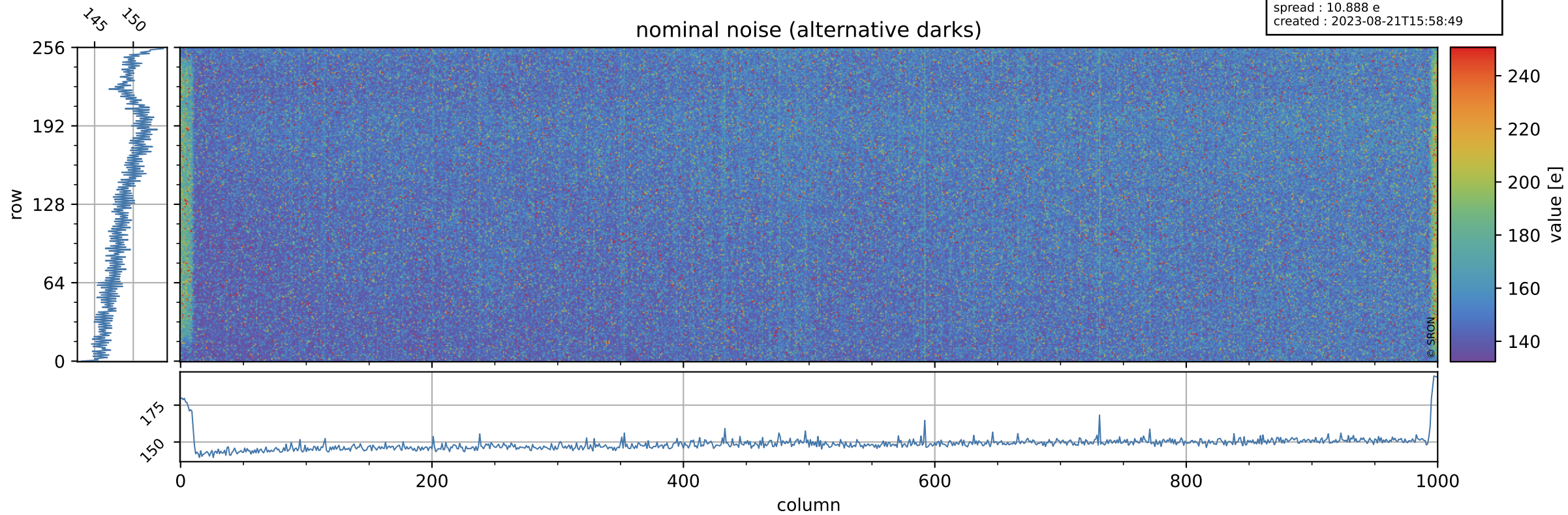


Tropomi SWIR background noise (swir)

orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.888 e
created : 2023-08-21T15:58:49

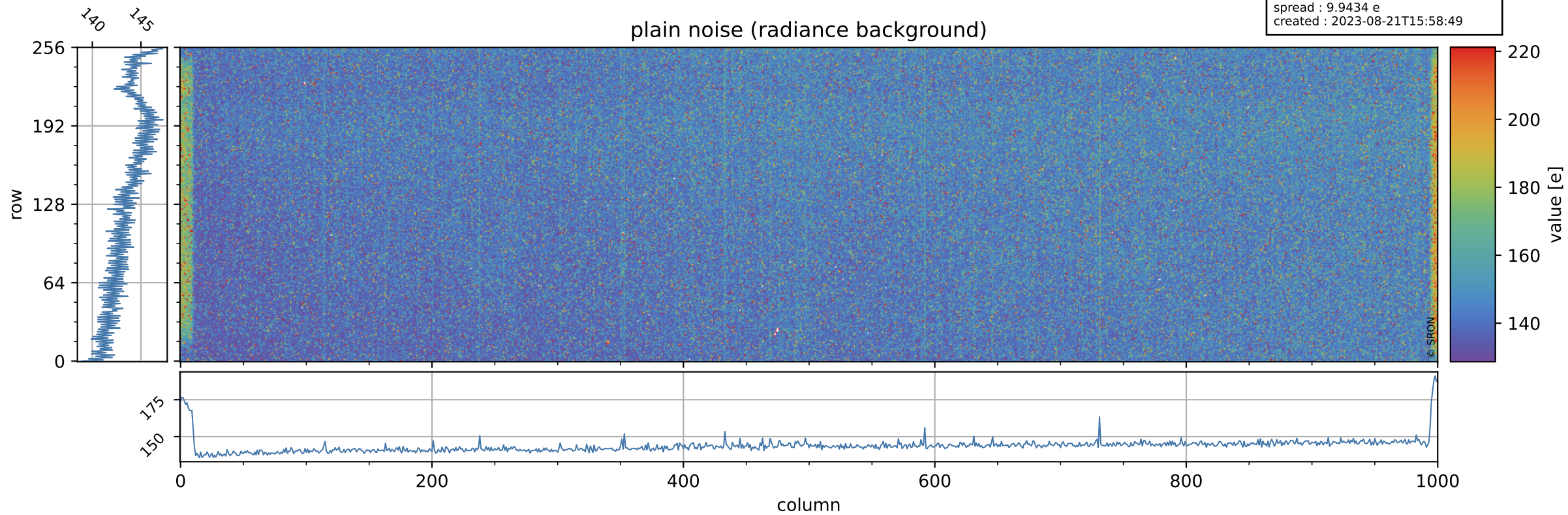
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.9434 e
created : 2023-08-21T15:58:49

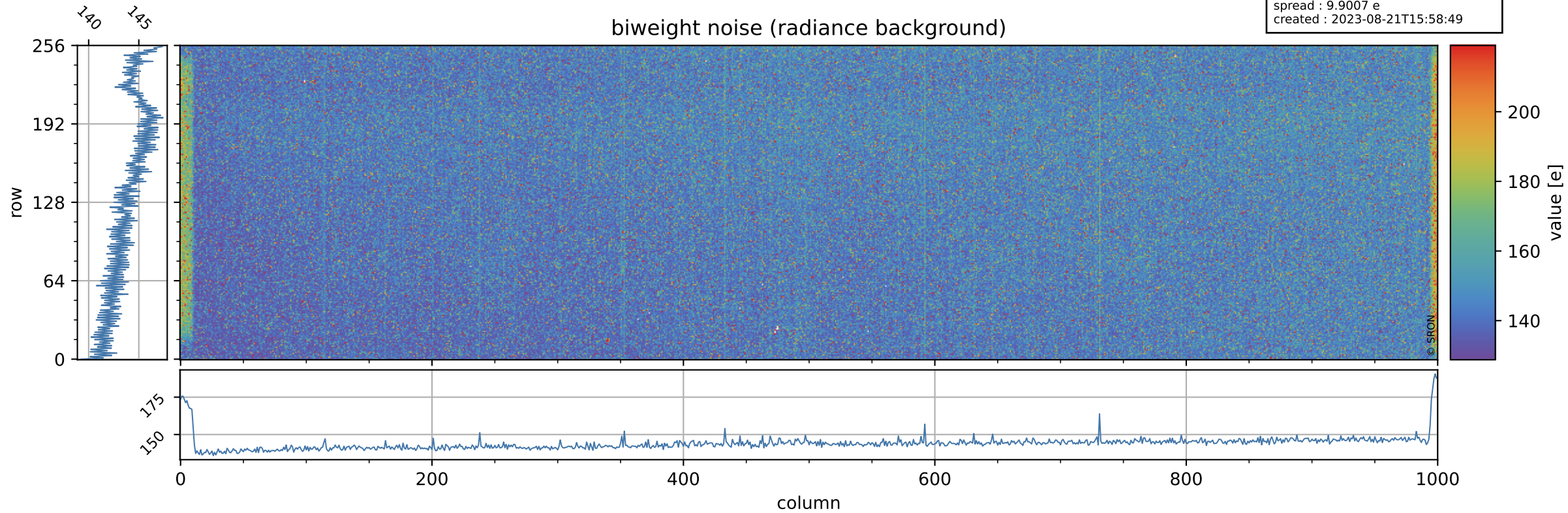
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9007 e
created : 2023-08-21T15:58:49

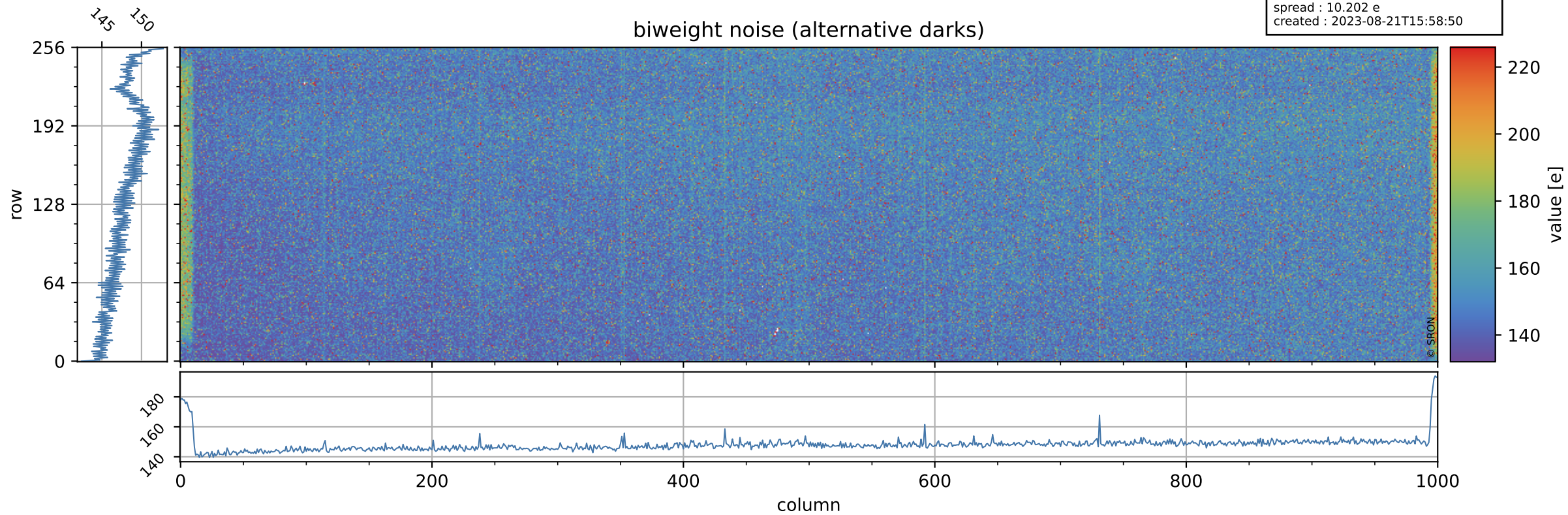
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.202 e
created : 2023-08-21T15:58:50

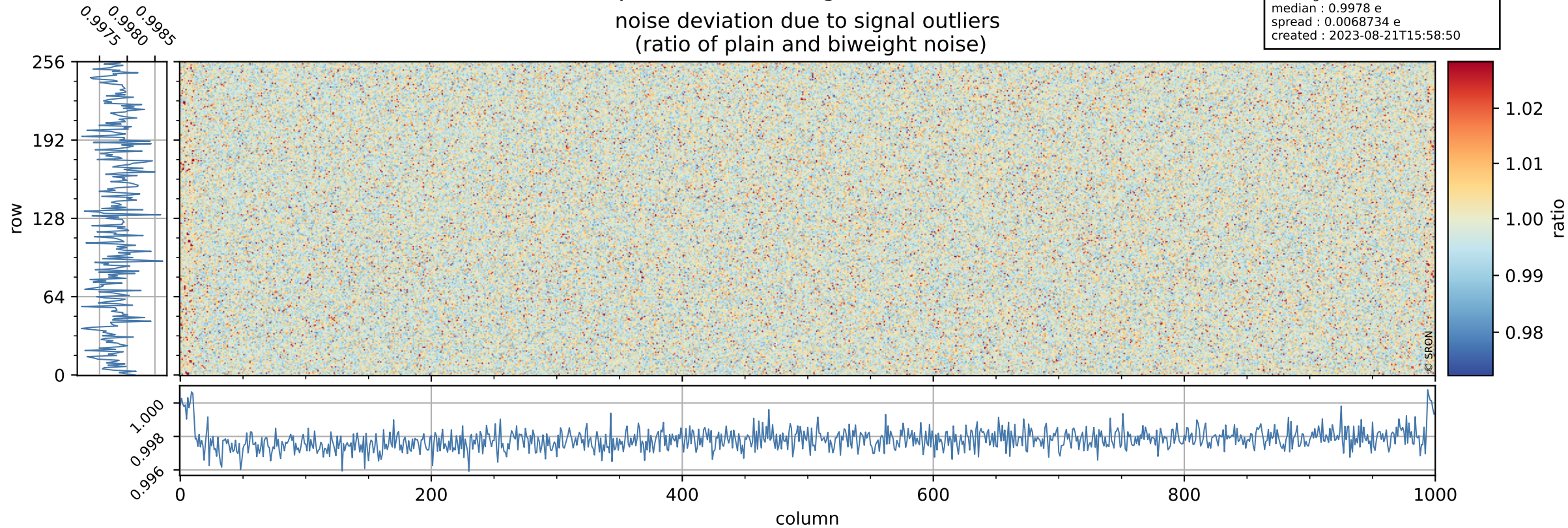
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

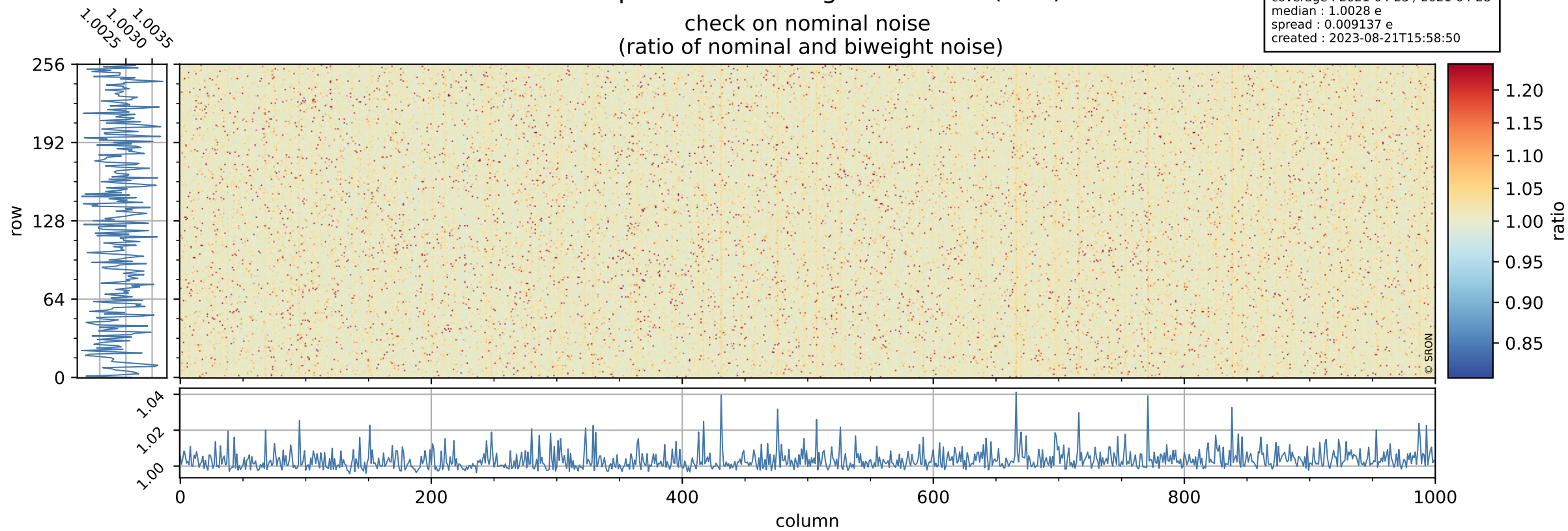
orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
median : 0.9978 e
spread : 0.0068734 e
created : 2023-08-21T15:58:50



Tropomi SWIR background noise (swir)

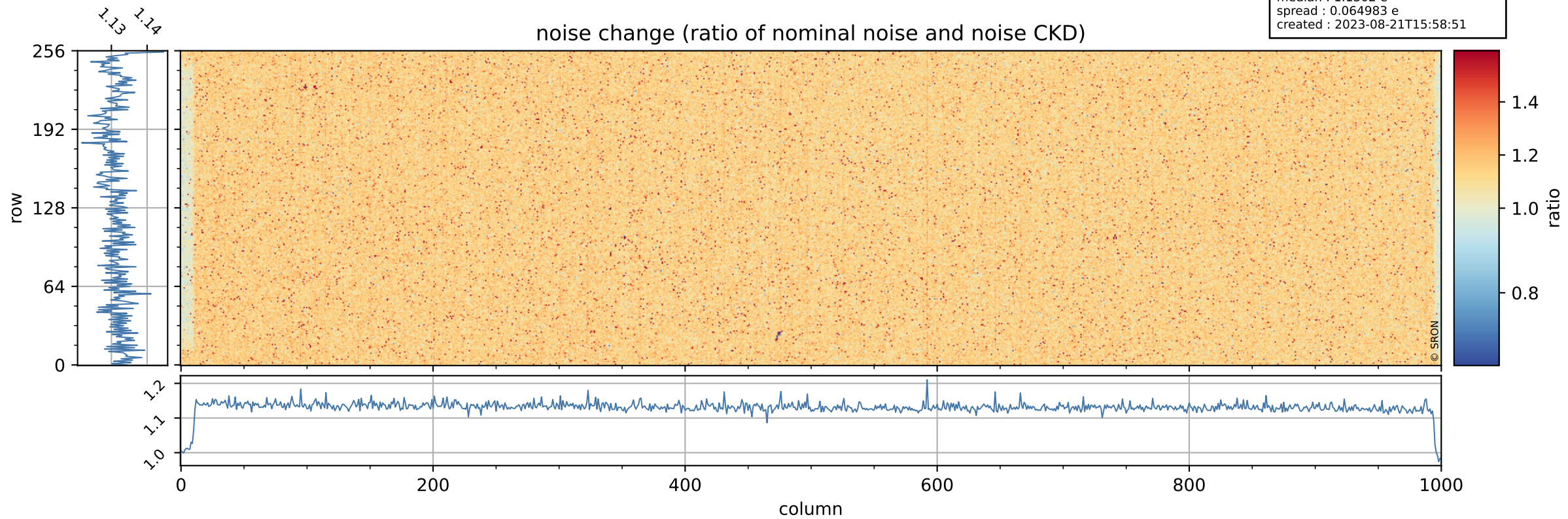
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
median : 1.0028 e
spread : 0.009137 e
created : 2023-08-21T15:58:50



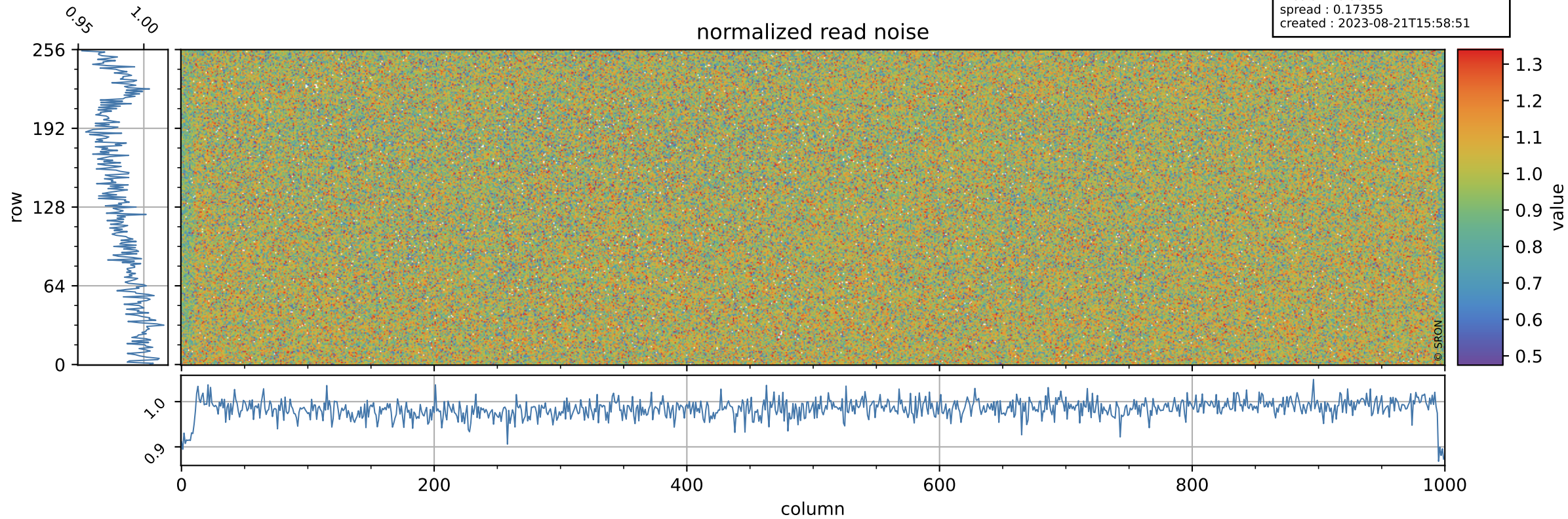
Tropomi SWIR background noise (swir)

orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
median : 1.1302 e
spread : 0.064983 e
created : 2023-08-21T15:58:51



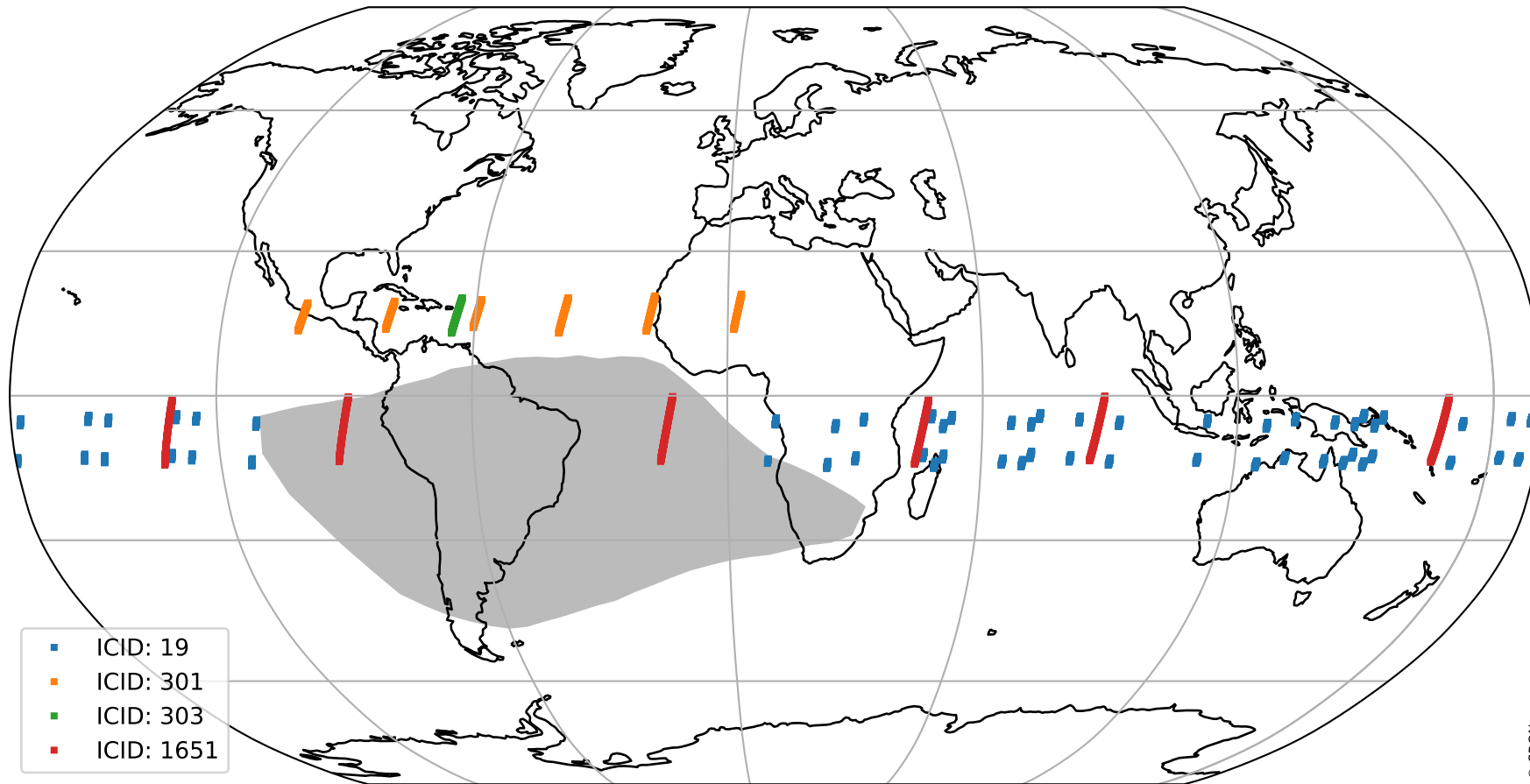
Tropomi SWIR background noise (swir)

orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
median : 0.9824
spread : 0.17355
created : 2023-08-21T15:58:51



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

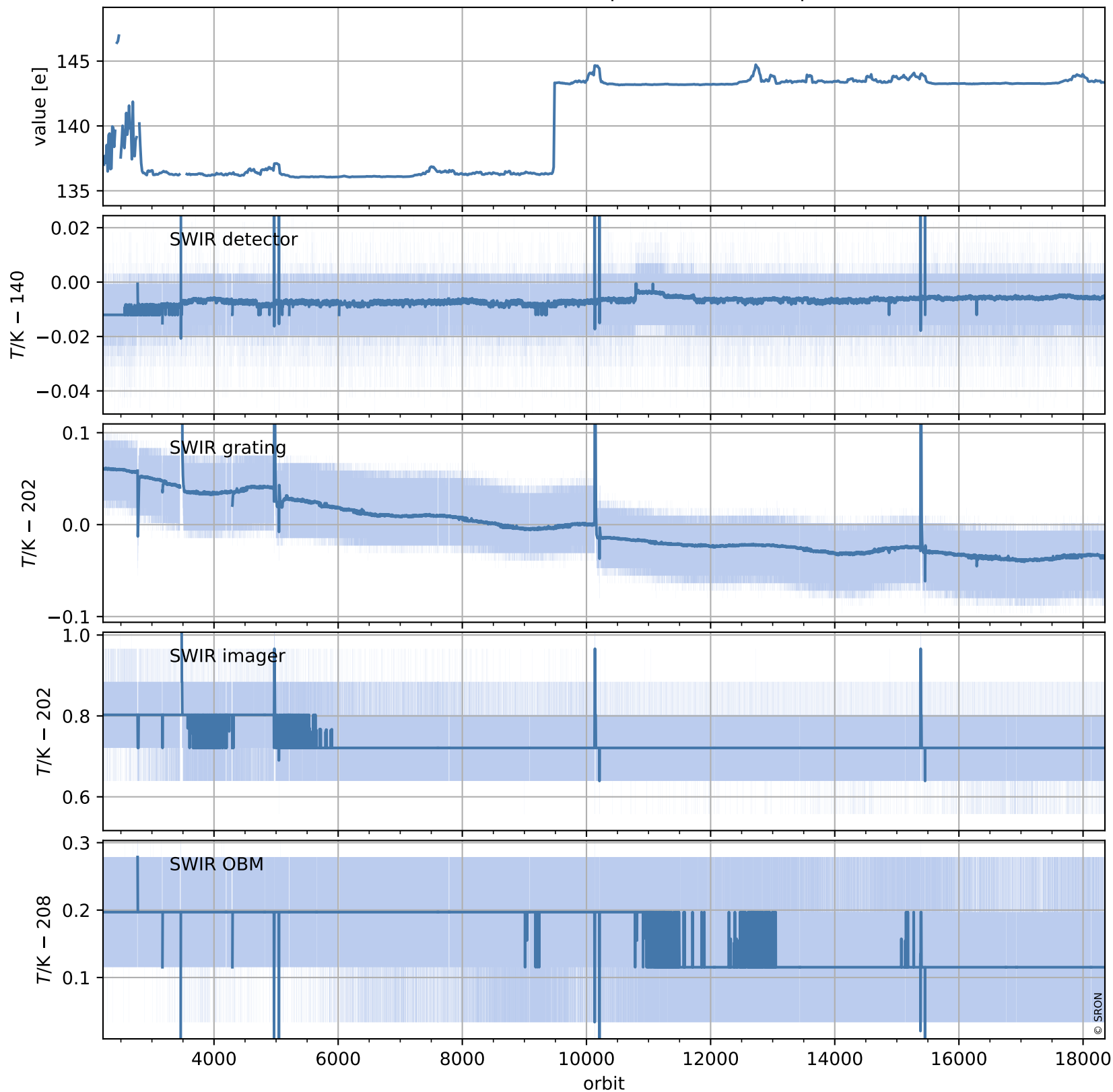
orbits : 13 in [18262, 18352]
coverage : 2021-04-23 / 2021-04-28
created : 2023-08-21T15:58:51



Tropomi SWIR background noise (swir)

orbits : [2212, 18352]
coverage : 2018-03-18 / 2021-04-28
created : 2023-08-21T15:58:51

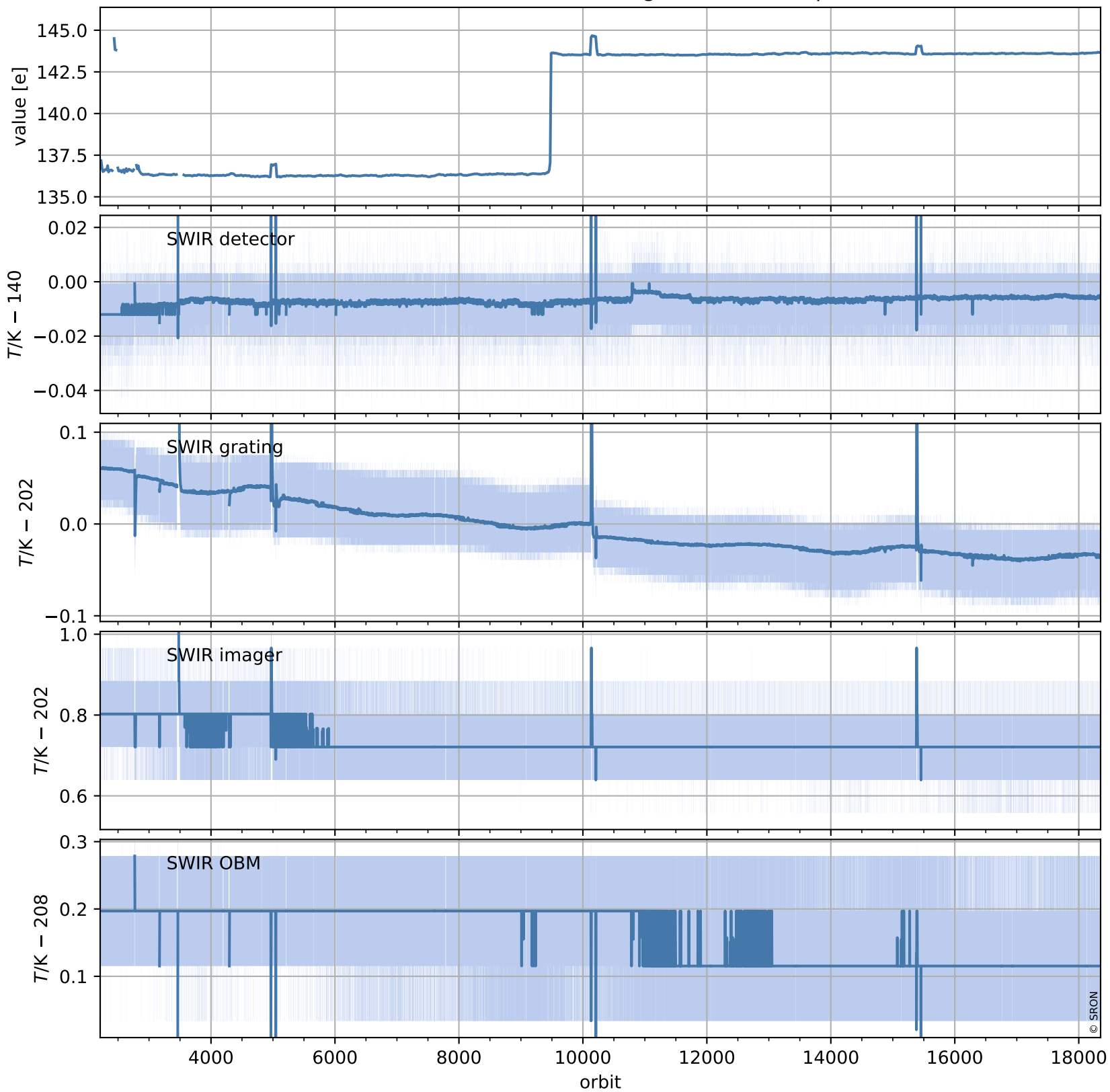
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18352]
coverage : 2018-03-18 / 2021-04-28
created : 2023-08-21T15:58:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18352]
coverage : 2018-03-18 / 2021-04-28
created : 2023-08-21T15:58:53

trend of normalized read-noise & temperatures

