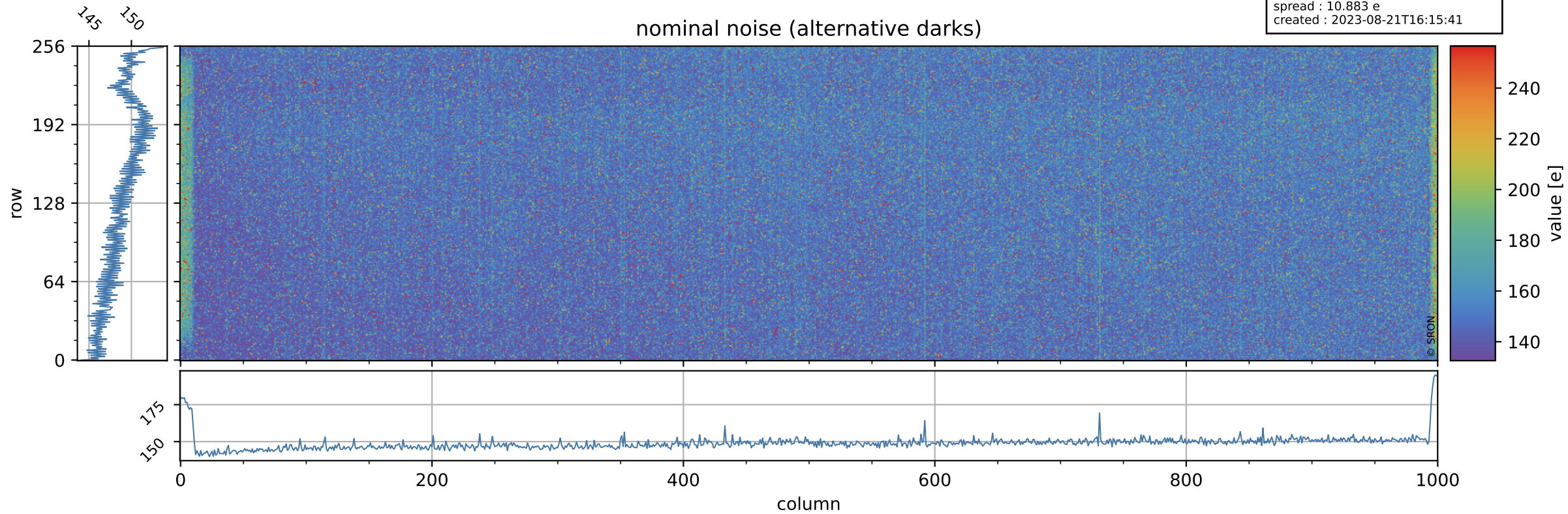


Tropomi SWIR background noise (swir)

orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.883 e
created : 2023-08-21T16:15:41

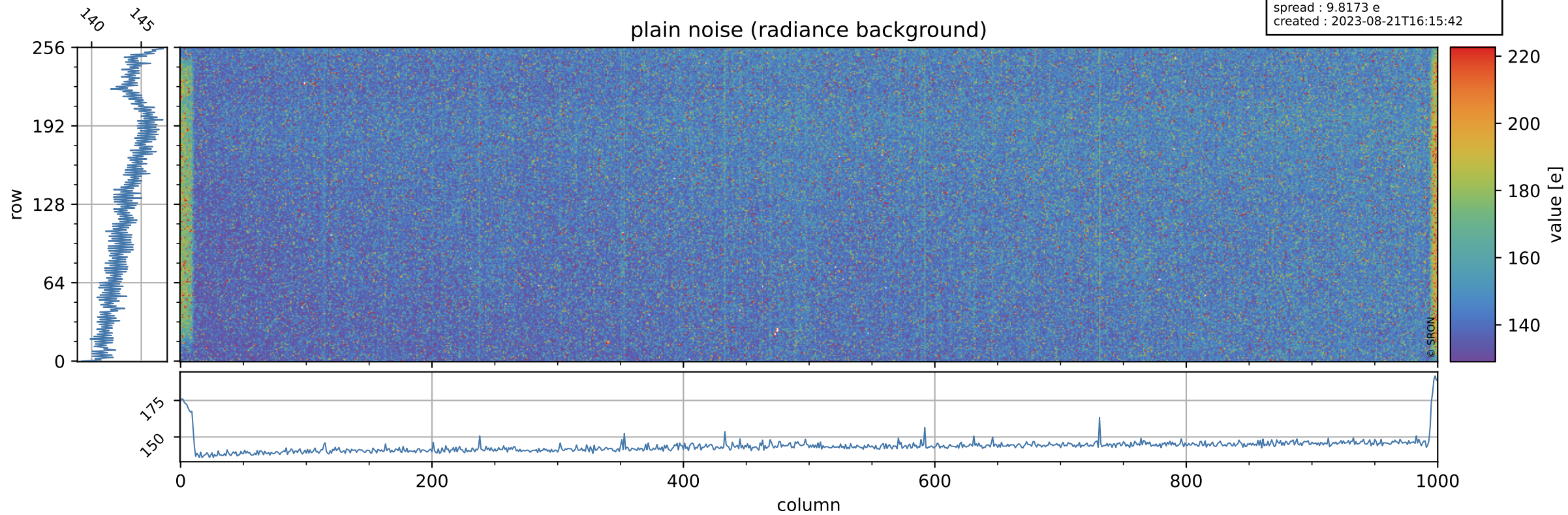
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8173 e
created : 2023-08-21T16:15:42

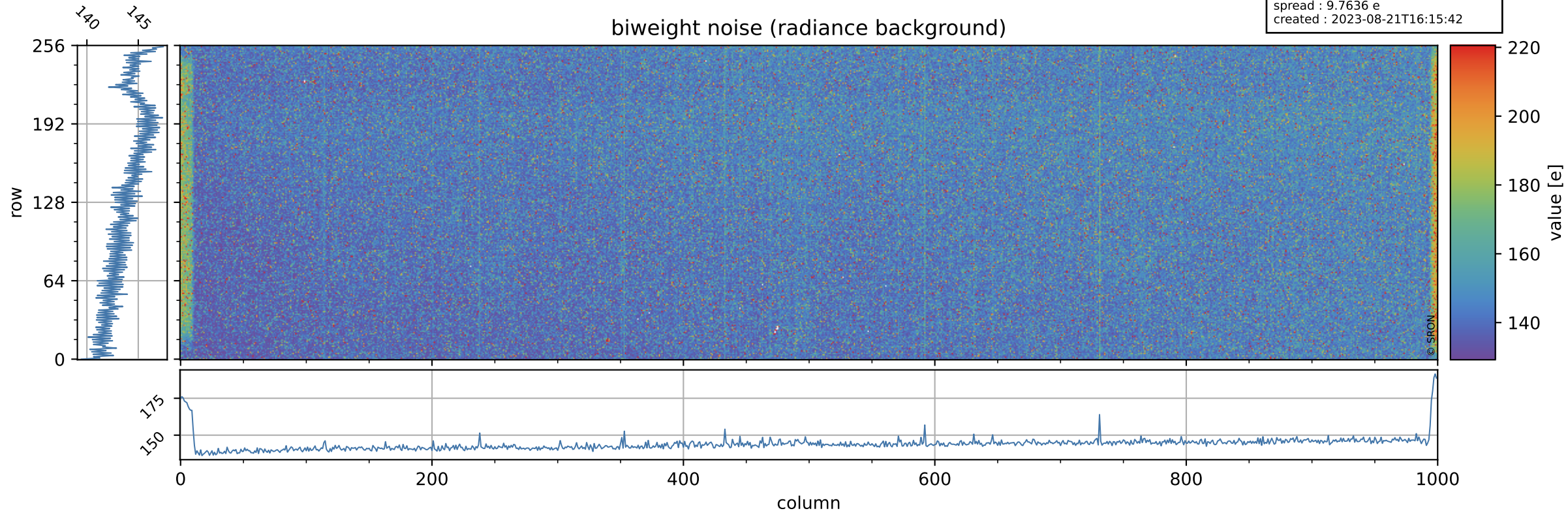
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7636 e
created : 2023-08-21T16:15:42

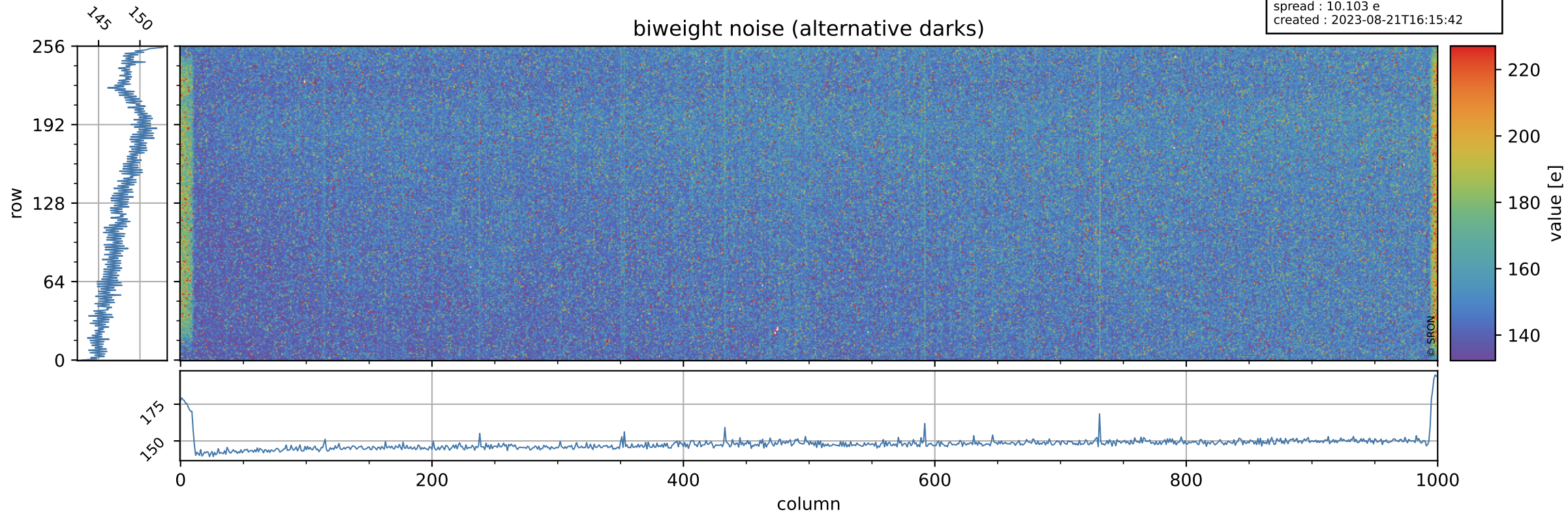
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.103 e
created : 2023-08-21T16:15:42

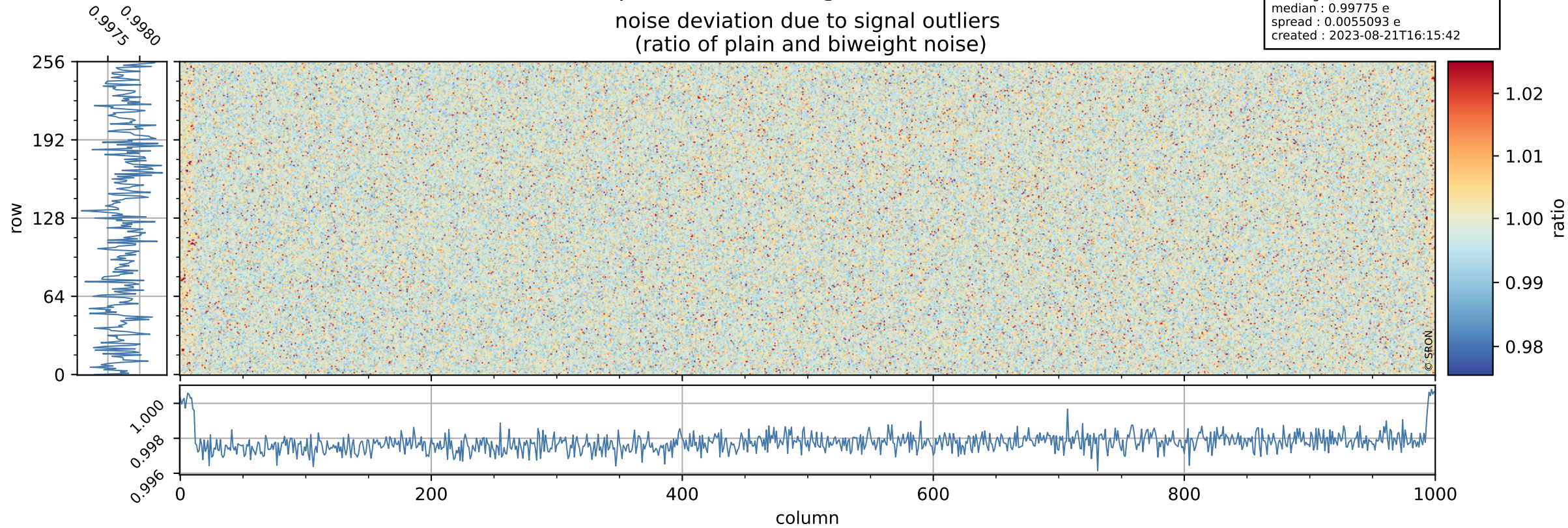
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

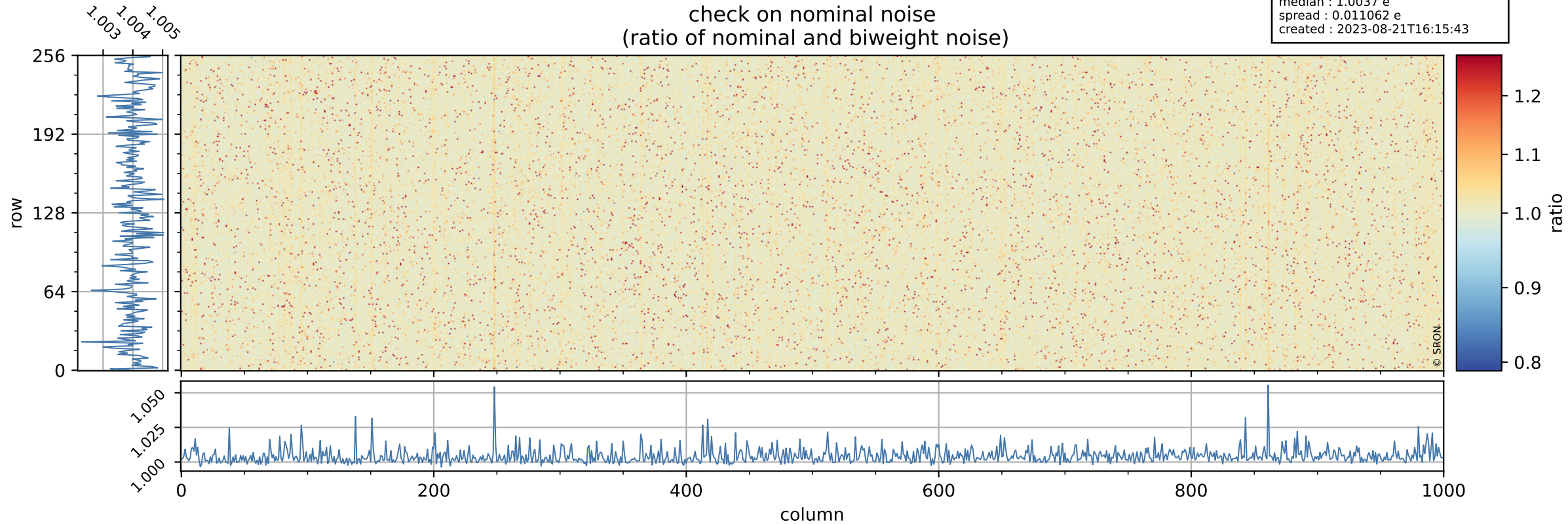
orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
median : 0.99775 e
spread : 0.0055093 e
created : 2023-08-21T16:15:42



Tropomi SWIR background noise (swir)

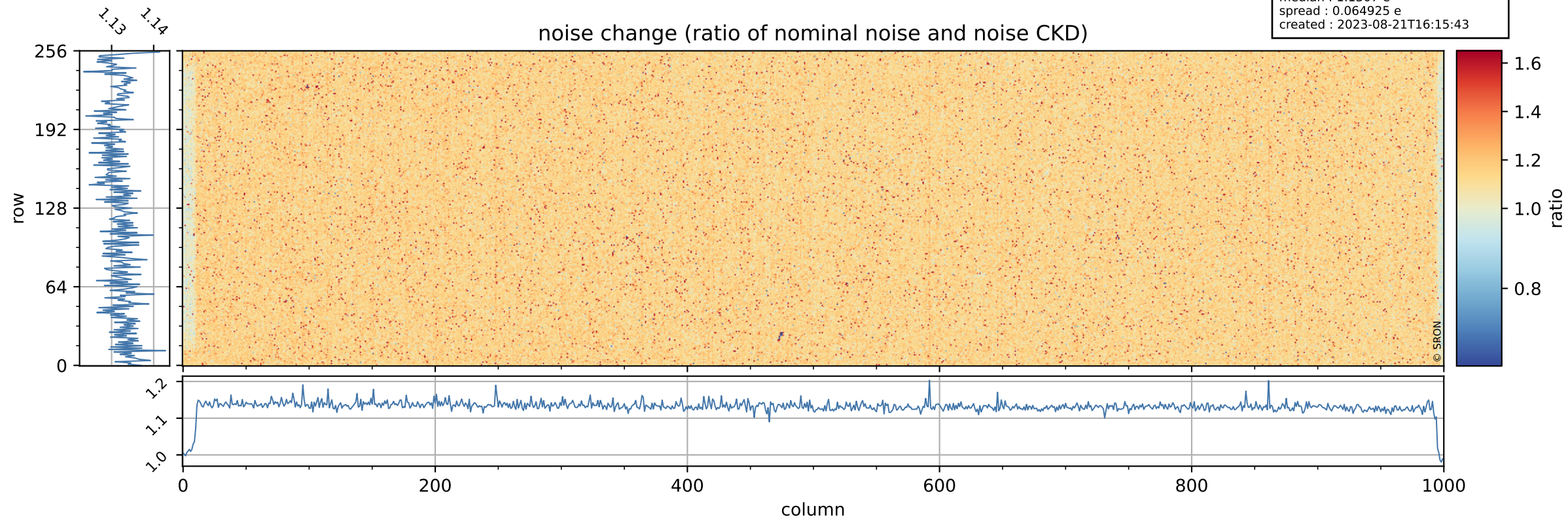
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
median : 1.0037 e
spread : 0.011062 e
created : 2023-08-21T16:15:43



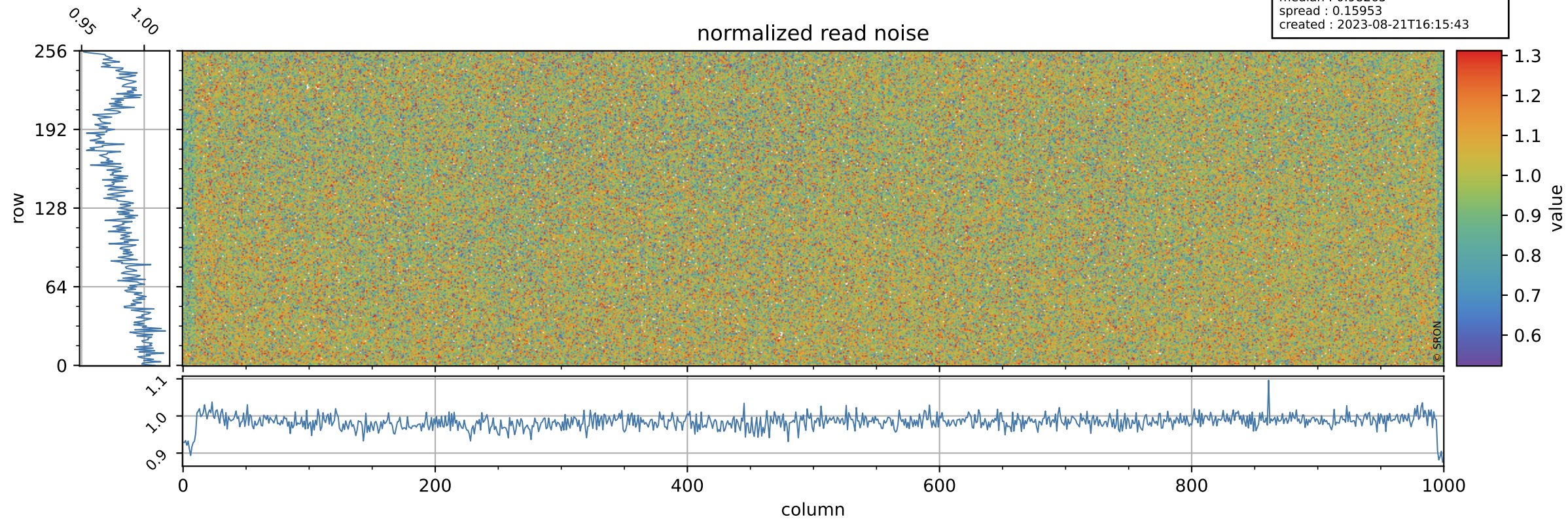
Tropomi SWIR background noise (swir)

orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
median : 1.1307 e
spread : 0.064925 e
created : 2023-08-21T16:15:43



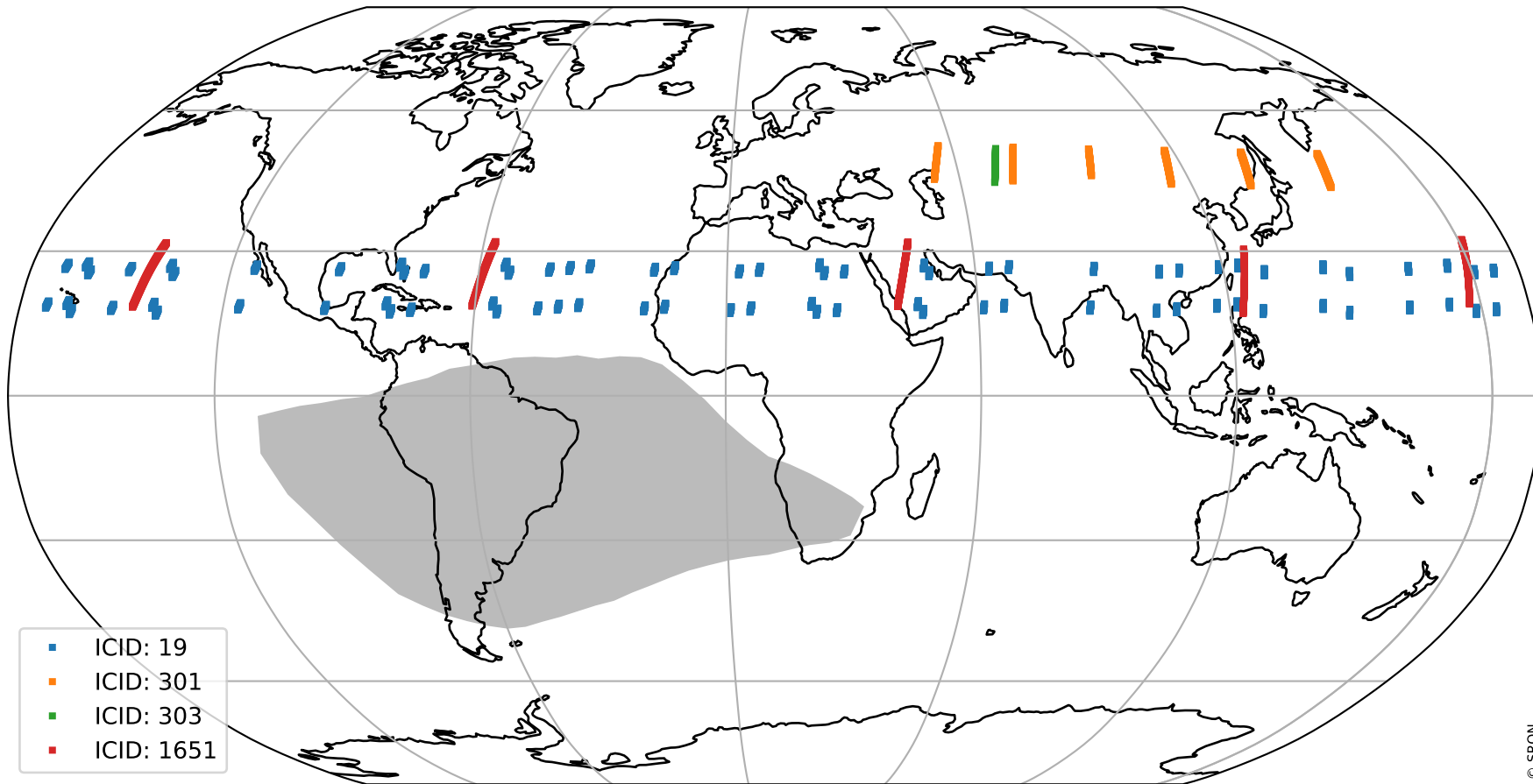
Tropomi SWIR background noise (swir)

orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
median : 0.98265
spread : 0.15953
created : 2023-08-21T16:15:43



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

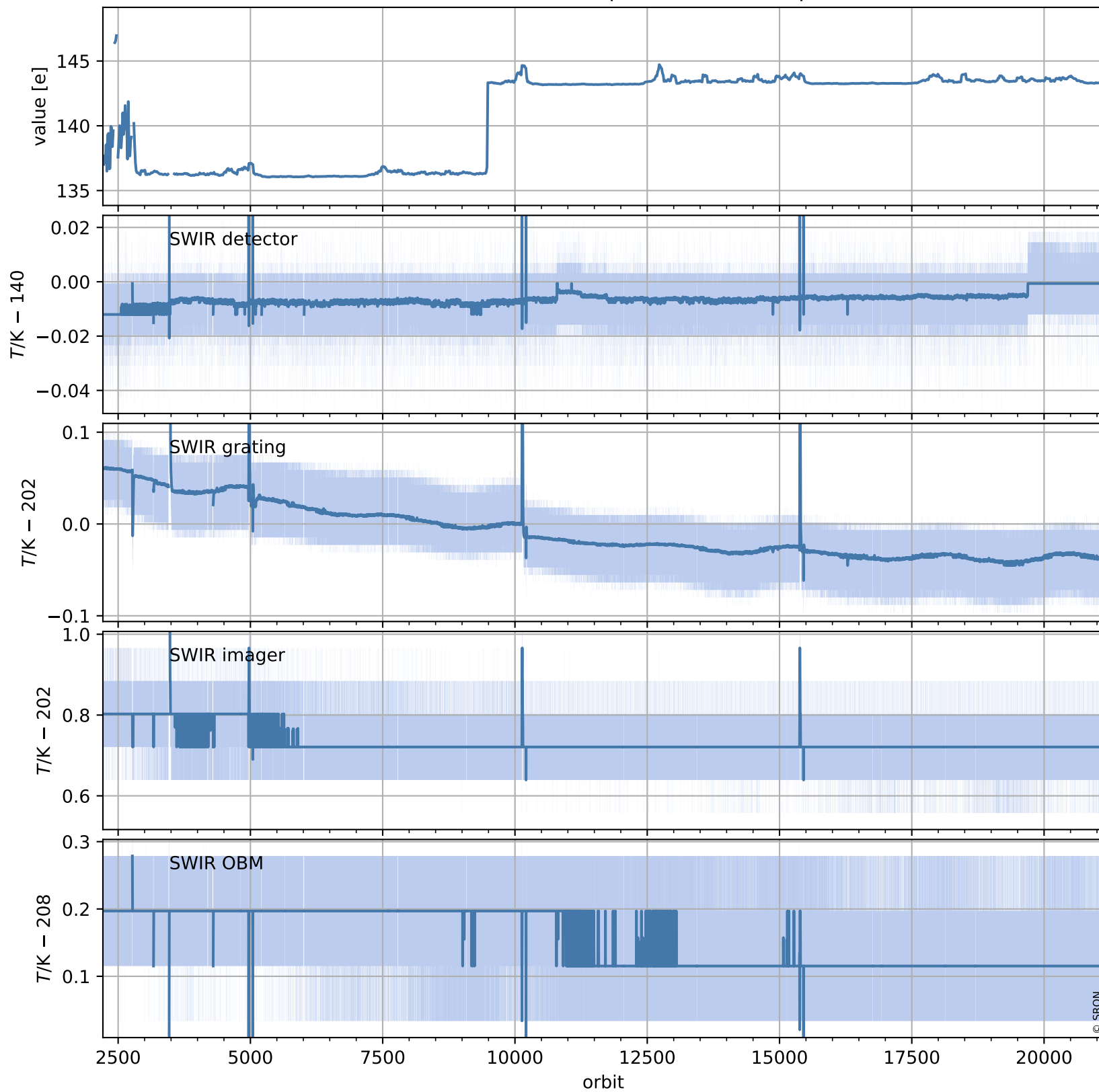
orbits : 12 in [21037, 21127]
coverage : 2021-11-04 / 2021-11-10
created : 2023-08-21T16:15:44



Tropomi SWIR background noise (swir)

orbits : [2212, 21127]
coverage : 2018-03-18 / 2021-11-10
created : 2023-08-21T16:15:44

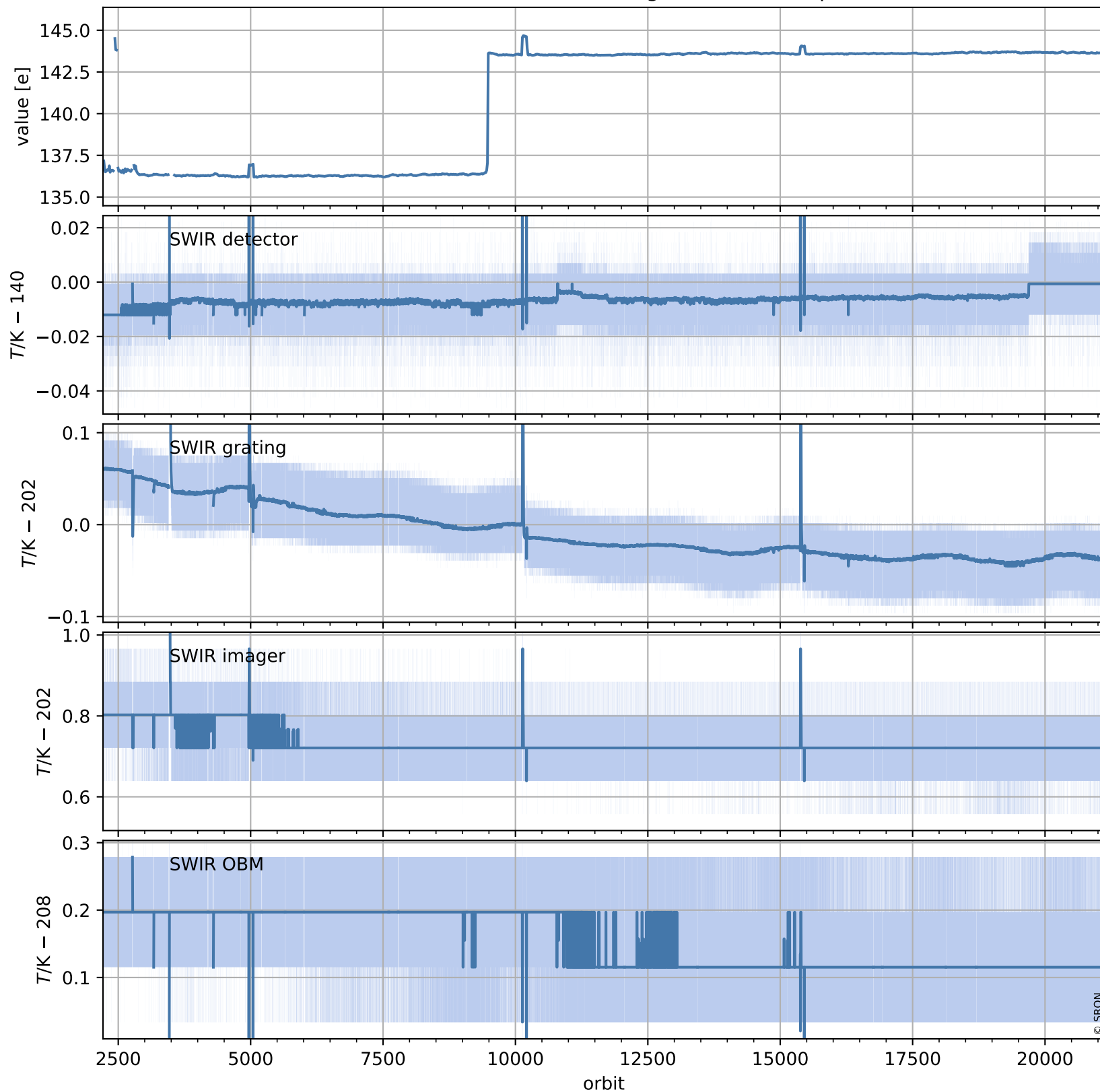
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21127]
coverage : 2018-03-18 / 2021-11-10
created : 2023-08-21T16:15:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21127]
coverage : 2018-03-18 / 2021-11-10
created : 2023-08-21T16:15:46

trend of normalized read-noise & temperatures

