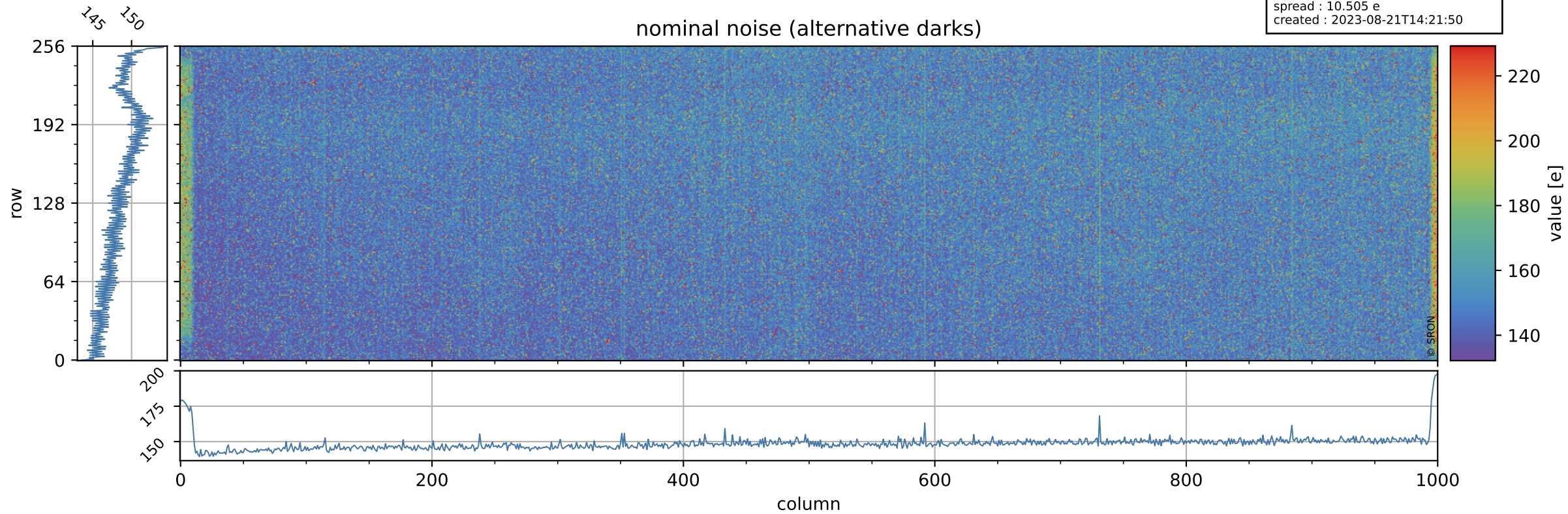


Tropomi SWIR background noise (swir)

orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.505 e
created : 2023-08-21T14:21:50

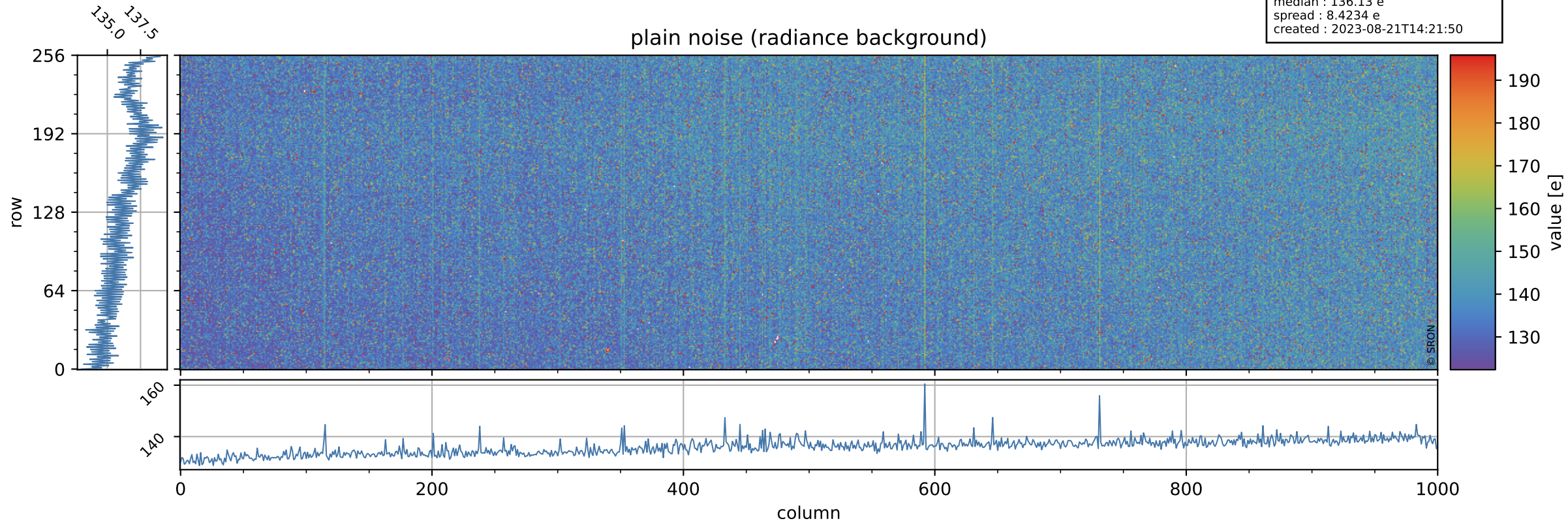
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.4234 e
created : 2023-08-21T14:21:50

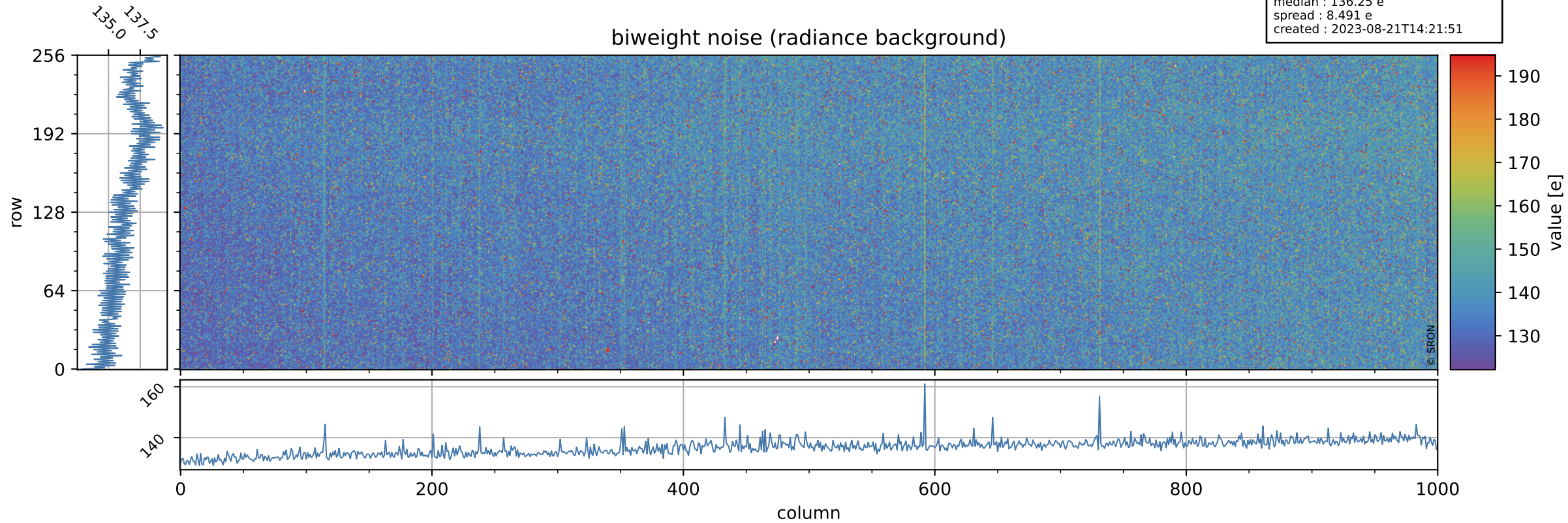
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.491 e
created : 2023-08-21T14:21:51

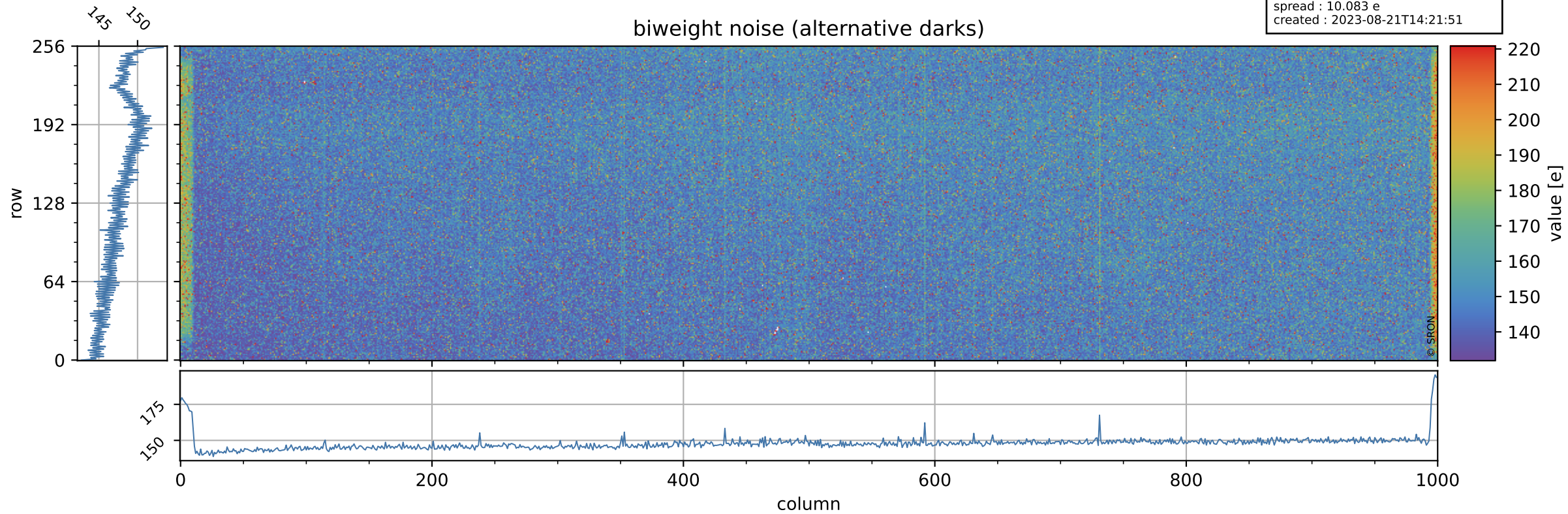
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.083 e
created : 2023-08-21T14:21:51

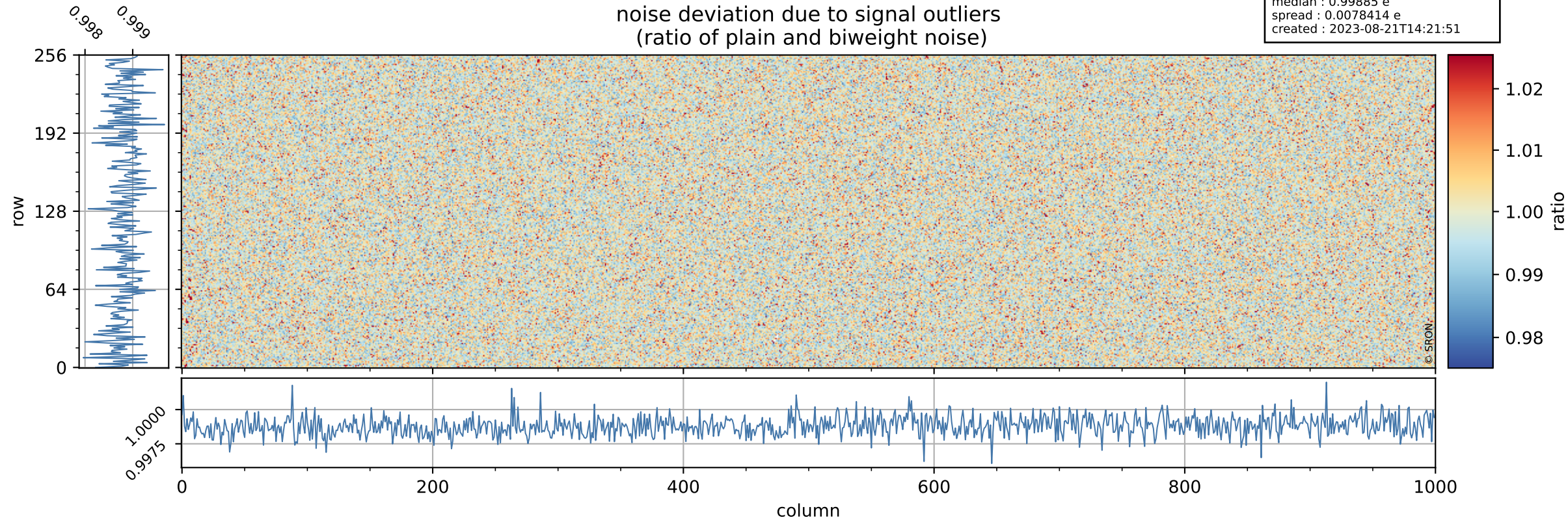
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

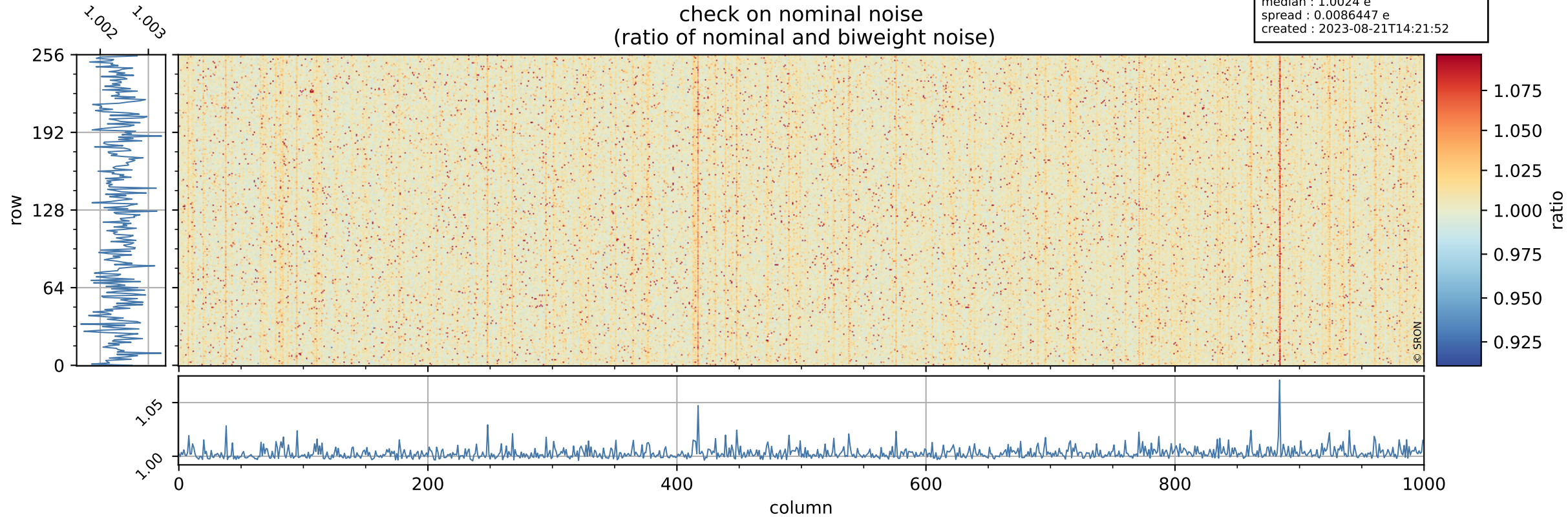
orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
median : 0.99885 e
spread : 0.0078414 e
created : 2023-08-21T14:21:51



Tropomi SWIR background noise (swir)

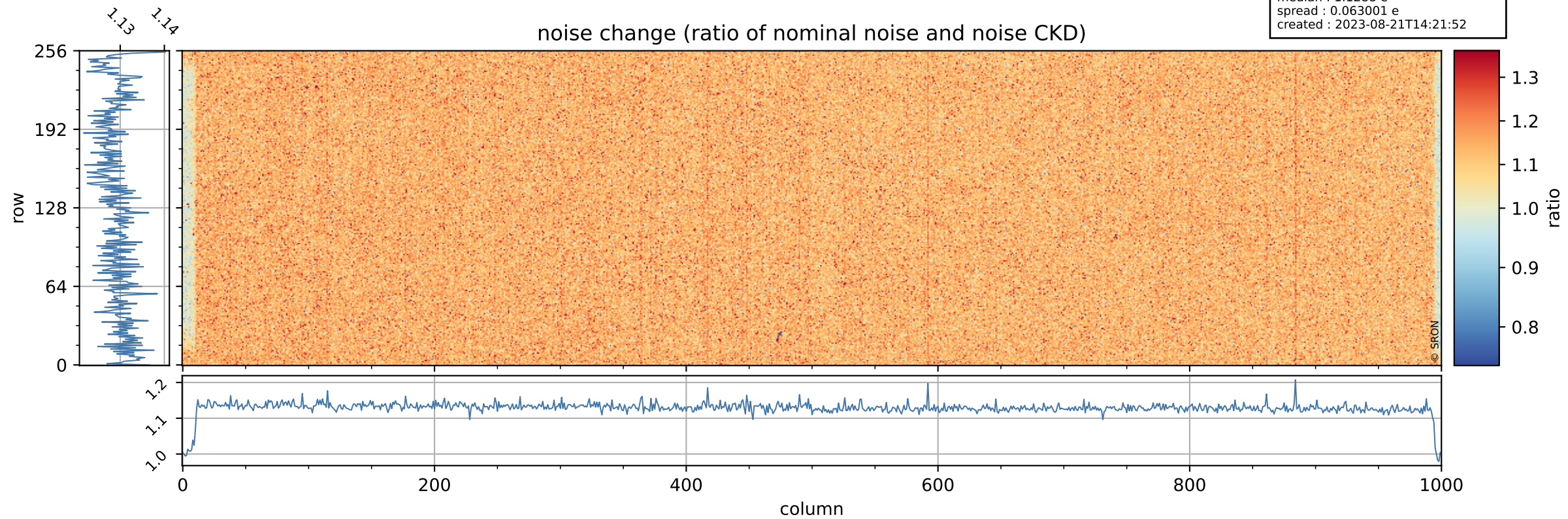
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
median : 1.0024 e
spread : 0.0086447 e
created : 2023-08-21T14:21:52



Tropomi SWIR background noise (swir)

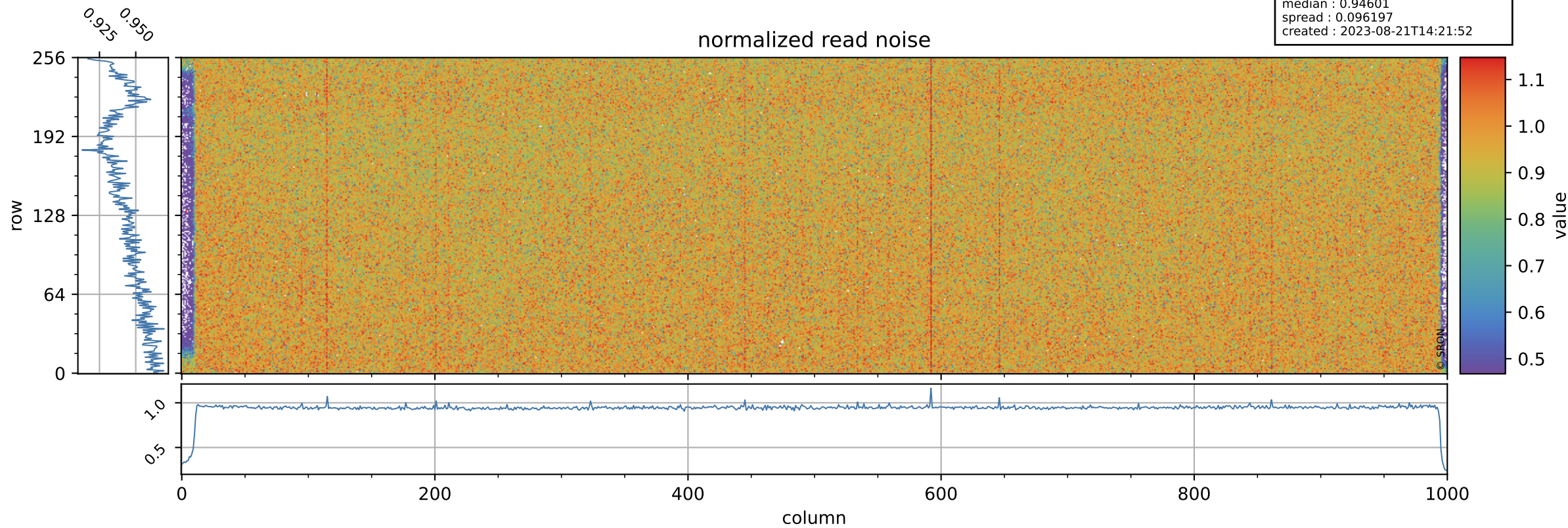
orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
median : 1.1288 e
spread : 0.063001 e
created : 2023-08-21T14:21:52



Tropomi SWIR background noise (swir)

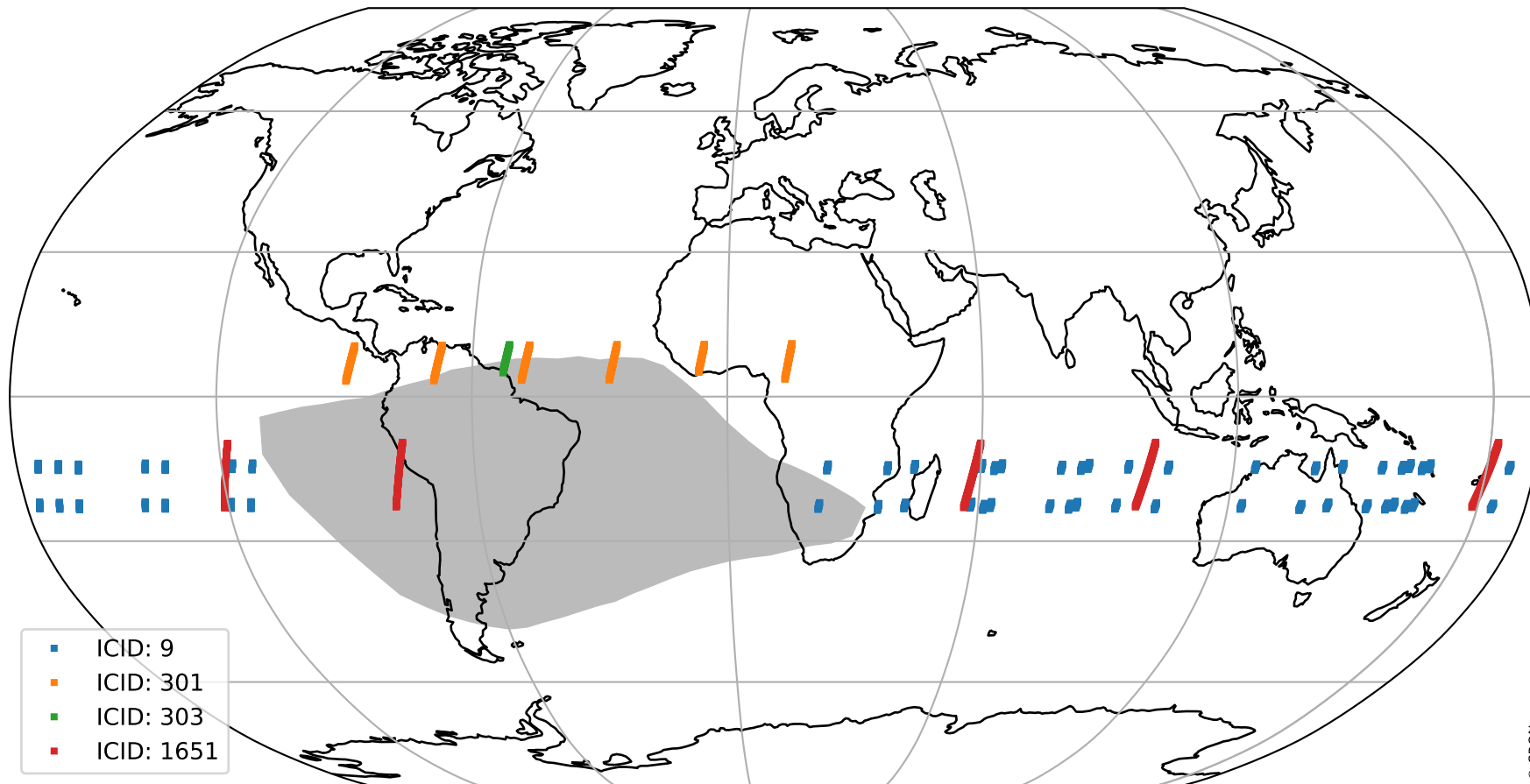
orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
median : 0.94601
spread : 0.096197
created : 2023-08-21T14:21:52

normalized read noise



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

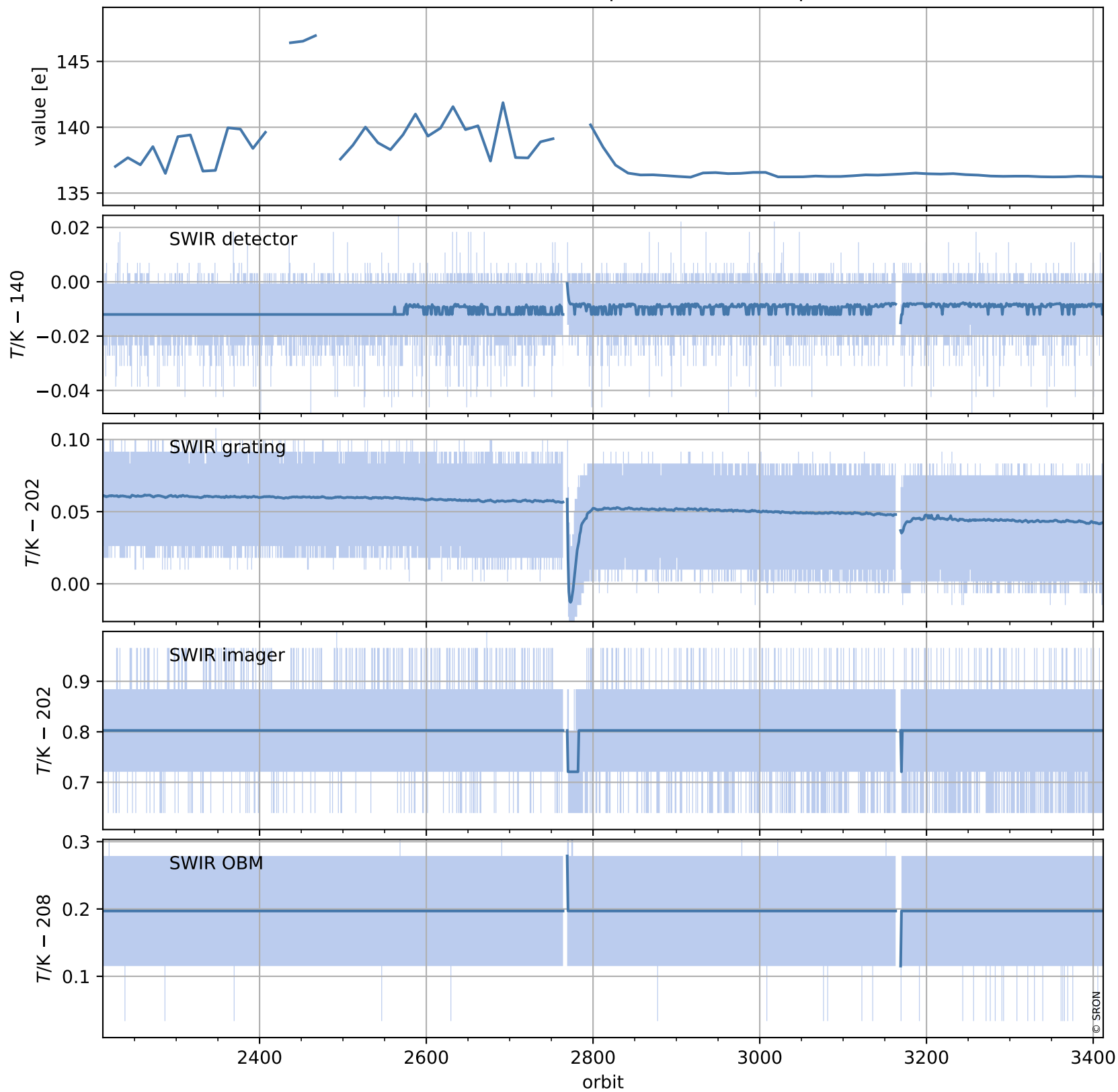
orbits : 12 in [3322, 3412]
coverage : 2018-06-04 / 2018-06-10
created : 2023-08-21T14:21:53



Tropomi SWIR background noise (swir)

orbits : [2212, 3412]
coverage : 2018-03-18 / 2018-06-10
created : 2023-08-21T14:21:53

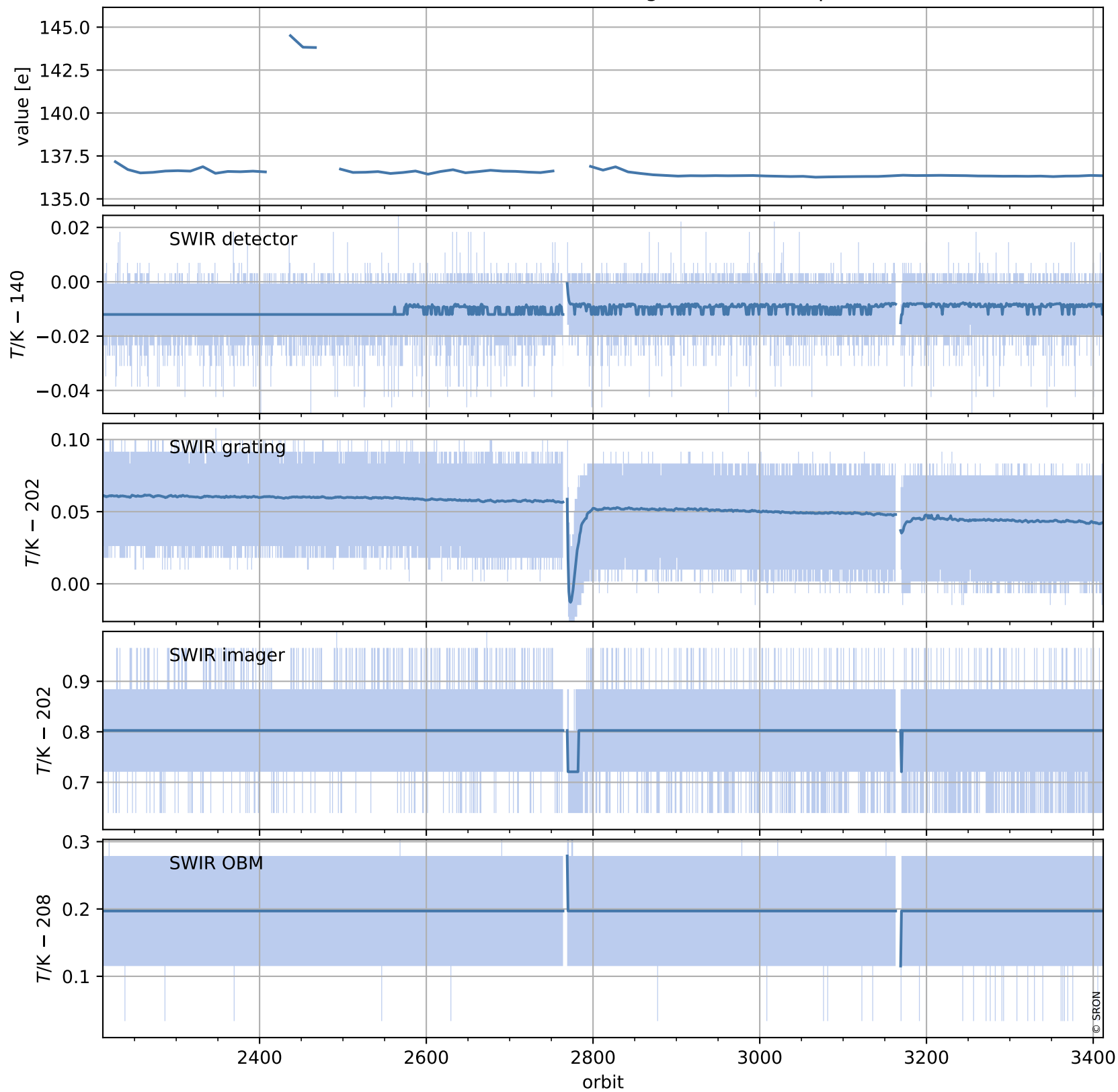
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3412]
coverage : 2018-03-18 / 2018-06-10
created : 2023-08-21T14:21:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3412]
coverage : 2018-03-18 / 2018-06-10
created : 2023-08-21T14:21:54

trend of normalized read-noise & temperatures

