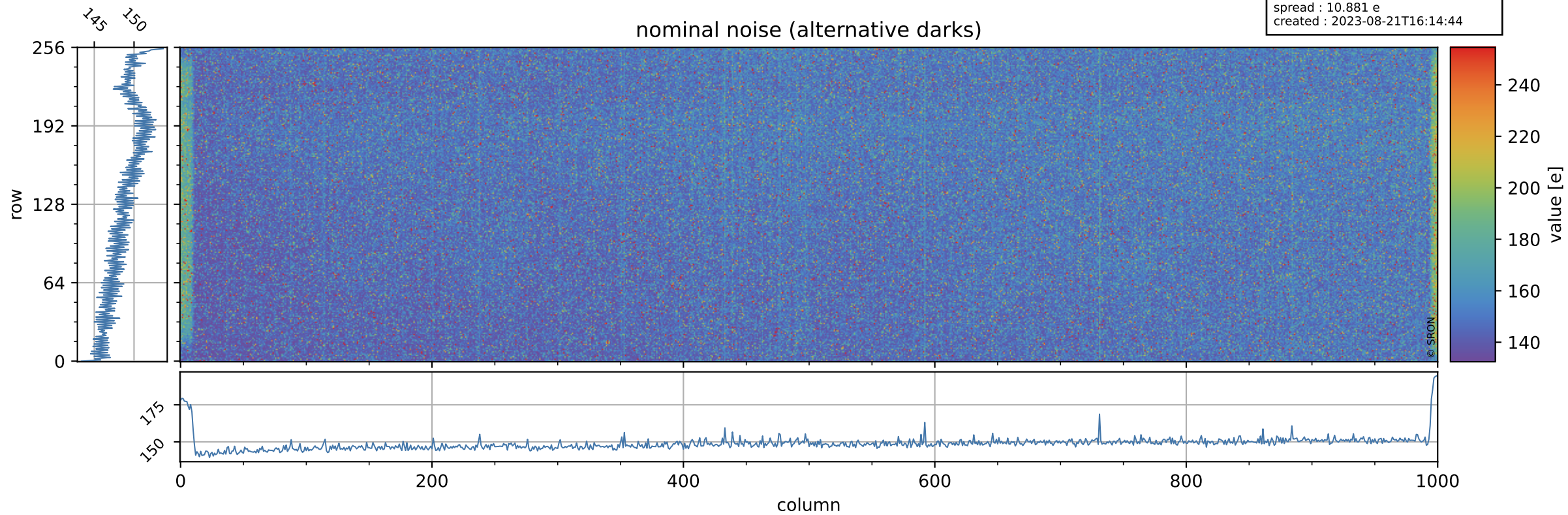


Tropomi SWIR background noise (swir)

orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.881 e
created : 2023-08-21T16:14:44

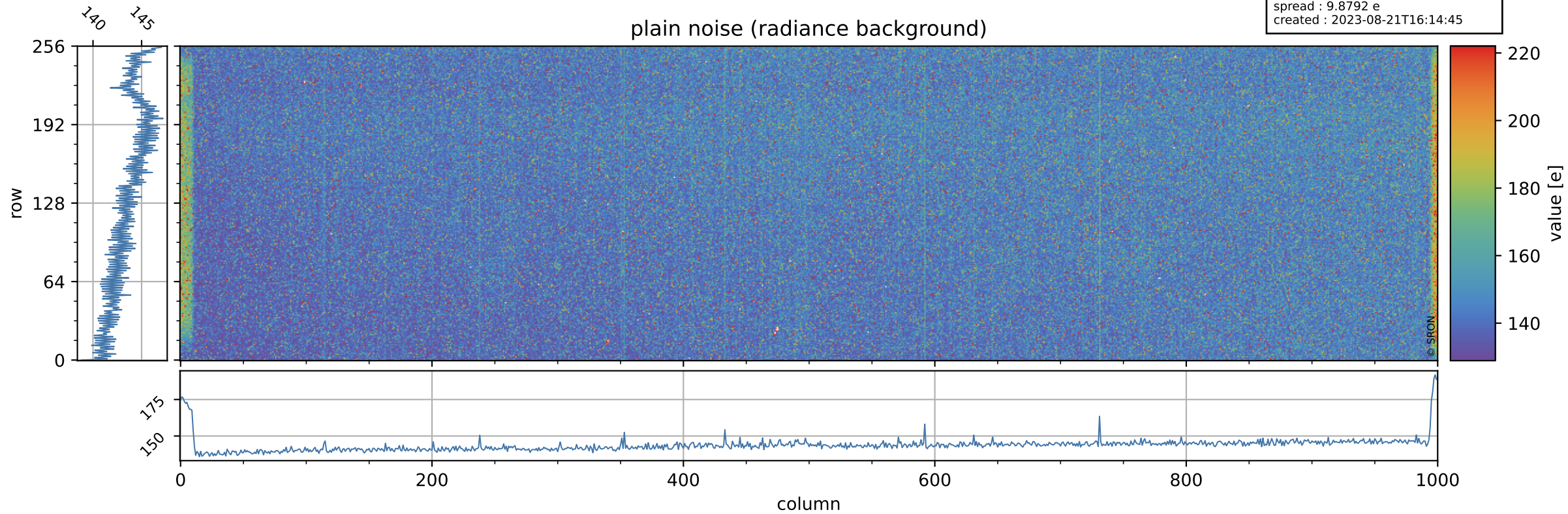
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8792 e
created : 2023-08-21T16:14:45

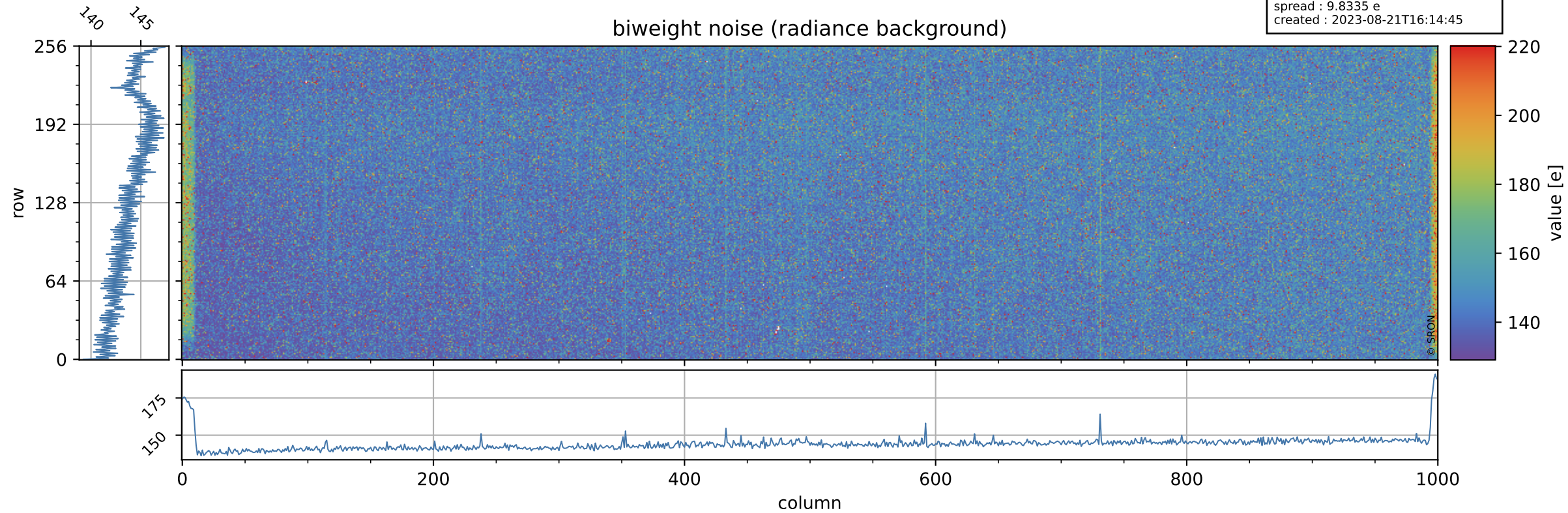
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8335 e
created : 2023-08-21T16:14:45

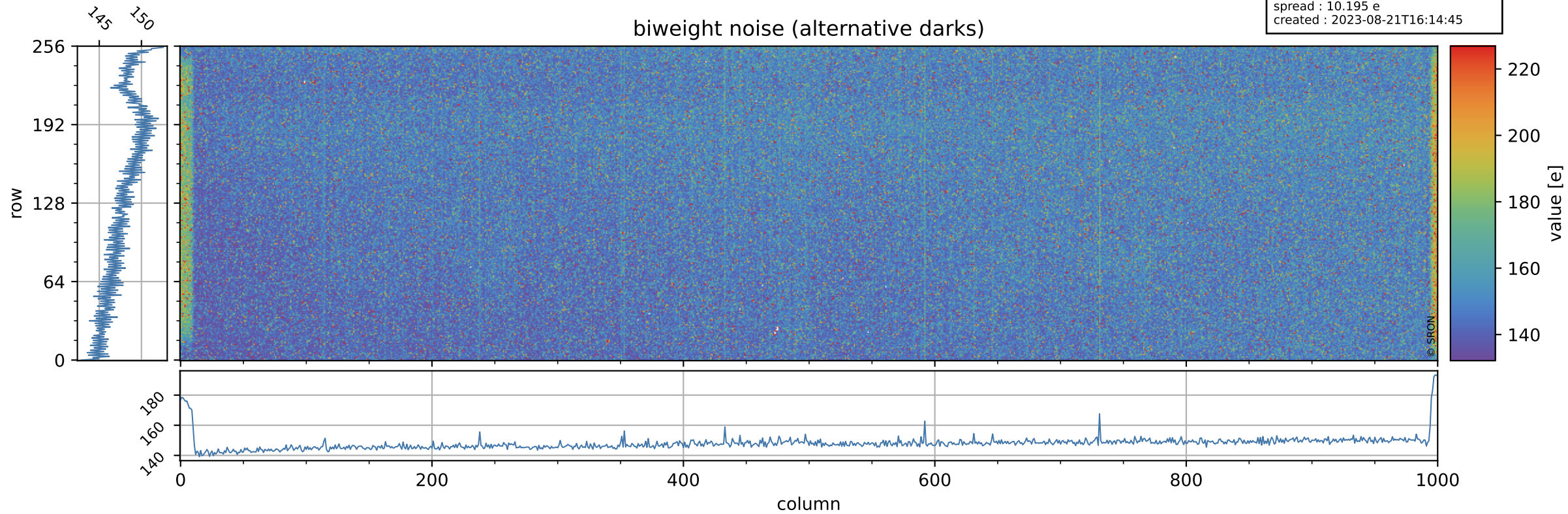
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.195 e
created : 2023-08-21T16:14:45

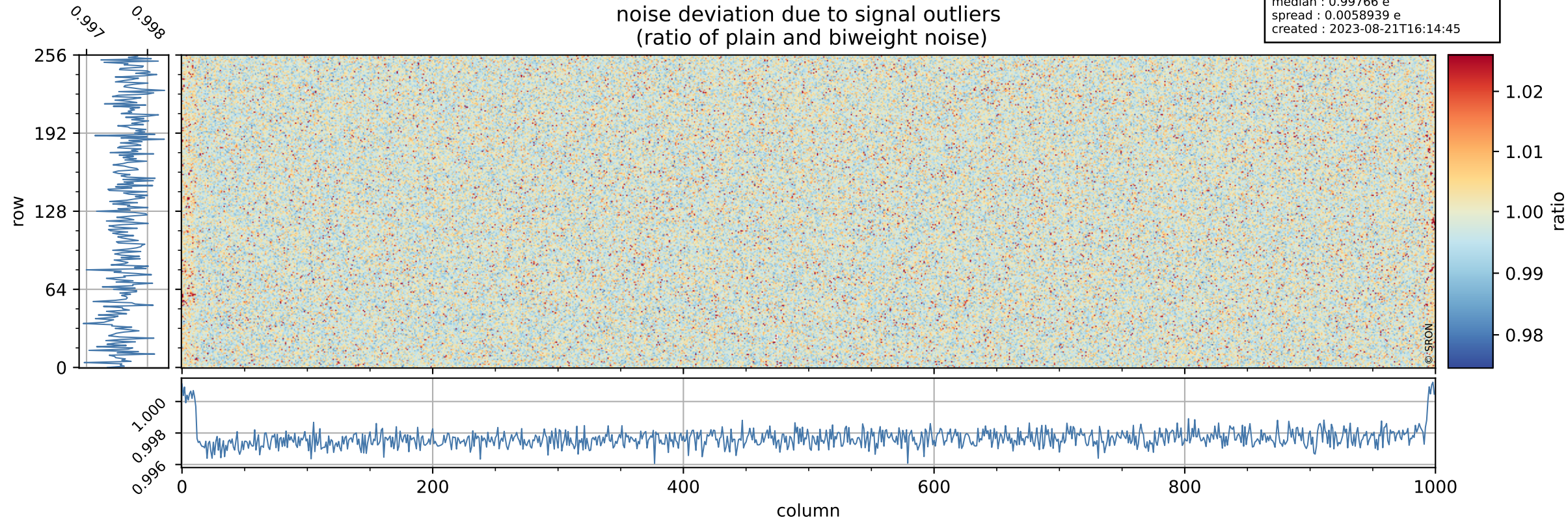
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

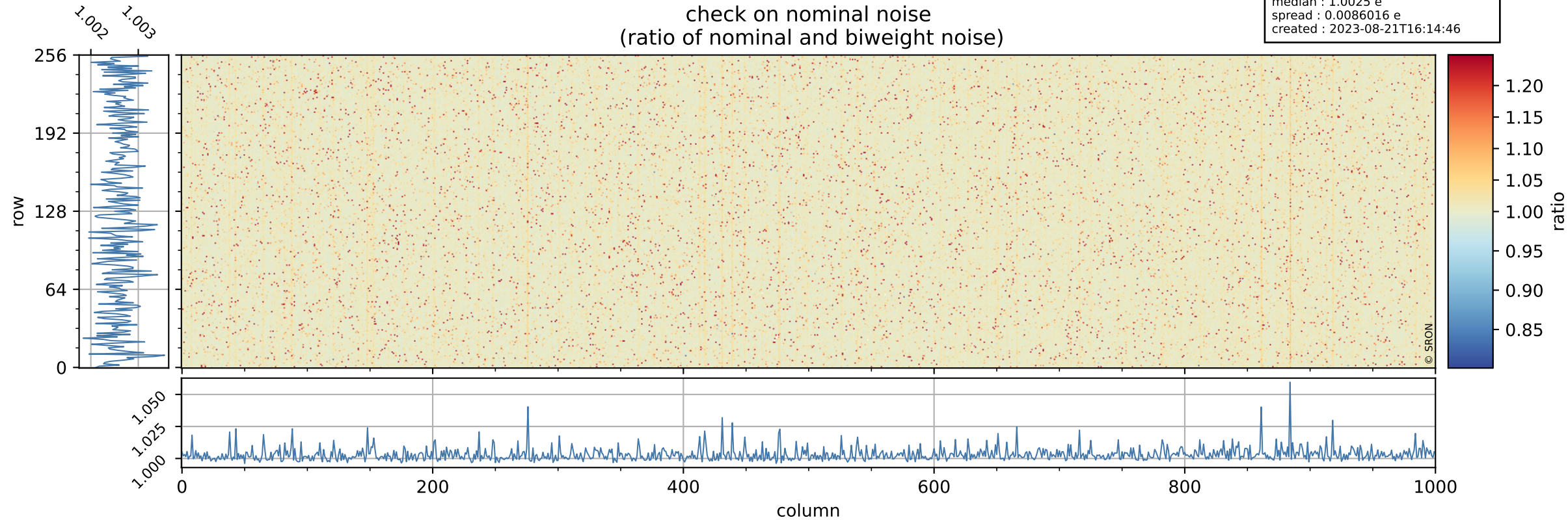
orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
median : 0.99766 e
spread : 0.0058939 e
created : 2023-08-21T16:14:45



Tropomi SWIR background noise (swir)

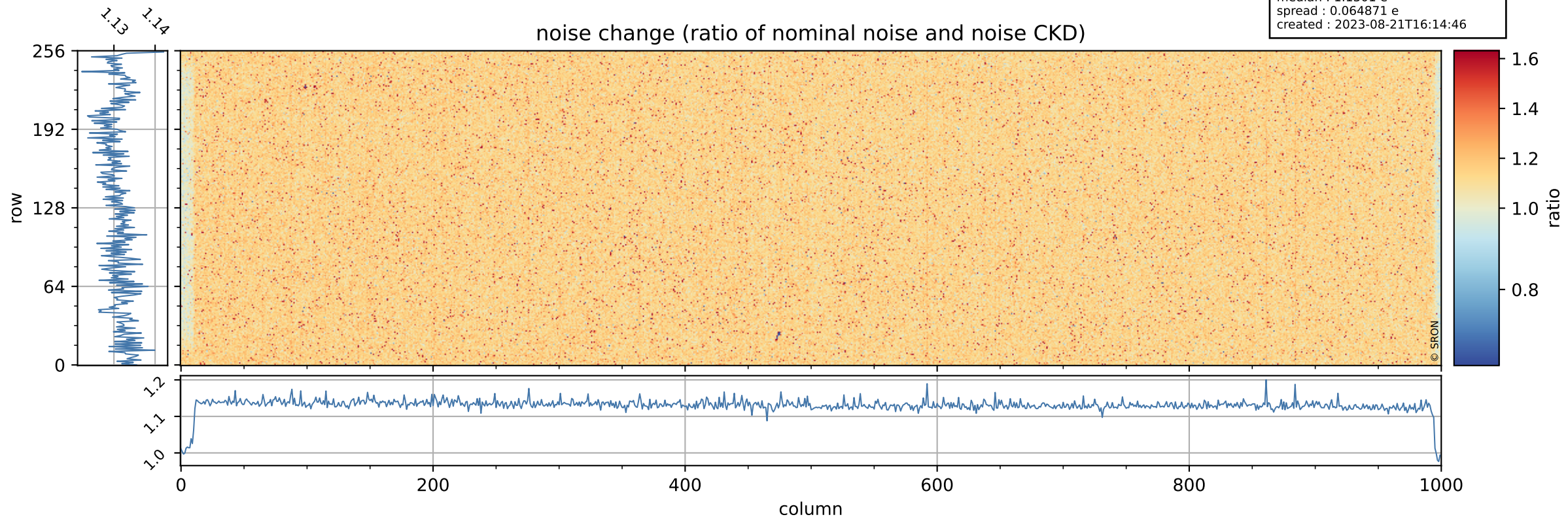
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
median : 1.0025 e
spread : 0.0086016 e
created : 2023-08-21T16:14:46



Tropomi SWIR background noise (swir)

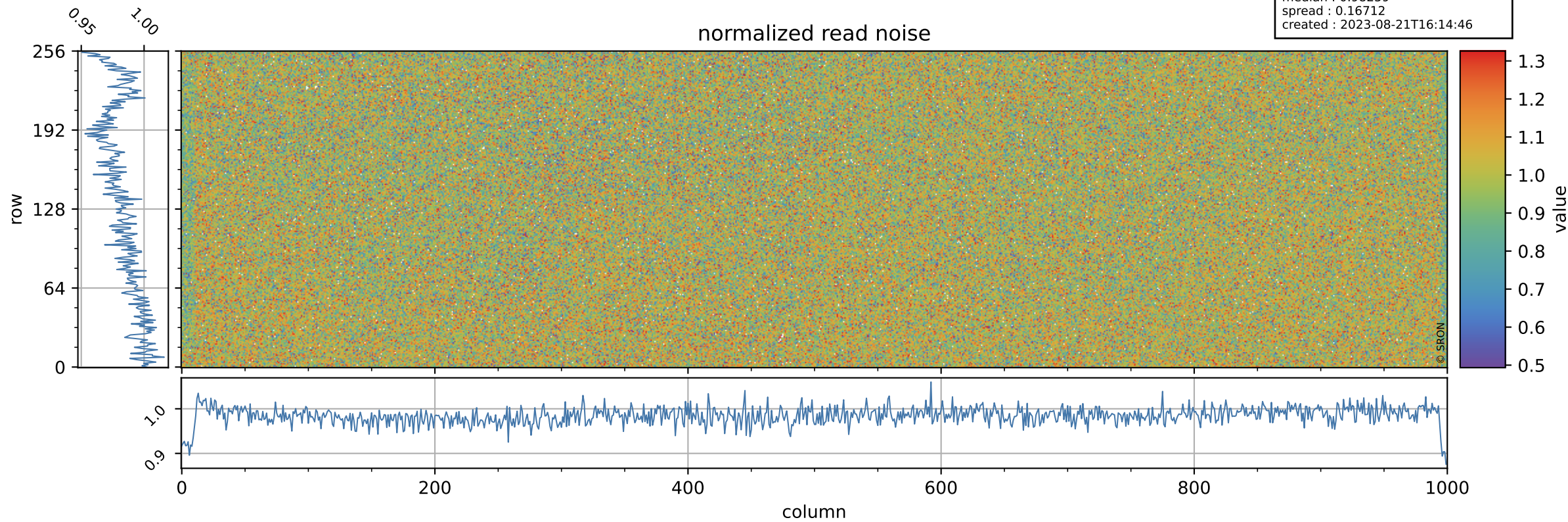
orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
median : 1.1301 e
spread : 0.064871 e
created : 2023-08-21T16:14:46



Tropomi SWIR background noise (swir)

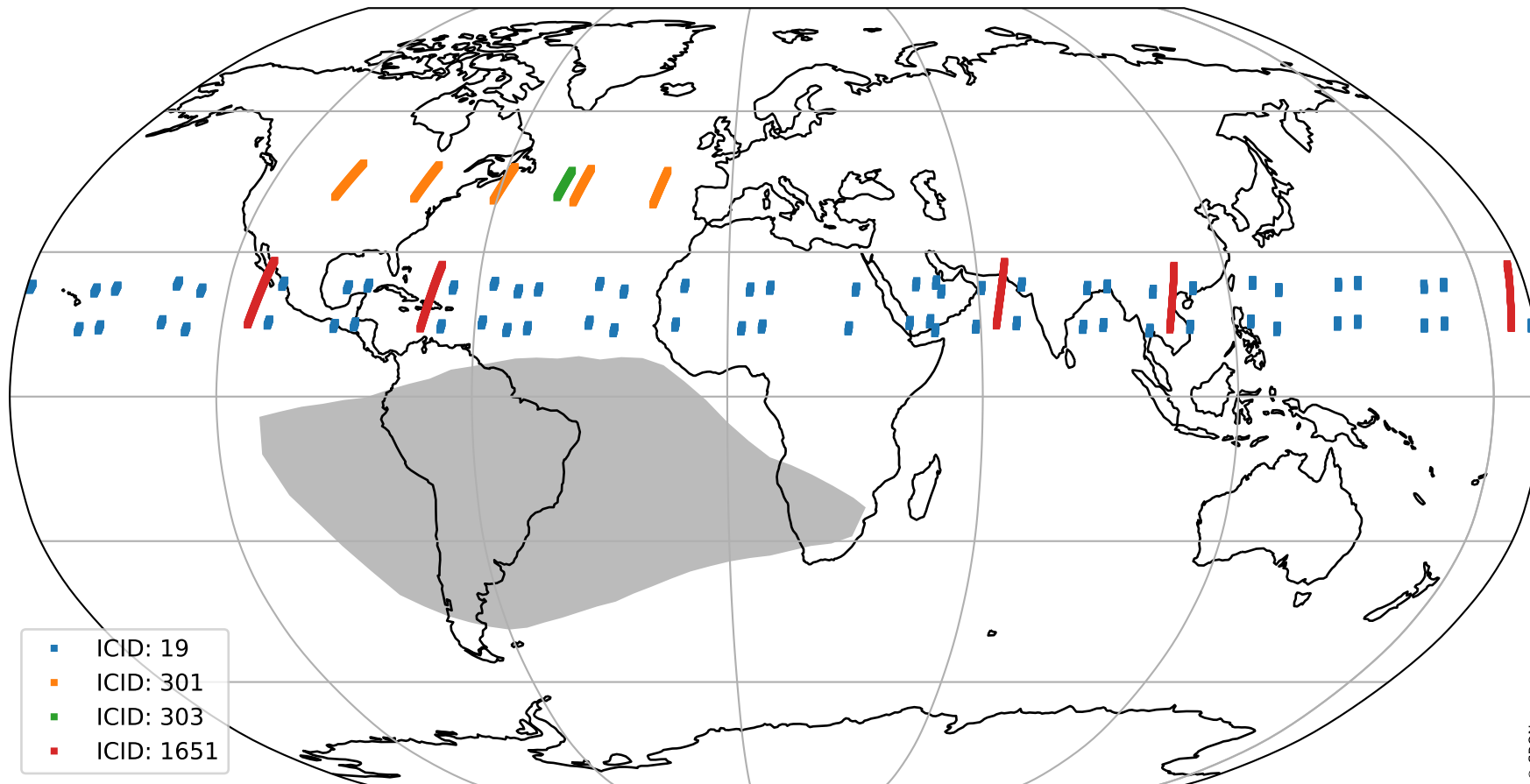
orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
median : 0.98259
spread : 0.16712
created : 2023-08-21T16:14:46

normalized read noise



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

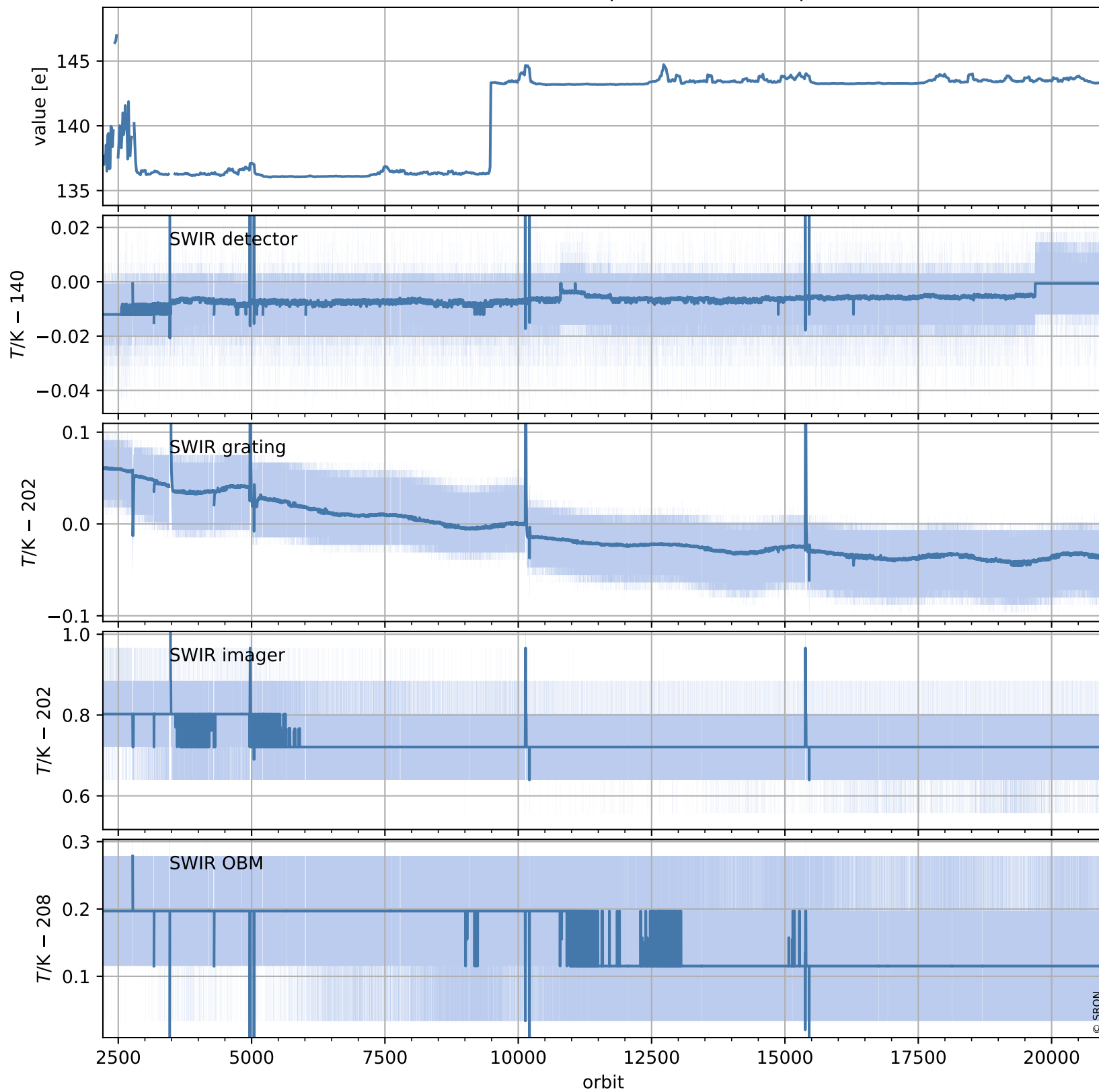
orbits : 11 in [20917, 20977]
coverage : 2021-10-26 / 2021-10-30
created : 2023-08-21T16:14:47



Tropomi SWIR background noise (swir)

orbits : [2212, 20977]
coverage : 2018-03-18 / 2021-10-30
created : 2023-08-21T16:14:47

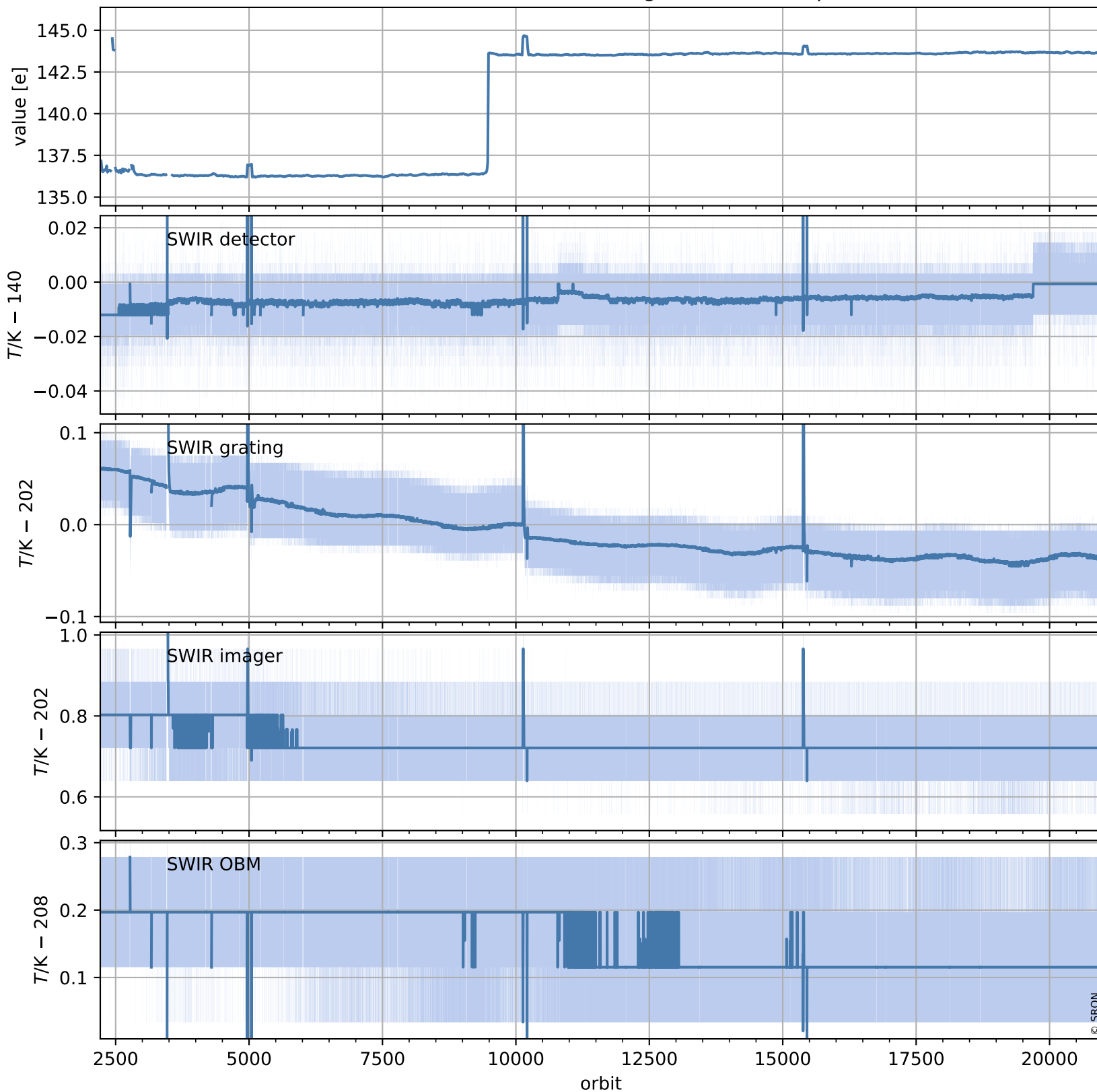
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20977]
coverage : 2018-03-18 / 2021-10-30
created : 2023-08-21T16:14:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20977]
coverage : 2018-03-18 / 2021-10-30
created : 2023-08-21T16:14:49

trend of normalized read-noise & temperatures

