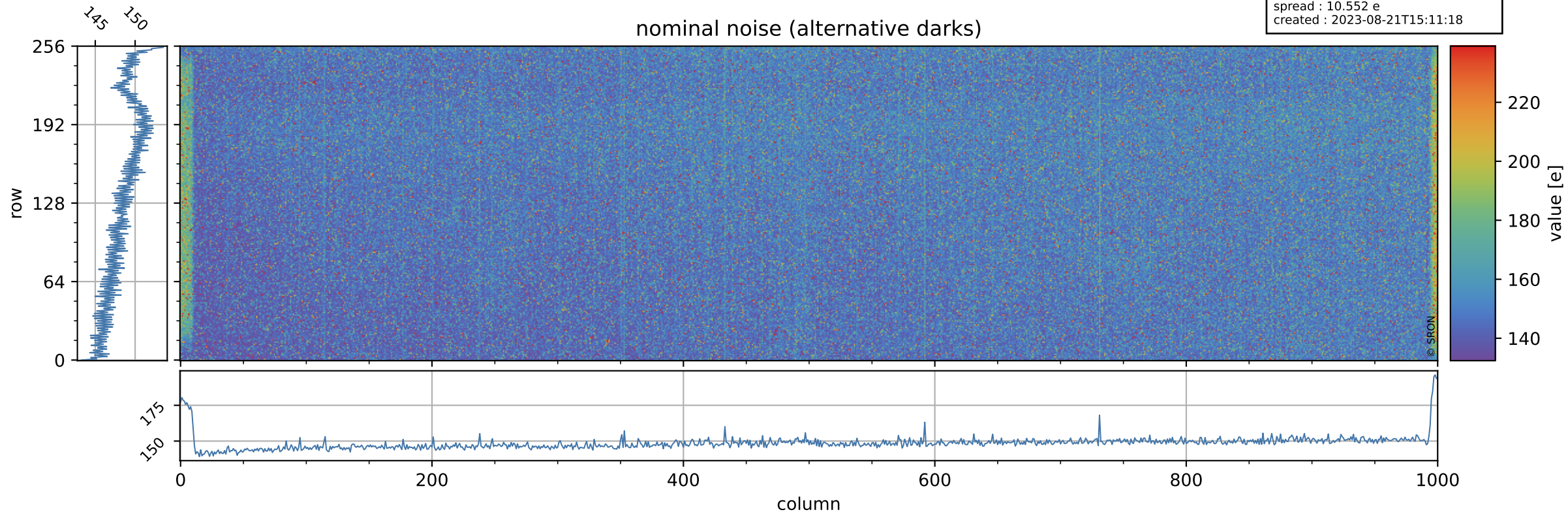


Tropomi SWIR background noise (swir)

orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.552 e
created : 2023-08-21T15:11:18

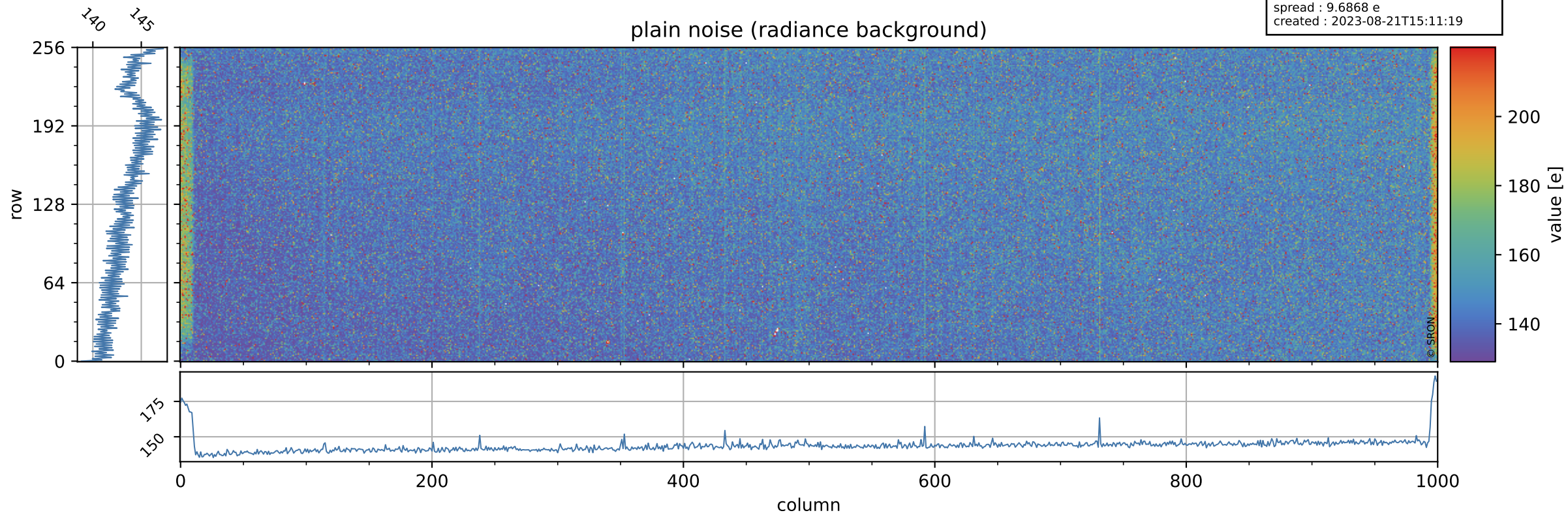
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
n_coad, t_exp : 1, 0.8383
median : 143.37 e
spread : 9.6868 e
created : 2023-08-21T15:11:19

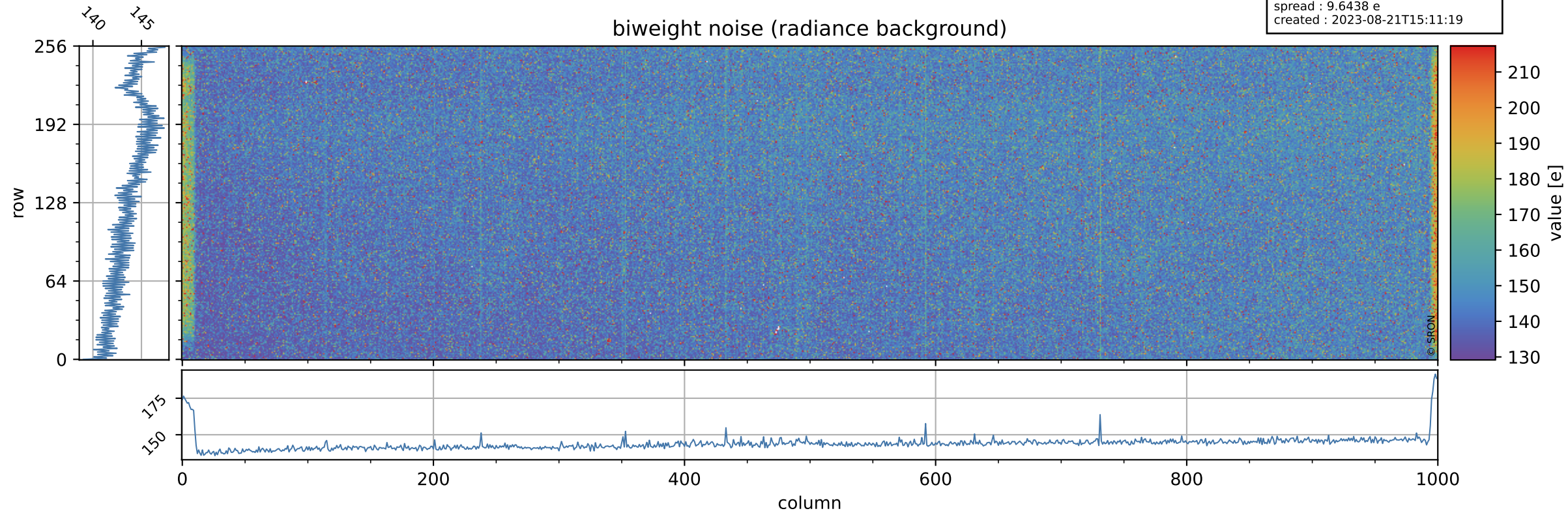
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.6438 e
created : 2023-08-21T15:11:19

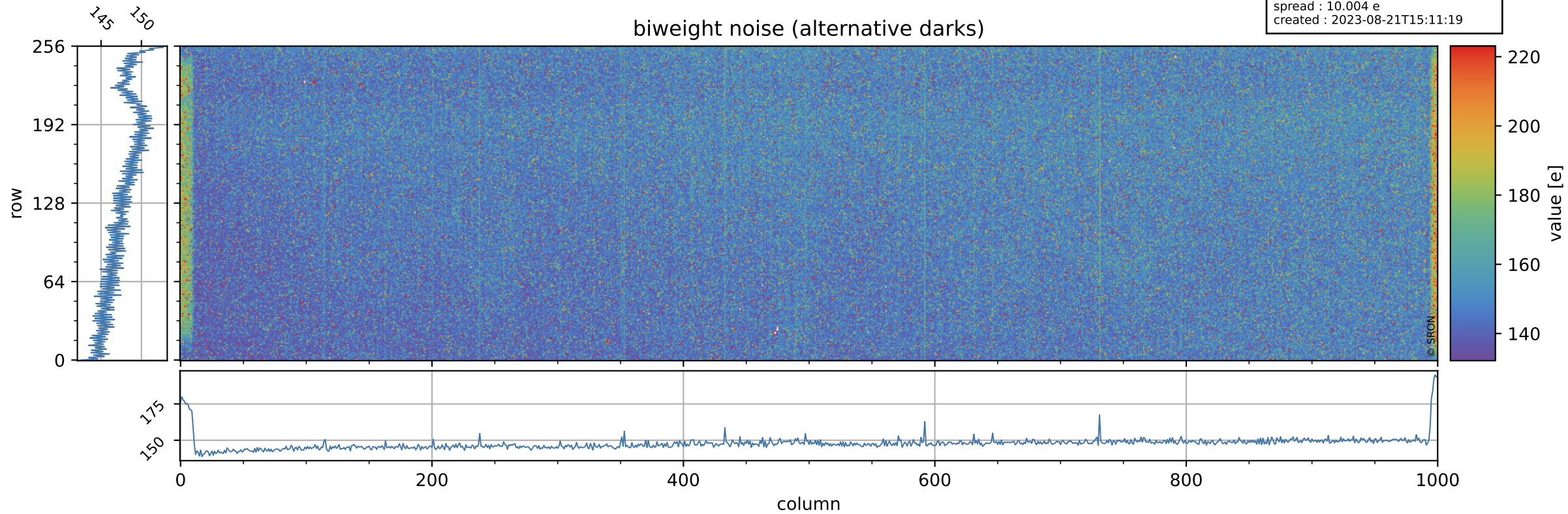
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.004 e
created : 2023-08-21T15:11:19

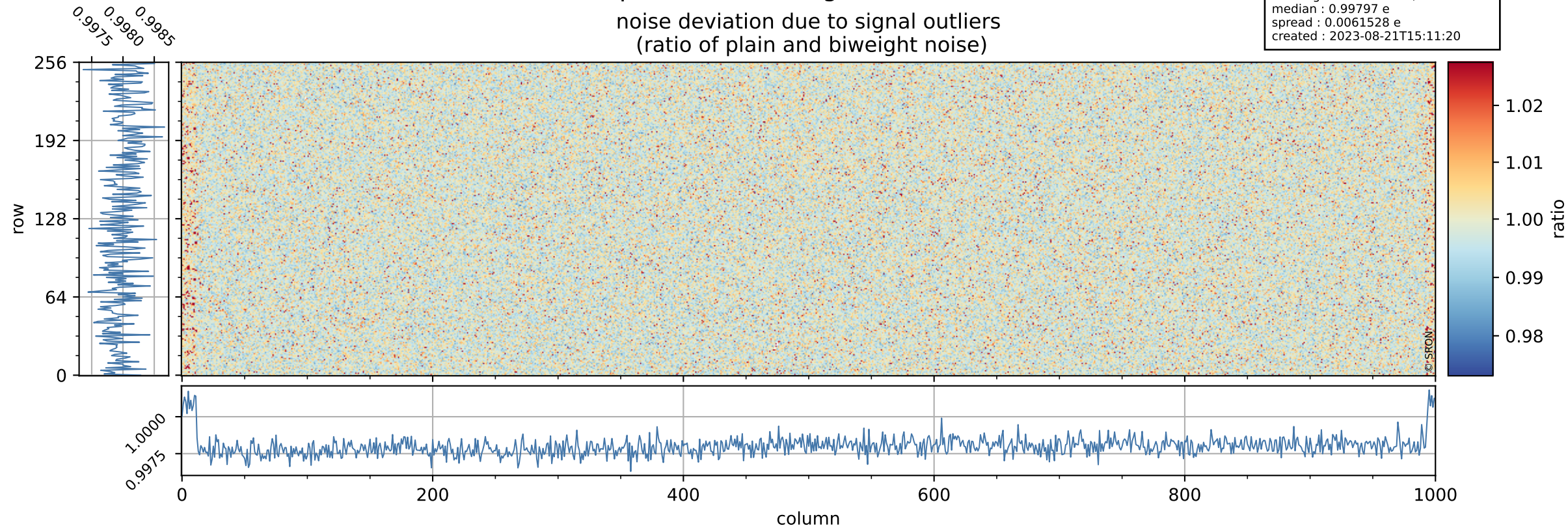
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

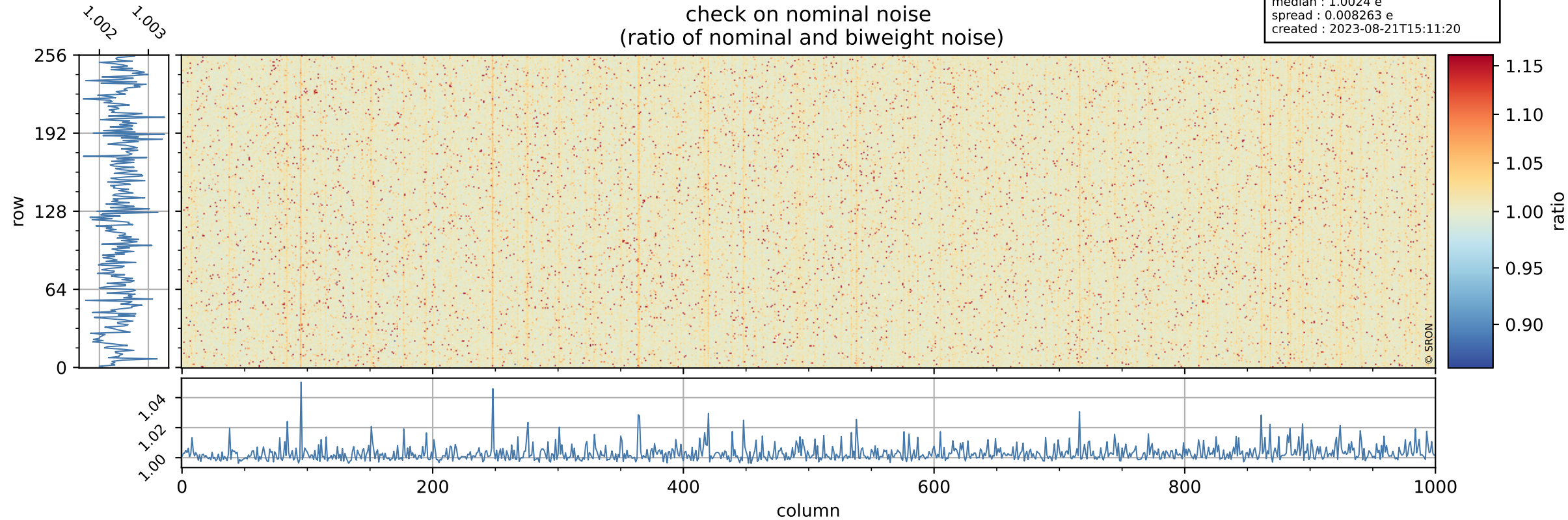
orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
median : 0.99797 e
spread : 0.0061528 e
created : 2023-08-21T15:11:20



Tropomi SWIR background noise (swir)

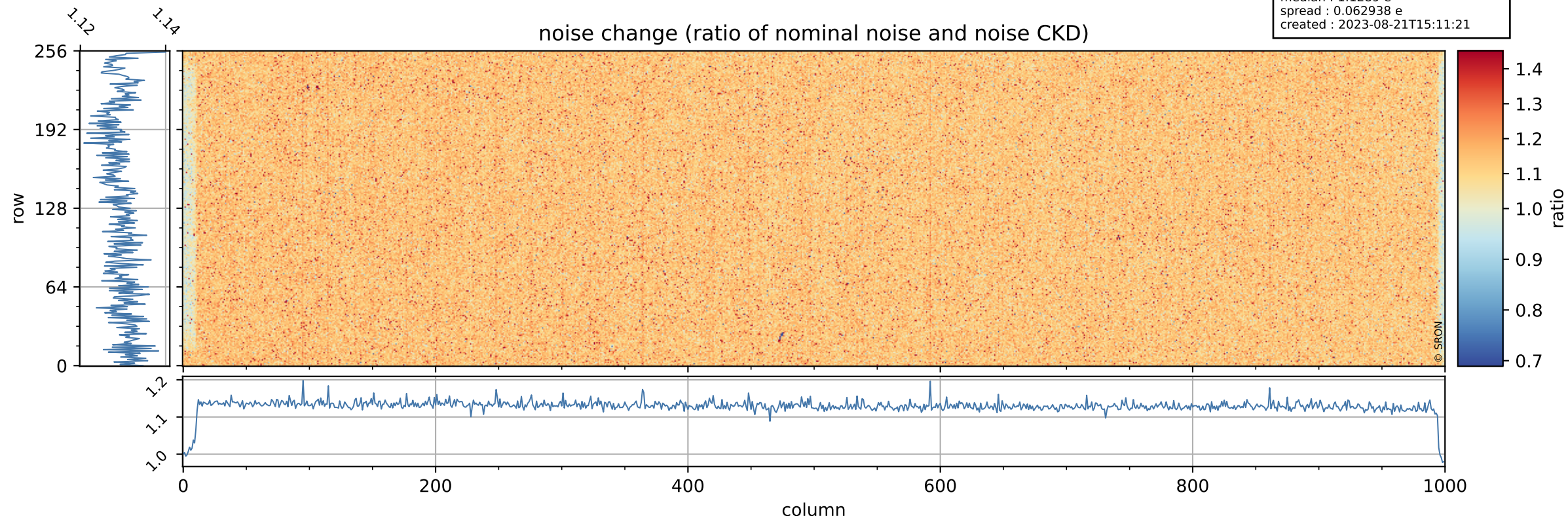
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
median : 1.0024 e
spread : 0.008263 e
created : 2023-08-21T15:11:20



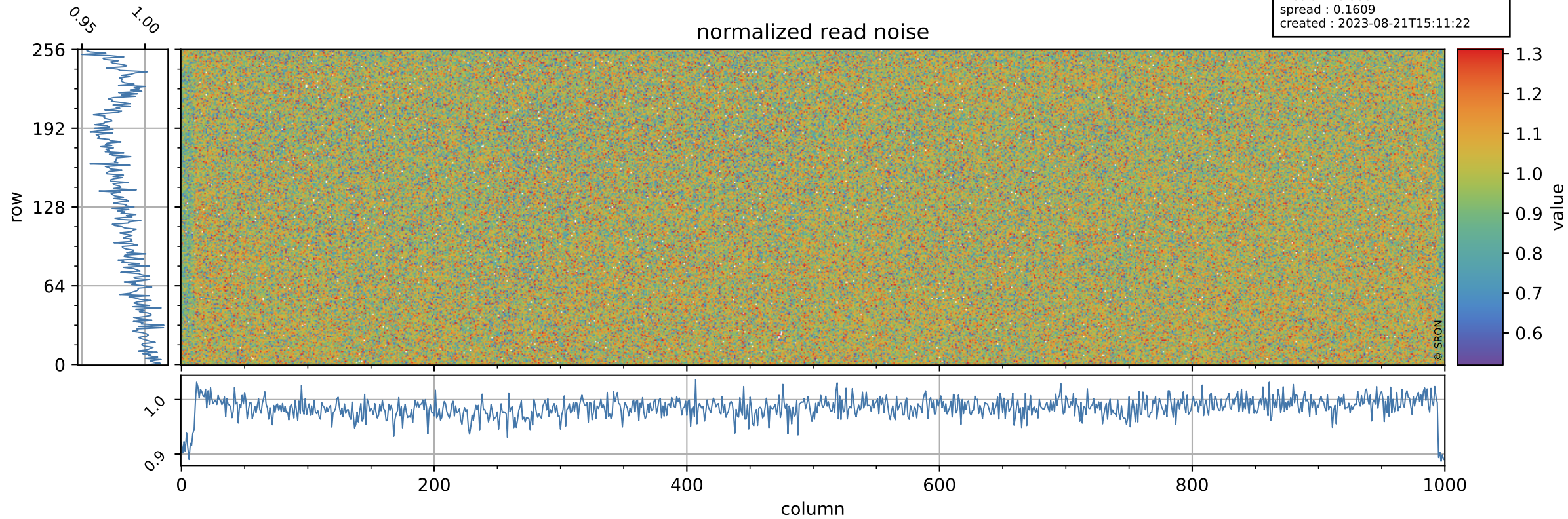
Tropomi SWIR background noise (swir)

orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
median : 1.1289 e
spread : 0.062938 e
created : 2023-08-21T15:11:21



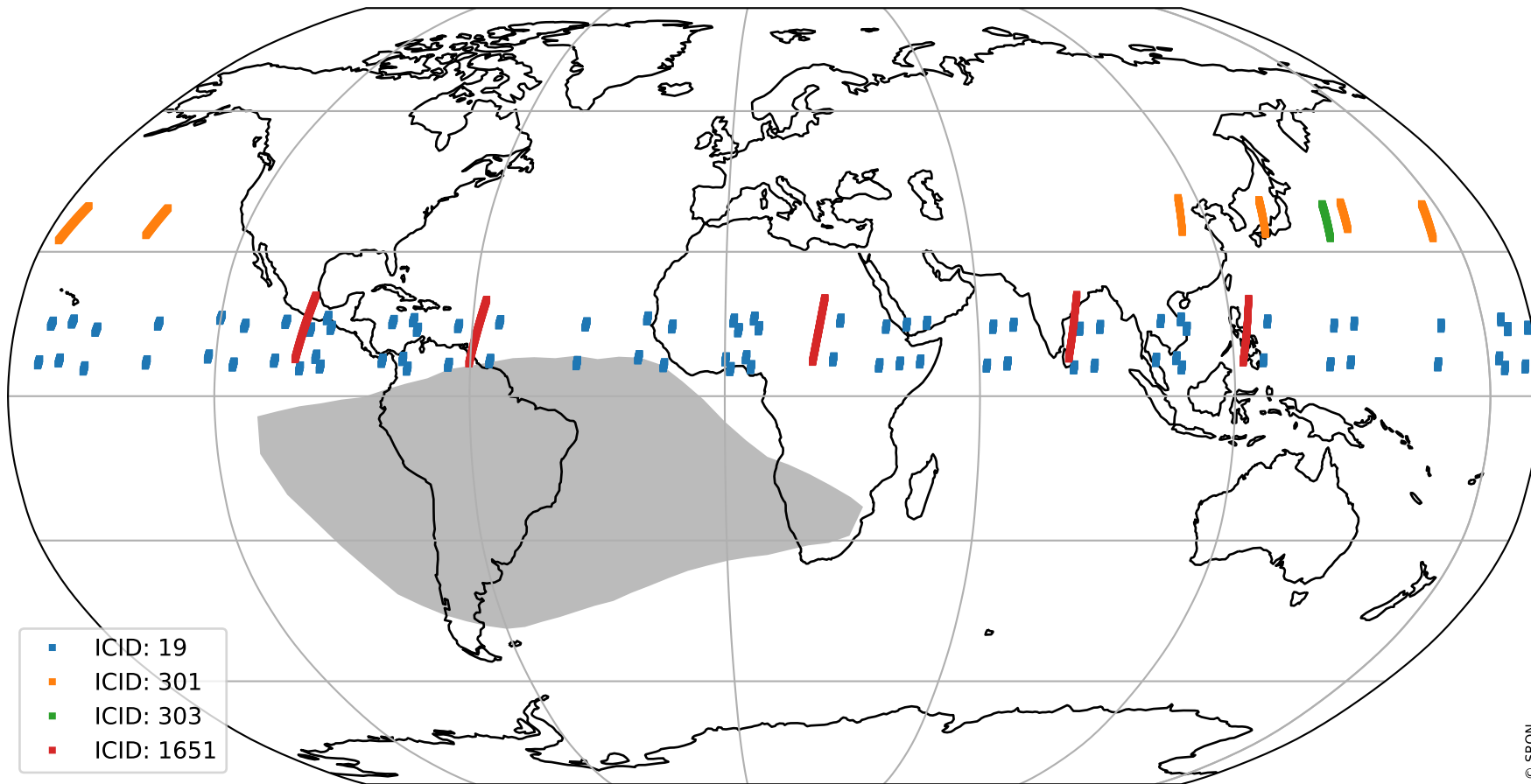
Tropomi SWIR background noise (swir)

orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
median : 0.9834
spread : 0.1609
created : 2023-08-21T15:11:22



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

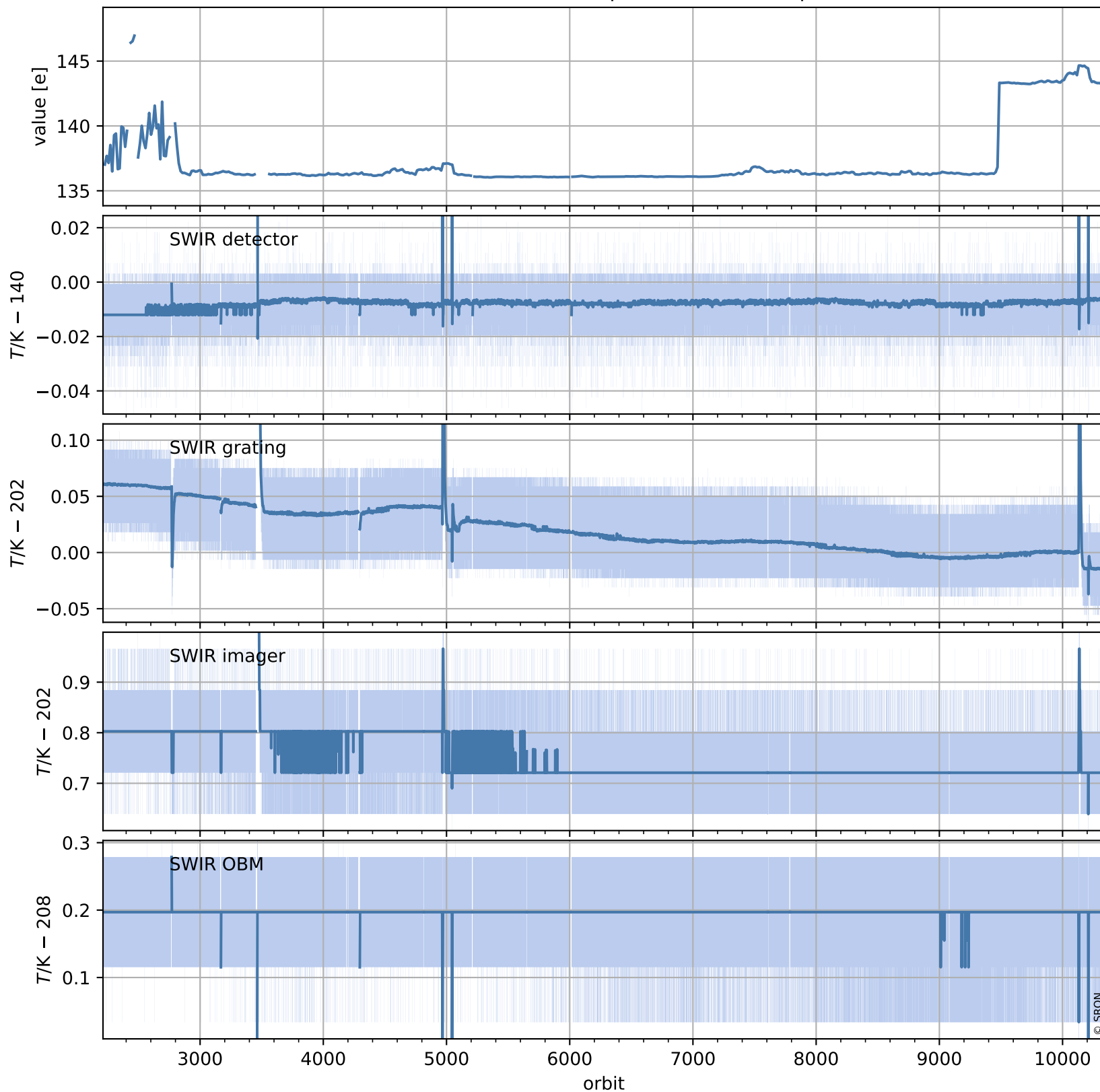
orbits : 12 in [10252, 10342]
coverage : 2019-10-06 / 2019-10-11
created : 2023-08-21T15:11:22



Tropomi SWIR background noise (swir)

orbits : [2212, 10342]
coverage : 2018-03-18 / 2019-10-11
created : 2023-08-21T15:11:23

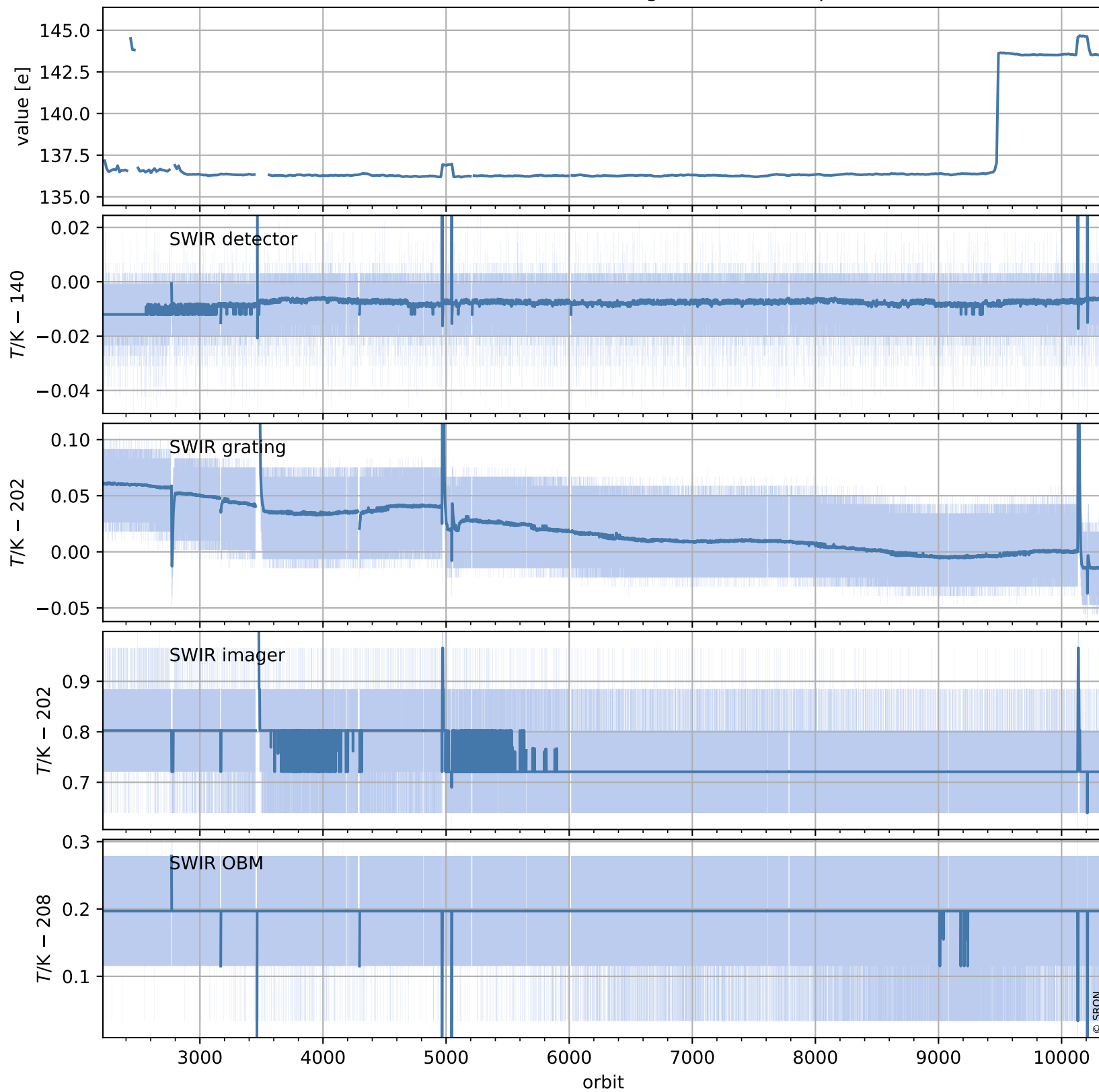
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10342]
coverage : 2018-03-18 / 2019-10-11
created : 2023-08-21T15:11:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10342]
coverage : 2018-03-18 / 2019-10-11
created : 2023-08-21T15:11:24

trend of normalized read-noise & temperatures

