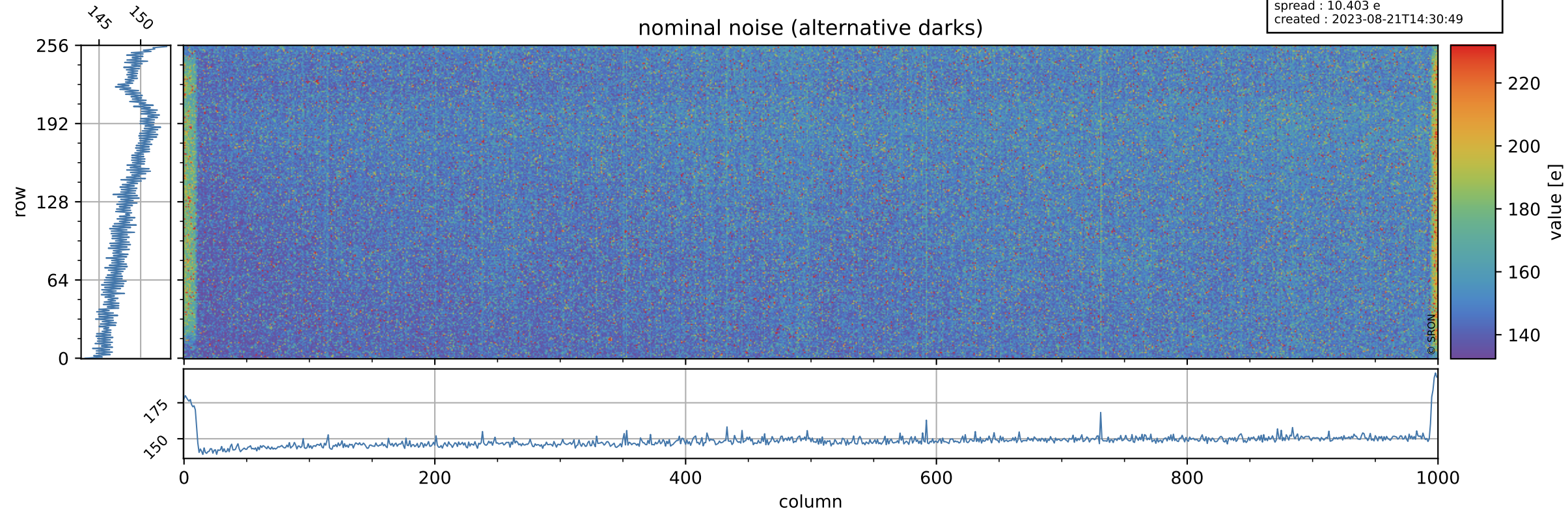


Tropomi SWIR background noise (swir)

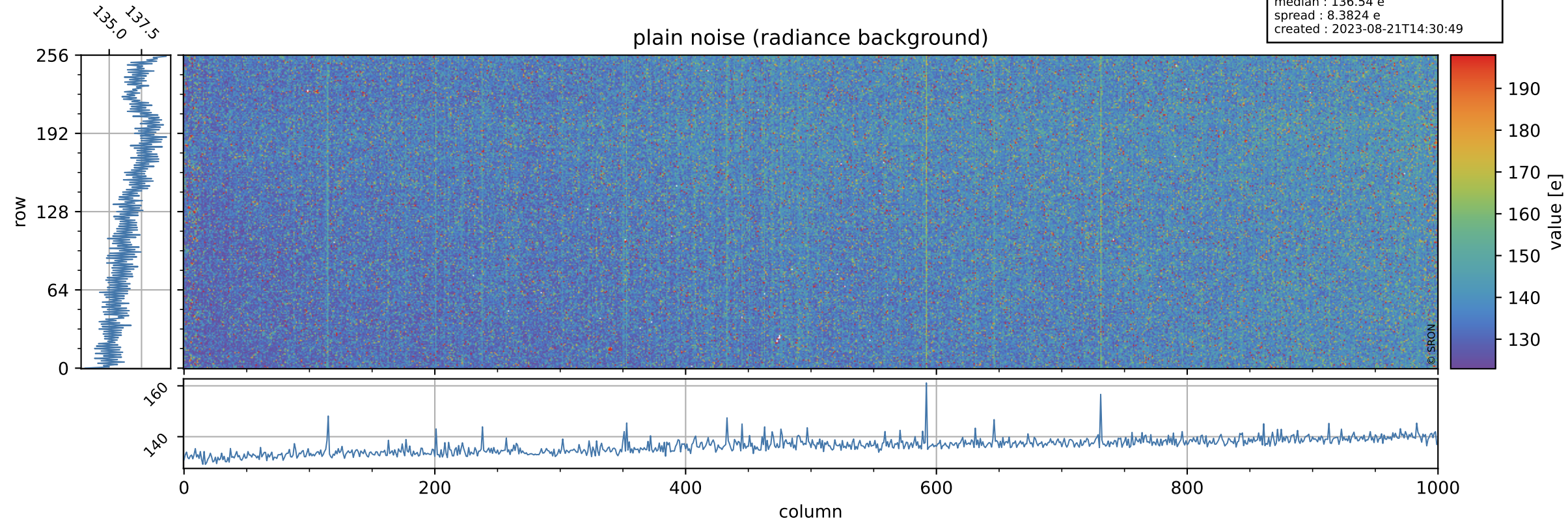
orbits : 12 in [4717, 4807]
coverage : 2018-09-11 / 2018-09-17
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.403 e
created : 2023-08-21T14:30:49

nominal noise (alternative darks)



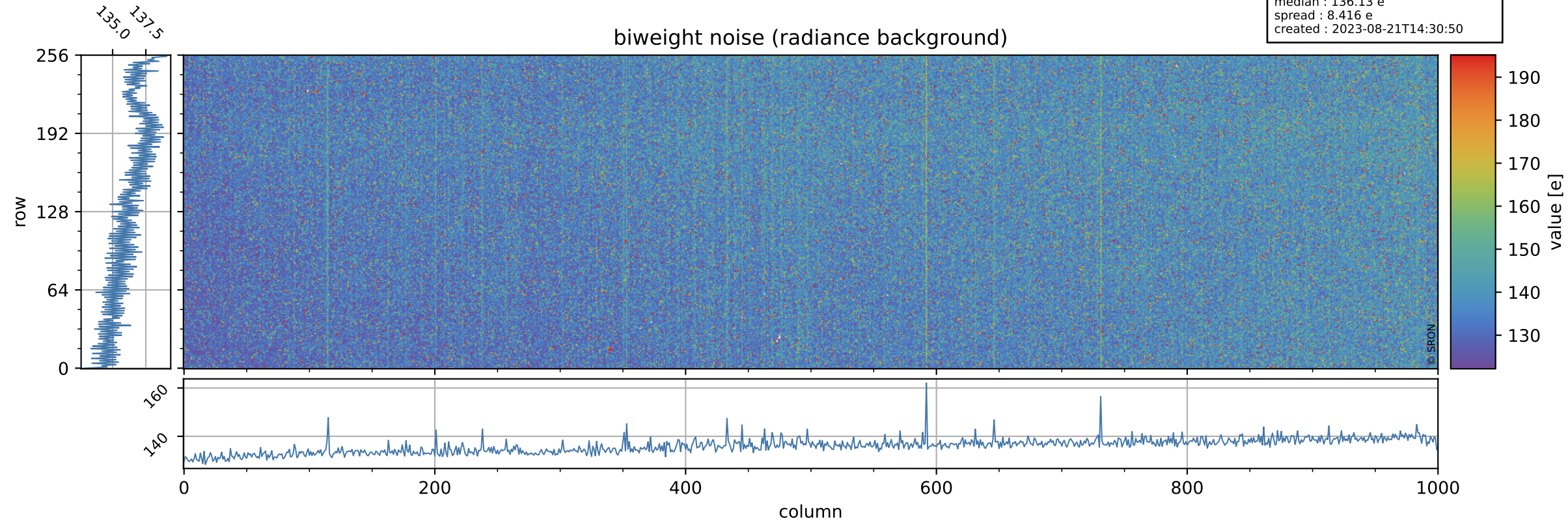
Tropomi SWIR background noise (swir)

plain noise (radiance background)



Tropomi SWIR background noise (swir)

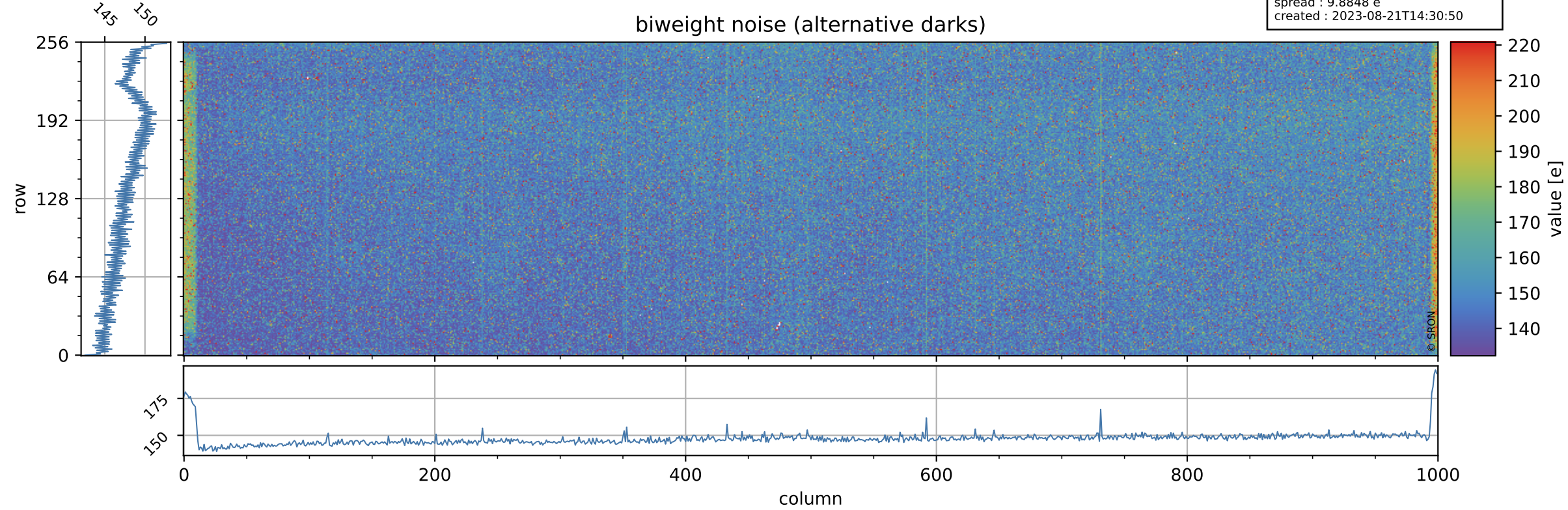
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4717, 4807]
coverage : 2018-09-11 / 2018-09-17
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8848 e
created : 2023-08-21T14:30:50

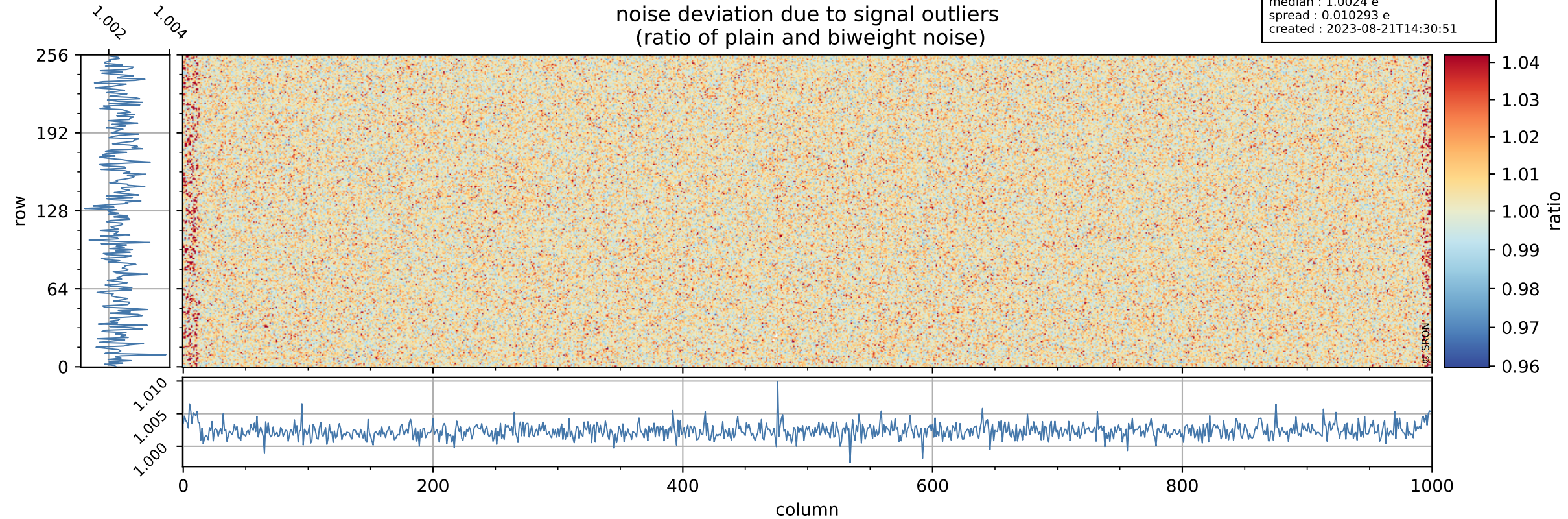
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

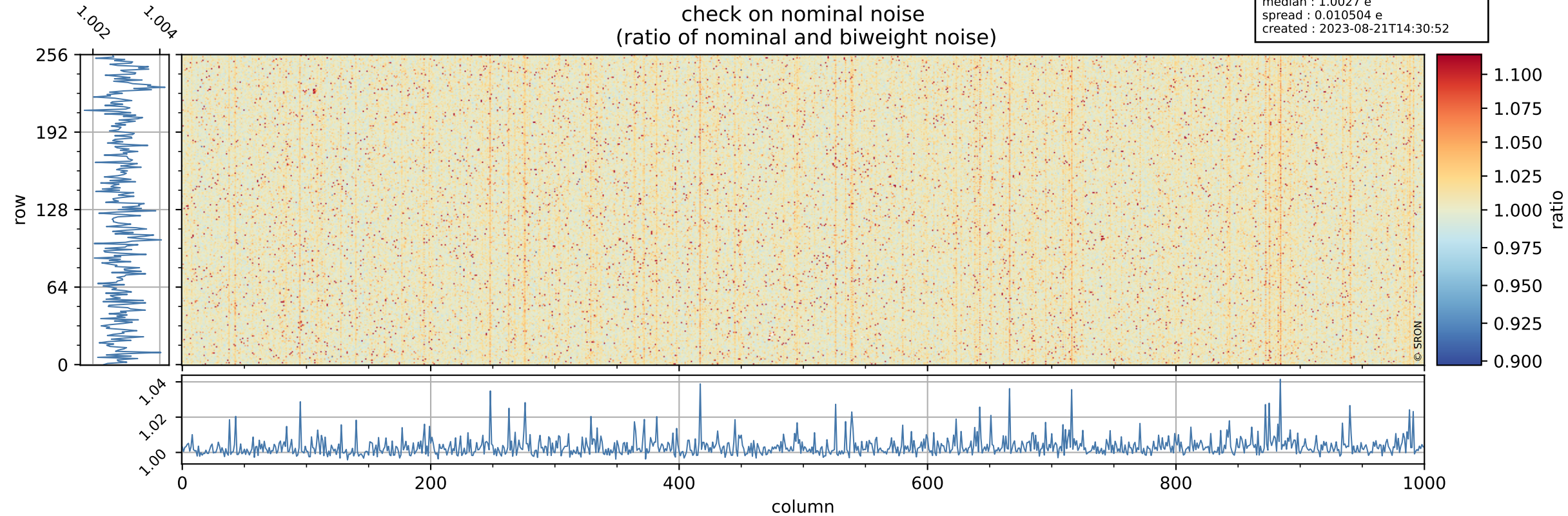
orbits : 12 in [4717, 4807]
coverage : 2018-09-11 / 2018-09-17
median : 1.0024 e
spread : 0.010293 e
created : 2023-08-21T14:30:51



Tropomi SWIR background noise (swir)

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

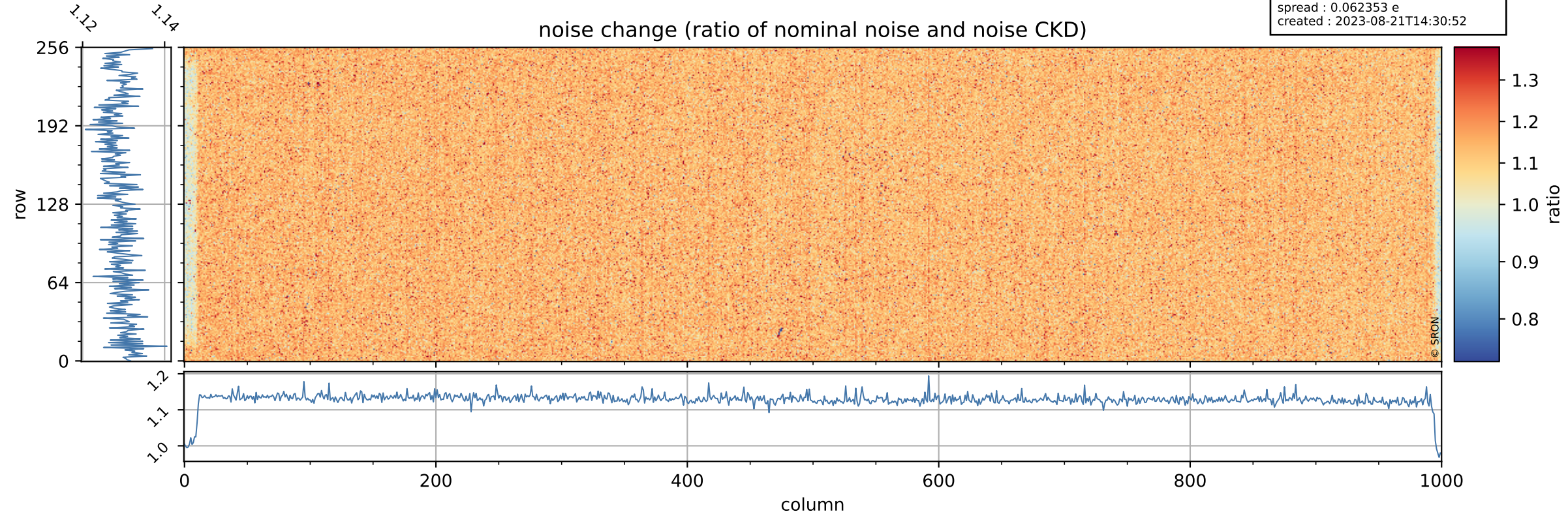
orbits : 12 in [4717, 4807]
coverage : 2018-09-11 / 2018-09-17
median : 1.0027 e
spread : 0.010504 e
created : 2023-08-21T14:30:52



Tropomi SWIR background noise (swir)

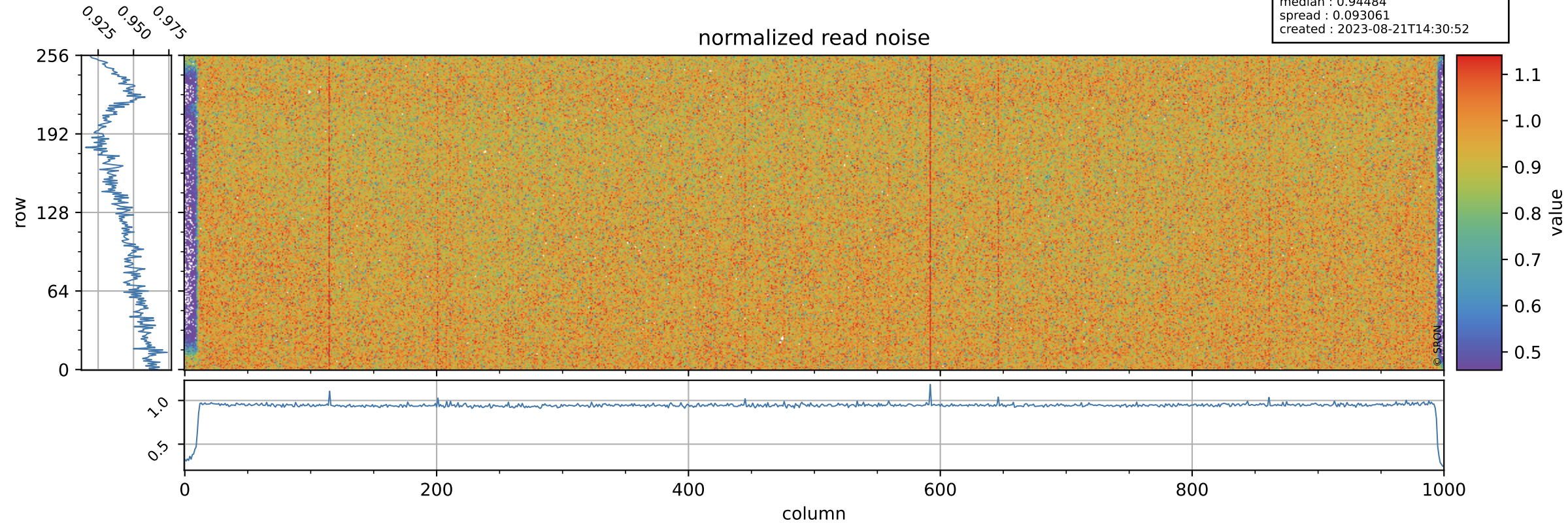
orbits : 12 in [4717, 4807]
coverage : 2018-09-11 / 2018-09-17
median : 1.1286 e
spread : 0.062353 e
created : 2023-08-21T14:30:52

noise change (ratio of nominal noise and noise CKD)



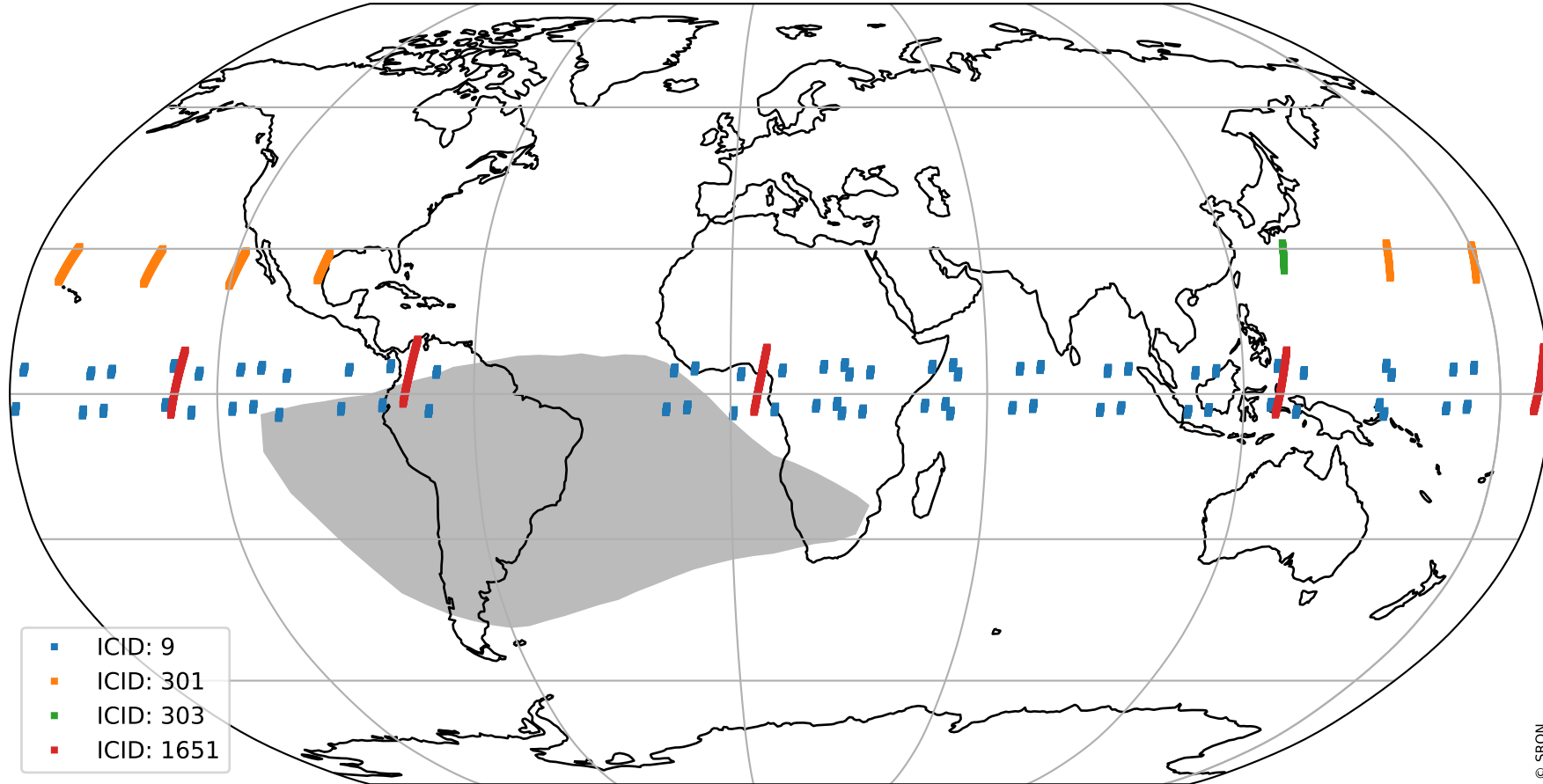
Tropomi SWIR background noise (swir)

orbits : 12 in [4717, 4807]
coverage : 2018-09-11 / 2018-09-17
median : 0.94484
spread : 0.093061
created : 2023-08-21T14:30:52



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

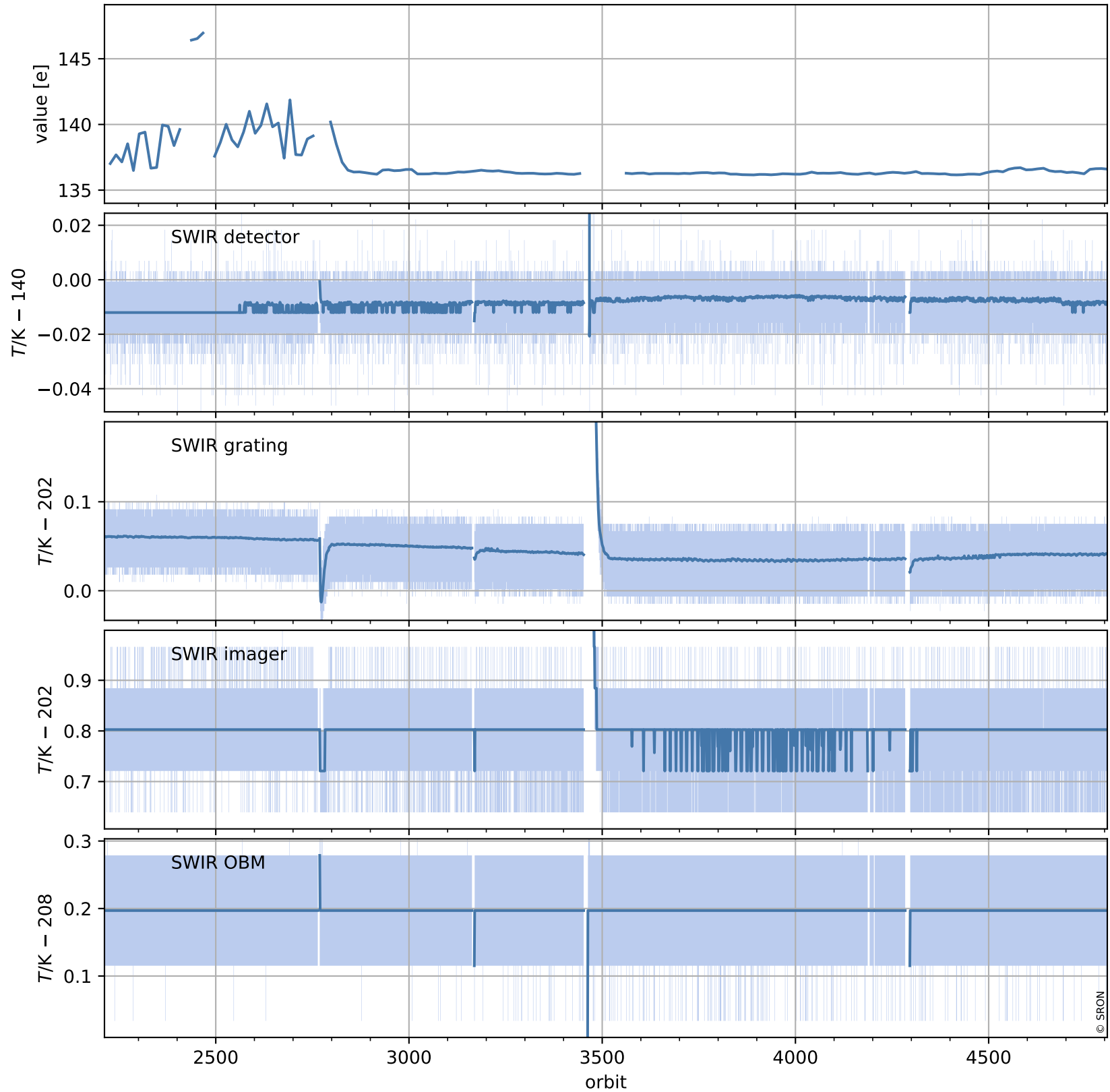
orbits : 12 in [4717, 4807]
coverage : 2018-09-11 / 2018-09-17
created : 2023-08-21T14:30:52



Tropomi SWIR background noise (swir)

orbits : [2212, 4807]
coverage : 2018-03-18 / 2018-09-17
created : 2023-08-21T14:30:53

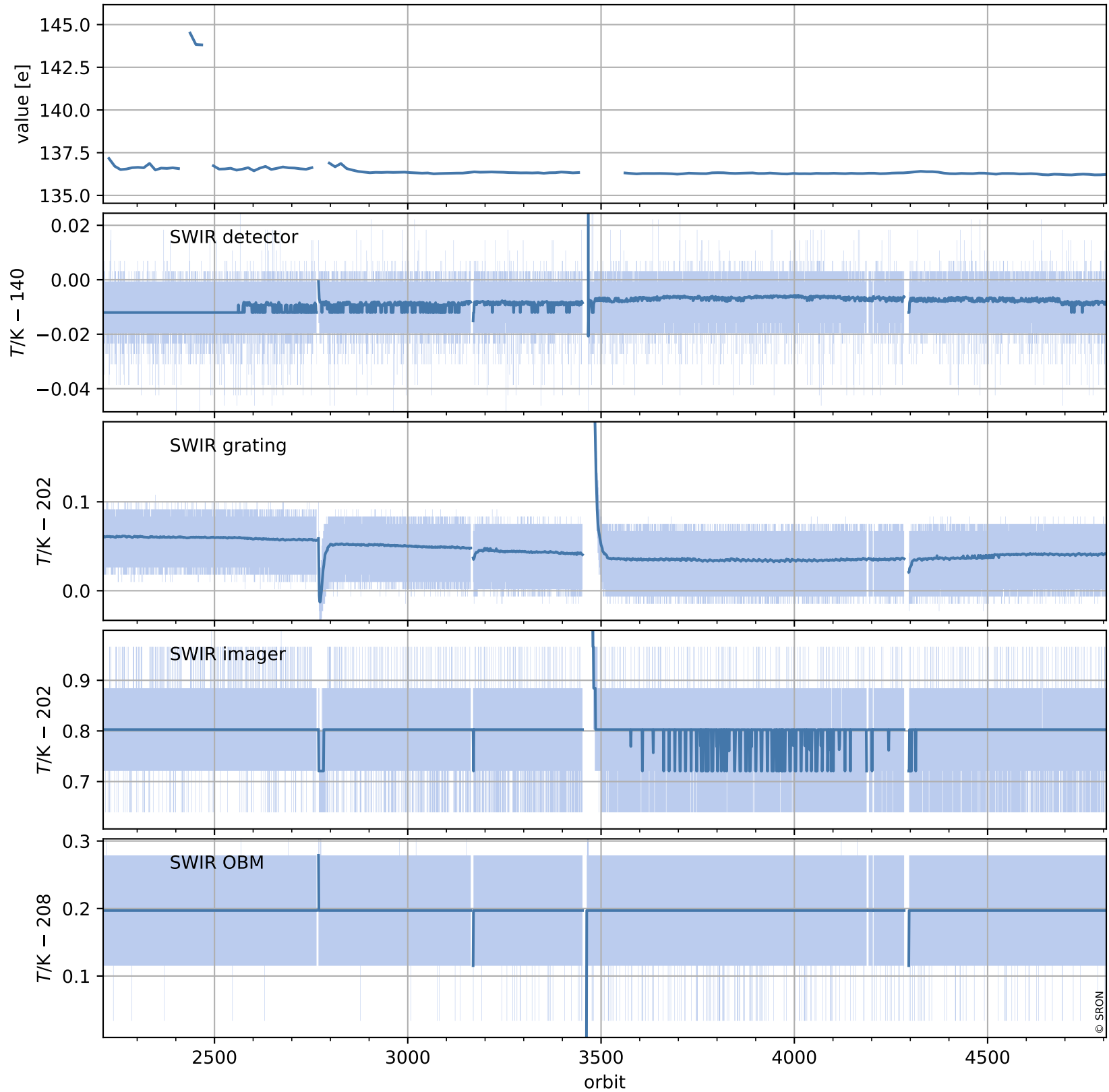
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4807]
coverage : 2018-03-18 / 2018-09-17
created : 2023-08-21T14:30:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4807]
coverage : 2018-03-18 / 2018-09-17
created : 2023-08-21T14:30:54

trend of normalized read-noise & temperatures

