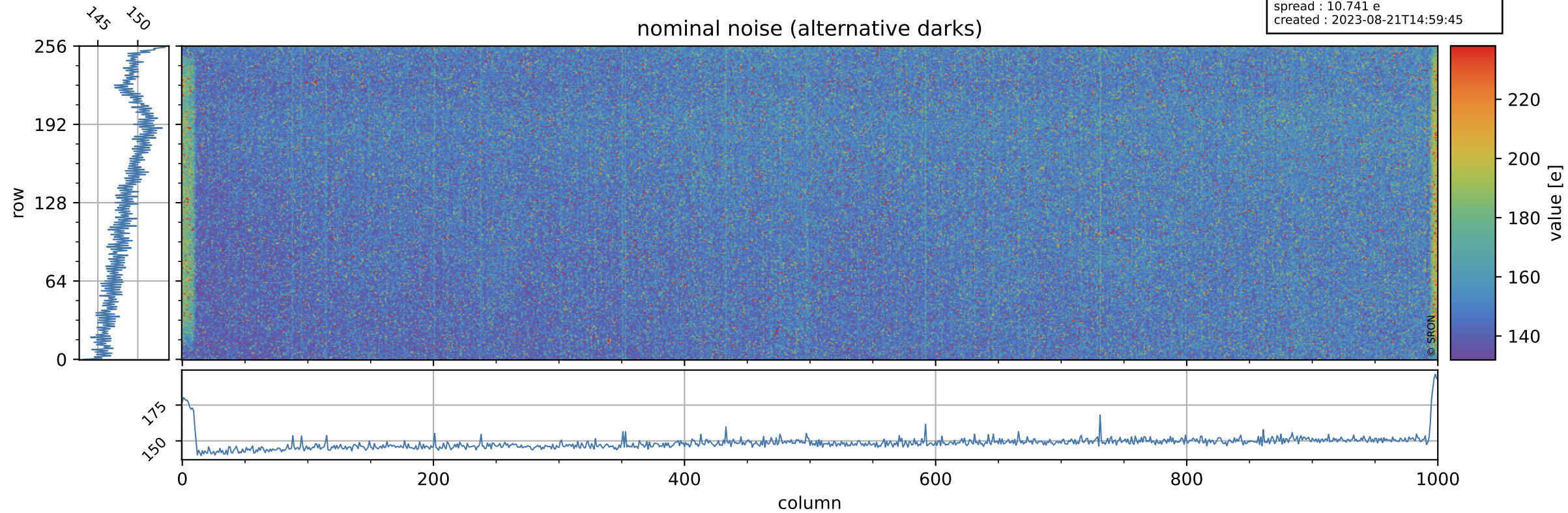


Tropomi SWIR background noise (swir)

orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.741 e
created : 2023-08-21T14:59:45

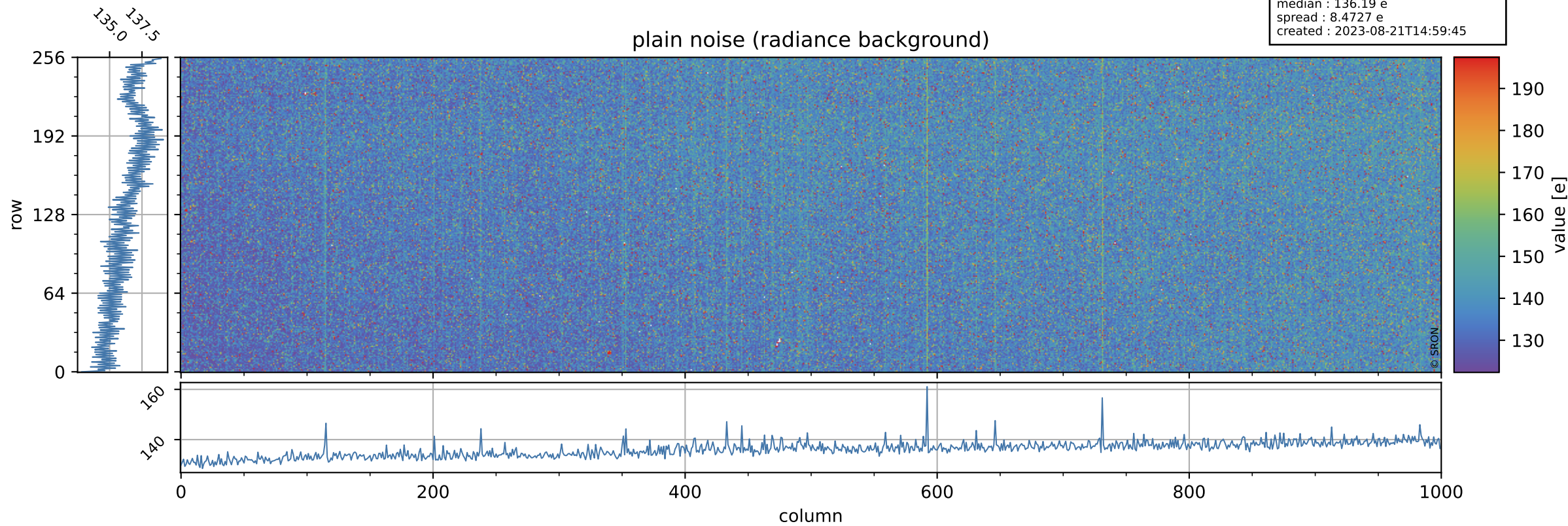
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.4727 e
created : 2023-08-21T14:59:45

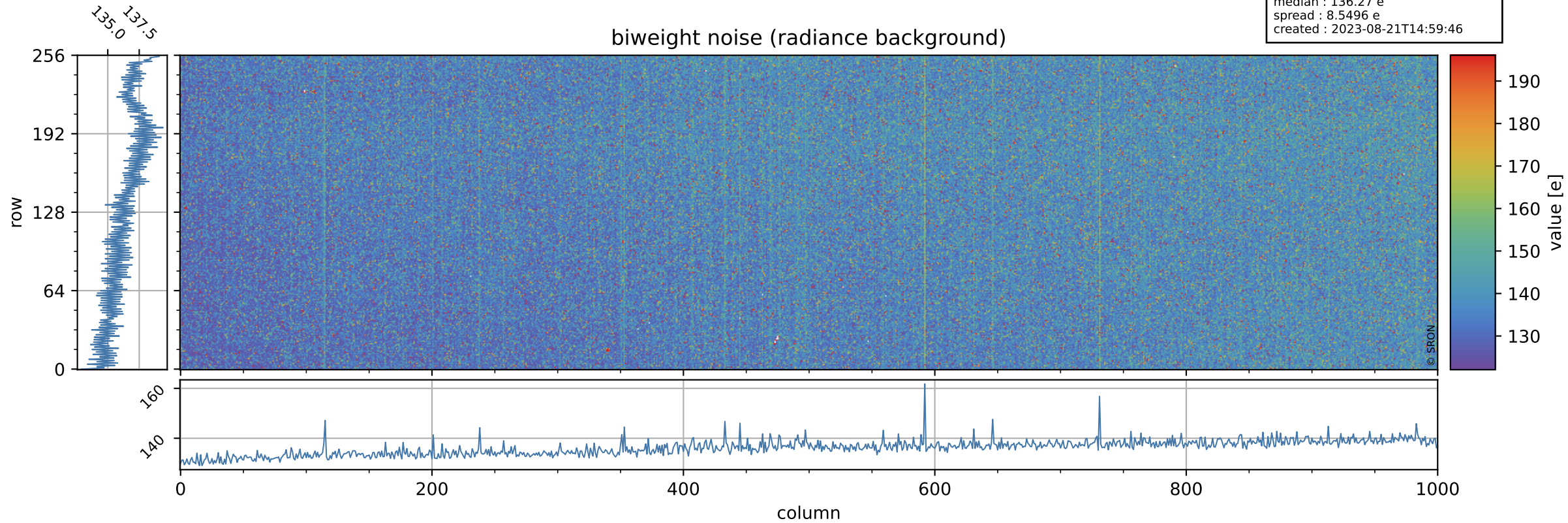
plain noise (radiance background)



Tropomi SWIR background noise (swir)

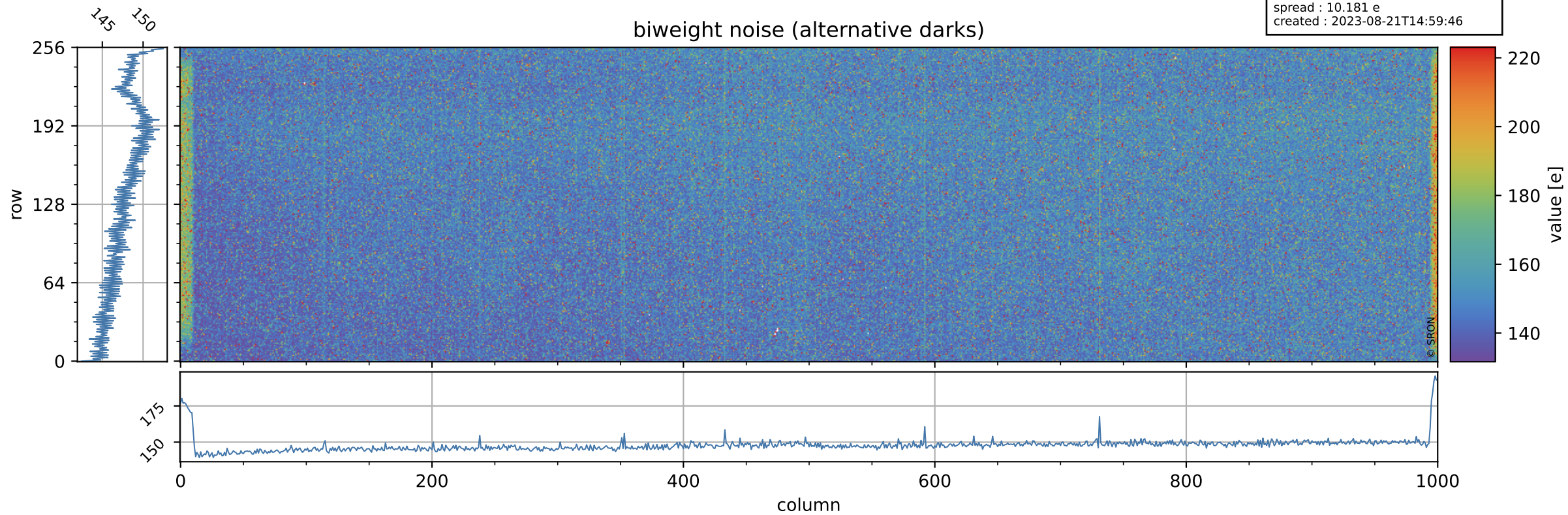
orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.5496 e
created : 2023-08-21T14:59:46

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

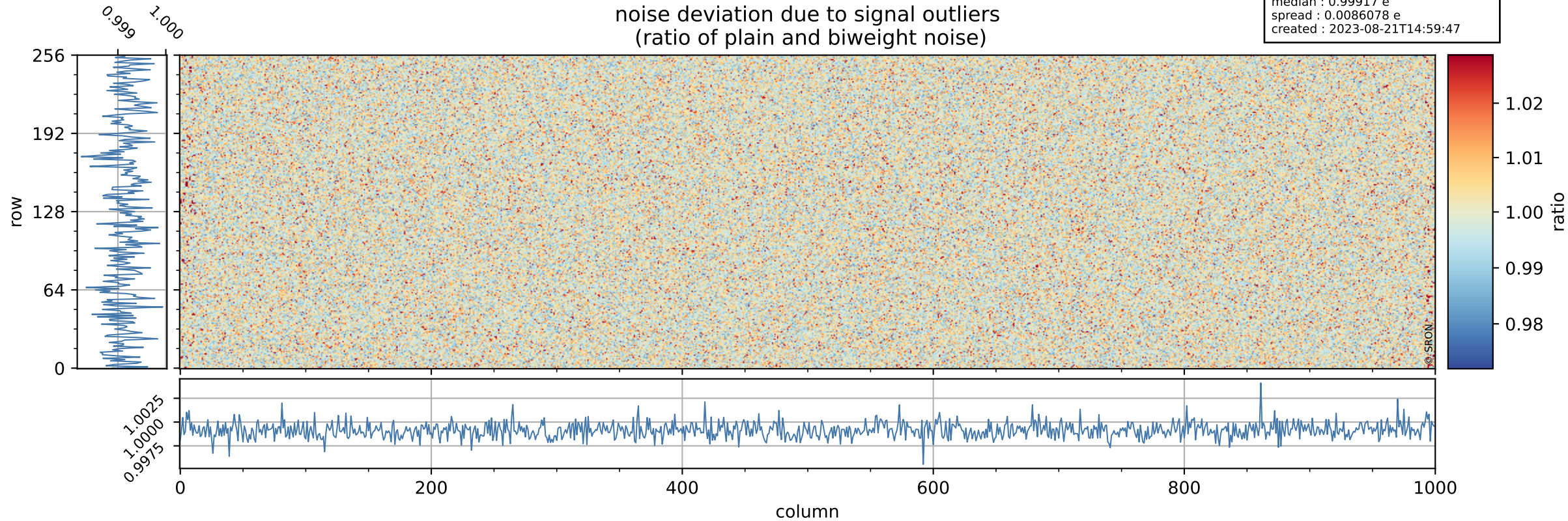
orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.181 e
created : 2023-08-21T14:59:46



Tropomi SWIR background noise (swir)

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

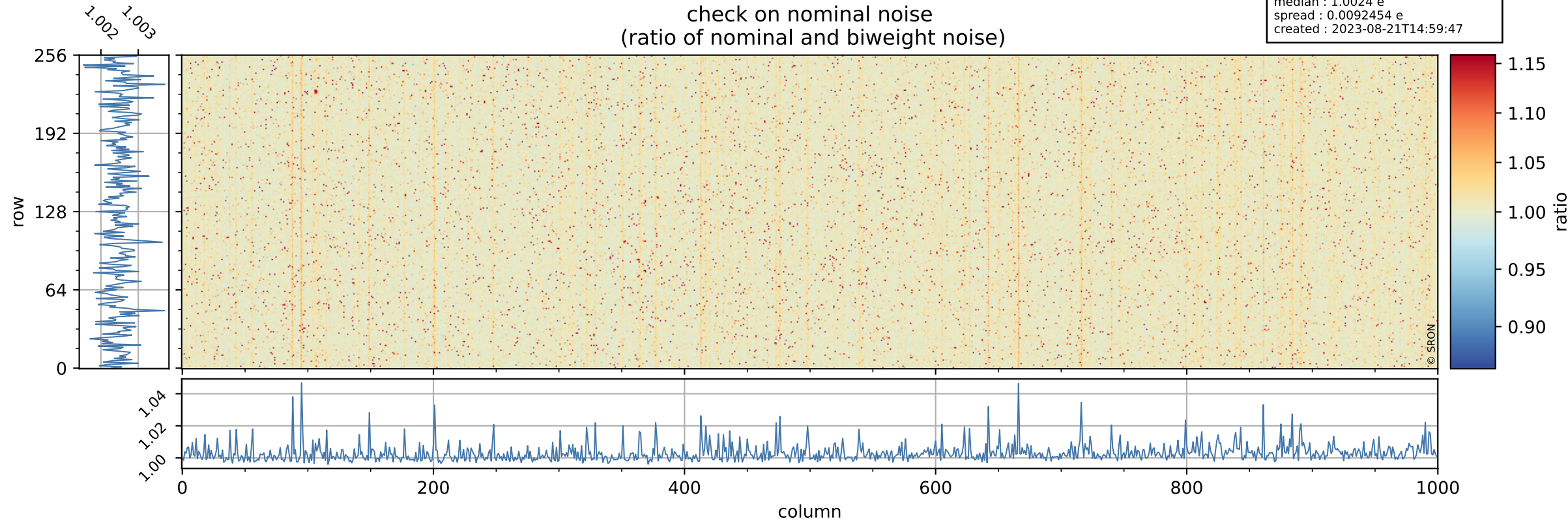
orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
median : 0.99917 e
spread : 0.0086078 e
created : 2023-08-21T14:59:47



Tropomi SWIR background noise (swir)

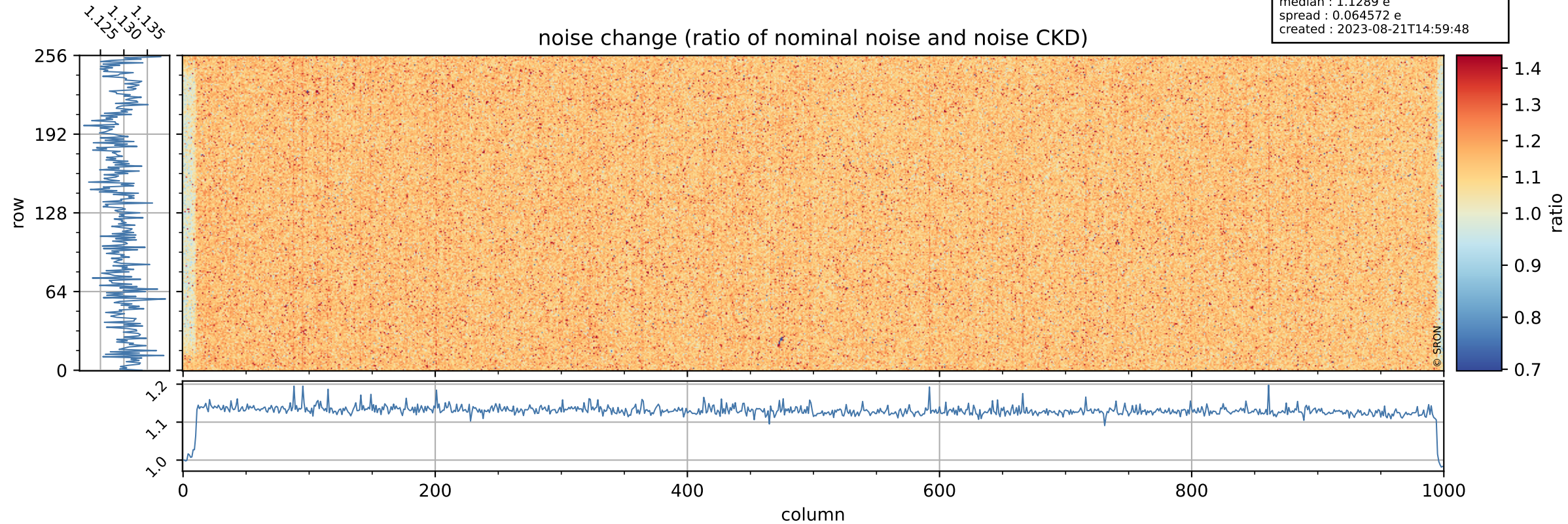
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
median : 1.0024 e
spread : 0.0092454 e
created : 2023-08-21T14:59:47



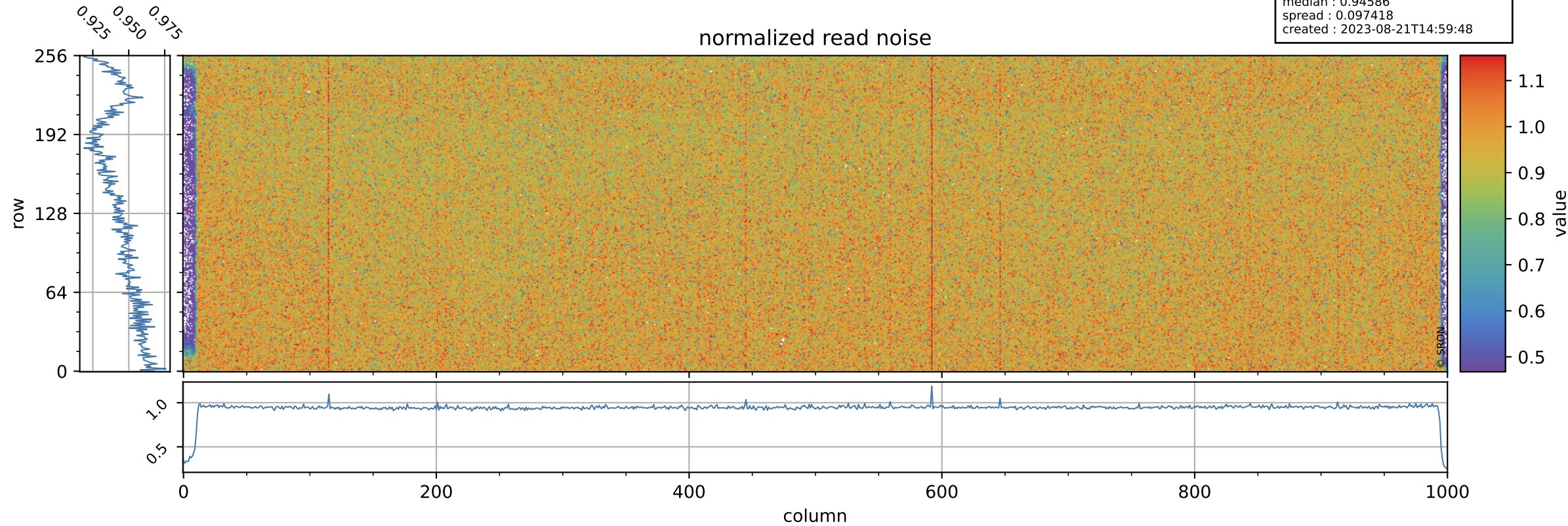
Tropomi SWIR background noise (swir)

orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
median : 1.1289 e
spread : 0.064572 e
created : 2023-08-21T14:59:48



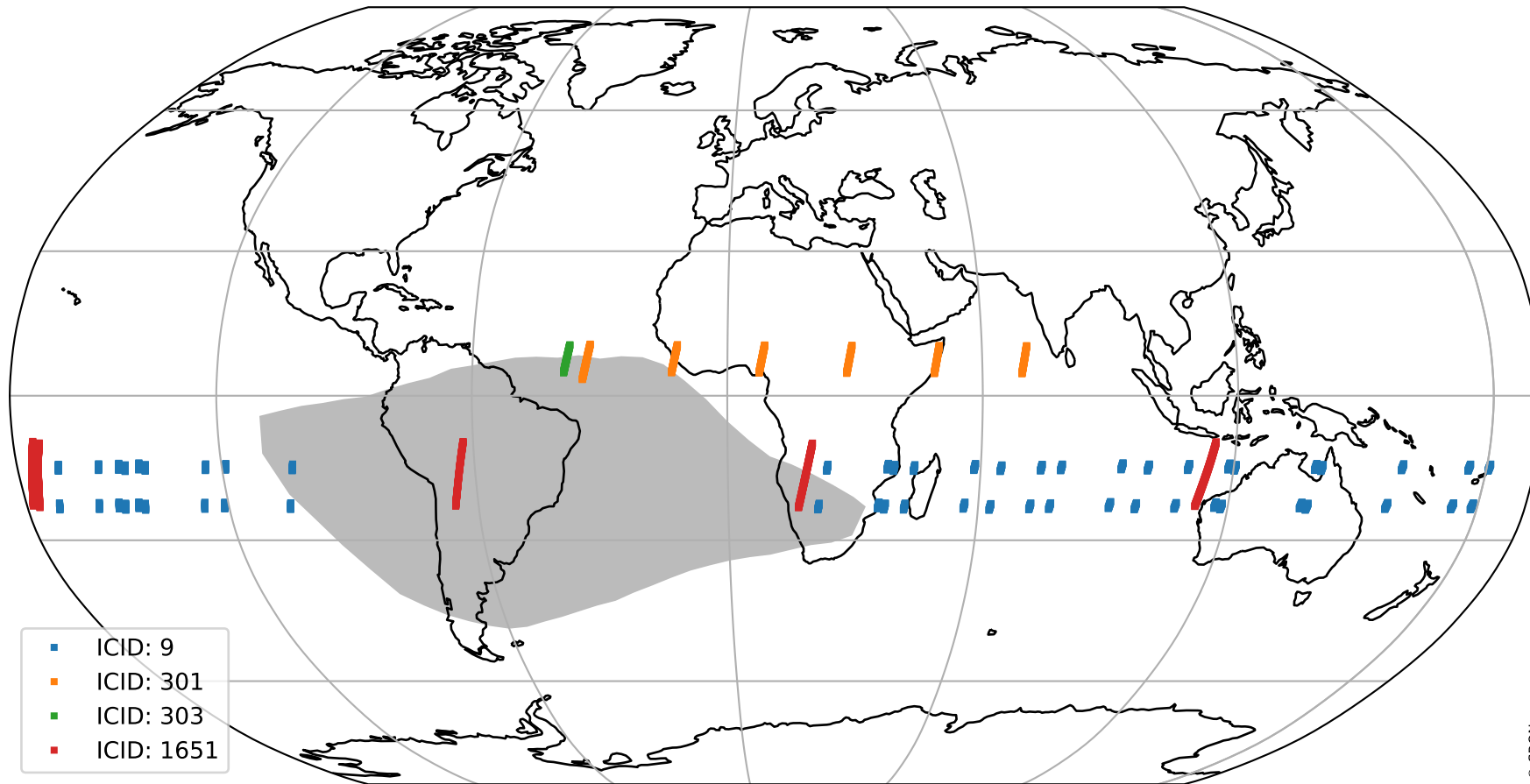
Tropomi SWIR background noise (swir)

orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
median : 0.94586
spread : 0.097418
created : 2023-08-21T14:59:48



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

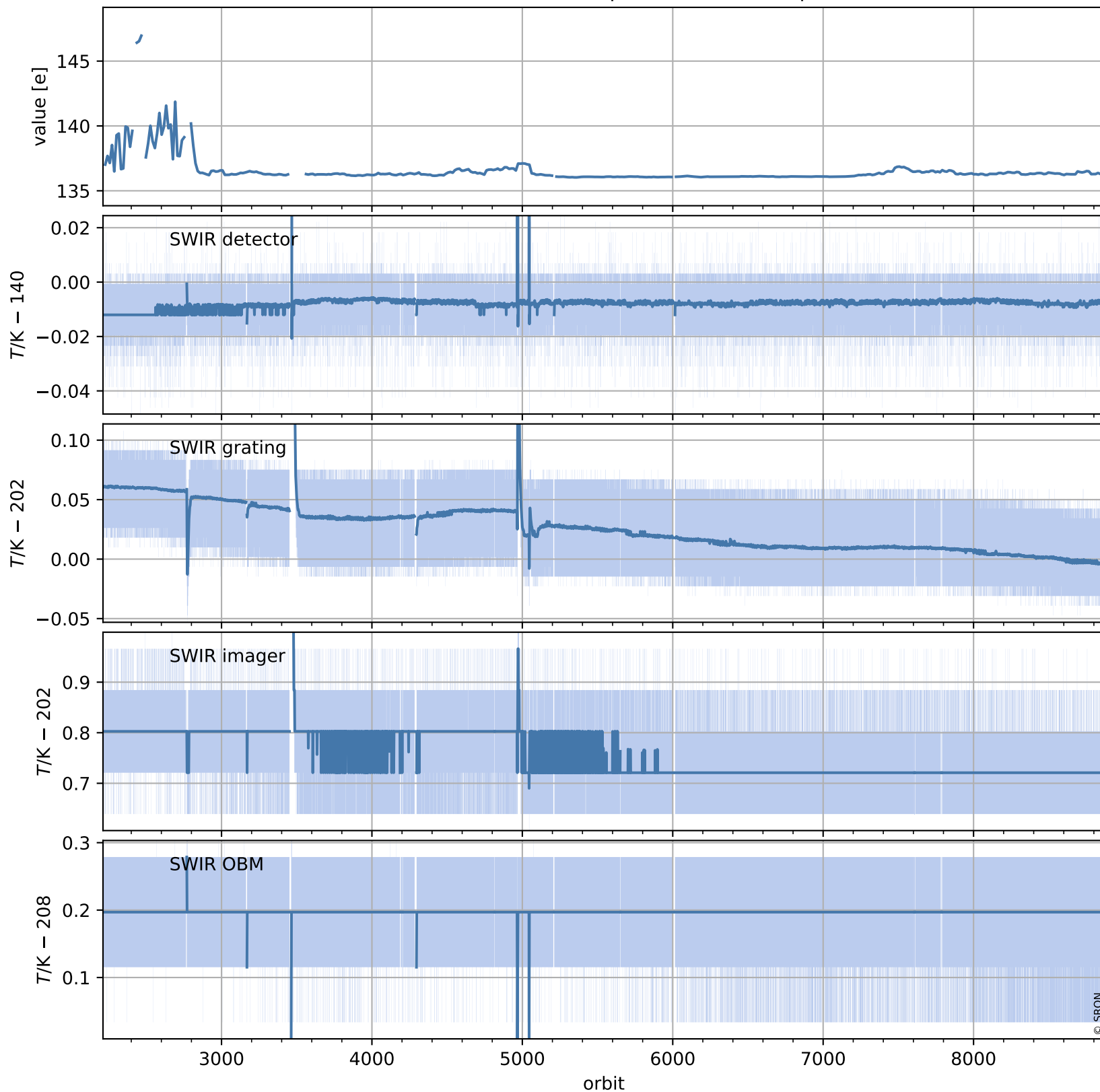
orbits : 12 in [8782, 8872]
coverage : 2019-06-24 / 2019-06-30
created : 2023-08-21T14:59:48



Tropomi SWIR background noise (swir)

orbits : [2212, 8872]
coverage : 2018-03-18 / 2019-06-30
created : 2023-08-21T14:59:49

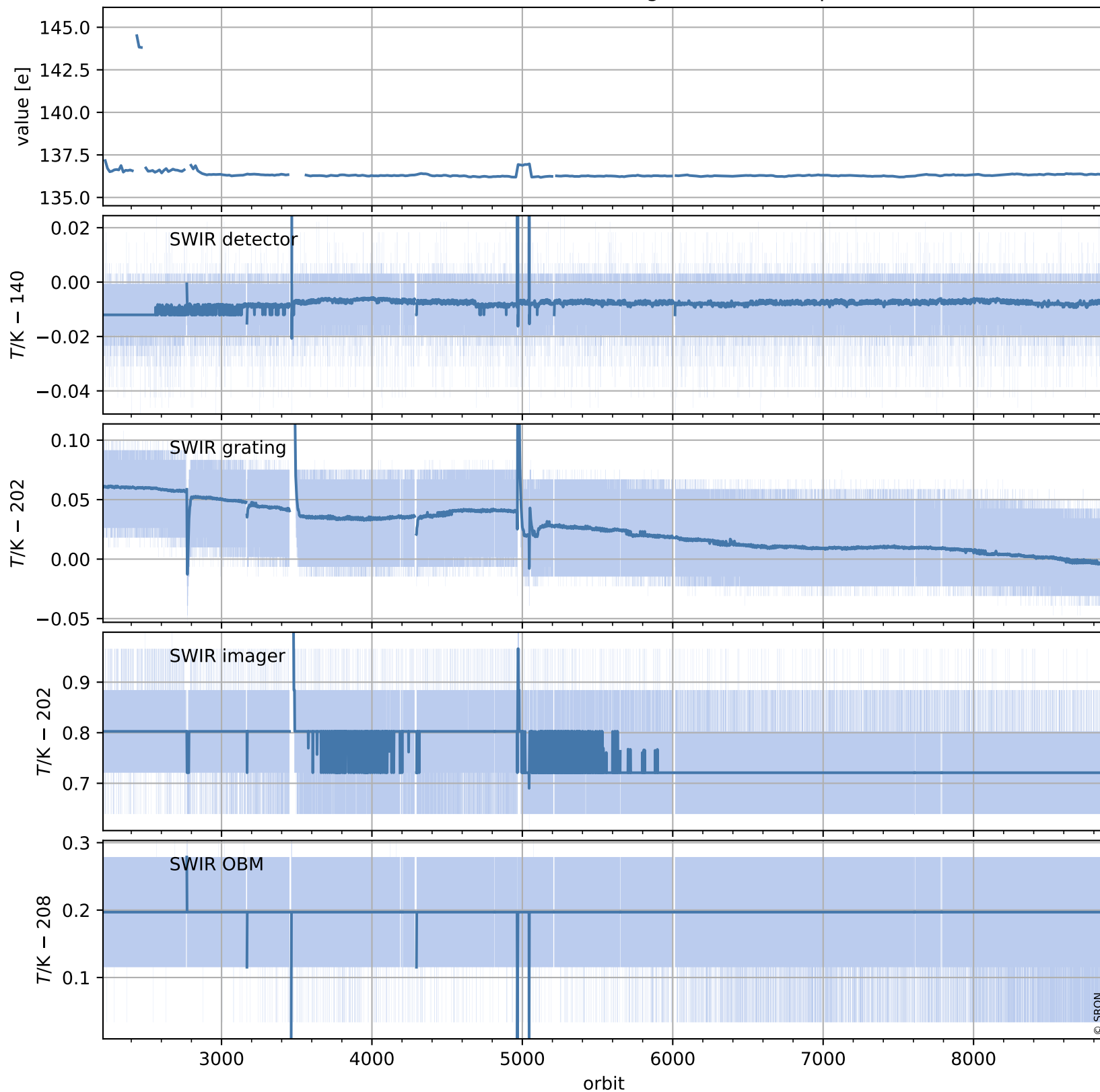
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8872]
coverage : 2018-03-18 / 2019-06-30
created : 2023-08-21T14:59:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8872]
coverage : 2018-03-18 / 2019-06-30
created : 2023-08-21T14:59:51

trend of normalized read-noise & temperatures

