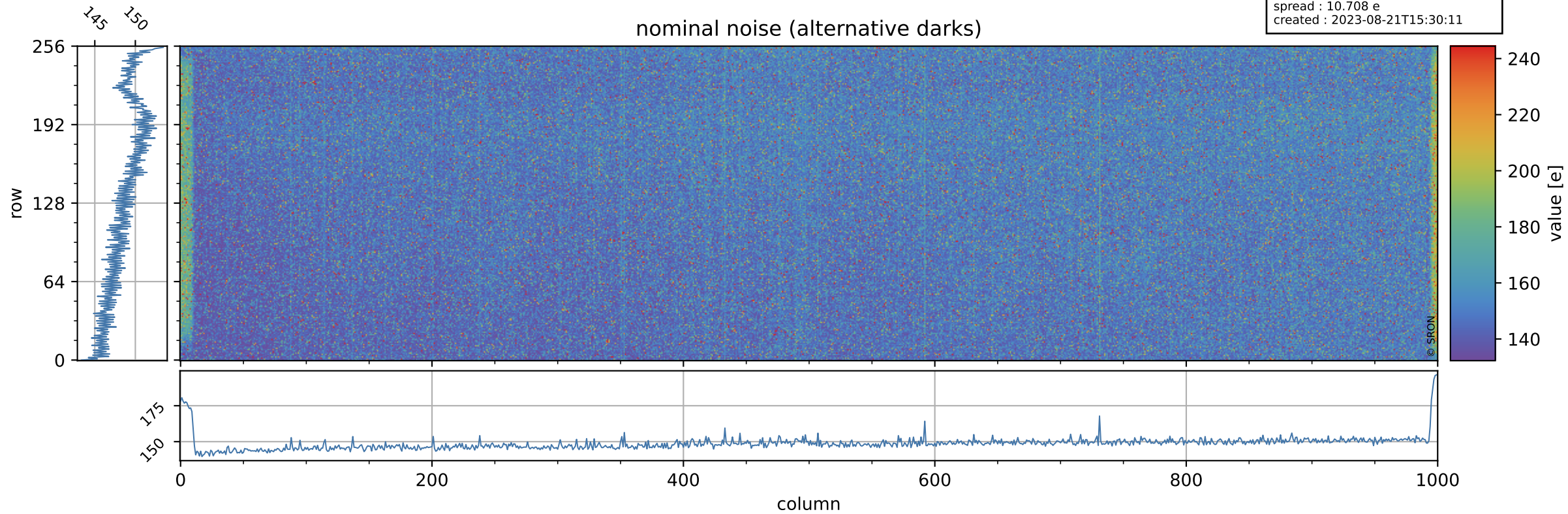


Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.708 e
created : 2023-08-21T15:30:11

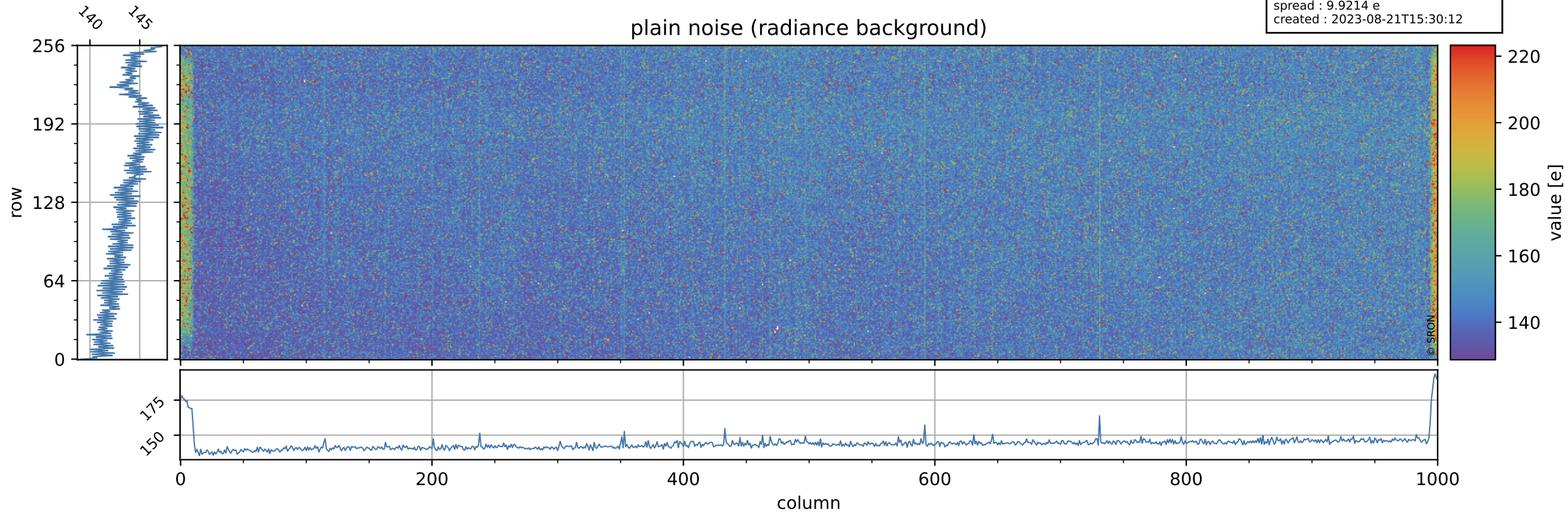
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
n_coad, t_exp : 1, 0.8383
median : 143.59 e
spread : 9.9214 e
created : 2023-08-21T15:30:12

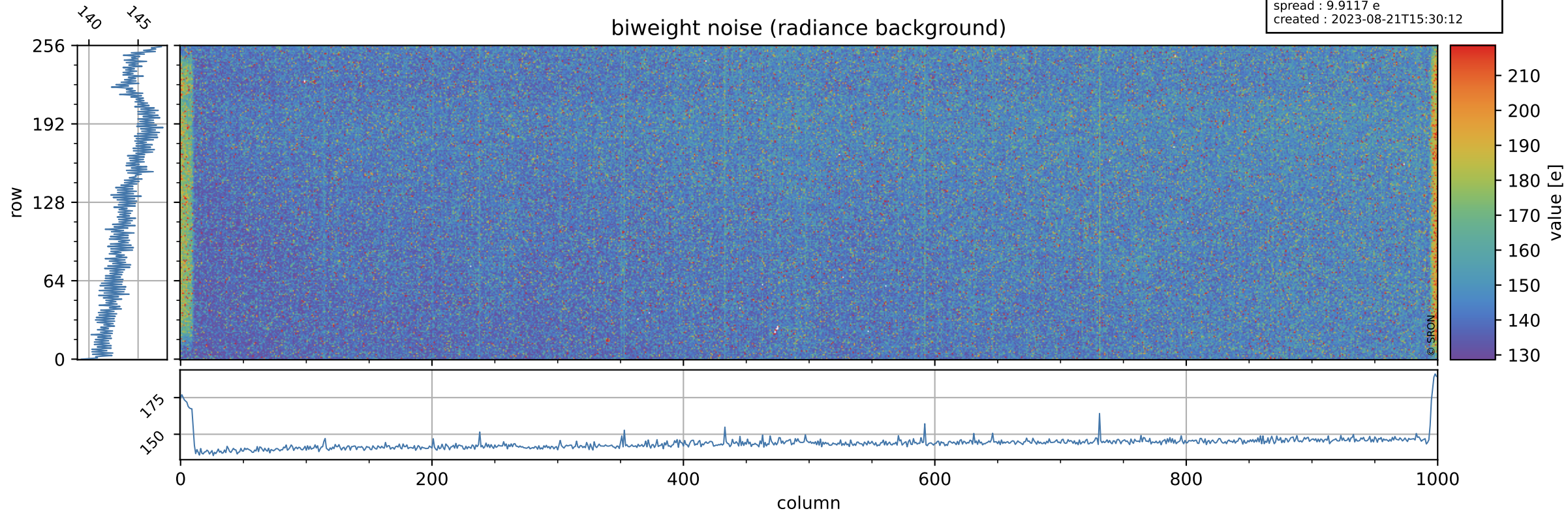
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.9117 e
created : 2023-08-21T15:30:12

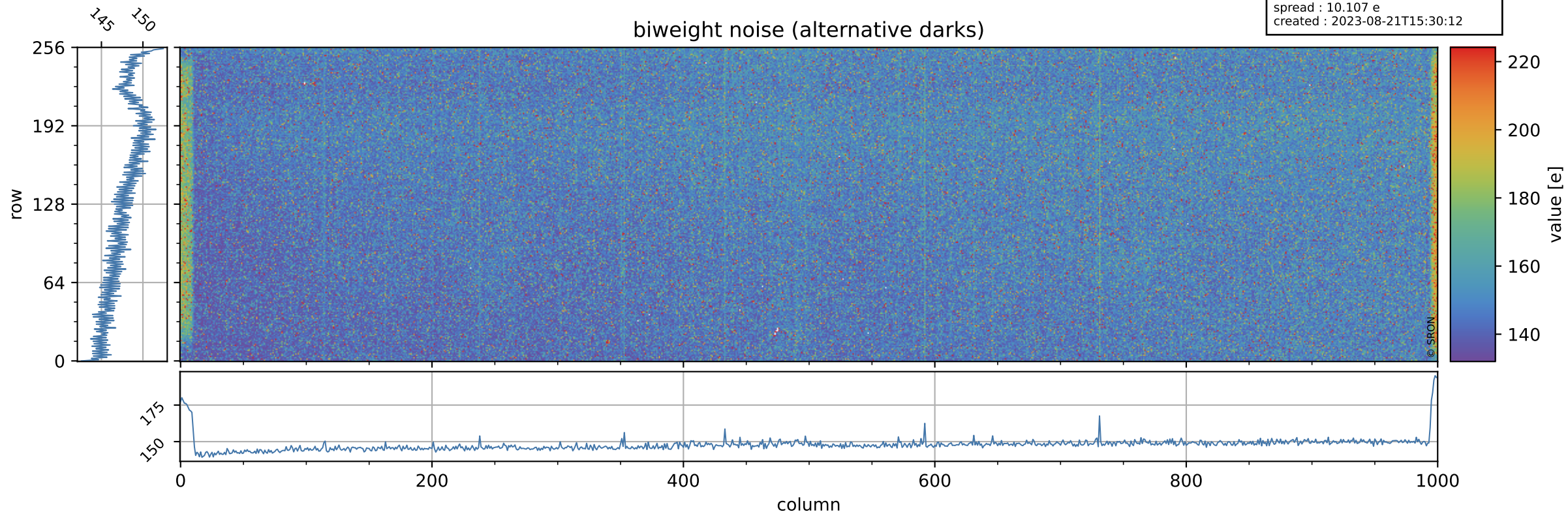
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.107 e
created : 2023-08-21T15:30:12

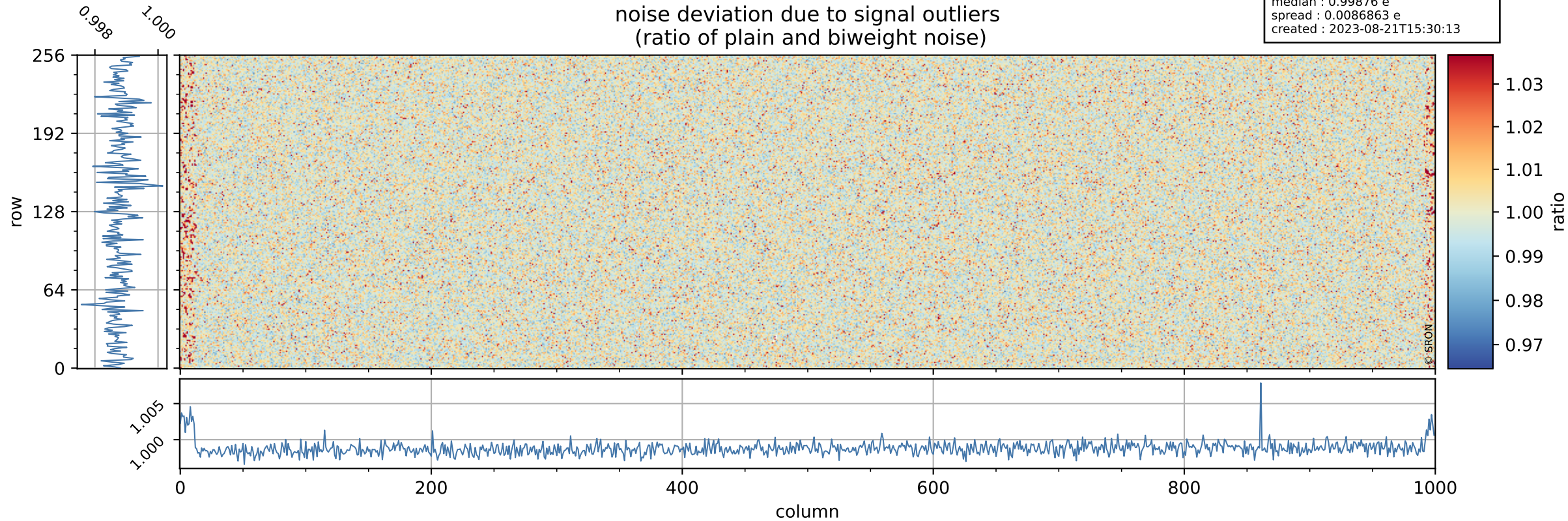
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

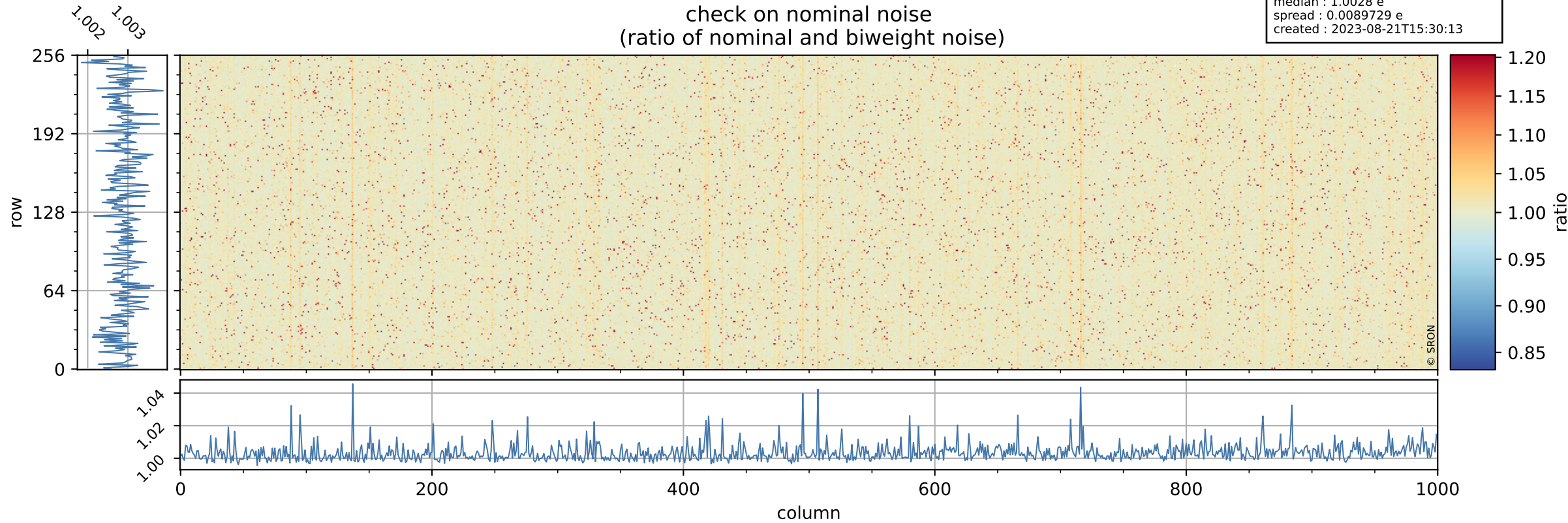
orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
median : 0.99876 e
spread : 0.0086863 e
created : 2023-08-21T15:30:13



Tropomi SWIR background noise (swir)

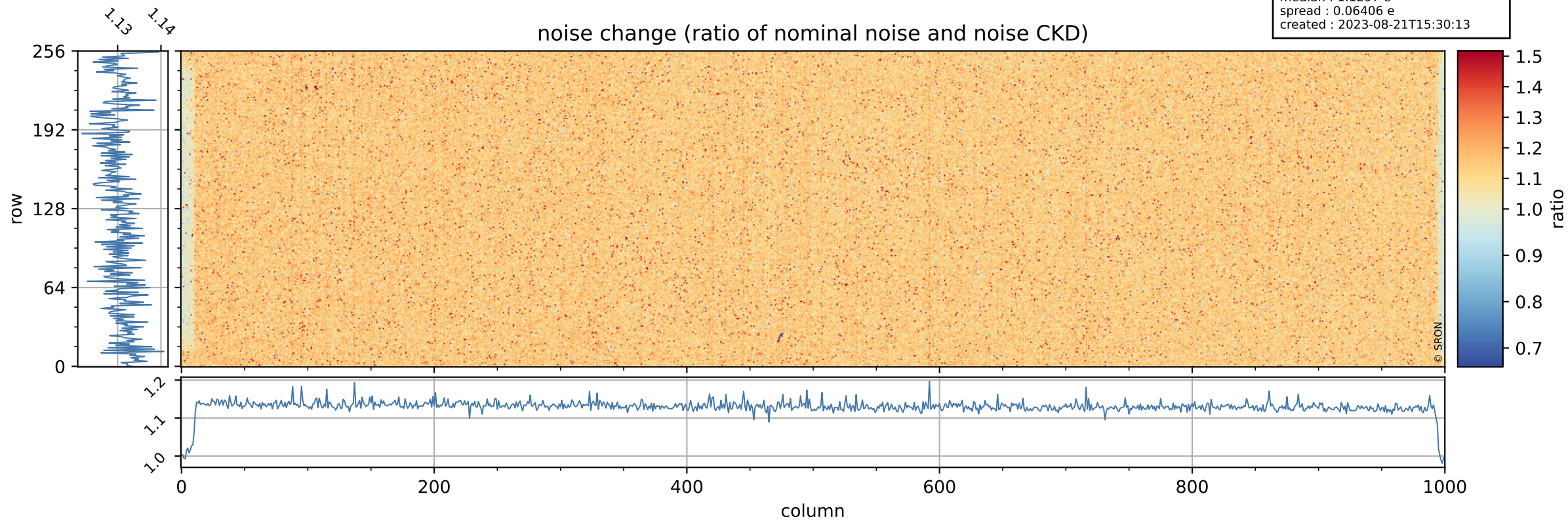
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
median : 1.0028 e
spread : 0.0089729 e
created : 2023-08-21T15:30:13



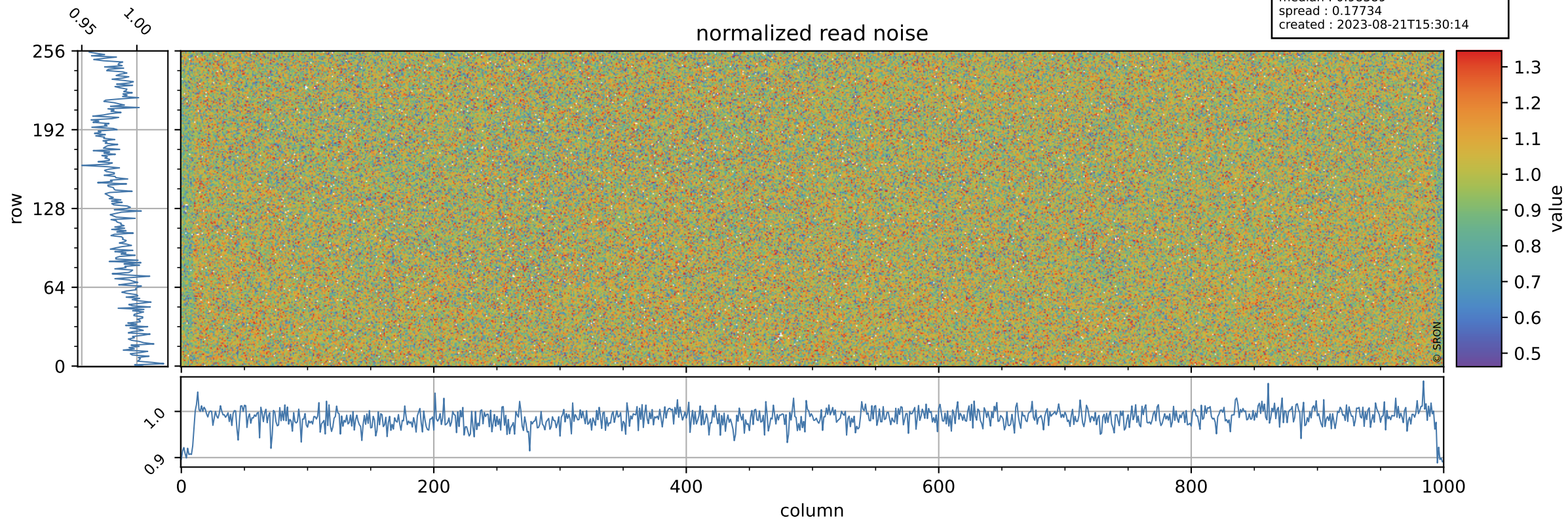
Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
median : 1.1297 e
spread : 0.06406 e
created : 2023-08-21T15:30:13



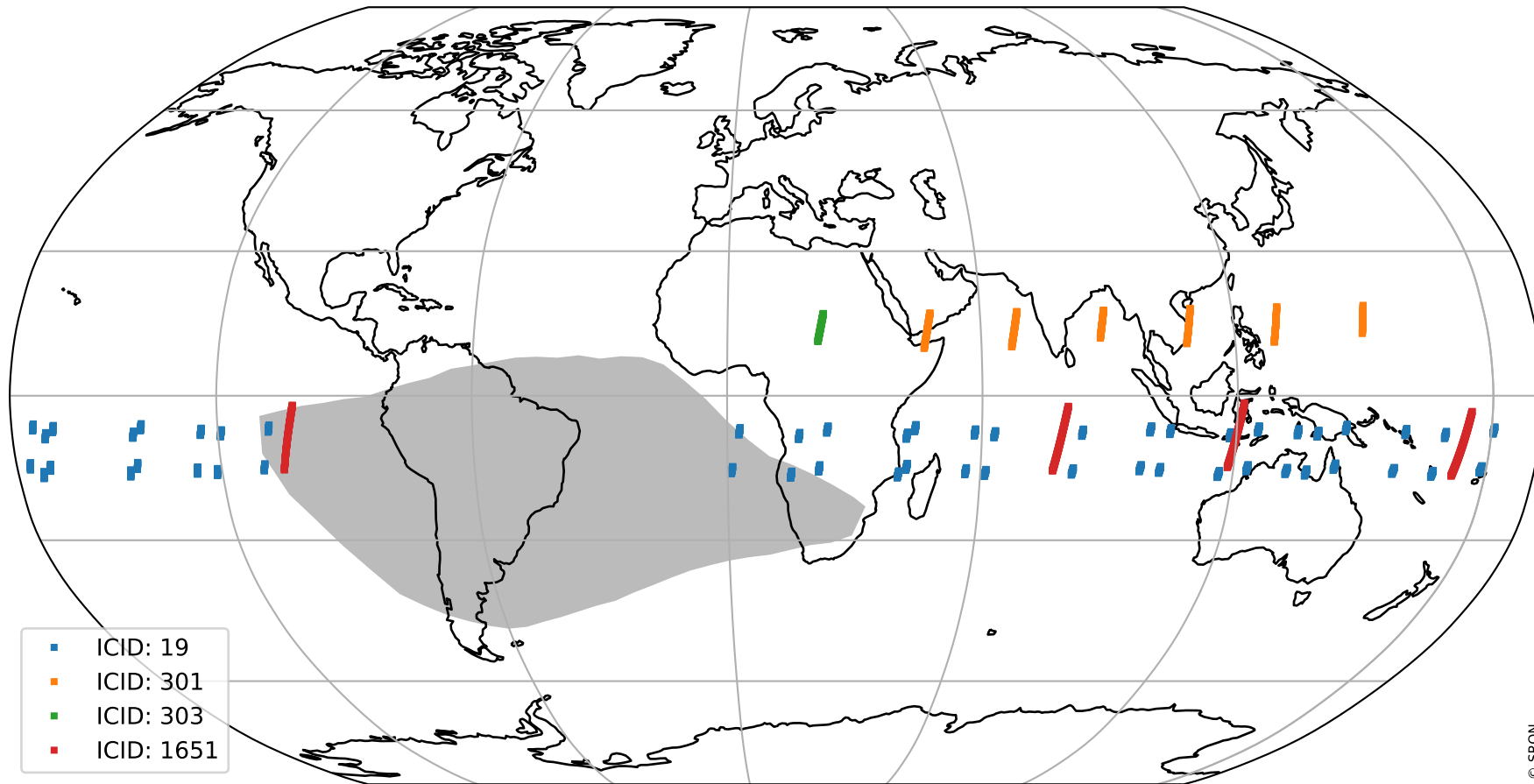
Tropomi SWIR background noise (swir)

orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
median : 0.98389
spread : 0.17734
created : 2023-08-21T15:30:14



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

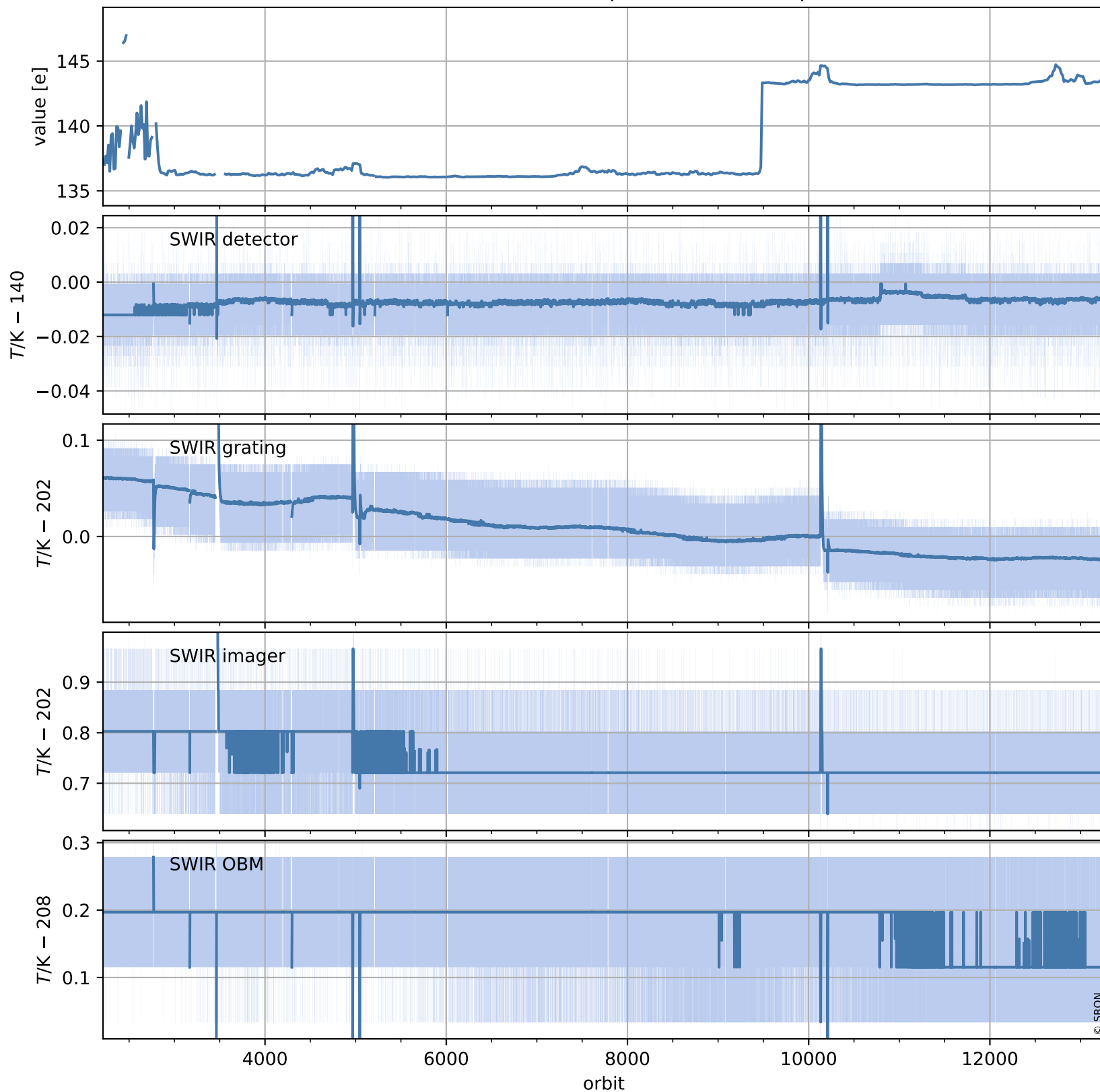
orbits : 12 in [13177, 13267]
coverage : 2020-04-29 / 2020-05-05
created : 2023-08-21T15:30:14



Tropomi SWIR background noise (swir)

orbits : [2212, 13267]
coverage : 2018-03-18 / 2020-05-05
created : 2023-08-21T15:30:14

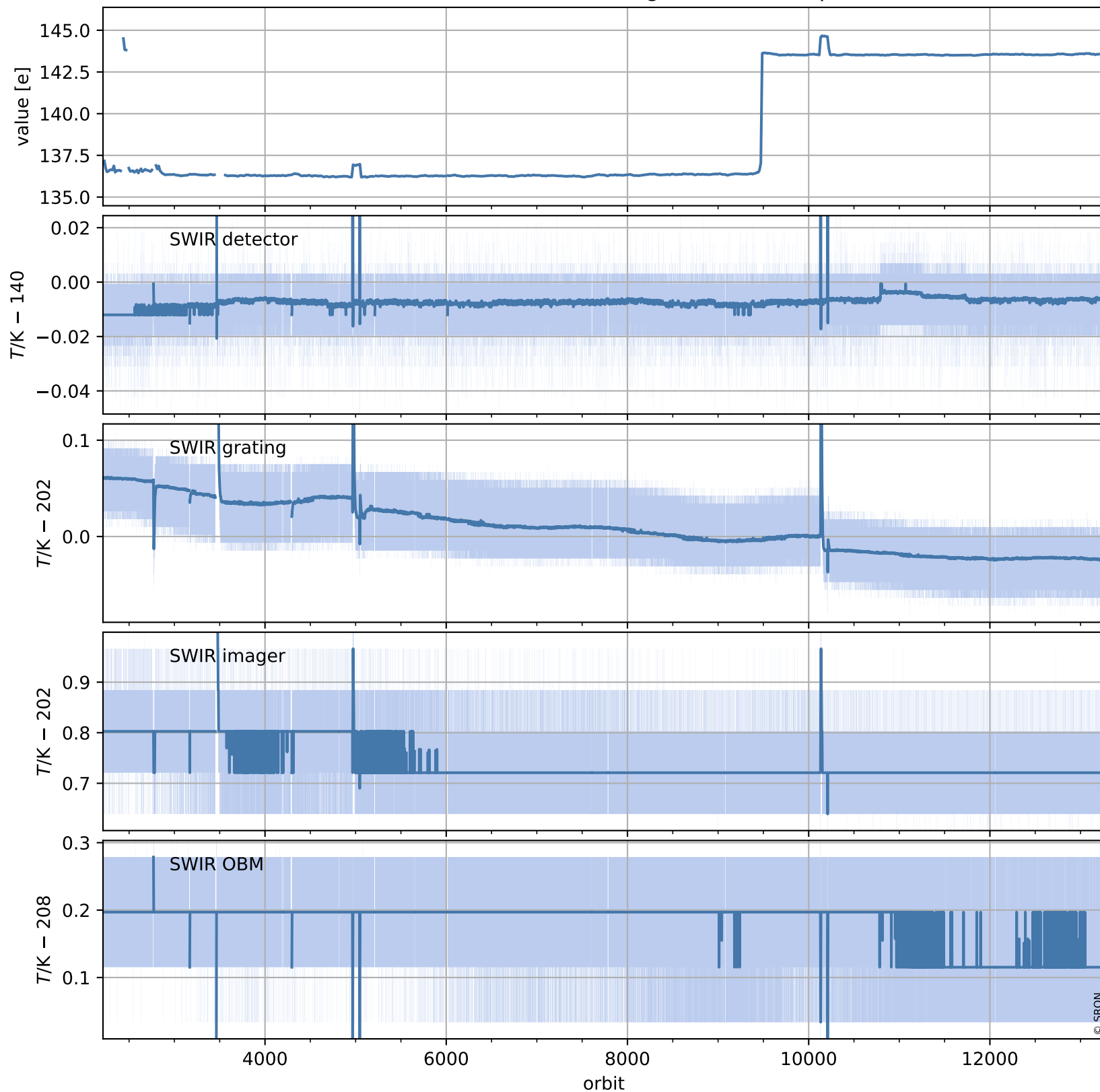
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13267]
coverage : 2018-03-18 / 2020-05-05
created : 2023-08-21T15:30:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13267]
coverage : 2018-03-18 / 2020-05-05
created : 2023-08-21T15:30:15

trend of normalized read-noise & temperatures

