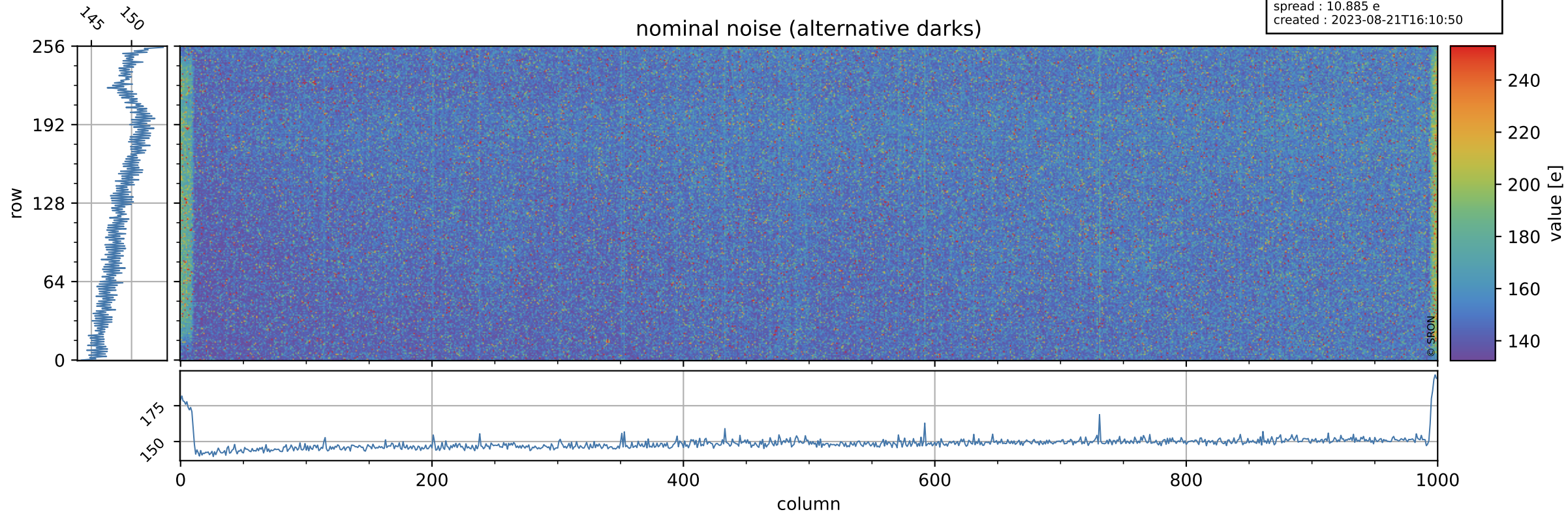


Tropomi SWIR background noise (swir)

orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.885 e
created : 2023-08-21T16:10:50

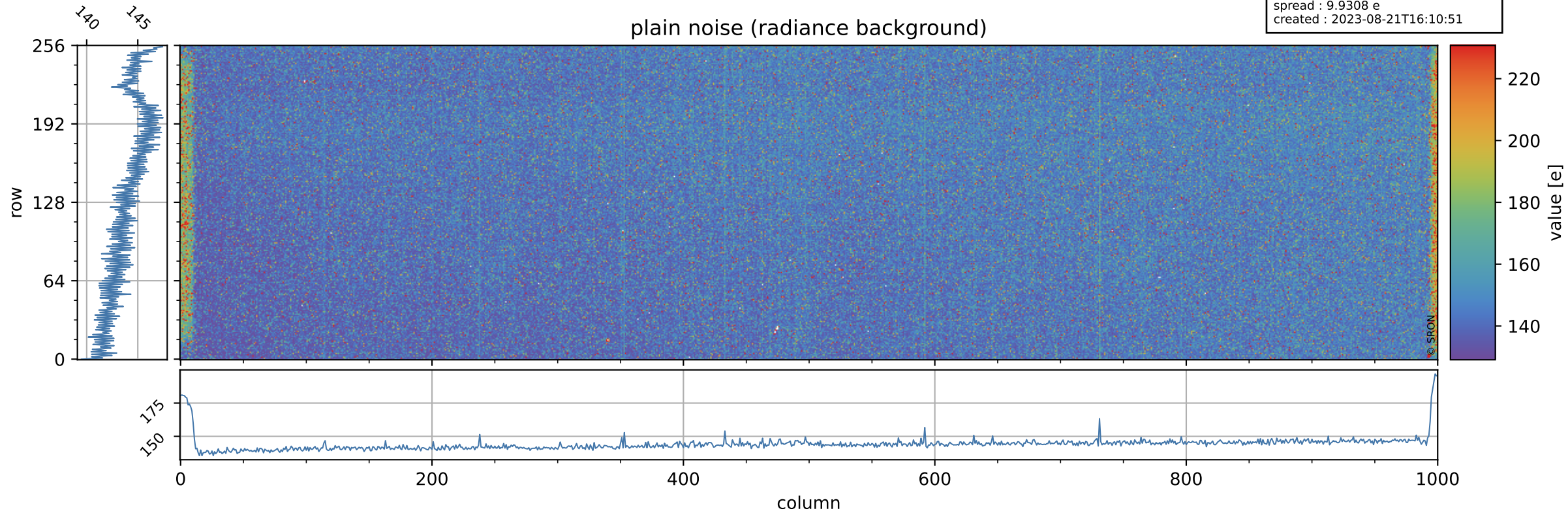
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9308 e
created : 2023-08-21T16:10:51

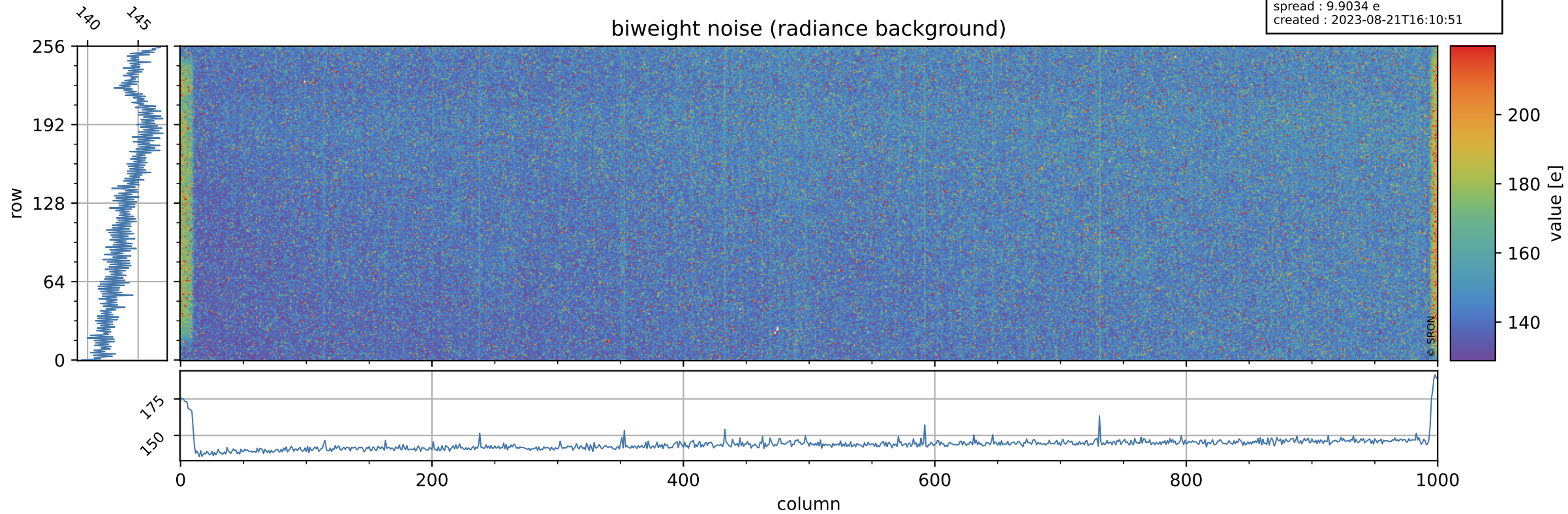
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9034 e
created : 2023-08-21T16:10:51

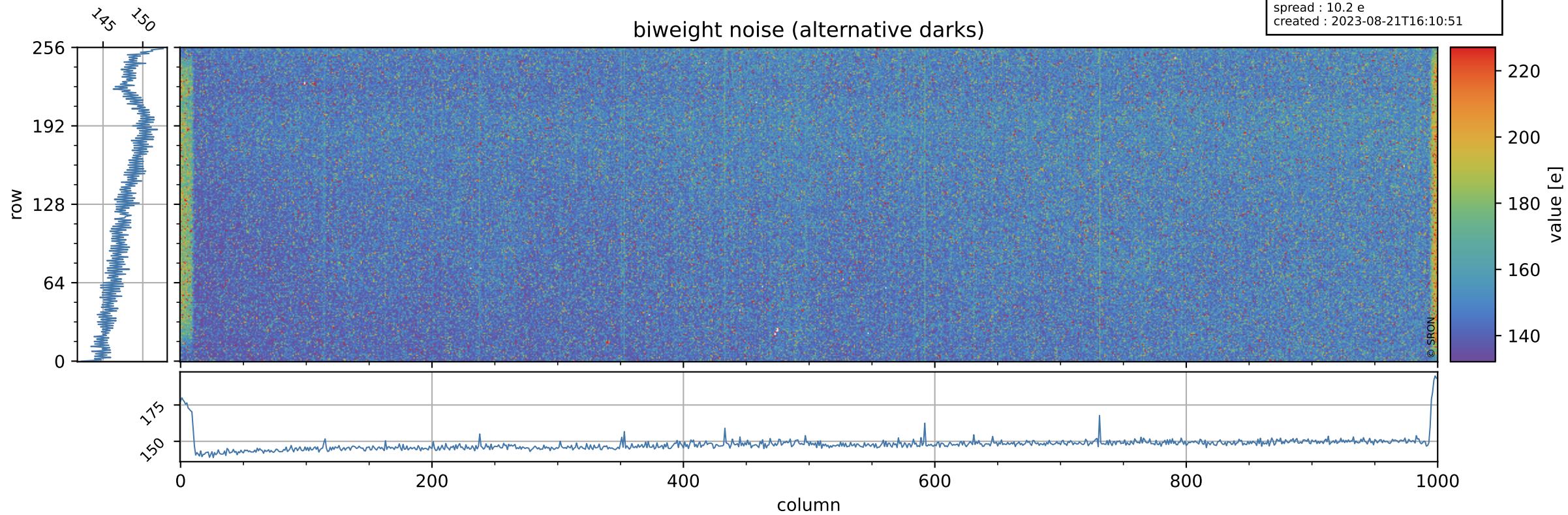
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.2 e
created : 2023-08-21T16:10:51

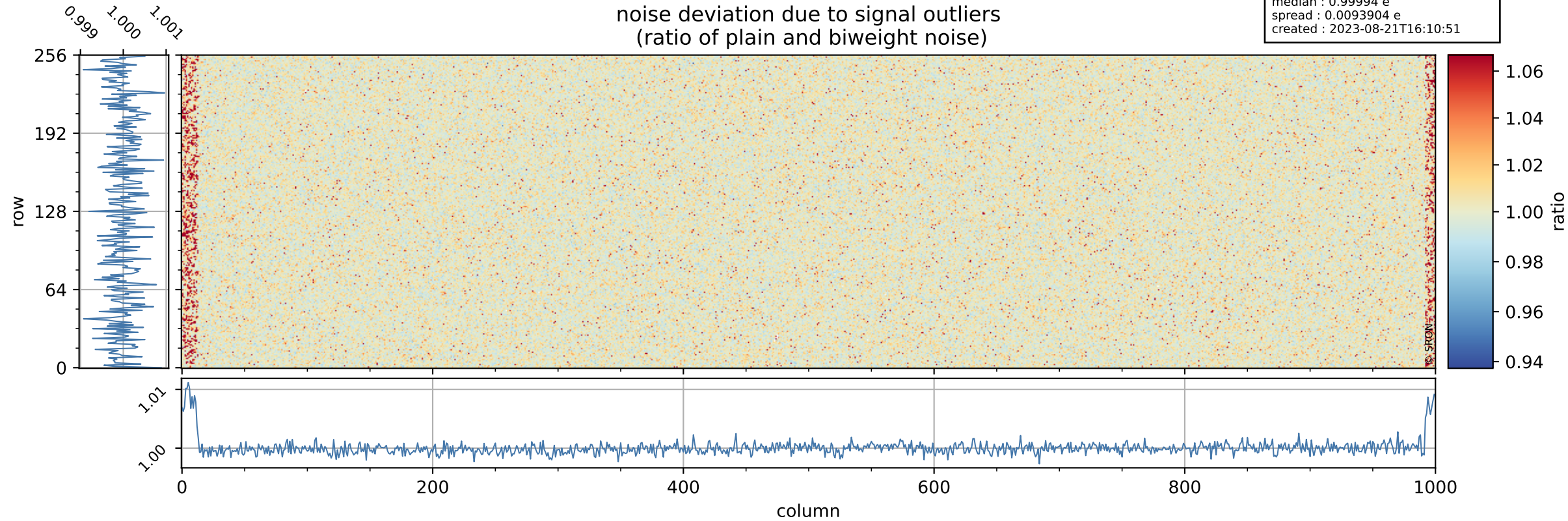
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

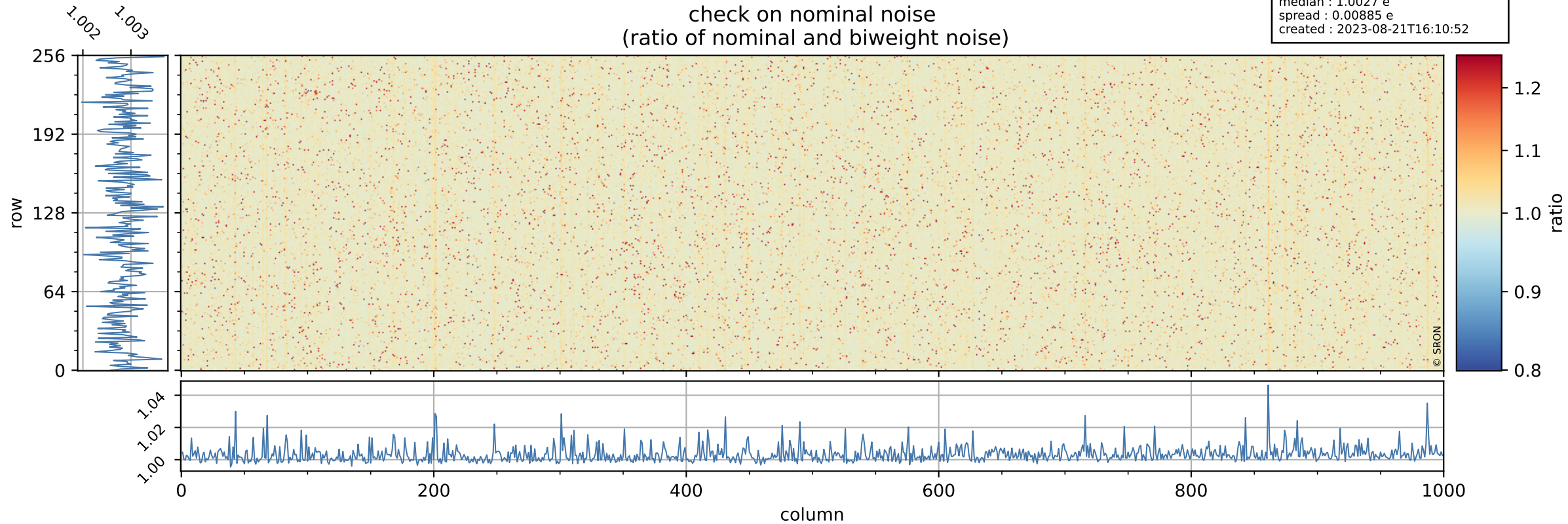
orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
median : 0.99994 e
spread : 0.0093904 e
created : 2023-08-21T16:10:51



Tropomi SWIR background noise (swir)

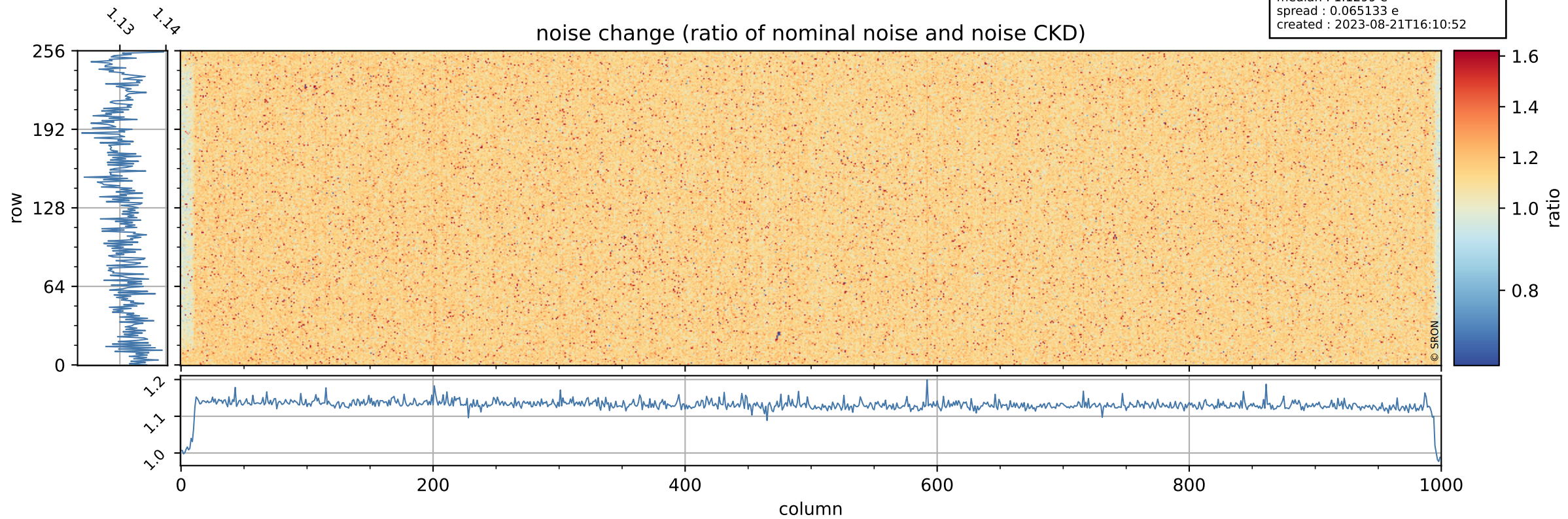
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
median : 1.0027 e
spread : 0.00885 e
created : 2023-08-21T16:10:52



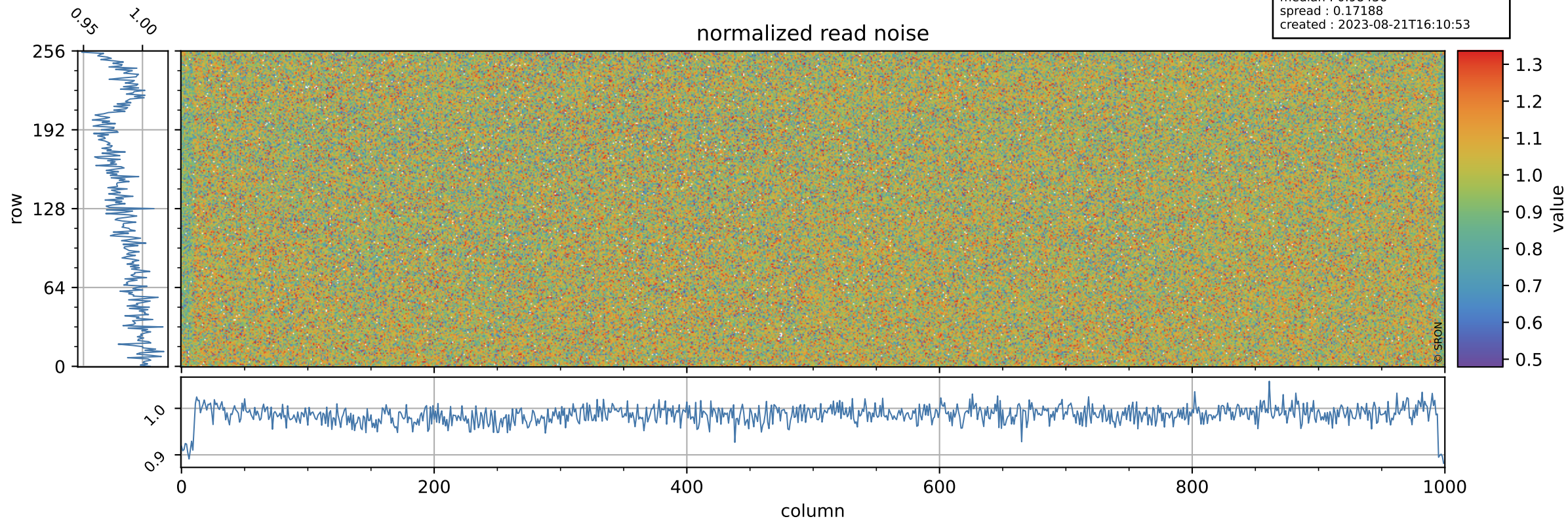
Tropomi SWIR background noise (swir)

orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
median : 1.1299 e
spread : 0.065133 e
created : 2023-08-21T16:10:52



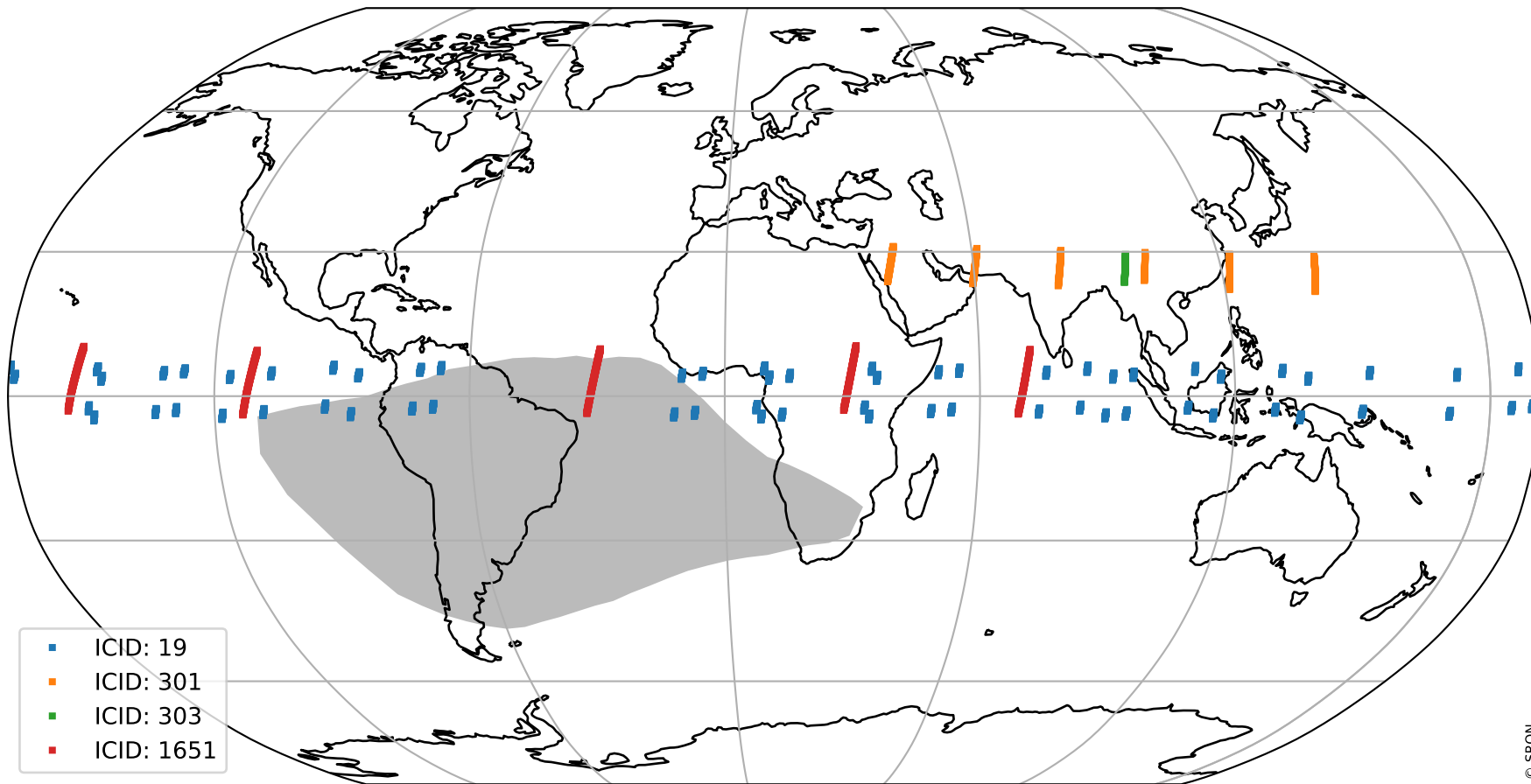
Tropomi SWIR background noise (swir)

orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
median : 0.98436
spread : 0.17188
created : 2023-08-21T16:10:53



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

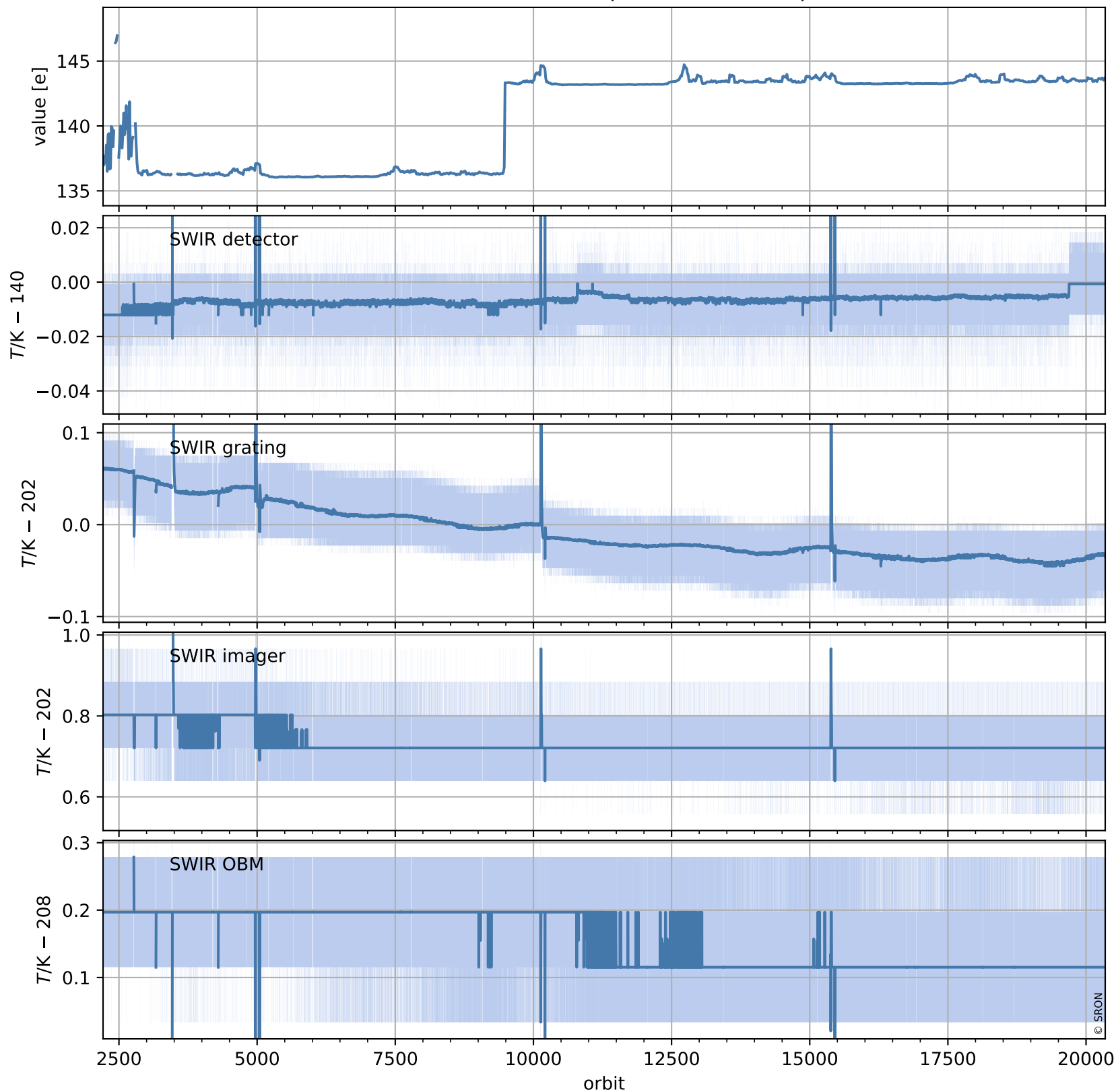
orbits : 12 in [20272, 20347]
coverage : 2021-09-10 / 2021-09-15
created : 2023-08-21T16:10:53



Tropomi SWIR background noise (swir)

orbits : [2212, 20347]
coverage : 2018-03-18 / 2021-09-15
created : 2023-08-21T16:10:53

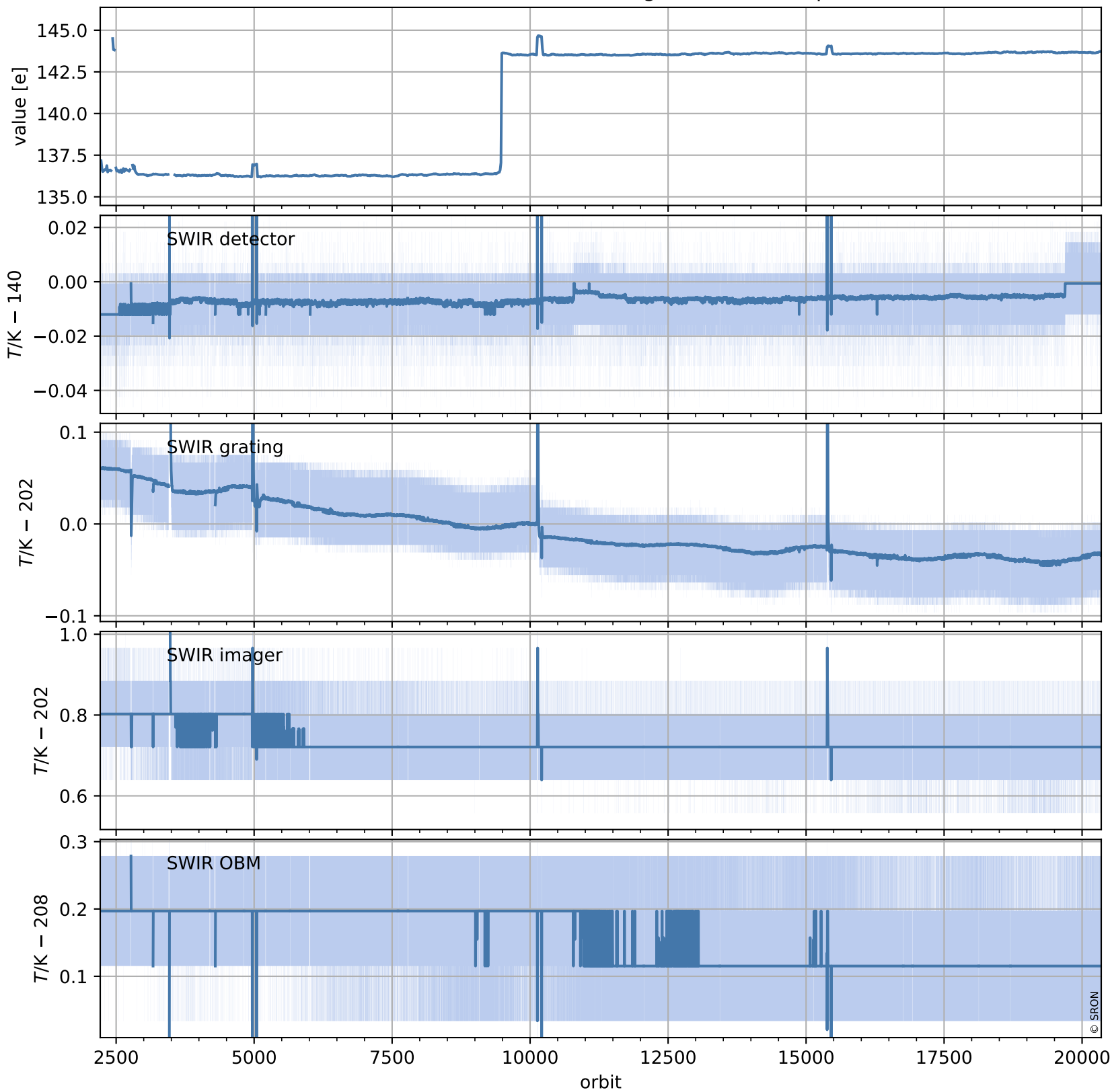
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20347]
coverage : 2018-03-18 / 2021-09-15
created : 2023-08-21T16:10:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20347]
coverage : 2018-03-18 / 2021-09-15
created : 2023-08-21T16:10:55

trend of normalized read-noise & temperatures

