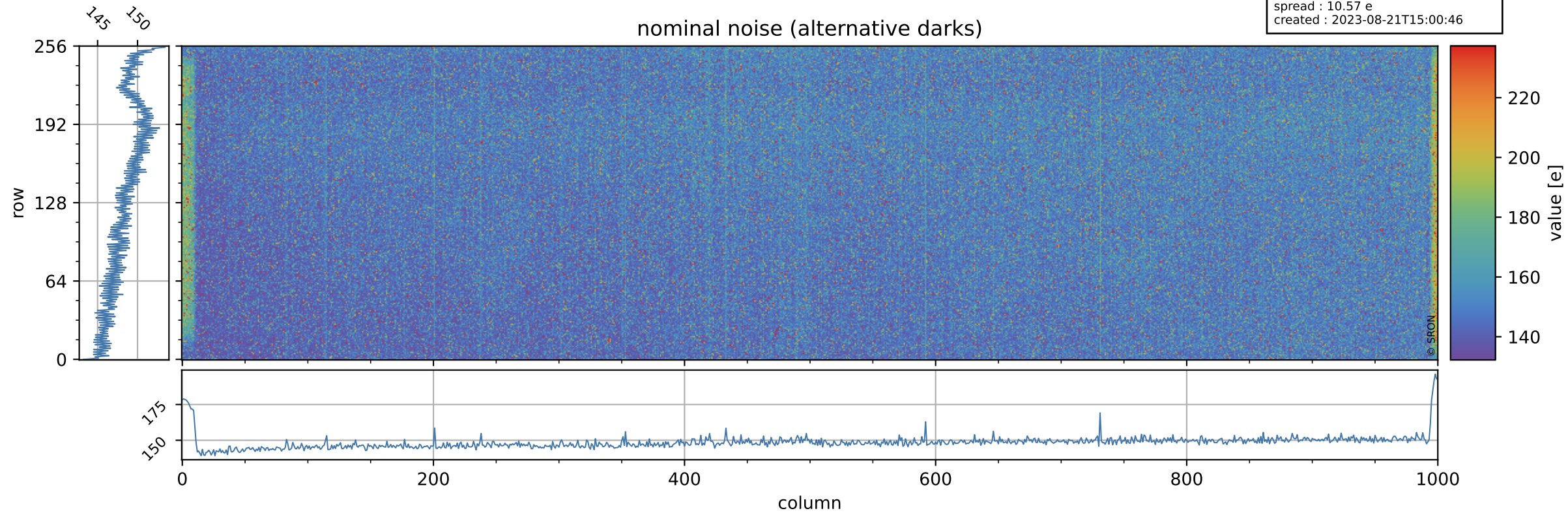


Tropomi SWIR background noise (swir)

orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.57 e
created : 2023-08-21T15:00:46

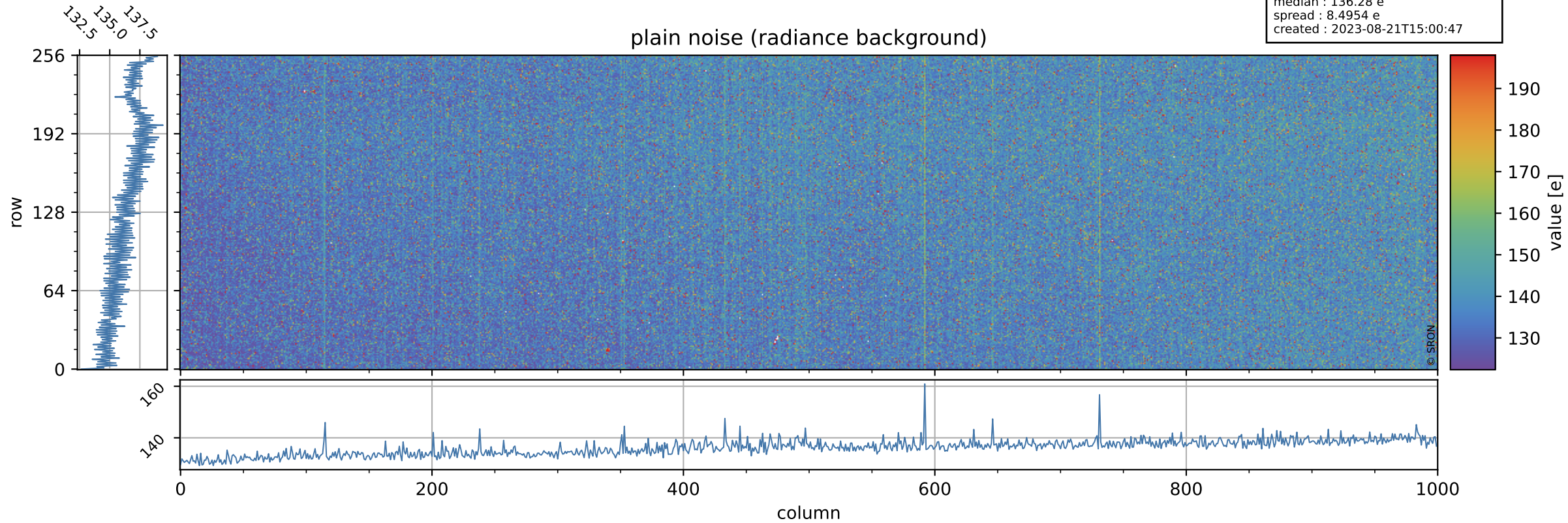
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.4954 e
created : 2023-08-21T15:00:47

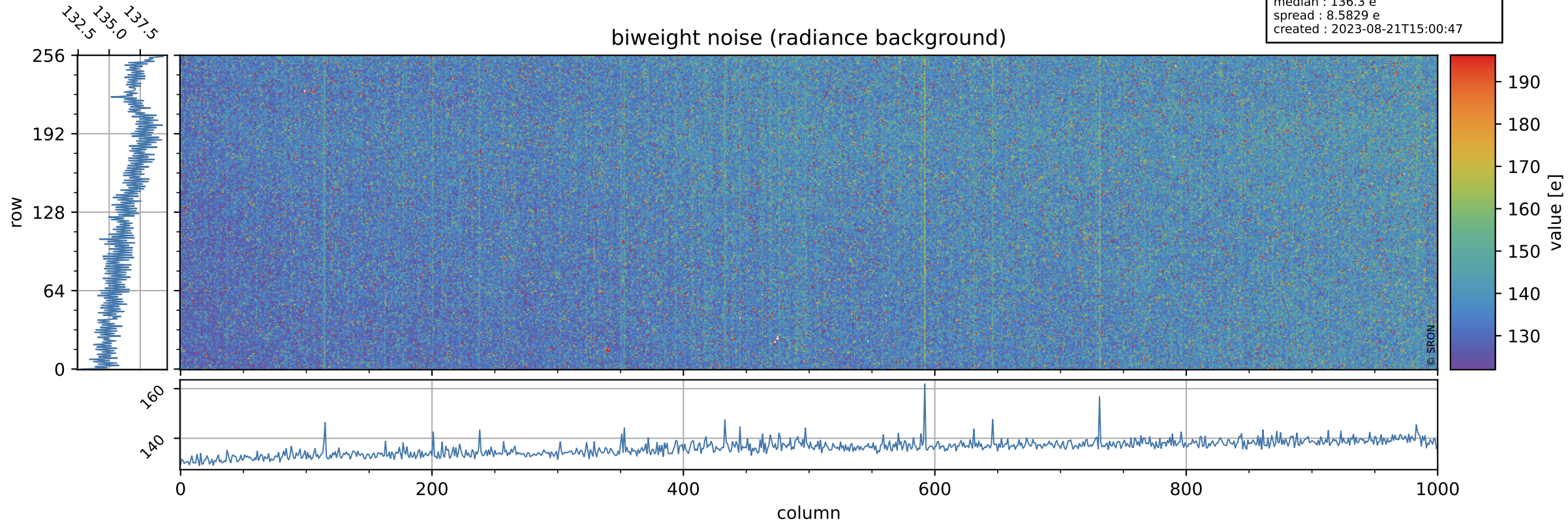
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
n_coad, t_exp : 2, 0.5383
median : 136.3 e
spread : 8.5829 e
created : 2023-08-21T15:00:47

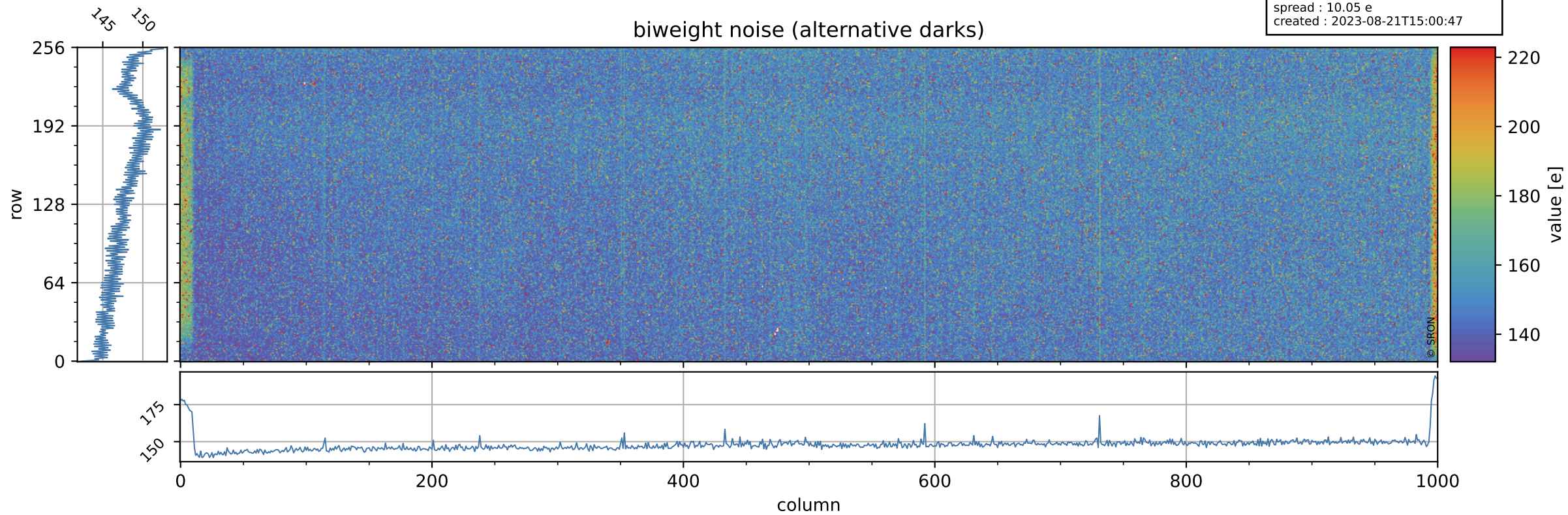
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.05 e
created : 2023-08-21T15:00:47

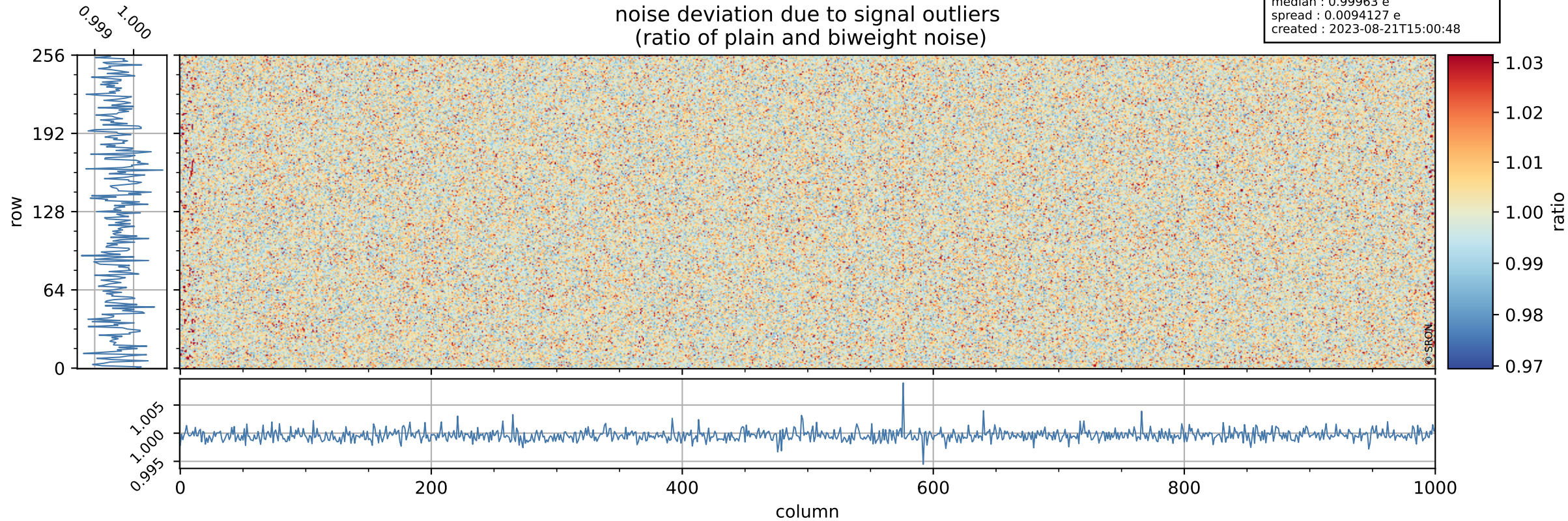
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

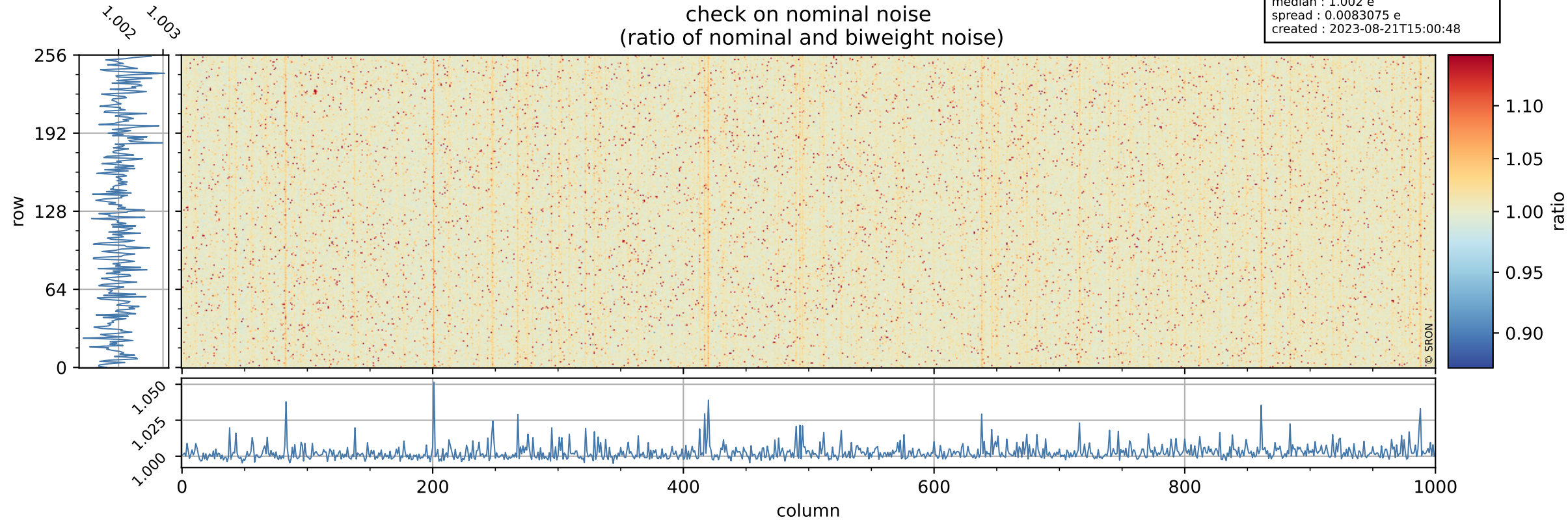
orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
median : 0.99963 e
spread : 0.0094127 e
created : 2023-08-21T15:00:48



Tropomi SWIR background noise (swir)

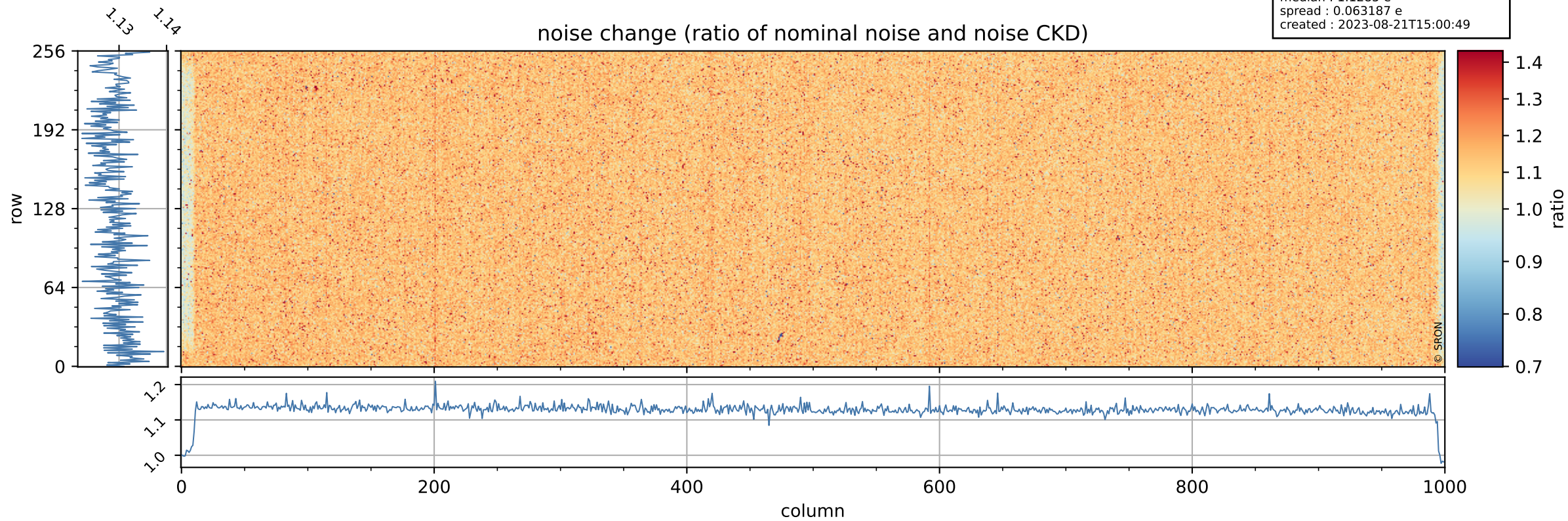
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
median : 1.002 e
spread : 0.0083075 e
created : 2023-08-21T15:00:48



Tropomi SWIR background noise (swir)

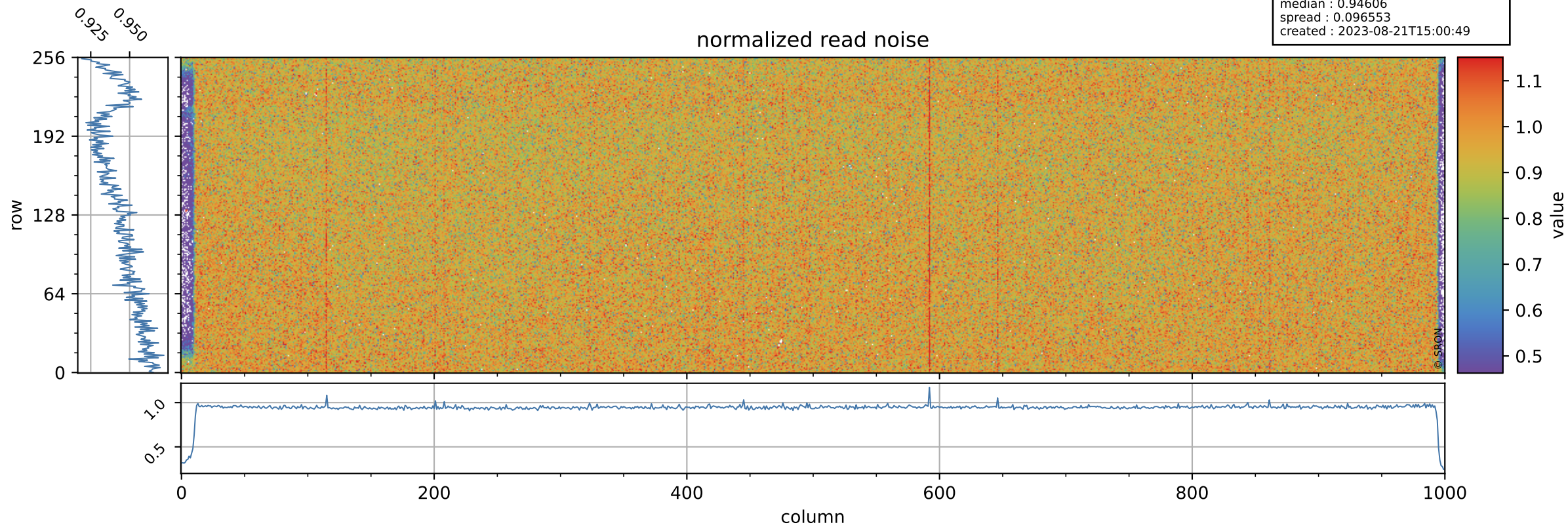
orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
median : 1.1285 e
spread : 0.063187 e
created : 2023-08-21T15:00:49



Tropomi SWIR background noise (swir)

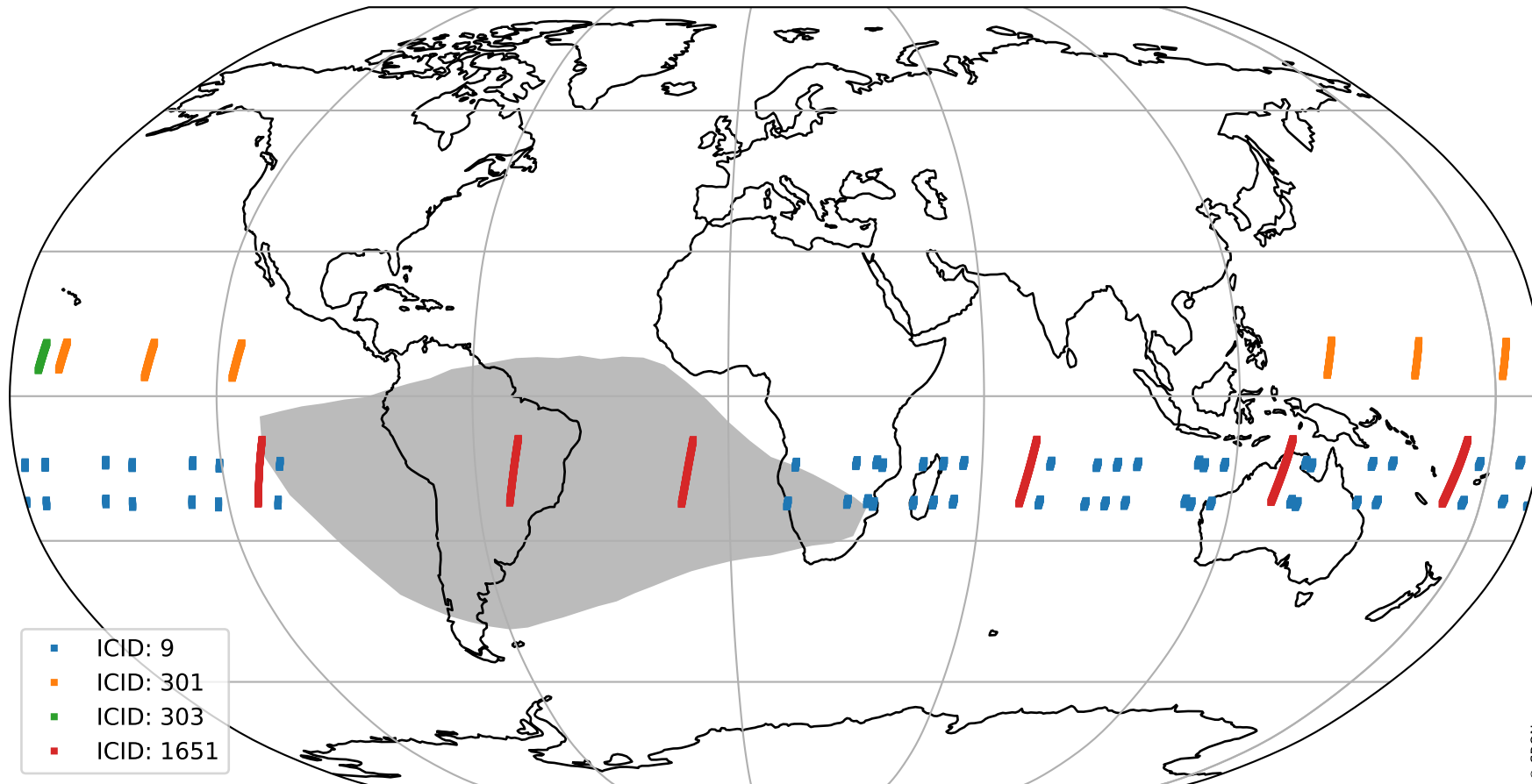
orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
median : 0.94606
spread : 0.096553
created : 2023-08-21T15:00:49

normalized read noise



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

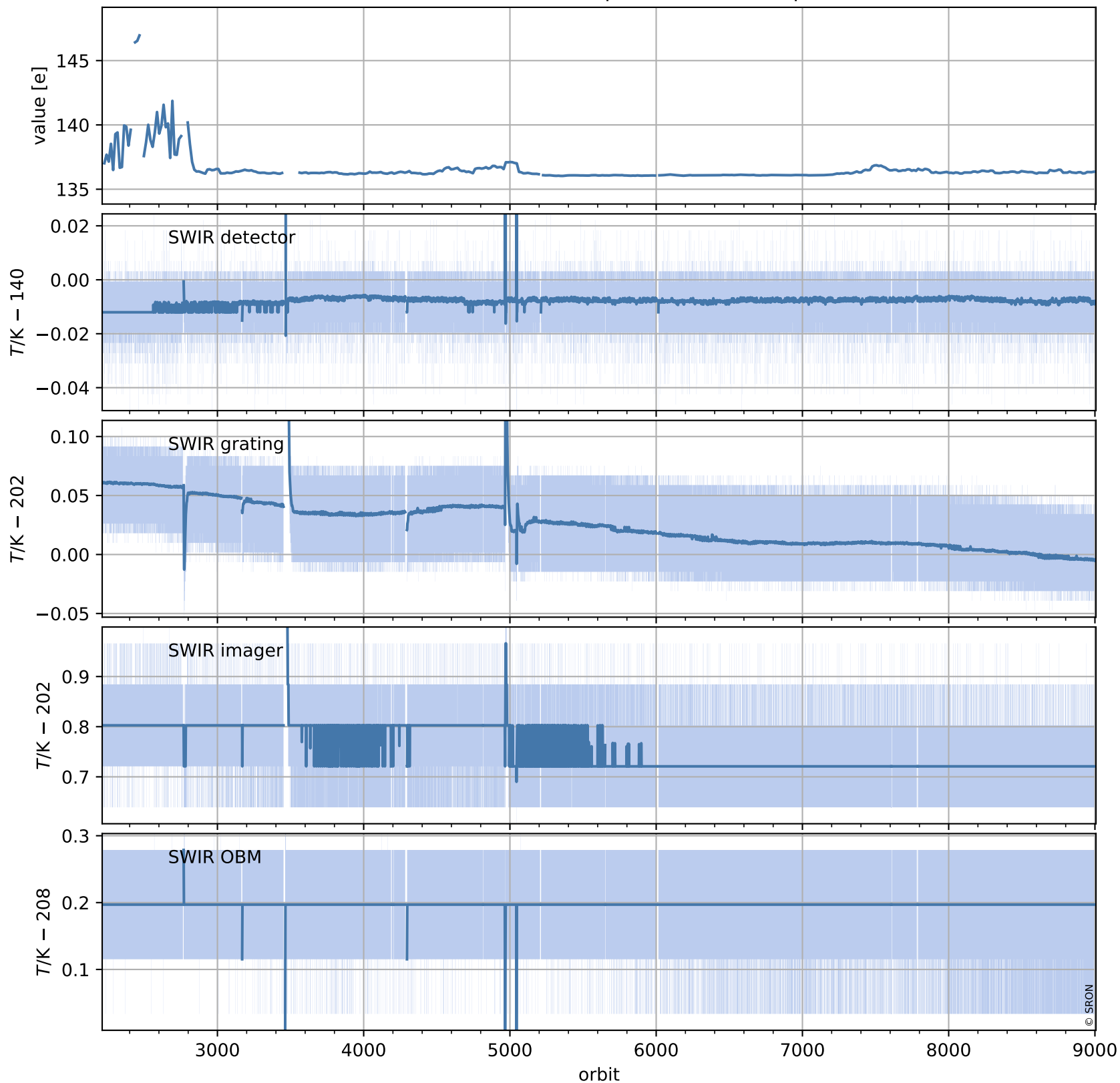
orbits : 13 in [8932, 9007]
coverage : 2019-07-04 / 2019-07-09
created : 2023-08-21T15:00:50



Tropomi SWIR background noise (swir)

orbits : [2212, 9007]
coverage : 2018-03-18 / 2019-07-09
created : 2023-08-21T15:00:50

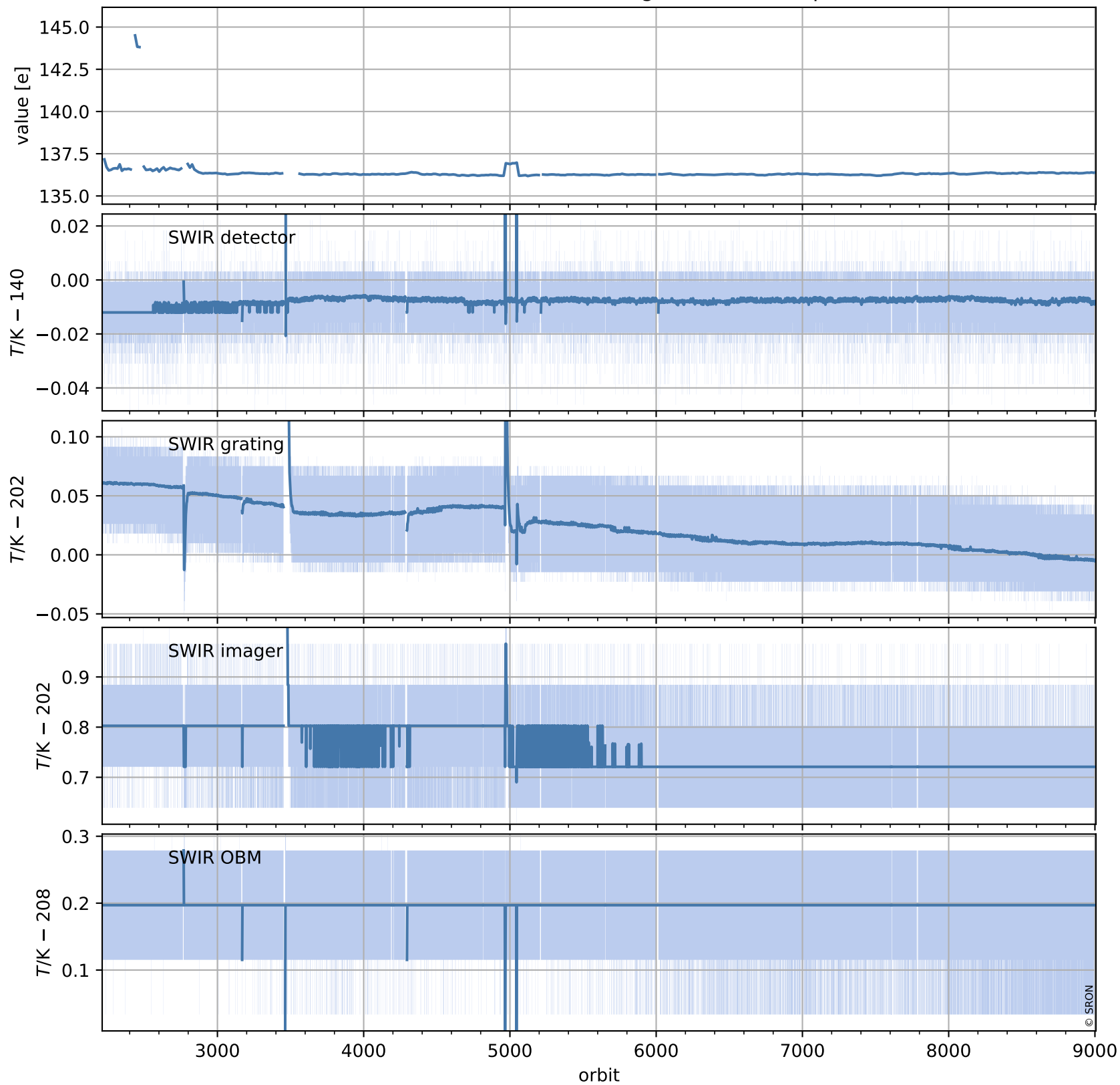
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9007]
coverage : 2018-03-18 / 2019-07-09
created : 2023-08-21T15:00:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9007]
coverage : 2018-03-18 / 2019-07-09
created : 2023-08-21T15:00:52

trend of normalized read-noise & temperatures

