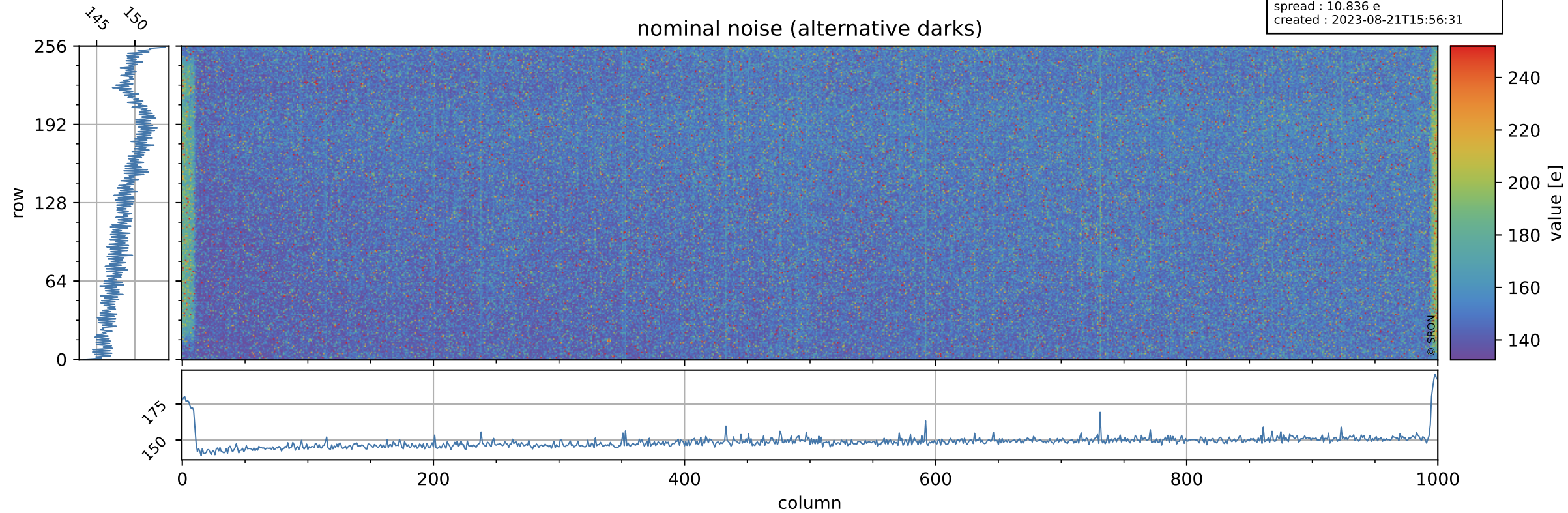


Tropomi SWIR background noise (swir)

orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.836 e
created : 2023-08-21T15:56:31

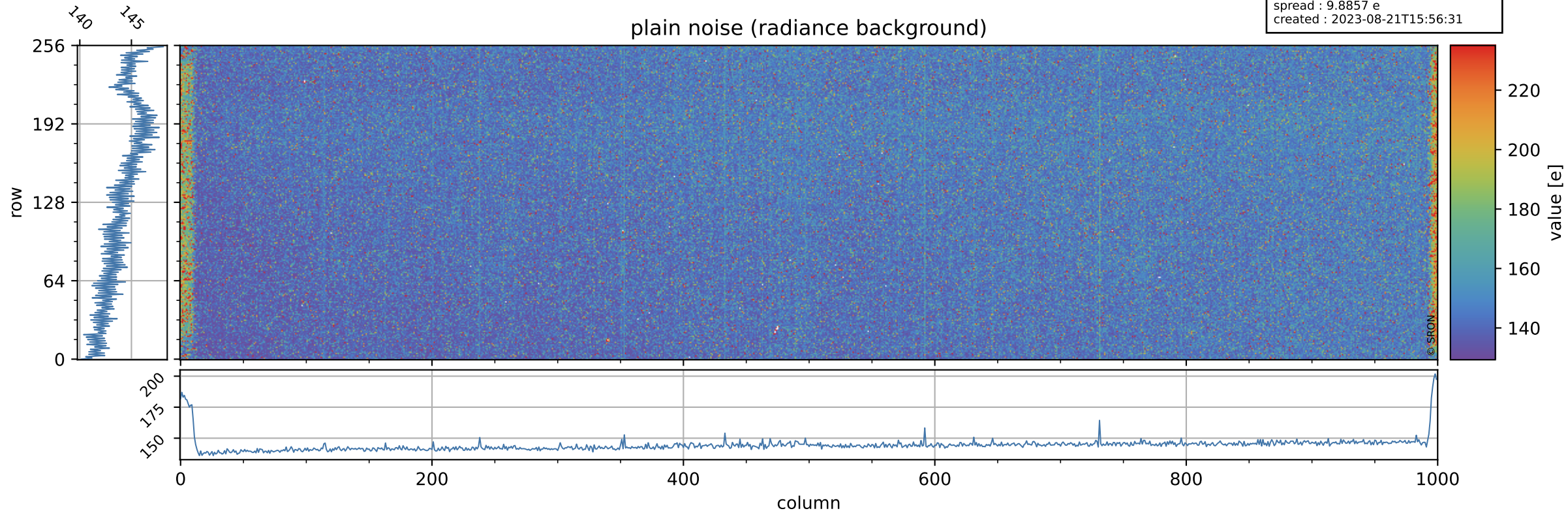
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
n_coad, t_exp : 1, 0.8383
median : 144 e
spread : 9.8857 e
created : 2023-08-21T15:56:31

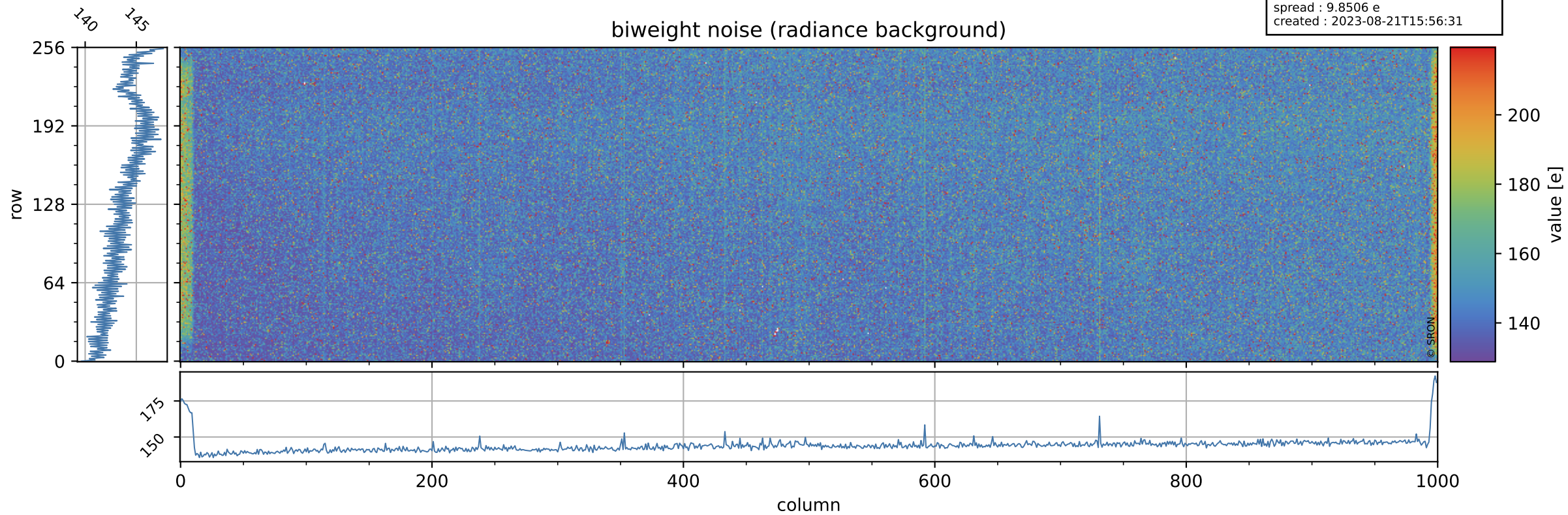
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8506 e
created : 2023-08-21T15:56:31

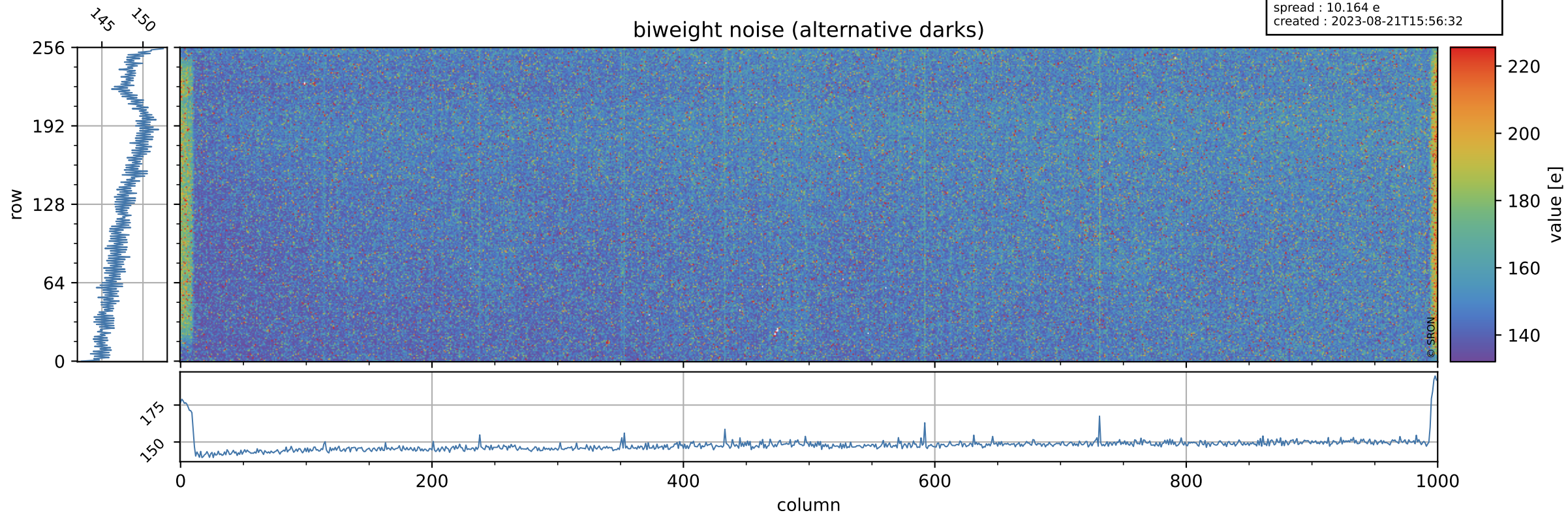
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.164 e
created : 2023-08-21T15:56:32

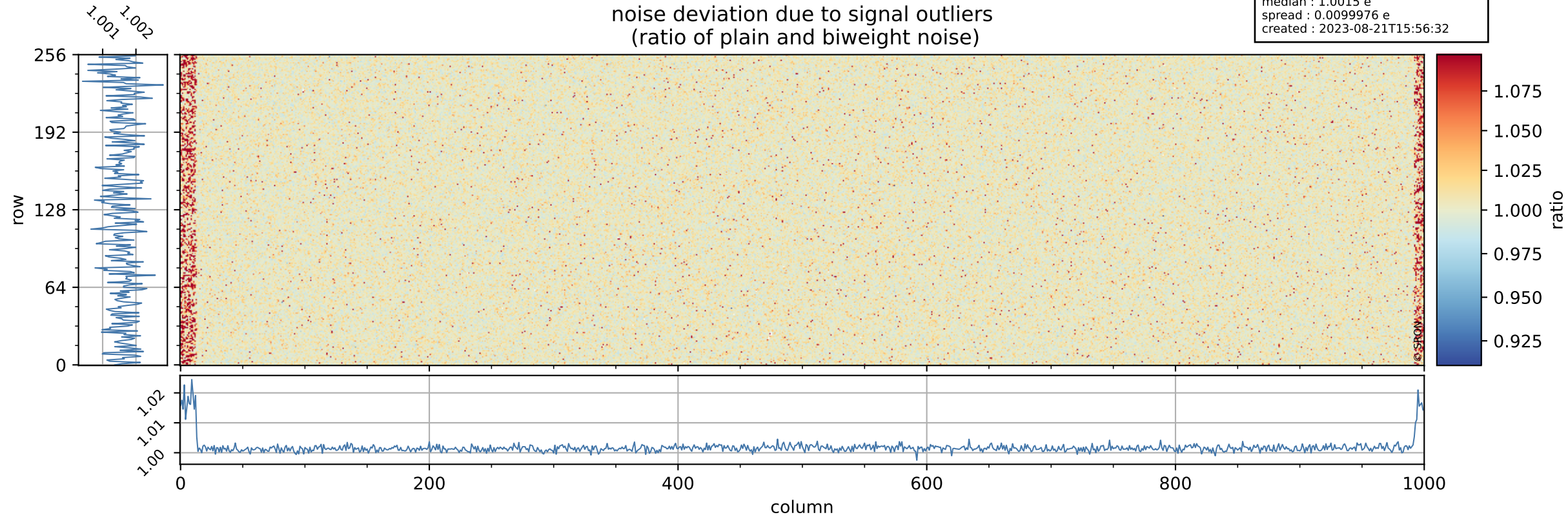
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

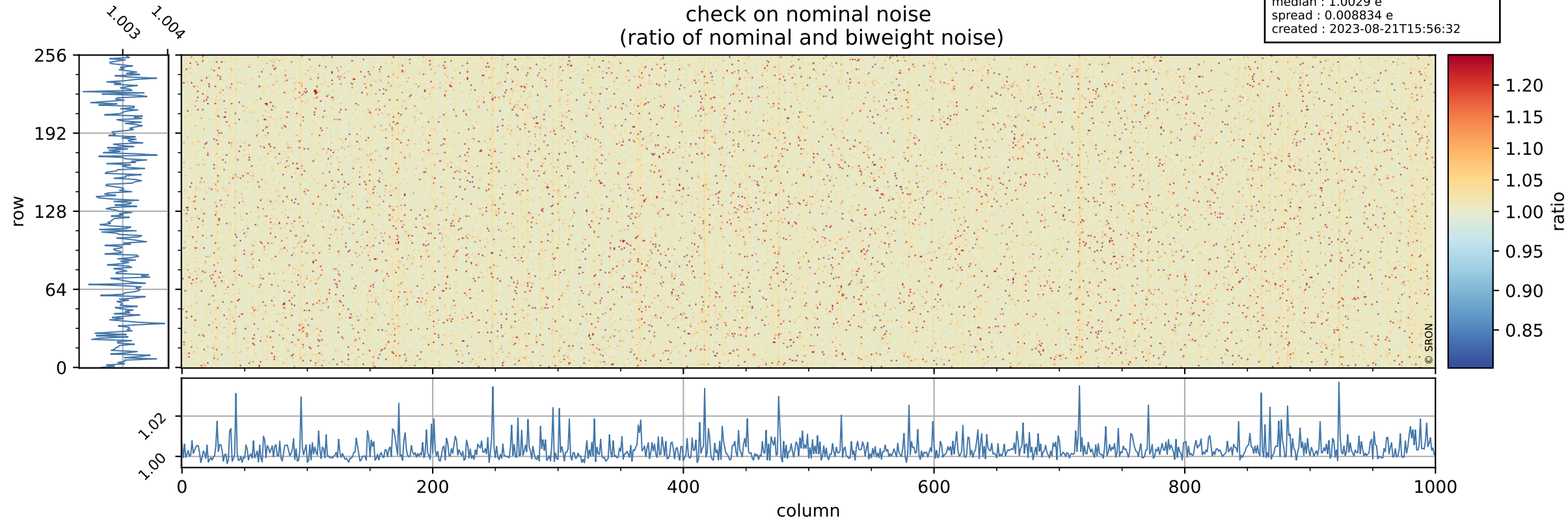
orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
median : 1.0015 e
spread : 0.0099976 e
created : 2023-08-21T15:56:32



Tropomi SWIR background noise (swir)

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

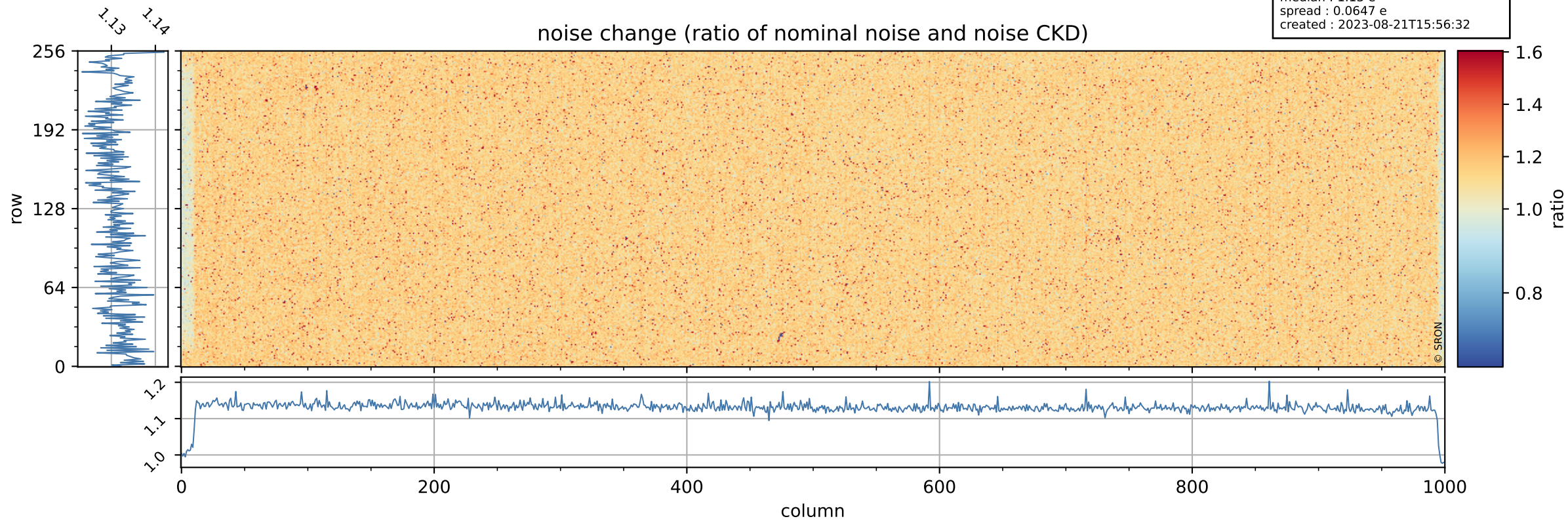
orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
median : 1.0029 e
spread : 0.008834 e
created : 2023-08-21T15:56:32



Tropomi SWIR background noise (swir)

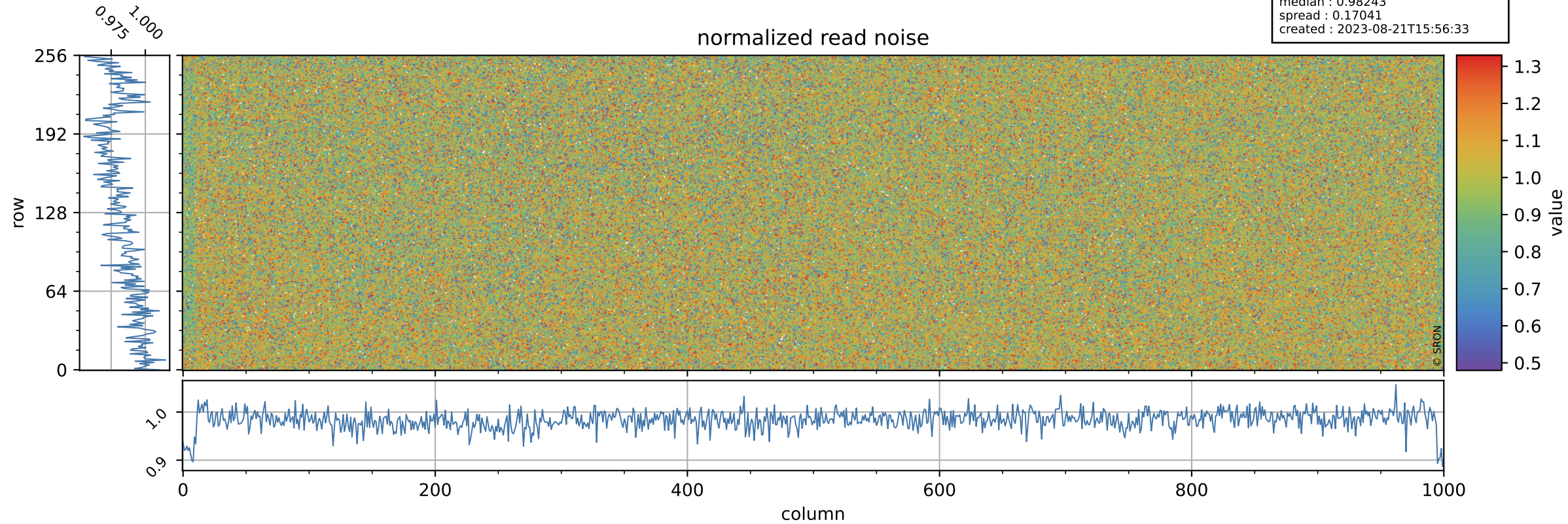
orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
median : 1.13 e
spread : 0.0647 e
created : 2023-08-21T15:56:32

noise change (ratio of nominal noise and noise CKD)



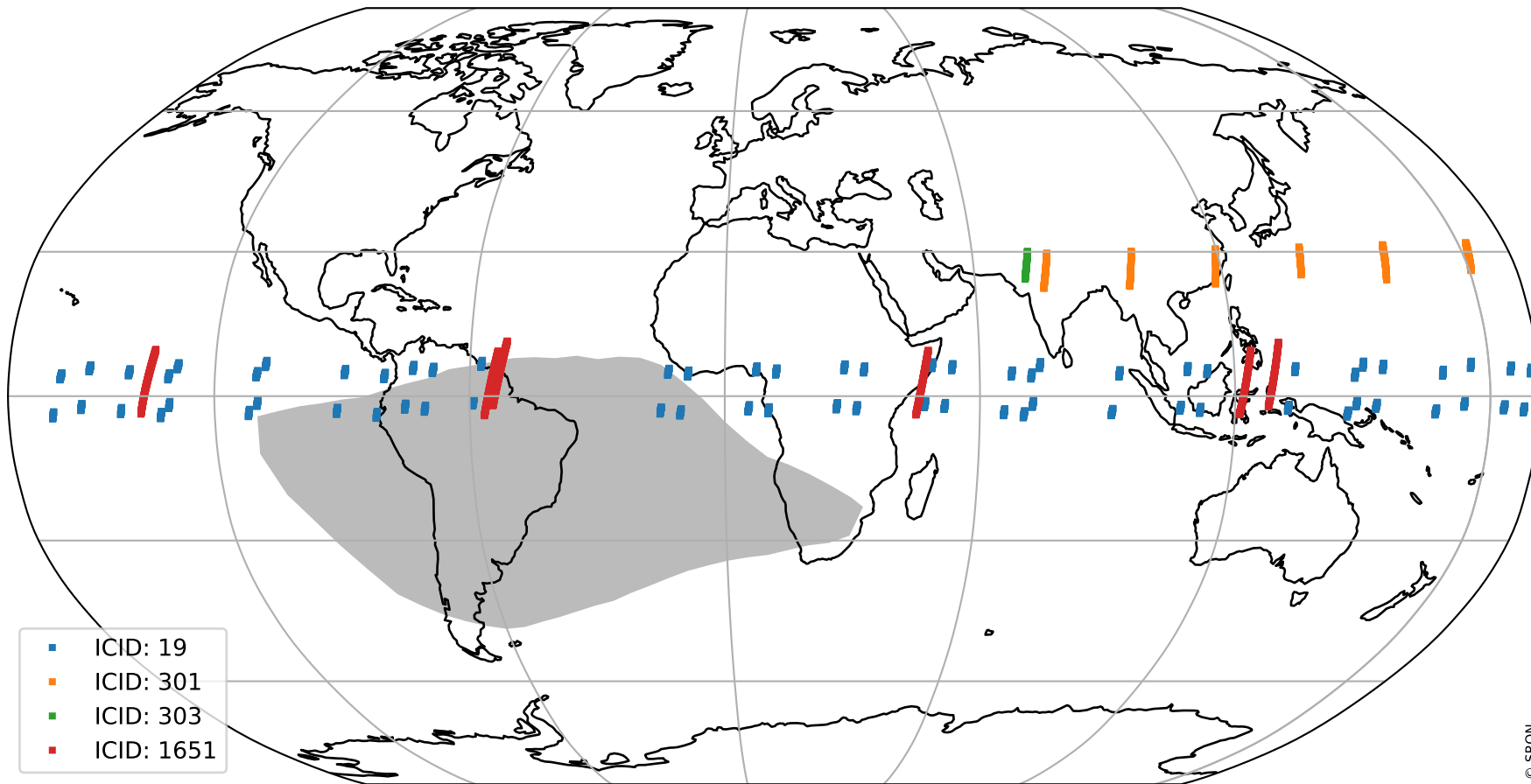
Tropomi SWIR background noise (swir)

orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
median : 0.98243
spread : 0.17041
created : 2023-08-21T15:56:33



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

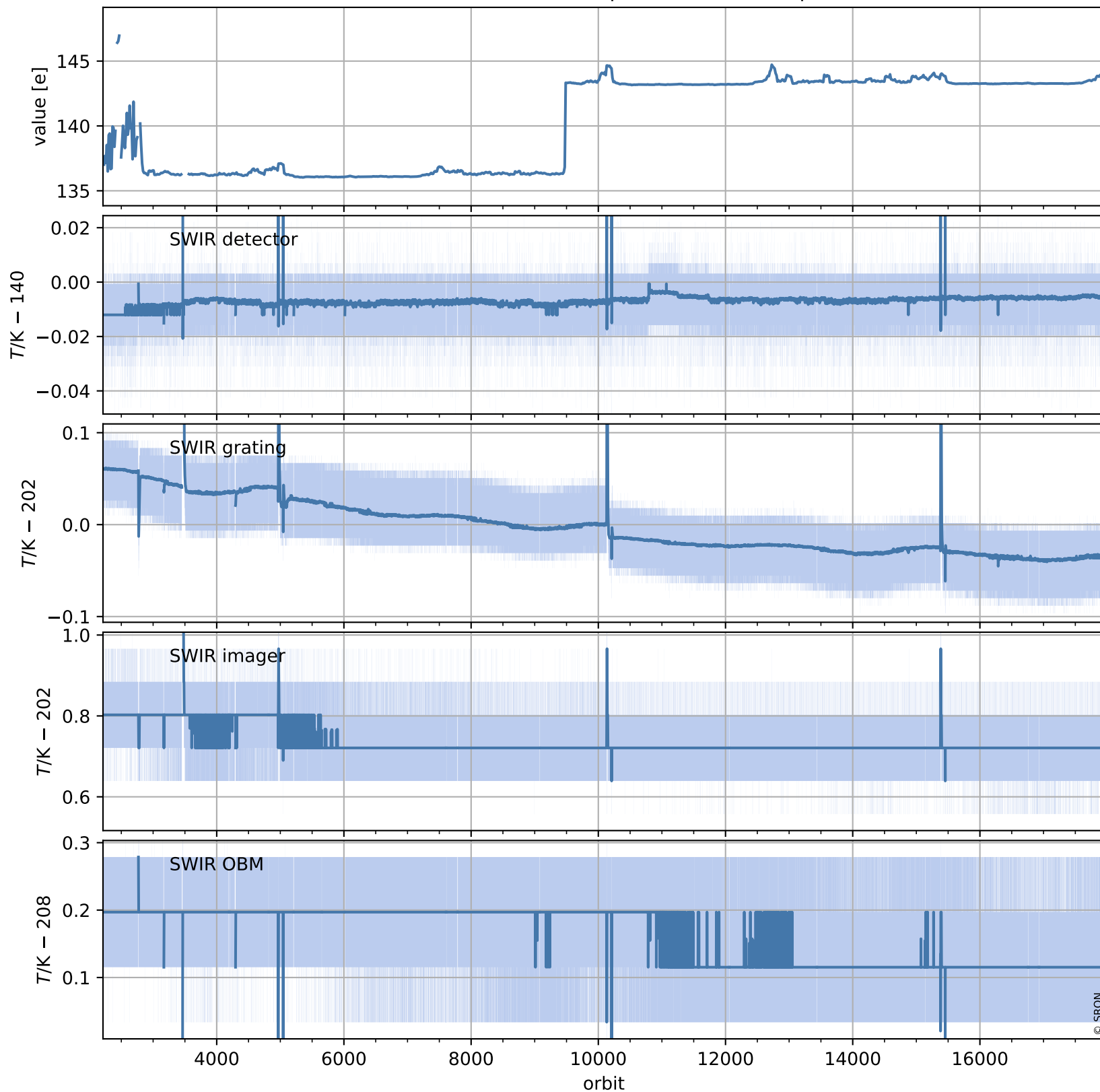
orbits : 13 in [17872, 17962]
coverage : 2021-03-26 / 2021-04-01
created : 2023-08-21T15:56:33



Tropomi SWIR background noise (swir)

orbits : [2212, 17962]
coverage : 2018-03-18 / 2021-04-01
created : 2023-08-21T15:56:33

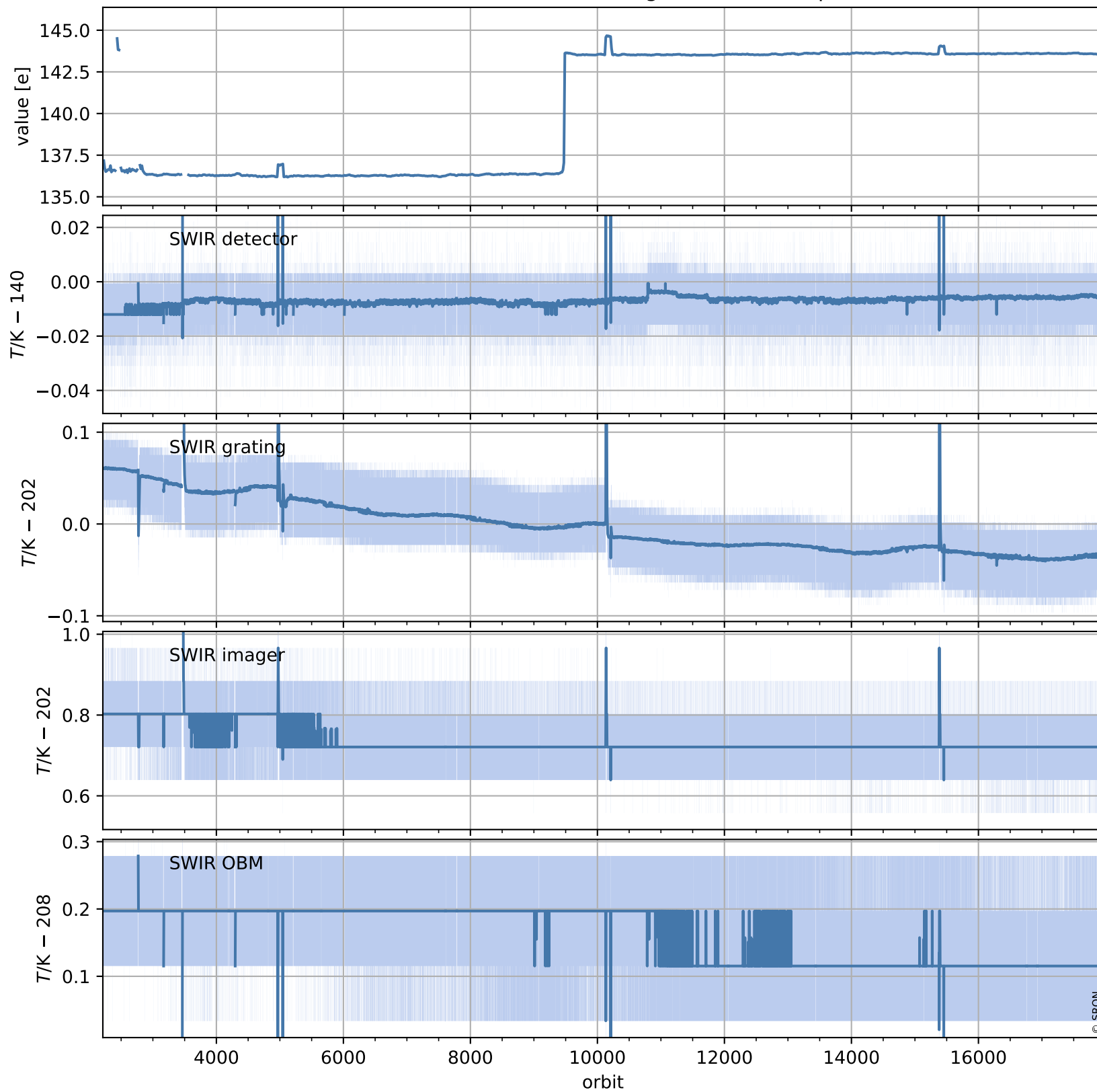
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17962]
coverage : 2018-03-18 / 2021-04-01
created : 2023-08-21T15:56:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17962]
coverage : 2018-03-18 / 2021-04-01
created : 2023-08-21T15:56:35

trend of normalized read-noise & temperatures

