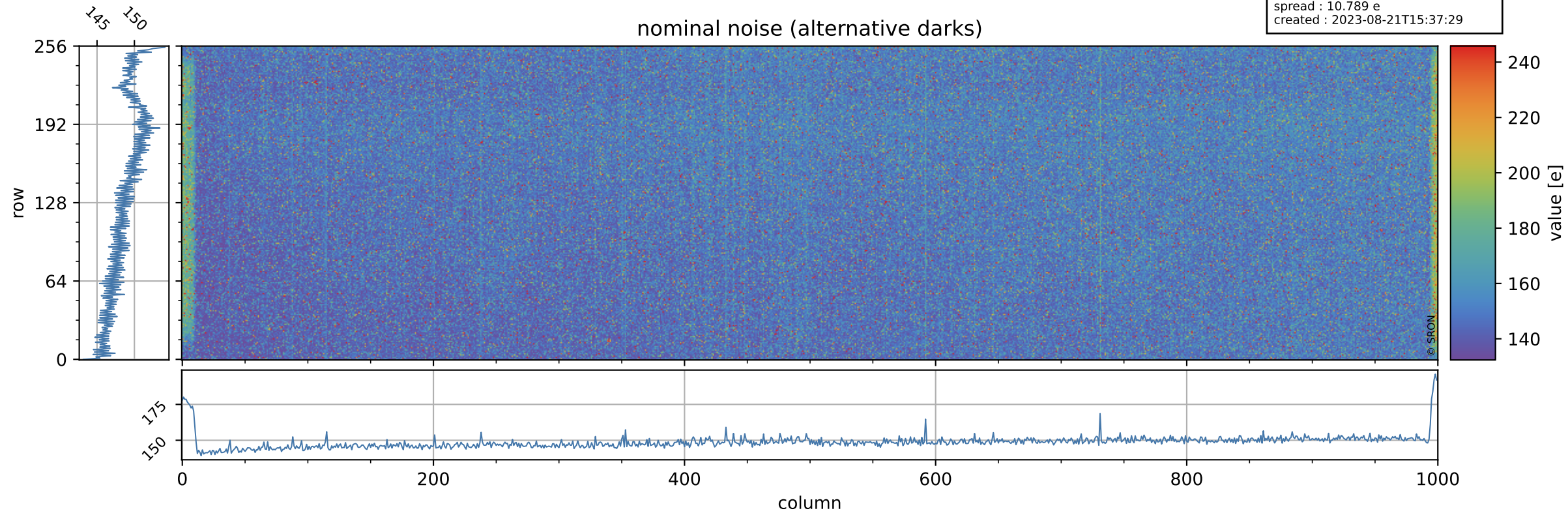


Tropomi SWIR background noise (swir)

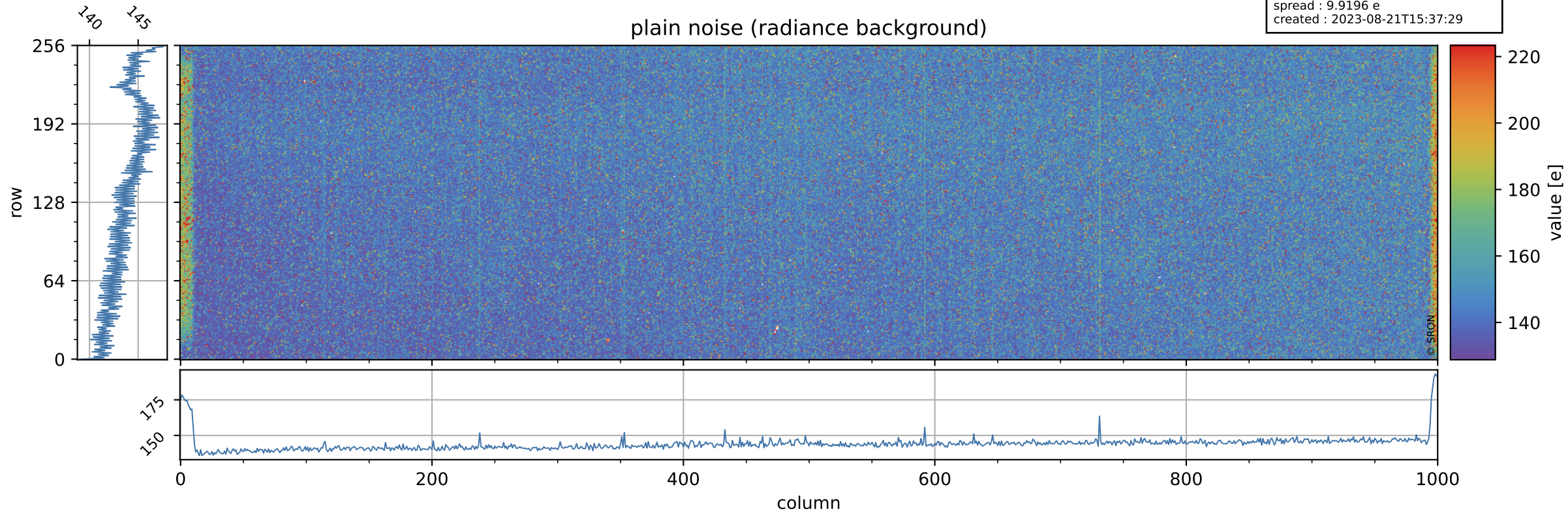
orbits : 12 in [14527, 14617]
coverage : 2020-08-02 / 2020-08-08
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.789 e
created : 2023-08-21T15:37:29



Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14617]
coverage : 2020-08-02 / 2020-08-08
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 9.9196 e
created : 2023-08-21T15:37:29

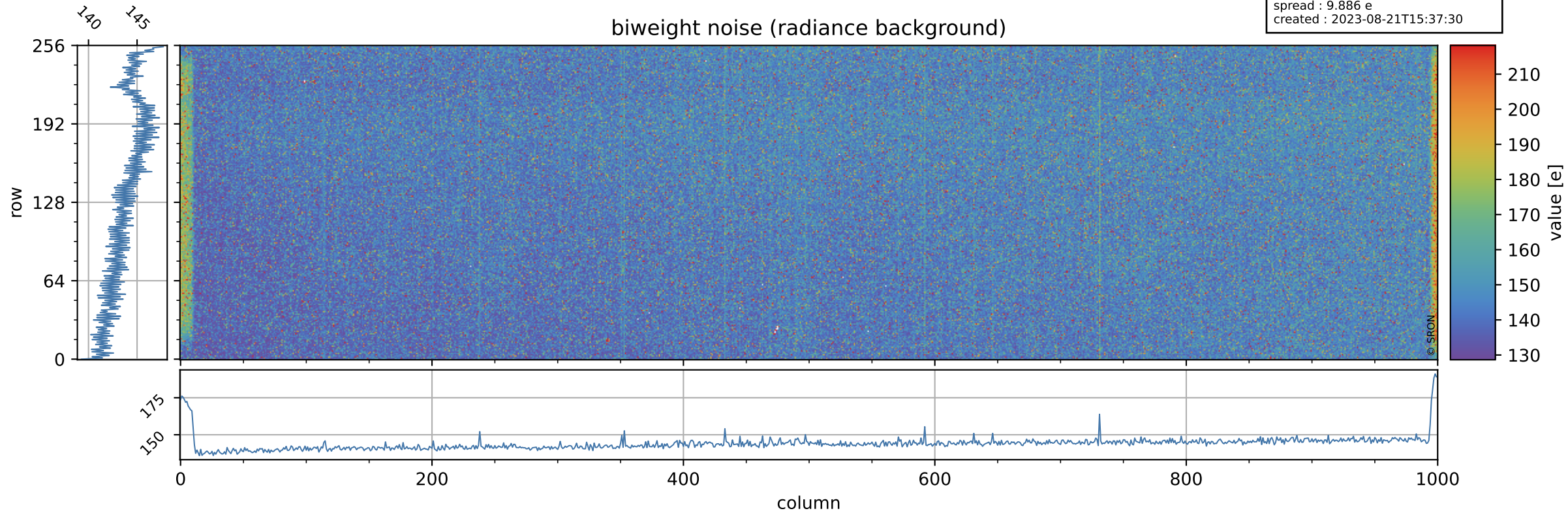
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14617]
coverage : 2020-08-02 / 2020-08-08
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.886 e
created : 2023-08-21T15:37:30

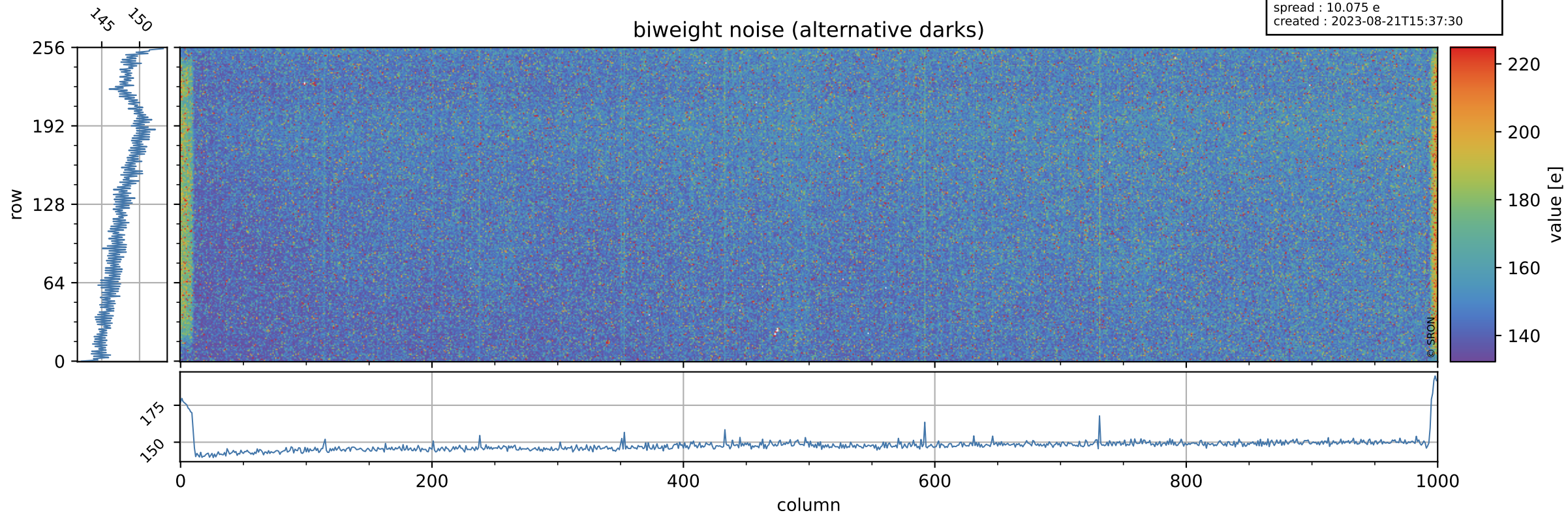
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14617]
coverage : 2020-08-02 / 2020-08-08
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.075 e
created : 2023-08-21T15:37:30

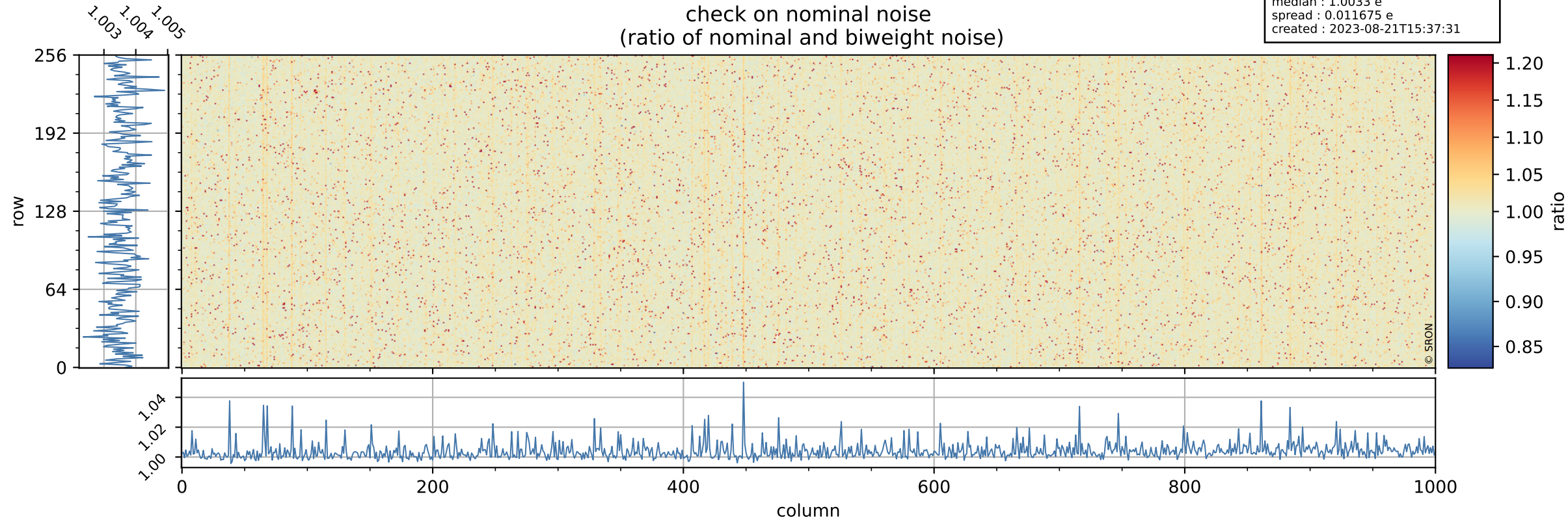
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

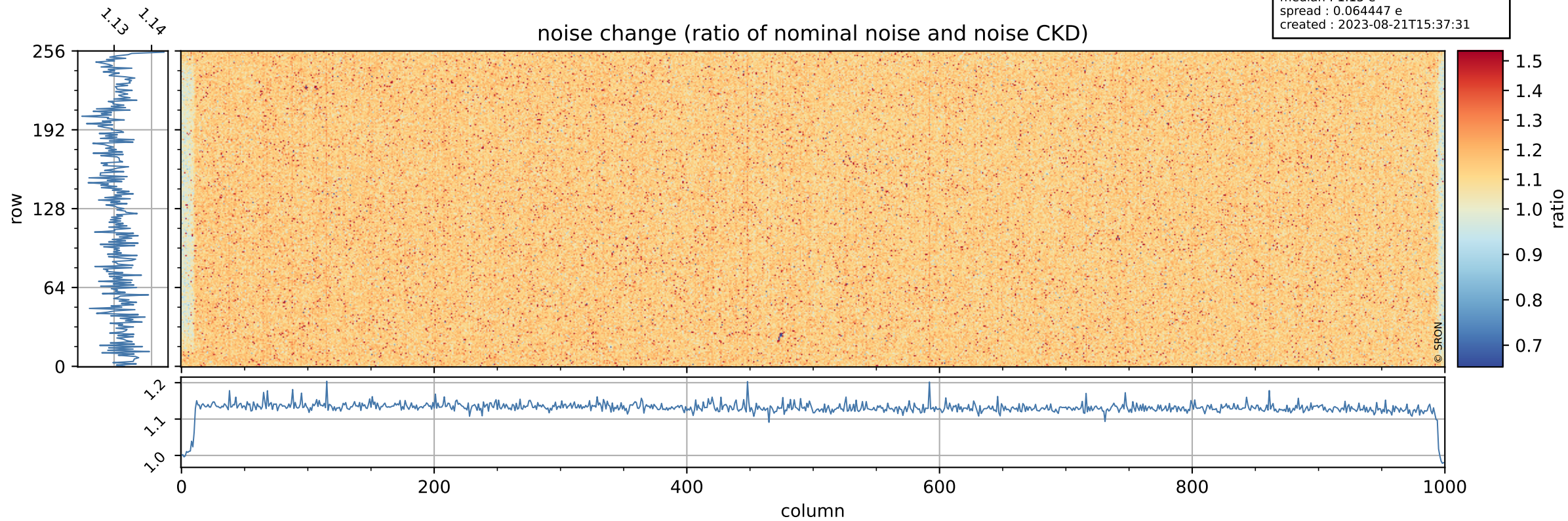
orbits : 12 in [14527, 14617]
coverage : 2020-08-02 / 2020-08-08
median : 1.0033 e
spread : 0.011675 e
created : 2023-08-21T15:37:31



Tropomi SWIR background noise (swir)

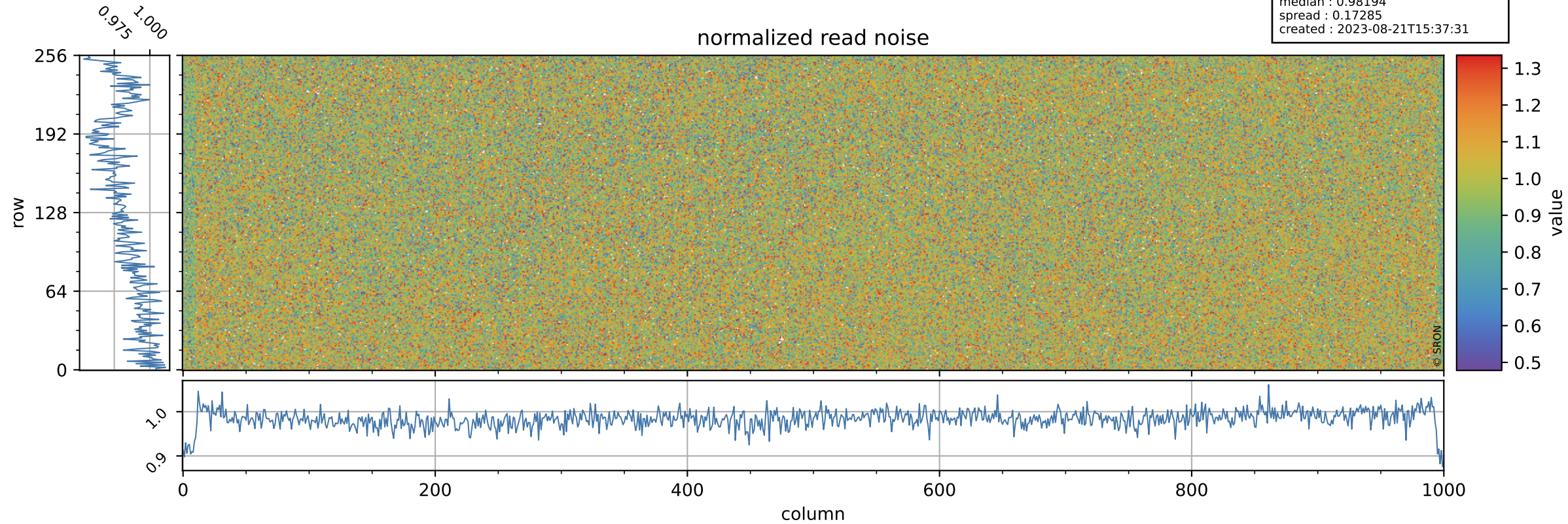
orbits : 12 in [14527, 14617]
coverage : 2020-08-02 / 2020-08-08
median : 1.13 e
spread : 0.064447 e
created : 2023-08-21T15:37:31

noise change (ratio of nominal noise and noise CKD)



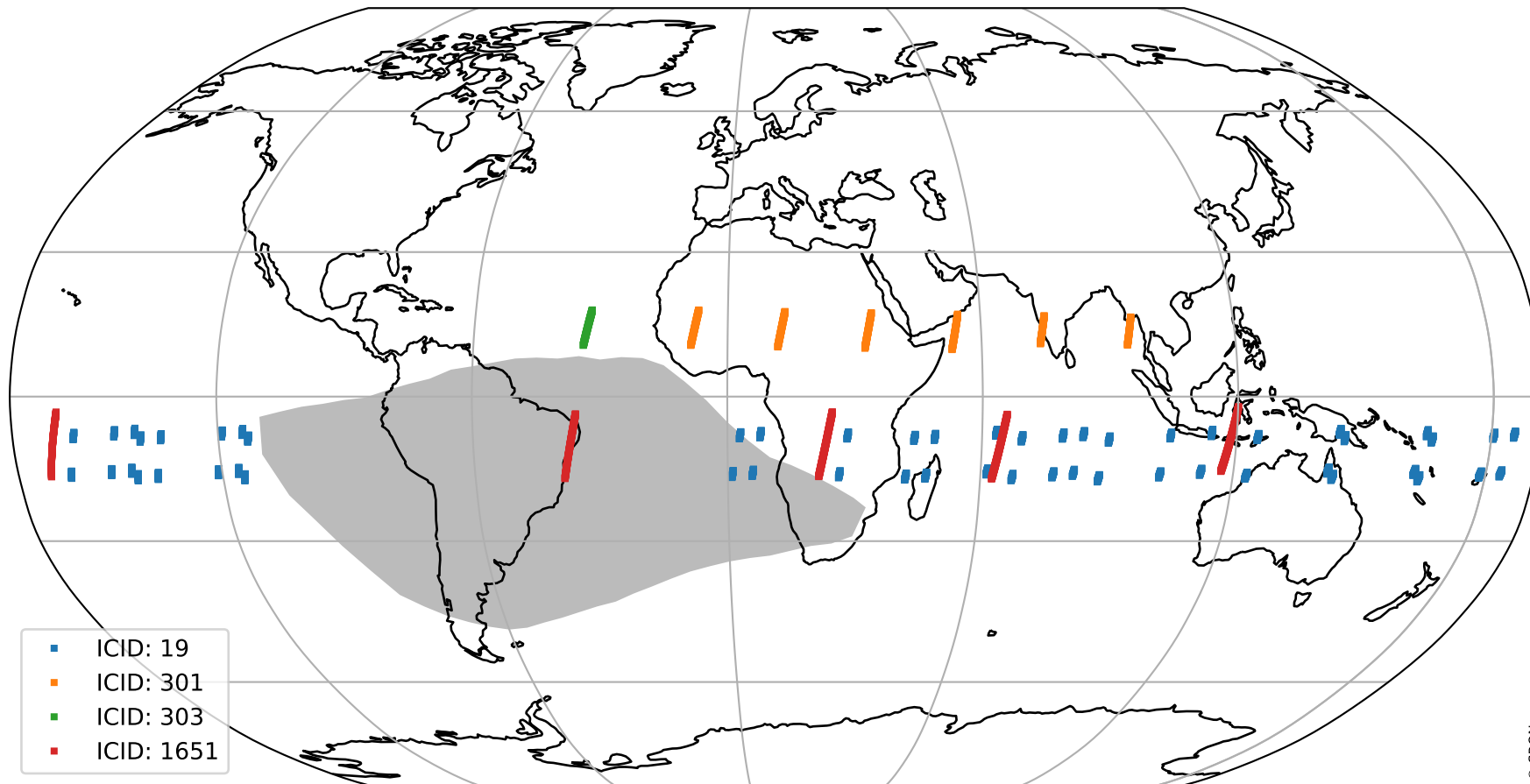
Tropomi SWIR background noise (swir)

orbits : 12 in [14527, 14617]
coverage : 2020-08-02 / 2020-08-08
median : 0.98194
spread : 0.17285
created : 2023-08-21T15:37:31



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

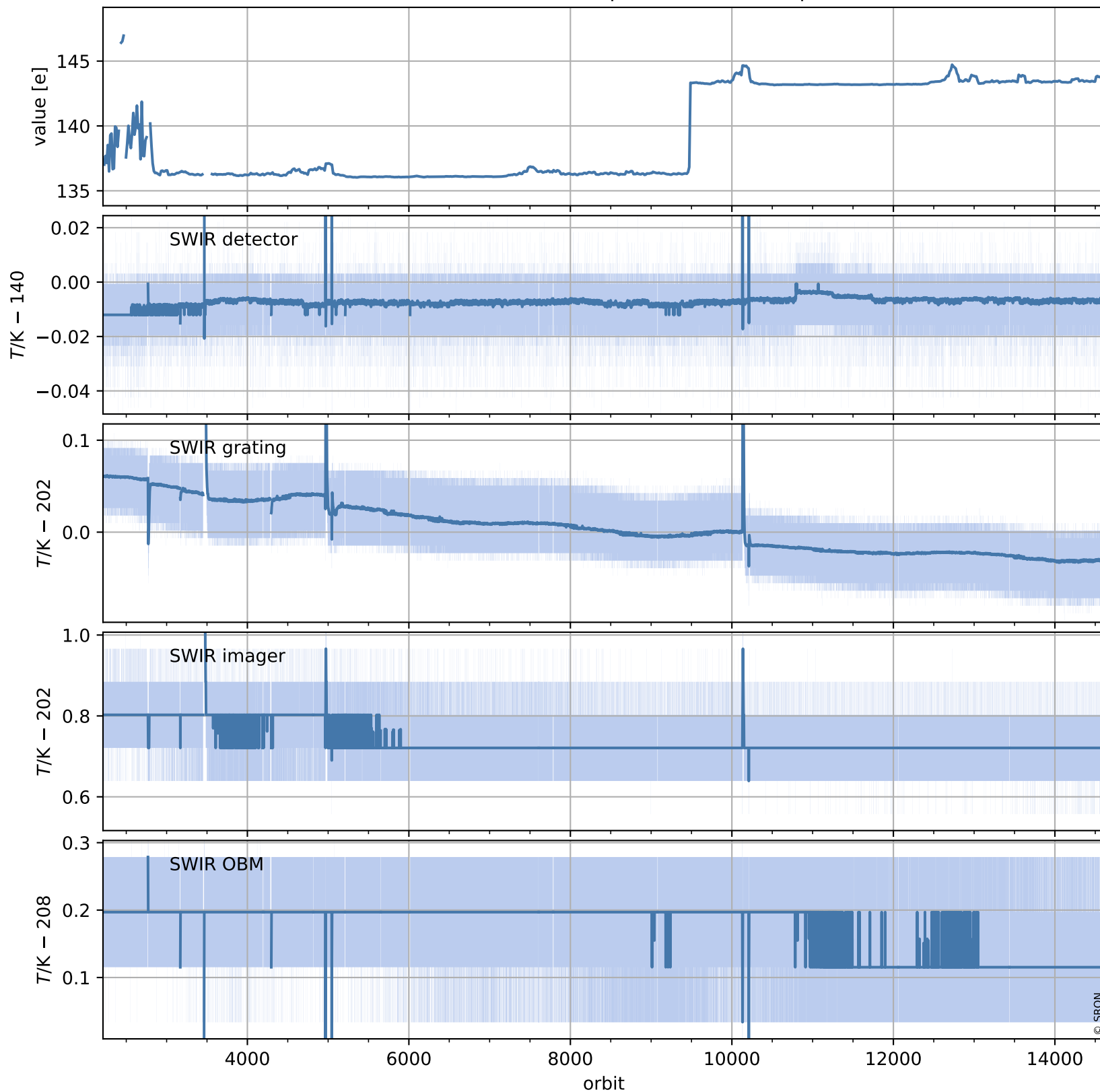
orbits : 12 in [14527, 14617]
coverage : 2020-08-02 / 2020-08-08
created : 2023-08-21T15:37:31



Tropomi SWIR background noise (swir)

orbits : [2212, 14617]
coverage : 2018-03-18 / 2020-08-08
created : 2023-08-21T15:37:32

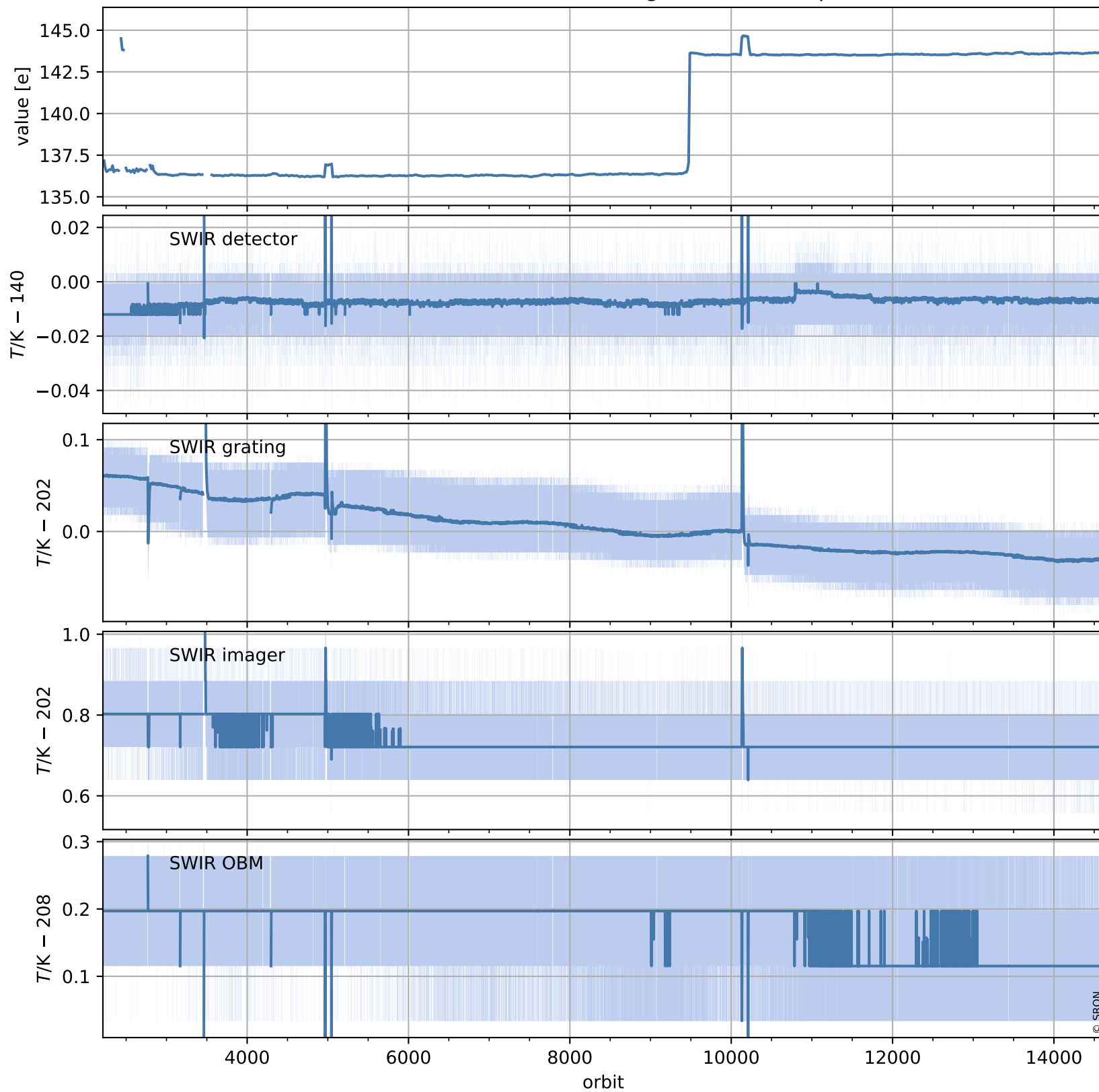
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14617]
coverage : 2018-03-18 / 2020-08-08
created : 2023-08-21T15:37:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14617]
coverage : 2018-03-18 / 2020-08-08
created : 2023-08-21T15:37:33

trend of normalized read-noise & temperatures

