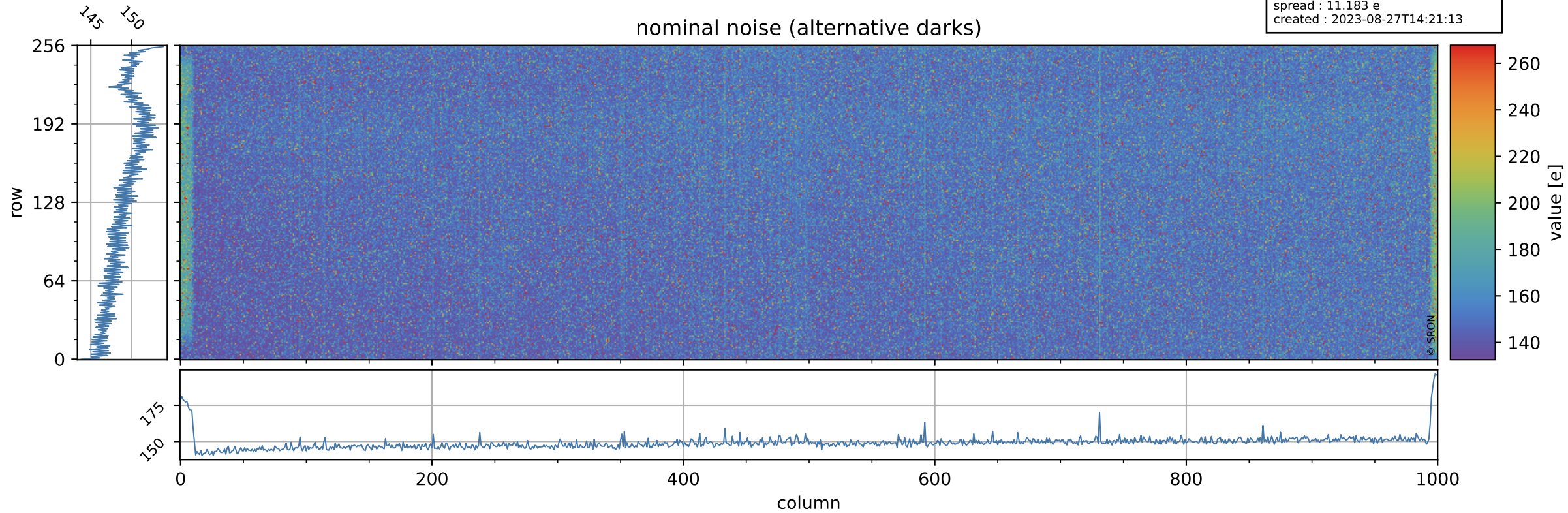


Tropomi SWIR background noise (swir)

orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
n_coad, t_exp : 1, 1.0783
median : 148.96 e
spread : 11.183 e
created : 2023-08-27T14:21:13

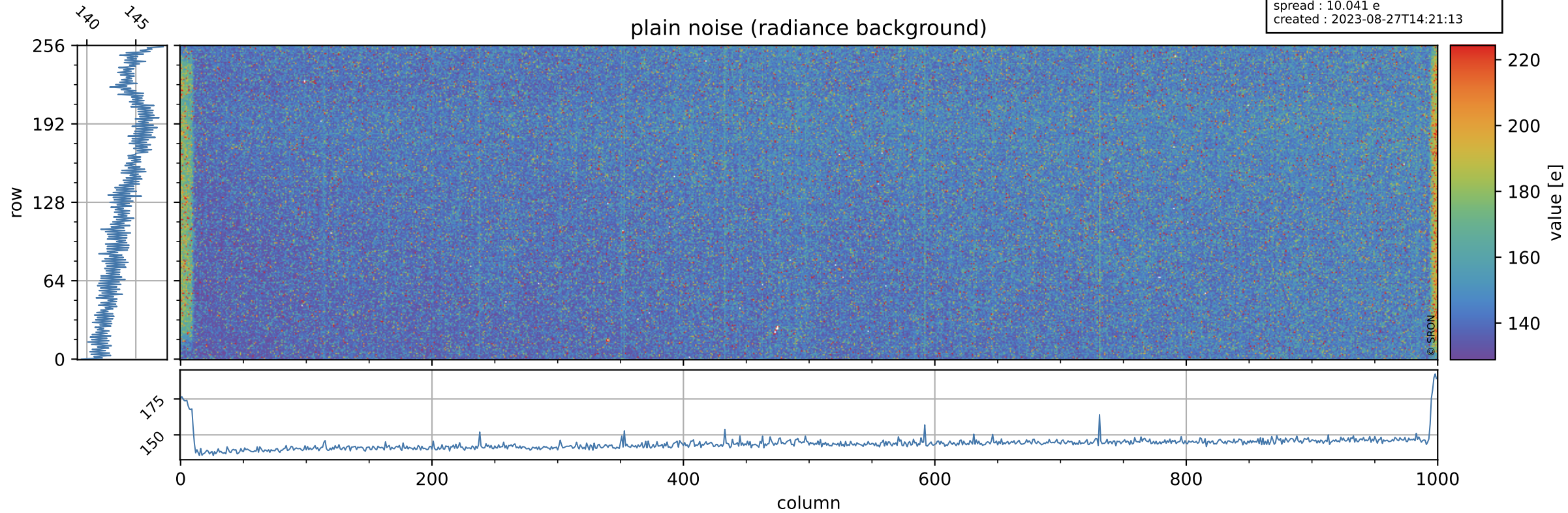
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 10.041 e
created : 2023-08-27T14:21:13

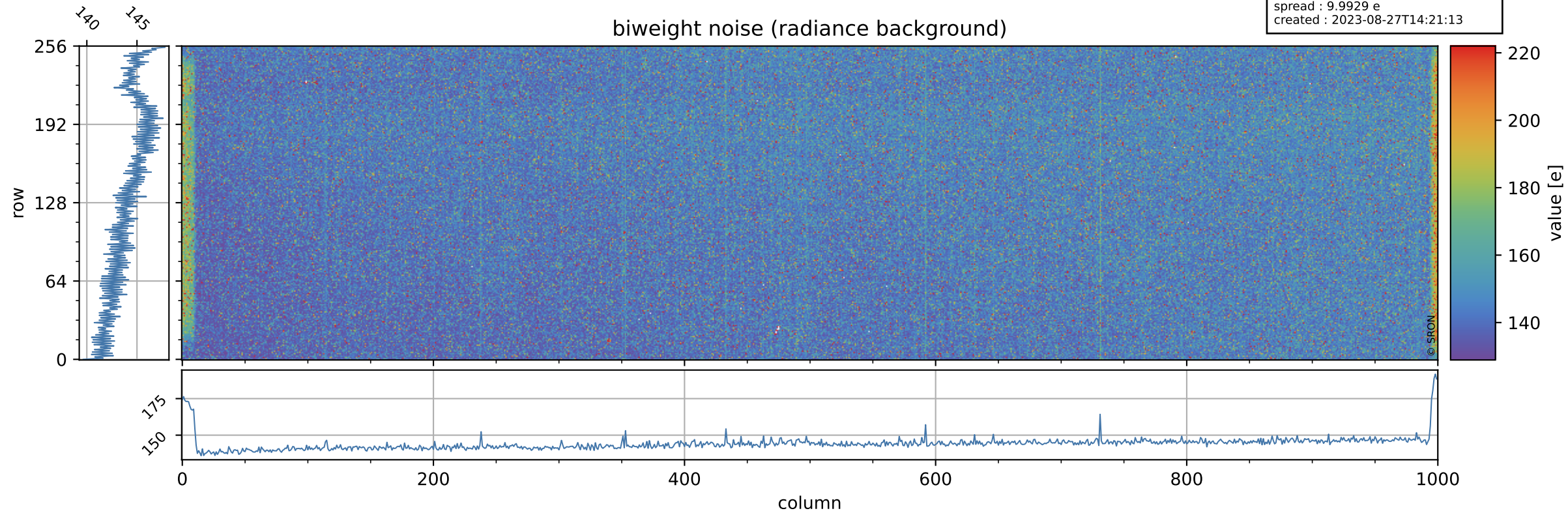
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
n_coad, t_exp : 1, 0.8383
median : 143.96 e
spread : 9.9929 e
created : 2023-08-27T14:21:13

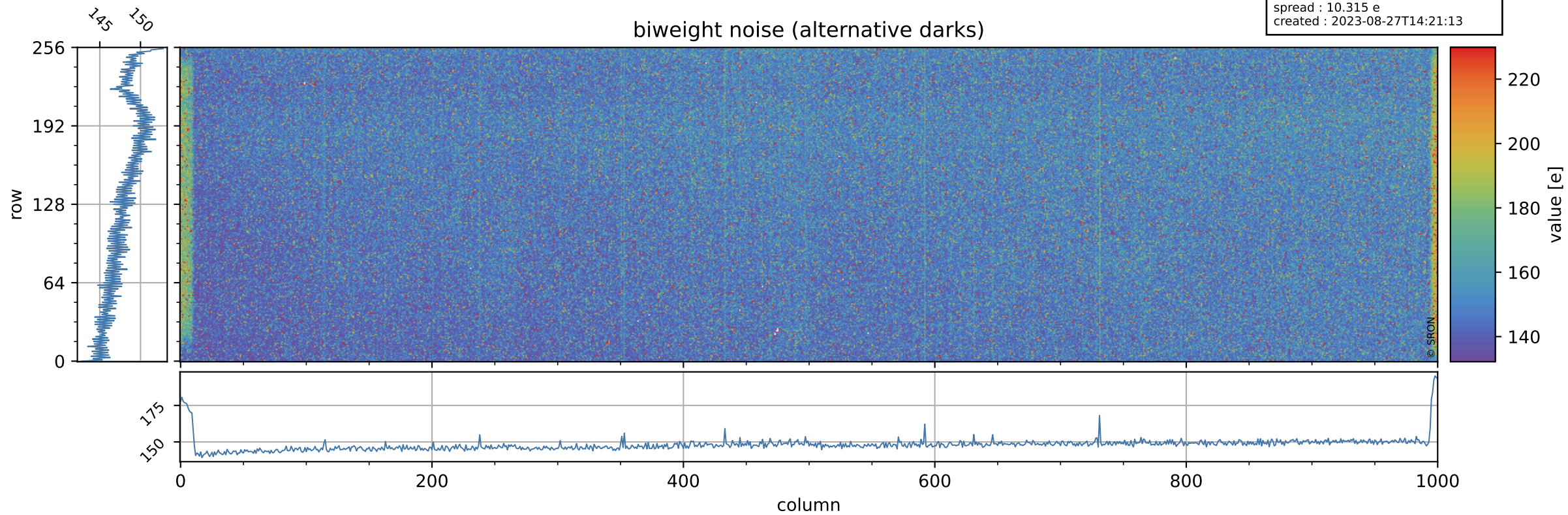
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.315 e
created : 2023-08-27T14:21:13

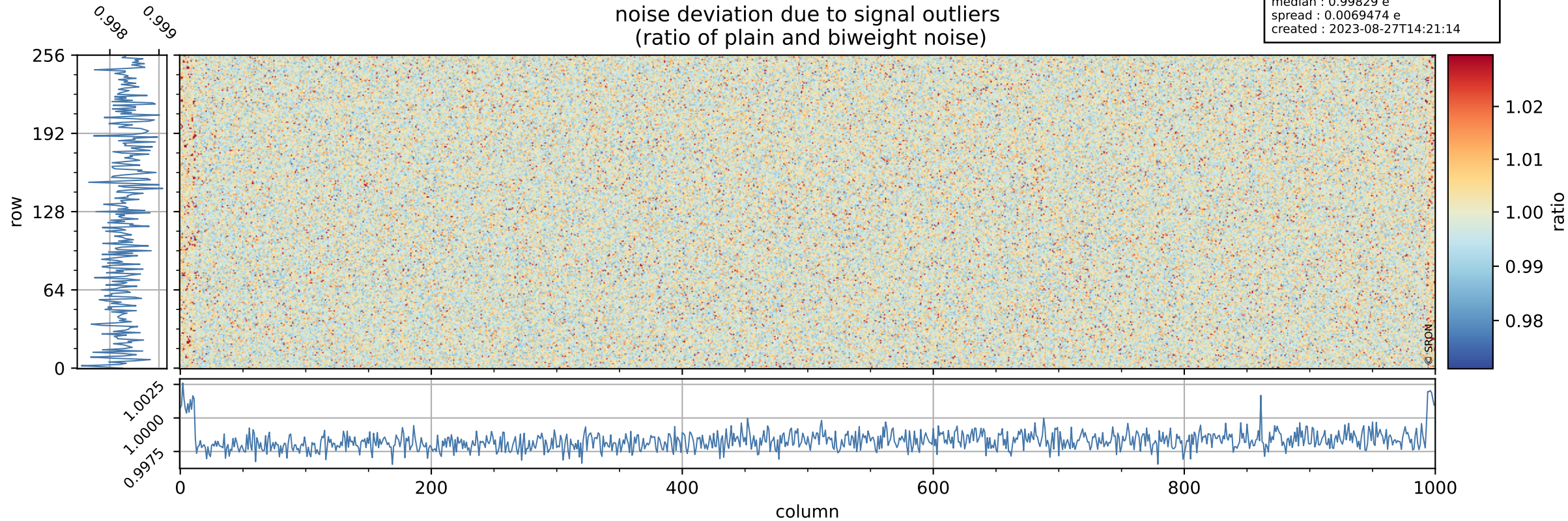
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

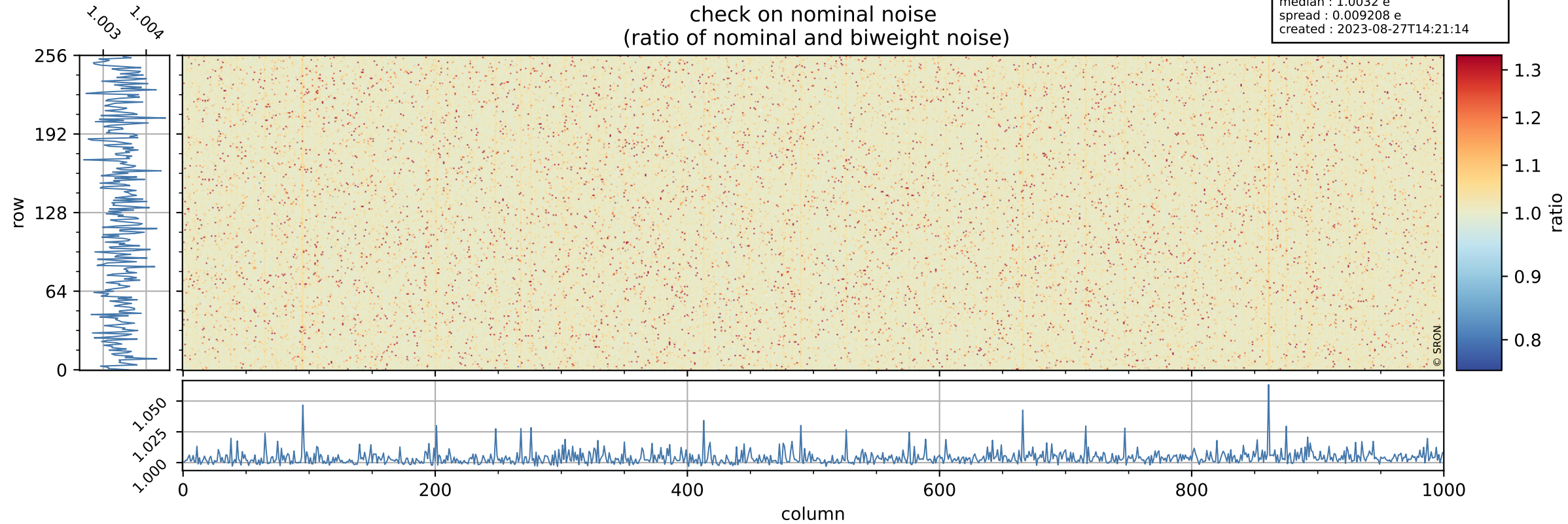
orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
median : 0.99829 e
spread : 0.0069474 e
created : 2023-08-27T14:21:14



Tropomi SWIR background noise (swir)

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

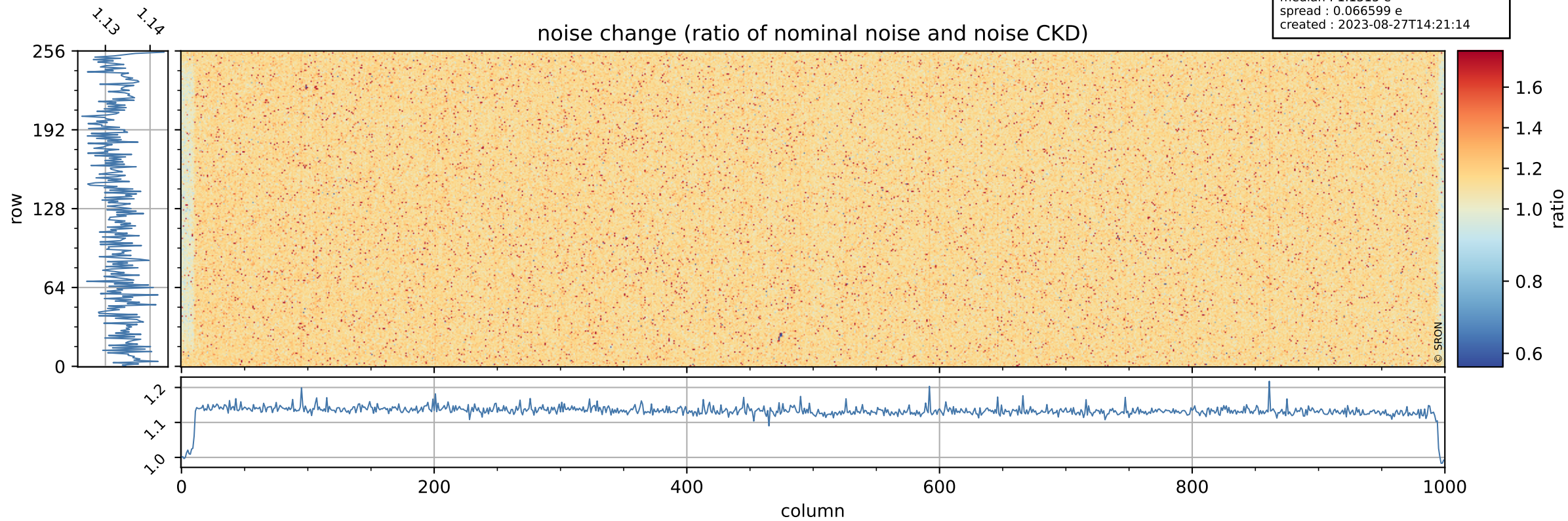
orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
median : 1.0032 e
spread : 0.009208 e
created : 2023-08-27T14:21:14



Tropomi SWIR background noise (swir)

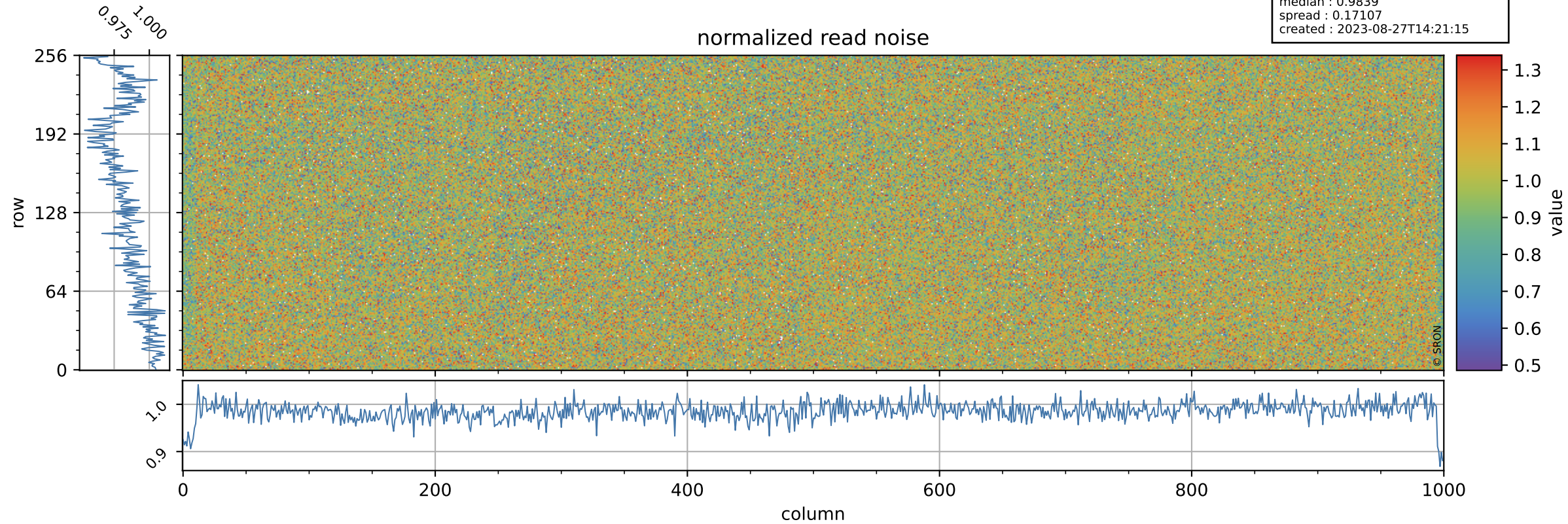
orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
median : 1.1315 e
spread : 0.066599 e
created : 2023-08-27T14:21:14

noise change (ratio of nominal noise and noise CKD)



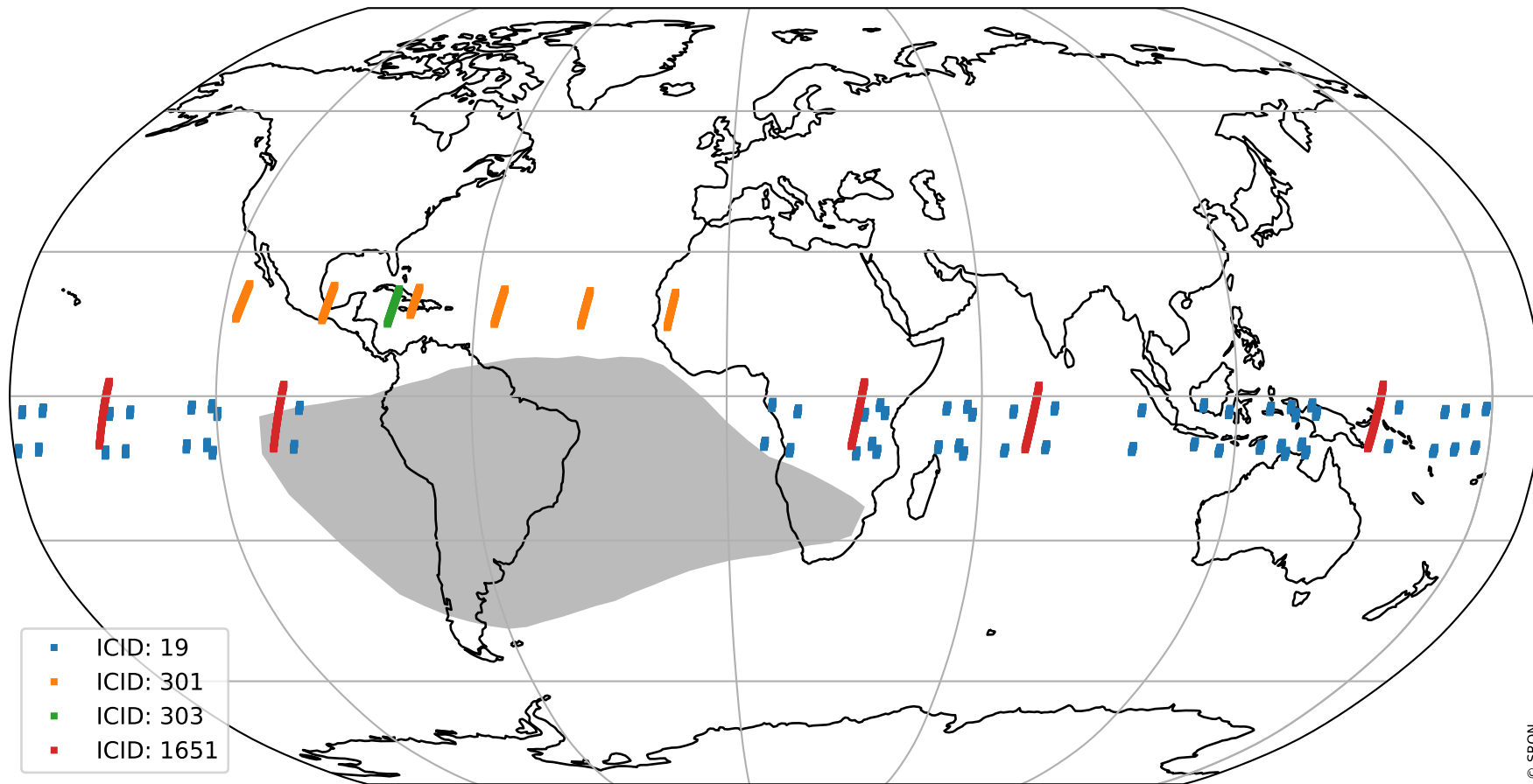
Tropomi SWIR background noise (swir)

orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
median : 0.9839
spread : 0.17107
created : 2023-08-27T14:21:15



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

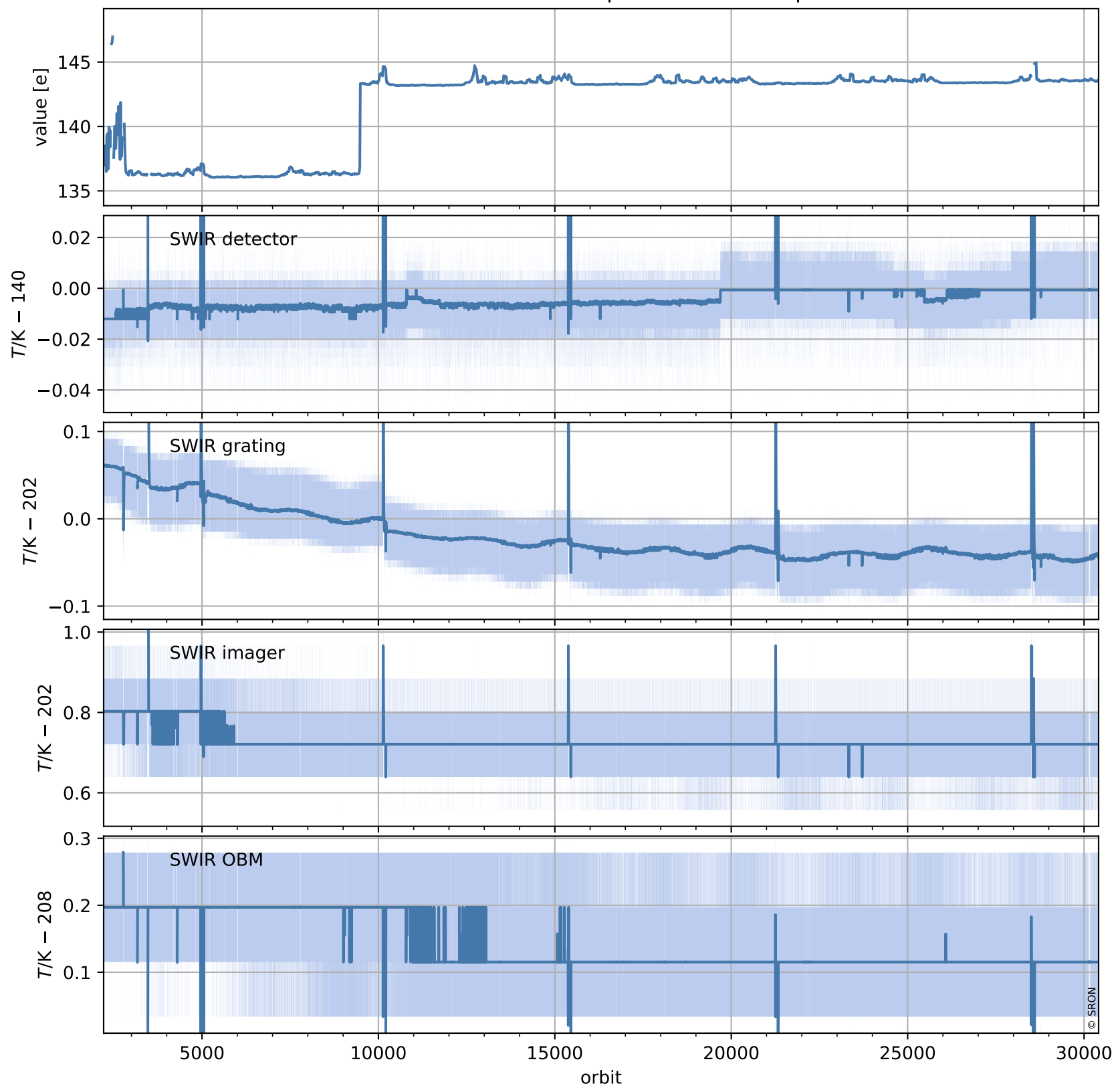
orbits : 12 in [30322, 30412]
coverage : 2023-08-21 / 2023-08-26
created : 2023-08-27T14:21:15



Tropomi SWIR background noise (swir)

orbits : [2212, 30412]
coverage : 2018-03-18 / 2023-08-26
created : 2023-08-27T14:21:16

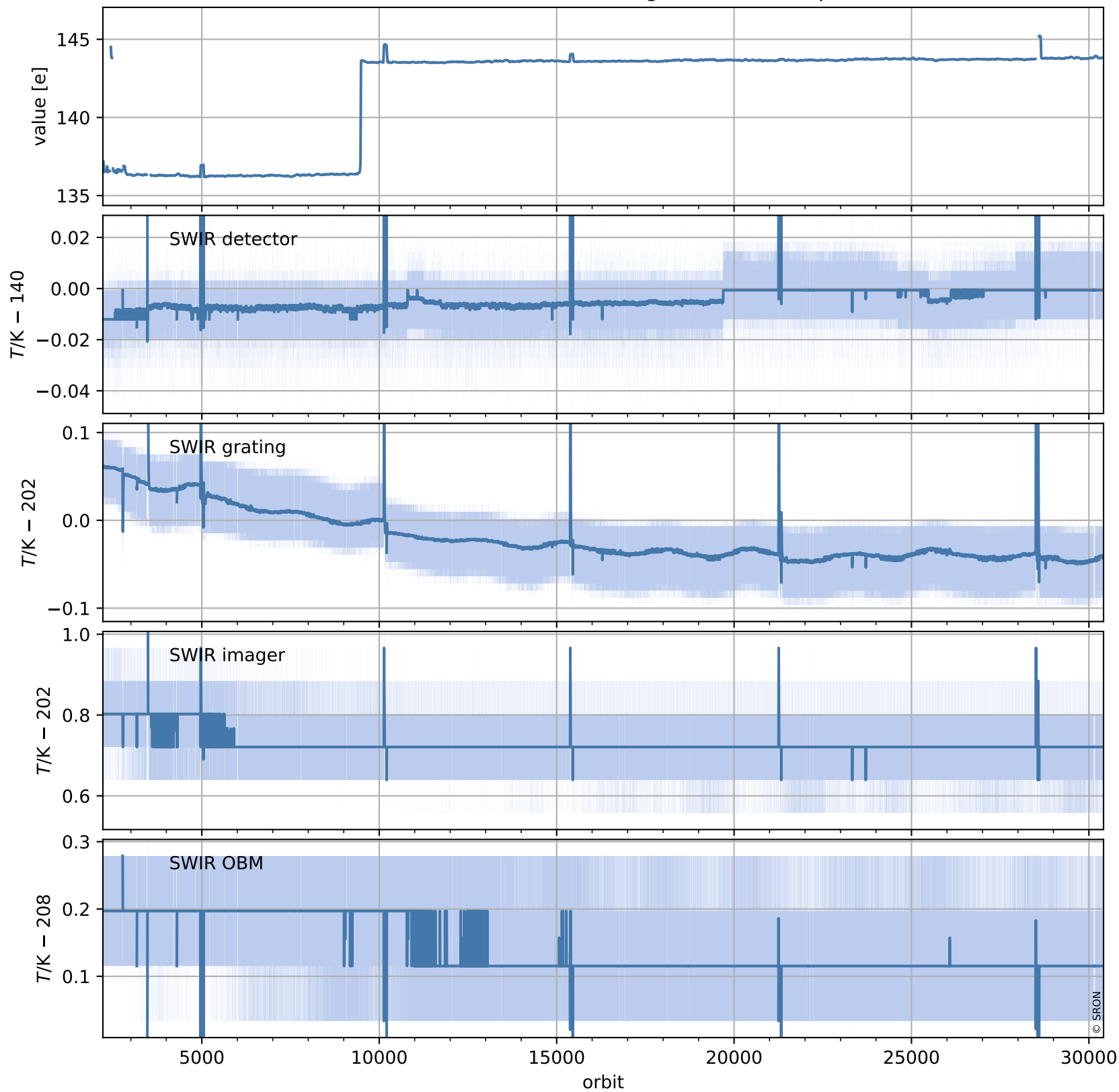
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30412]
coverage : 2018-03-18 / 2023-08-26
created : 2023-08-27T14:21:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30412]
coverage : 2018-03-18 / 2023-08-26
created : 2023-08-27T14:21:17

trend of normalized read-noise & temperatures

