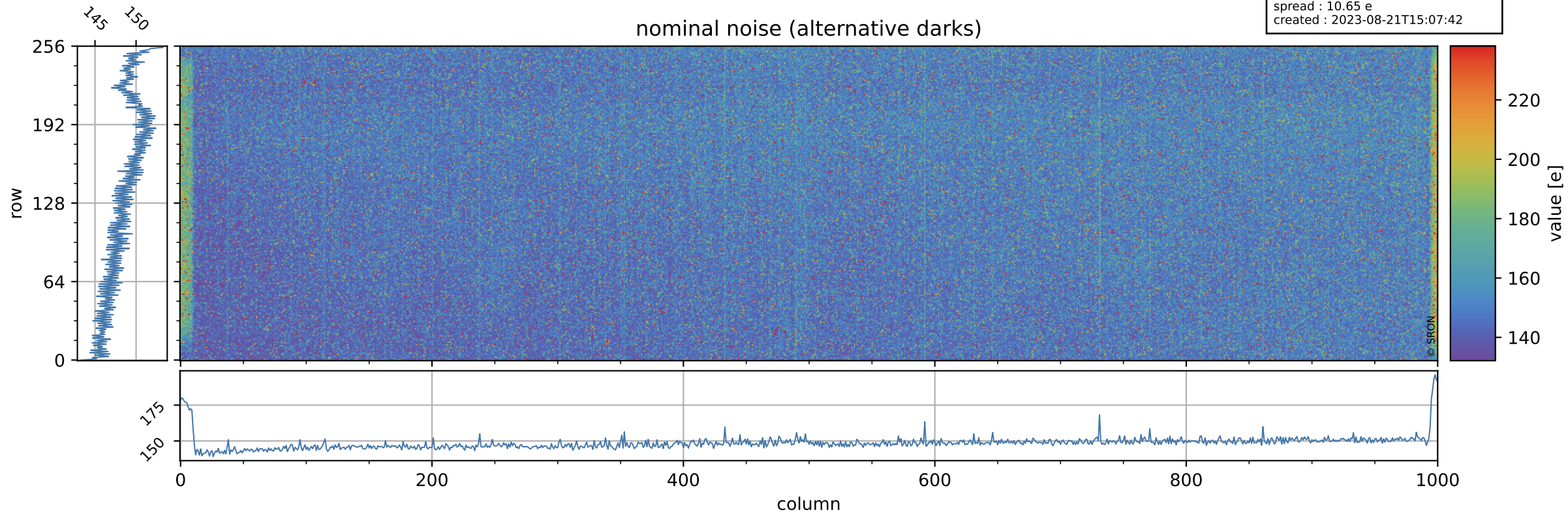


Tropomi SWIR background noise (swir)

orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.65 e
created : 2023-08-21T15:07:42

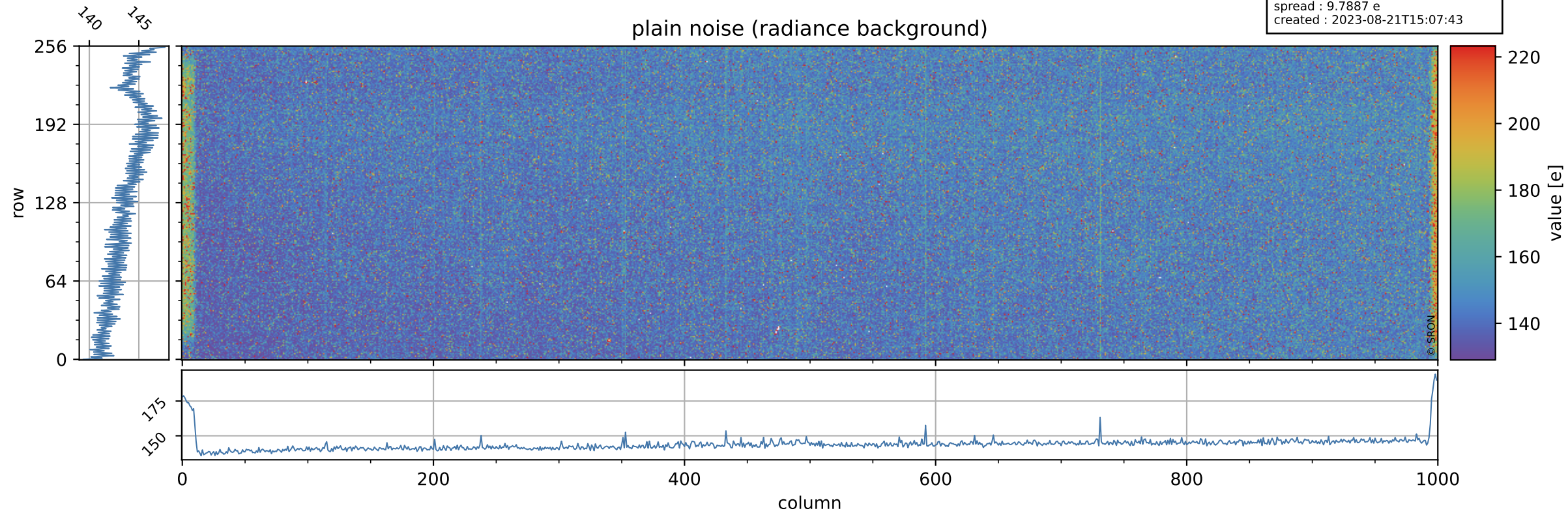
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 9.7887 e
created : 2023-08-21T15:07:43

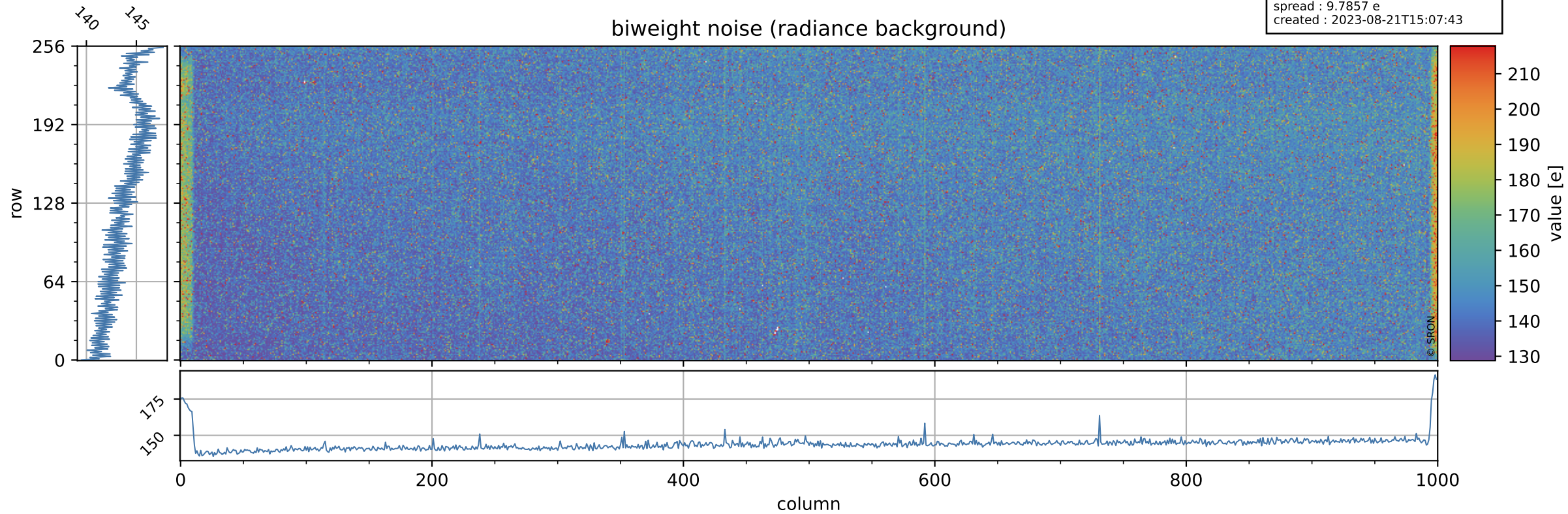
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7857 e
created : 2023-08-21T15:07:43

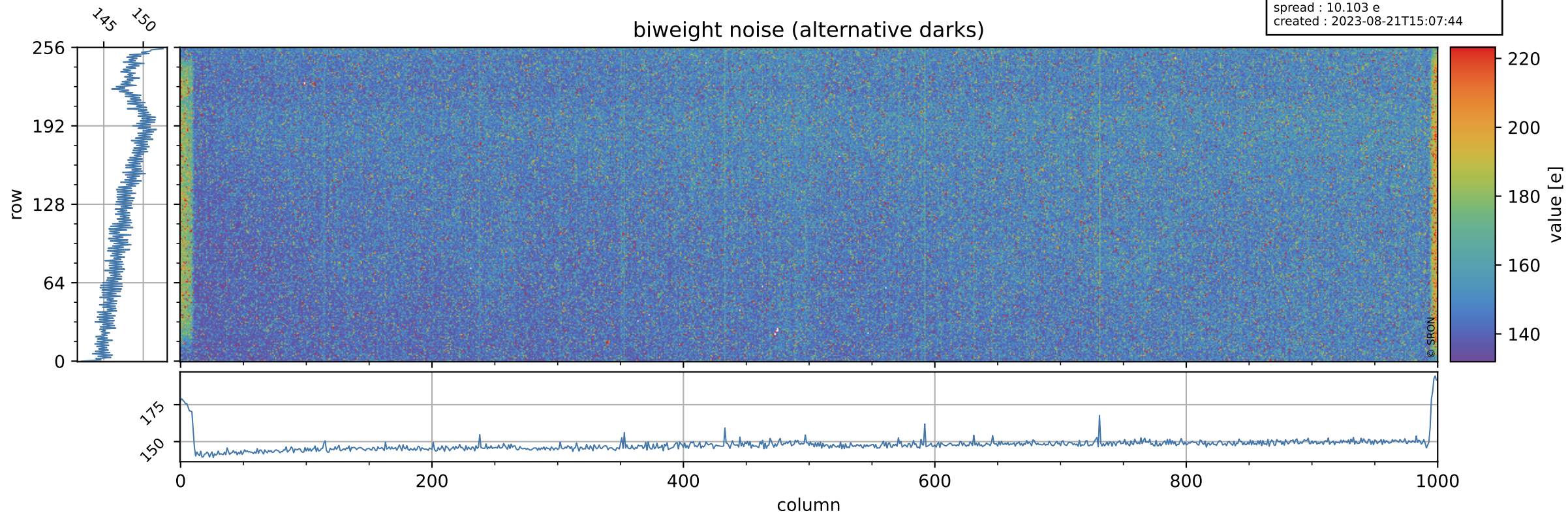
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.103 e
created : 2023-08-21T15:07:44

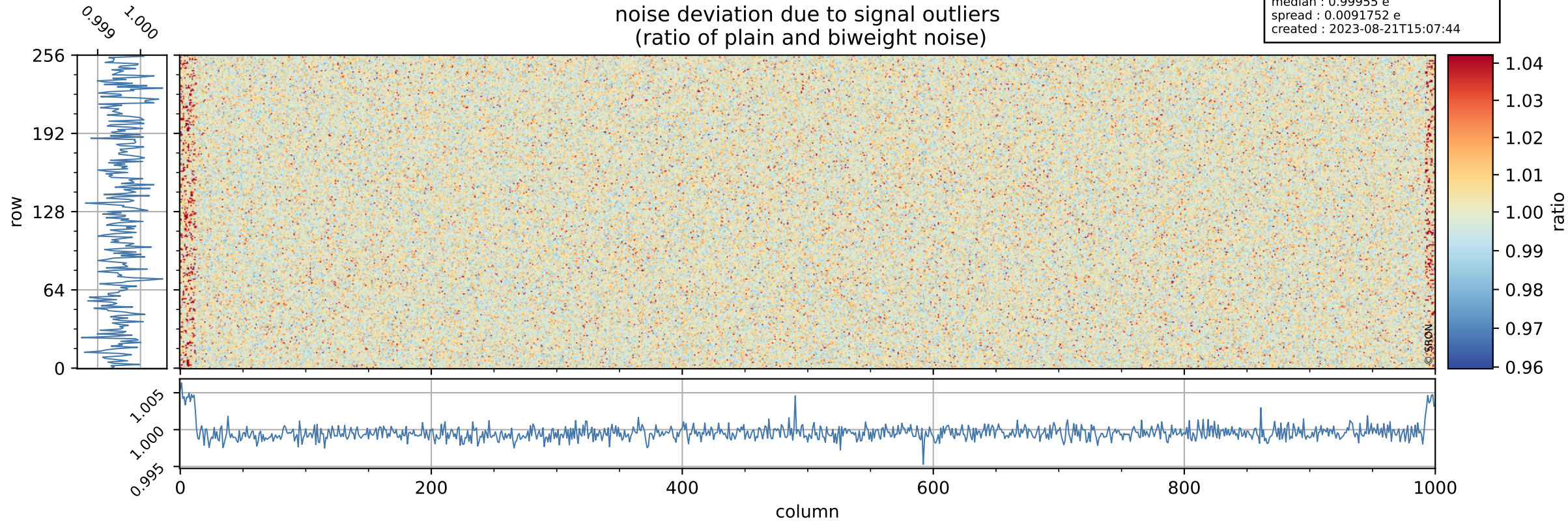
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

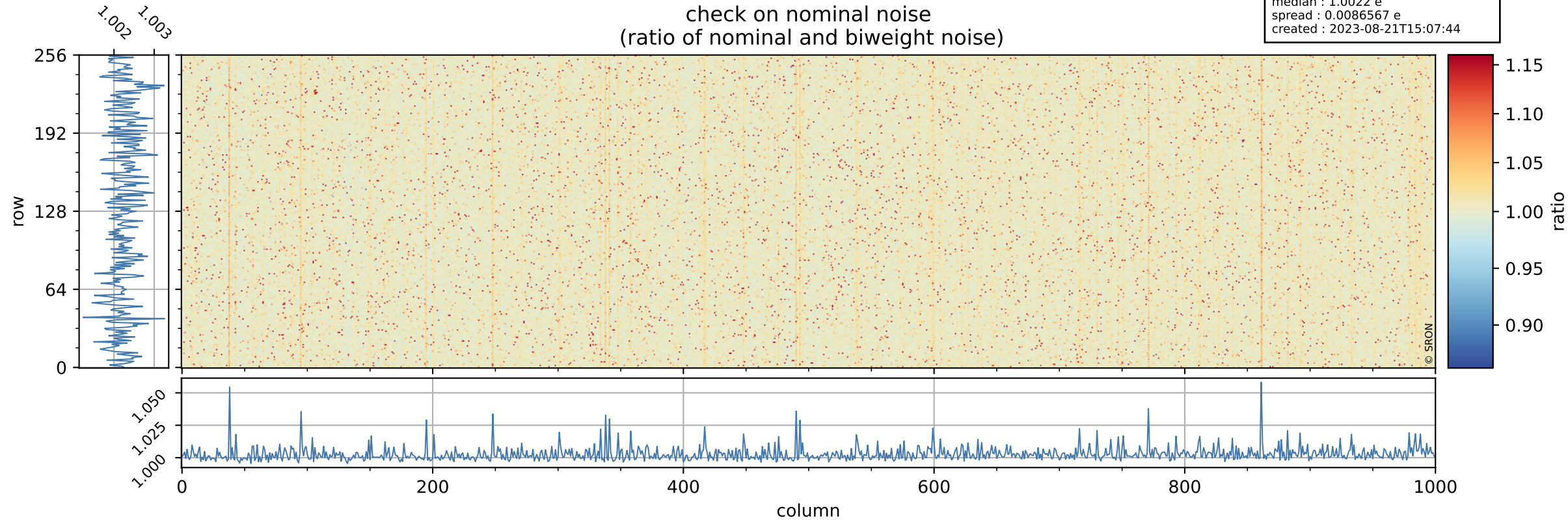
orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
median : 0.99955 e
spread : 0.0091752 e
created : 2023-08-21T15:07:44



Tropomi SWIR background noise (swir)

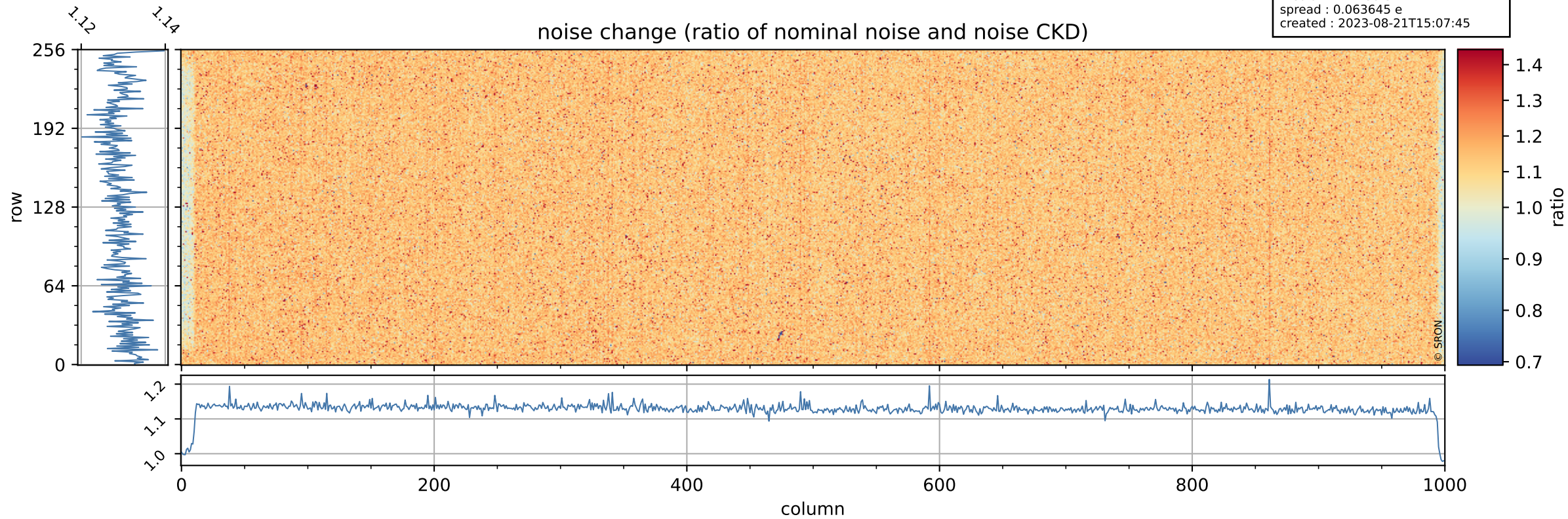
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
median : 1.0022 e
spread : 0.0086567 e
created : 2023-08-21T15:07:44



Tropomi SWIR background noise (swir)

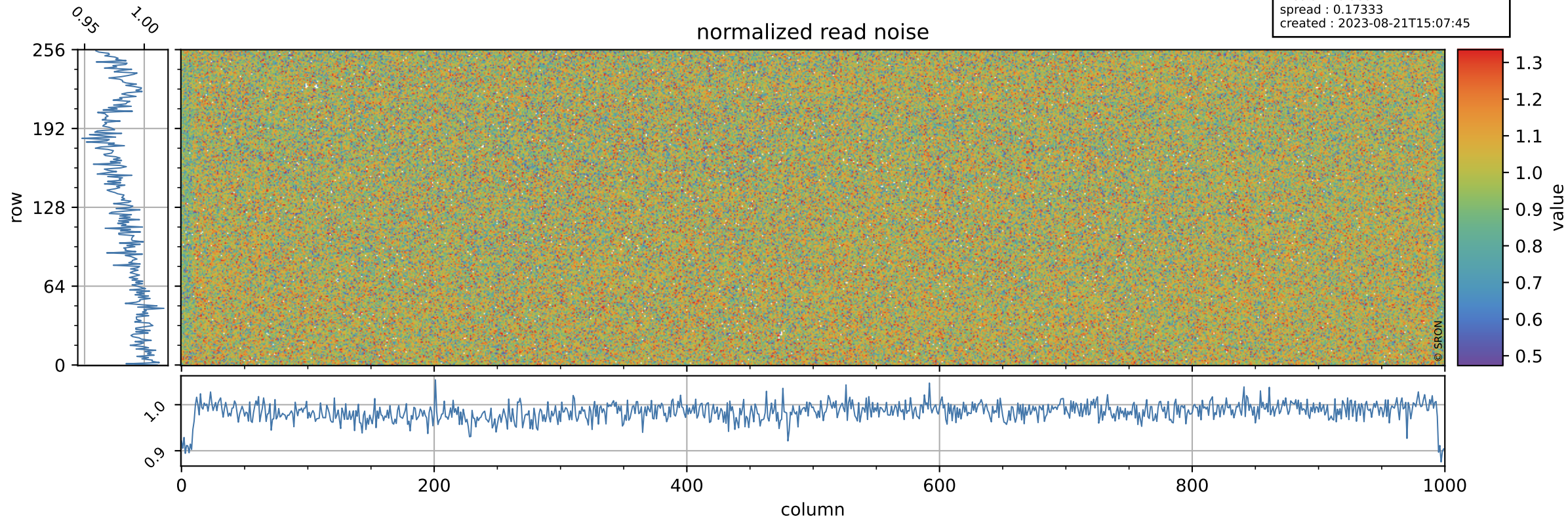
orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
median : 1.1286 e
spread : 0.063645 e
created : 2023-08-21T15:07:45



Tropomi SWIR background noise (swir)

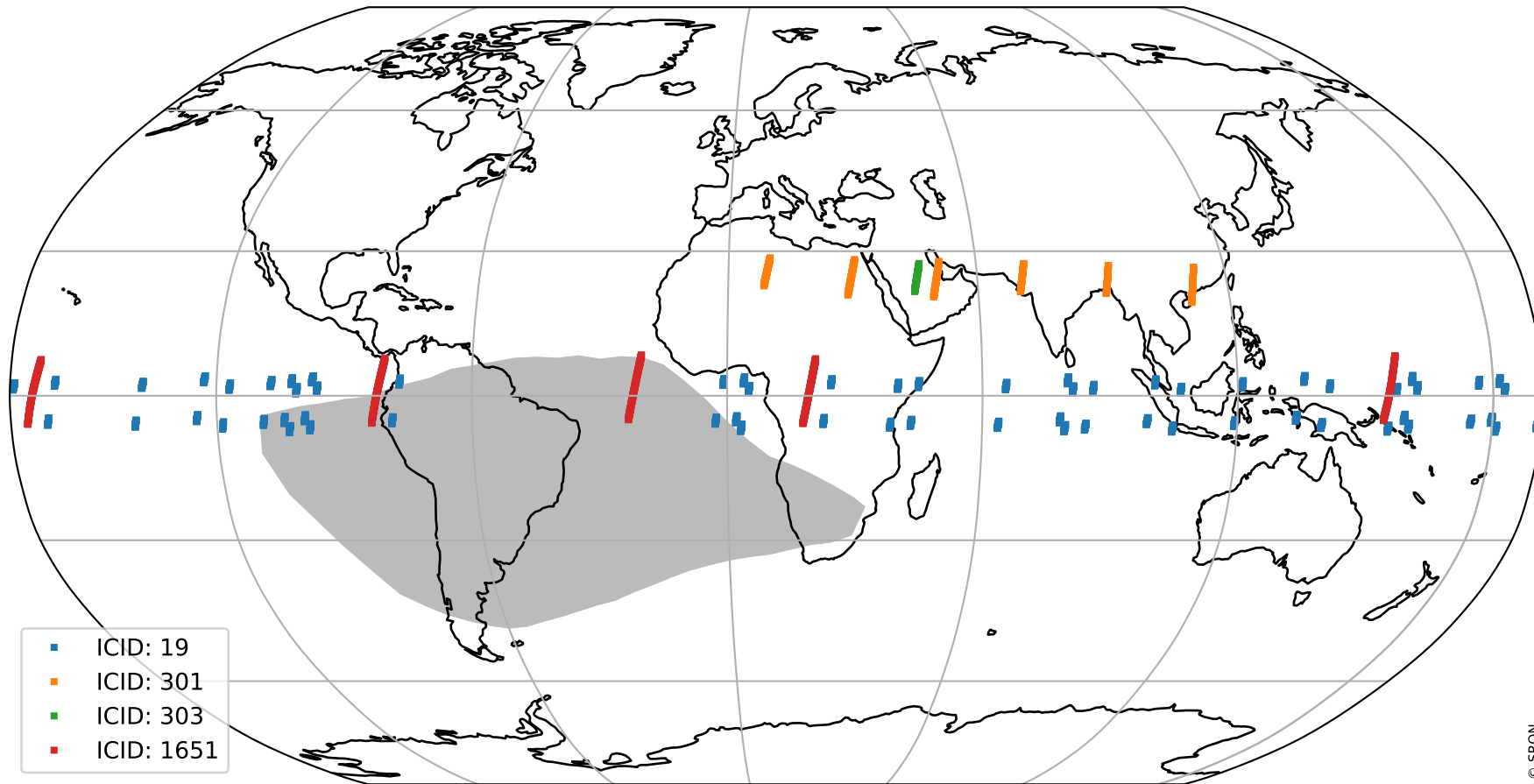
orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
median : 0.98314
spread : 0.17333
created : 2023-08-21T15:07:45

normalized read noise



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

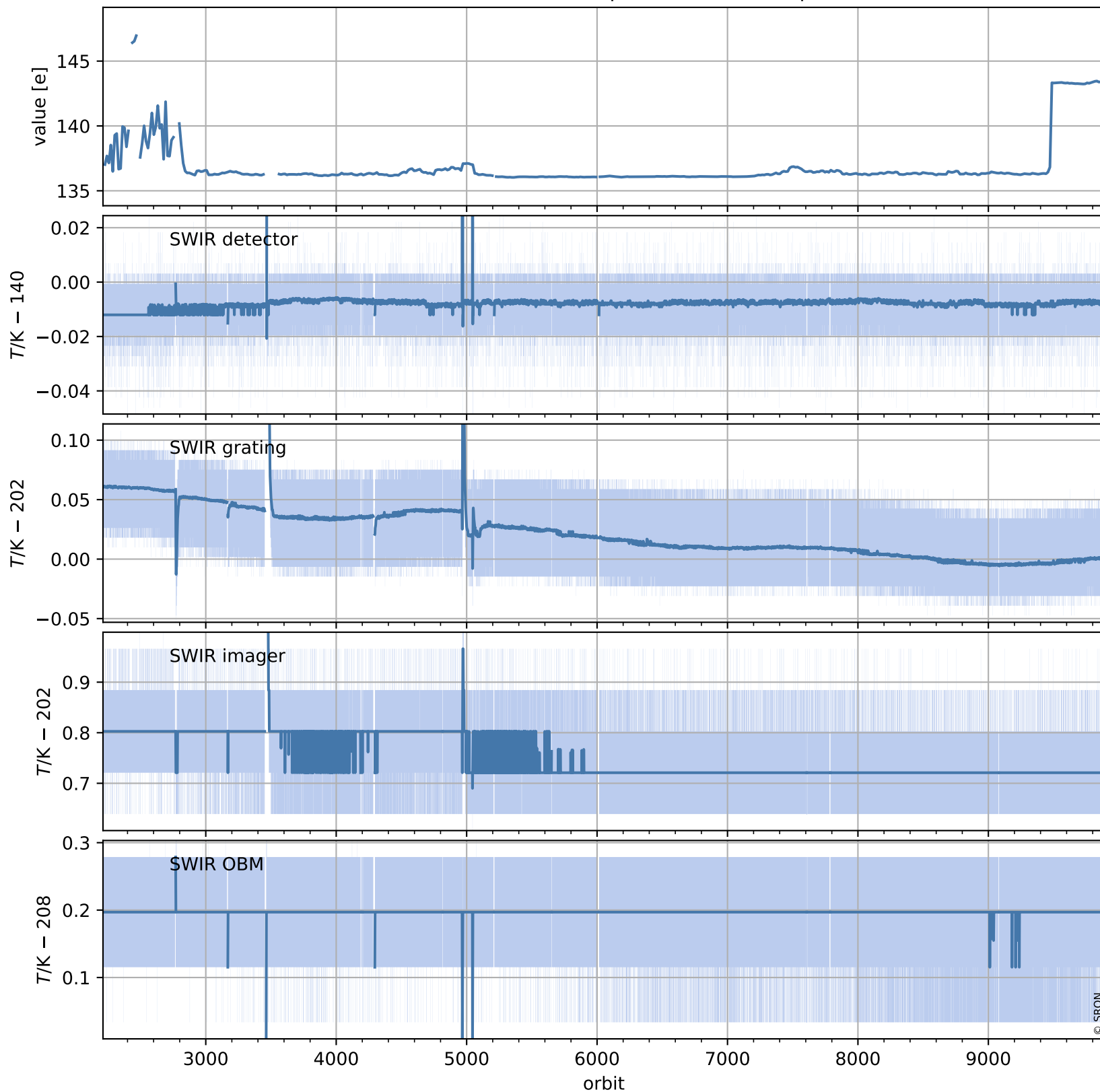
orbits : 12 in [9802, 9892]
coverage : 2019-09-04 / 2019-09-10
created : 2023-08-21T15:07:46



Tropomi SWIR background noise (swir)

orbits : [2212, 9892]
coverage : 2018-03-18 / 2019-09-10
created : 2023-08-21T15:07:46

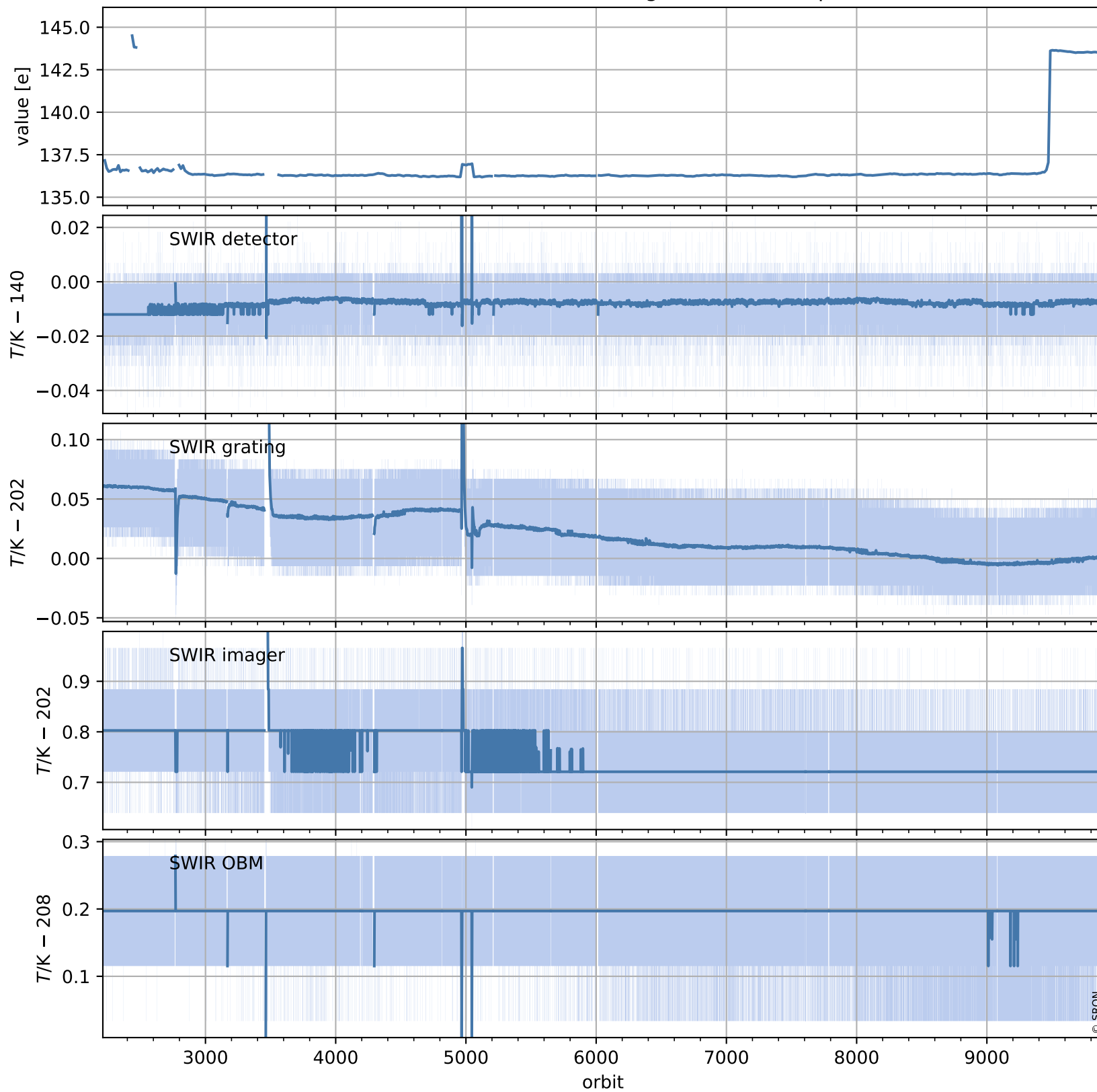
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9892]
coverage : 2018-03-18 / 2019-09-10
created : 2023-08-21T15:07:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9892]
coverage : 2018-03-18 / 2019-09-10
created : 2023-08-21T15:07:48

trend of normalized read-noise & temperatures

