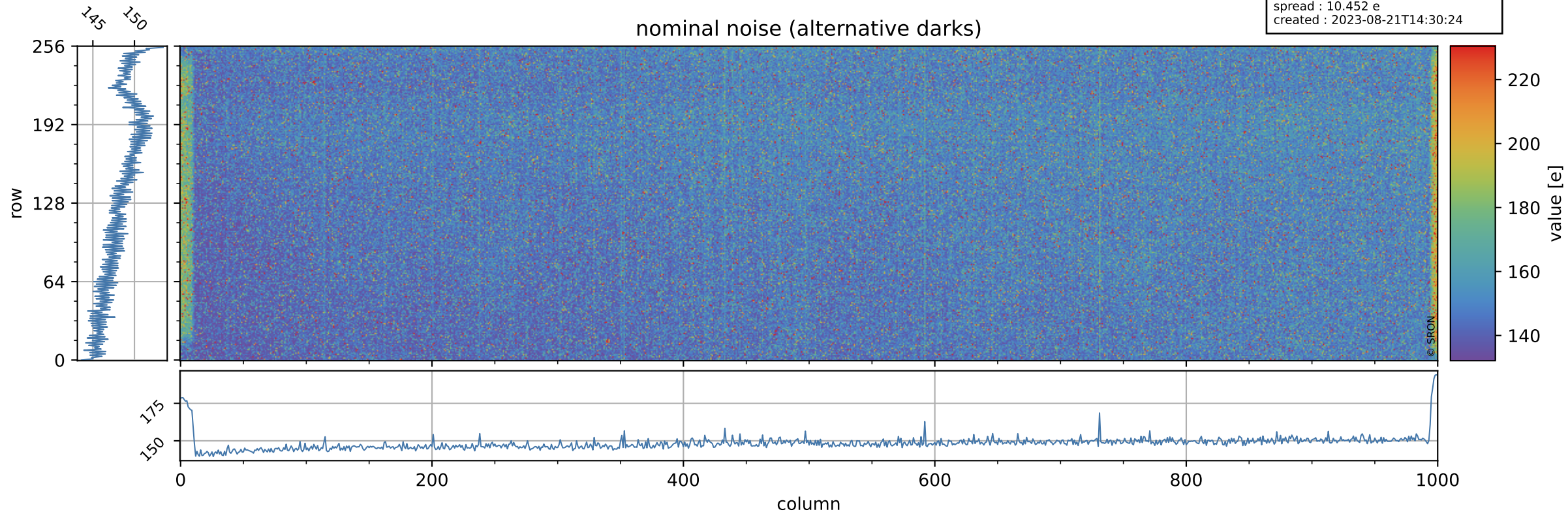


Tropomi SWIR background noise (swir)

orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.452 e
created : 2023-08-21T14:30:24

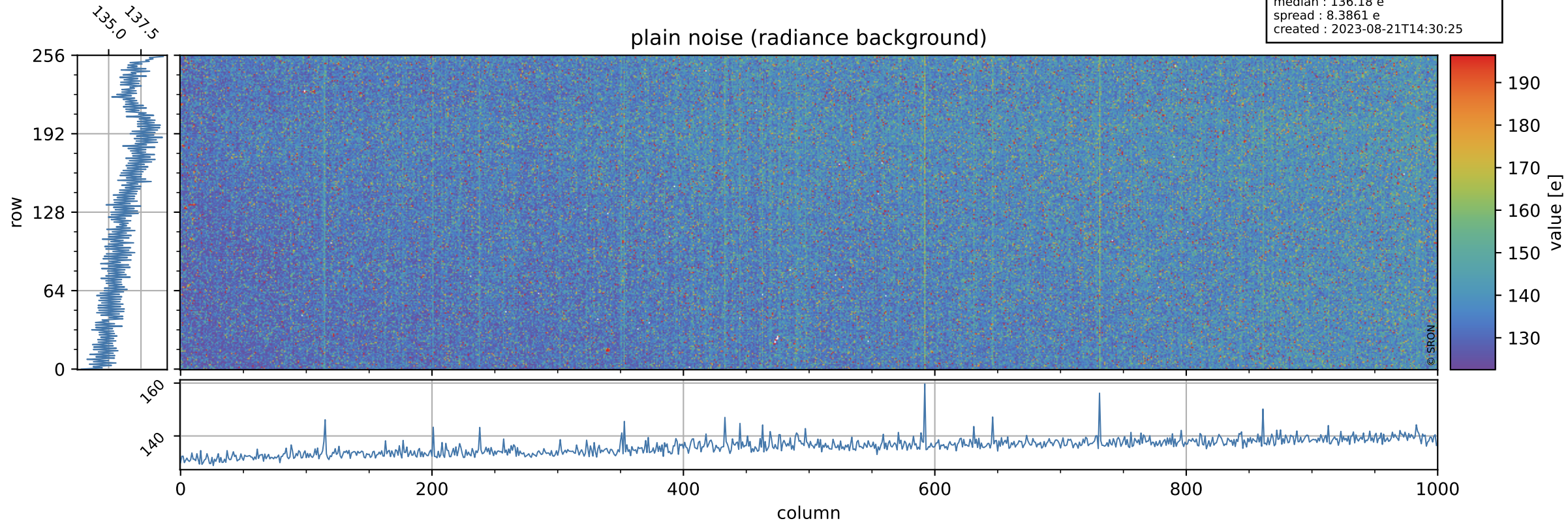
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.3861 e
created : 2023-08-21T14:30:25

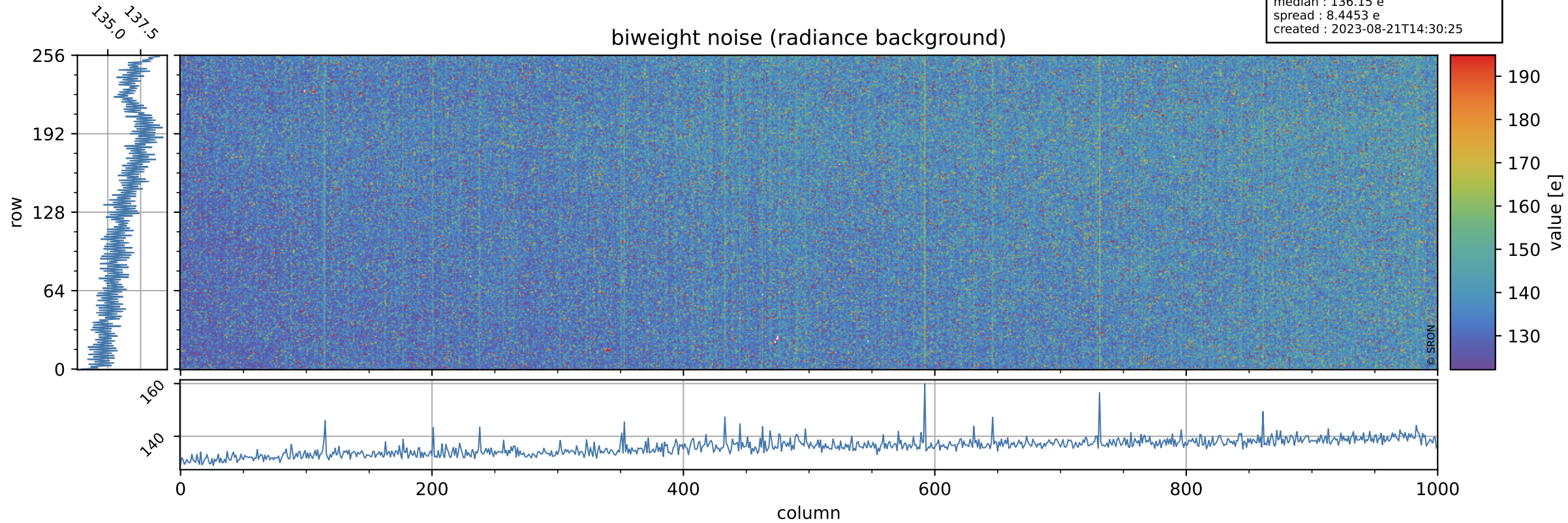
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.4453 e
created : 2023-08-21T14:30:25

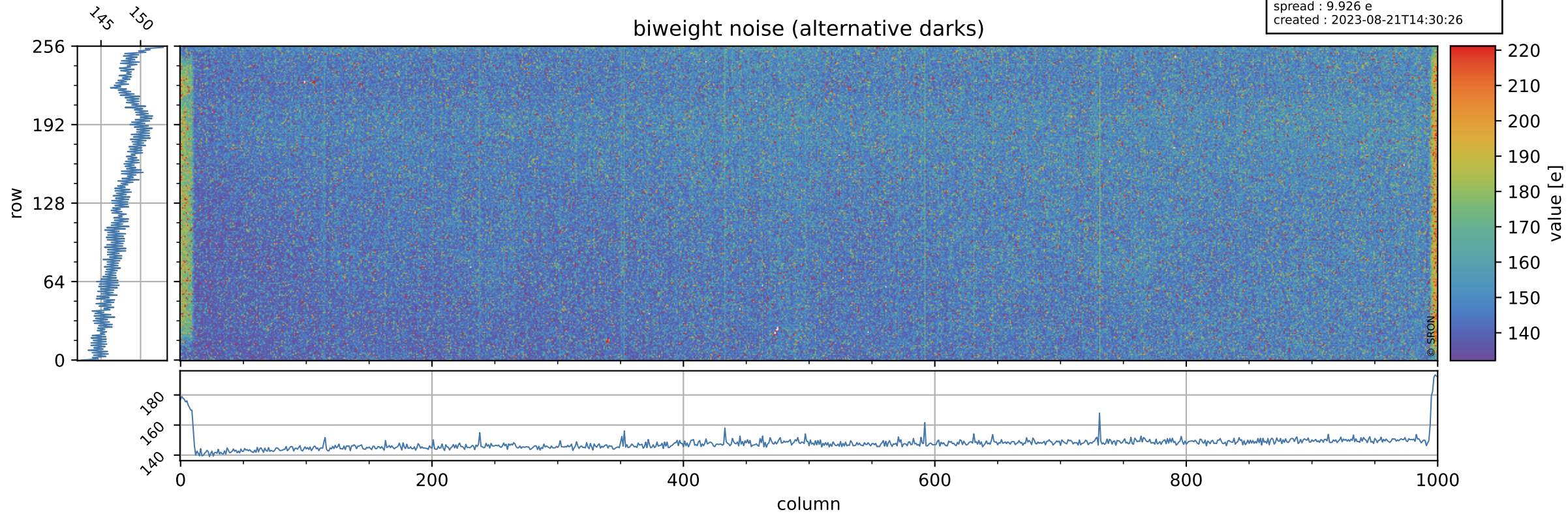
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.926 e
created : 2023-08-21T14:30:26

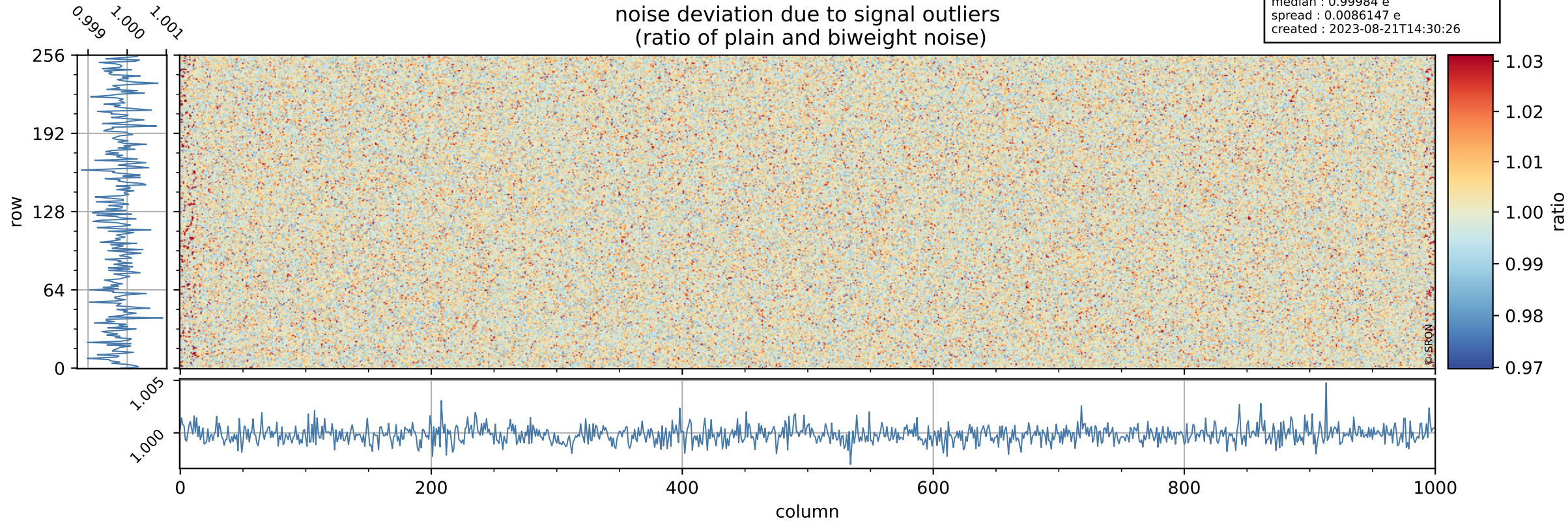
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

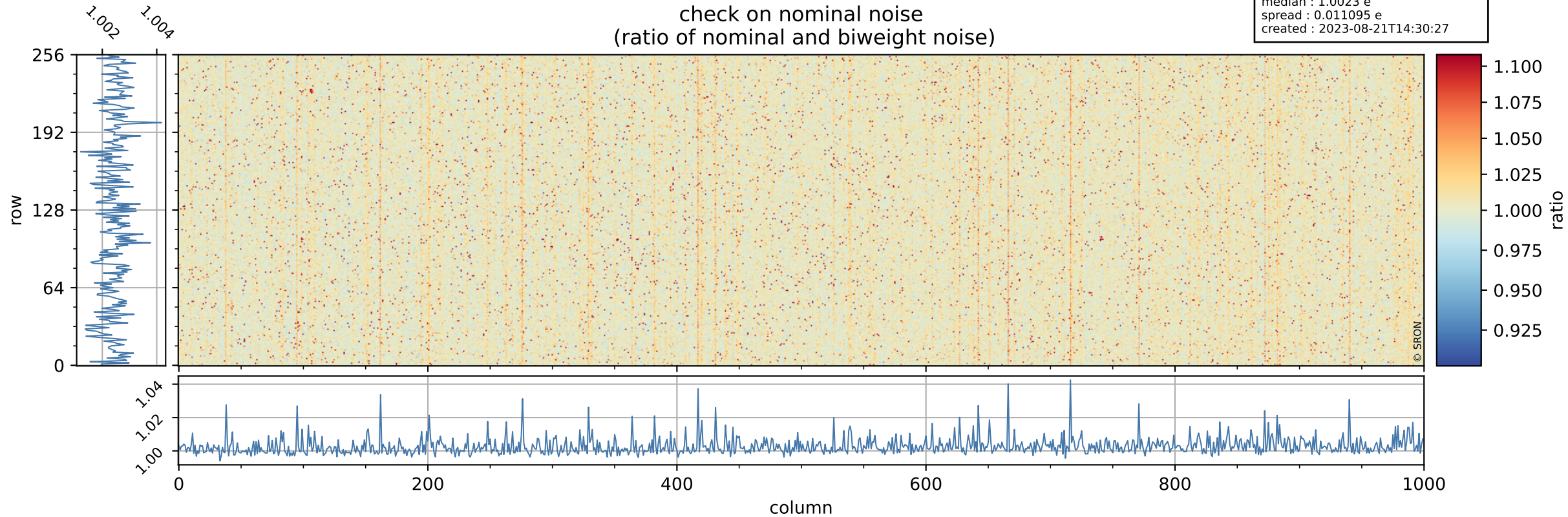
orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
median : 0.99984 e
spread : 0.0086147 e
created : 2023-08-21T14:30:26



Tropomi SWIR background noise (swir)

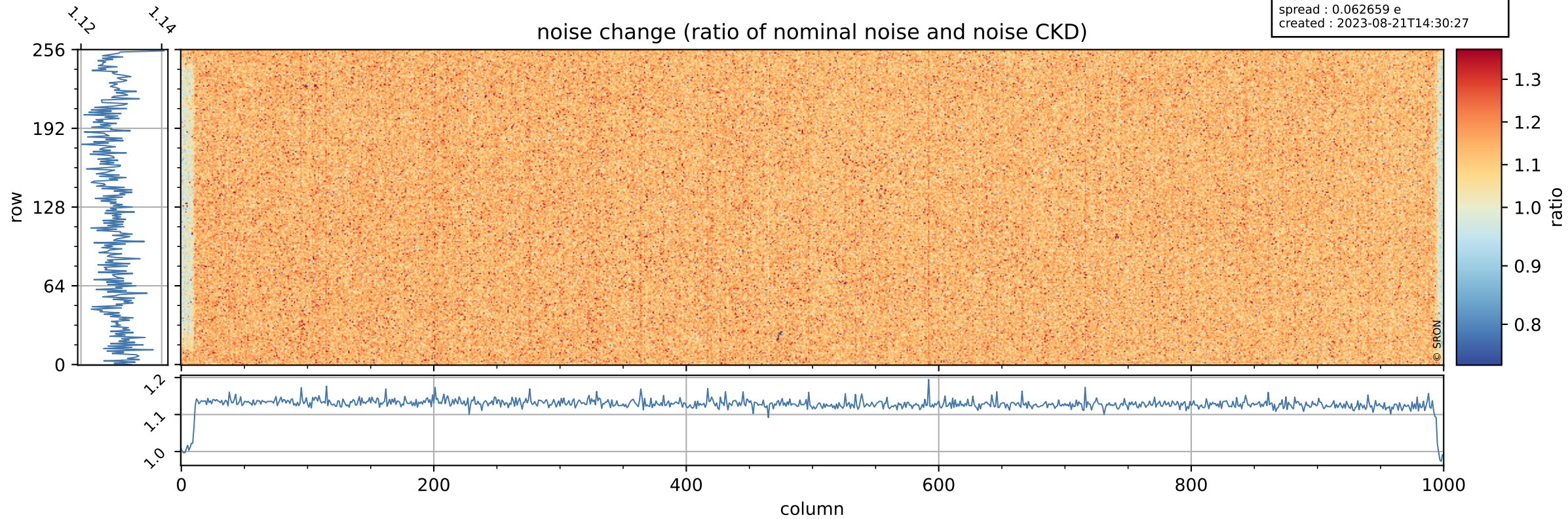
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
median : 1.0023 e
spread : 0.011095 e
created : 2023-08-21T14:30:27



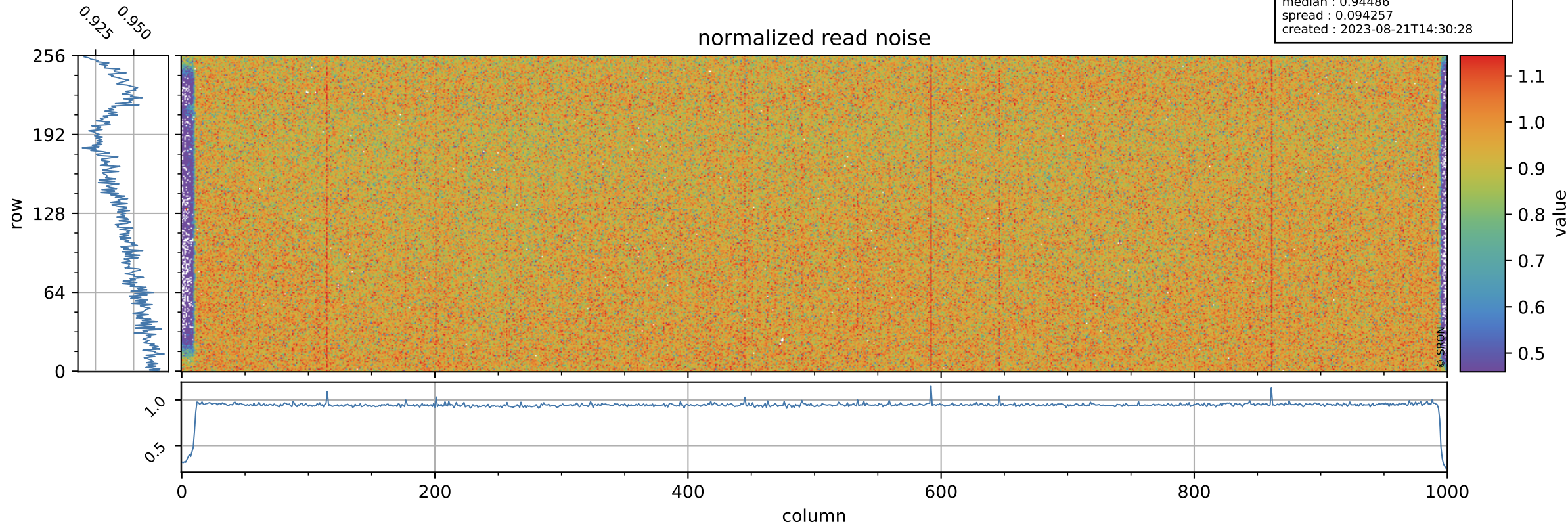
Tropomi SWIR background noise (swir)

orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
median : 1.1279 e
spread : 0.062659 e
created : 2023-08-21T14:30:27



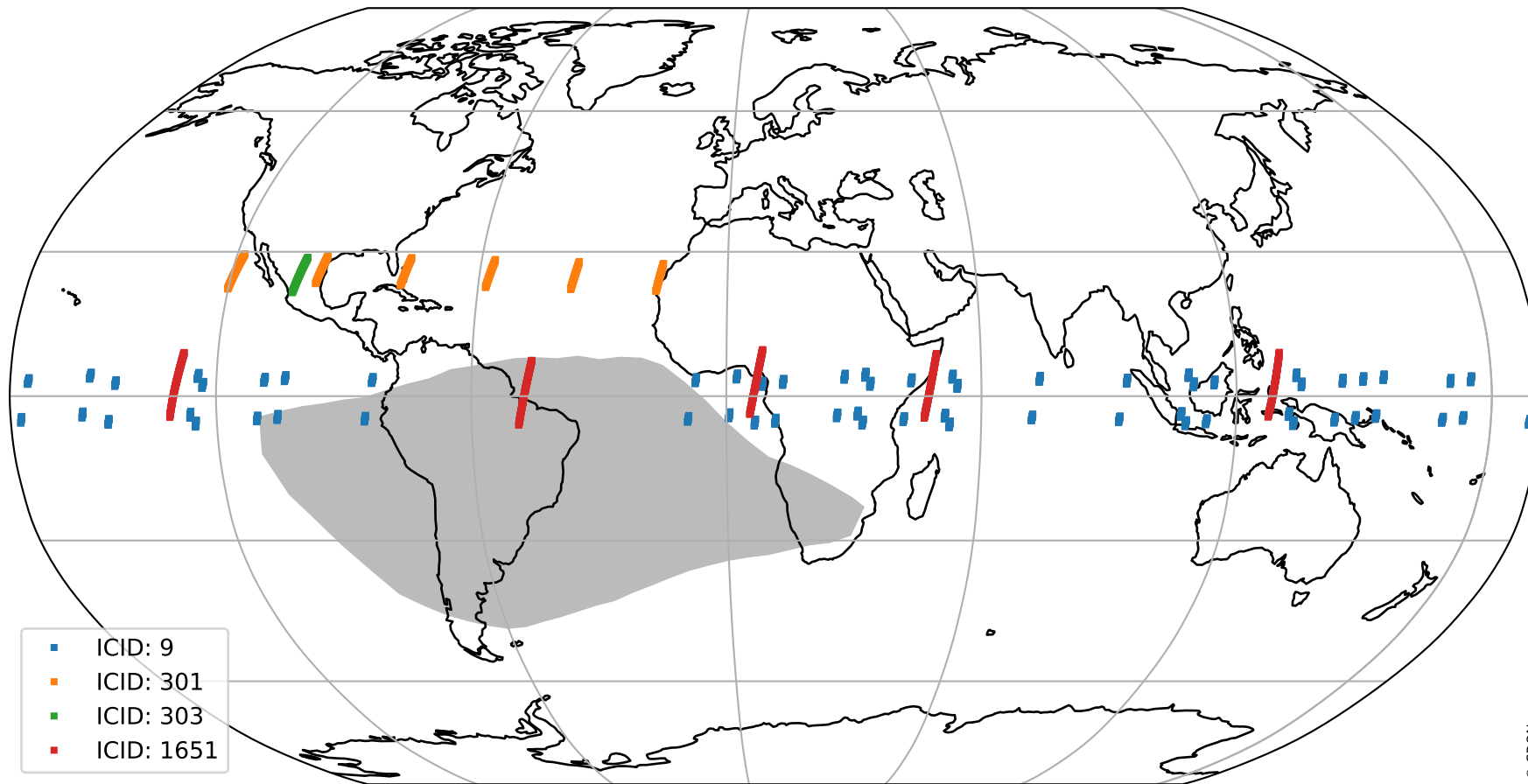
Tropomi SWIR background noise (swir)

orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
median : 0.94486
spread : 0.094257
created : 2023-08-21T14:30:28



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

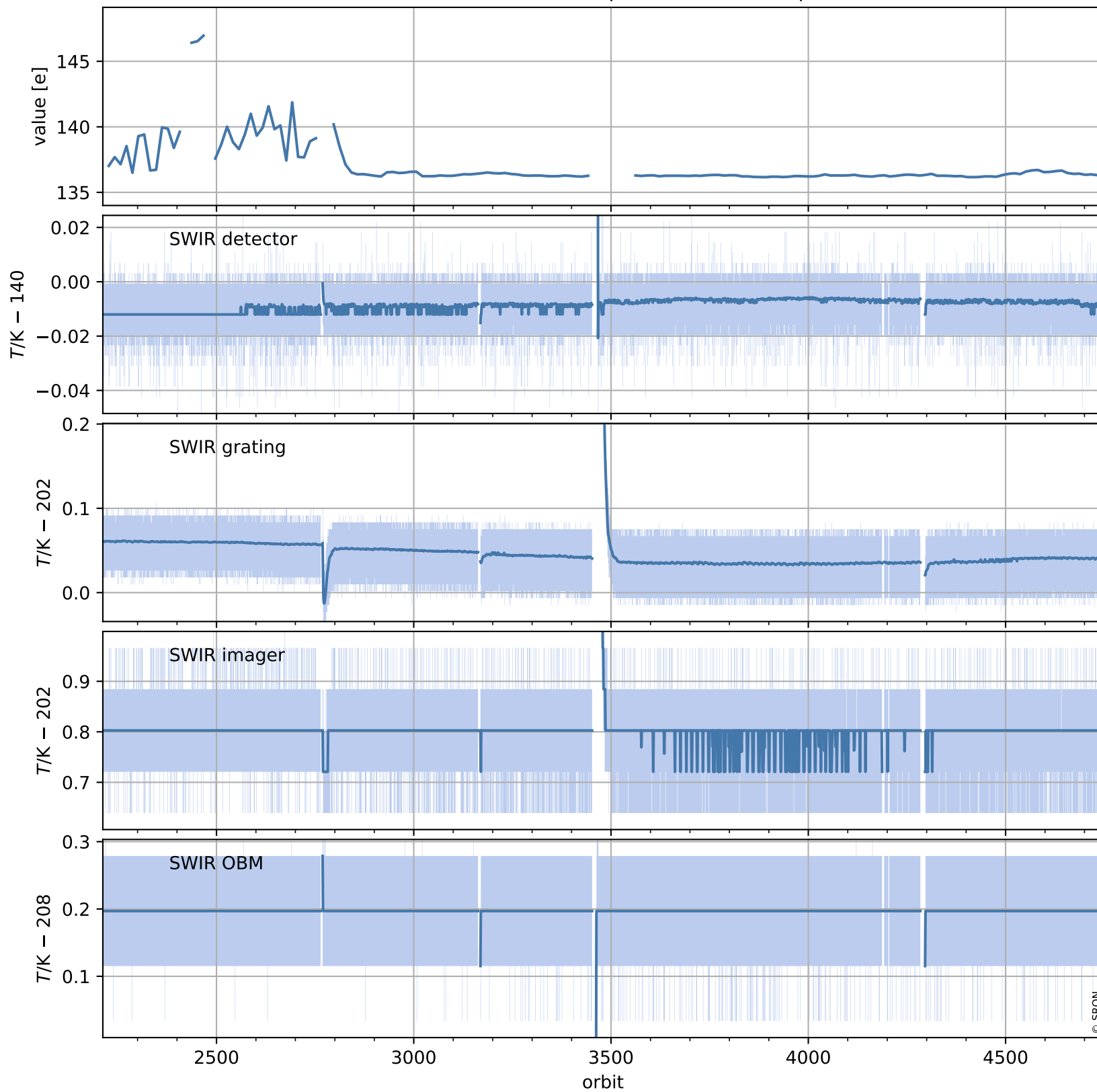
orbits : 12 in [4657, 4747]
coverage : 2018-09-07 / 2018-09-13
created : 2023-08-21T14:30:28



Tropomi SWIR background noise (swir)

orbits : [2212, 4747]
coverage : 2018-03-18 / 2018-09-13
created : 2023-08-21T14:30:28

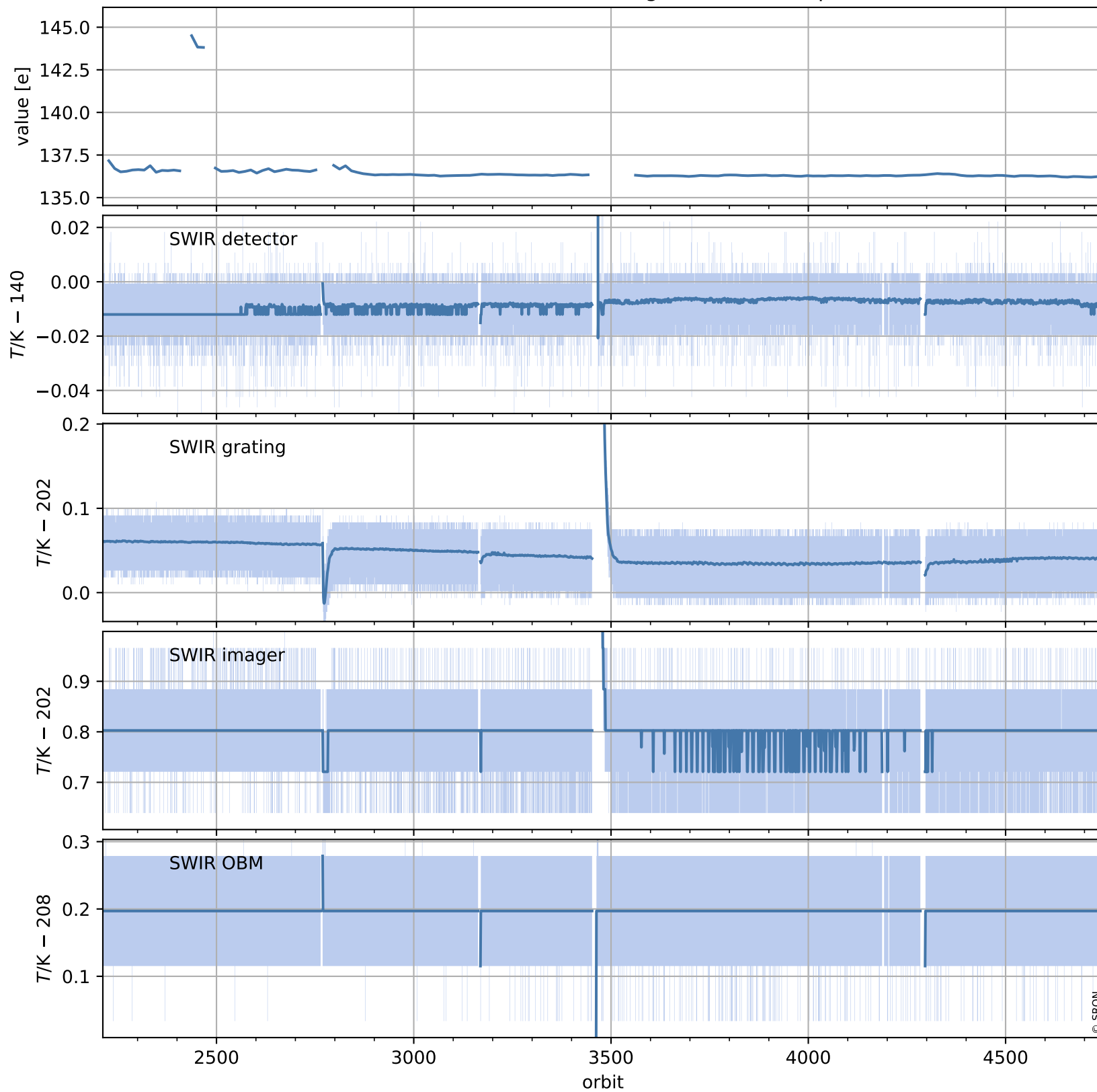
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4747]
coverage : 2018-03-18 / 2018-09-13
created : 2023-08-21T14:30:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4747]
coverage : 2018-03-18 / 2018-09-13
created : 2023-08-21T14:30:29

trend of normalized read-noise & temperatures

