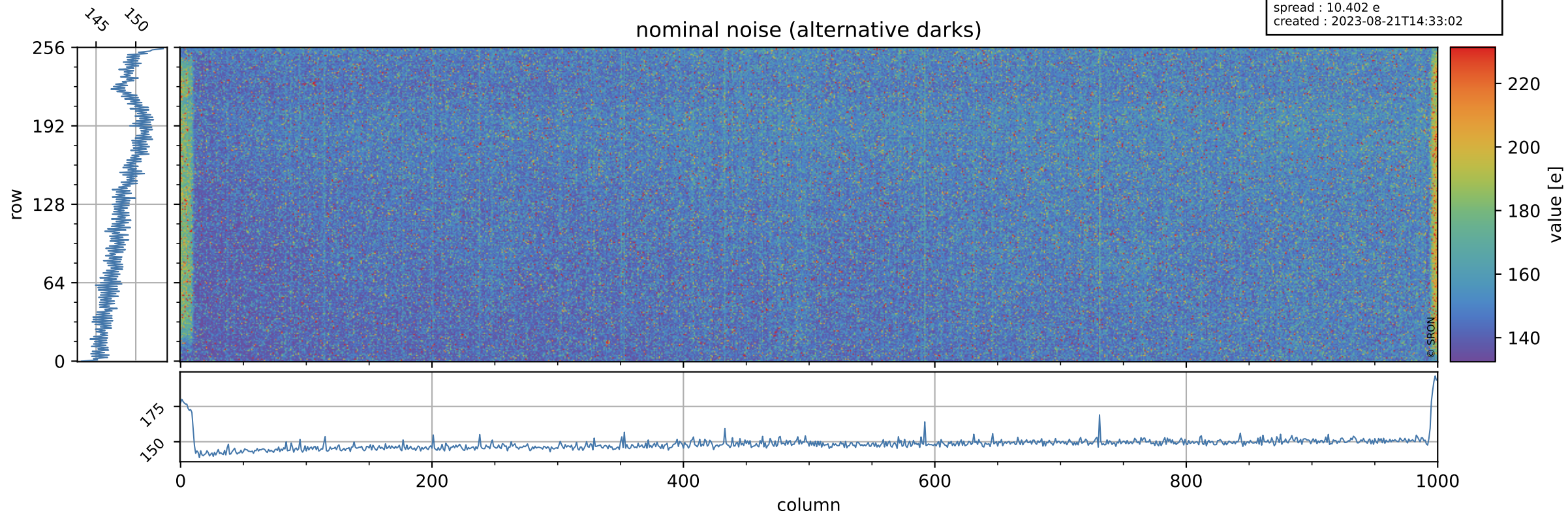


Tropomi SWIR background noise (swir)

orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.402 e
created : 2023-08-21T14:33:02

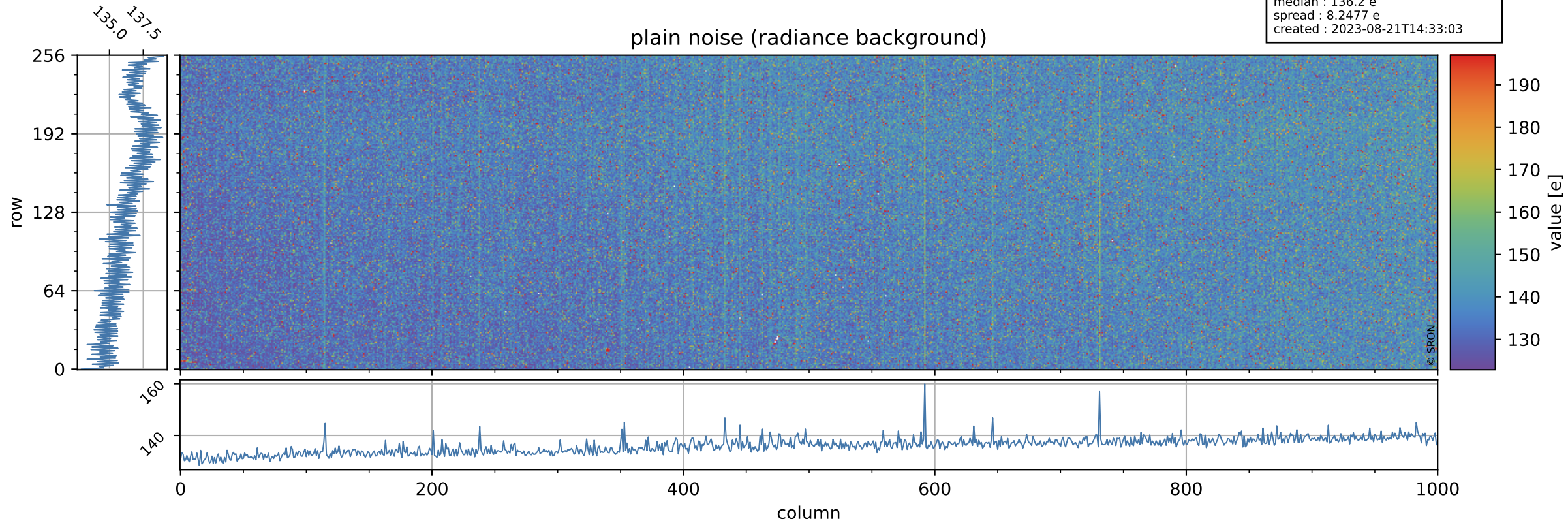
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.2477 e
created : 2023-08-21T14:33:03

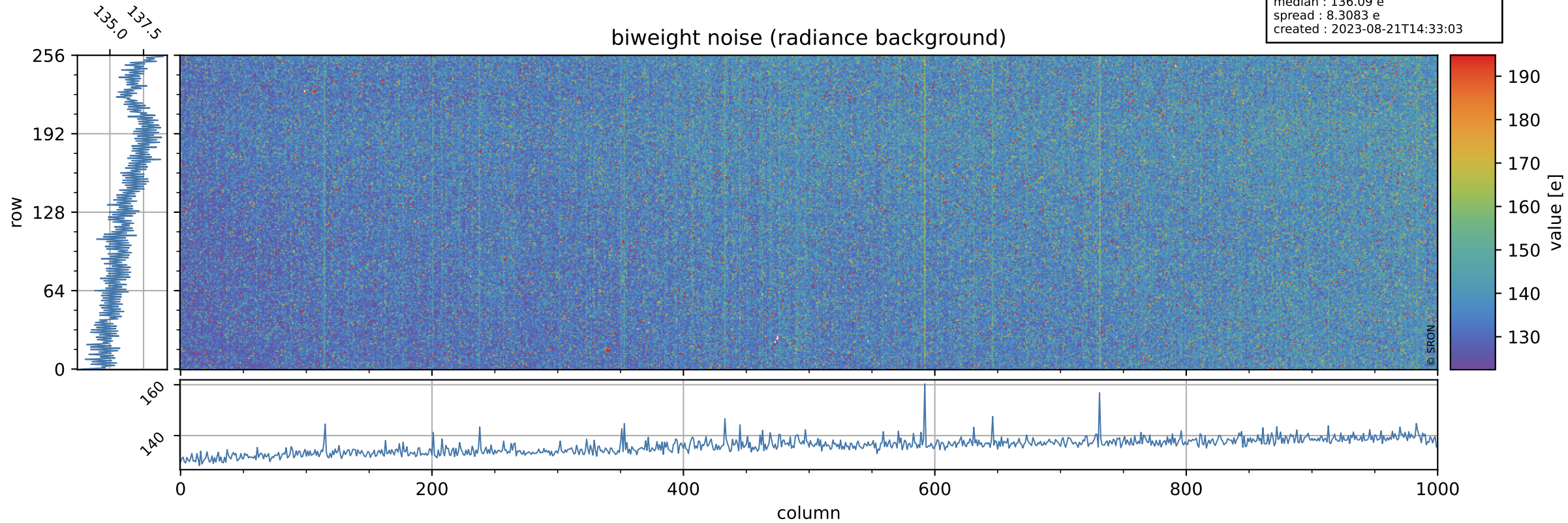
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
n_coad, t_exp : 2, 0.5383
median : 136.09 e
spread : 8.3083 e
created : 2023-08-21T14:33:03

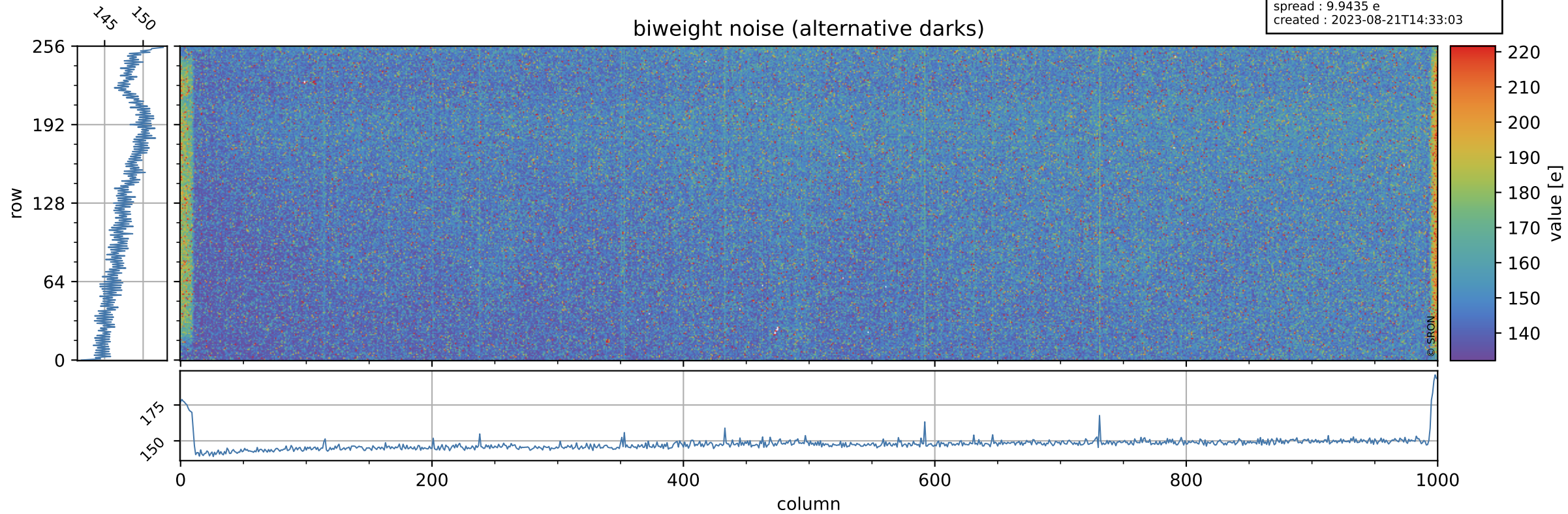
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9435 e
created : 2023-08-21T14:33:03

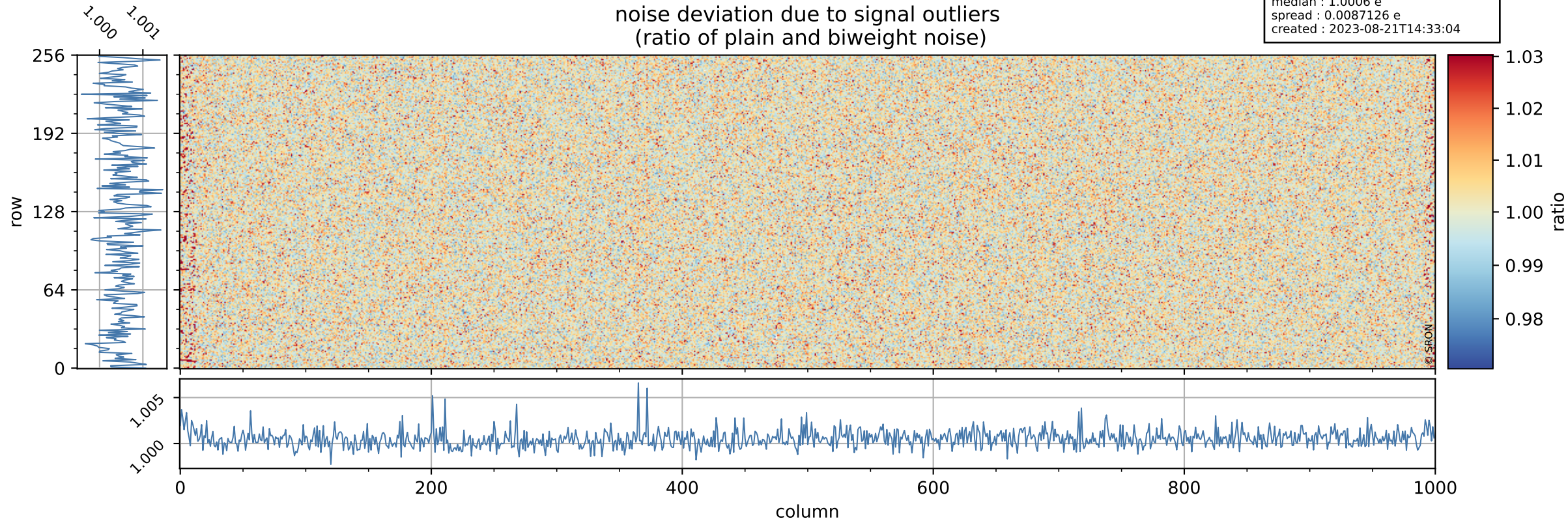
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

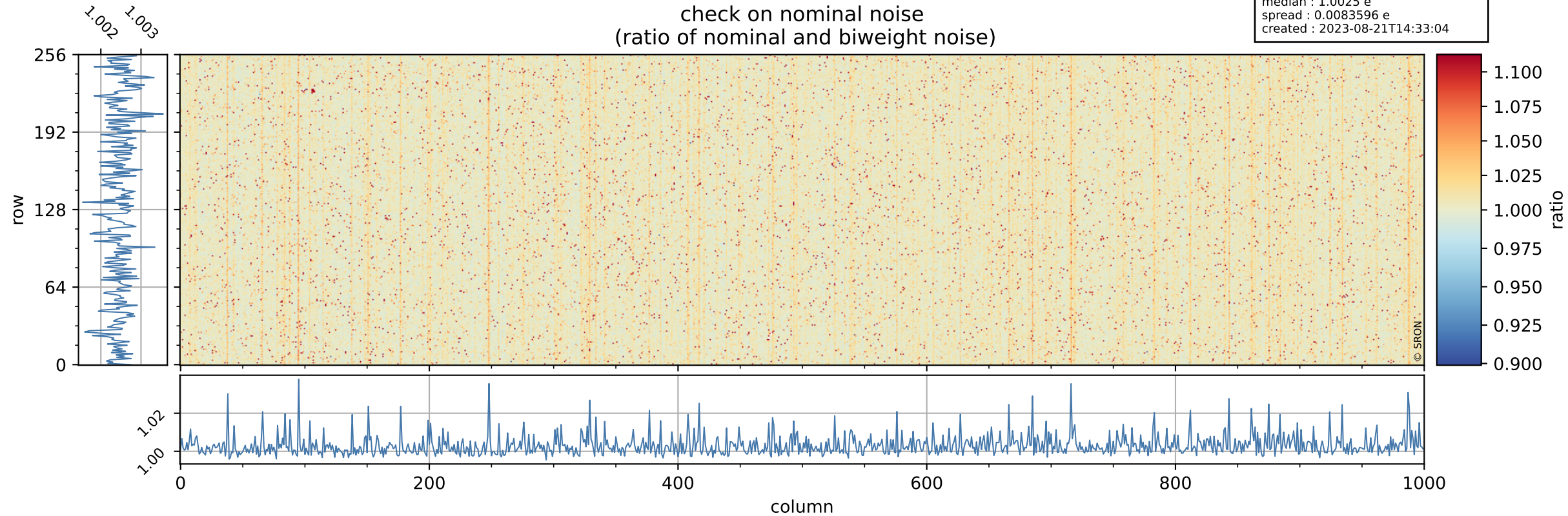
orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
median : 1.0006 e
spread : 0.0087126 e
created : 2023-08-21T14:33:04



Tropomi SWIR background noise (swir)

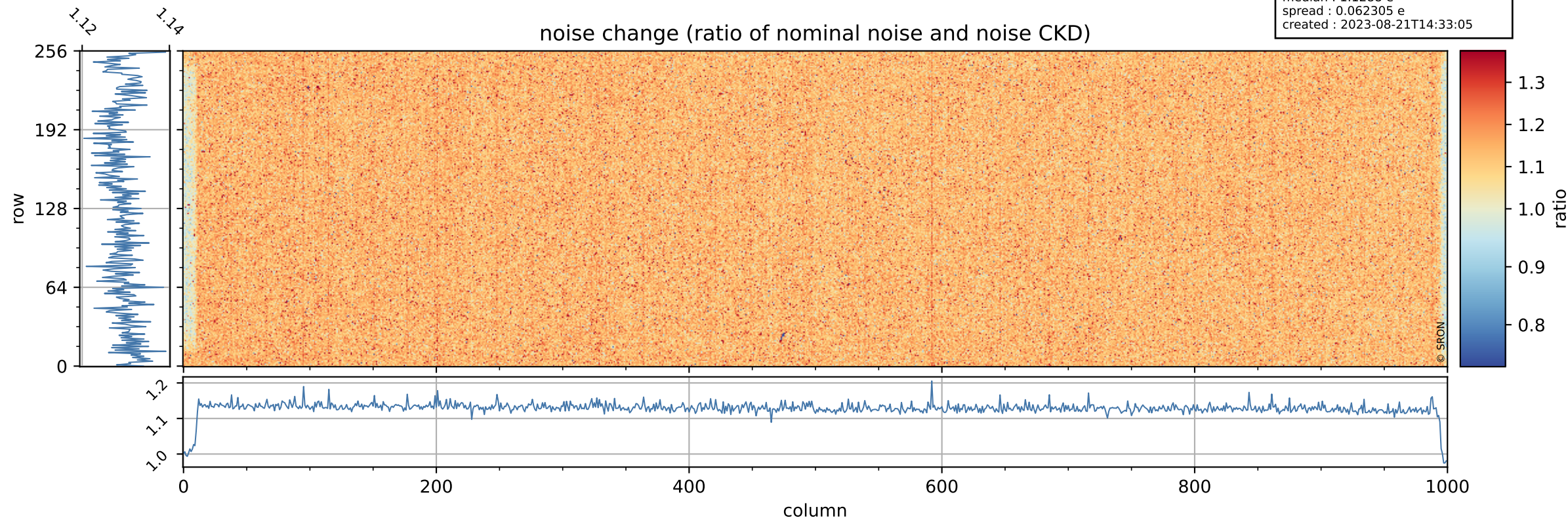
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
median : 1.0025 e
spread : 0.0083596 e
created : 2023-08-21T14:33:04



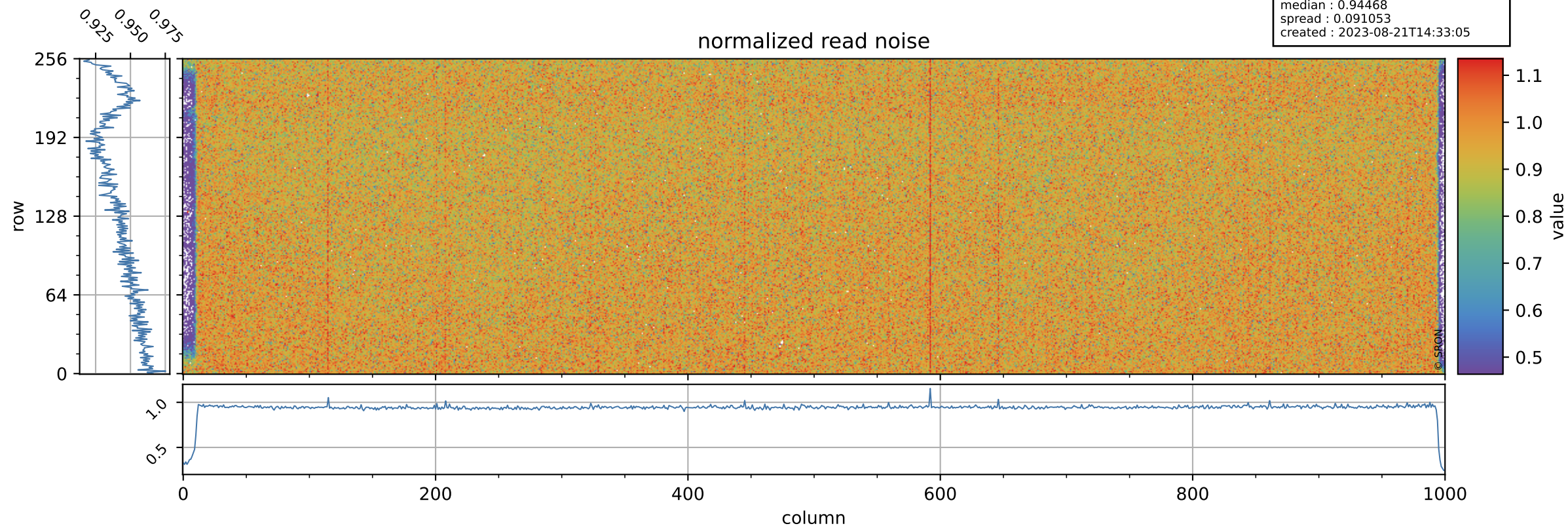
Tropomi SWIR background noise (swir)

orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
median : 1.1288 e
spread : 0.062305 e
created : 2023-08-21T14:33:05



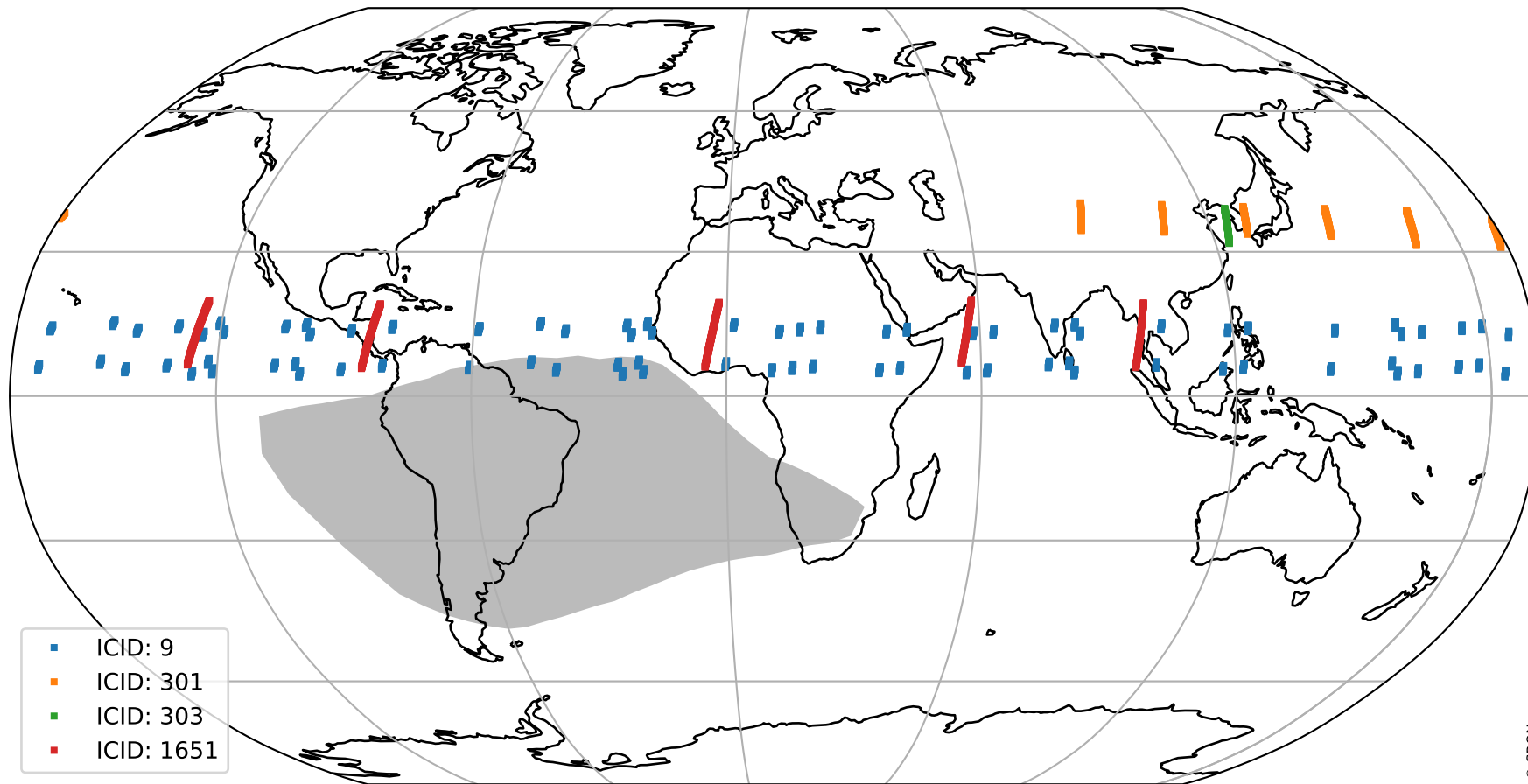
Tropomi SWIR background noise (swir)

orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
median : 0.94468
spread : 0.091053
created : 2023-08-21T14:33:05



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

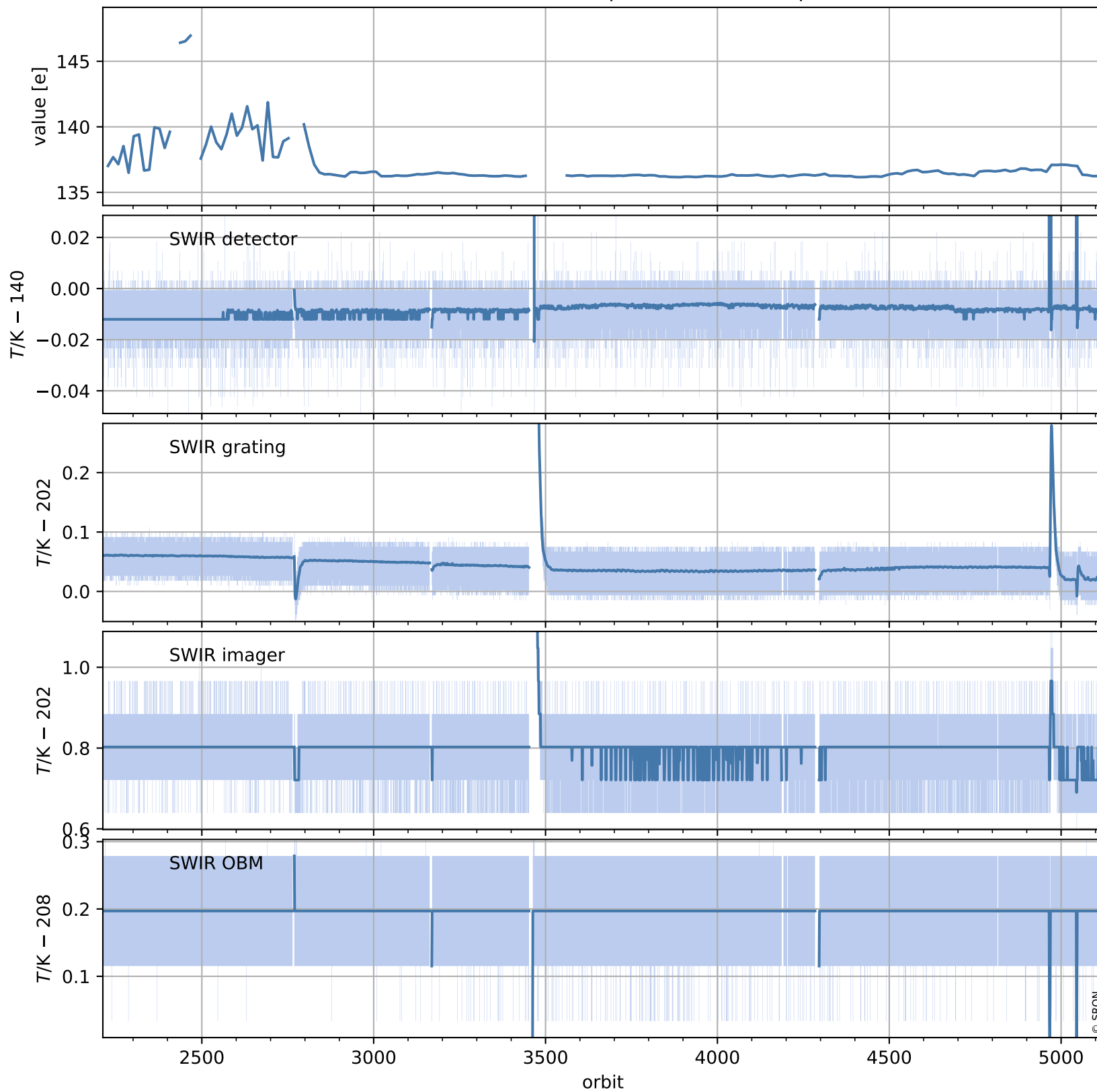
orbits : 12 in [5032, 5122]
coverage : 2018-10-03 / 2018-10-08
created : 2023-08-21T14:33:05



Tropomi SWIR background noise (swir)

orbits : [2212, 5122]
coverage : 2018-03-18 / 2018-10-08
created : 2023-08-21T14:33:06

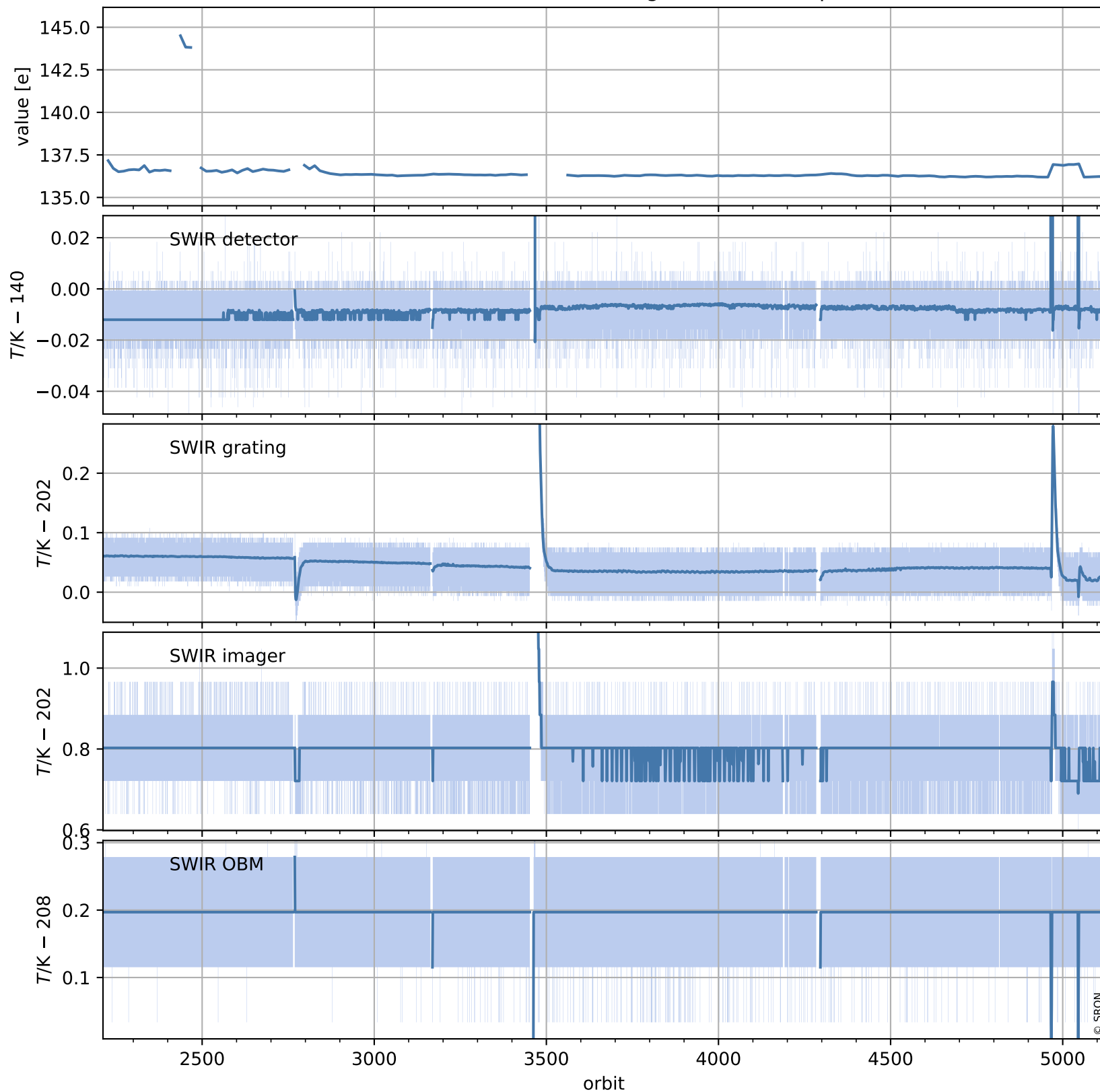
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5122]
coverage : 2018-03-18 / 2018-10-08
created : 2023-08-21T14:33:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5122]
coverage : 2018-03-18 / 2018-10-08
created : 2023-08-21T14:33:07

trend of normalized read-noise & temperatures

