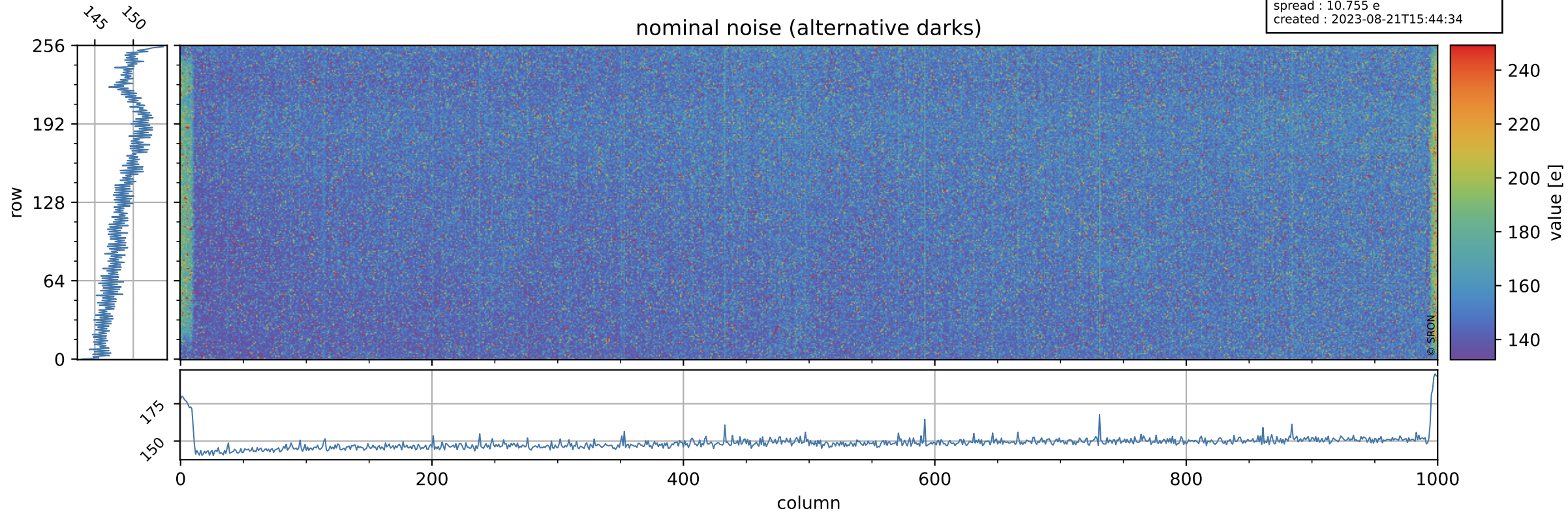


Tropomi SWIR background noise (swir)

orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.755 e
created : 2023-08-21T15:44:34

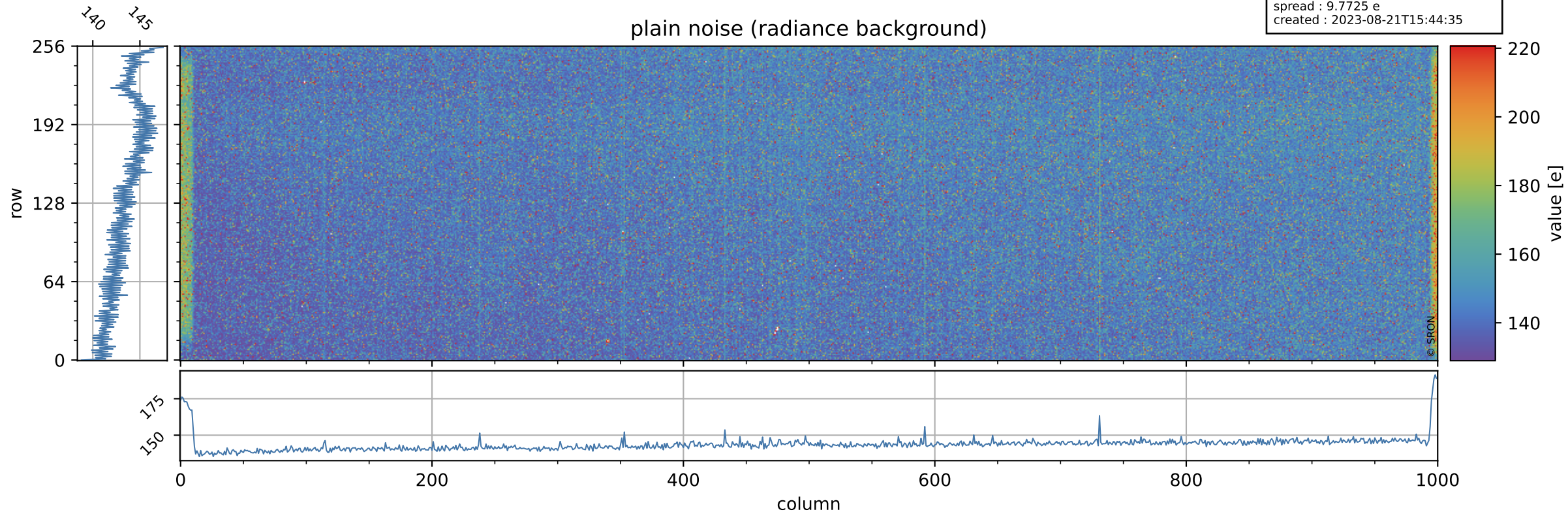
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7725 e
created : 2023-08-21T15:44:35

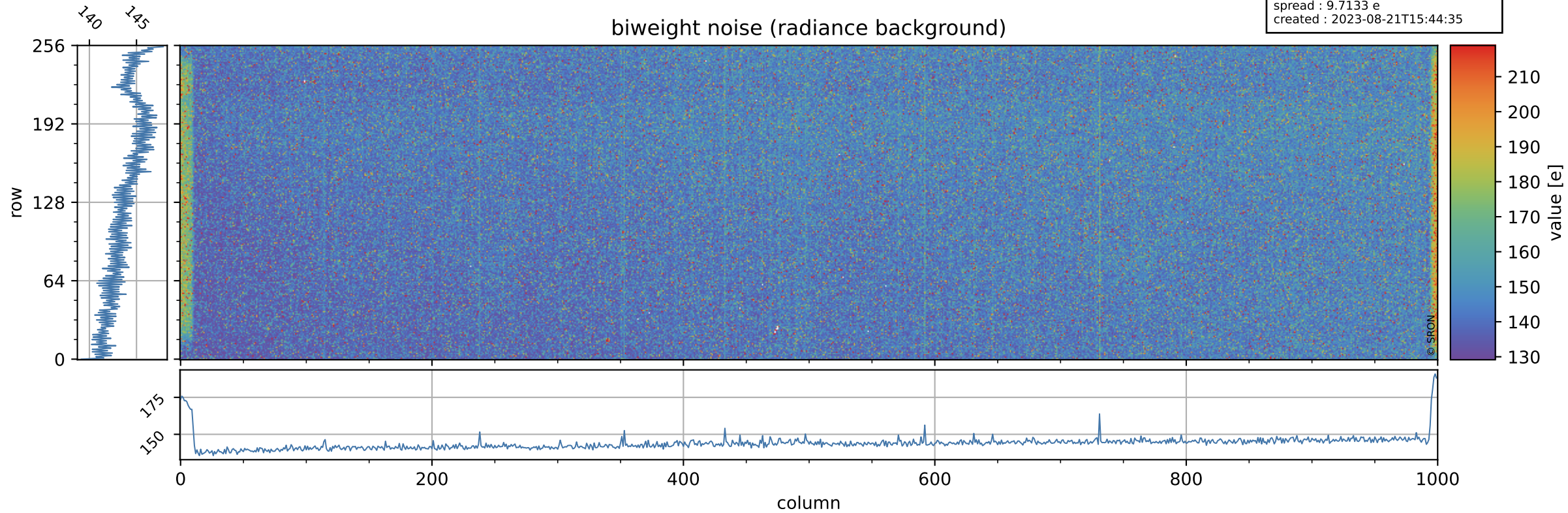
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7133 e
created : 2023-08-21T15:44:35

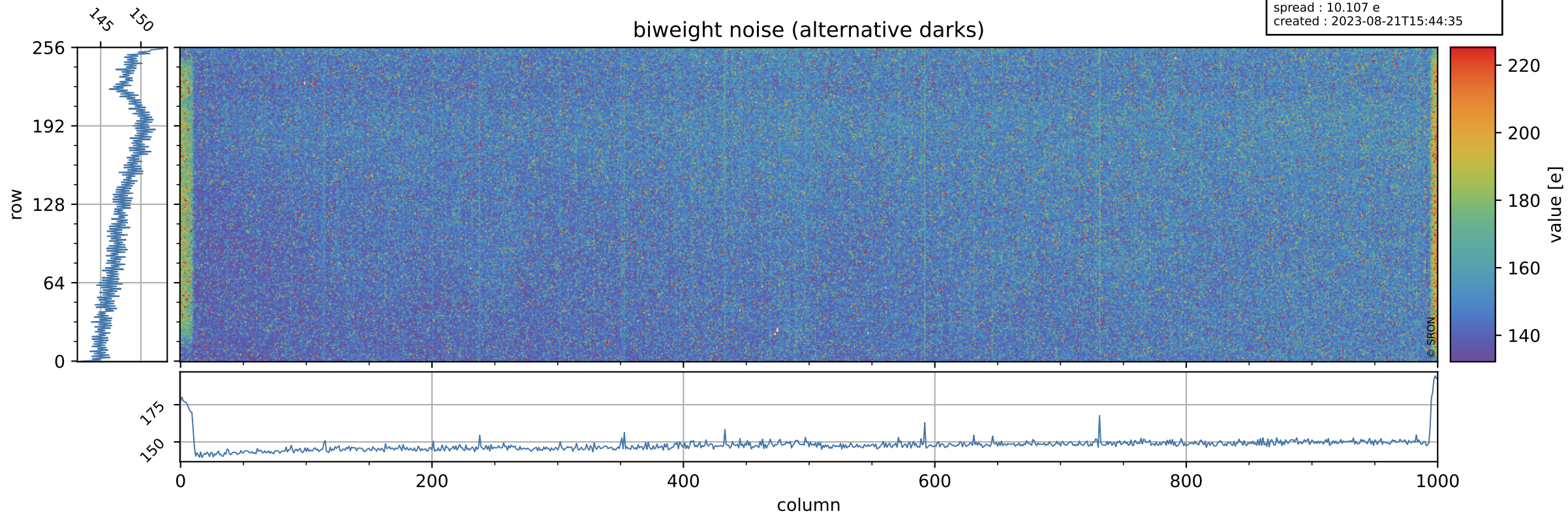
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.107 e
created : 2023-08-21T15:44:35

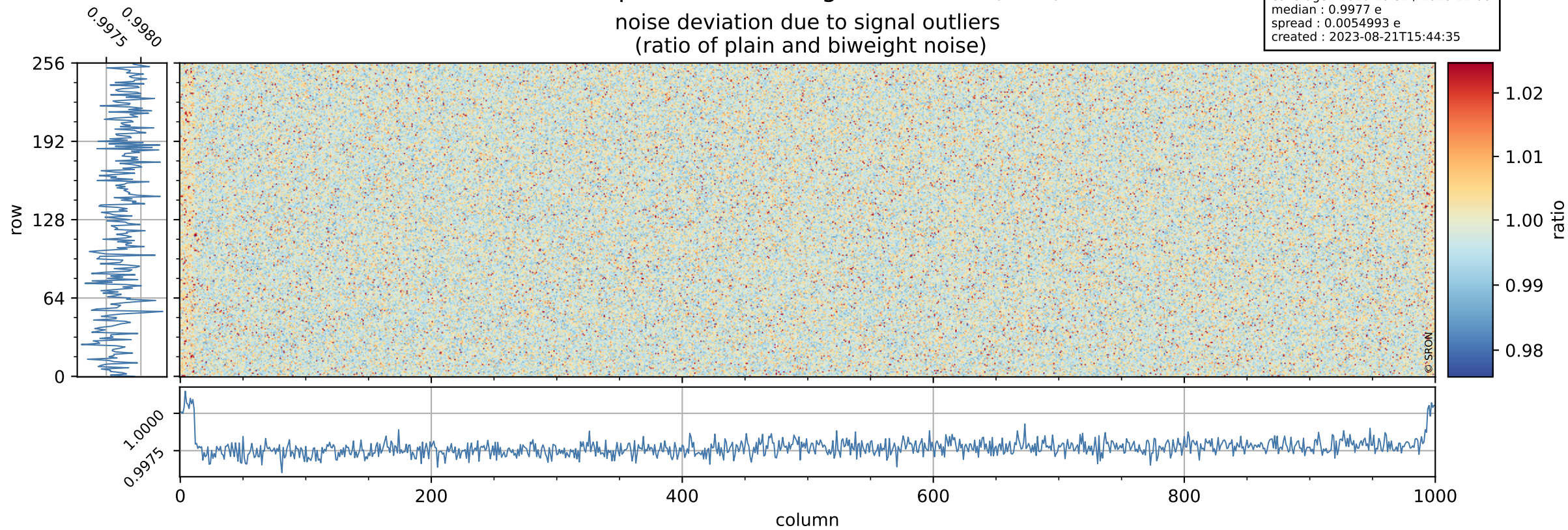
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

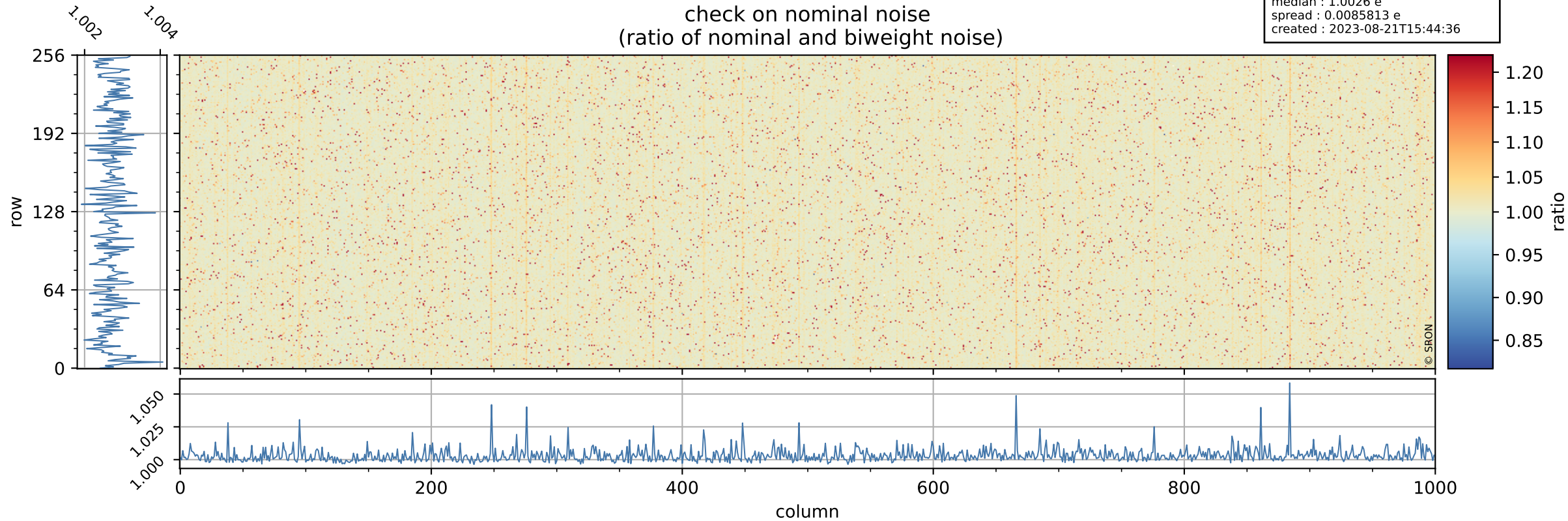
orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
median : 0.9977 e
spread : 0.0054993 e
created : 2023-08-21T15:44:35



Tropomi SWIR background noise (swir)

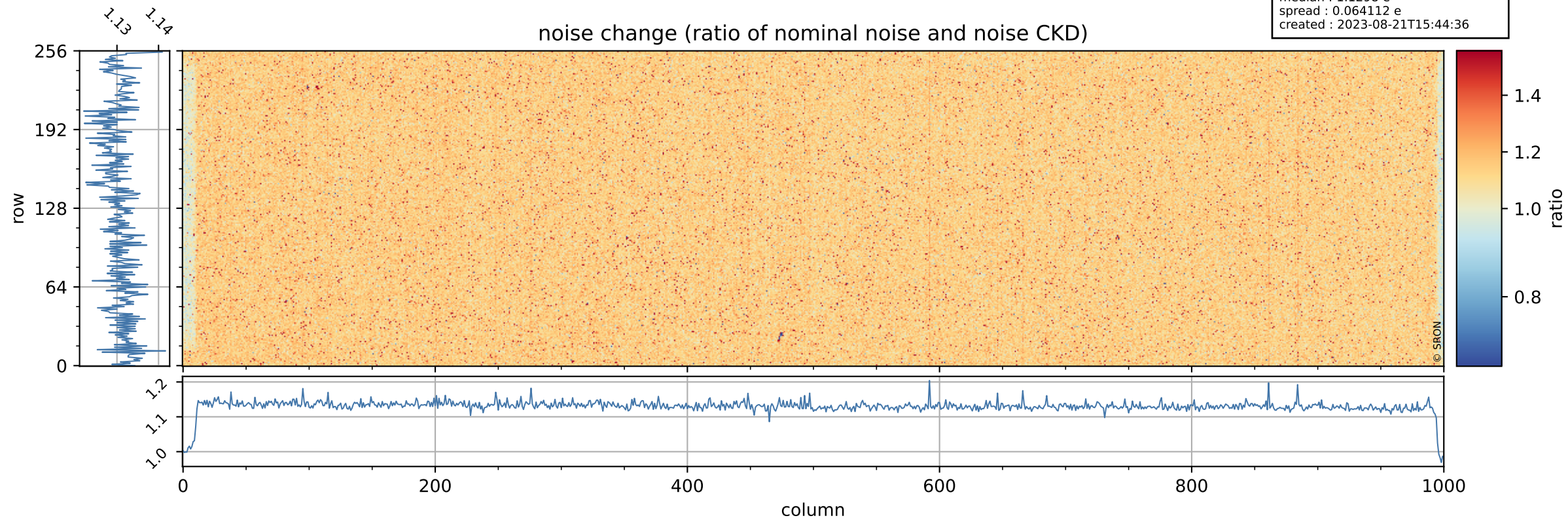
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
median : 1.0026 e
spread : 0.0085813 e
created : 2023-08-21T15:44:36



Tropomi SWIR background noise (swir)

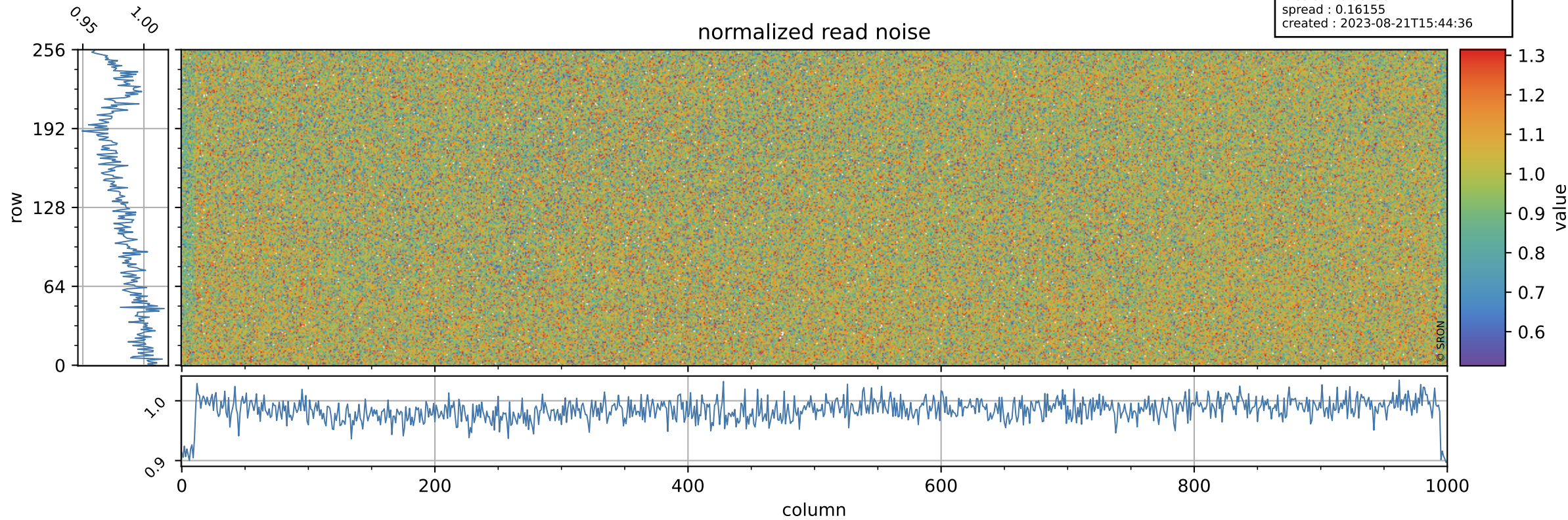
orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
median : 1.1298 e
spread : 0.064112 e
created : 2023-08-21T15:44:36



Tropomi SWIR background noise (swir)

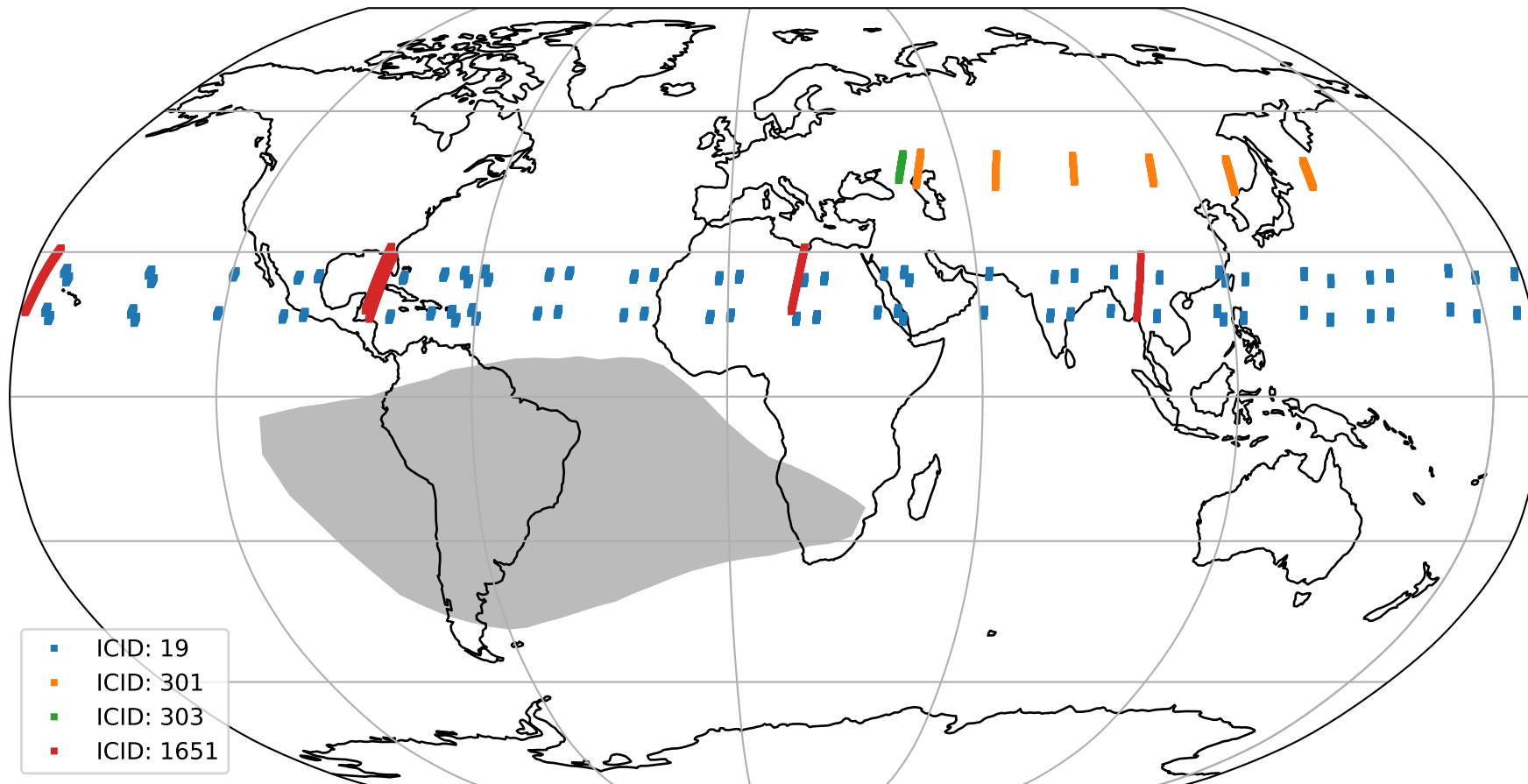
orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
median : 0.98298
spread : 0.16155
created : 2023-08-21T15:44:36

normalized read noise



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

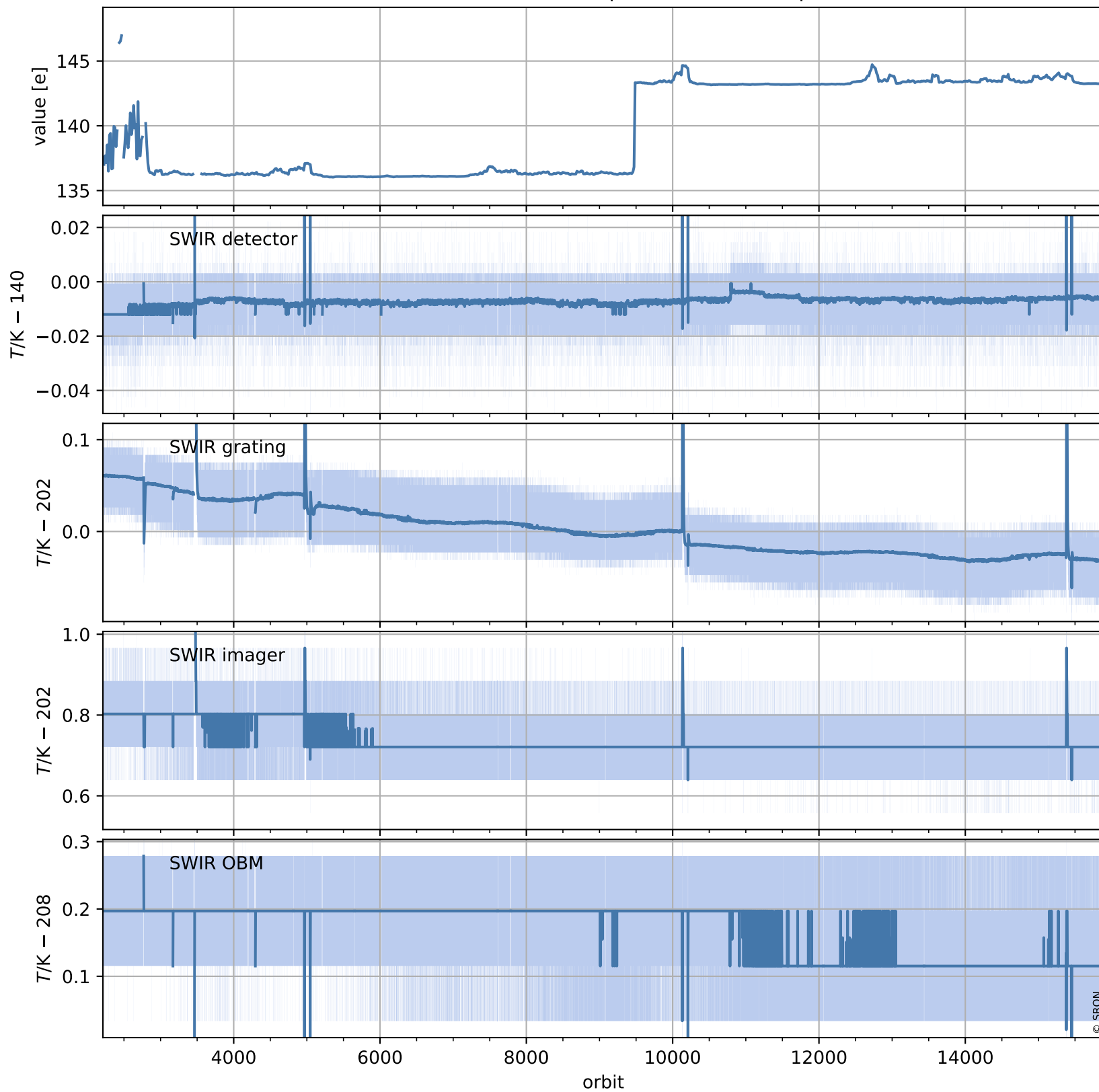
orbits : 12 in [15802, 15892]
coverage : 2020-10-31 / 2020-11-06
created : 2023-08-21T15:44:37



Tropomi SWIR background noise (swir)

orbits : [2212, 15892]
coverage : 2018-03-18 / 2020-11-06
created : 2023-08-21T15:44:37

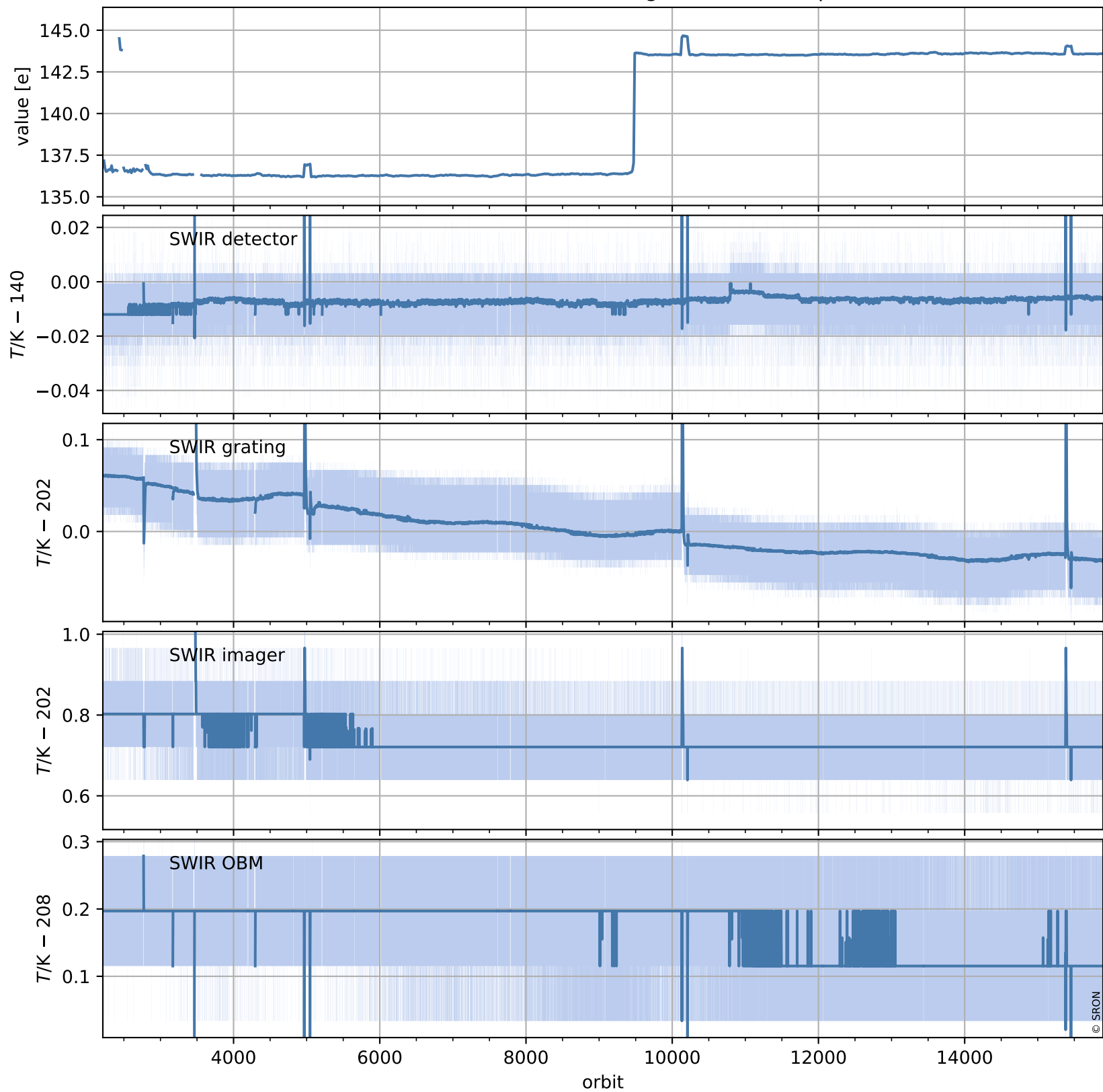
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15892]
coverage : 2018-03-18 / 2020-11-06
created : 2023-08-21T15:44:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15892]
coverage : 2018-03-18 / 2020-11-06
created : 2023-08-21T15:44:38

trend of normalized read-noise & temperatures

