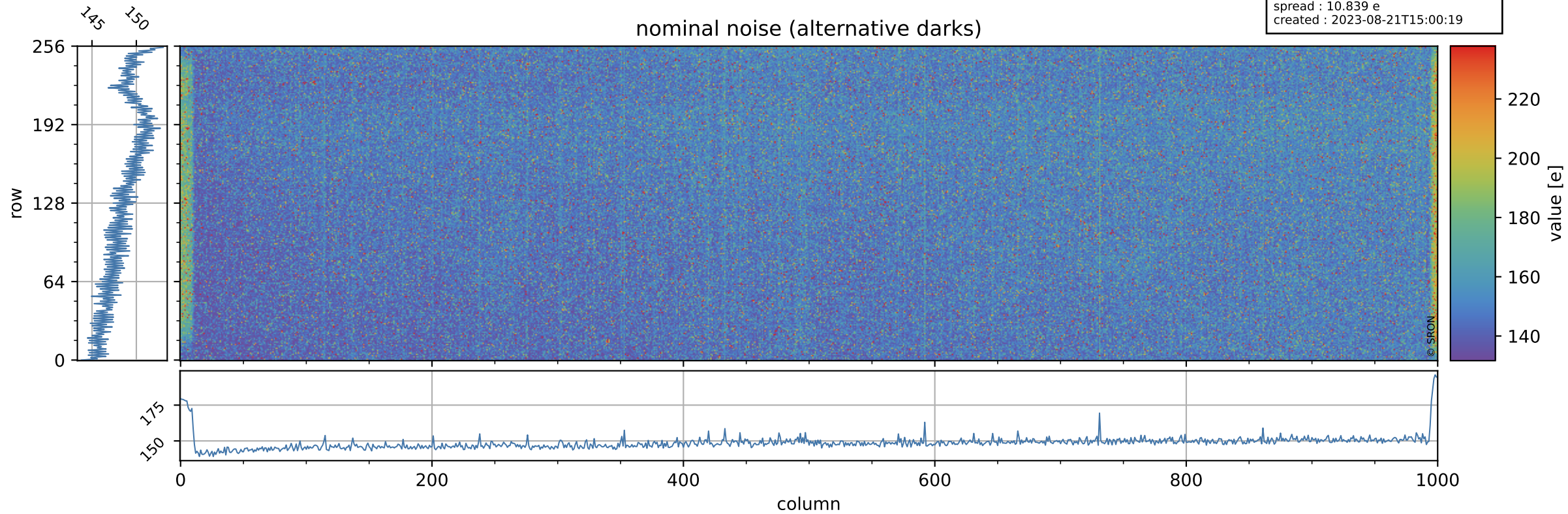


Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.839 e
created : 2023-08-21T15:00:19

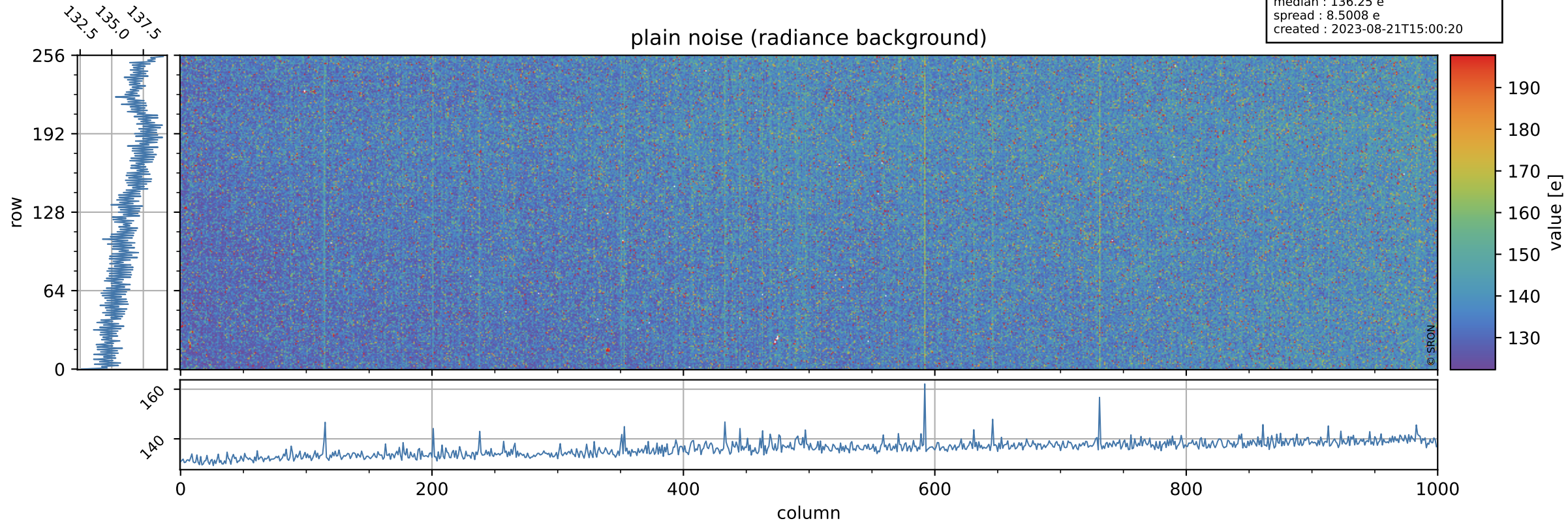
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5008 e
created : 2023-08-21T15:00:20

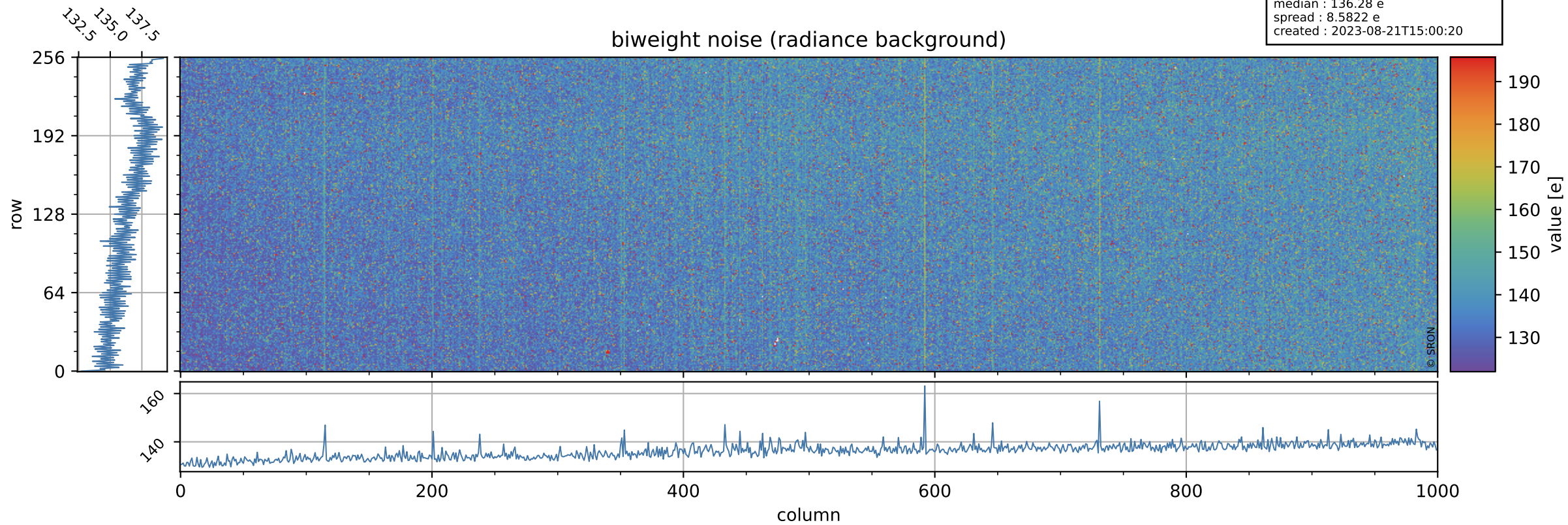
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.5822 e
created : 2023-08-21T15:00:20

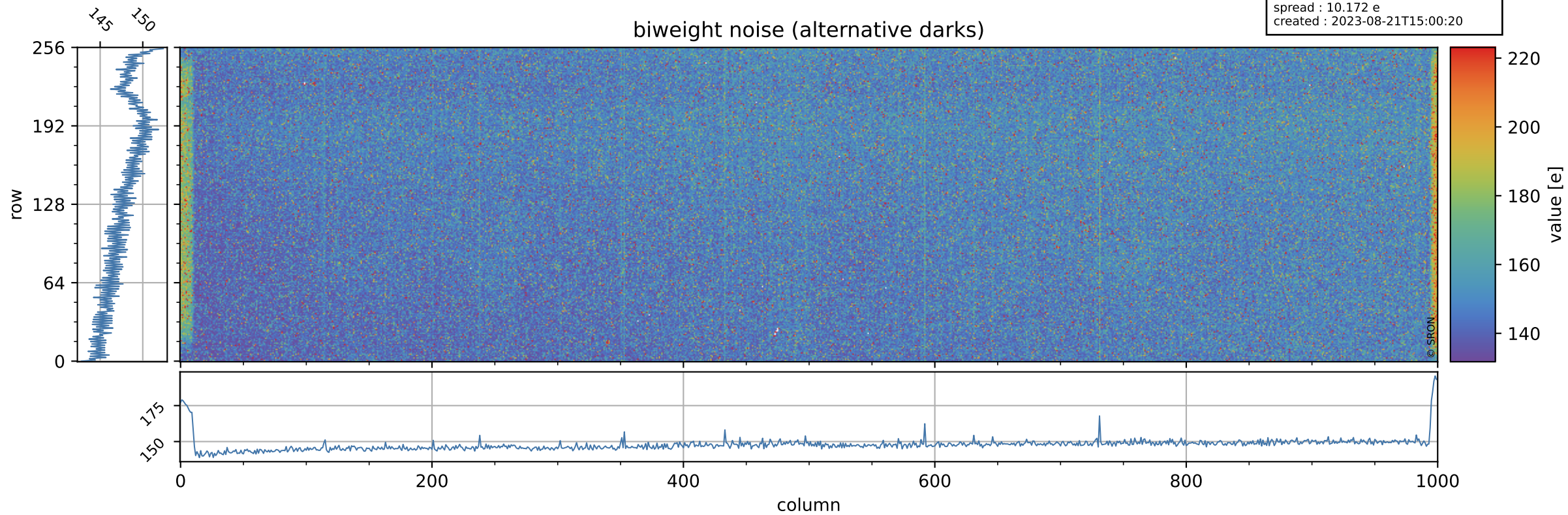
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.172 e
created : 2023-08-21T15:00:20

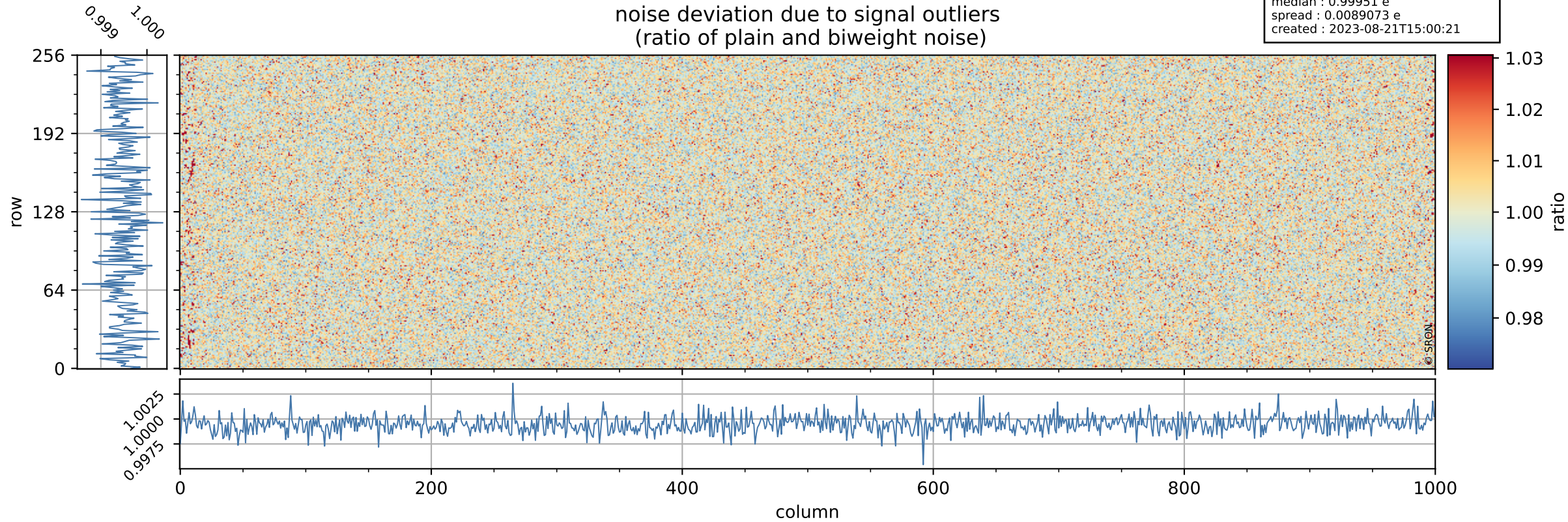
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

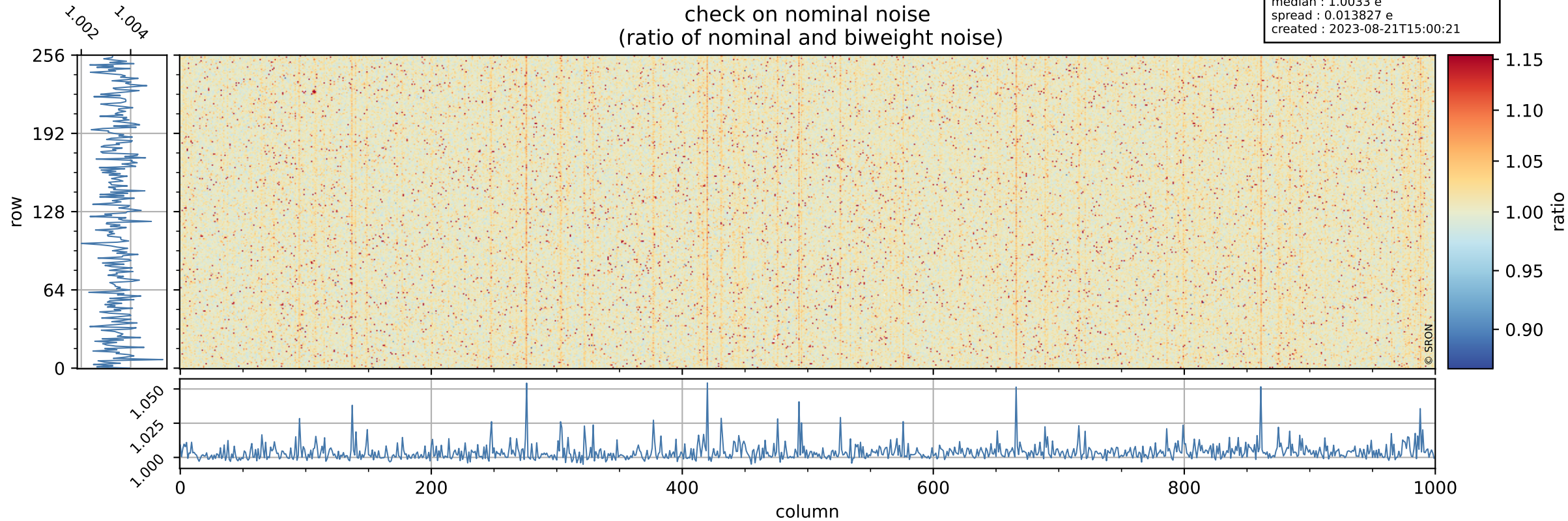
orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
median : 0.99951 e
spread : 0.0089073 e
created : 2023-08-21T15:00:21



Tropomi SWIR background noise (swir)

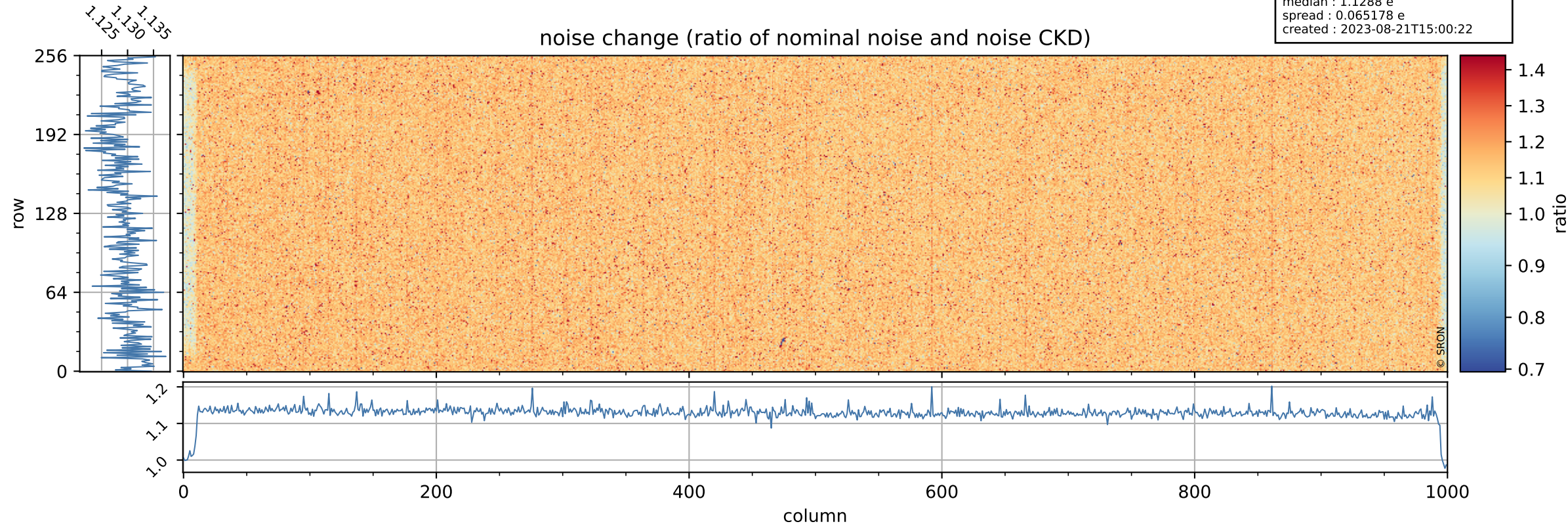
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
median : 1.0033 e
spread : 0.013827 e
created : 2023-08-21T15:00:21



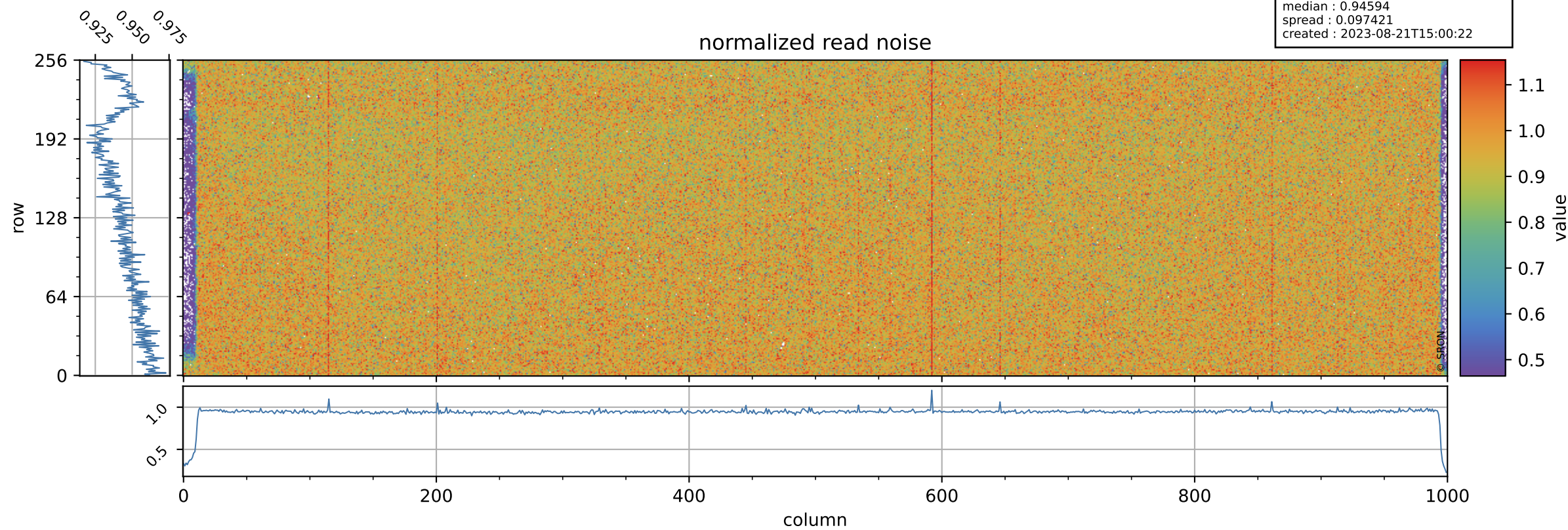
Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
median : 1.1288 e
spread : 0.065178 e
created : 2023-08-21T15:00:22



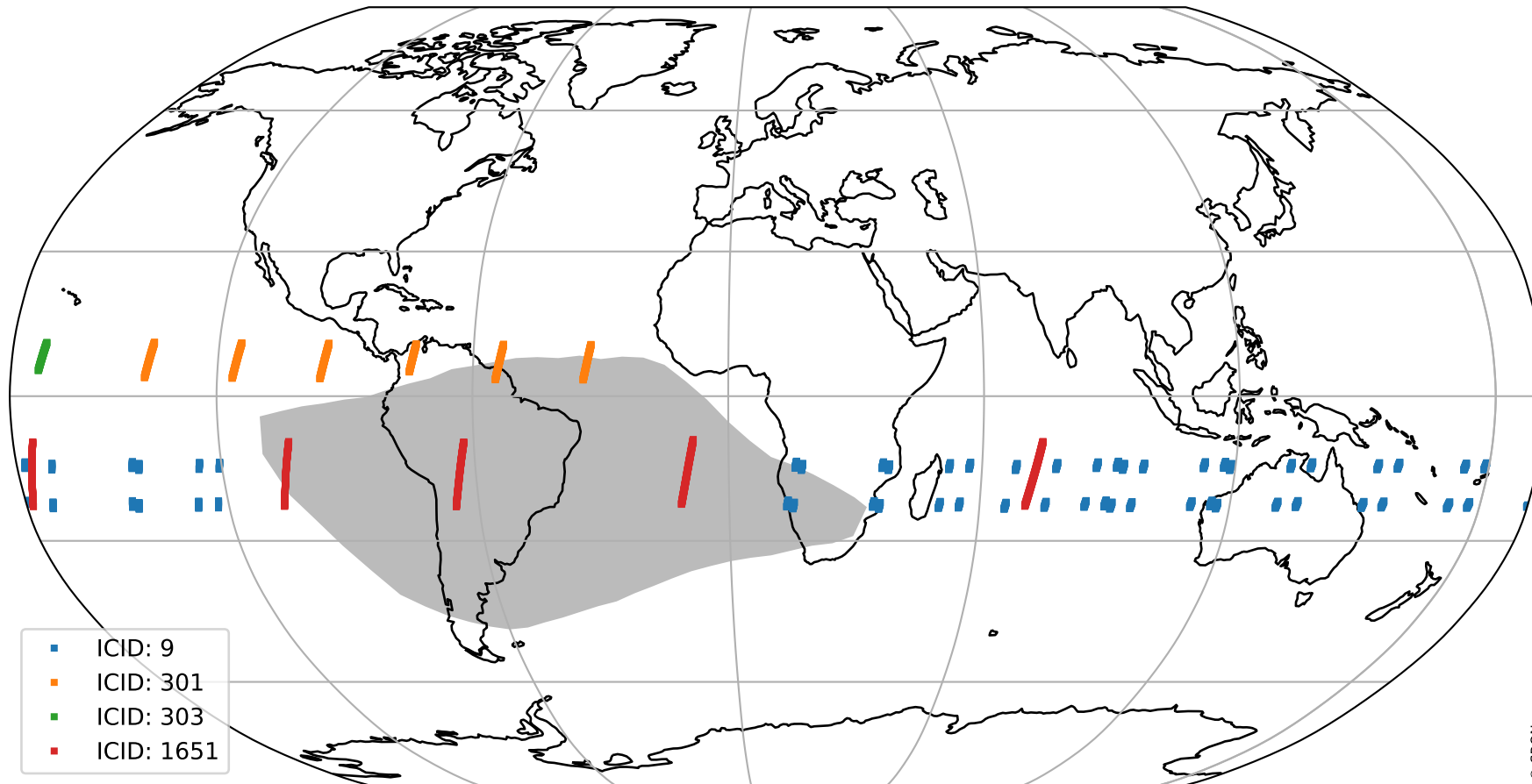
Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
median : 0.94594
spread : 0.097421
created : 2023-08-21T15:00:22



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

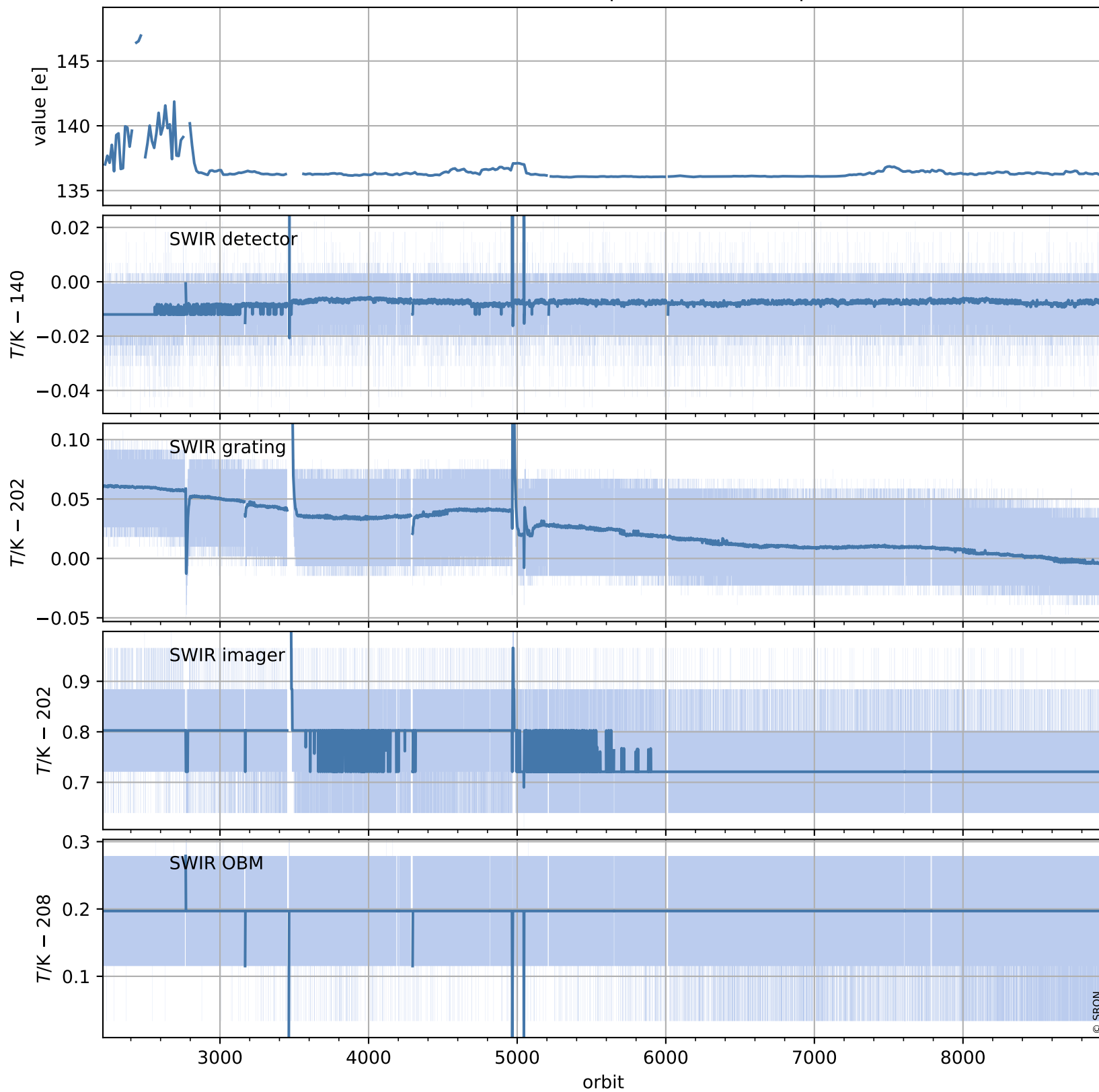
orbits : 12 in [8857, 8947]
coverage : 2019-06-30 / 2019-07-06
created : 2023-08-21T15:00:23



Tropomi SWIR background noise (swir)

orbits : [2212, 8947]
coverage : 2018-03-18 / 2019-07-06
created : 2023-08-21T15:00:23

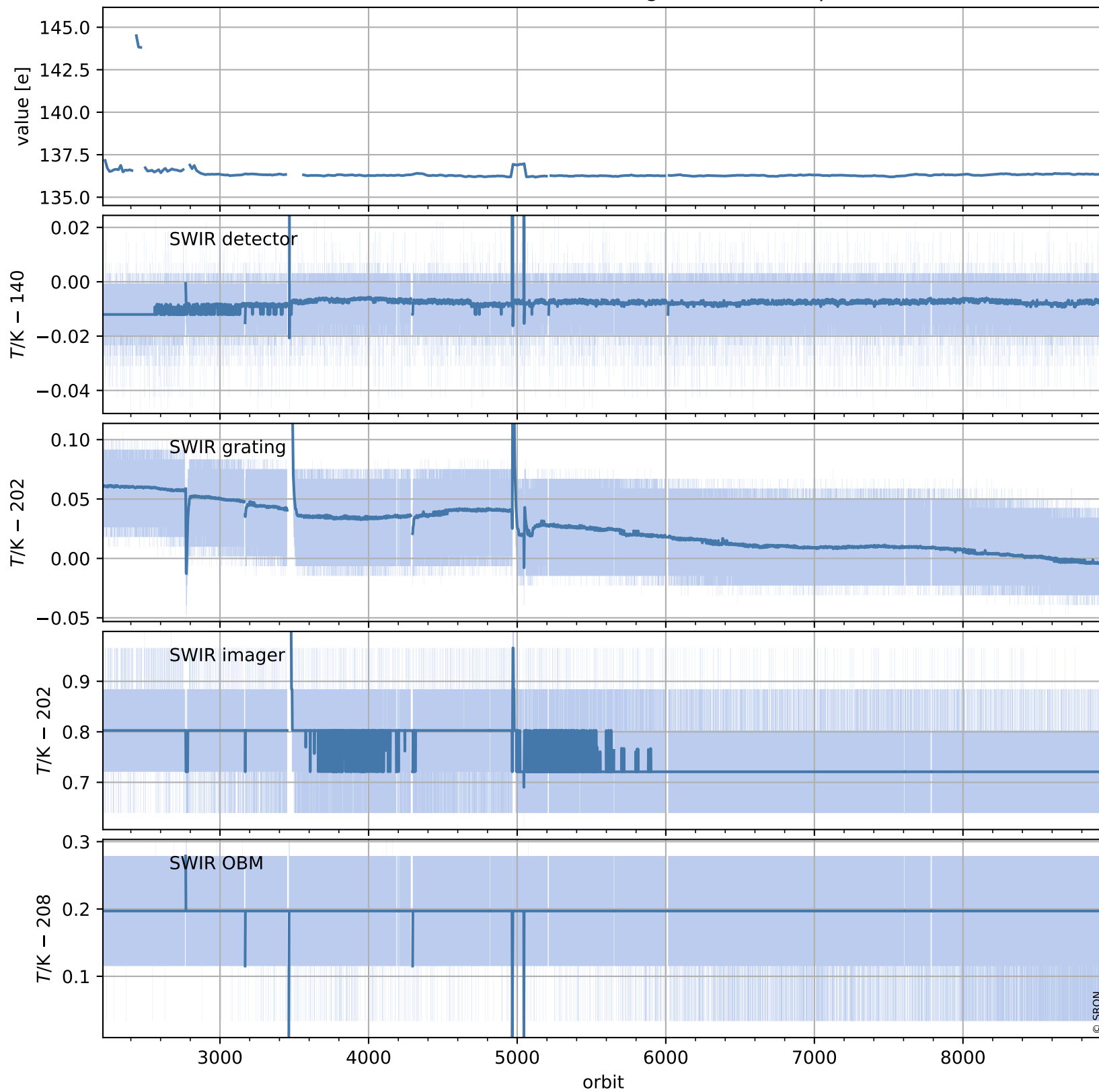
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8947]
coverage : 2018-03-18 / 2019-07-06
created : 2023-08-21T15:00:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8947]
coverage : 2018-03-18 / 2019-07-06
created : 2023-08-21T15:00:25

trend of normalized read-noise & temperatures

