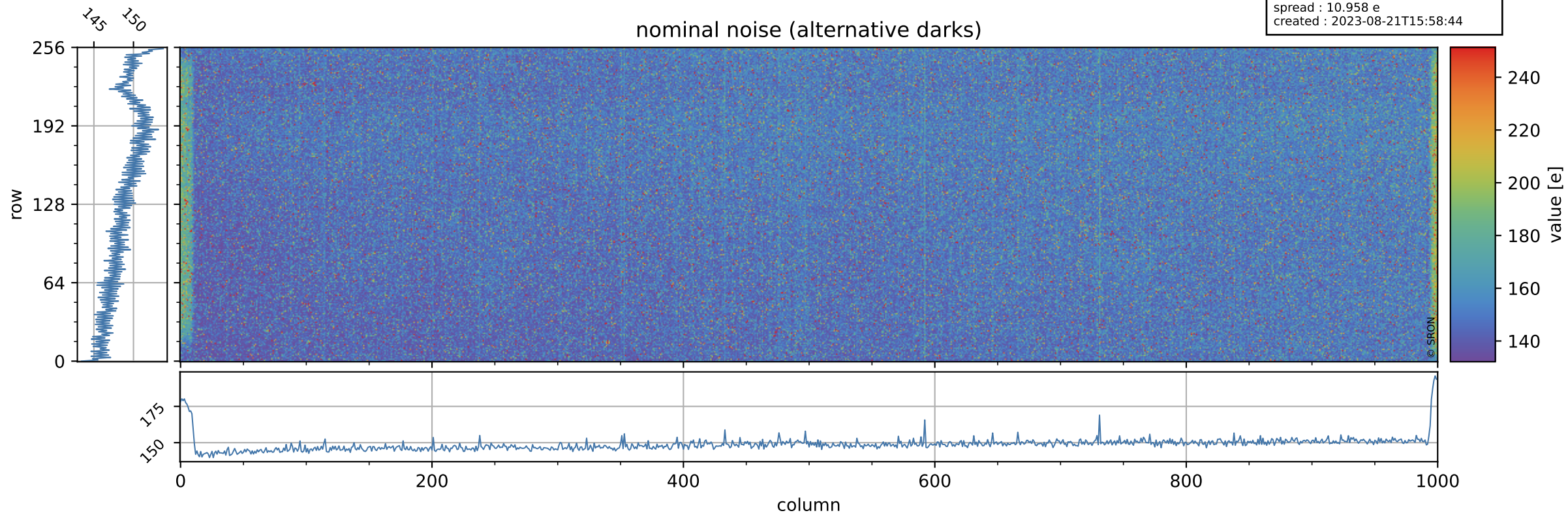


Tropomi SWIR background noise (swir)

orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.958 e
created : 2023-08-21T15:58:44

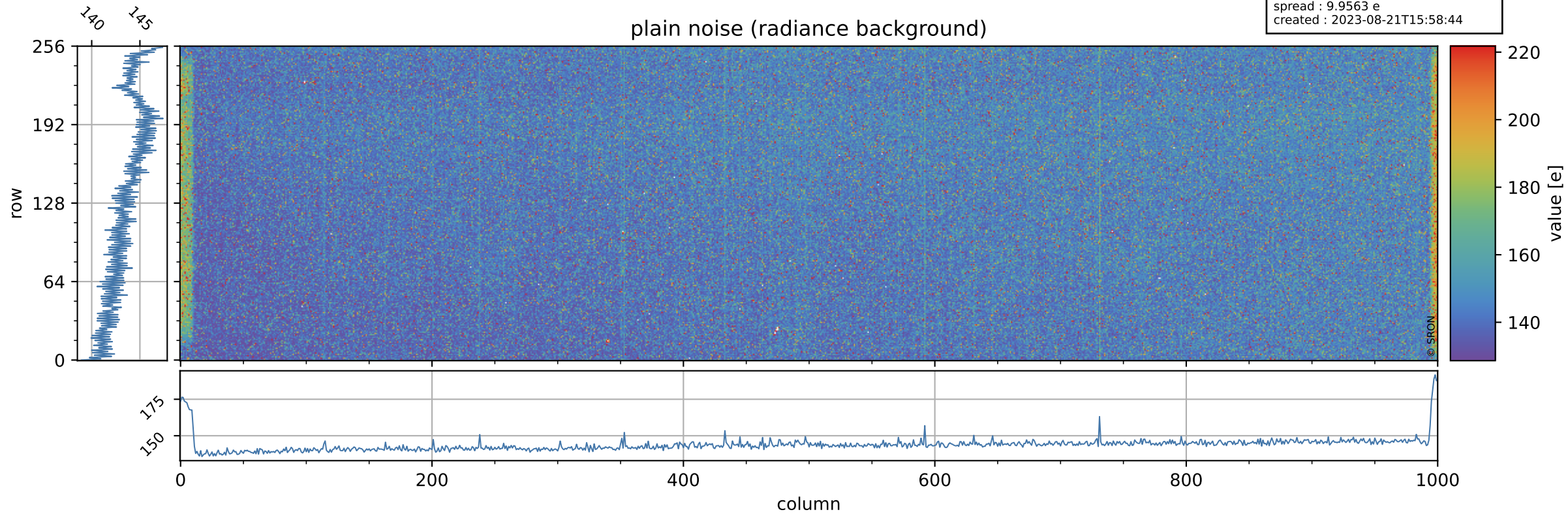
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.9563 e
created : 2023-08-21T15:58:44

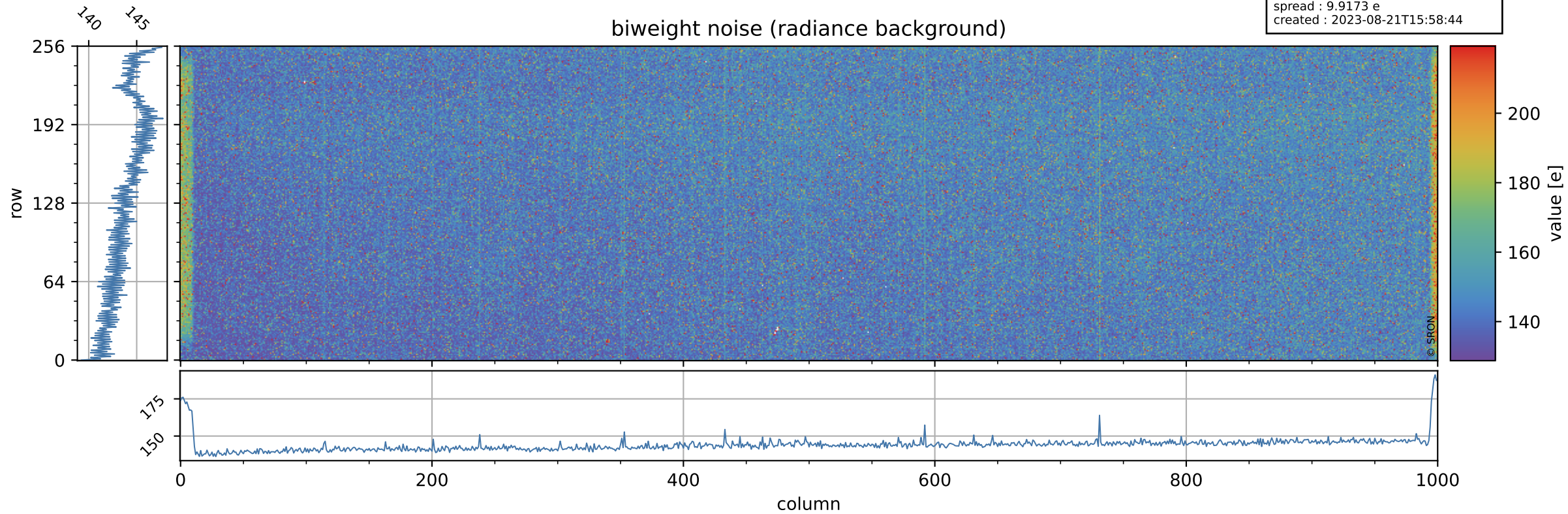
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9173 e
created : 2023-08-21T15:58:44

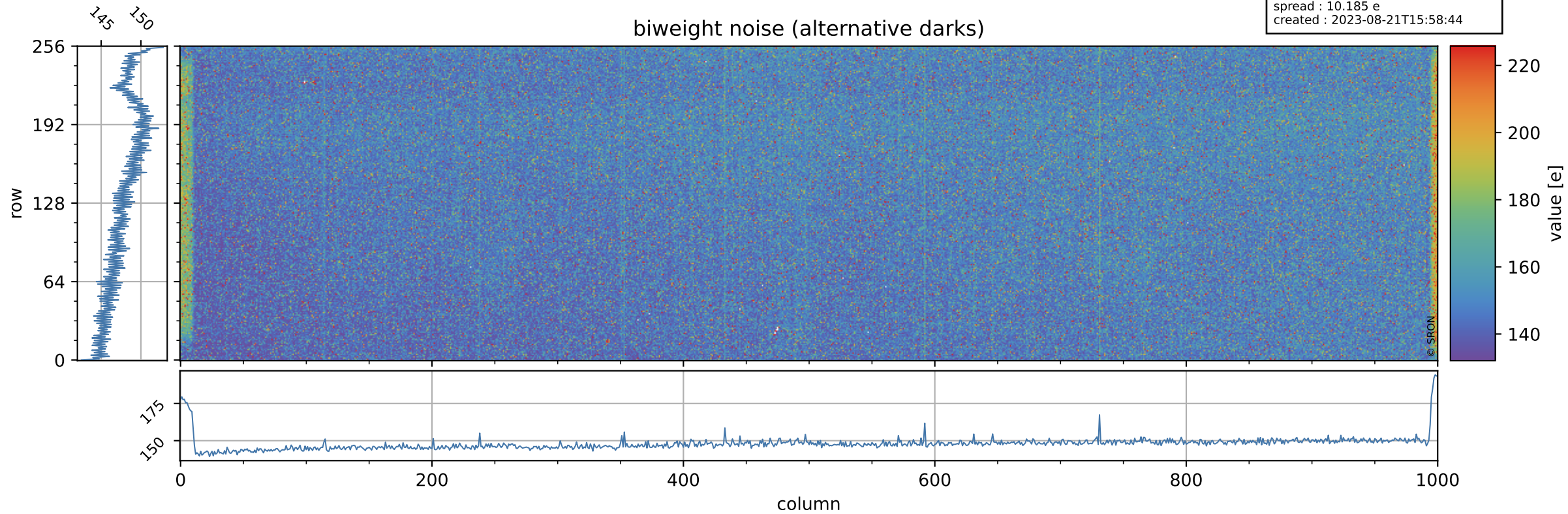
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.185 e
created : 2023-08-21T15:58:44

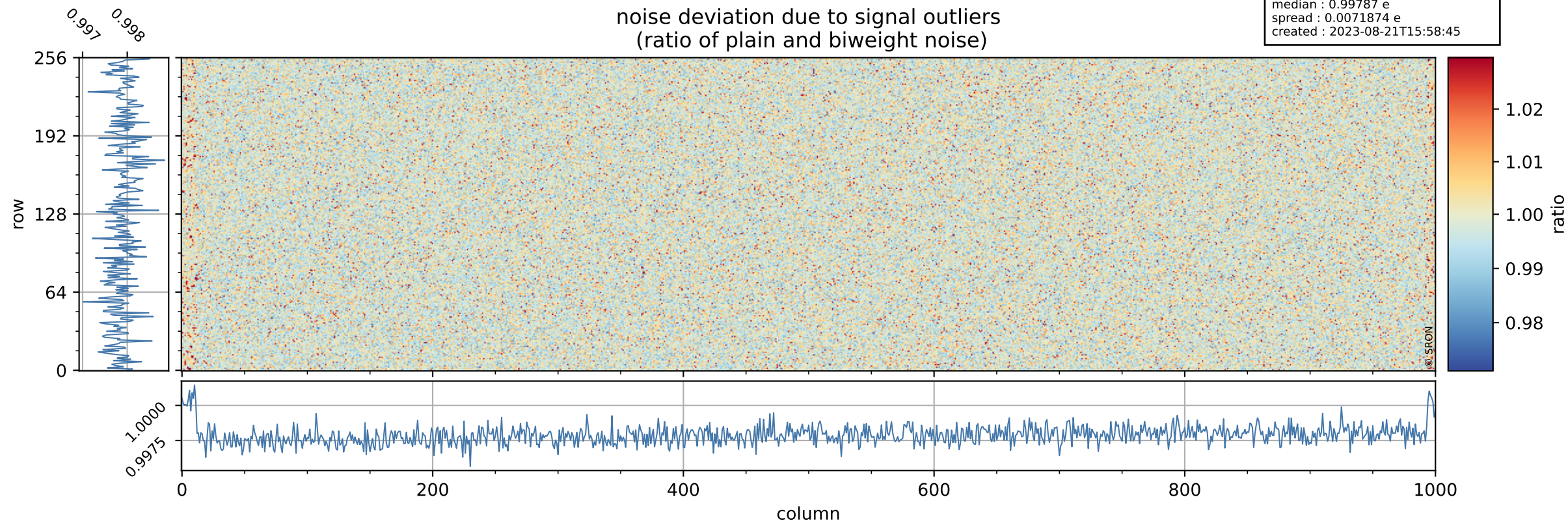
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

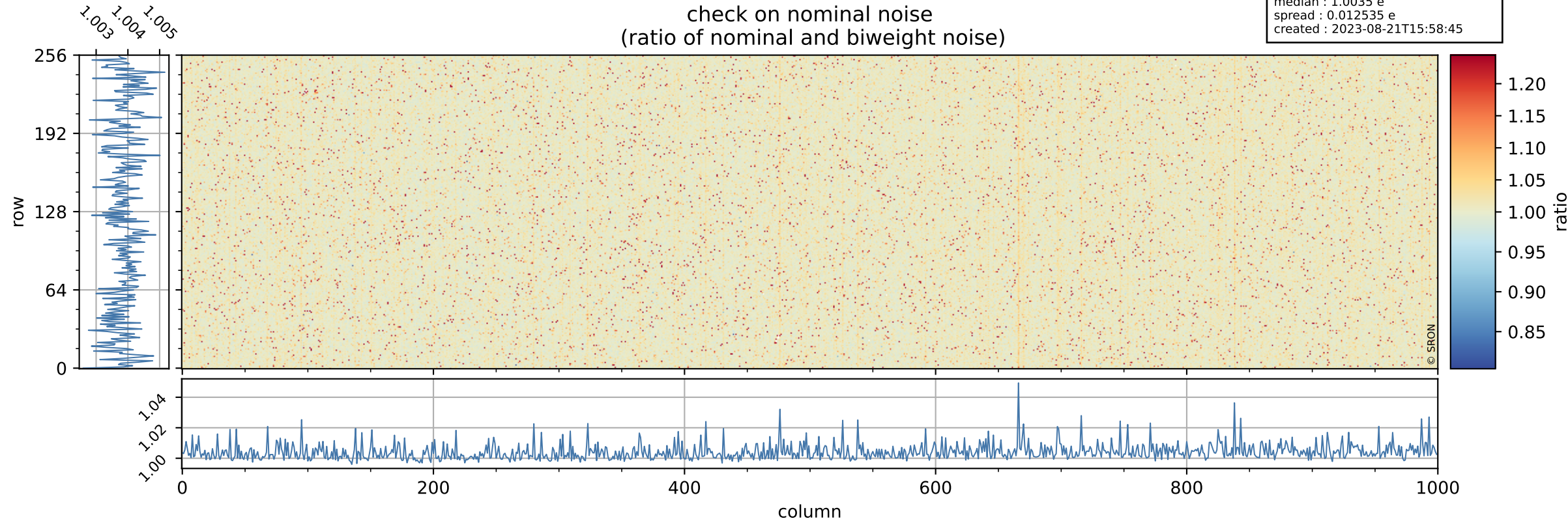
orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
median : 0.99787 e
spread : 0.0071874 e
created : 2023-08-21T15:58:45



Tropomi SWIR background noise (swir)

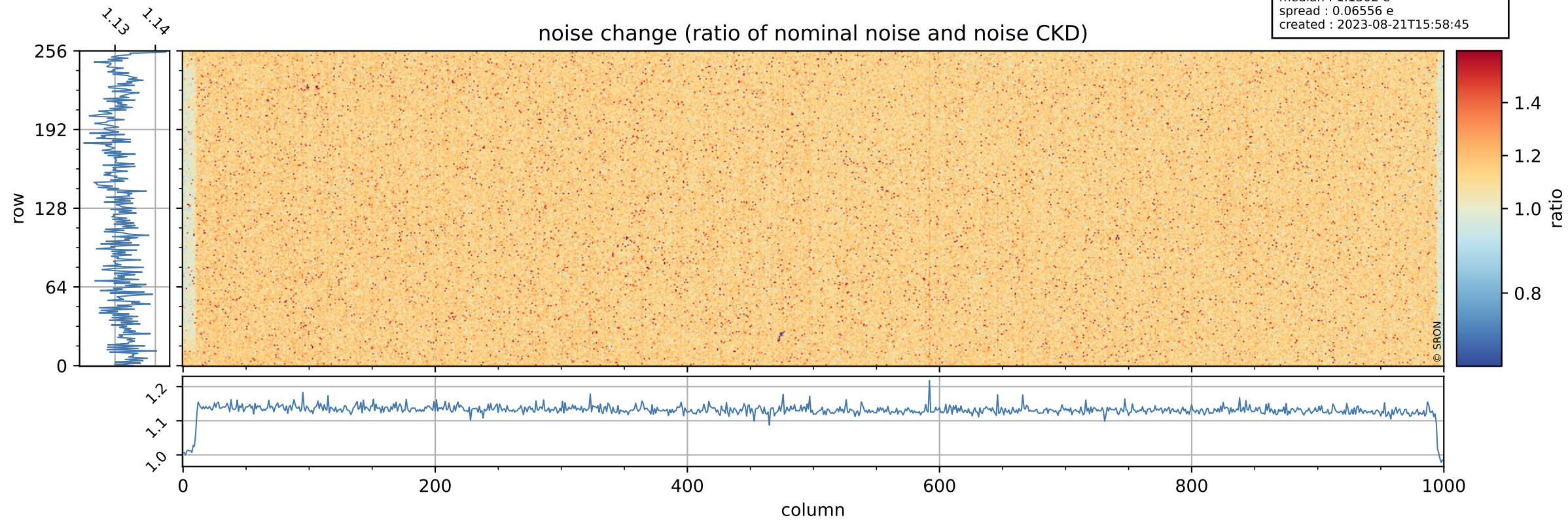
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
median : 1.0035 e
spread : 0.012535 e
created : 2023-08-21T15:58:45



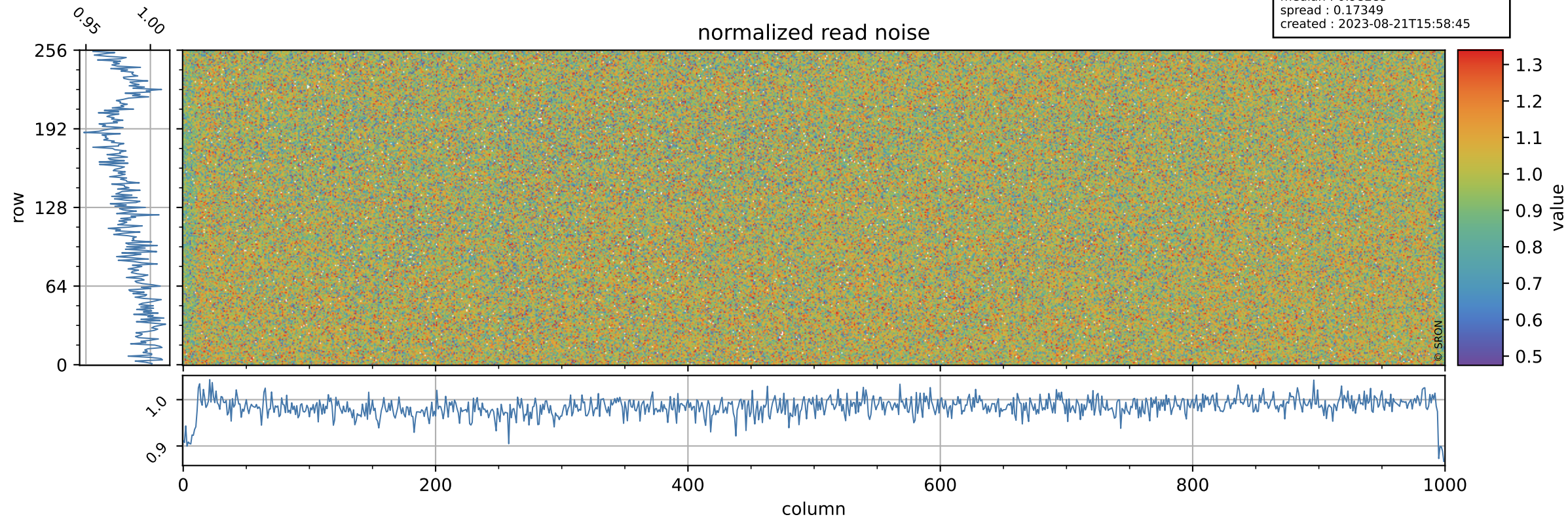
Tropomi SWIR background noise (swir)

orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
median : 1.1302 e
spread : 0.06556 e
created : 2023-08-21T15:58:45



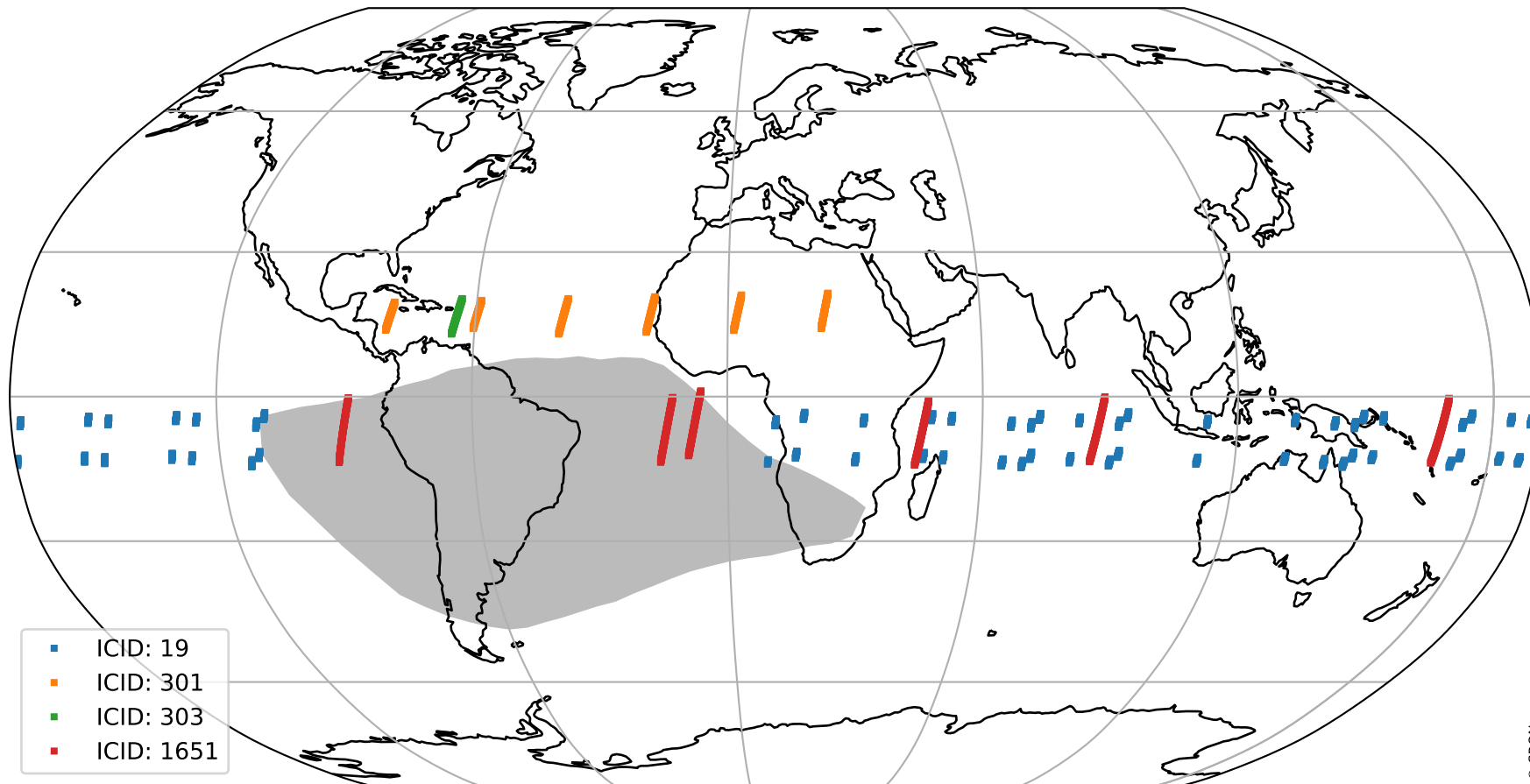
Tropomi SWIR background noise (swir)

orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
median : 0.98285
spread : 0.17349
created : 2023-08-21T15:58:45



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

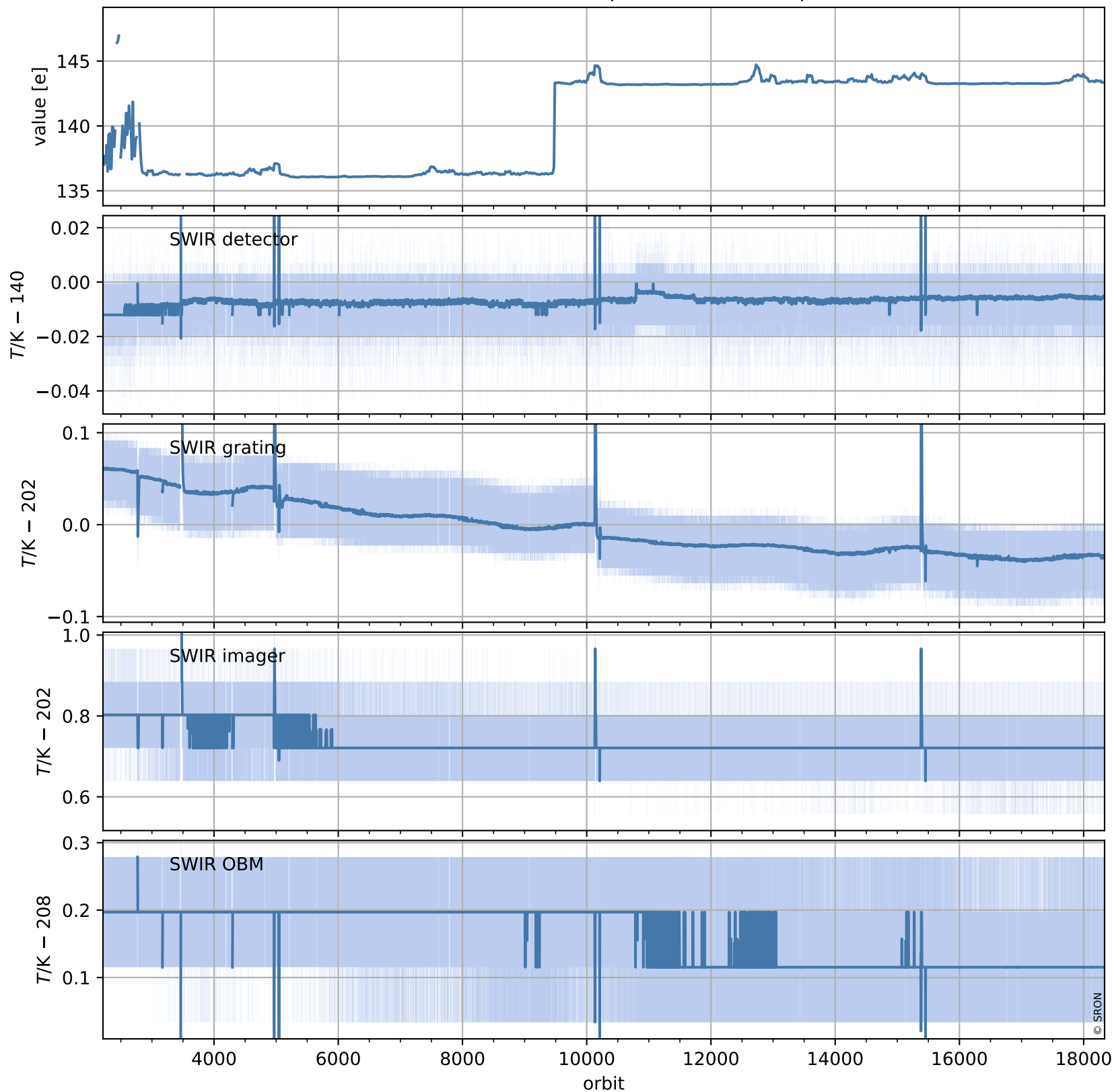
orbits : 13 in [18247, 18337]
coverage : 2021-04-21 / 2021-04-27
created : 2023-08-21T15:58:46



Tropomi SWIR background noise (swir)

orbits : [2212, 18337]
coverage : 2018-03-18 / 2021-04-27
created : 2023-08-21T15:58:46

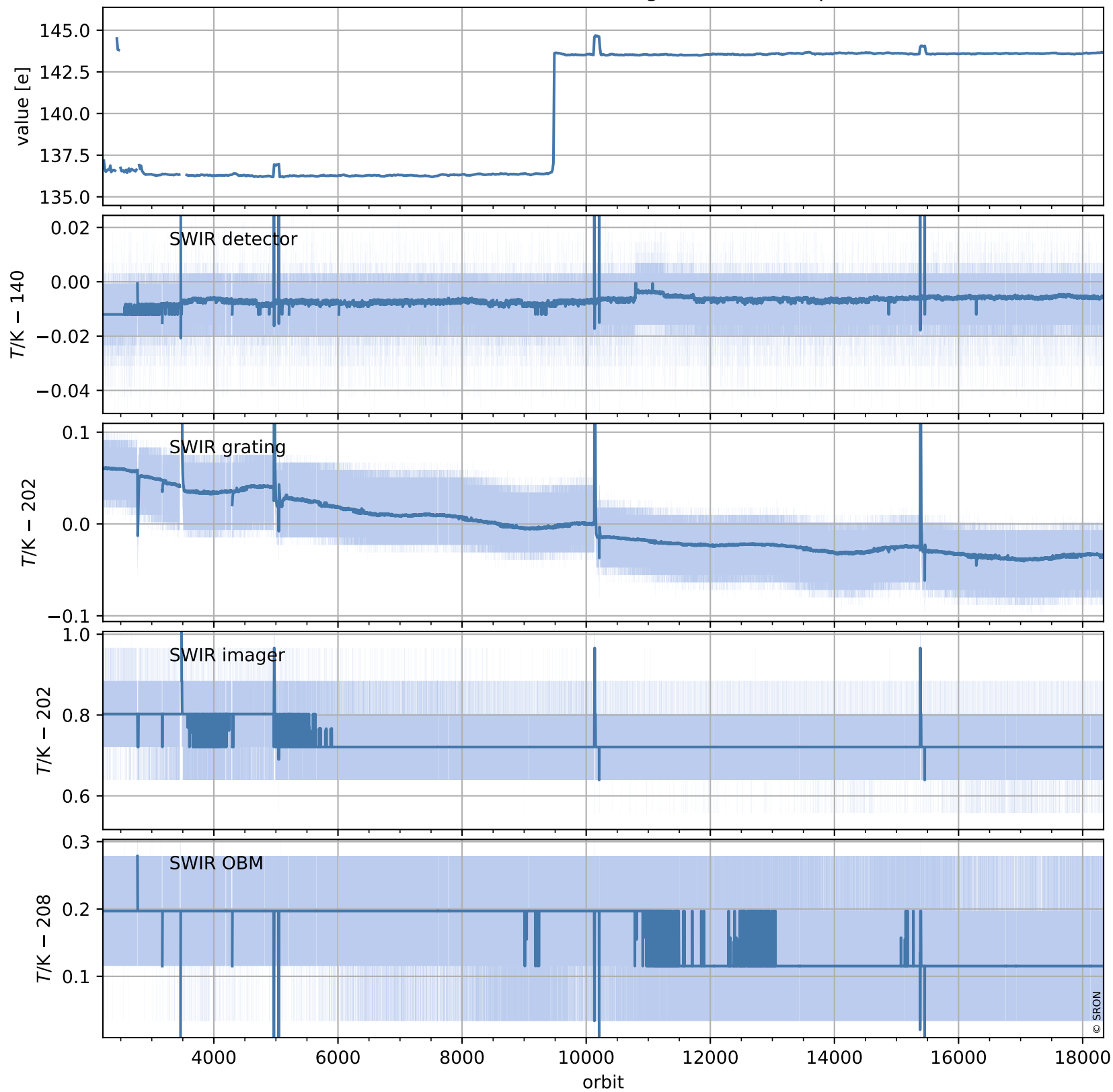
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18337]
coverage : 2018-03-18 / 2021-04-27
created : 2023-08-21T15:58:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18337]
coverage : 2018-03-18 / 2021-04-27
created : 2023-08-21T15:58:48

trend of normalized read-noise & temperatures

