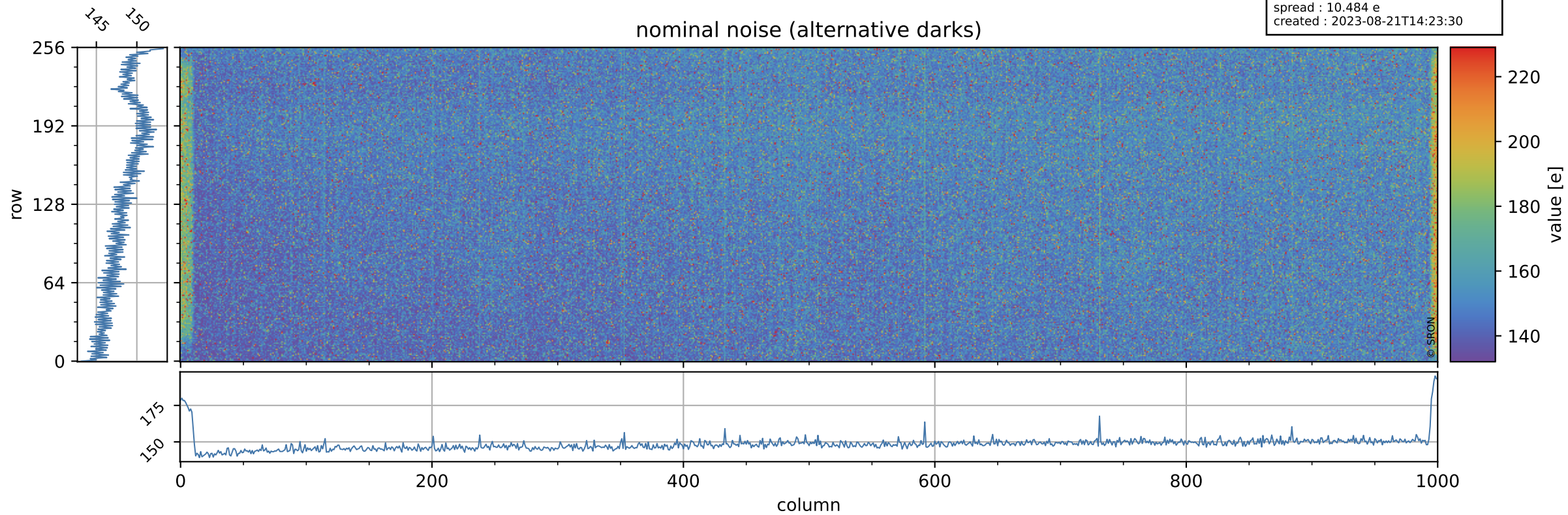


Tropomi SWIR background noise (swir)

orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
n_coad, t_exp : 1, 1.0783
median : 148.24 e
spread : 10.484 e
created : 2023-08-21T14:23:30

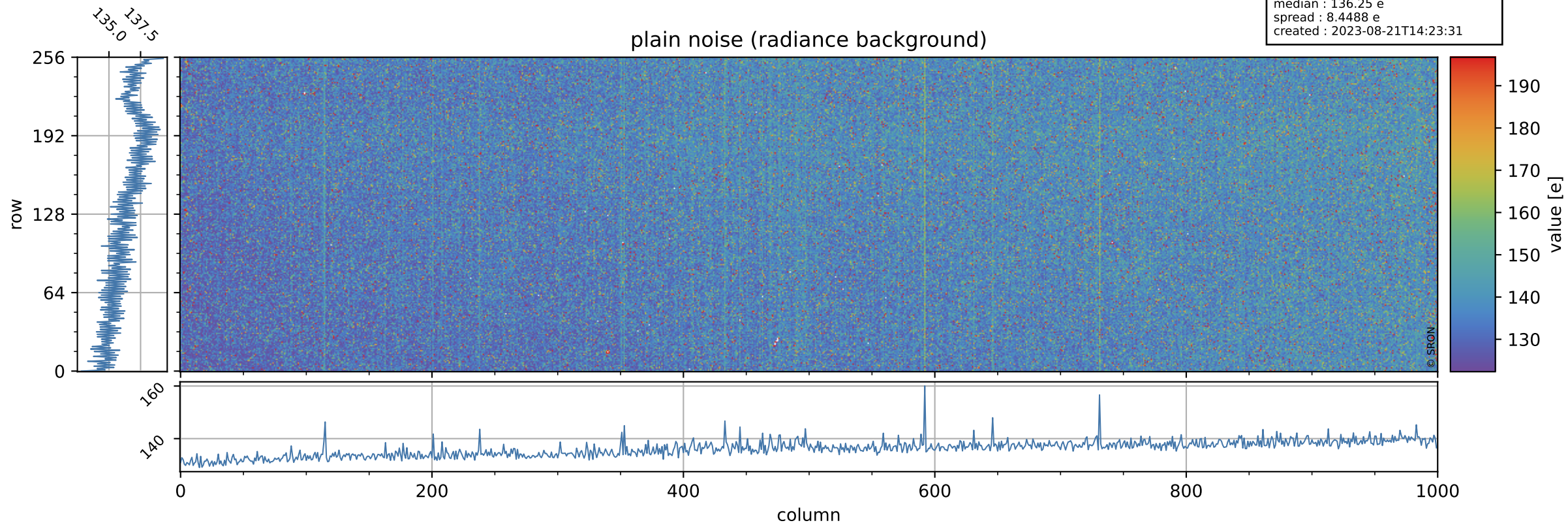
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.4488 e
created : 2023-08-21T14:23:31

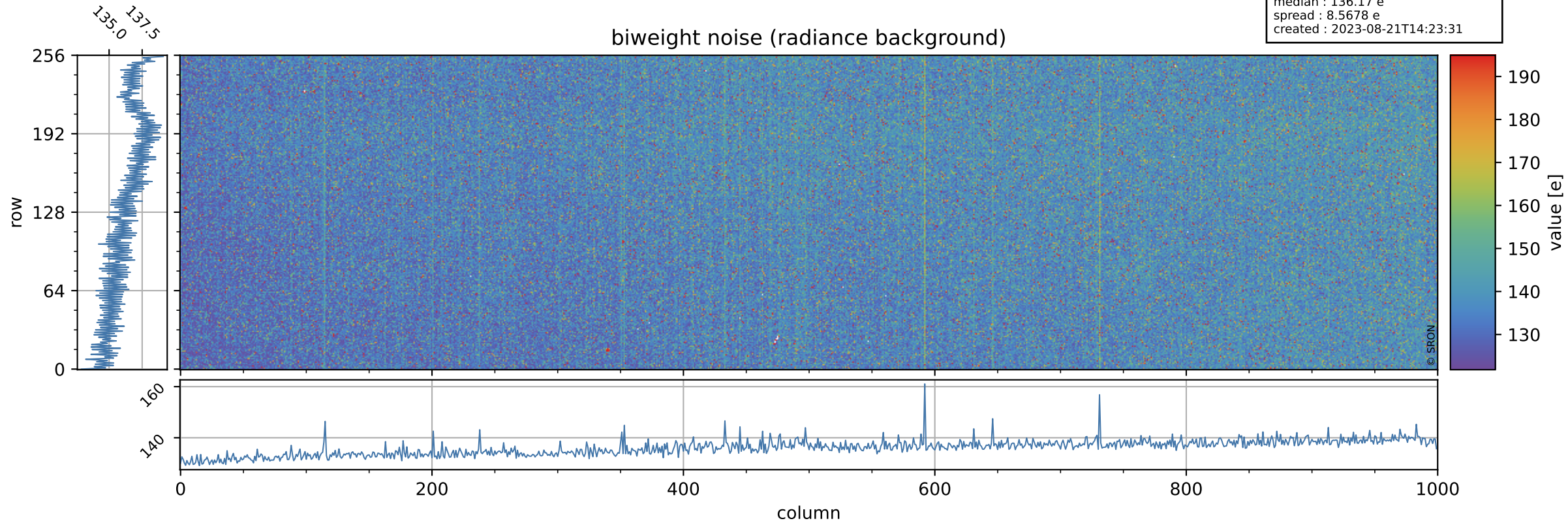
plain noise (radiance background)



Tropomi SWIR background noise (swir)

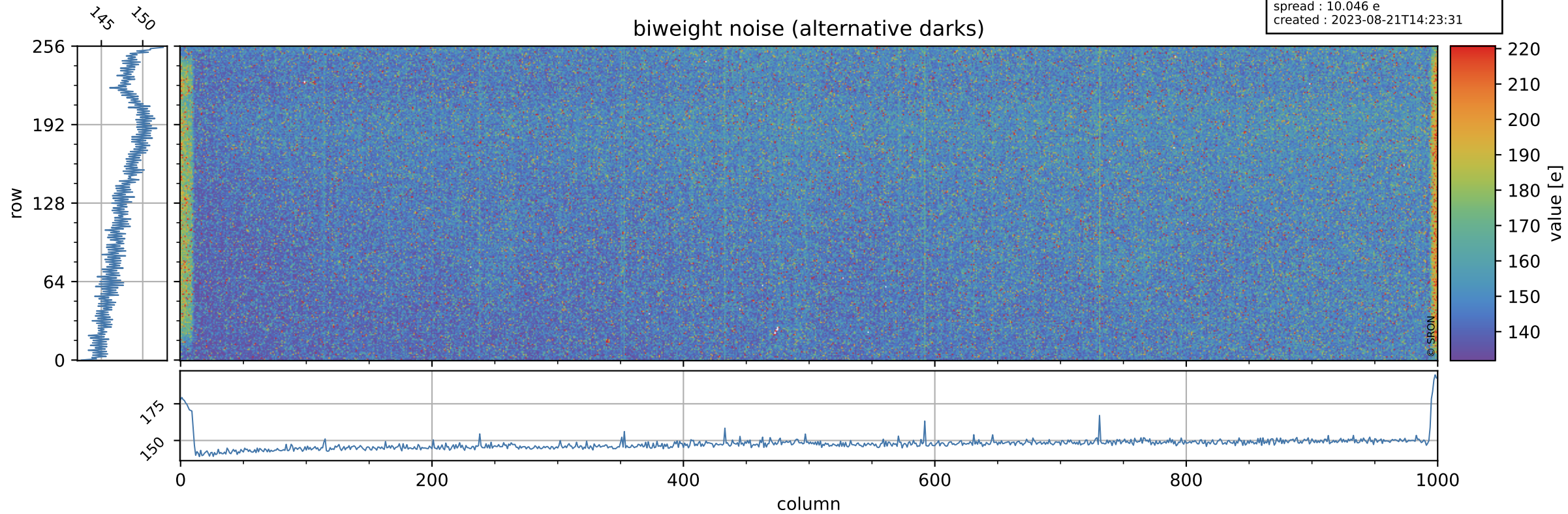
orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.5678 e
created : 2023-08-21T14:23:31

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

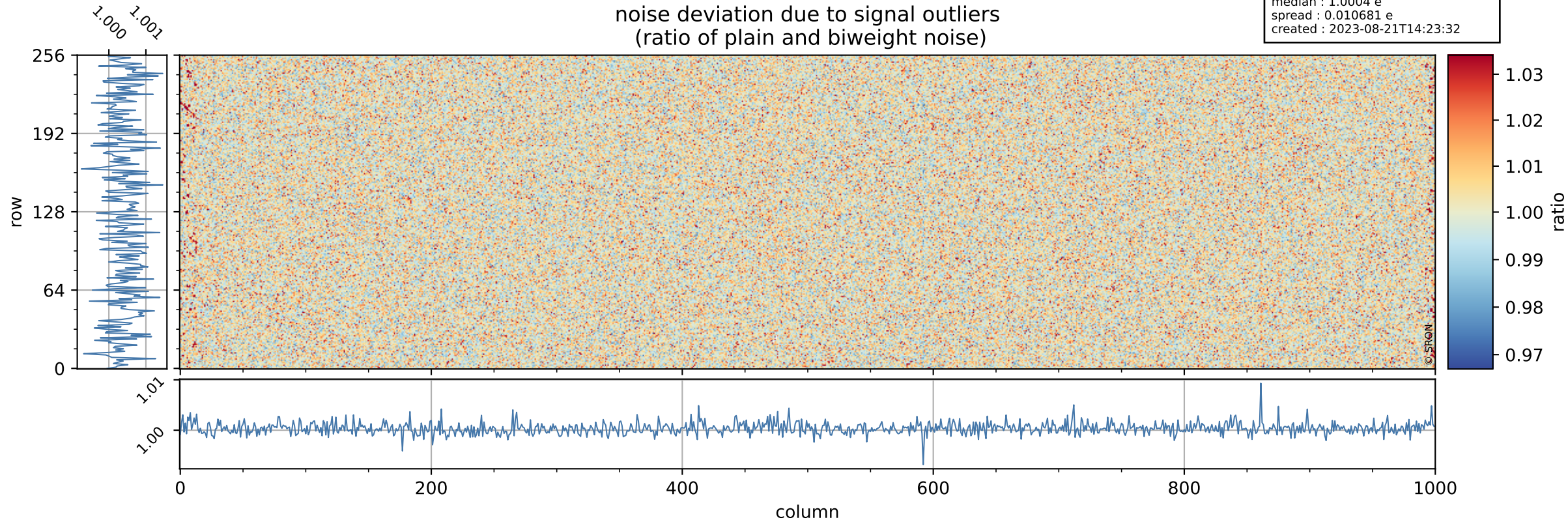
orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 10.046 e
created : 2023-08-21T14:23:31



Tropomi SWIR background noise (swir)

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

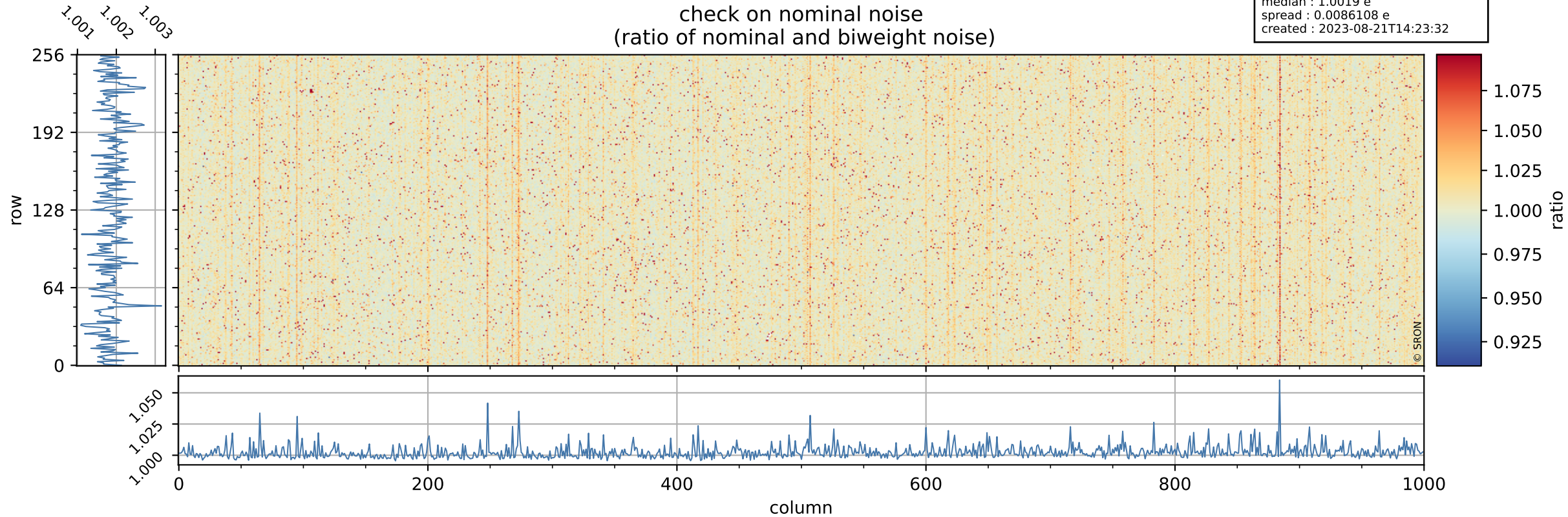
orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
median : 1.0004 e
spread : 0.010681 e
created : 2023-08-21T14:23:32



Tropomi SWIR background noise (swir)

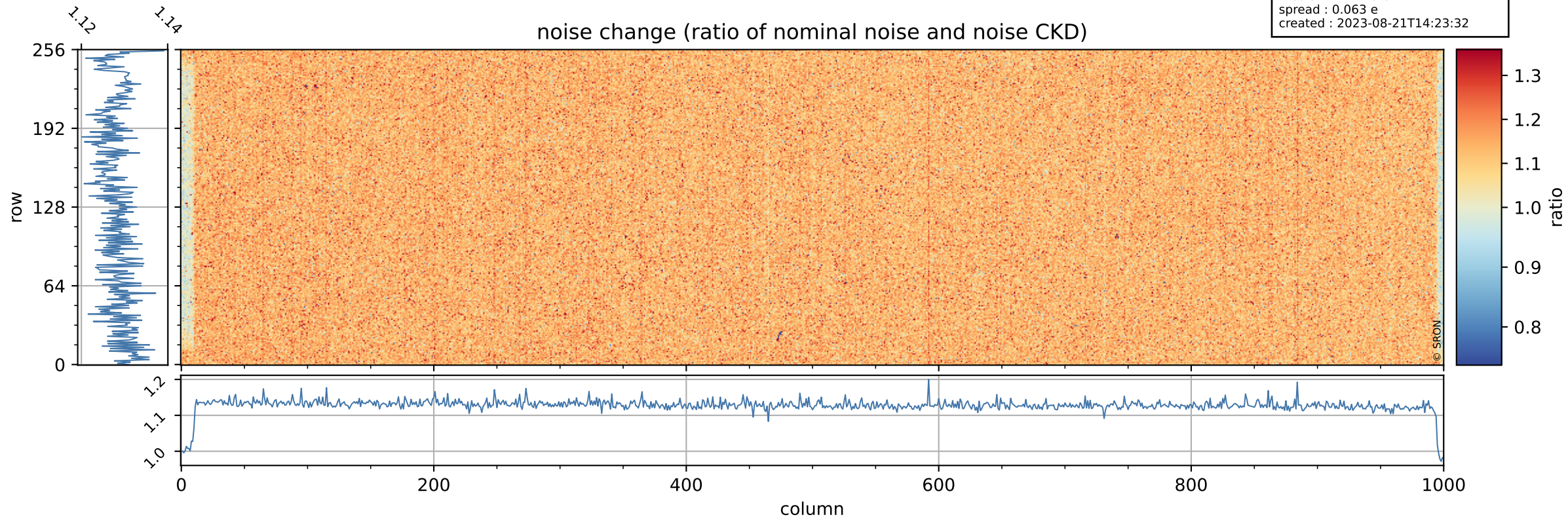
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
median : 1.0019 e
spread : 0.0086108 e
created : 2023-08-21T14:23:32



Tropomi SWIR background noise (swir)

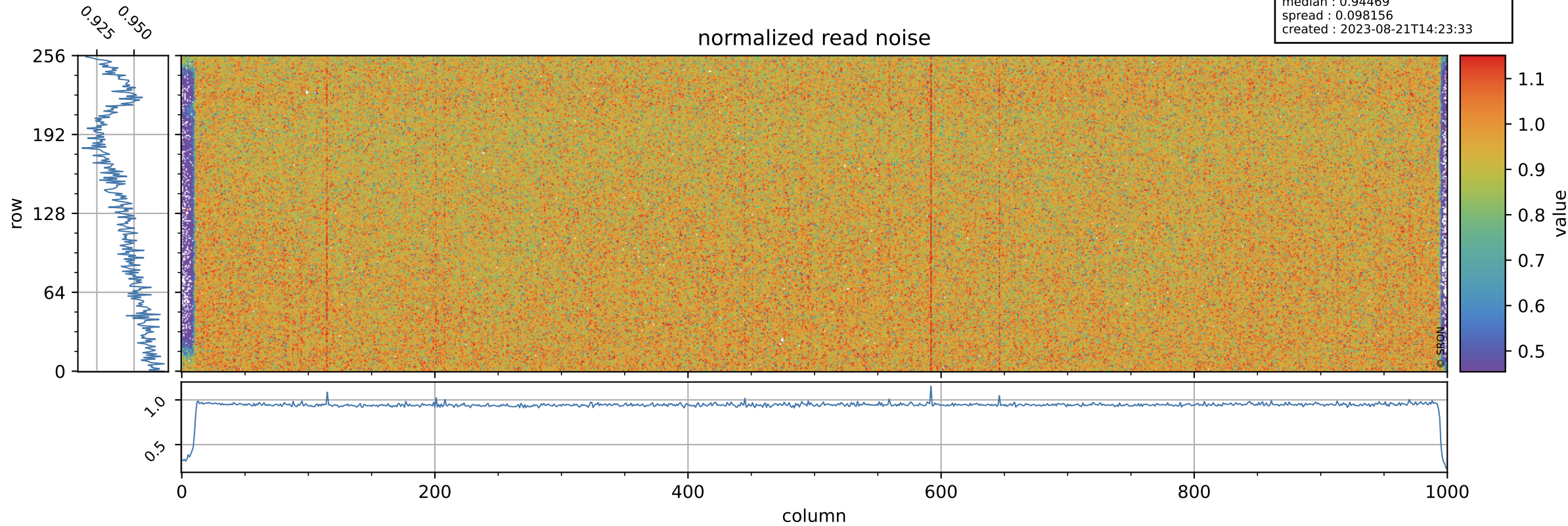
orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
median : 1.1279 e
spread : 0.063 e
created : 2023-08-21T14:23:32



Tropomi SWIR background noise (swir)

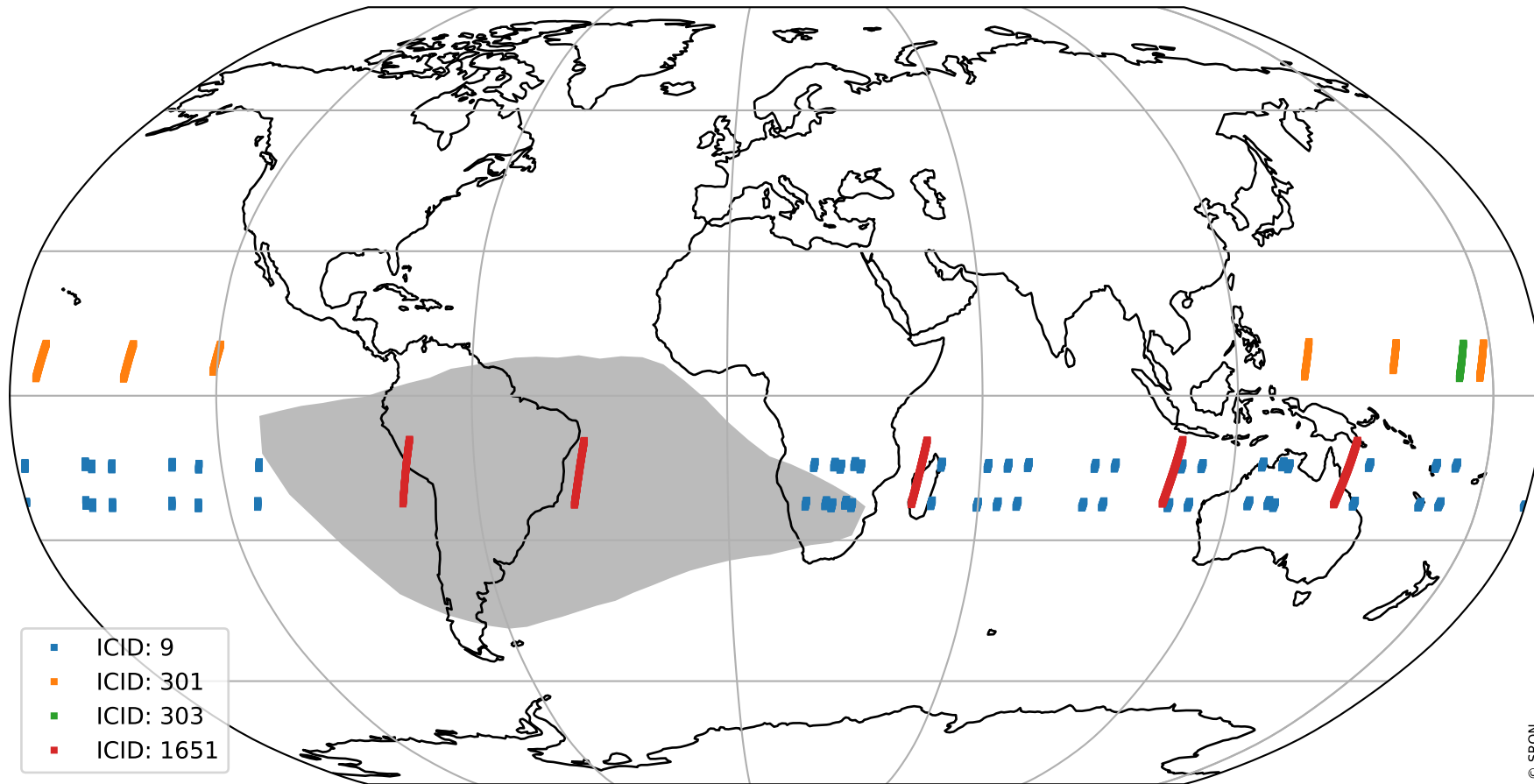
orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
median : 0.94469
spread : 0.098156
created : 2023-08-21T14:23:33

normalized read noise



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

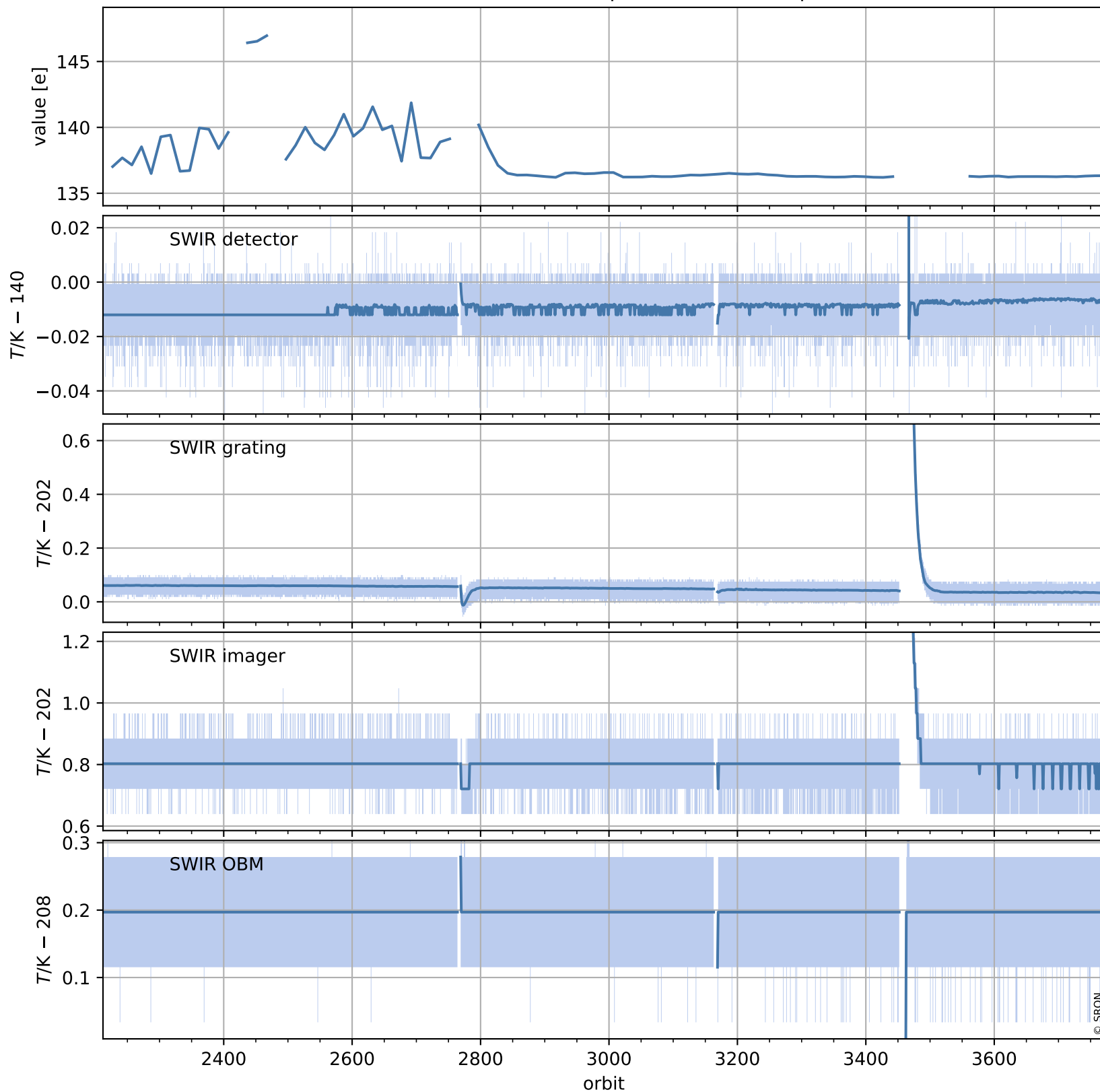
orbits : 12 in [3682, 3772]
coverage : 2018-06-30 / 2018-07-05
created : 2023-08-21T14:23:33



Tropomi SWIR background noise (swir)

orbits : [2212, 3772]
coverage : 2018-03-18 / 2018-07-05
created : 2023-08-21T14:23:33

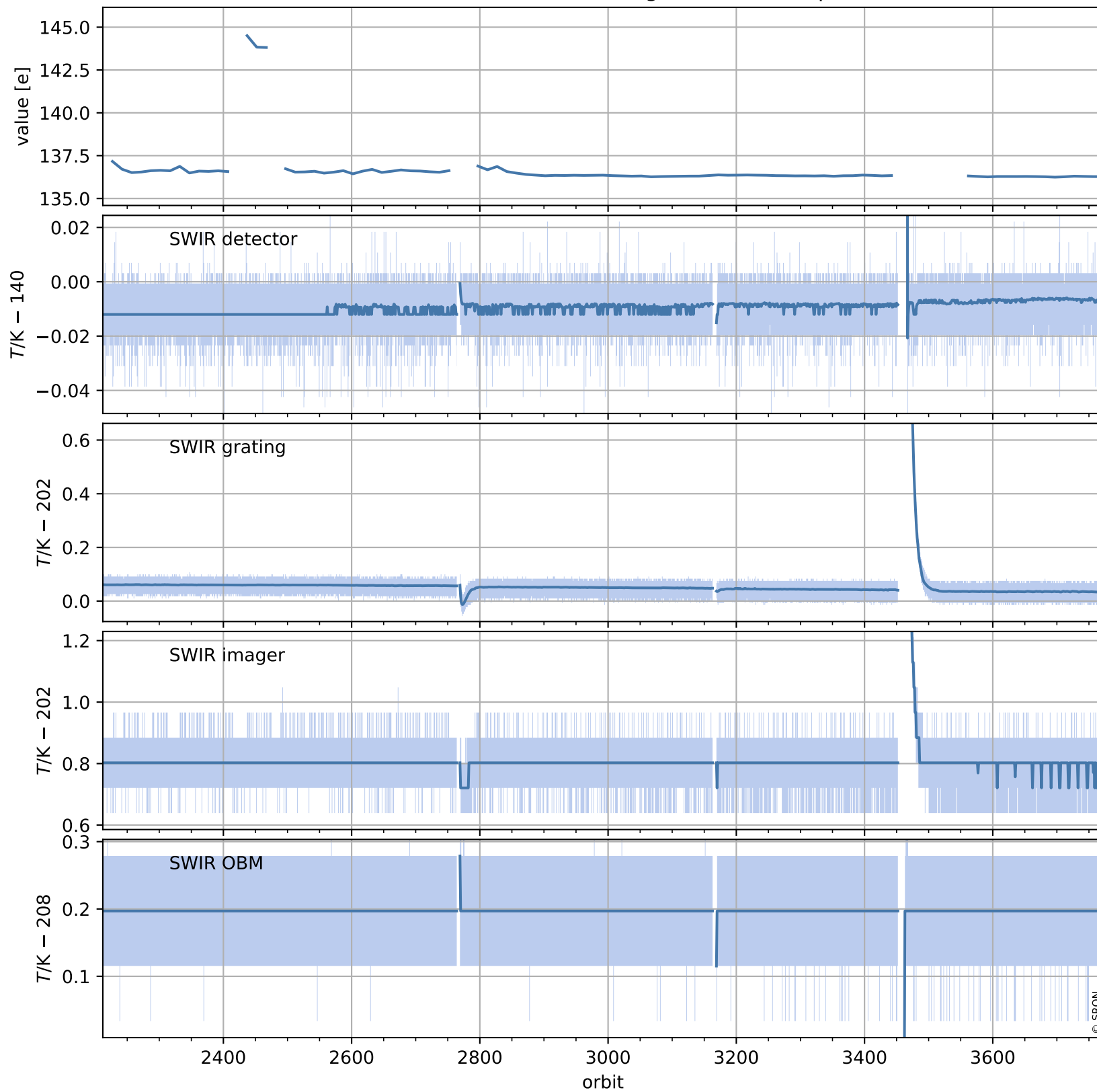
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3772]
coverage : 2018-03-18 / 2018-07-05
created : 2023-08-21T14:23:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3772]
coverage : 2018-03-18 / 2018-07-05
created : 2023-08-21T14:23:34

trend of normalized read-noise & temperatures

