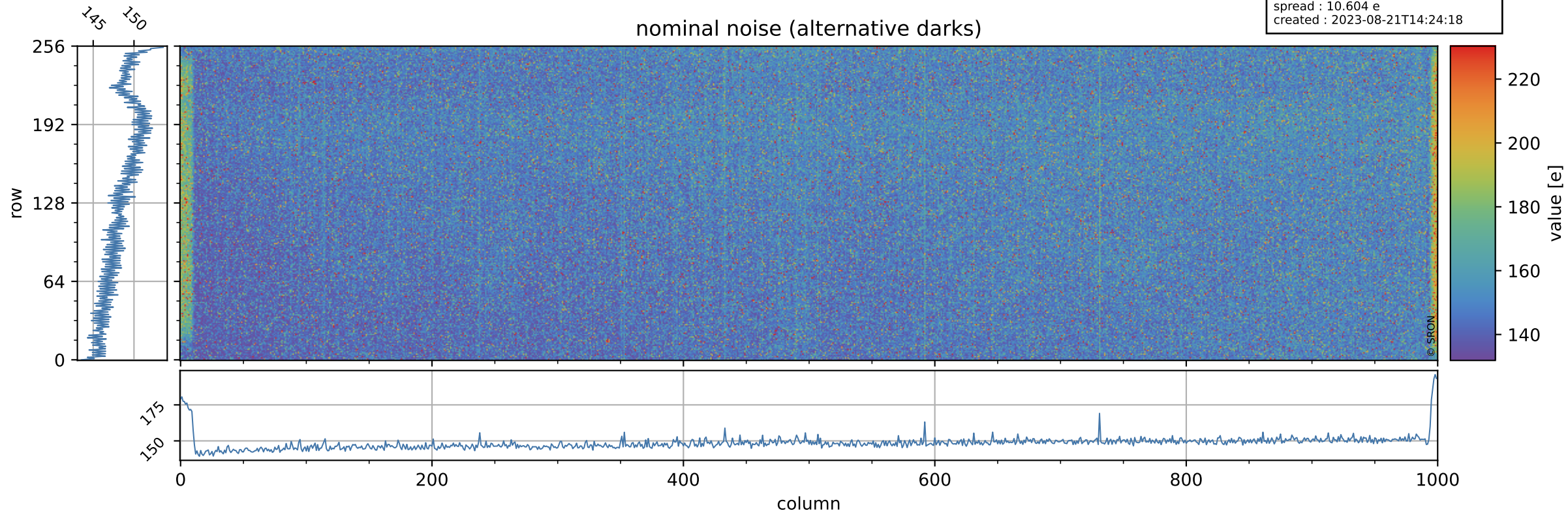


Tropomi SWIR background noise (swir)

orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.604 e
created : 2023-08-21T14:24:18

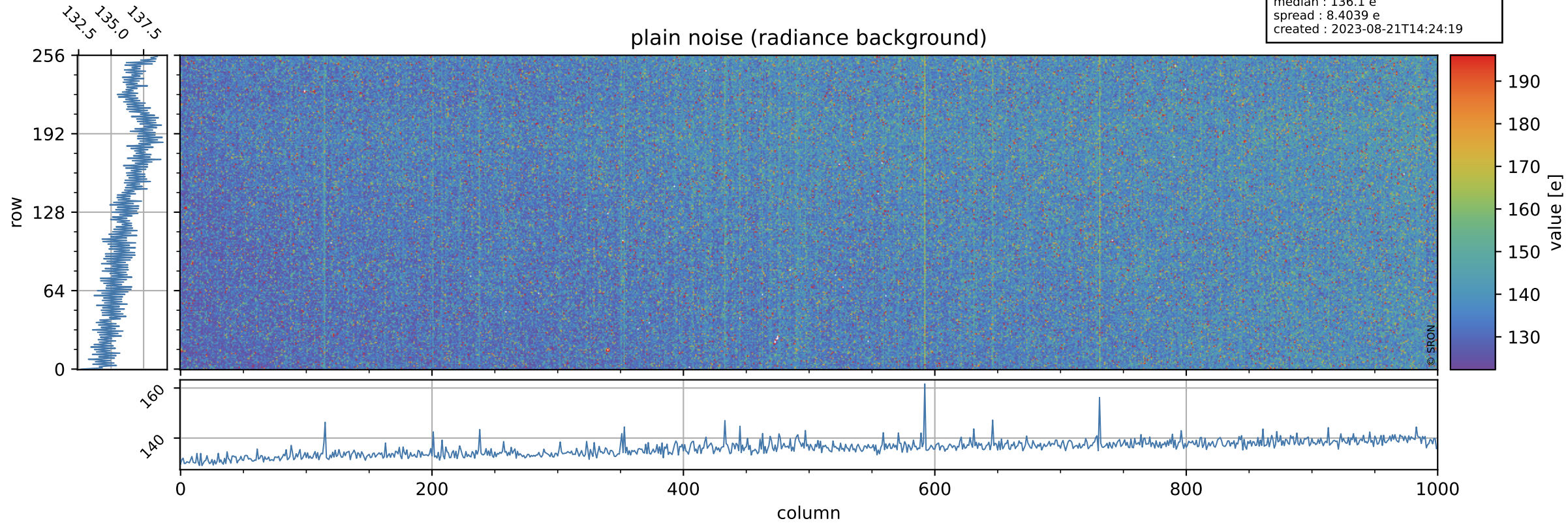
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
n_coad, t_exp : 2, 0.5383
median : 136.1 e
spread : 8.4039 e
created : 2023-08-21T14:24:19

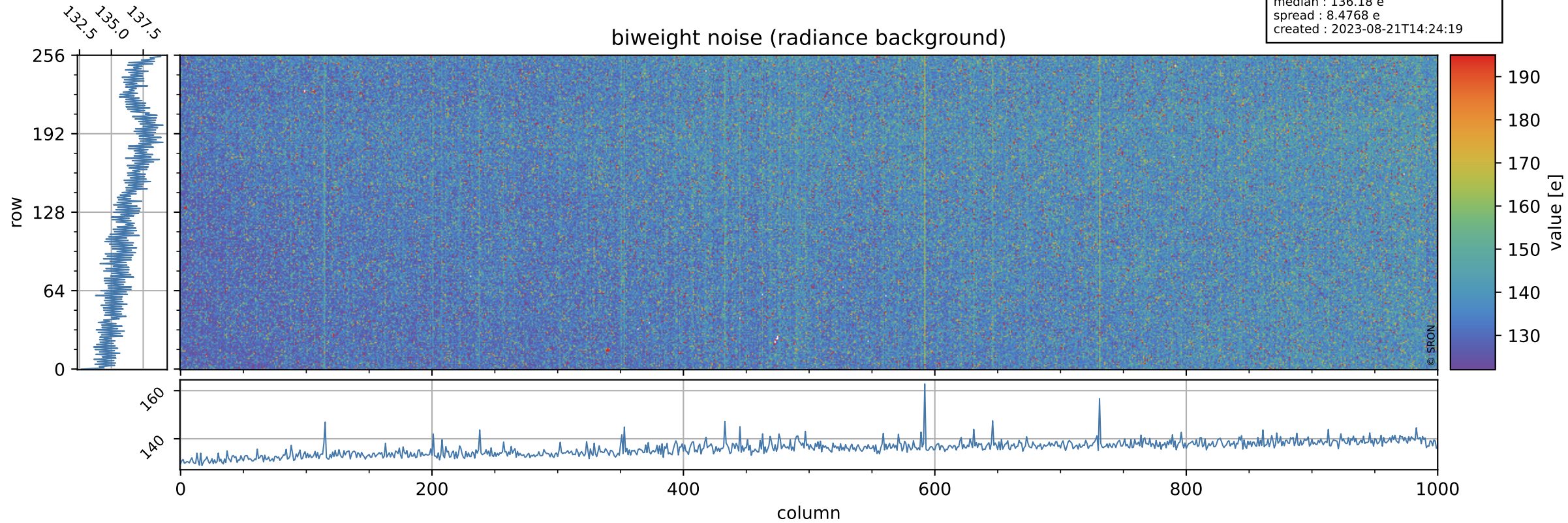
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4768 e
created : 2023-08-21T14:24:19

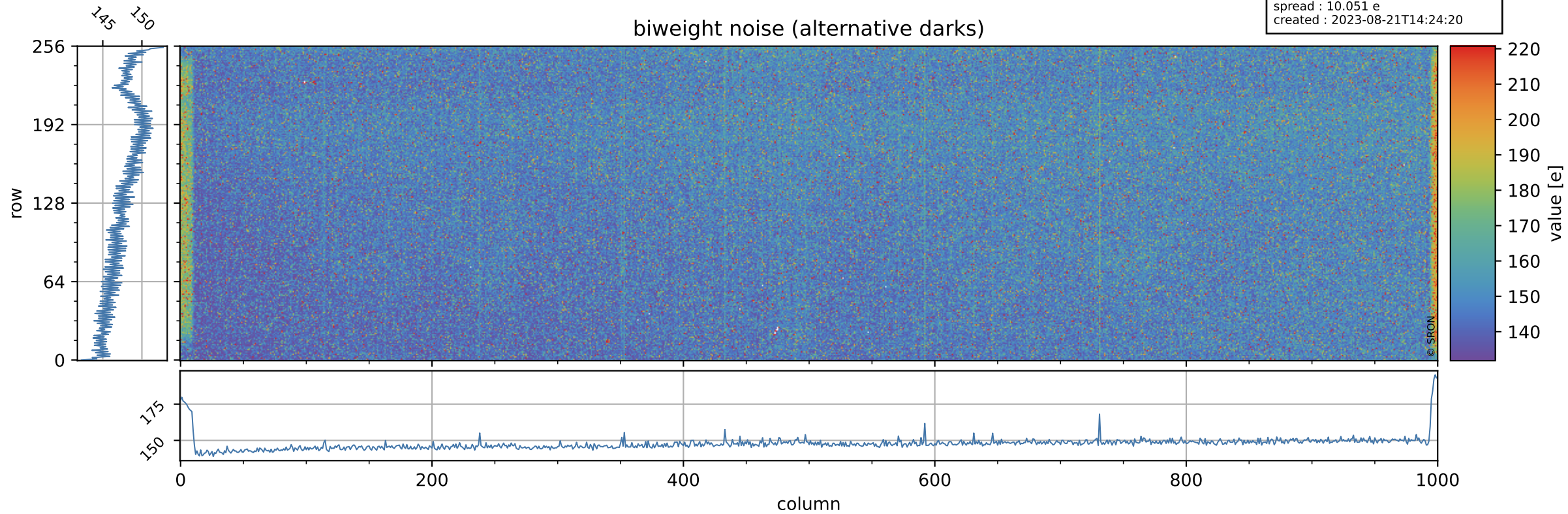
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 10.051 e
created : 2023-08-21T14:24:20

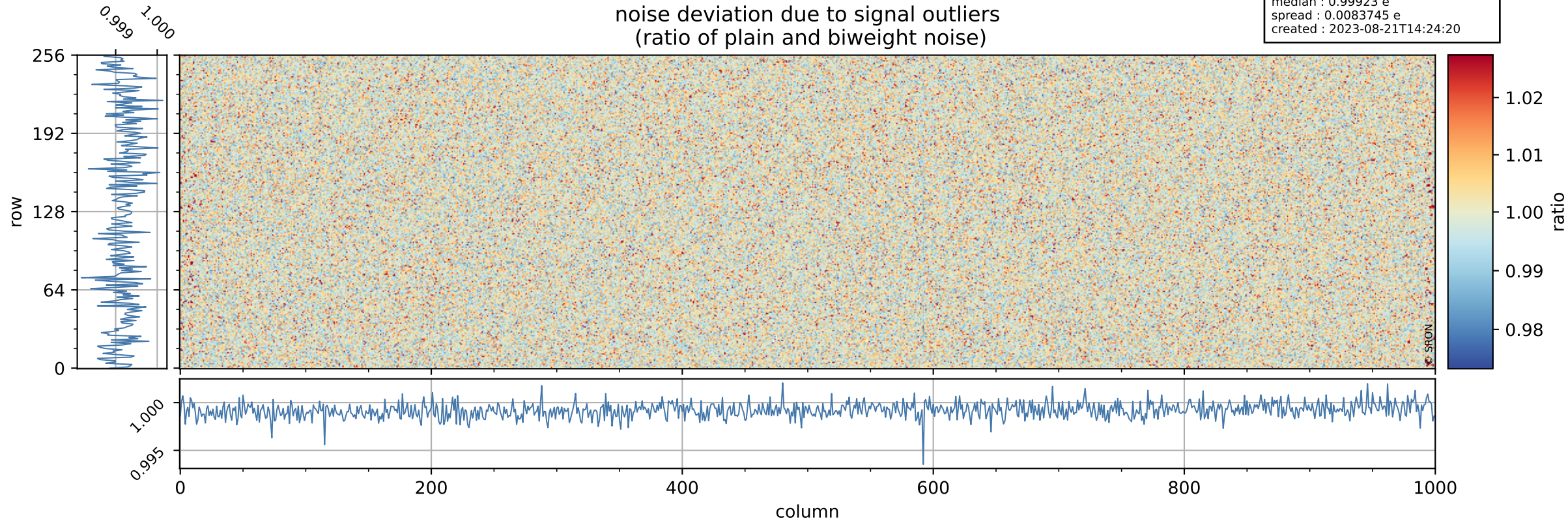
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

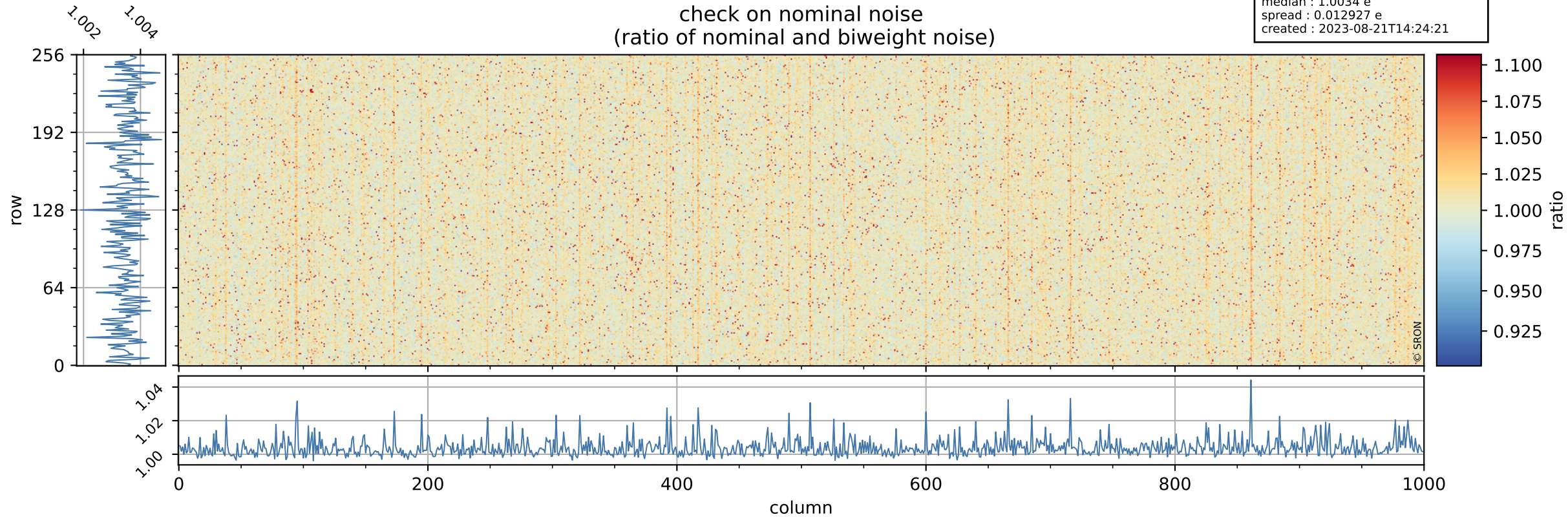
orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
median : 0.99923 e
spread : 0.0083745 e
created : 2023-08-21T14:24:20



Tropomi SWIR background noise (swir)

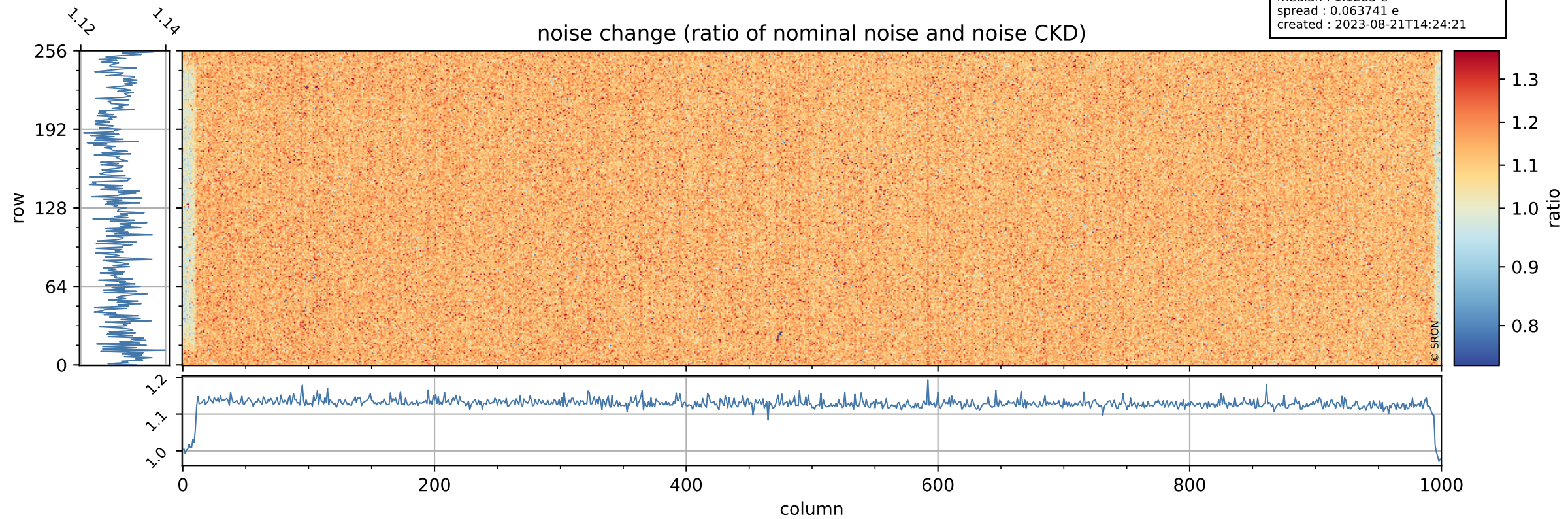
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
median : 1.0034 e
spread : 0.012927 e
created : 2023-08-21T14:24:21



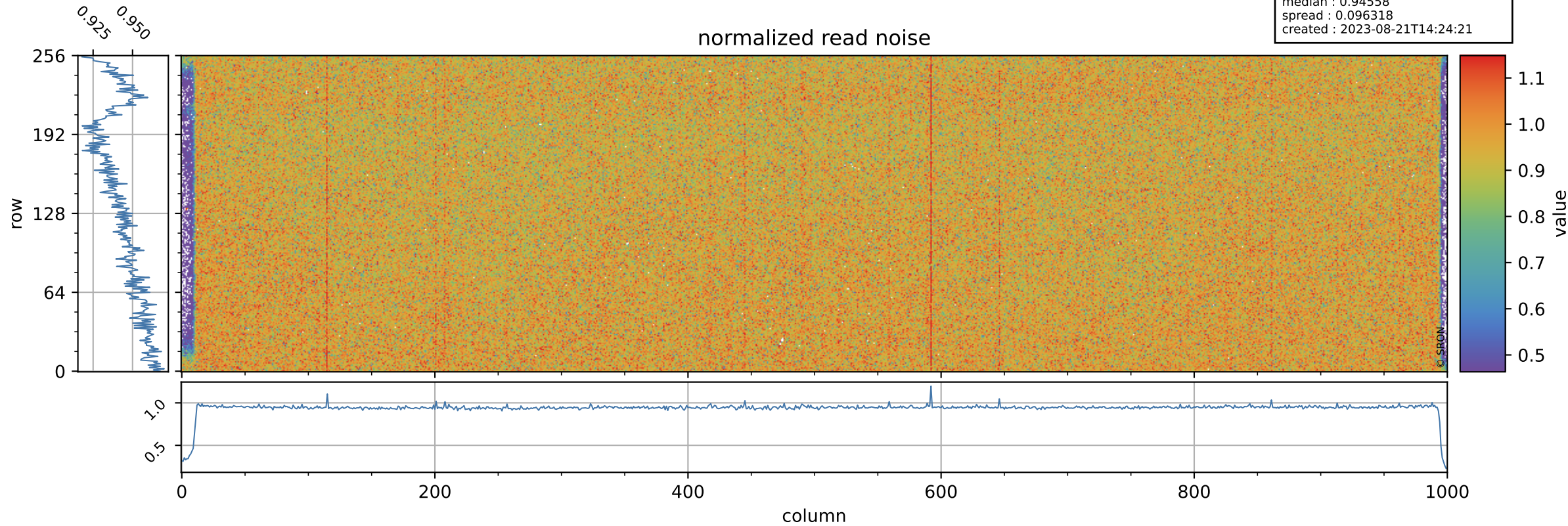
Tropomi SWIR background noise (swir)

orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
median : 1.1285 e
spread : 0.063741 e
created : 2023-08-21T14:24:21



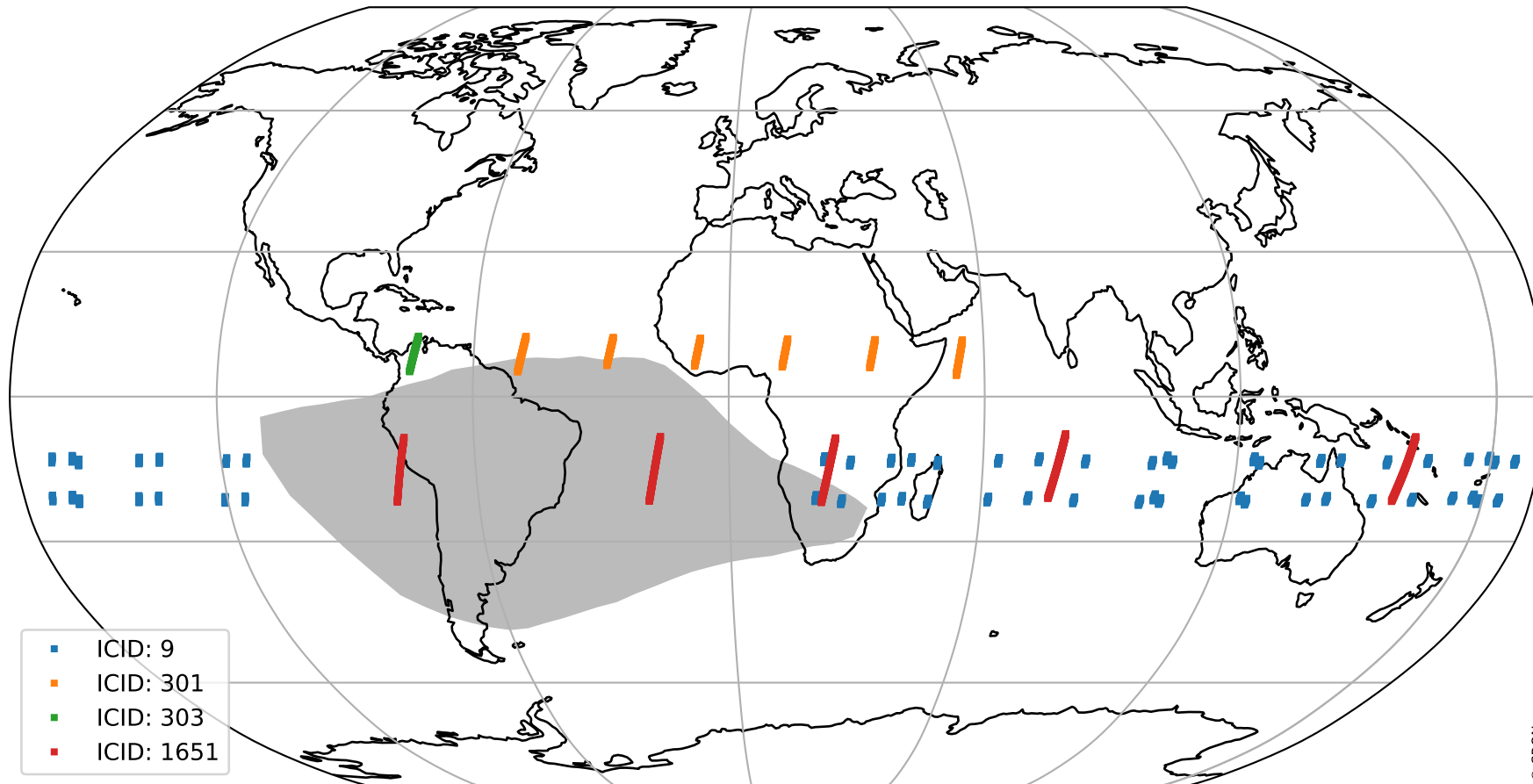
Tropomi SWIR background noise (swir)

orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
median : 0.94558
spread : 0.096318
created : 2023-08-21T14:24:21



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

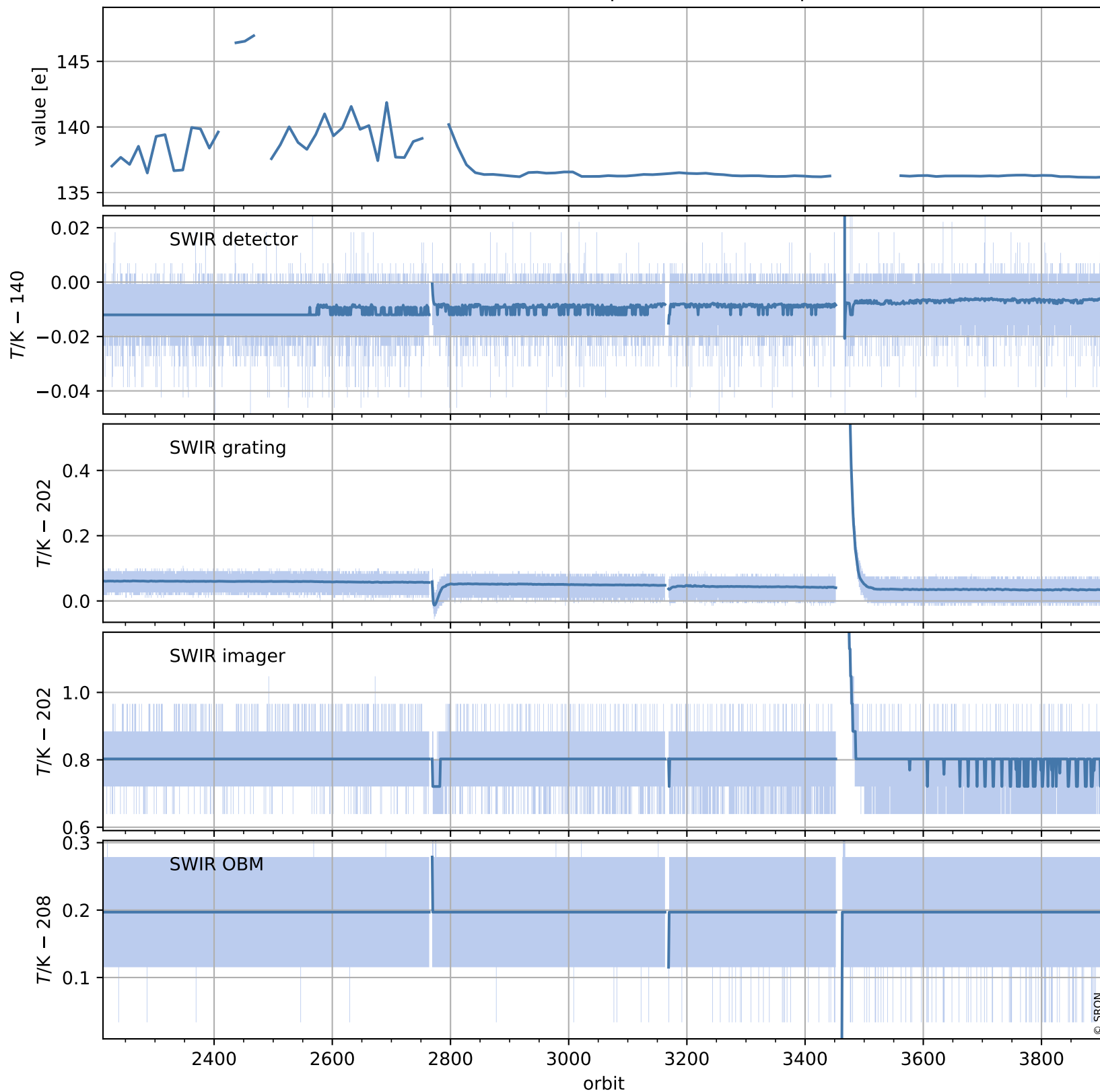
orbits : 12 in [3817, 3907]
coverage : 2018-07-09 / 2018-07-15
created : 2023-08-21T14:24:22



Tropomi SWIR background noise (swir)

orbits : [2212, 3907]
coverage : 2018-03-18 / 2018-07-15
created : 2023-08-21T14:24:22

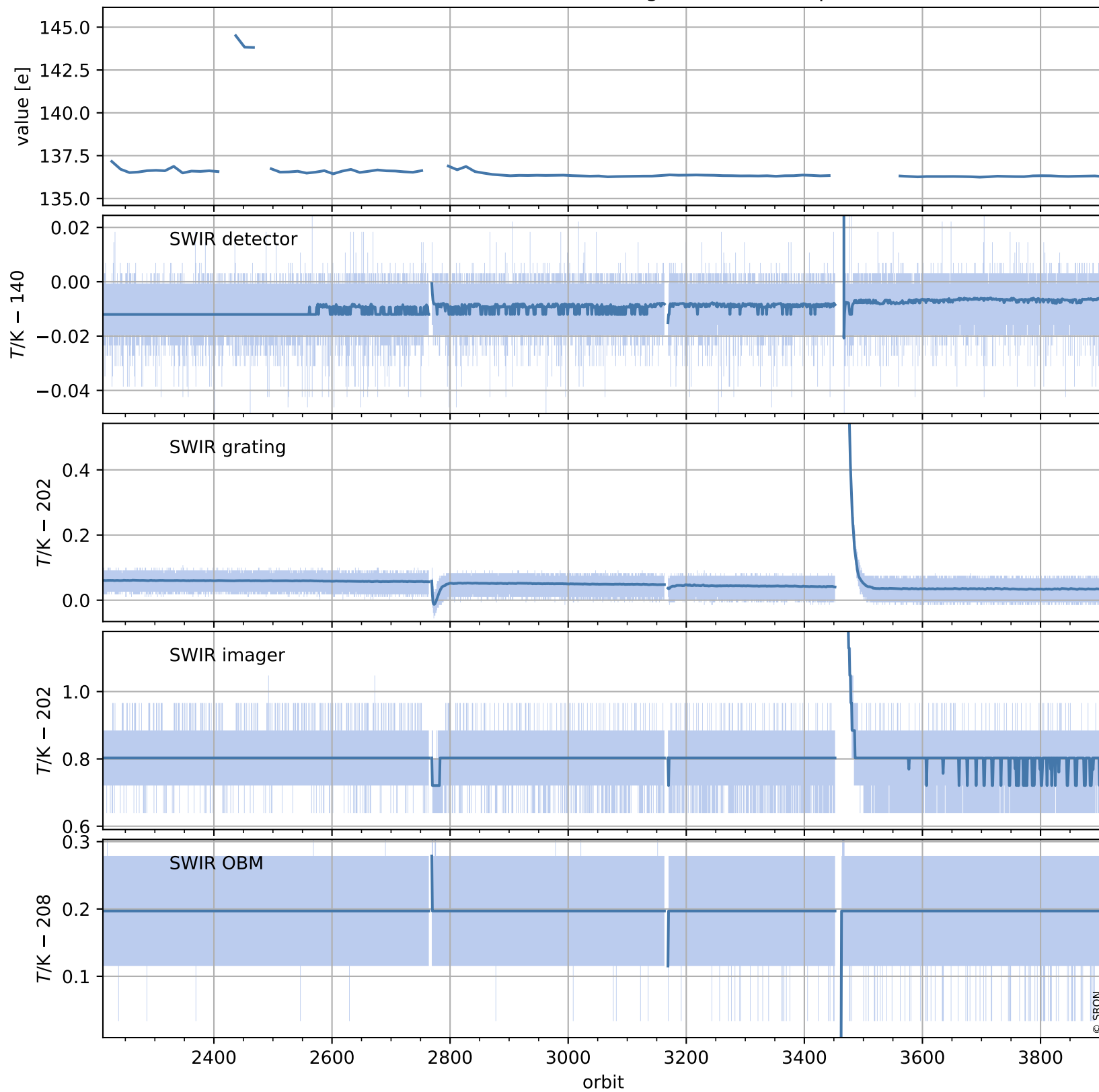
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3907]
coverage : 2018-03-18 / 2018-07-15
created : 2023-08-21T14:24:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3907]
coverage : 2018-03-18 / 2018-07-15
created : 2023-08-21T14:24:23

trend of normalized read-noise & temperatures

