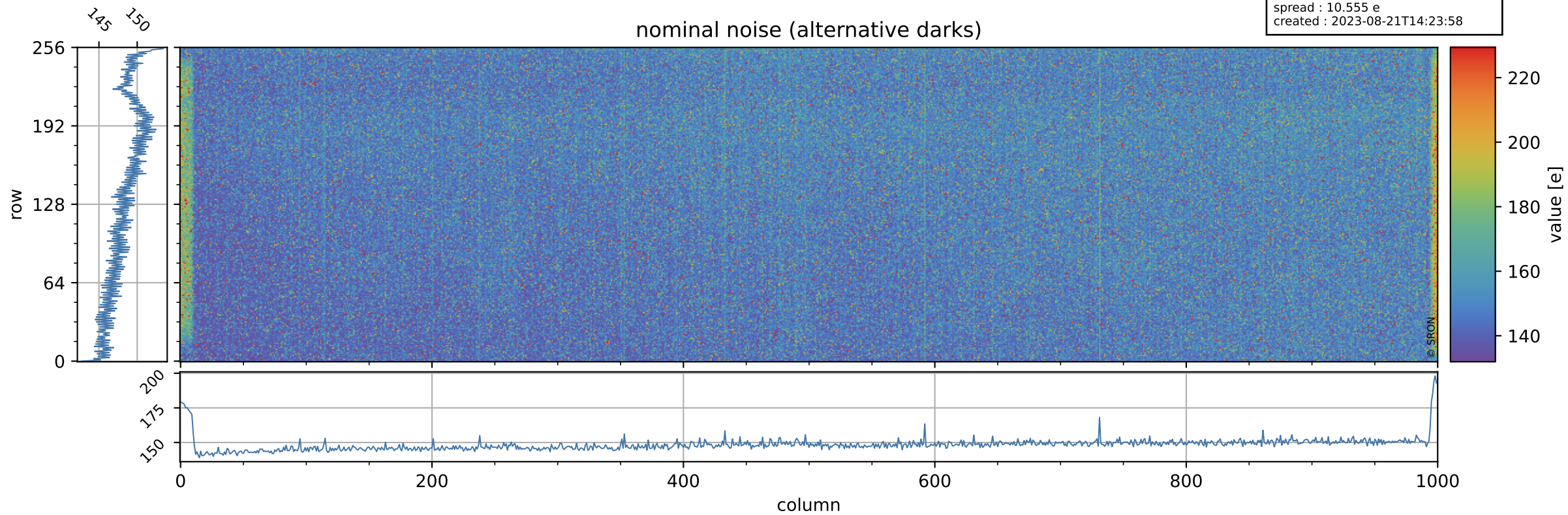


Tropomi SWIR background noise (swir)

orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
n_coad, t_exp : 1, 1.0783
median : 148.24 e
spread : 10.555 e
created : 2023-08-21T14:23:58

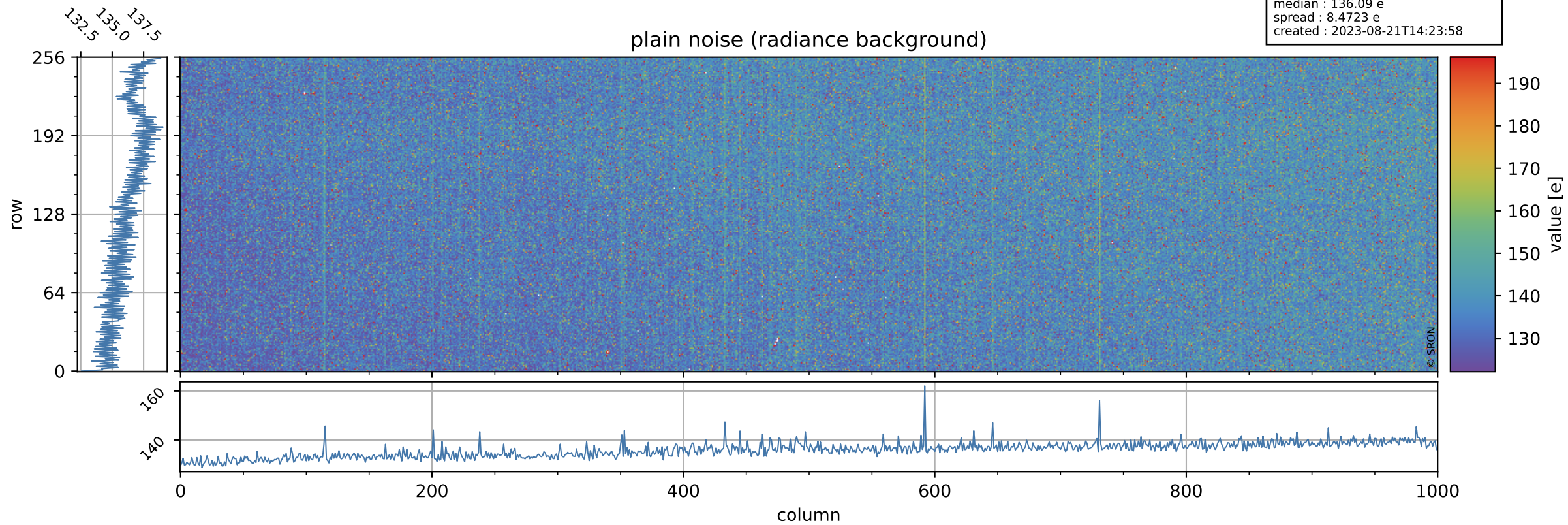
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
n_coad, t_exp : 2, 0.5383
median : 136.09 e
spread : 8.4723 e
created : 2023-08-21T14:23:58

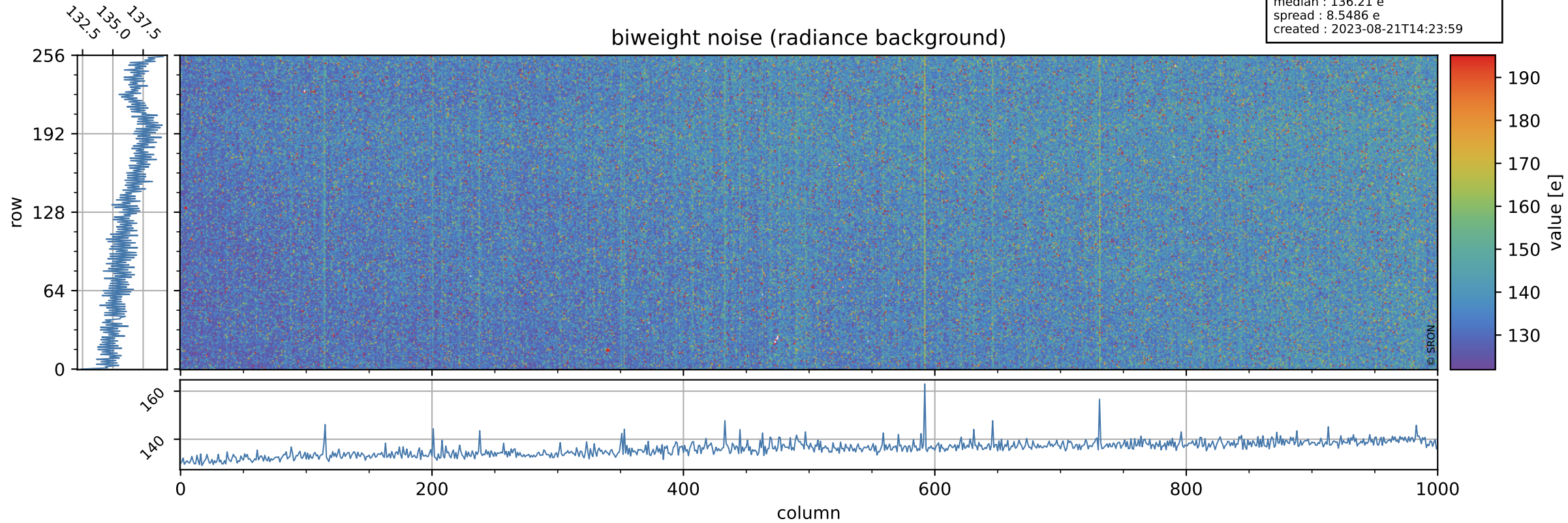
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5486 e
created : 2023-08-21T14:23:59

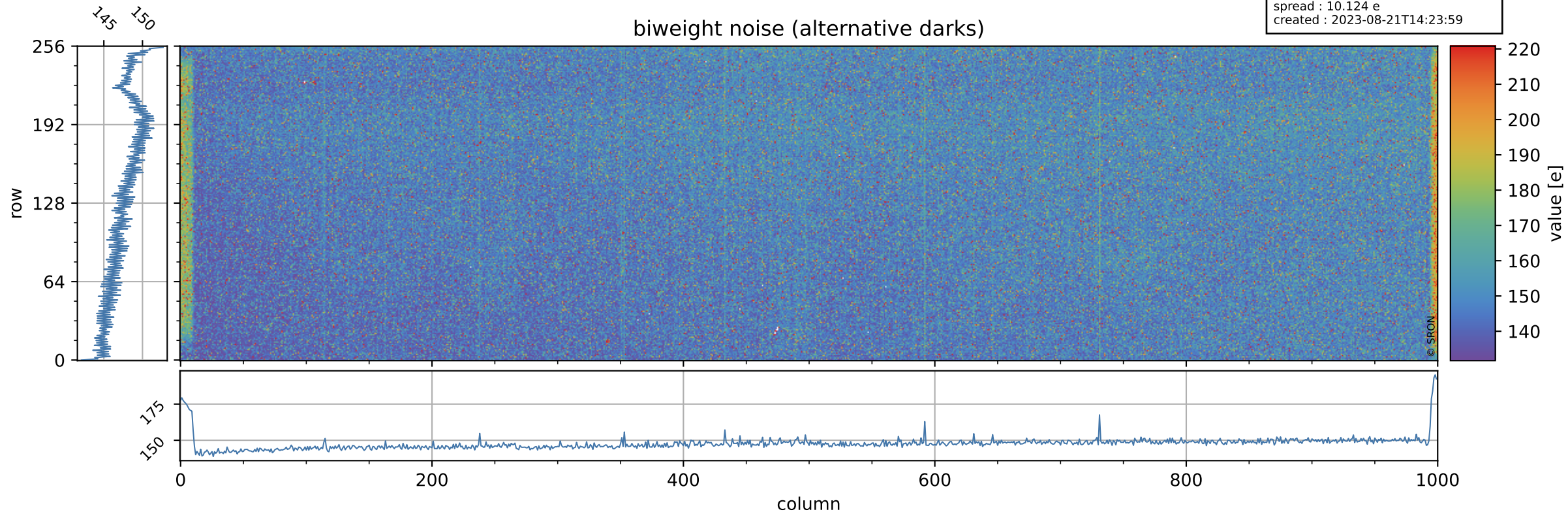
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 10.124 e
created : 2023-08-21T14:23:59

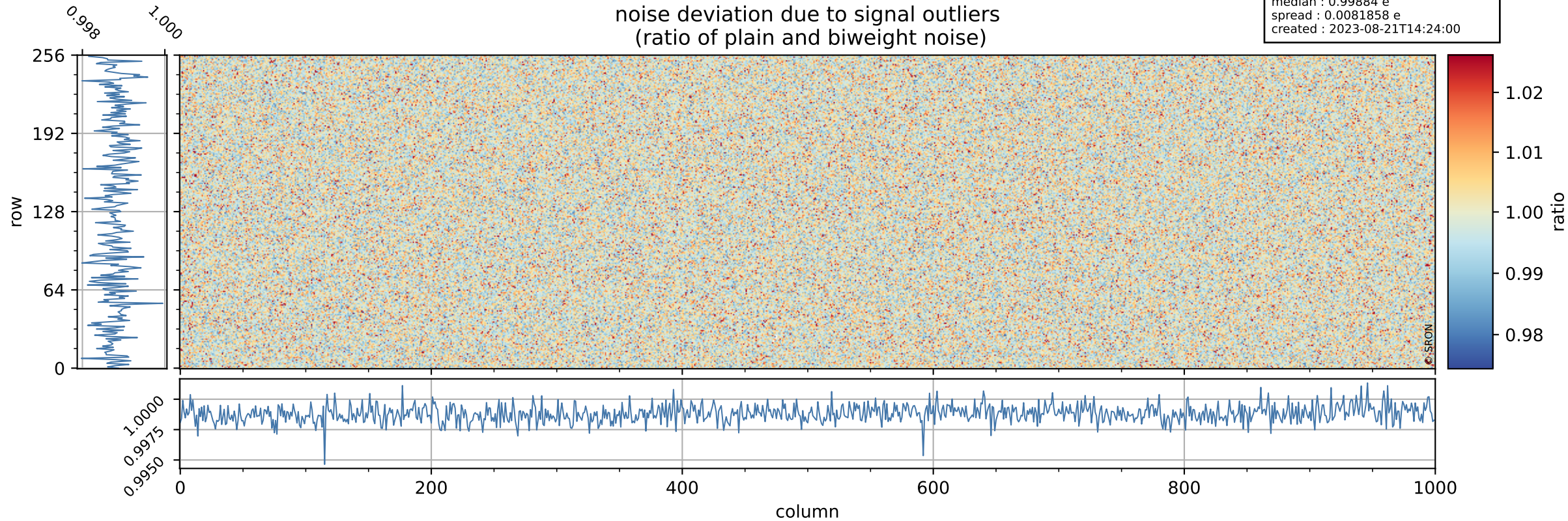
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

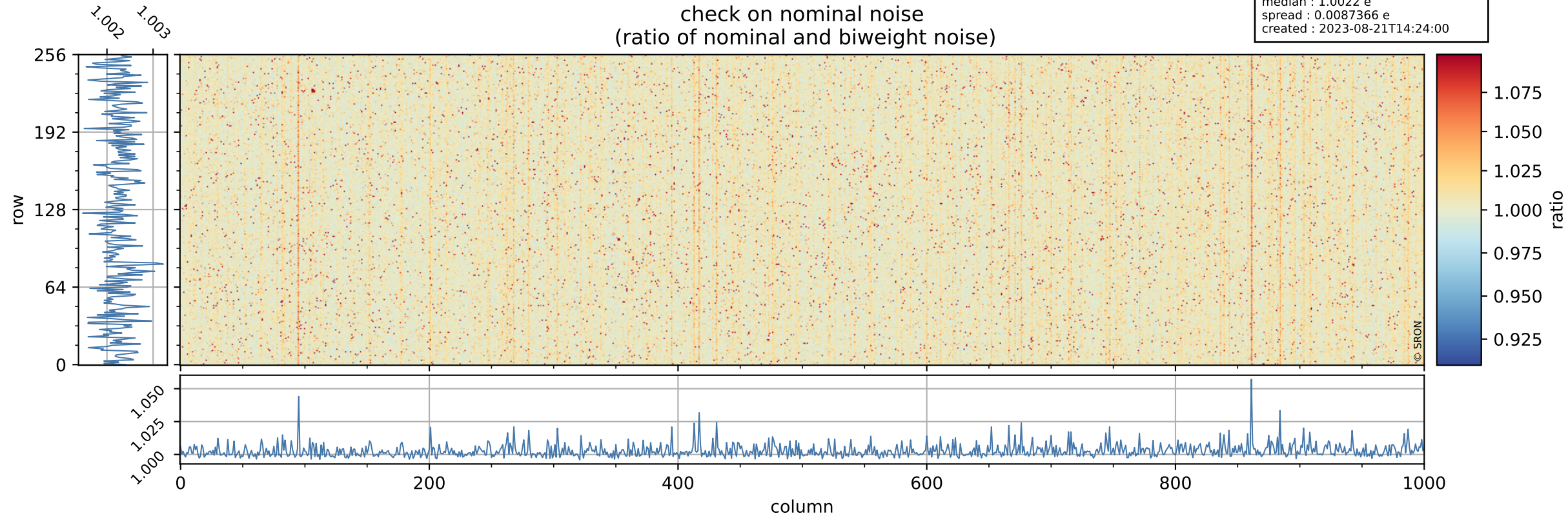
orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
median : 0.99884 e
spread : 0.0081858 e
created : 2023-08-21T14:24:00



Tropomi SWIR background noise (swir)

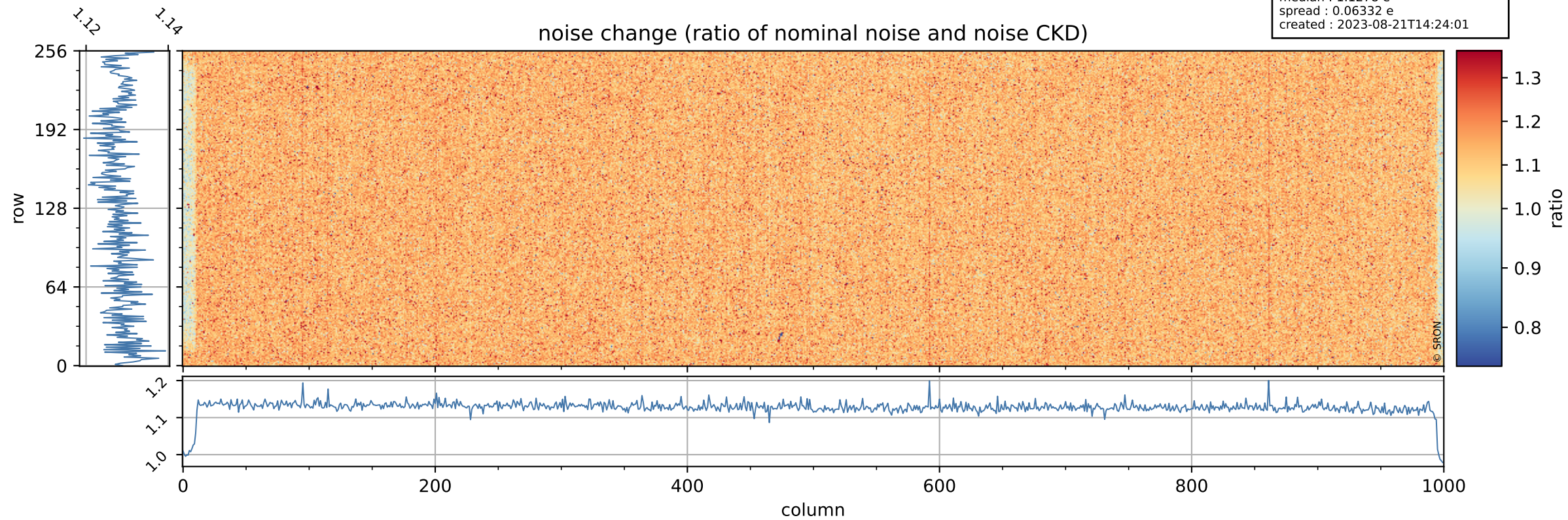
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
median : 1.0022 e
spread : 0.0087366 e
created : 2023-08-21T14:24:00



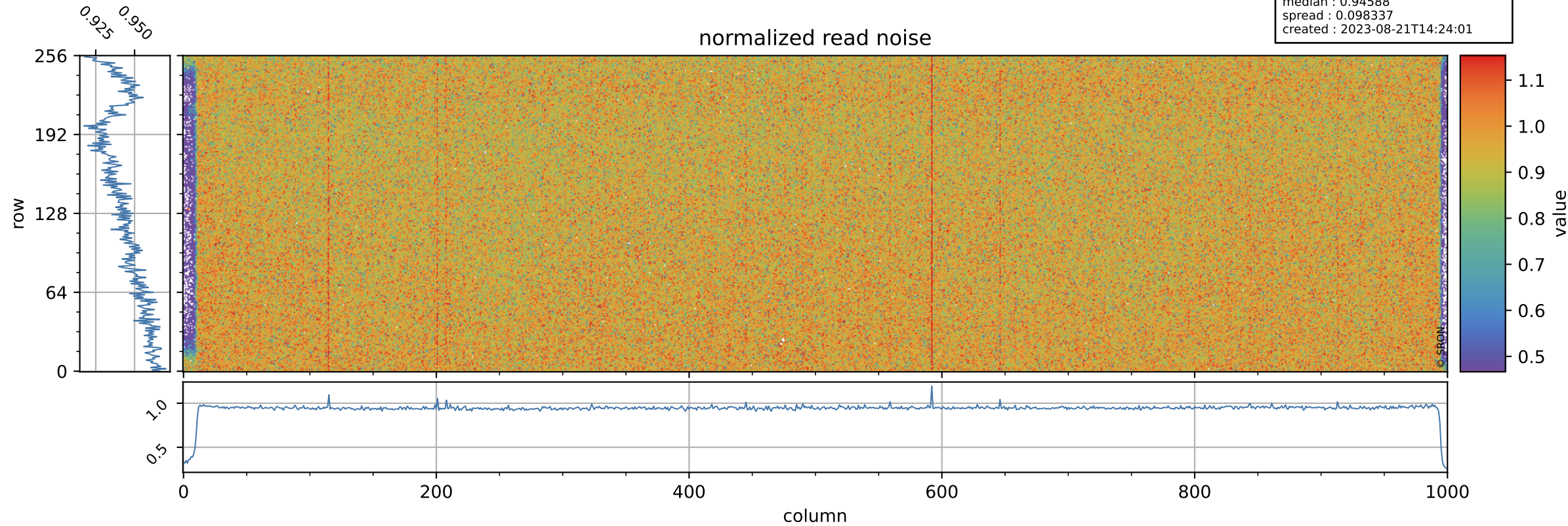
Tropomi SWIR background noise (swir)

orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
median : 1.1278 e
spread : 0.06332 e
created : 2023-08-21T14:24:01



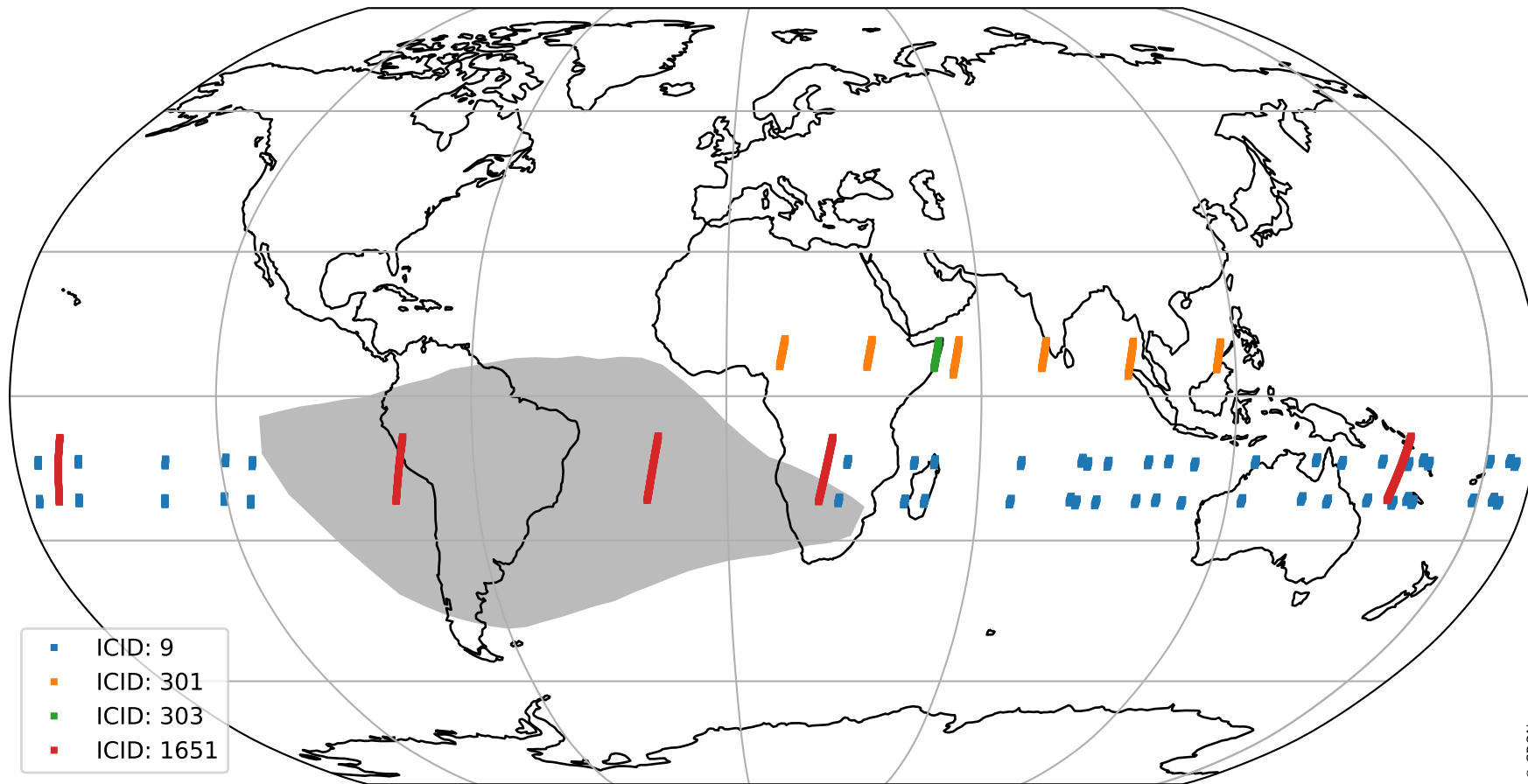
Tropomi SWIR background noise (swir)

orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
median : 0.94588
spread : 0.098337
created : 2023-08-21T14:24:01



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

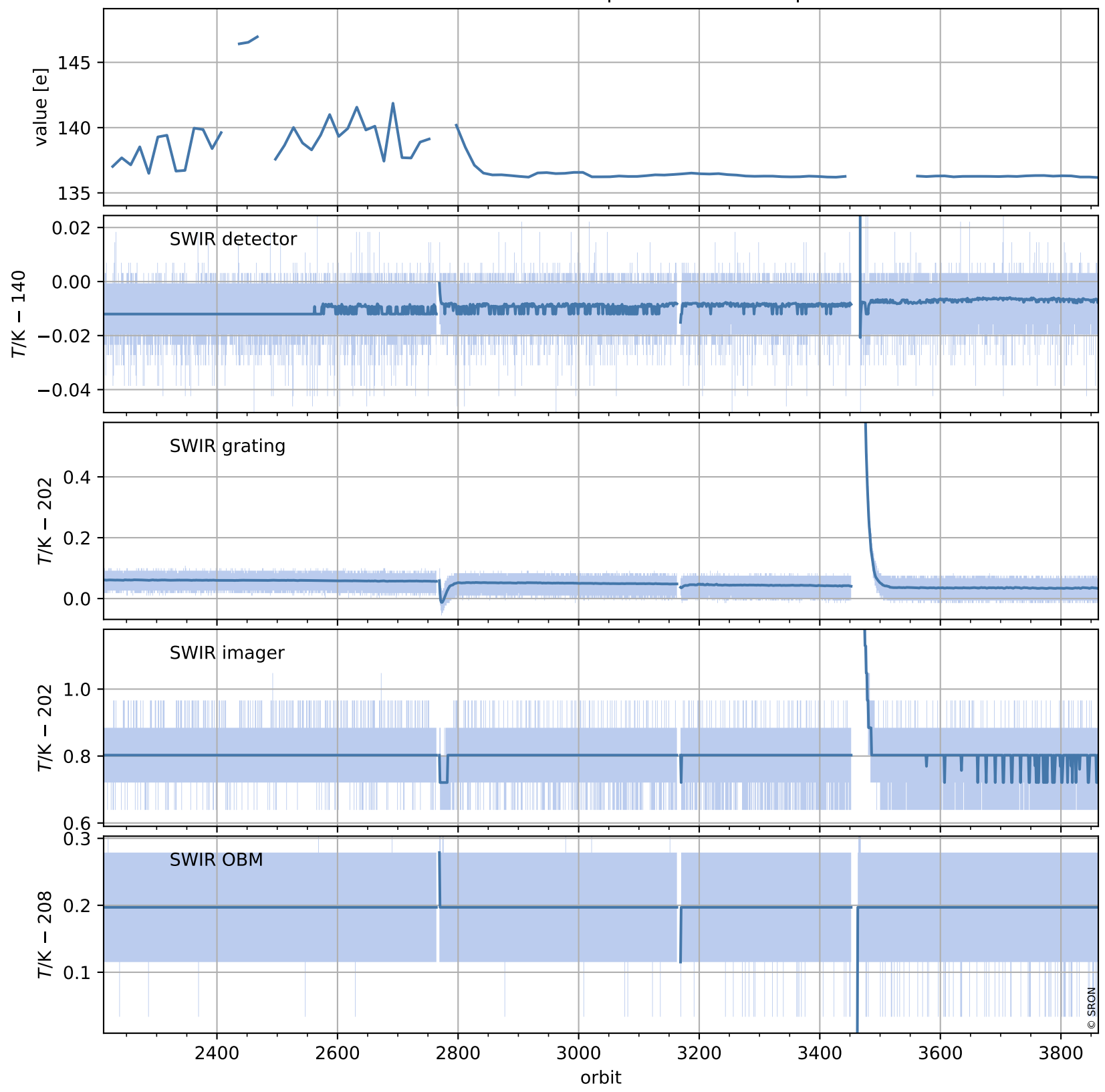
orbits : 12 in [3772, 3862]
coverage : 2018-07-06 / 2018-07-12
created : 2023-08-21T14:24:01



Tropomi SWIR background noise (swir)

orbits : [2212, 3862]
coverage : 2018-03-18 / 2018-07-12
created : 2023-08-21T14:24:02

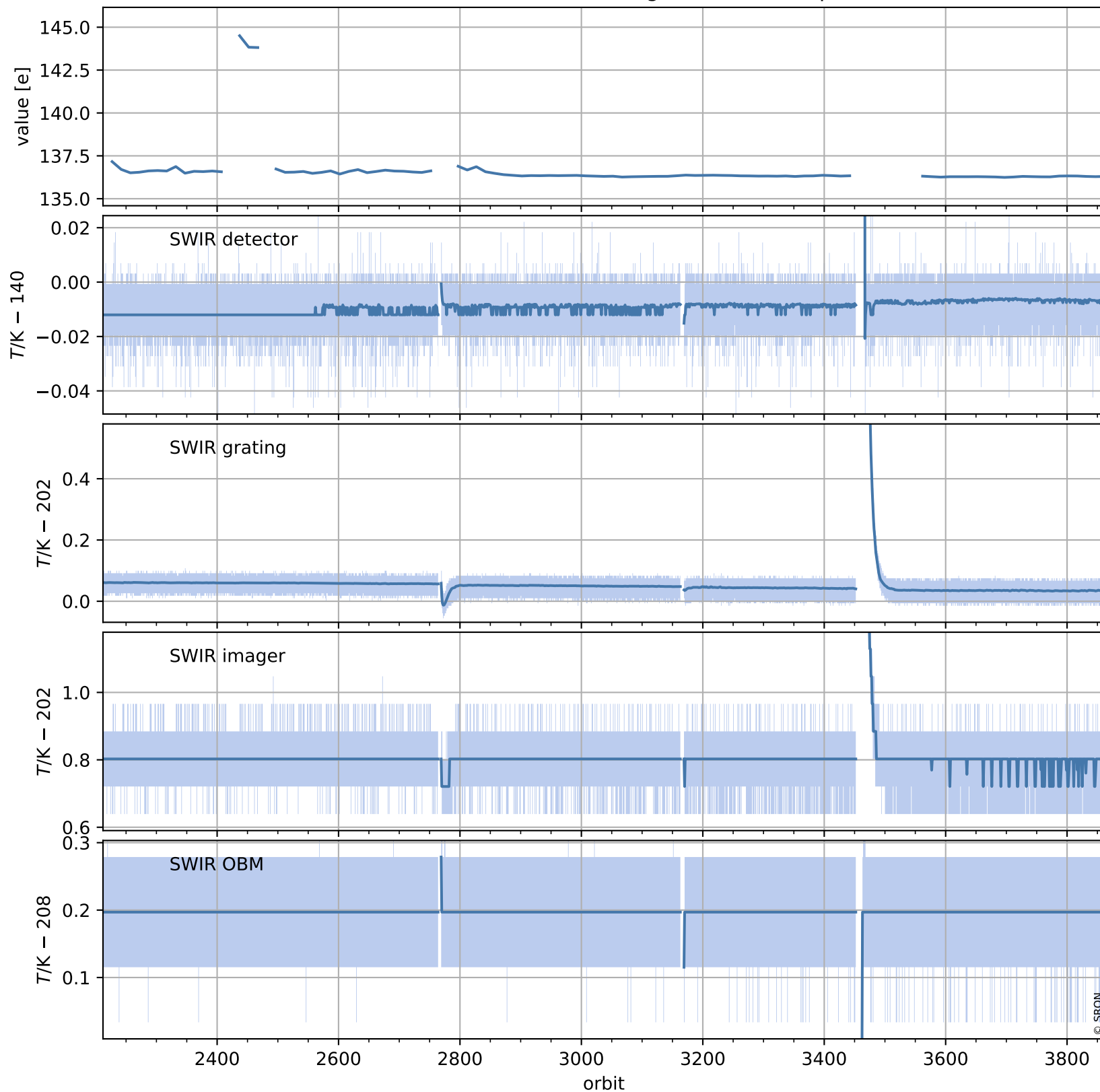
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3862]
coverage : 2018-03-18 / 2018-07-12
created : 2023-08-21T14:24:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3862]
coverage : 2018-03-18 / 2018-07-12
created : 2023-08-21T14:24:03

trend of normalized read-noise & temperatures

