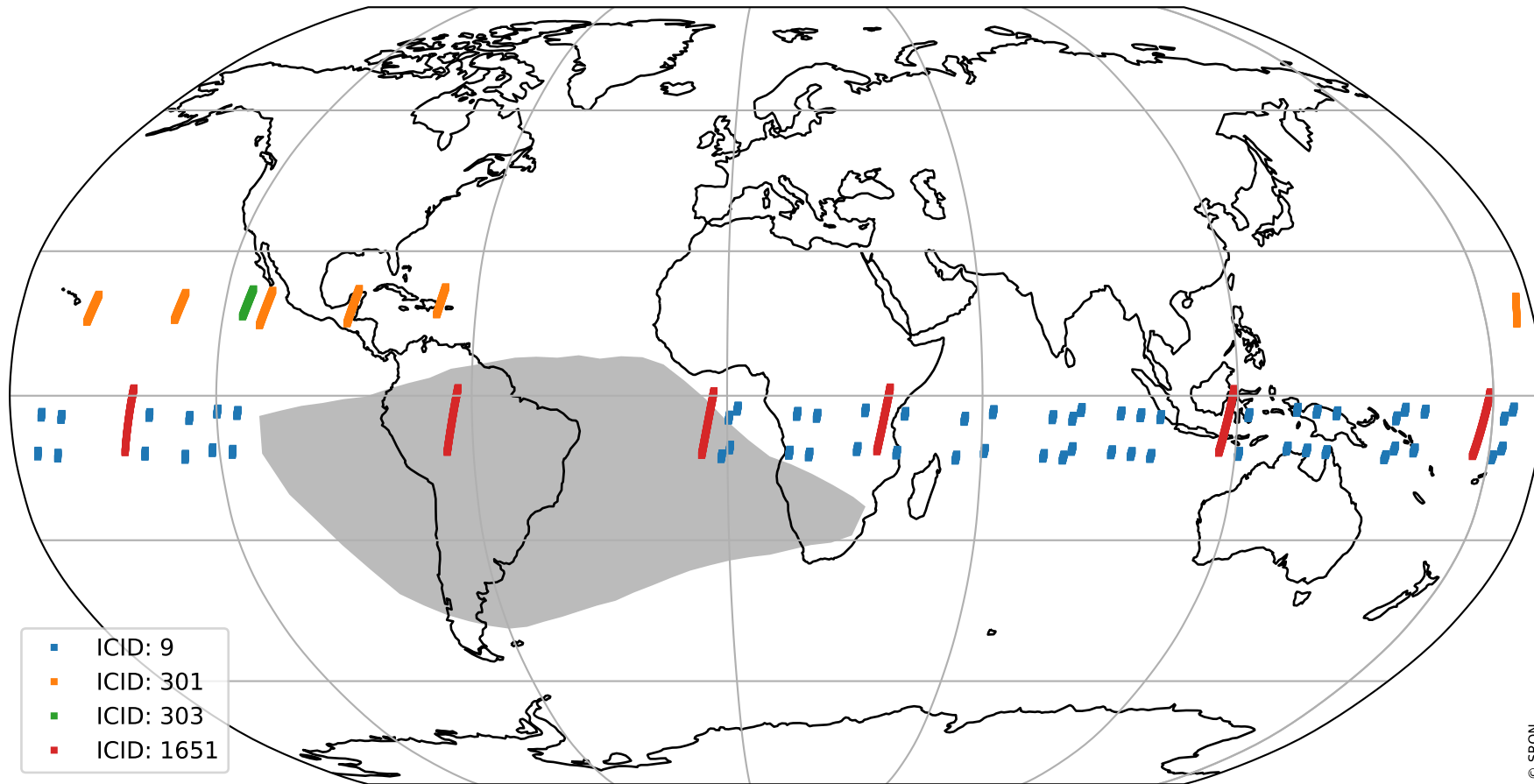
Tropomi SWIR background noise (swir)

orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
median : 0.94544
spread : 0.095162
created : 2023-08-21T14:52:38



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

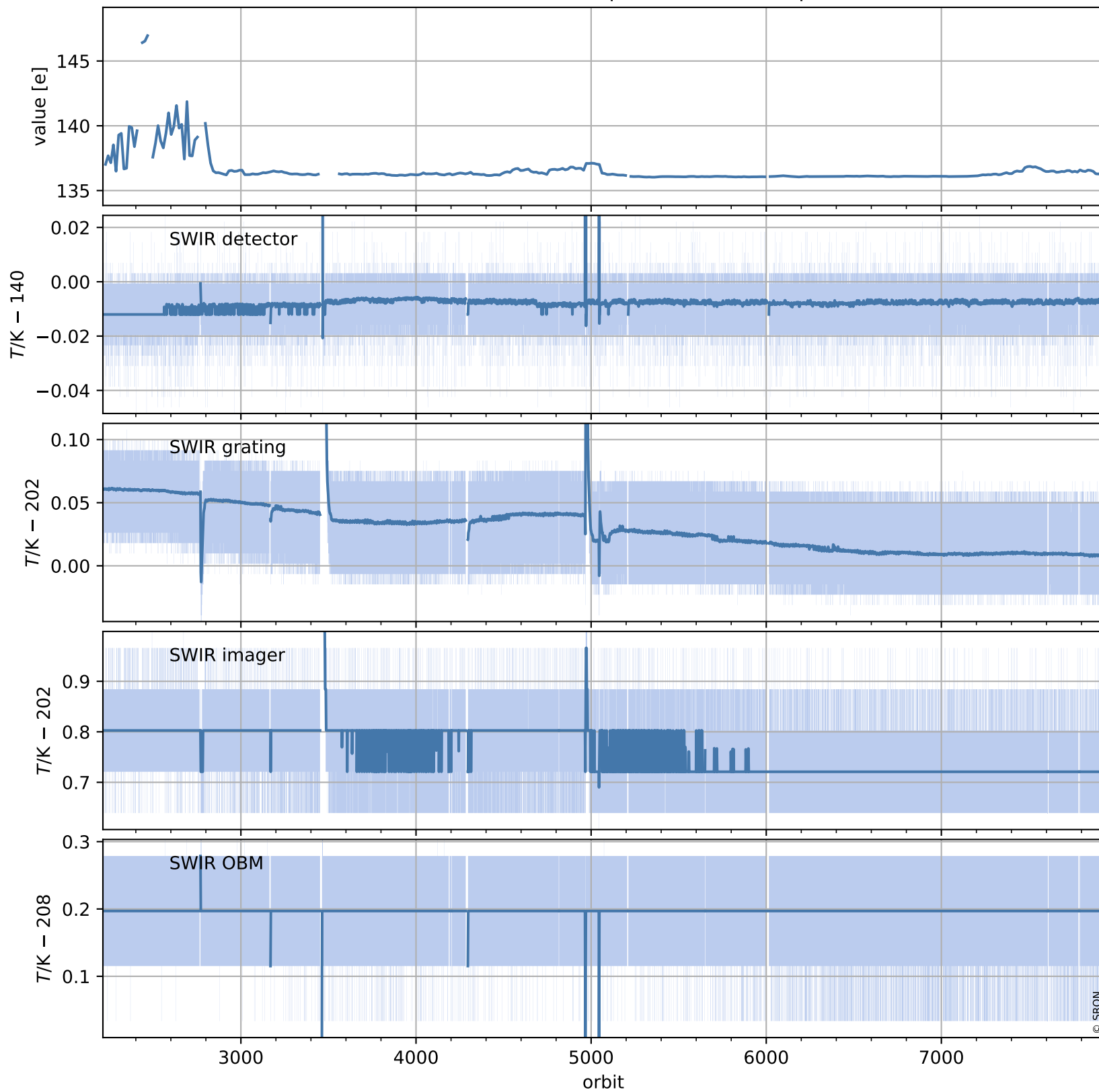
orbits : 13 in [7852, 7927]
coverage : 2019-04-19 / 2019-04-24
created : 2023-08-21T14:52:38



Tropomi SWIR background noise (swir)

orbits : [2212, 7927]
coverage : 2018-03-18 / 2019-04-24
created : 2023-08-21T14:52:39

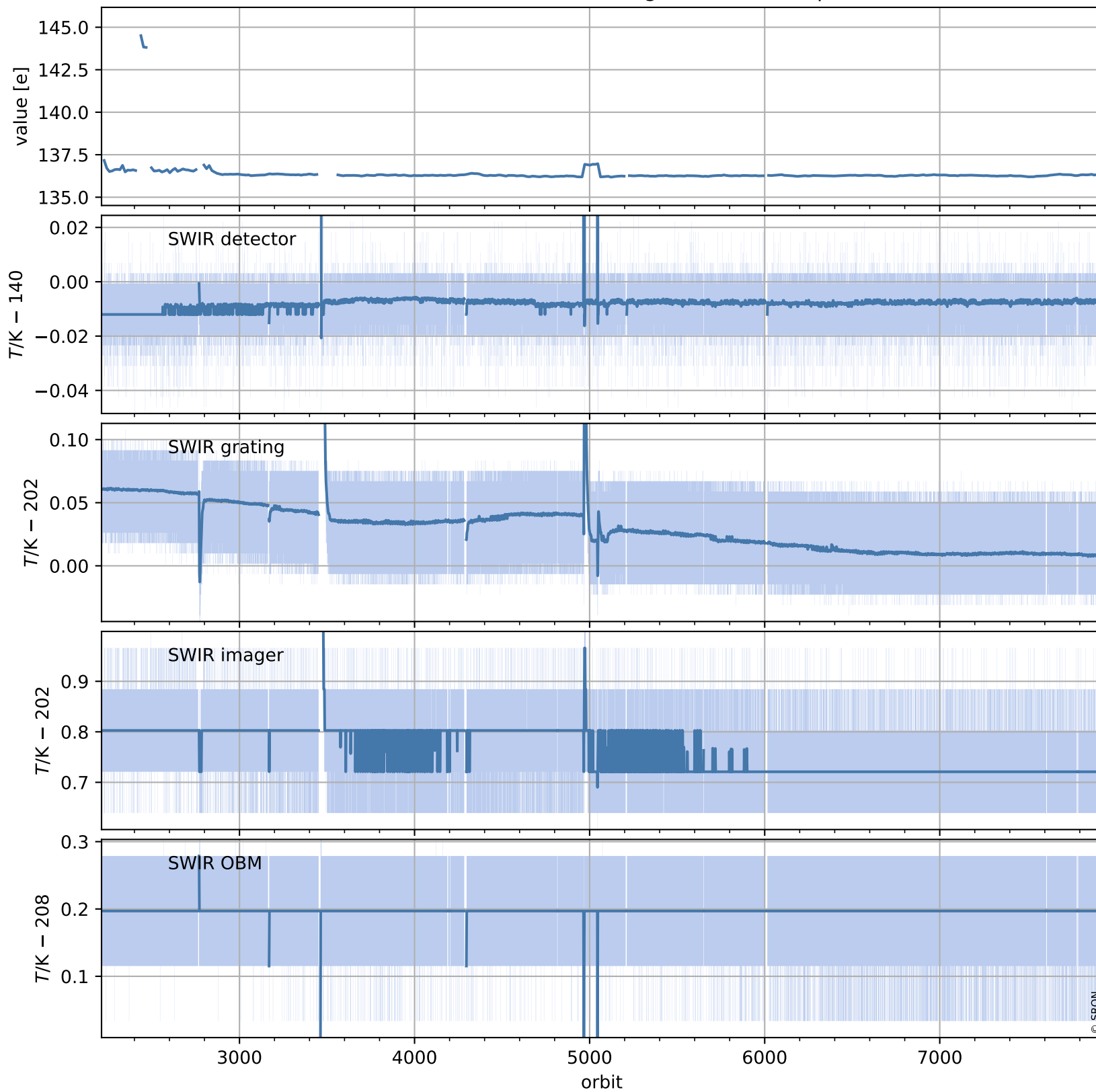
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7927]
coverage : 2018-03-18 / 2019-04-24
created : 2023-08-21T14:52:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7927]
coverage : 2018-03-18 / 2019-04-24
created : 2023-08-21T14:52:40

trend of normalized read-noise & temperatures

