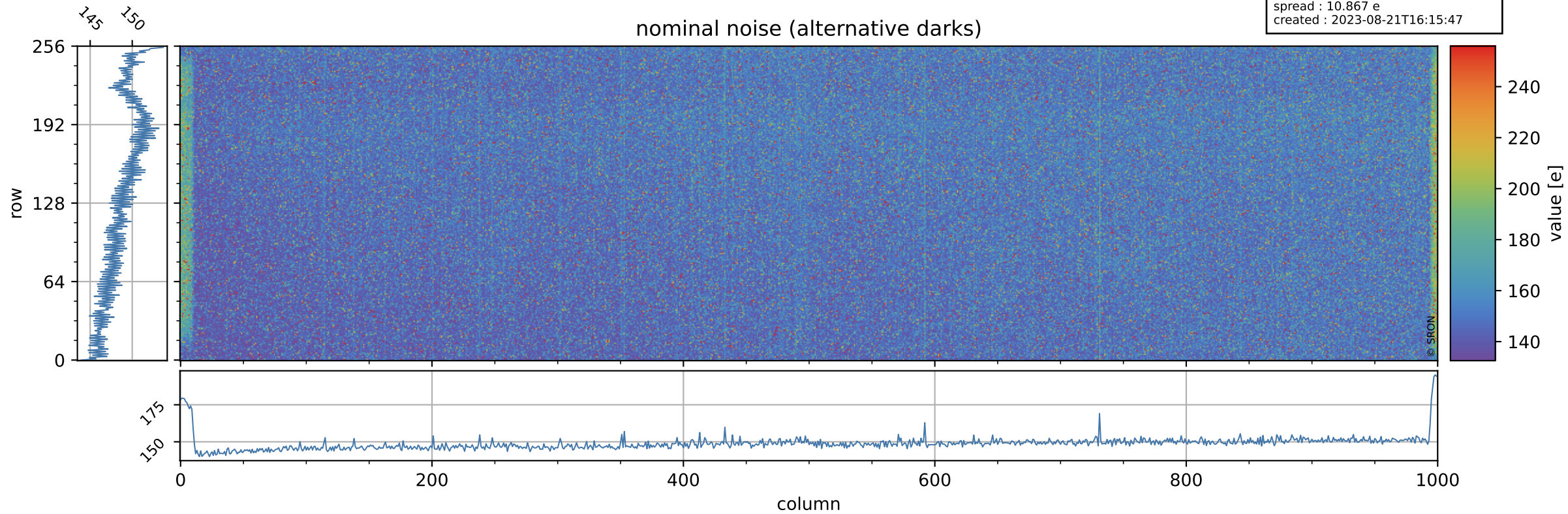


Tropomi SWIR background noise (swir)

orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.867 e
created : 2023-08-21T16:15:47

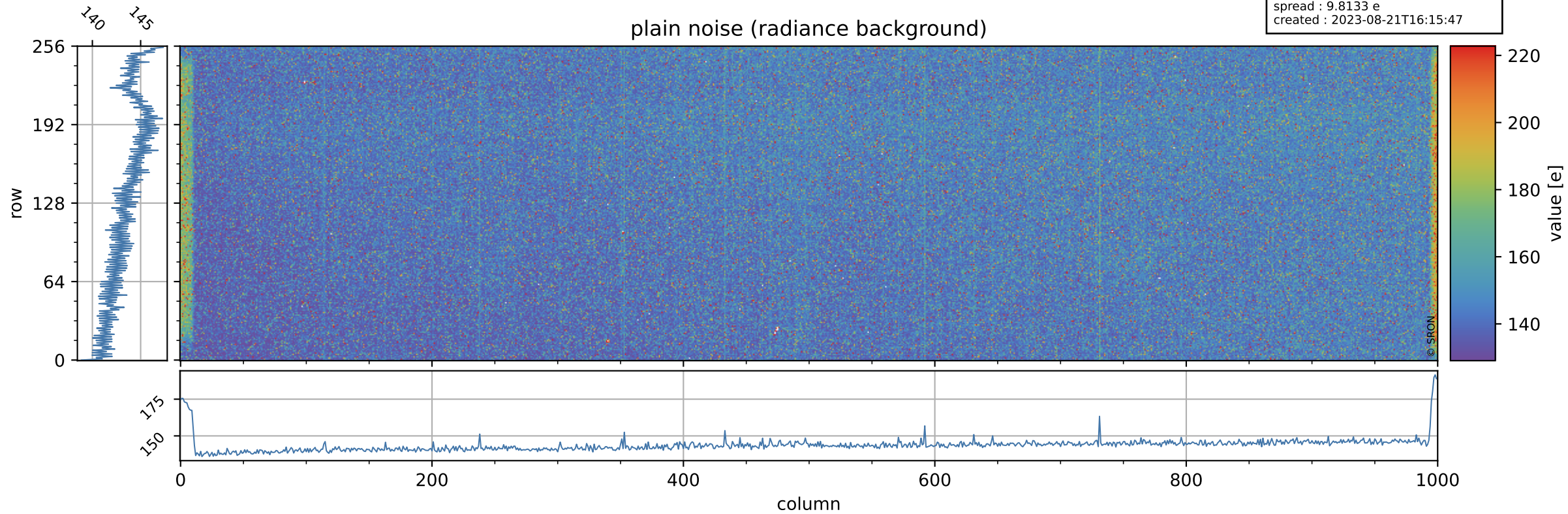
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8133 e
created : 2023-08-21T16:15:47

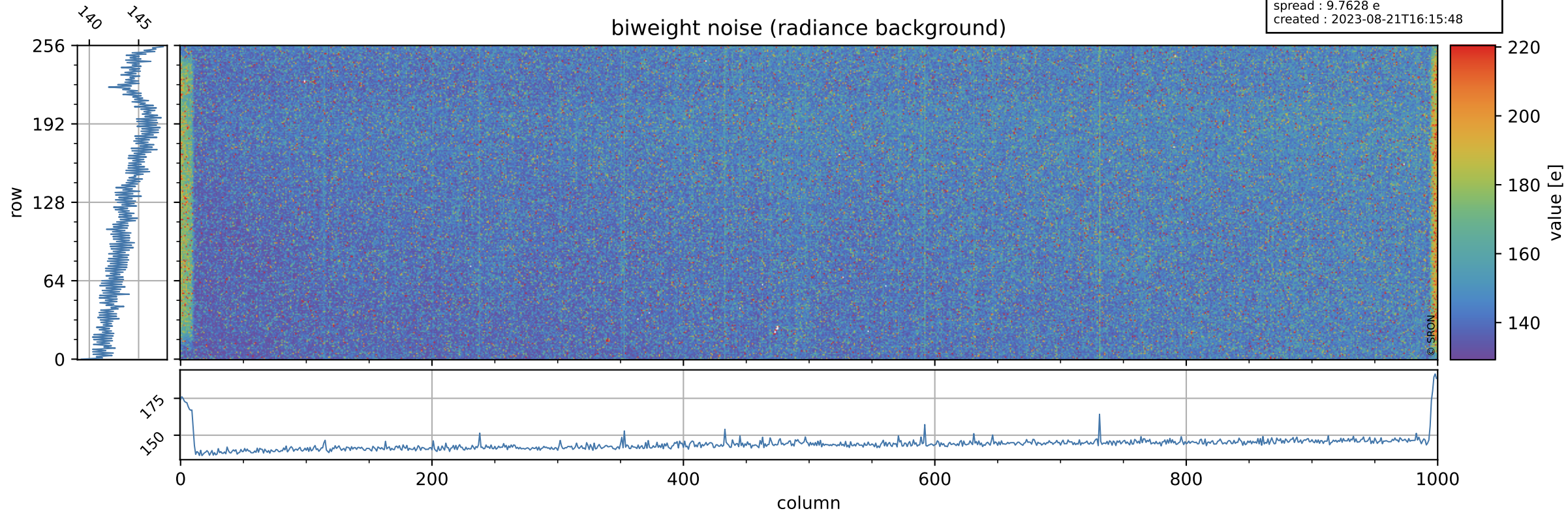
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7628 e
created : 2023-08-21T16:15:48

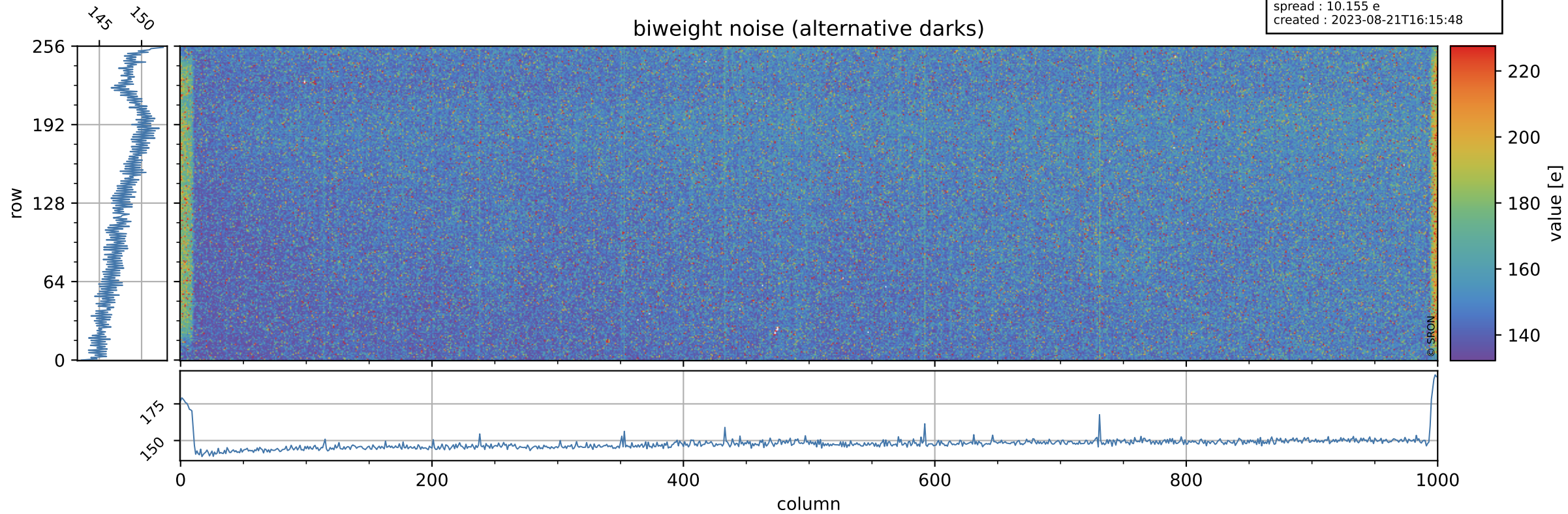
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.155 e
created : 2023-08-21T16:15:48

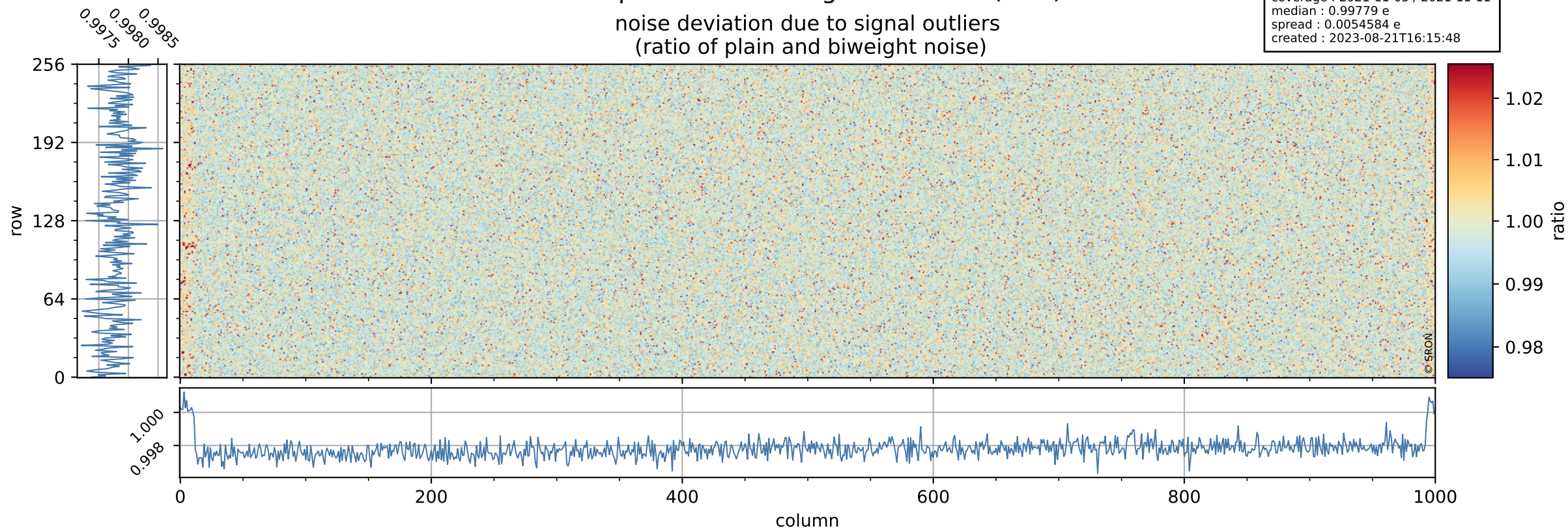
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

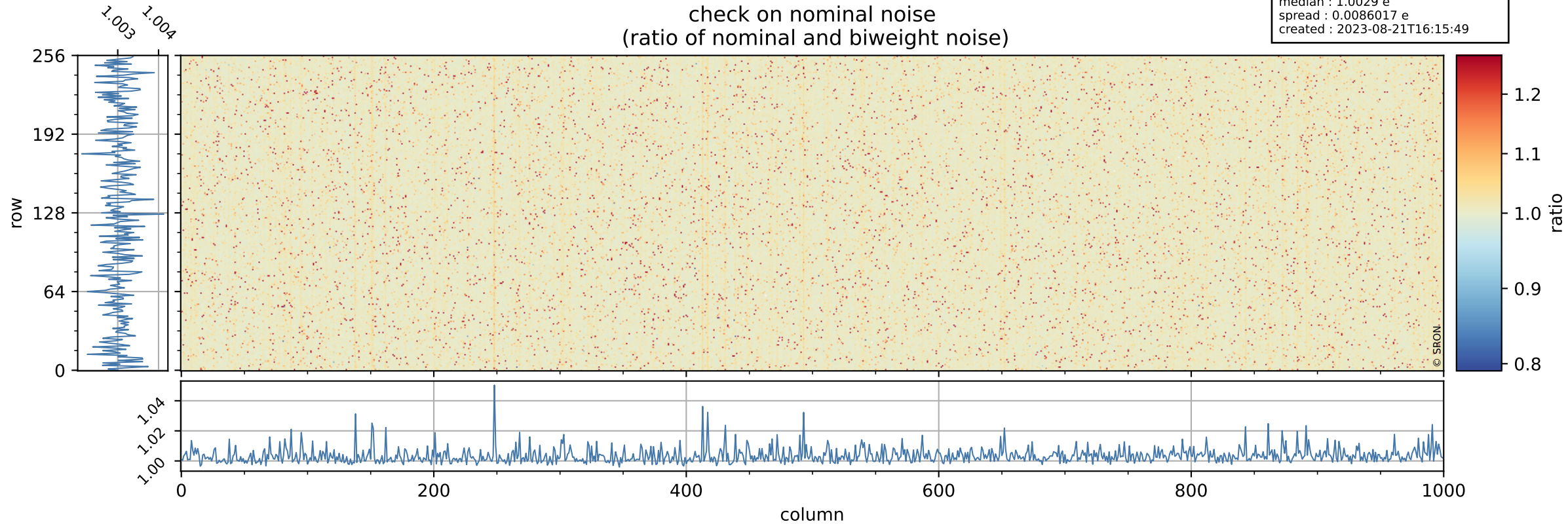
orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
median : 0.99779 e
spread : 0.0054584 e
created : 2023-08-21T16:15:48



Tropomi SWIR background noise (swir)

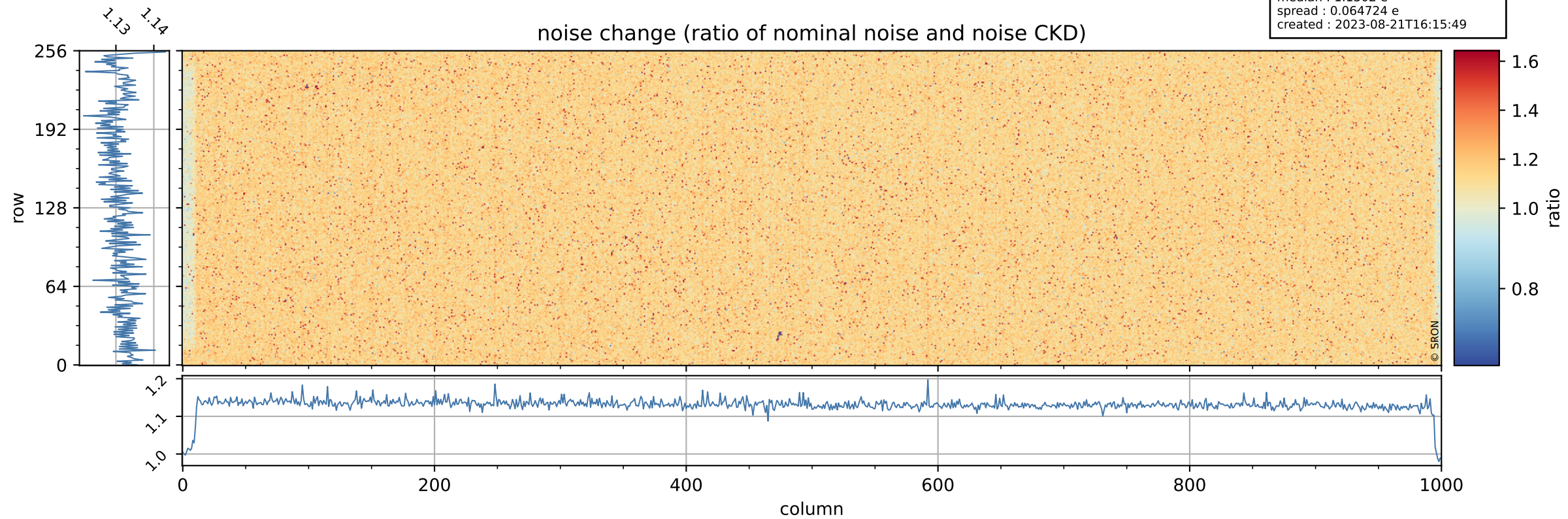
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
median : 1.0029 e
spread : 0.0086017 e
created : 2023-08-21T16:15:49



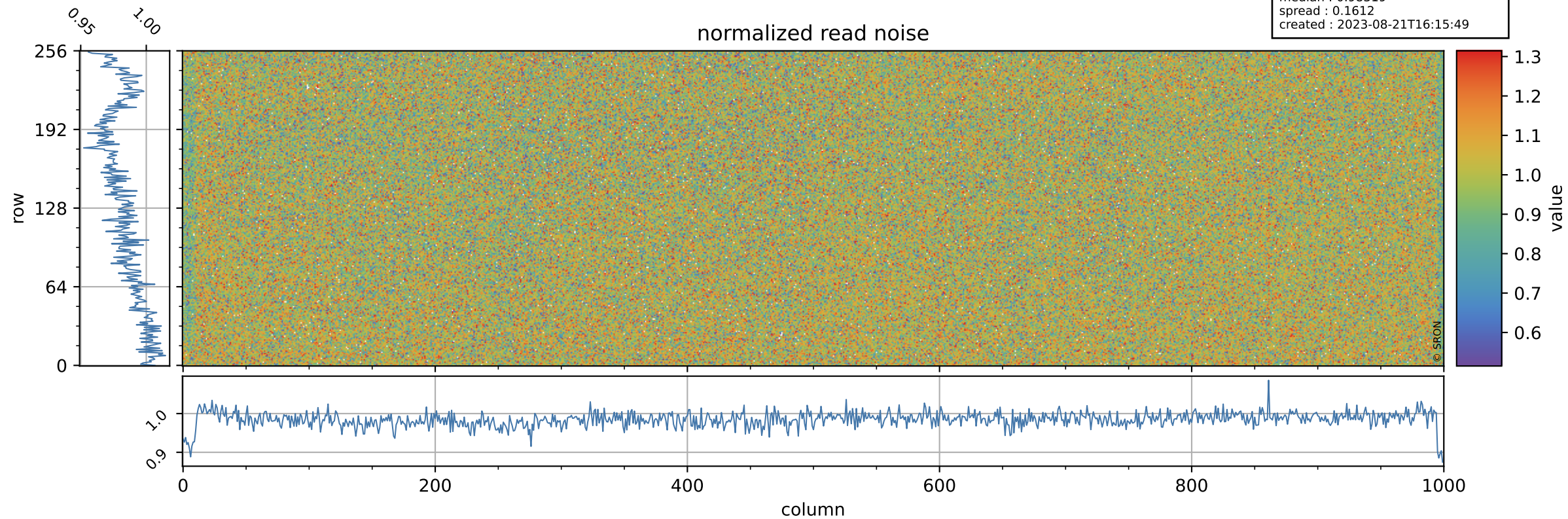
Tropomi SWIR background noise (swir)

orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
median : 1.1302 e
spread : 0.064724 e
created : 2023-08-21T16:15:49



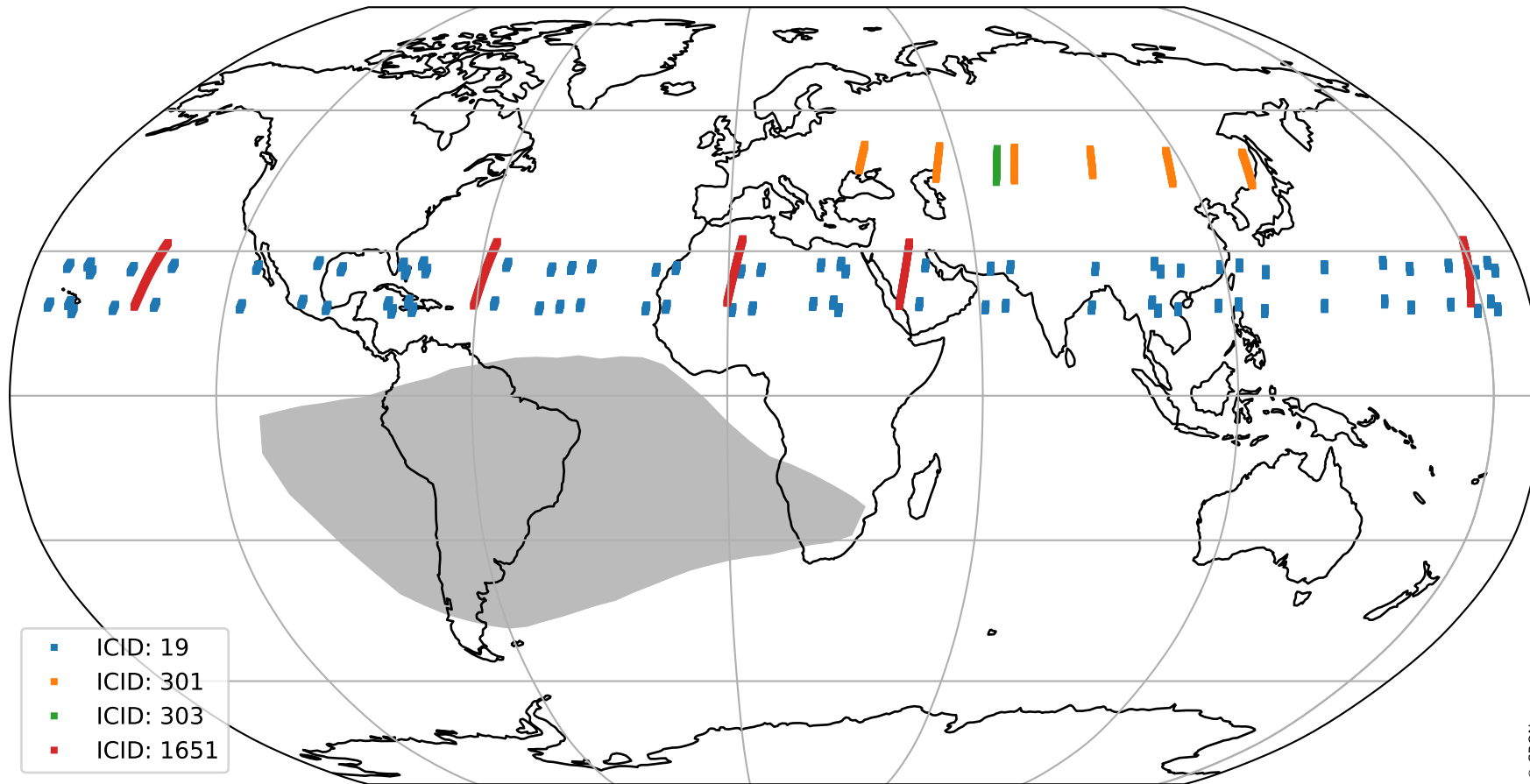
Tropomi SWIR background noise (swir)

orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
median : 0.98319
spread : 0.1612
created : 2023-08-21T16:15:49



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

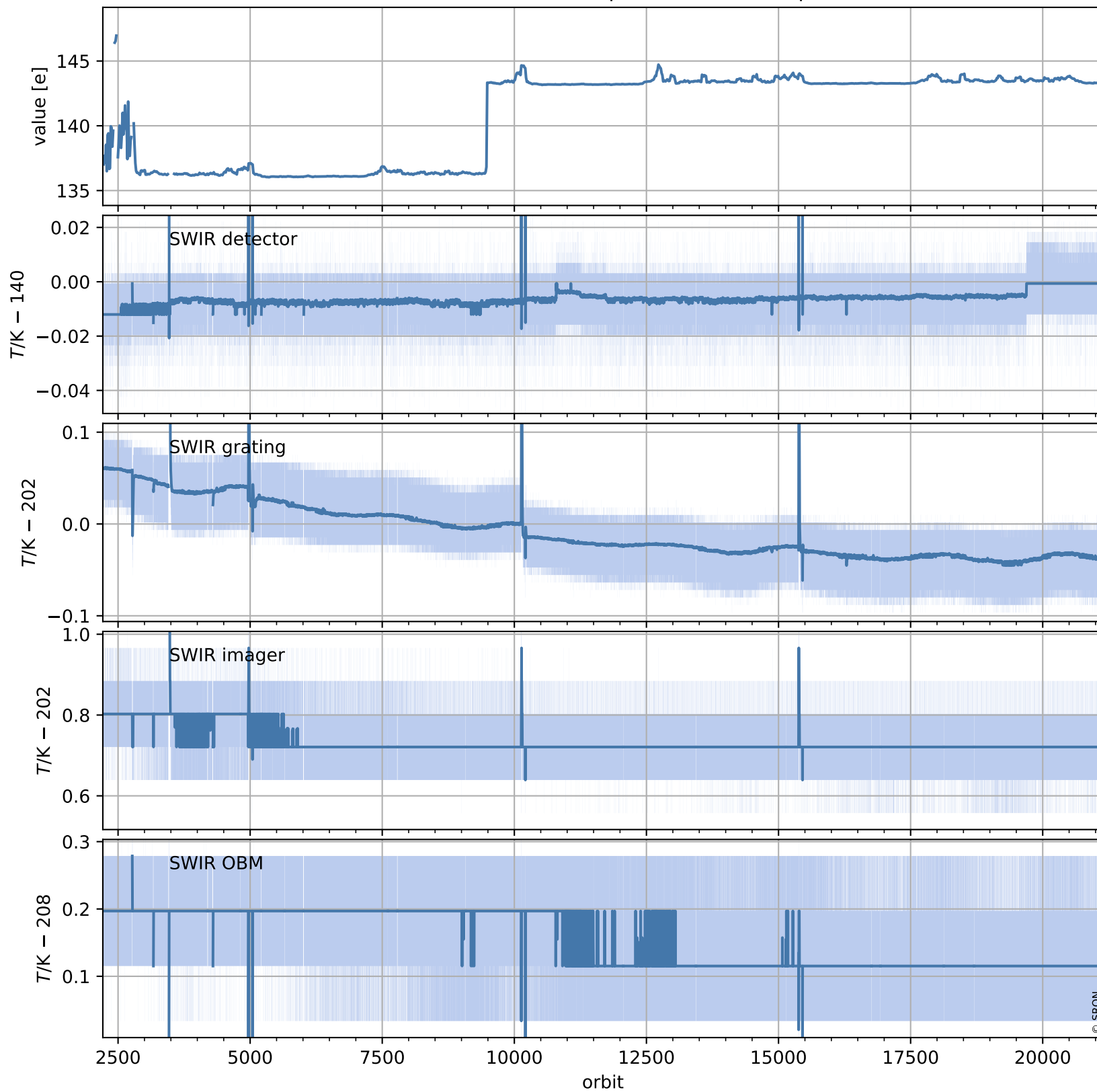
orbits : 12 in [21052, 21142]
coverage : 2021-11-05 / 2021-11-11
created : 2023-08-21T16:15:49



Tropomi SWIR background noise (swir)

orbits : [2212, 21142]
coverage : 2018-03-18 / 2021-11-11
created : 2023-08-21T16:15:50

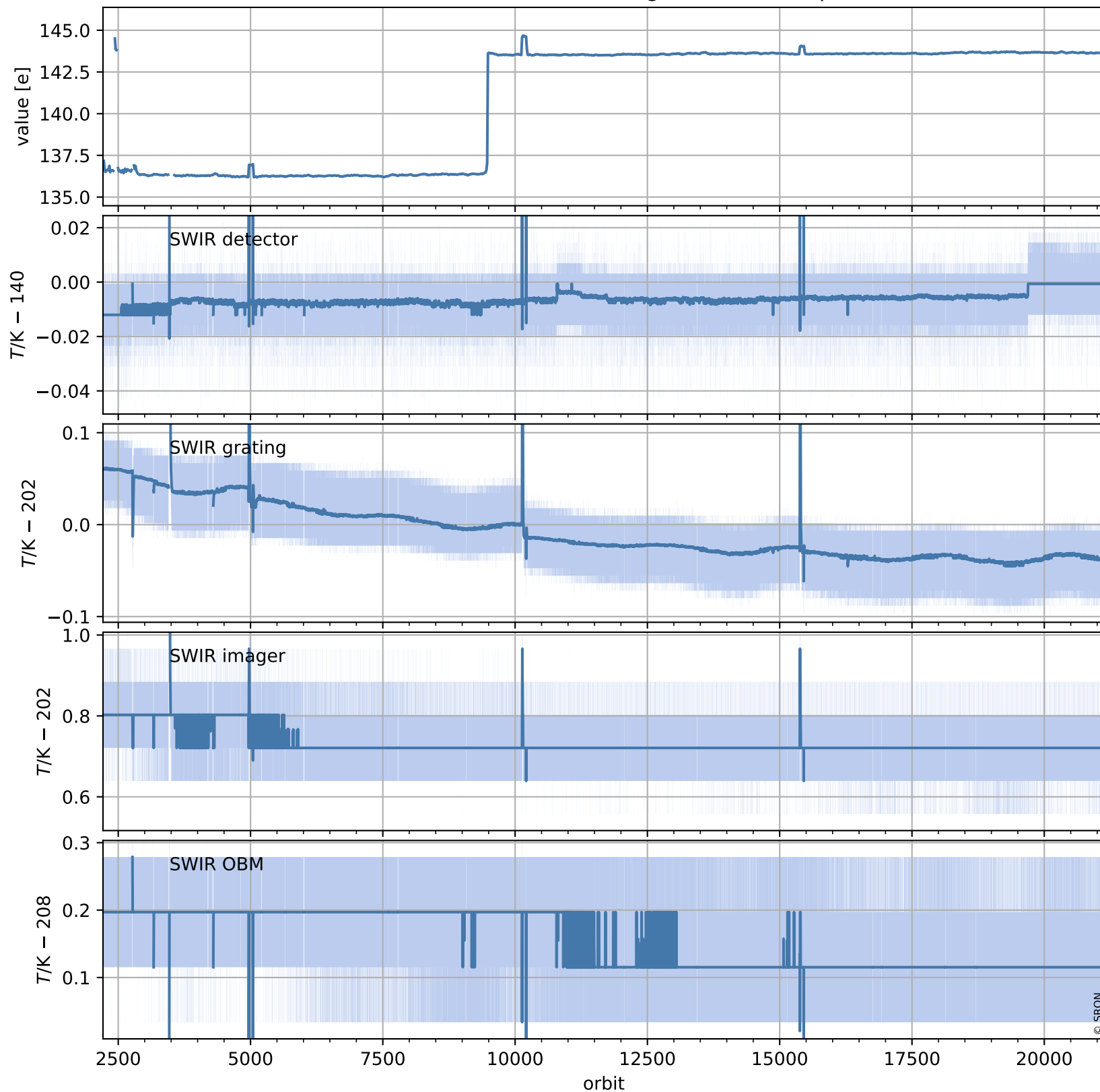
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21142]
coverage : 2018-03-18 / 2021-11-11
created : 2023-08-21T16:15:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21142]
coverage : 2018-03-18 / 2021-11-11
created : 2023-08-21T16:15:51

trend of normalized read-noise & temperatures

