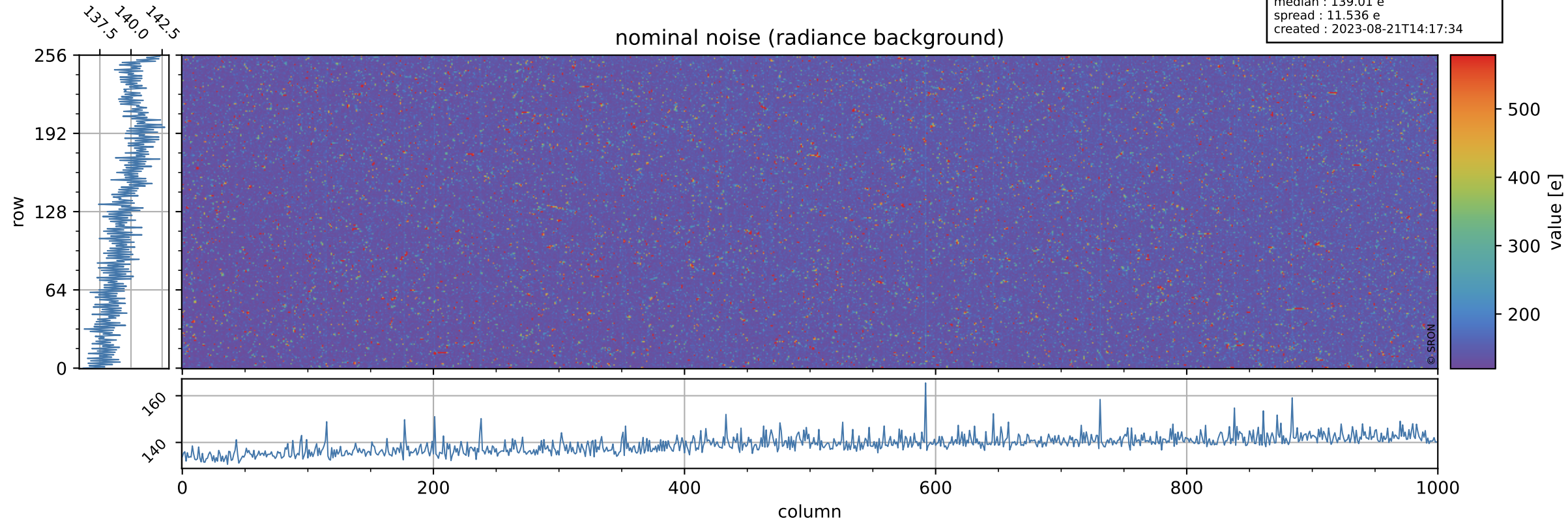


Tropomi SWIR background noise (swir)

orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
n_coad, t_exp : 2, 0.5383
median : 139.01 e
spread : 11.536 e
created : 2023-08-21T14:17:34

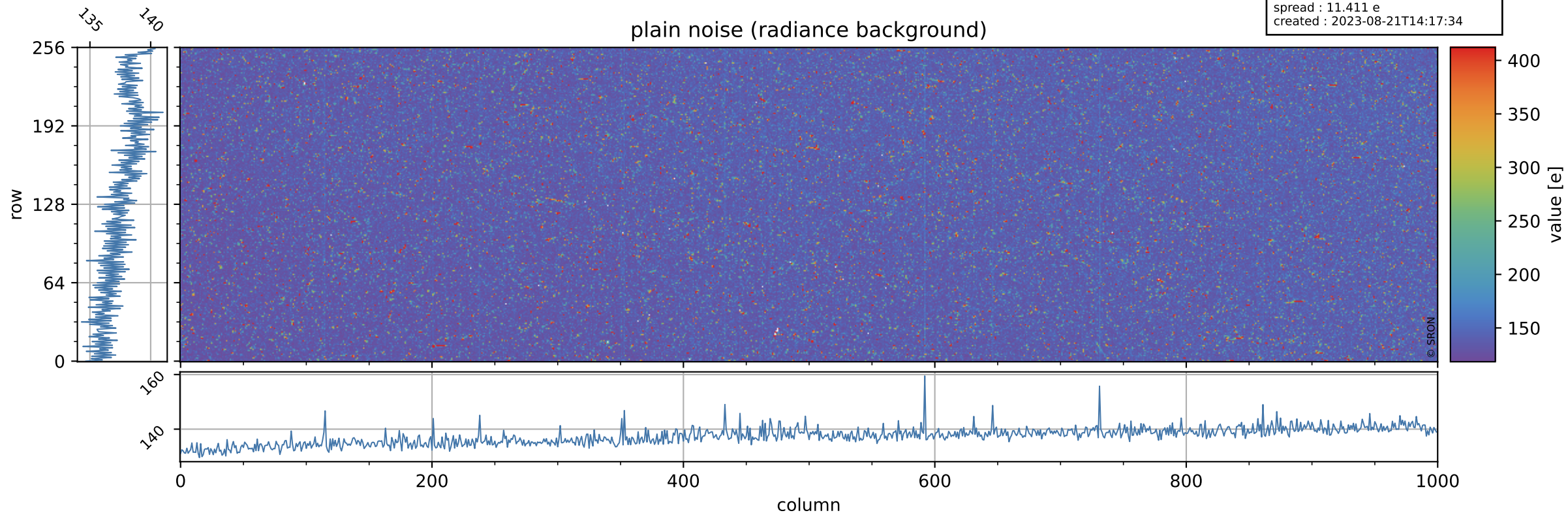
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
n_coad, t_exp : 2, 0.5383
median : 137.1 e
spread : 11.411 e
created : 2023-08-21T14:17:34

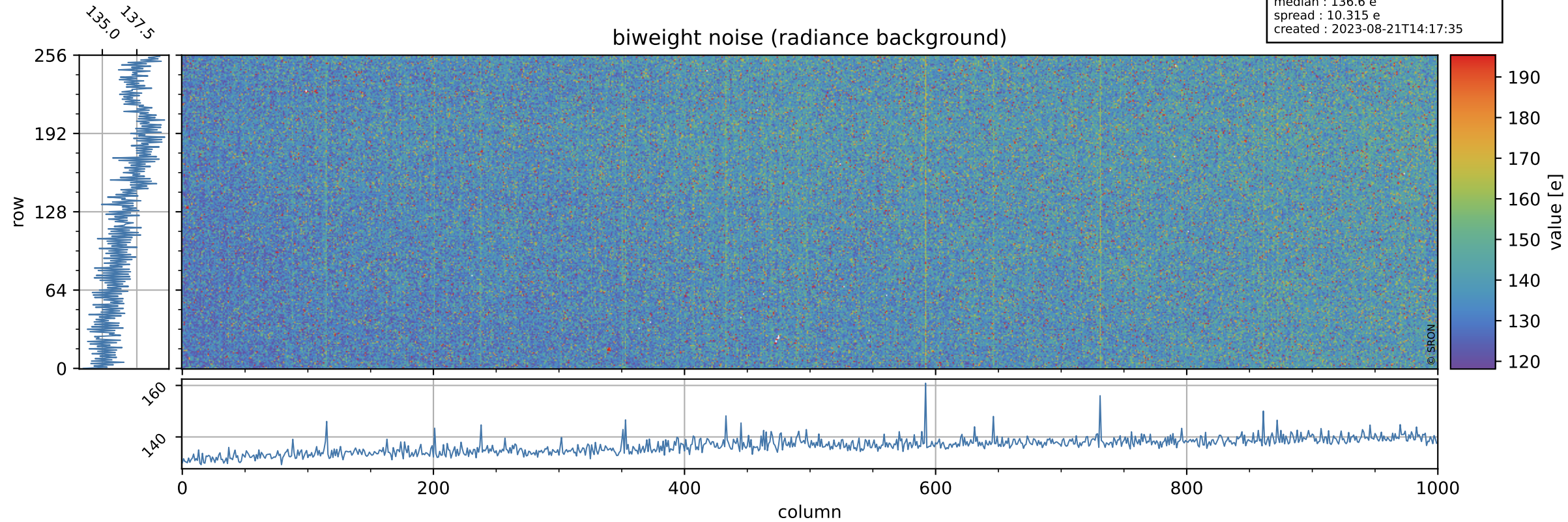
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
n_coad, t_exp : 2, 0.5383
median : 136.6 e
spread : 10.315 e
created : 2023-08-21T14:17:35

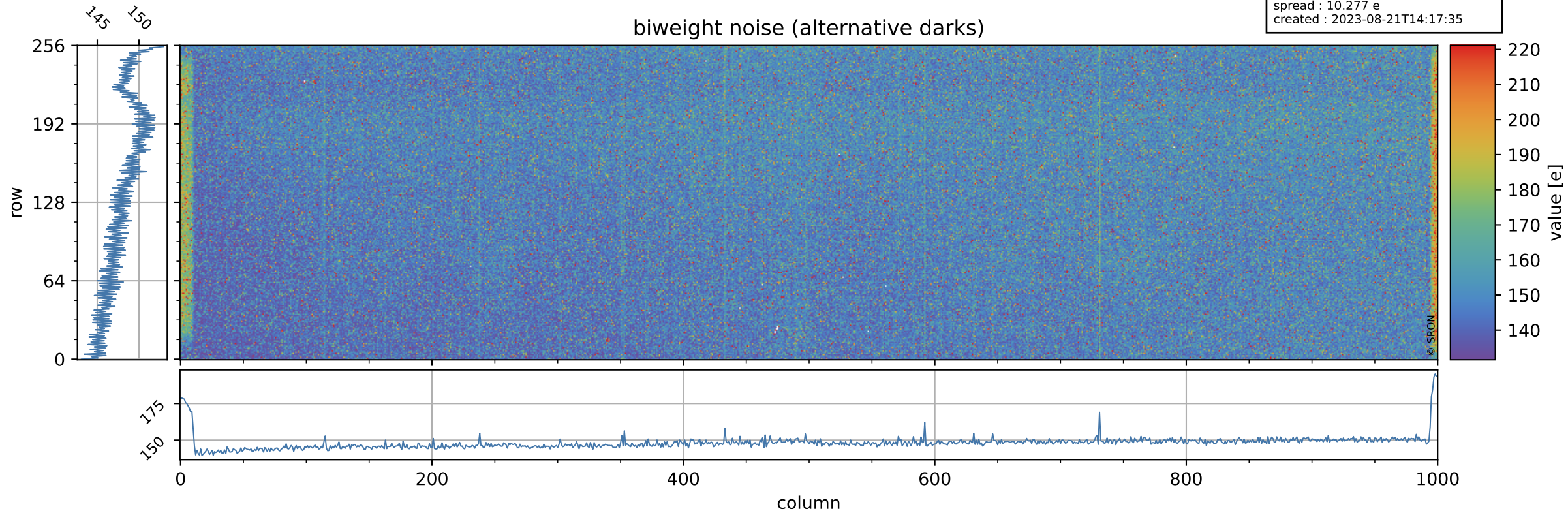
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
n_coad, t_exp : 1, 1.0783
median : 147.92 e
spread : 10.277 e
created : 2023-08-21T14:17:35

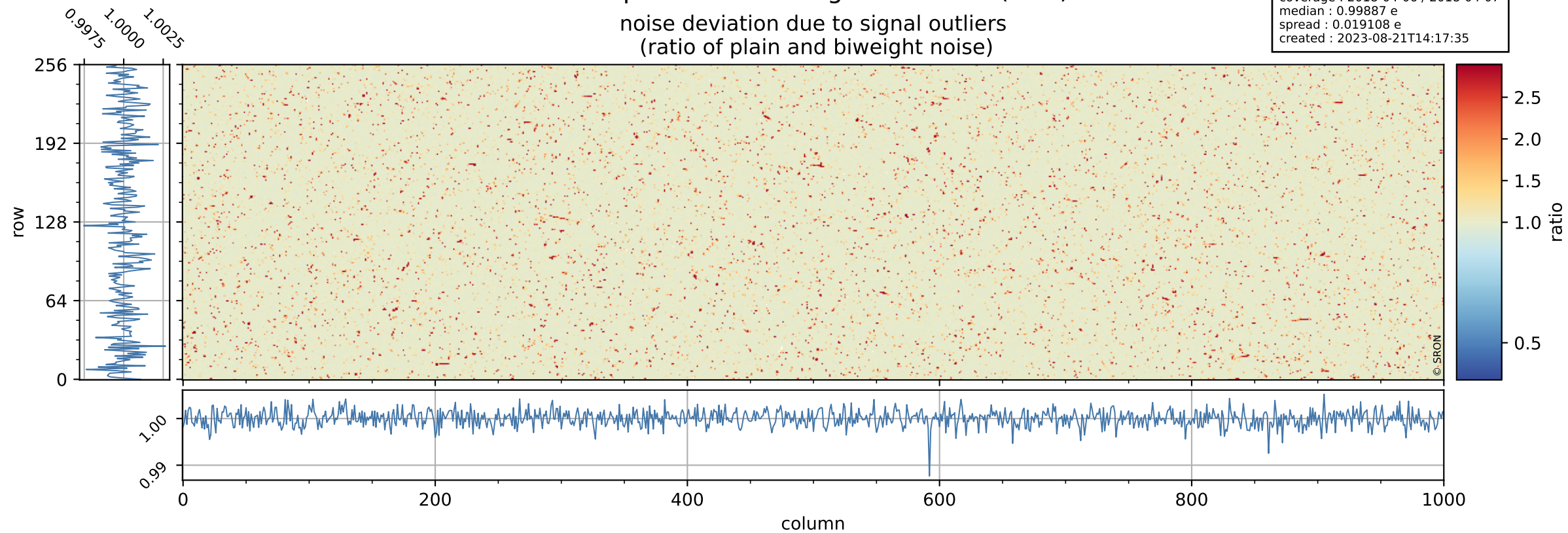
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

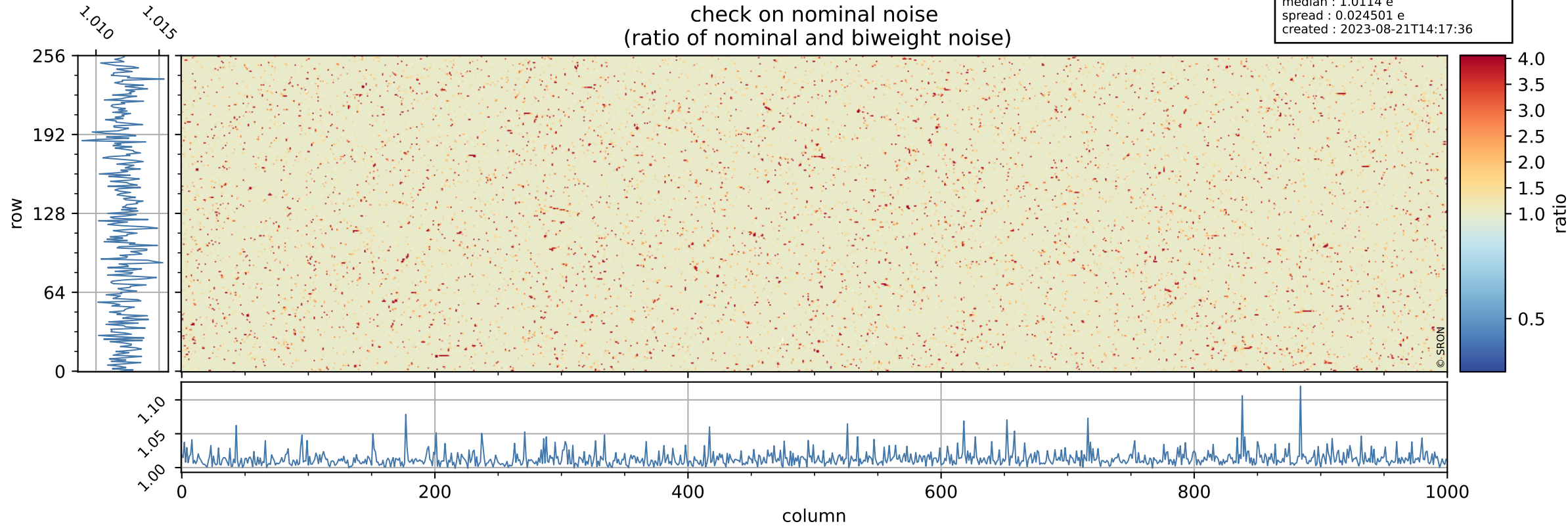
orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
median : 0.99887 e
spread : 0.019108 e
created : 2023-08-21T14:17:35



Tropomi SWIR background noise (swir)

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

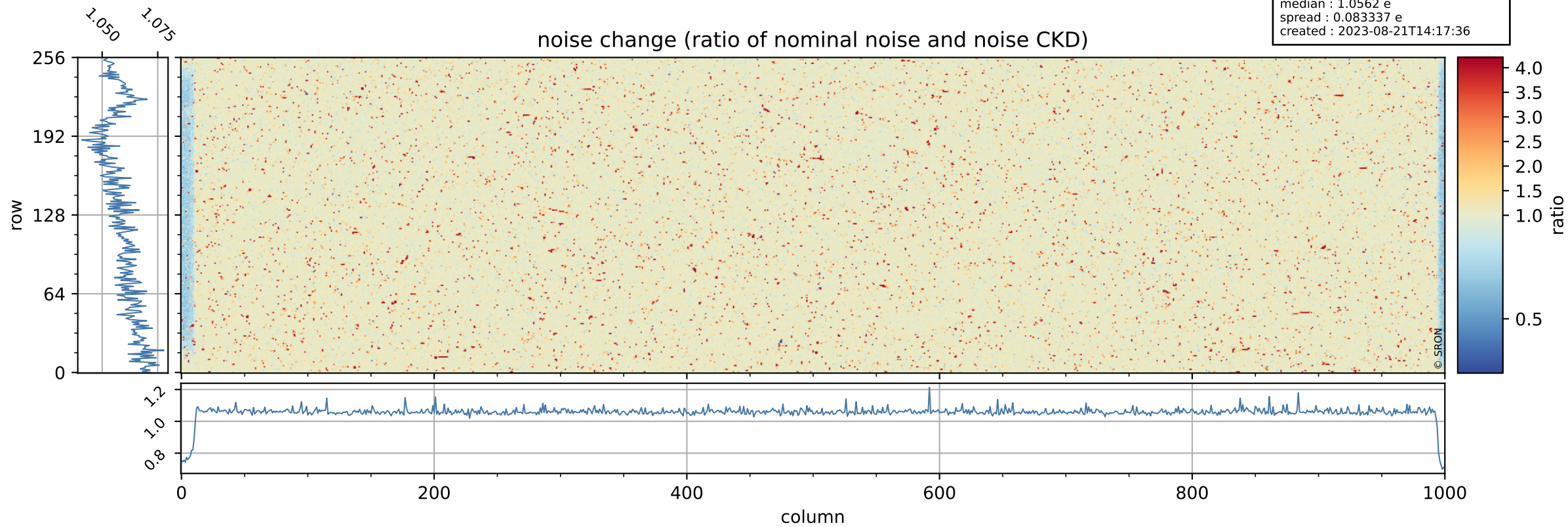
orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
median : 1.0114 e
spread : 0.024501 e
created : 2023-08-21T14:17:36



Tropomi SWIR background noise (swir)

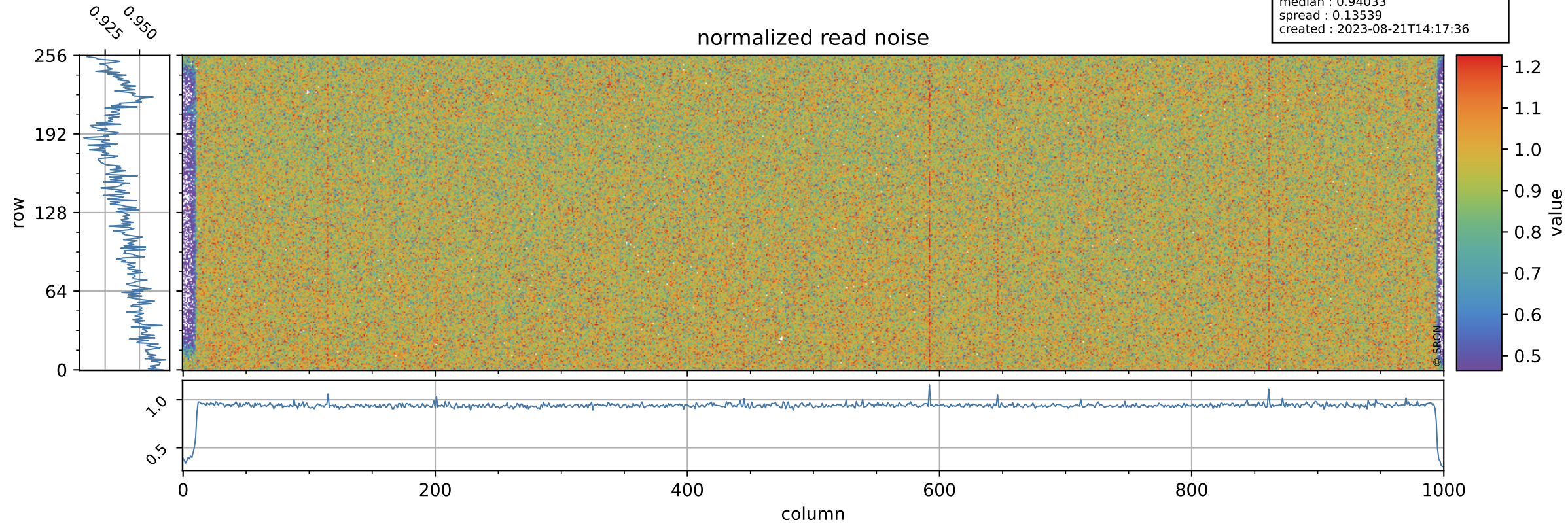
orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
median : 1.0562 e
spread : 0.083337 e
created : 2023-08-21T14:17:36

noise change (ratio of nominal noise and noise CKD)



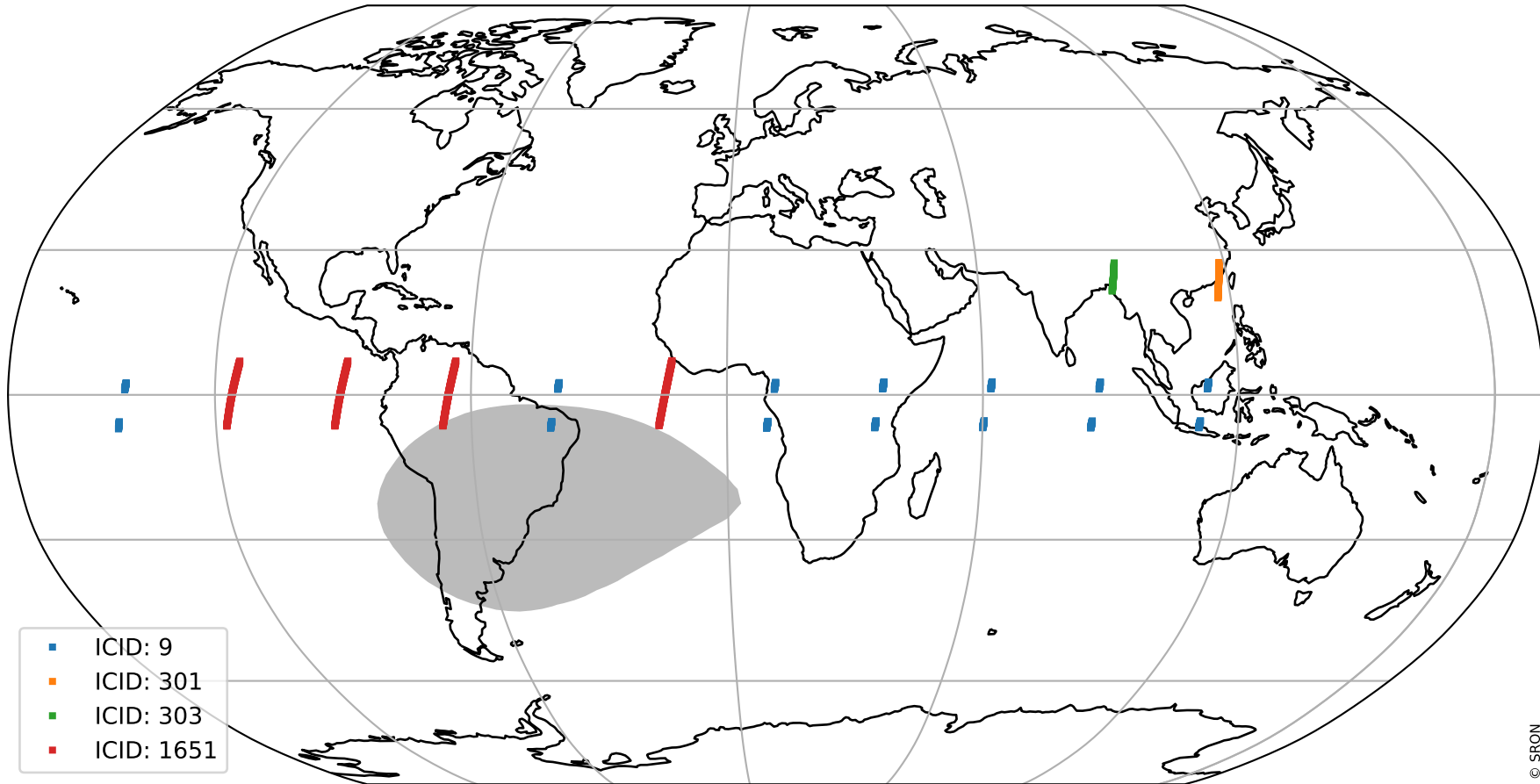
Tropomi SWIR background noise (swir)

orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
median : 0.94033
spread : 0.13539
created : 2023-08-21T14:17:36



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

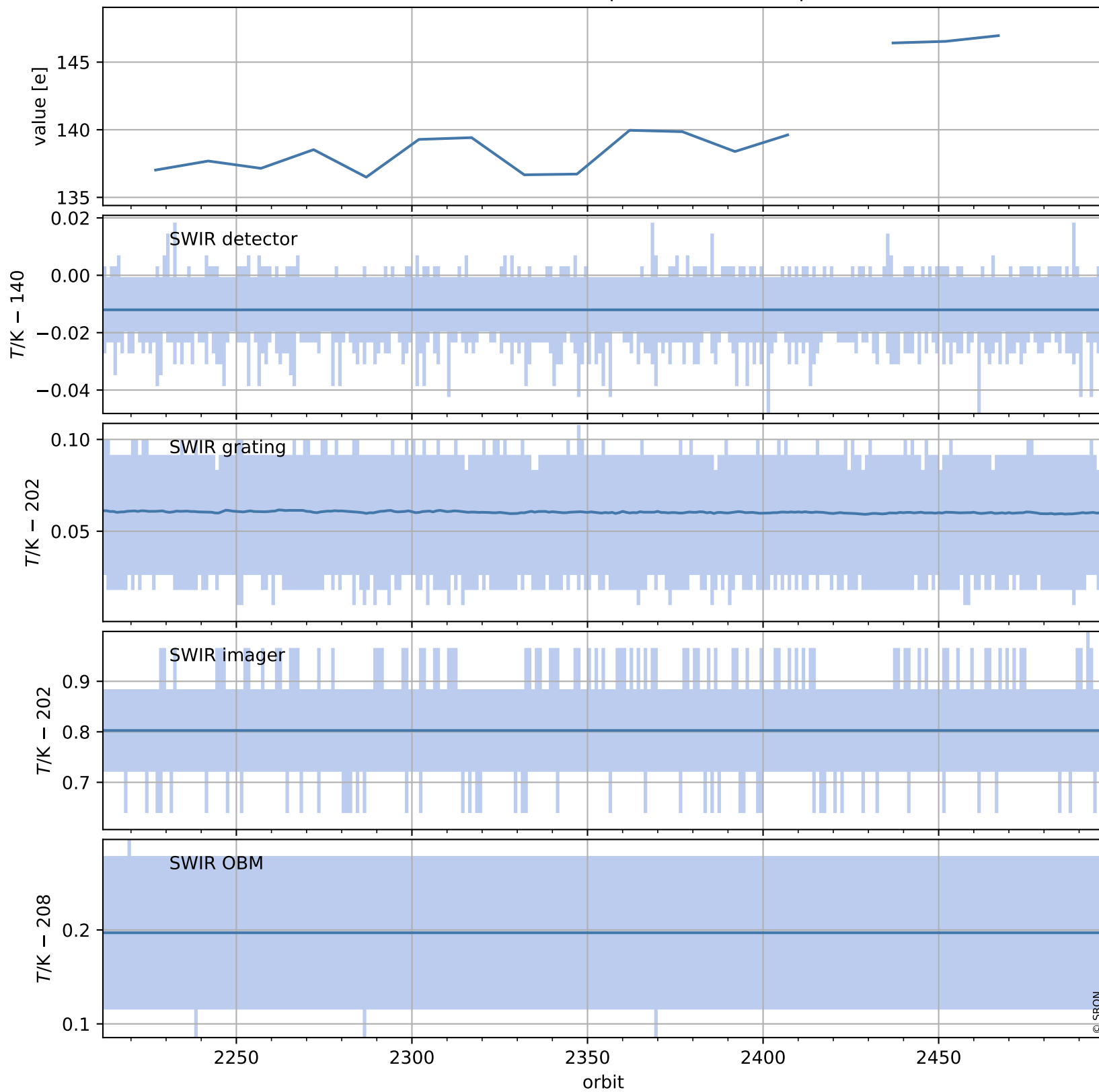
orbits : 7 in [2482, 2497]
coverage : 2018-04-06 / 2018-04-07
created : 2023-08-21T14:17:36



Tropomi SWIR background noise (swir)

orbits : [2212, 2497]
coverage : 2018-03-18 / 2018-04-07
created : 2023-08-21T14:17:37

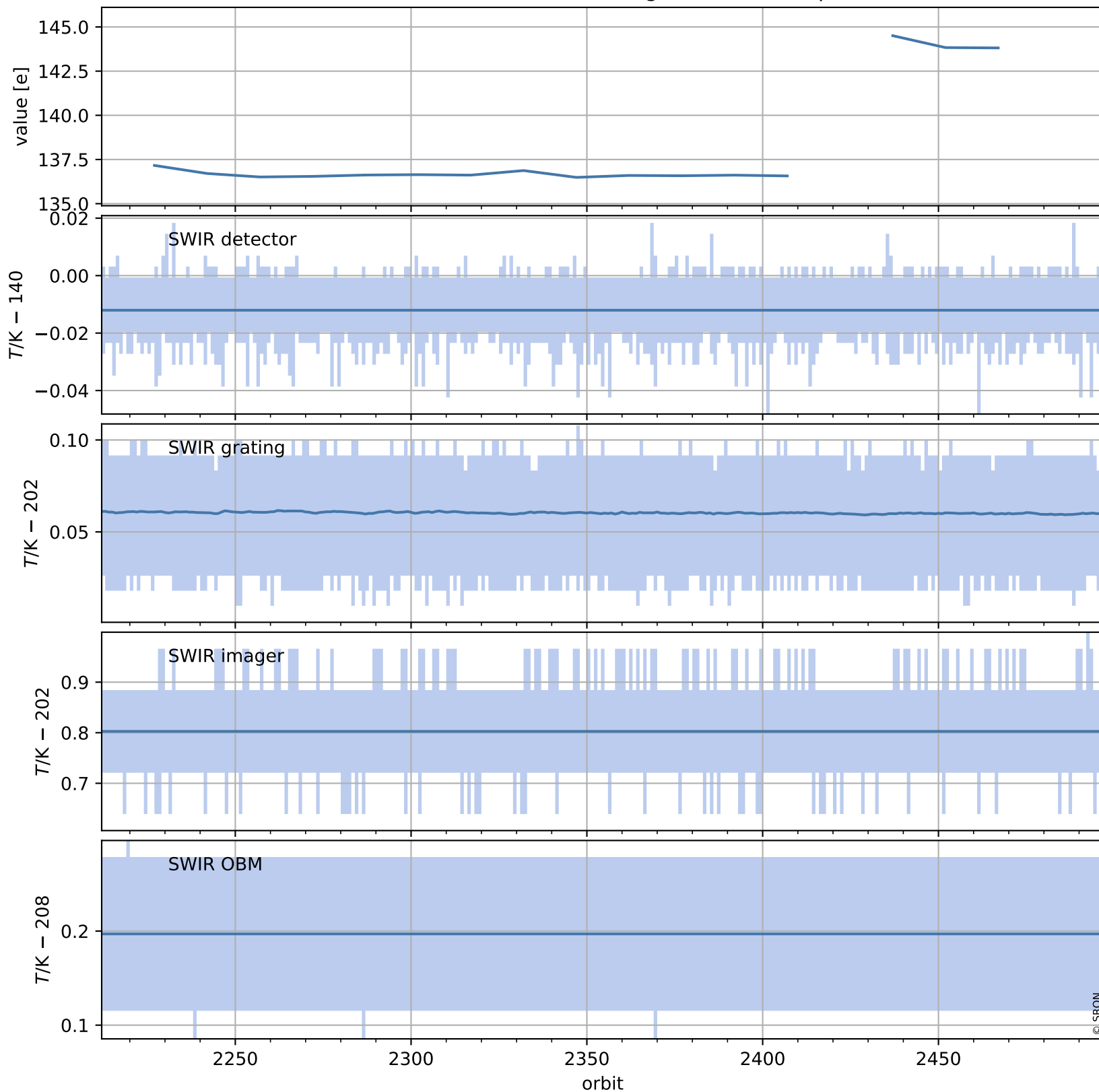
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2497]
coverage : 2018-03-18 / 2018-04-07
created : 2023-08-21T14:17:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2497]
coverage : 2018-03-18 / 2018-04-07
created : 2023-08-21T14:17:37

trend of normalized read-noise & temperatures

