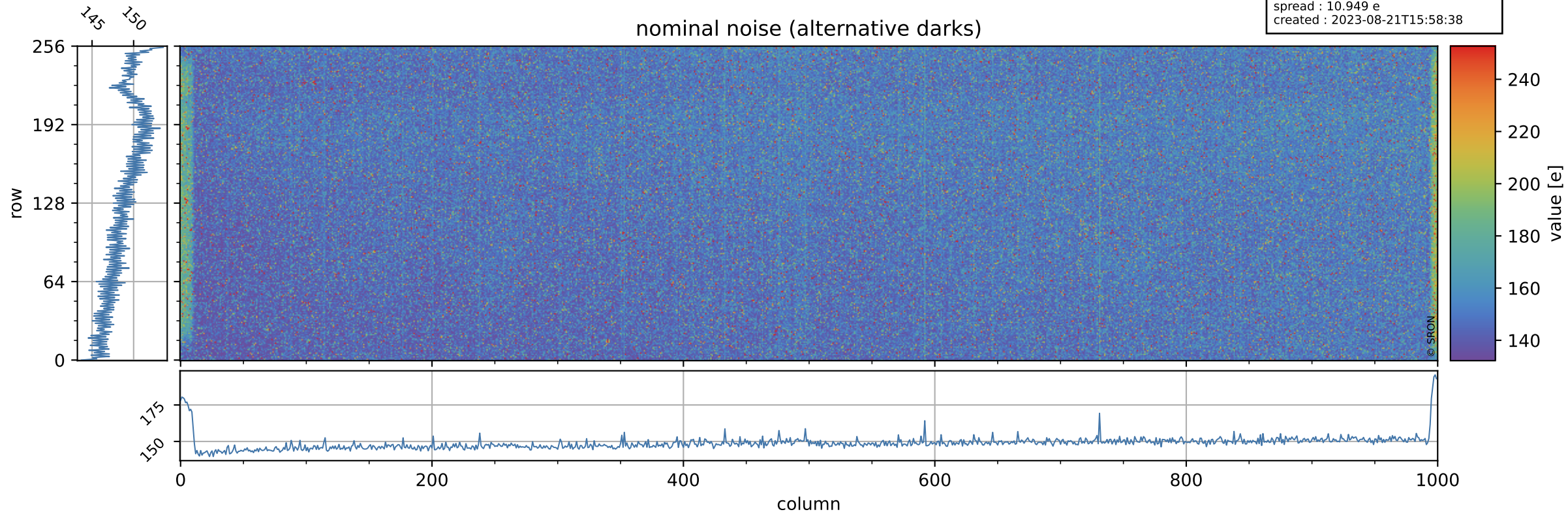


Tropomi SWIR background noise (swir)

orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
n_coad, t_exp : 1, 1.0783
median : 148.72 e
spread : 10.949 e
created : 2023-08-21T15:58:38

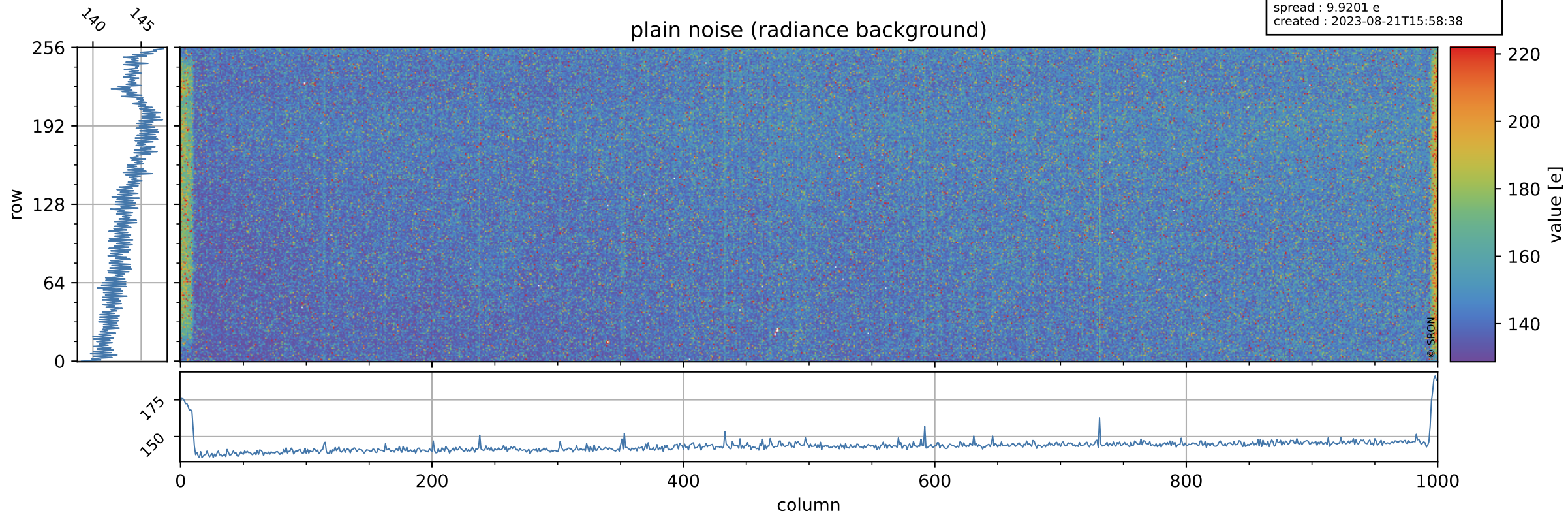
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.9201 e
created : 2023-08-21T15:58:38

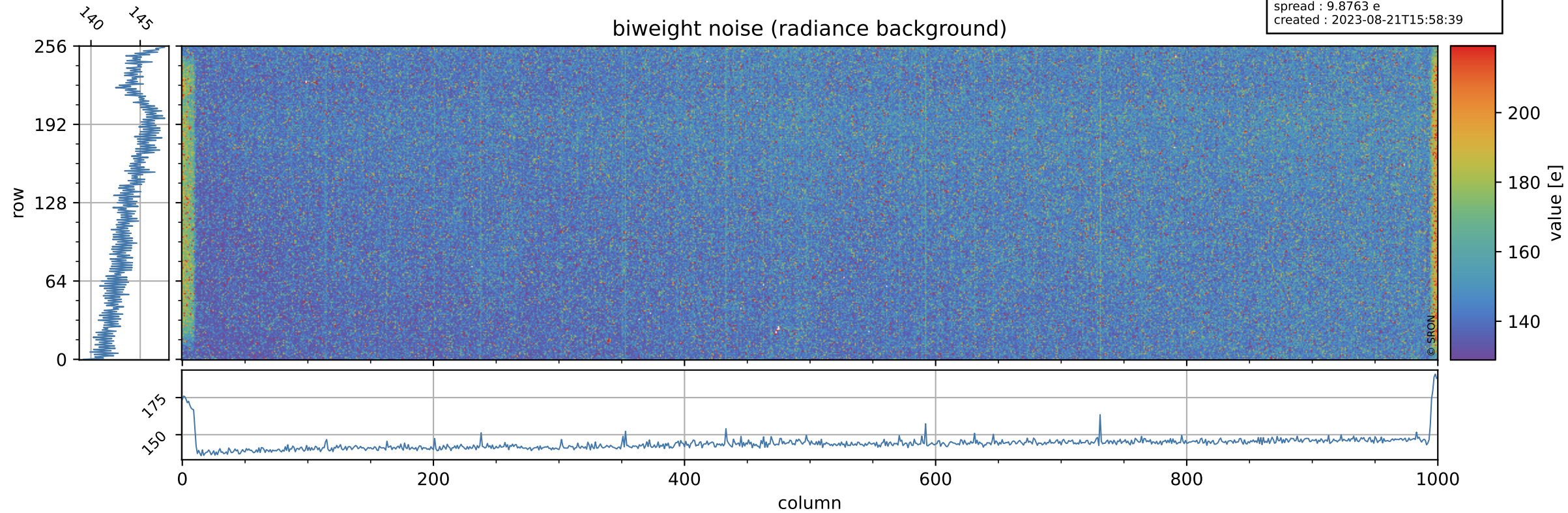
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8763 e
created : 2023-08-21T15:58:39

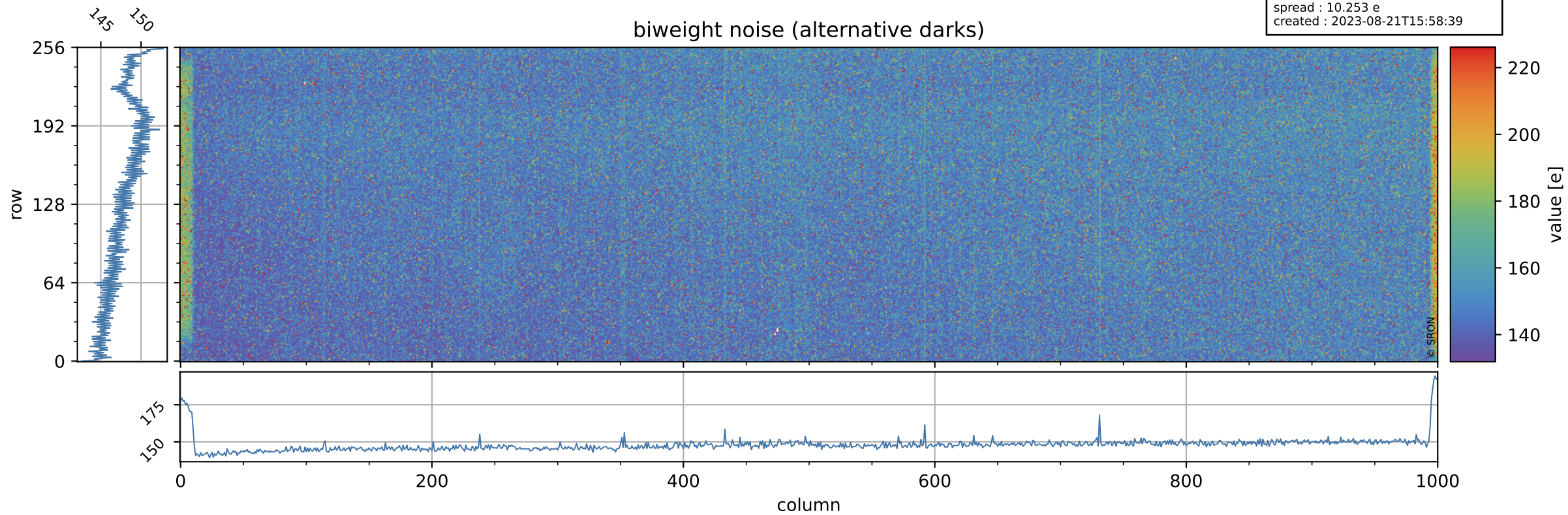
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.253 e
created : 2023-08-21T15:58:39

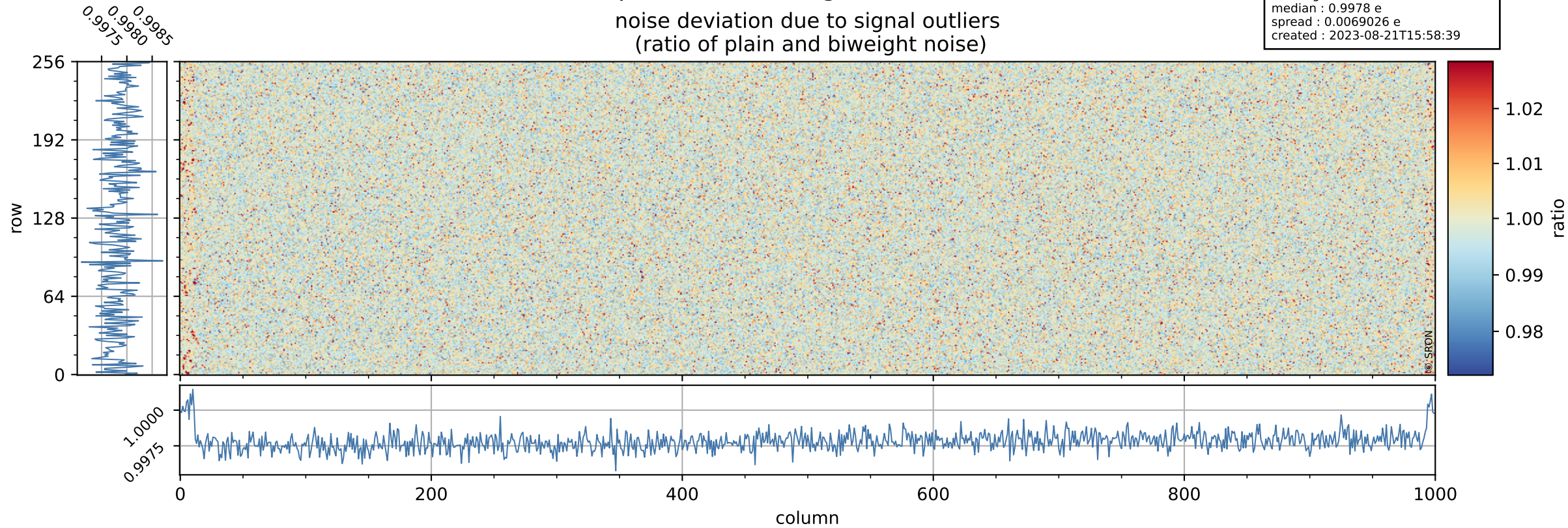
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

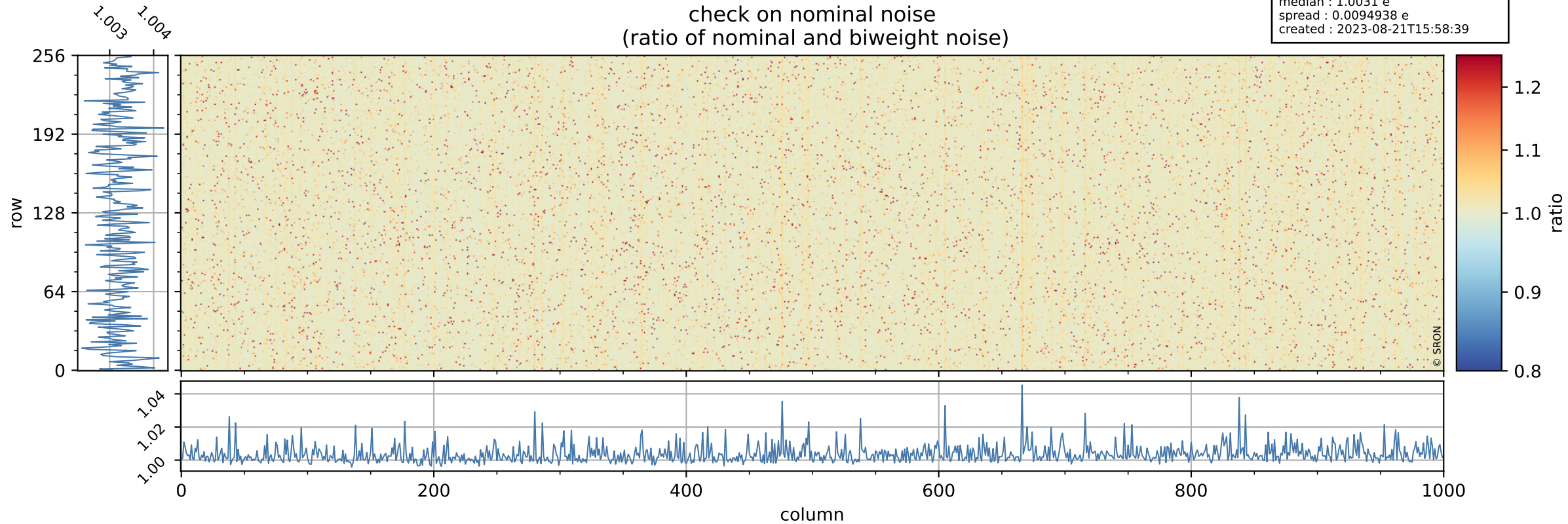
orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
median : 0.9978 e
spread : 0.0069026 e
created : 2023-08-21T15:58:39



Tropomi SWIR background noise (swir)

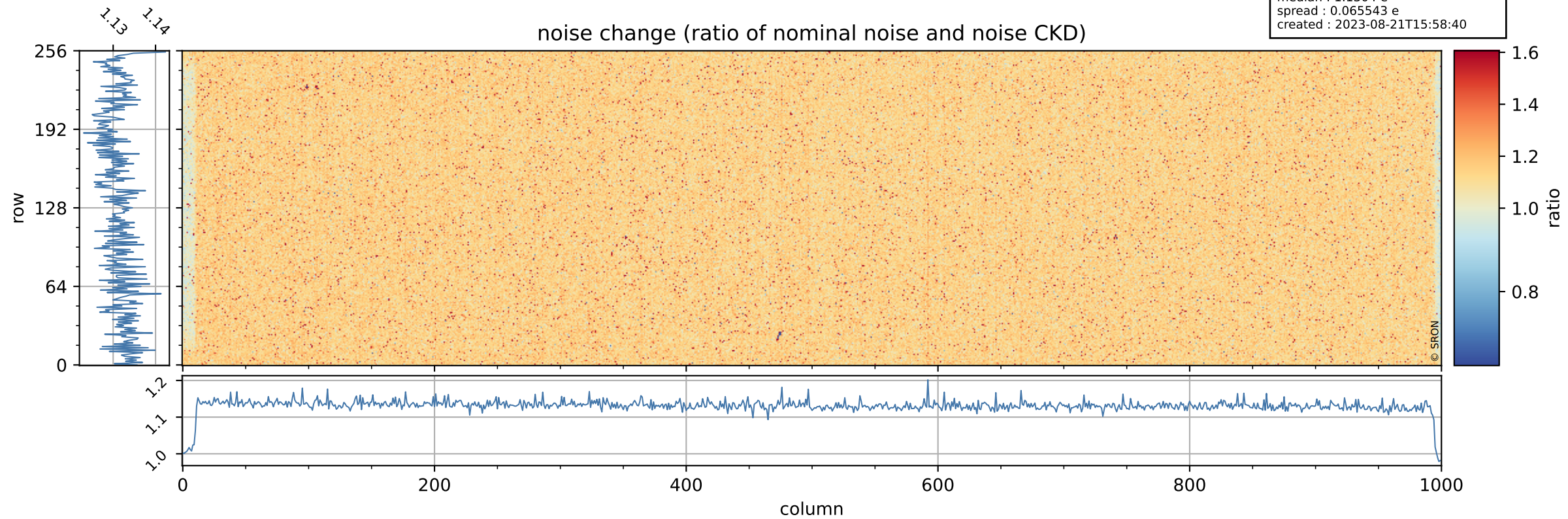
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
median : 1.0031 e
spread : 0.0094938 e
created : 2023-08-21T15:58:39



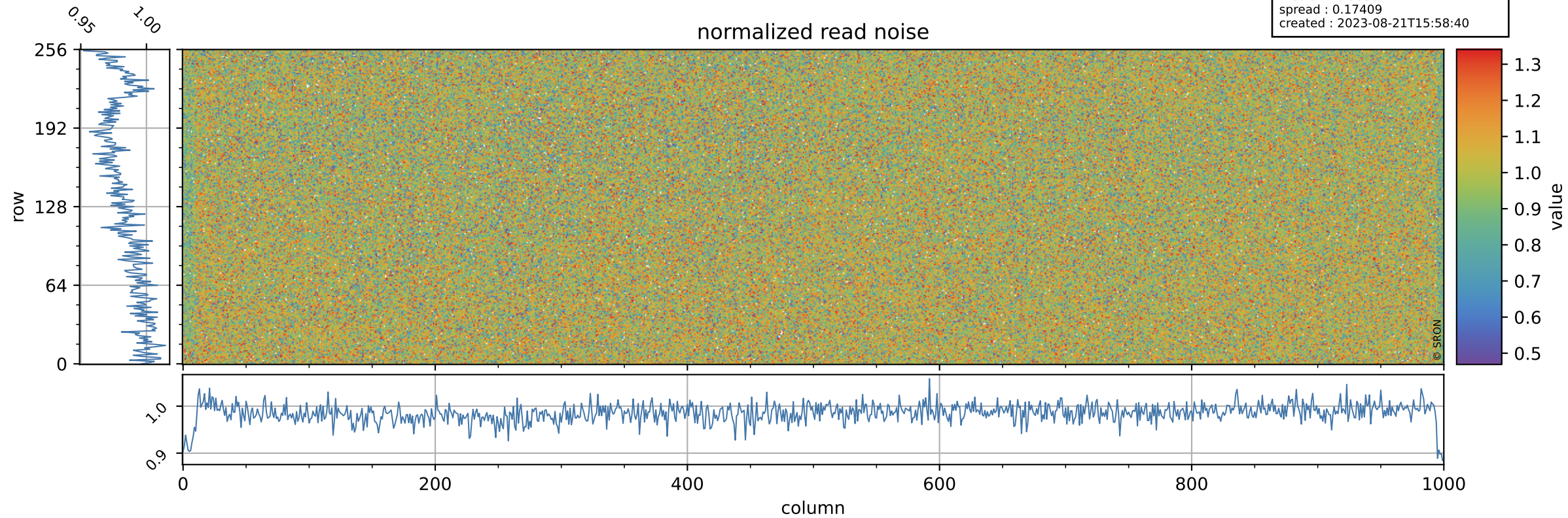
Tropomi SWIR background noise (swir)

orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
median : 1.1304 e
spread : 0.065543 e
created : 2023-08-21T15:58:40



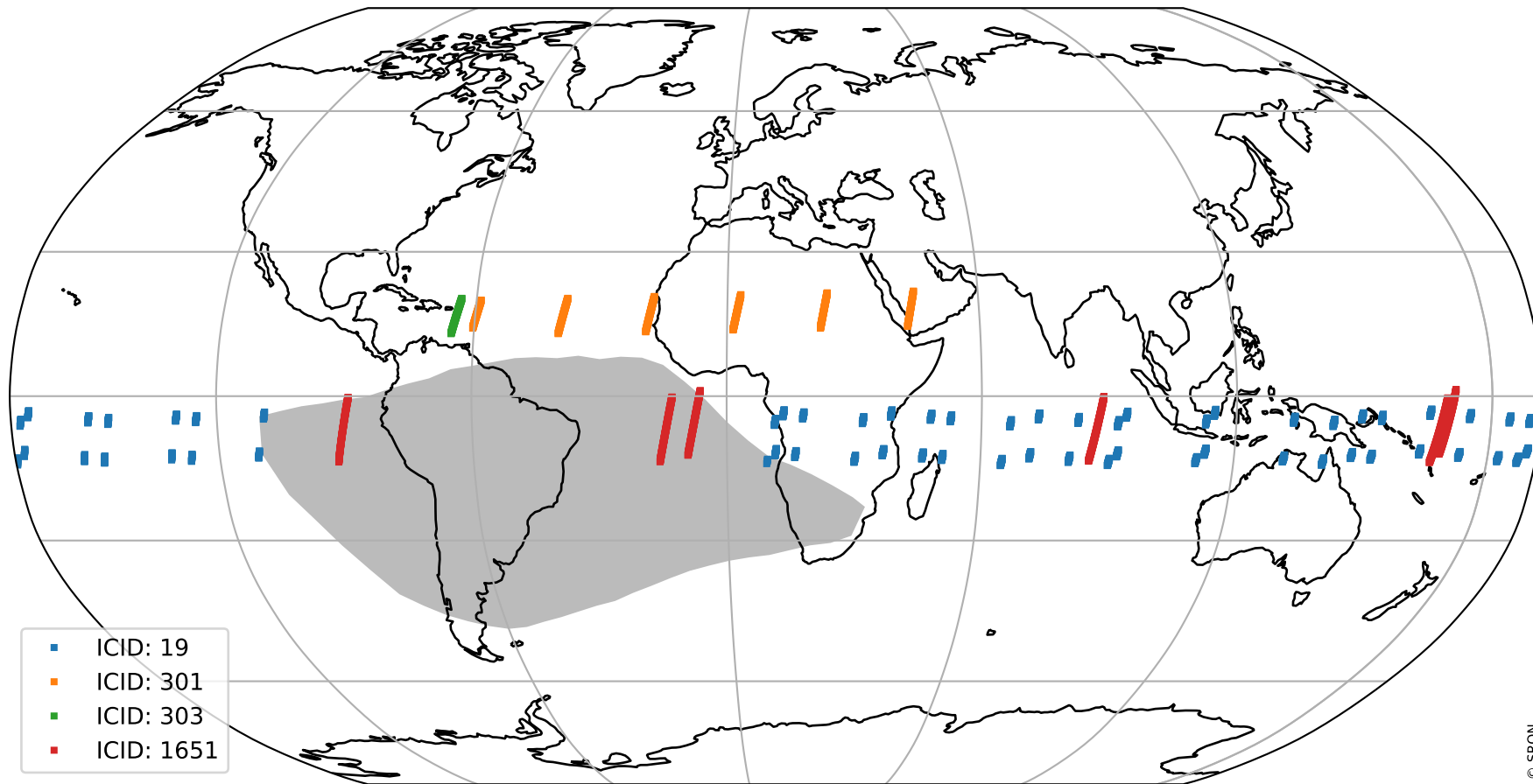
Tropomi SWIR background noise (swir)

orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
median : 0.98392
spread : 0.17409
created : 2023-08-21T15:58:40



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

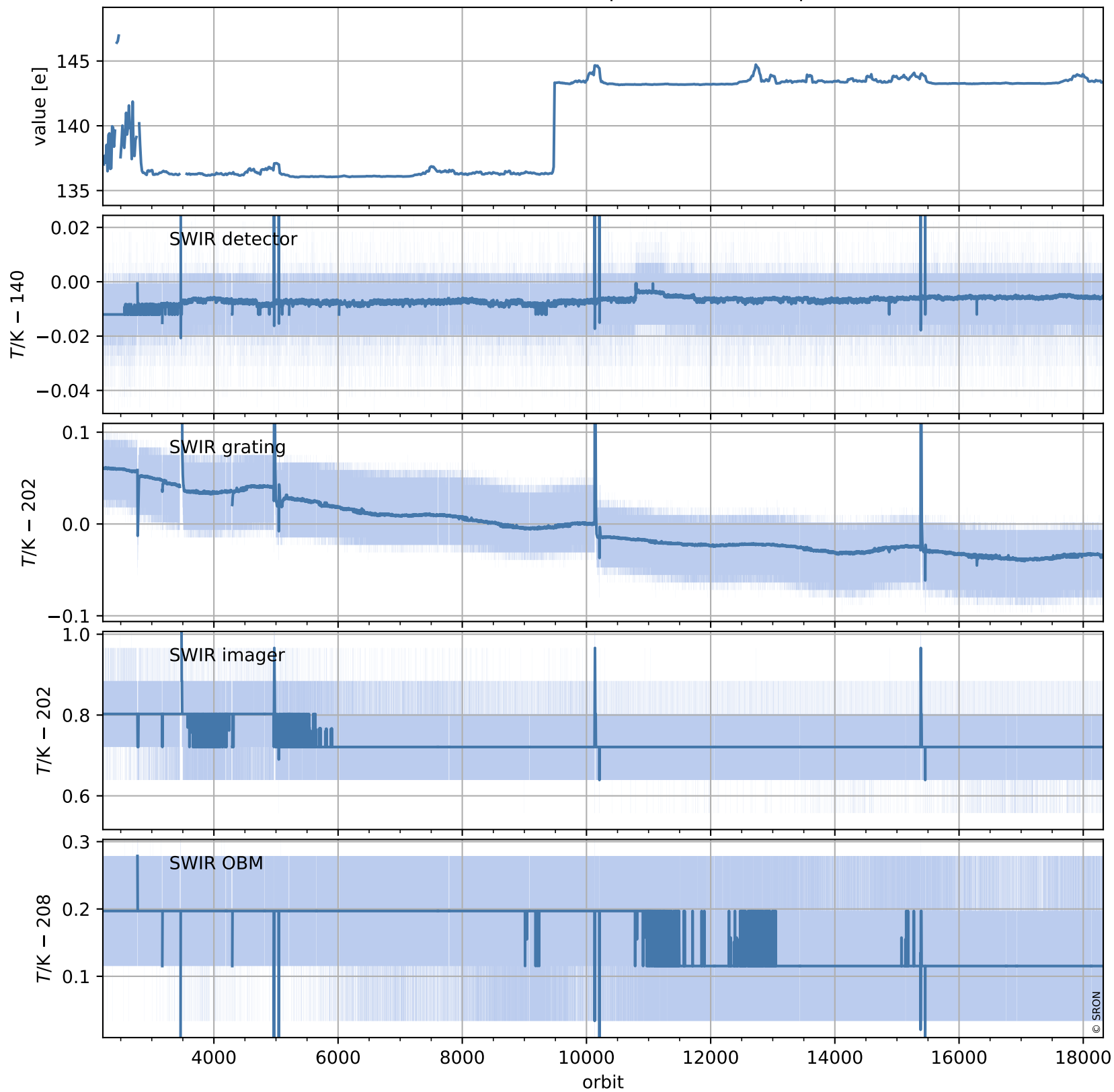
orbits : 13 in [18232, 18322]
coverage : 2021-04-20 / 2021-04-26
created : 2023-08-21T15:58:40



Tropomi SWIR background noise (swir)

orbits : [2212, 18322]
coverage : 2018-03-18 / 2021-04-26
created : 2023-08-21T15:58:41

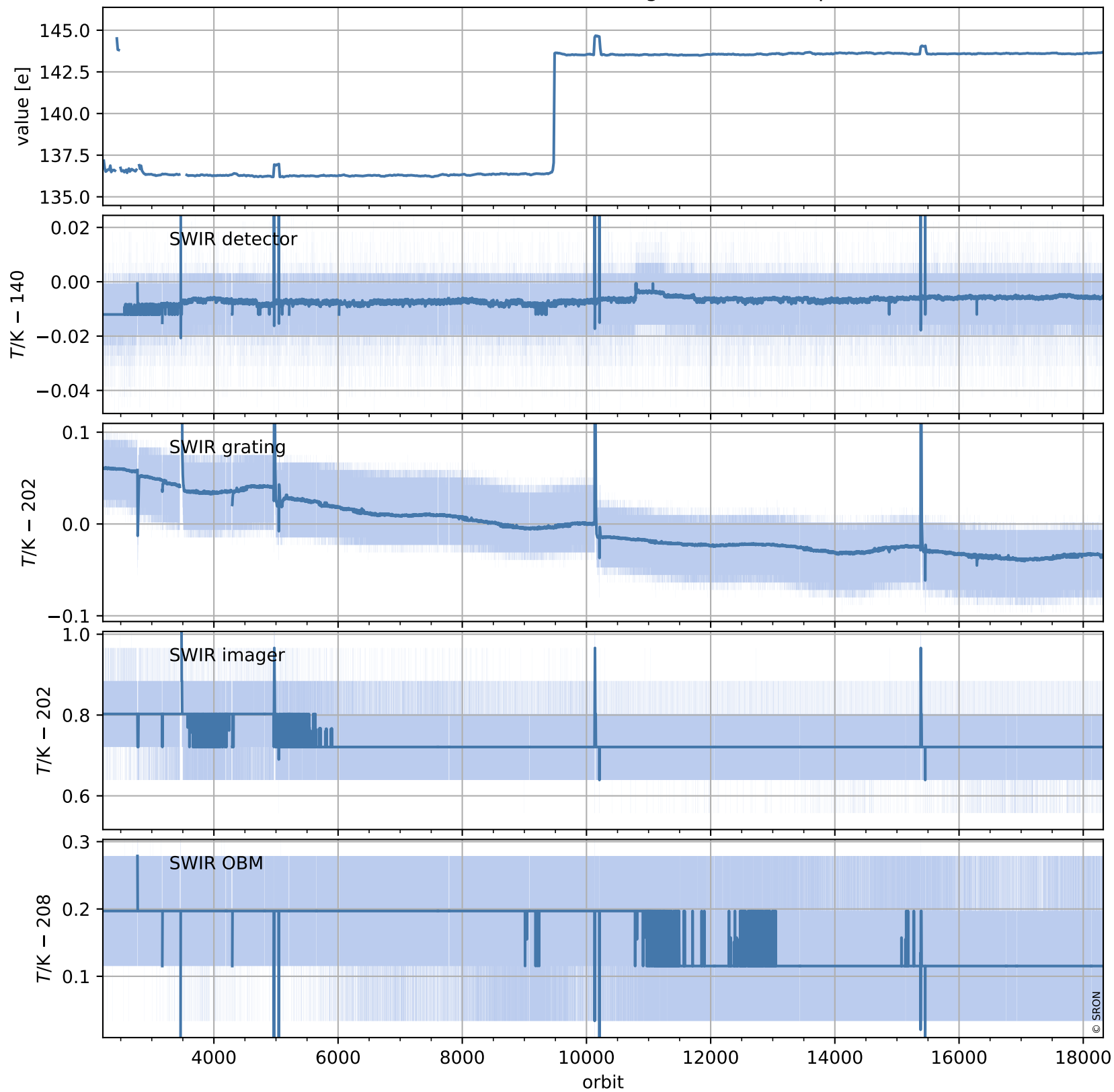
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18322]
coverage : 2018-03-18 / 2021-04-26
created : 2023-08-21T15:58:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18322]
coverage : 2018-03-18 / 2021-04-26
created : 2023-08-21T15:58:42

trend of normalized read-noise & temperatures

