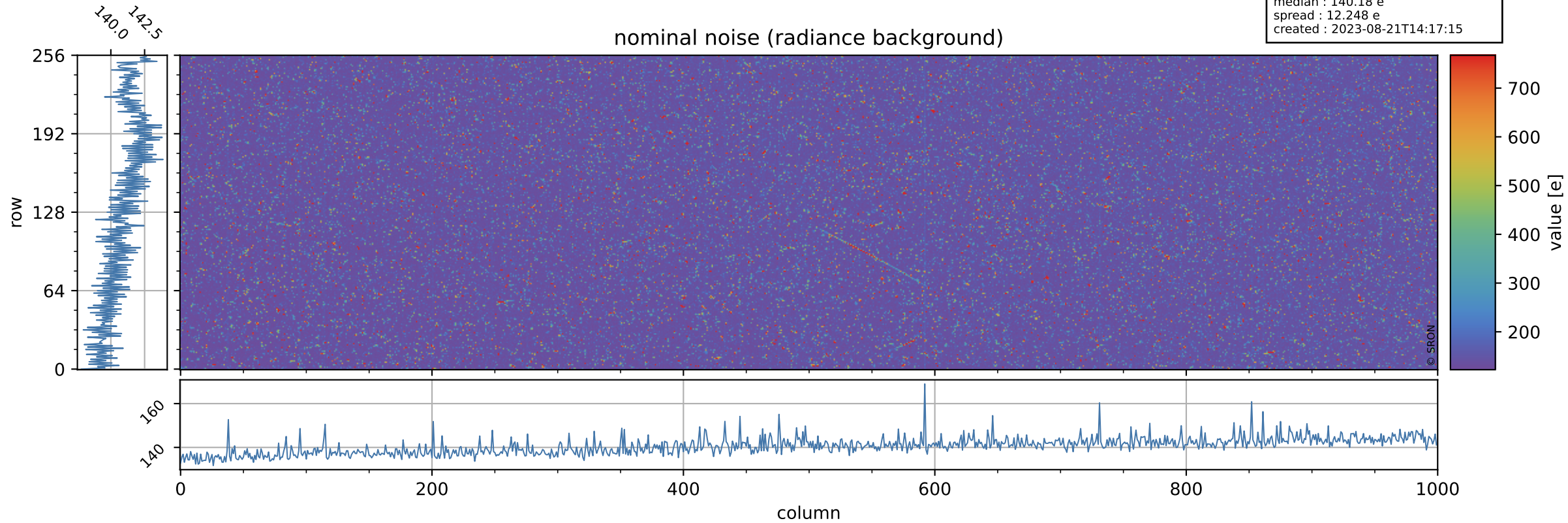


Tropomi SWIR background noise (swir)

orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
n_coad, t_exp : 2, 0.5383
median : 140.18 e
spread : 12.248 e
created : 2023-08-21T14:17:15

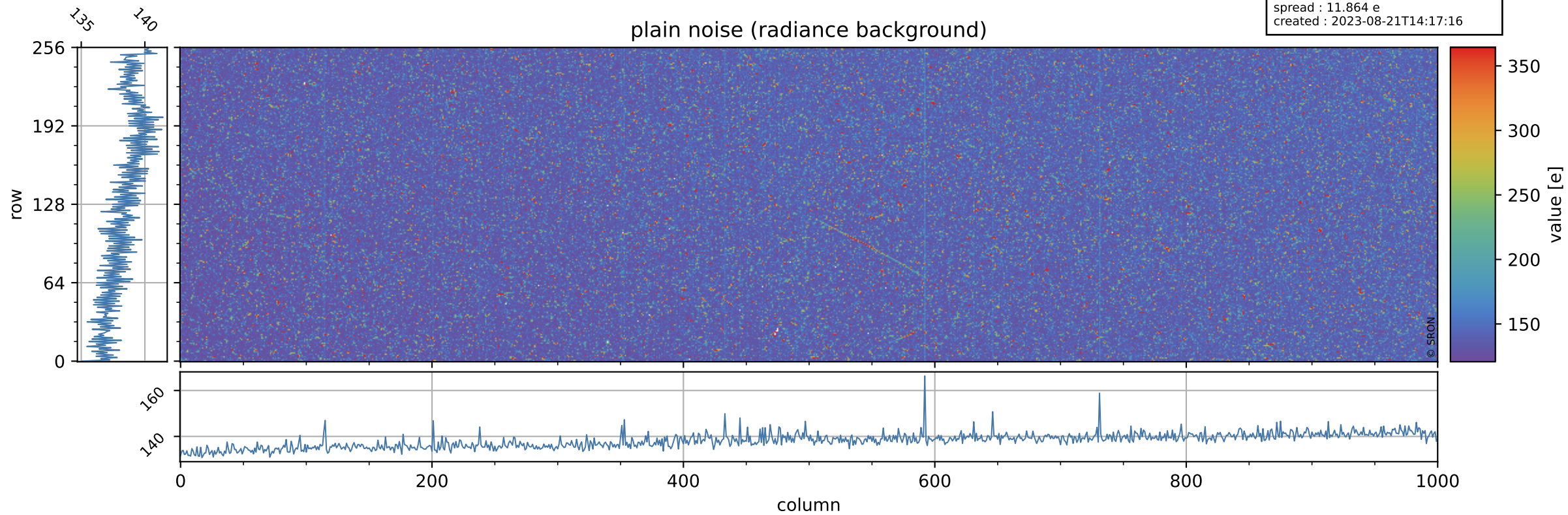
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
n_coad, t_exp : 2, 0.5383
median : 137.92 e
spread : 11.864 e
created : 2023-08-21T14:17:16

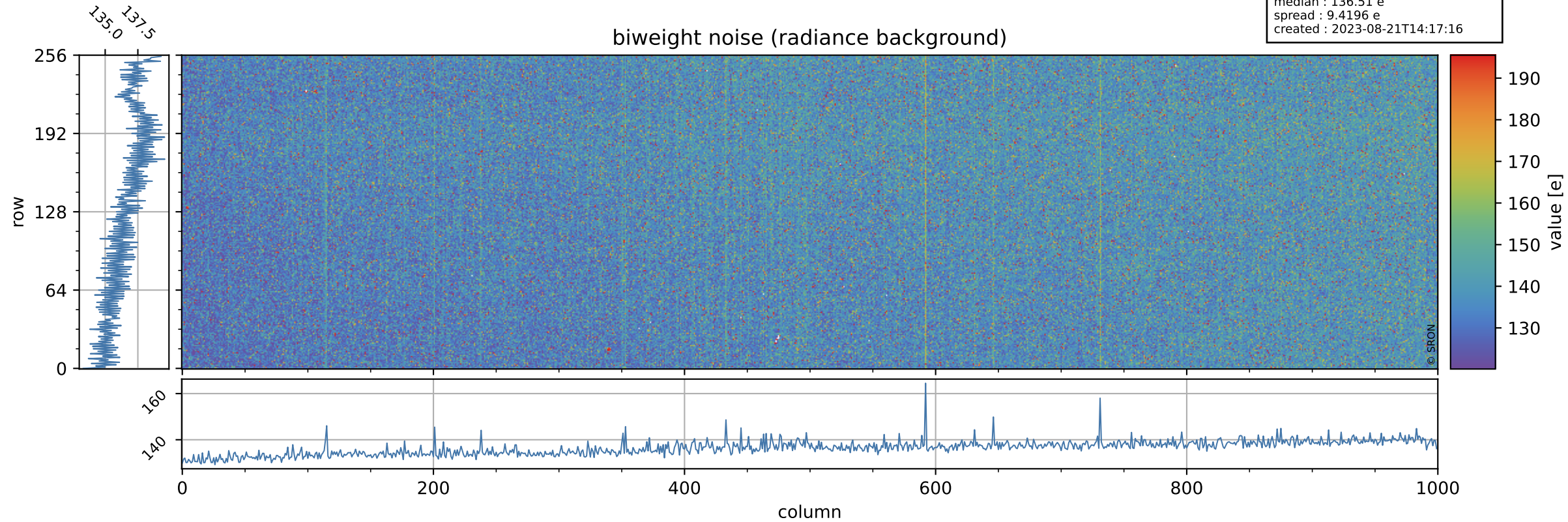
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
n_coad, t_exp : 2, 0.5383
median : 136.51 e
spread : 9.4196 e
created : 2023-08-21T14:17:16

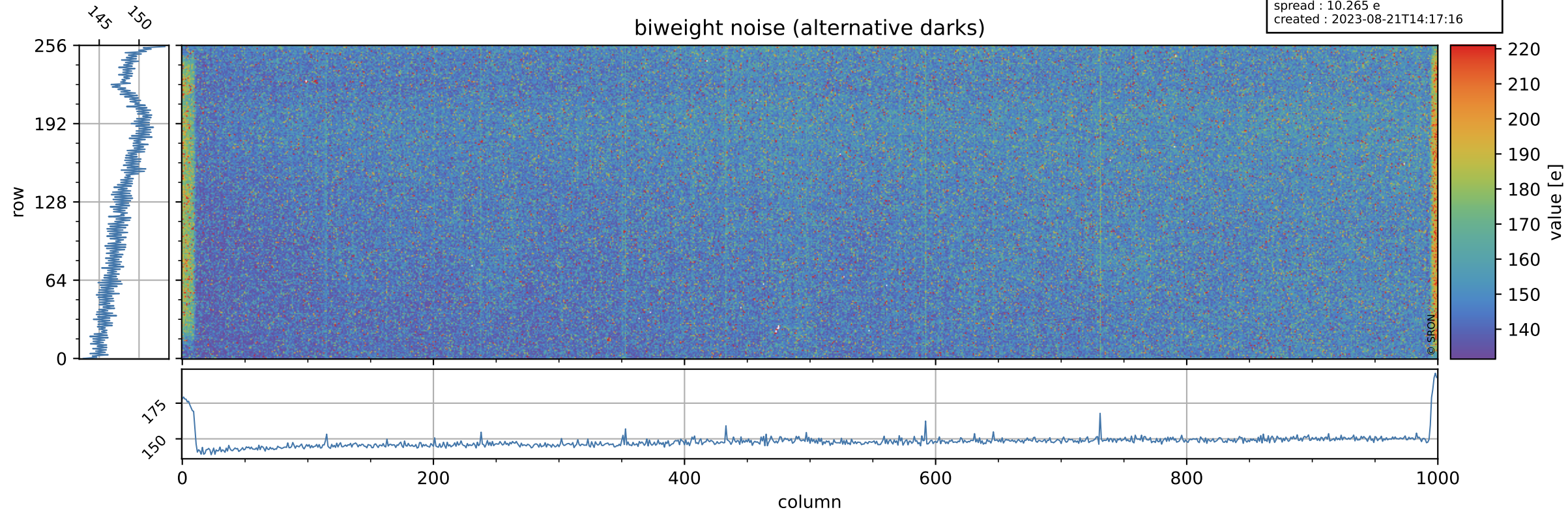
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.265 e
created : 2023-08-21T14:17:16

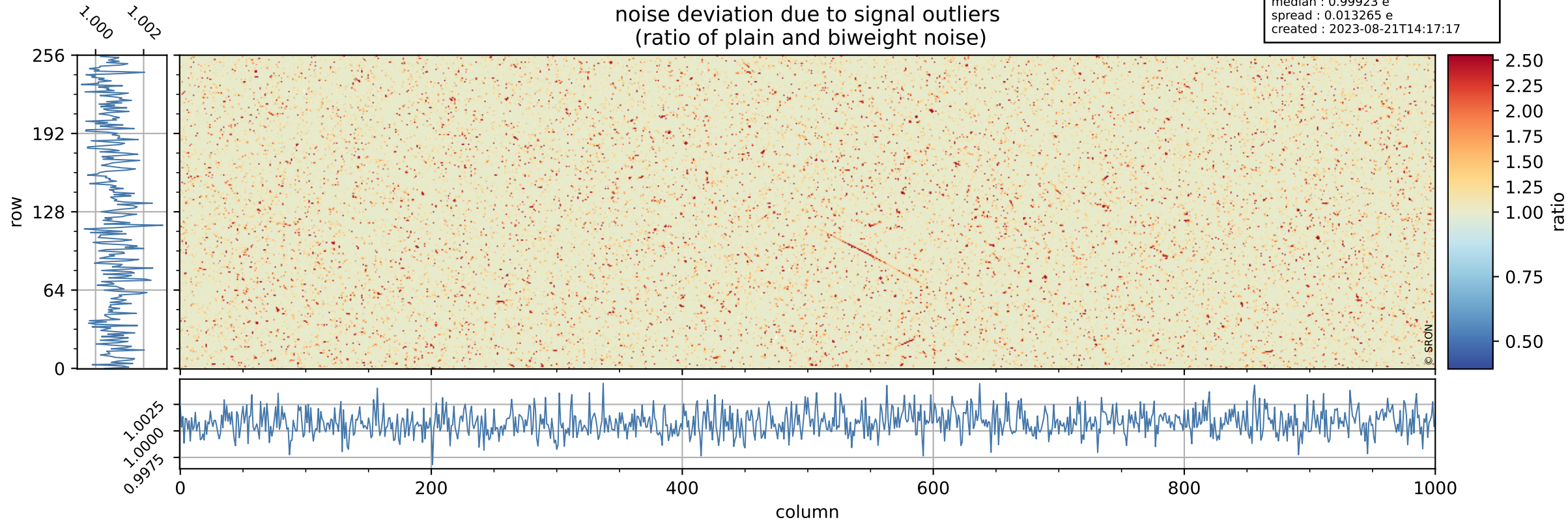
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

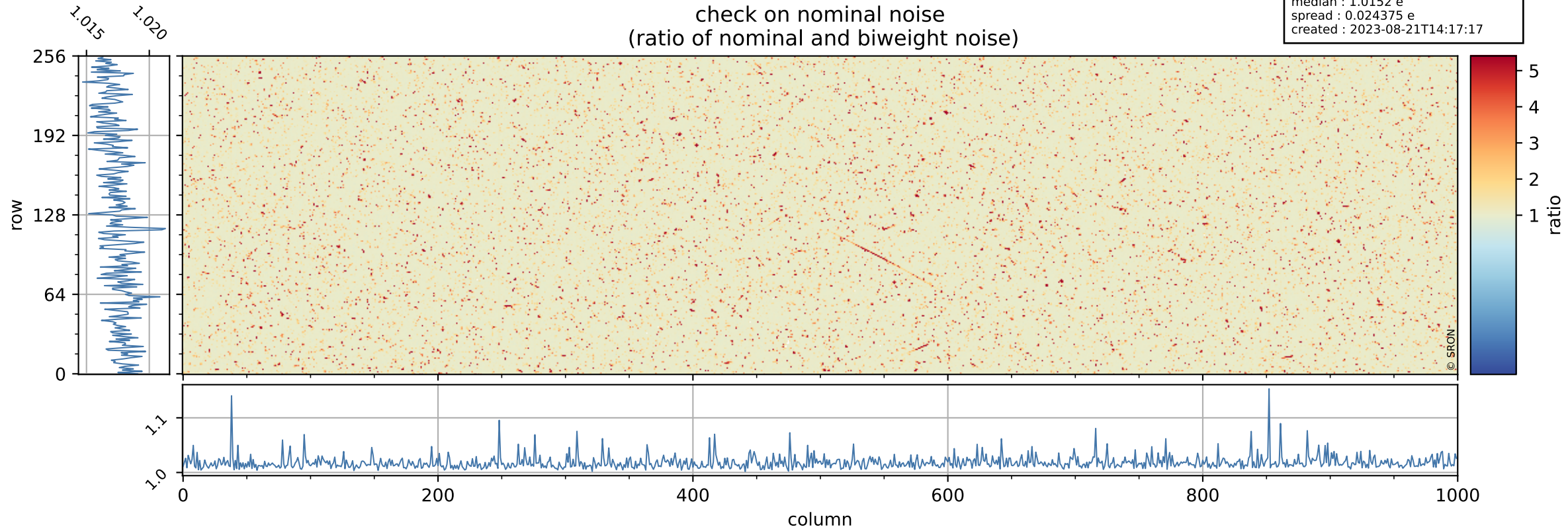
orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
median : 0.99923 e
spread : 0.013265 e
created : 2023-08-21T14:17:17



Tropomi SWIR background noise (swir)

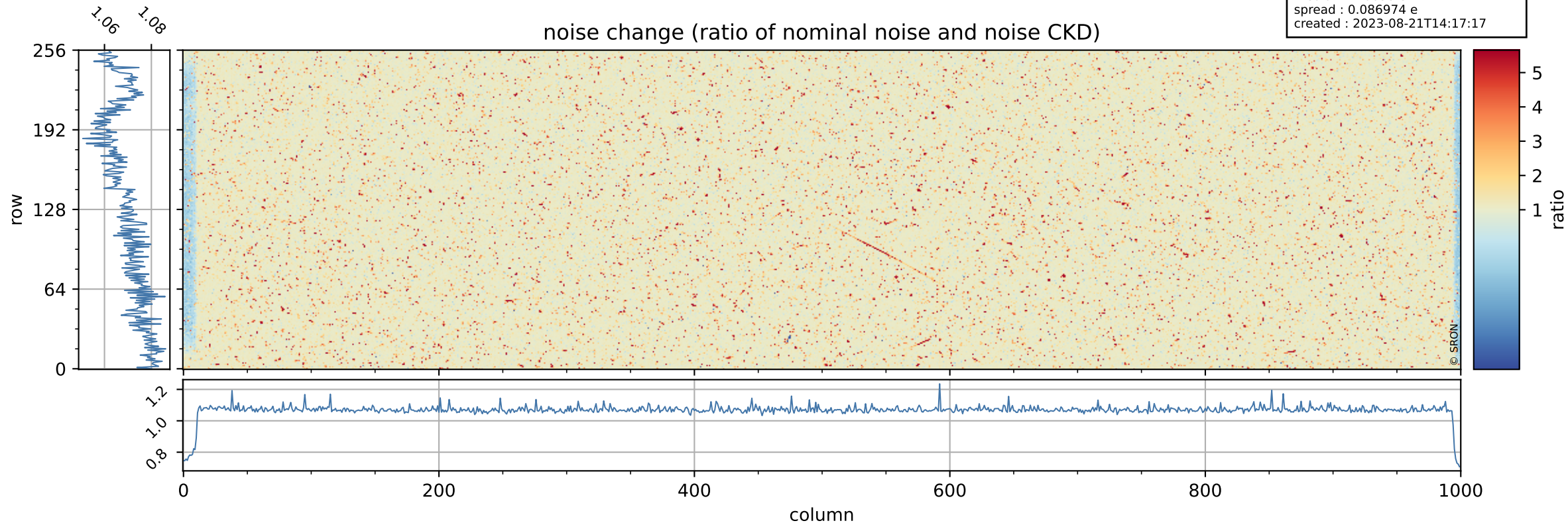
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
median : 1.0152 e
spread : 0.024375 e
created : 2023-08-21T14:17:17



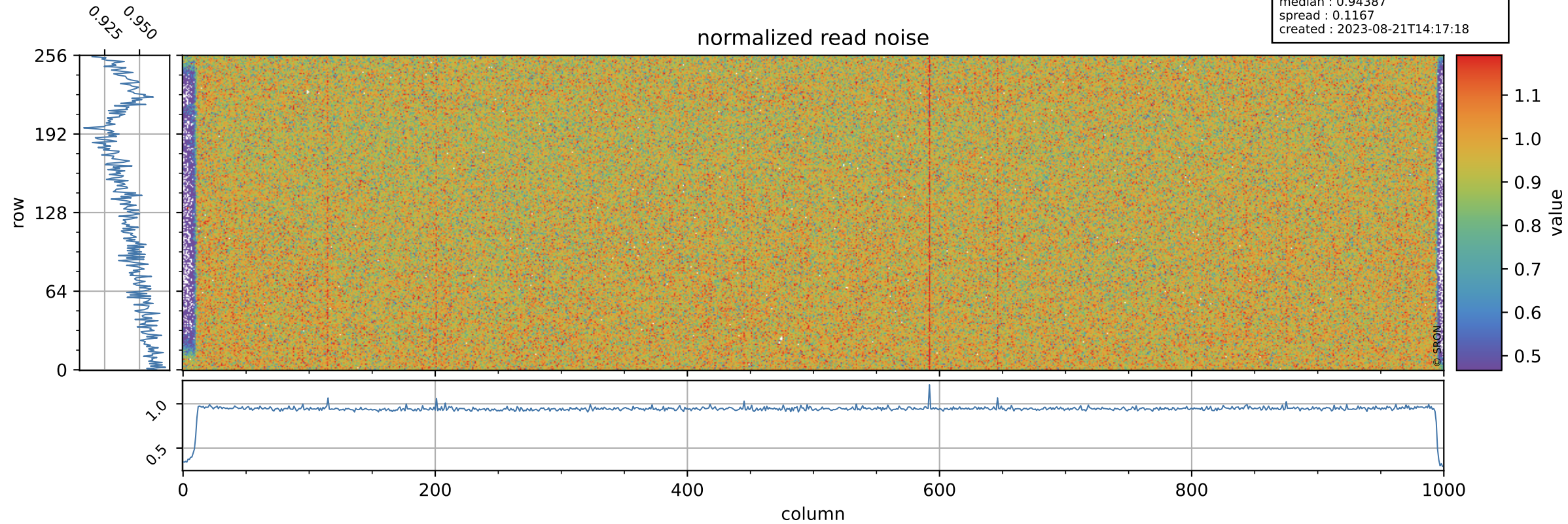
Tropomi SWIR background noise (swir)

orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
median : 1.0638 e
spread : 0.086974 e
created : 2023-08-21T14:17:17



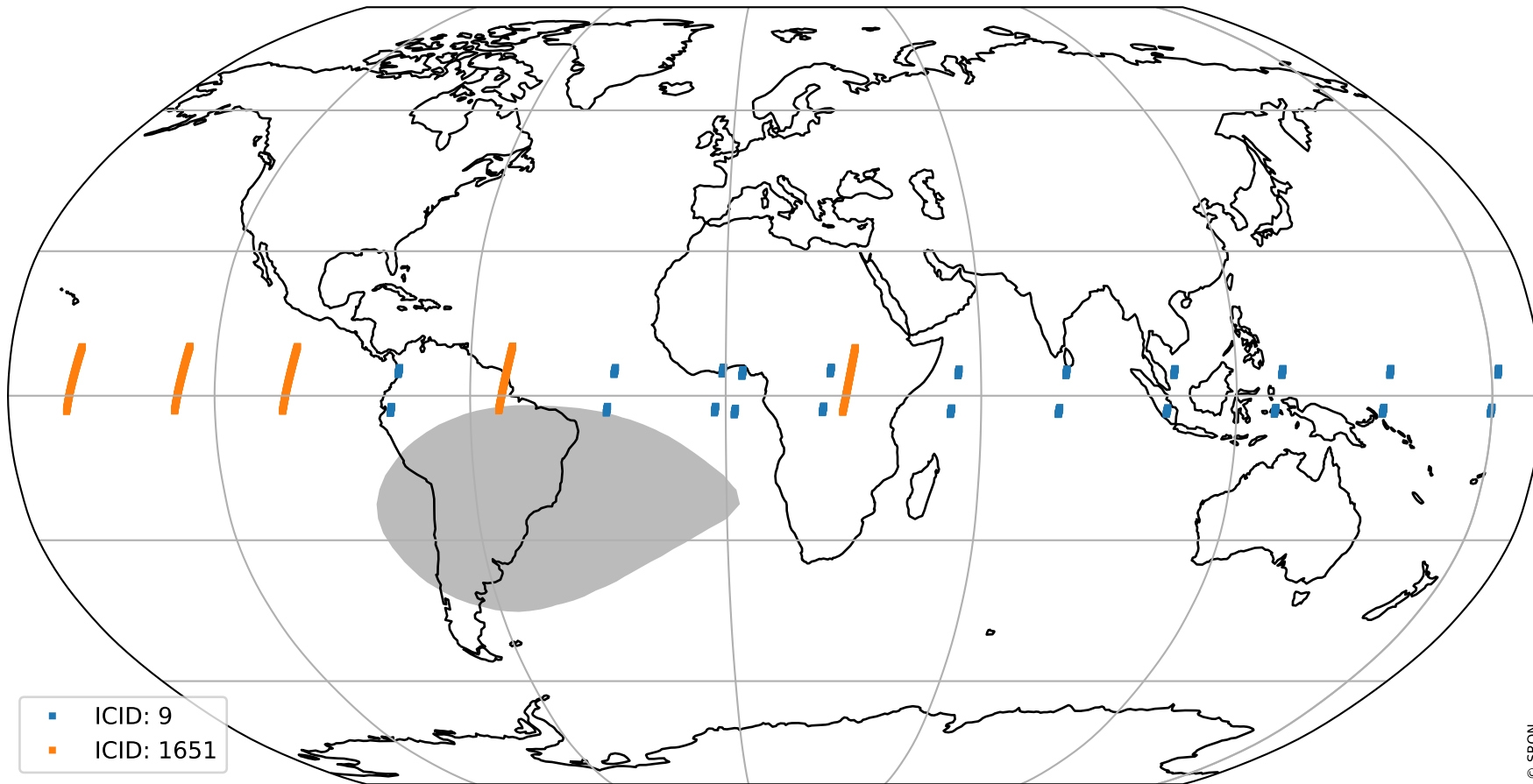
Tropomi SWIR background noise (swir)

orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
median : 0.94387
spread : 0.1167
created : 2023-08-21T14:17:18



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

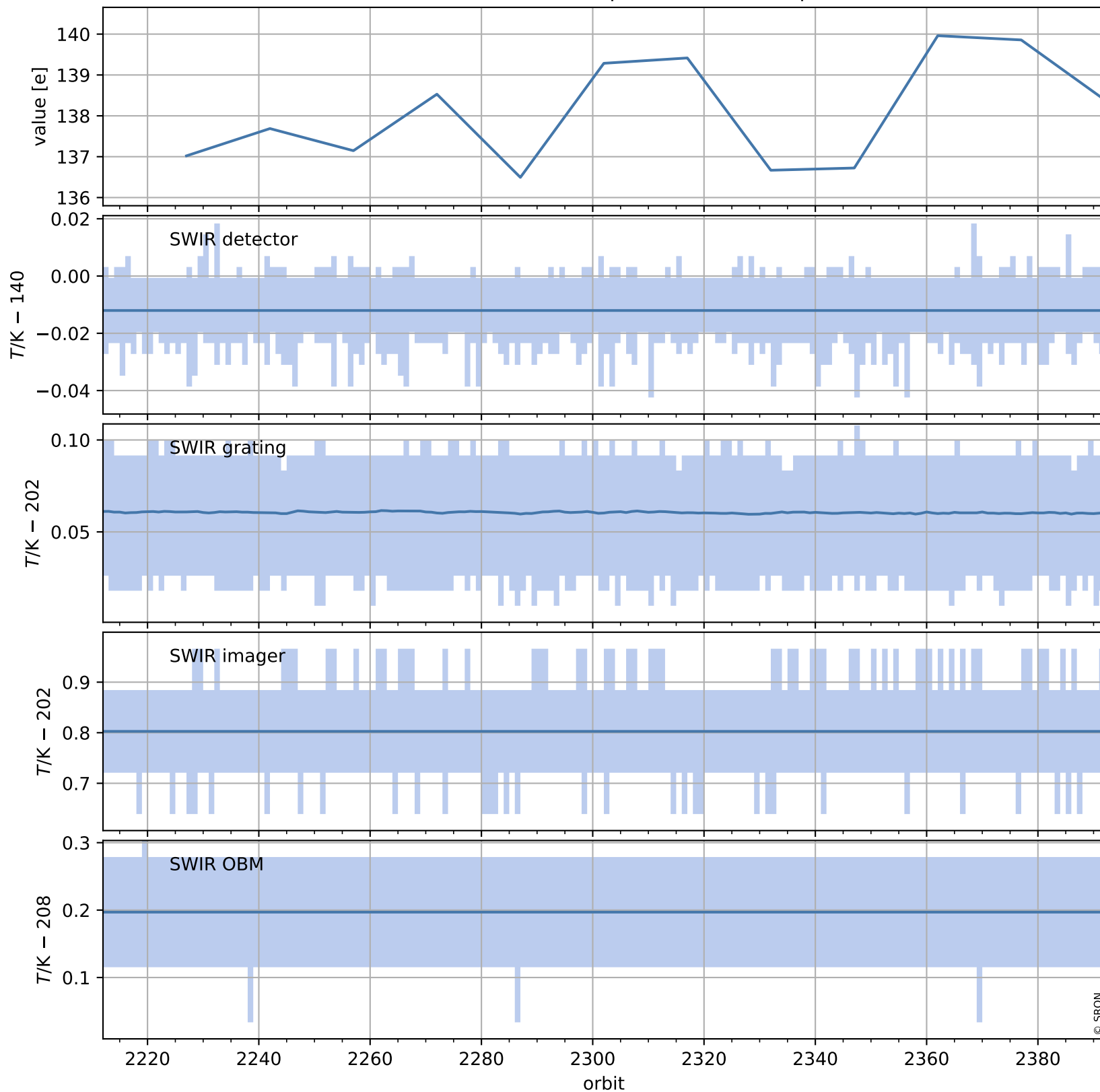
orbits : 11 in [2377, 2392]
coverage : 2018-03-29 / 2018-03-31
created : 2023-08-21T14:17:18



Tropomi SWIR background noise (swir)

orbits : [2212, 2392]
coverage : 2018-03-18 / 2018-03-31
created : 2023-08-21T14:17:18

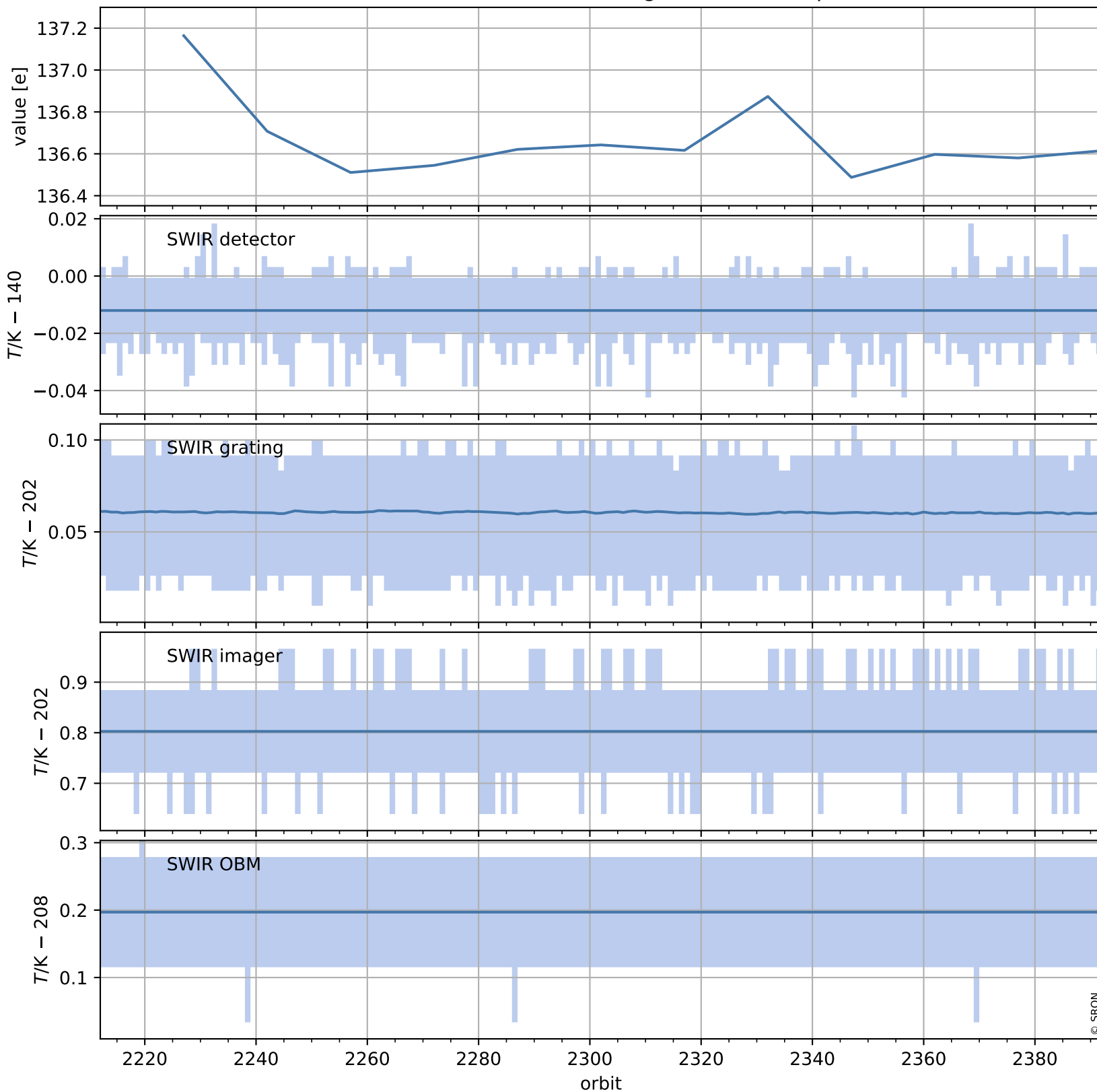
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2392]
coverage : 2018-03-18 / 2018-03-31
created : 2023-08-21T14:17:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2392]
coverage : 2018-03-18 / 2018-03-31
created : 2023-08-21T14:17:19

trend of normalized read-noise & temperatures

