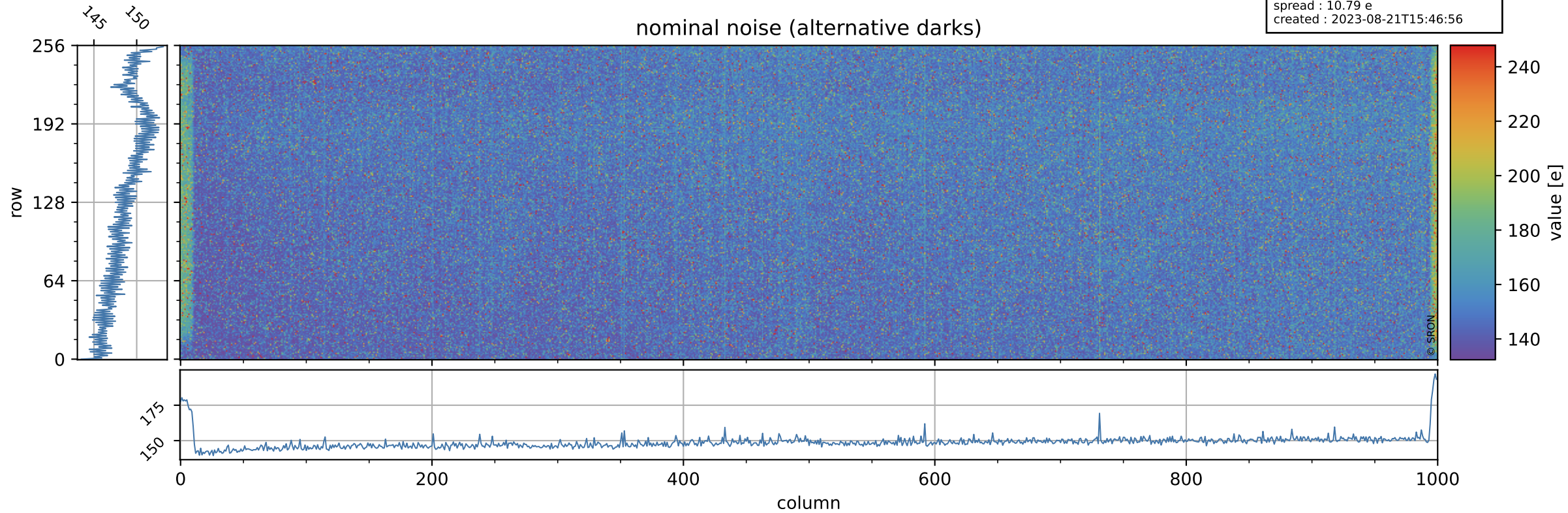


Tropomi SWIR background noise (swir)

orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
n_coad, t_exp : 1, 1.0783
median : 148.6 e
spread : 10.79 e
created : 2023-08-21T15:46:56

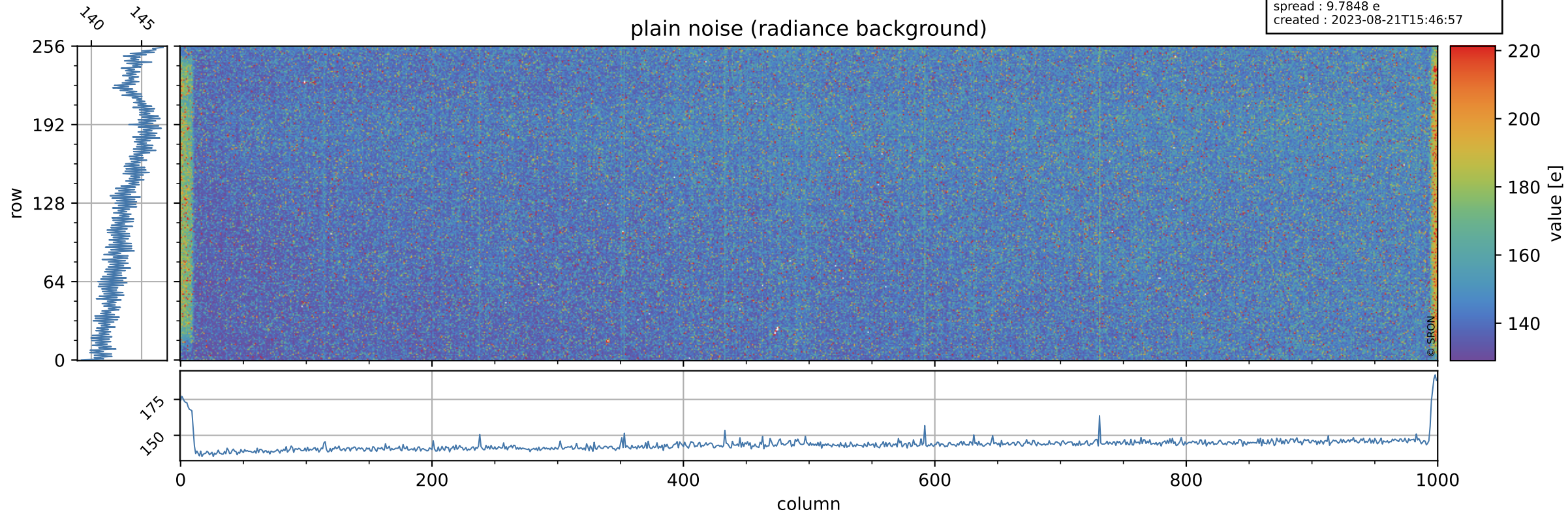
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7848 e
created : 2023-08-21T15:46:57

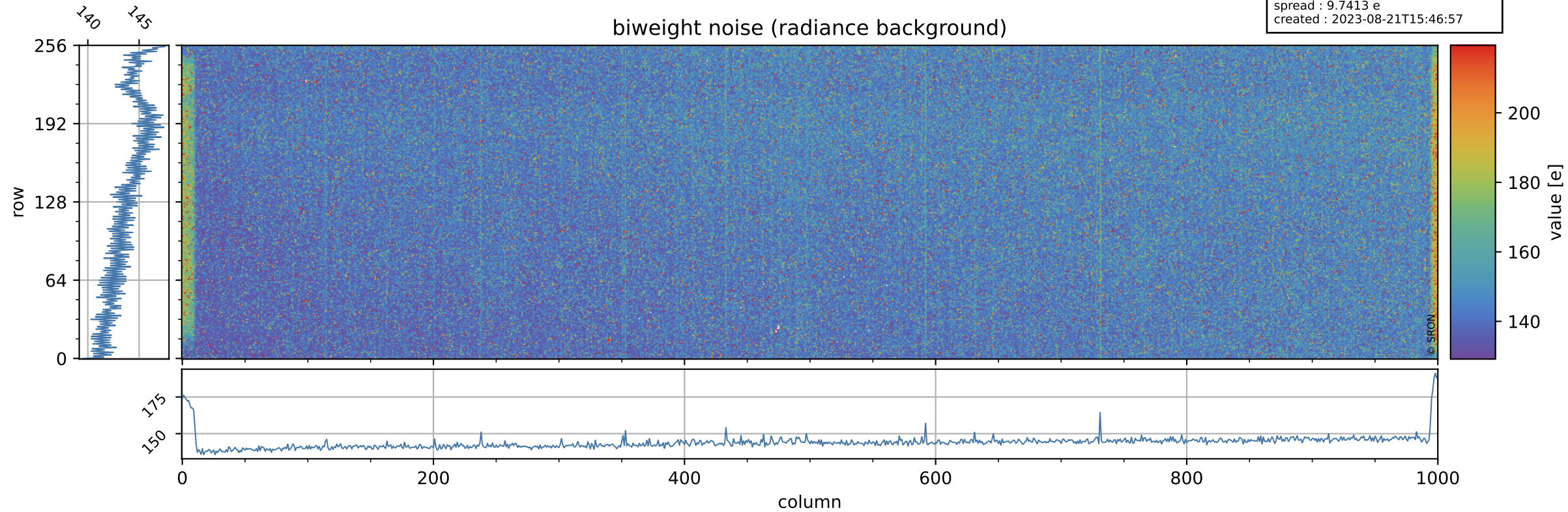
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7413 e
created : 2023-08-21T15:46:57

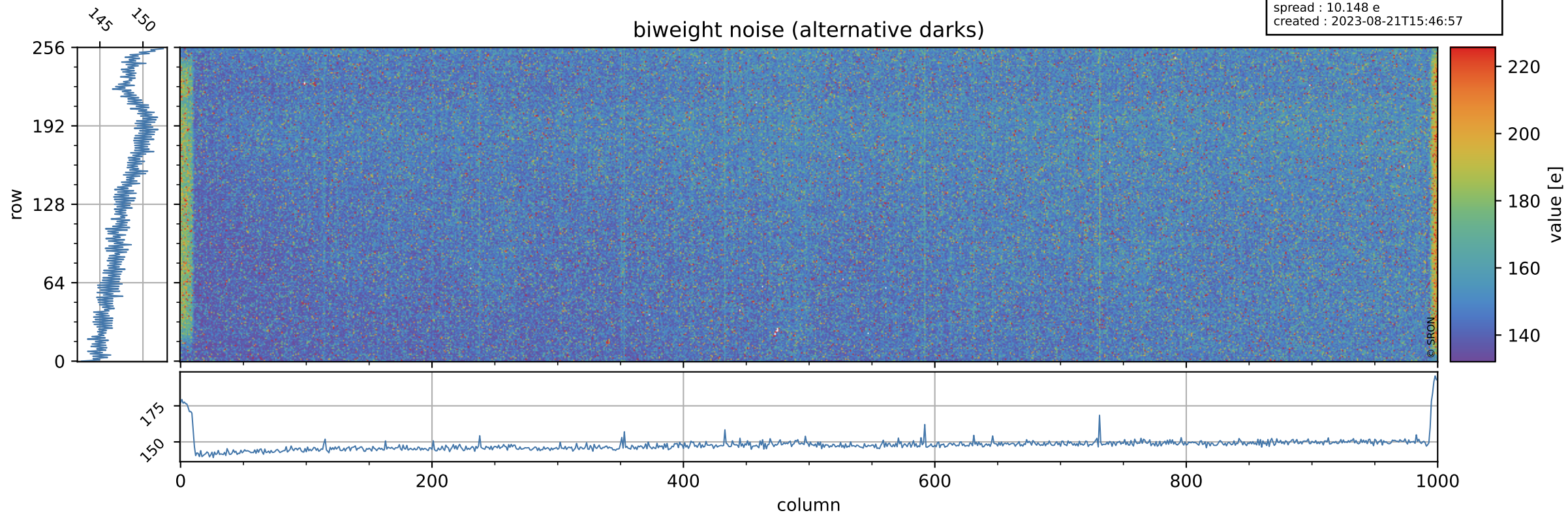
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.148 e
created : 2023-08-21T15:46:57

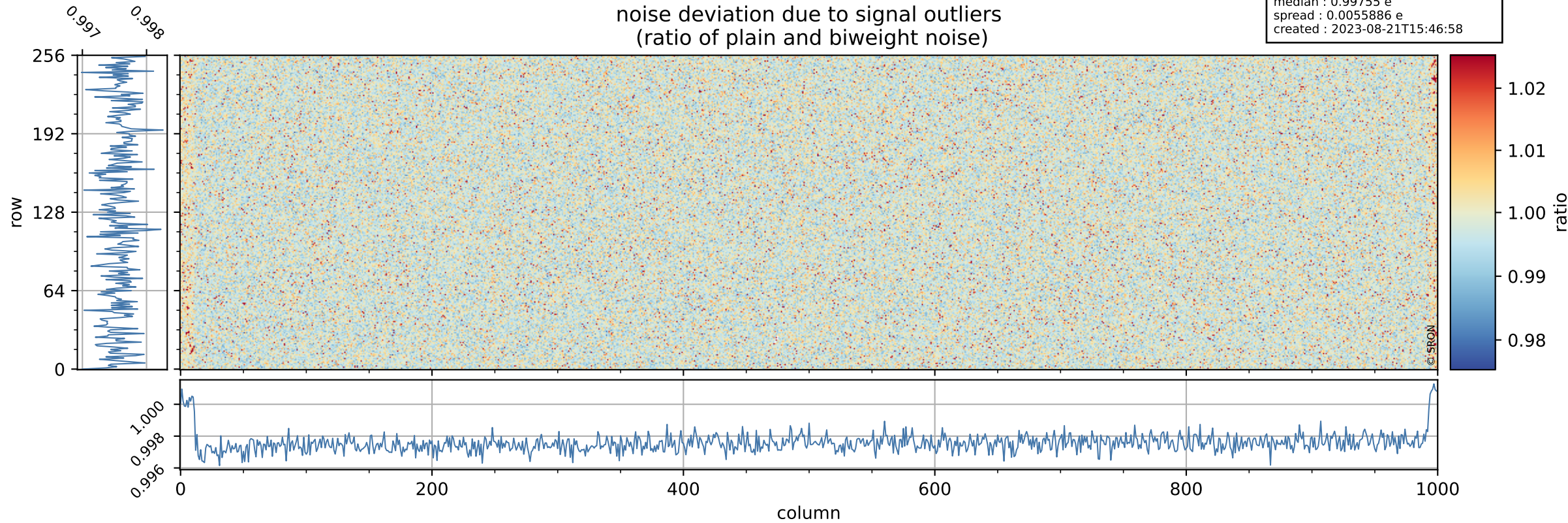
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

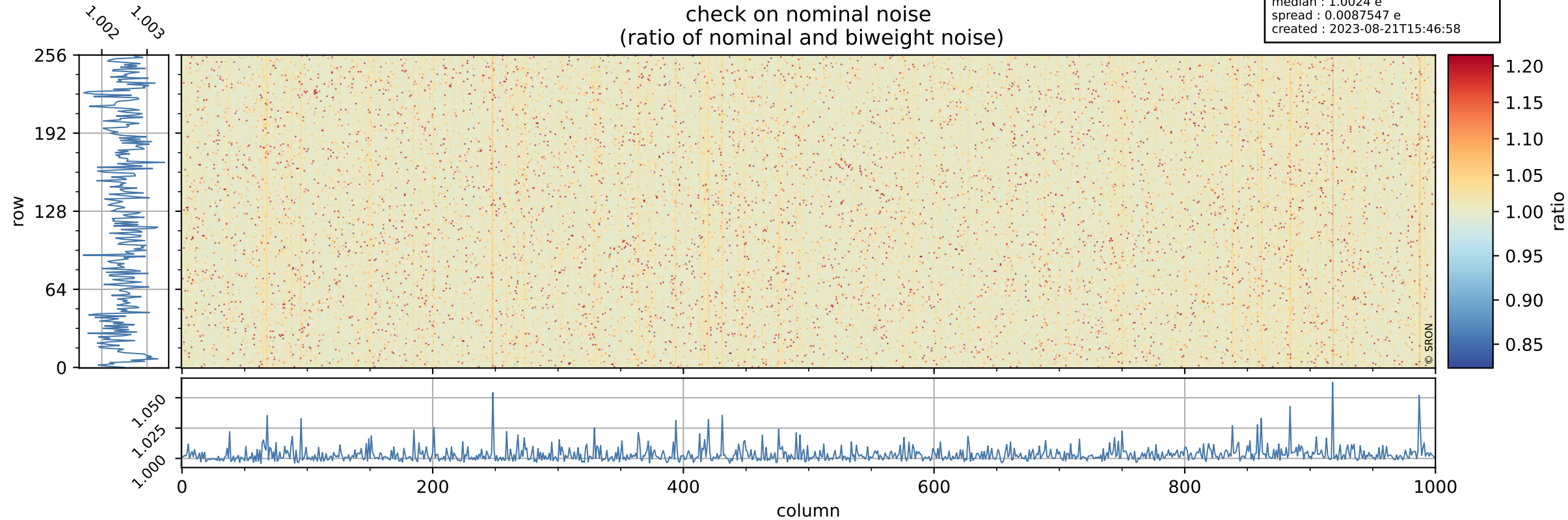
orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
median : 0.99755 e
spread : 0.0055886 e
created : 2023-08-21T15:46:58



Tropomi SWIR background noise (swir)

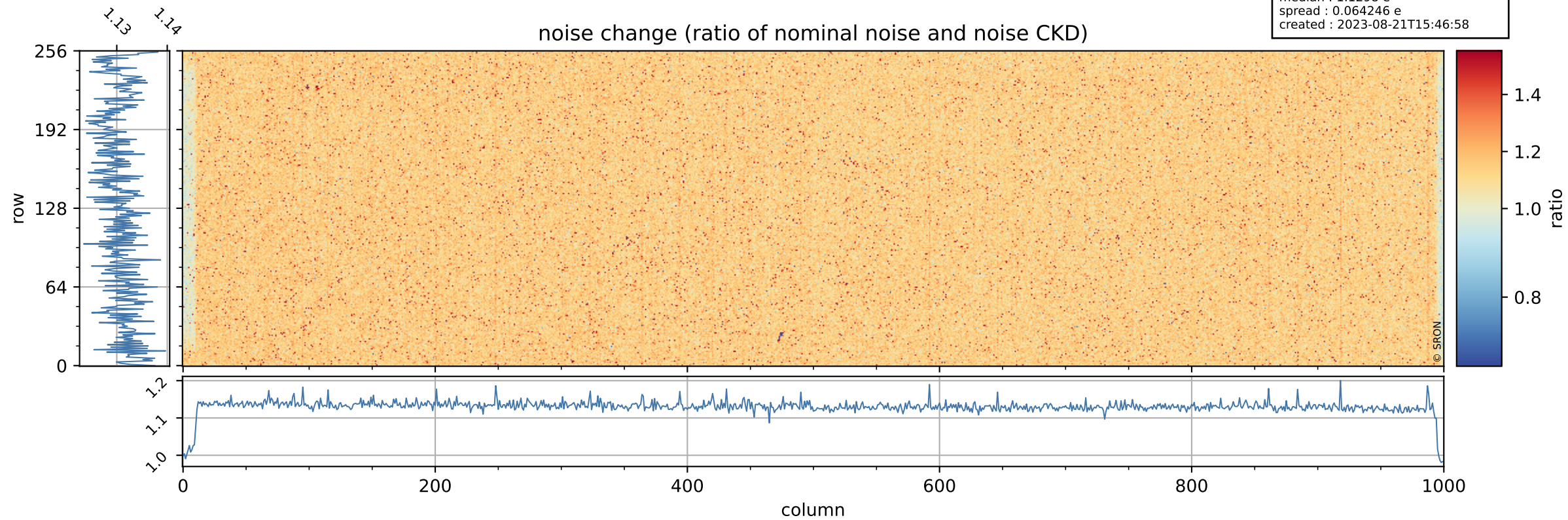
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
median : 1.0024 e
spread : 0.0087547 e
created : 2023-08-21T15:46:58



Tropomi SWIR background noise (swir)

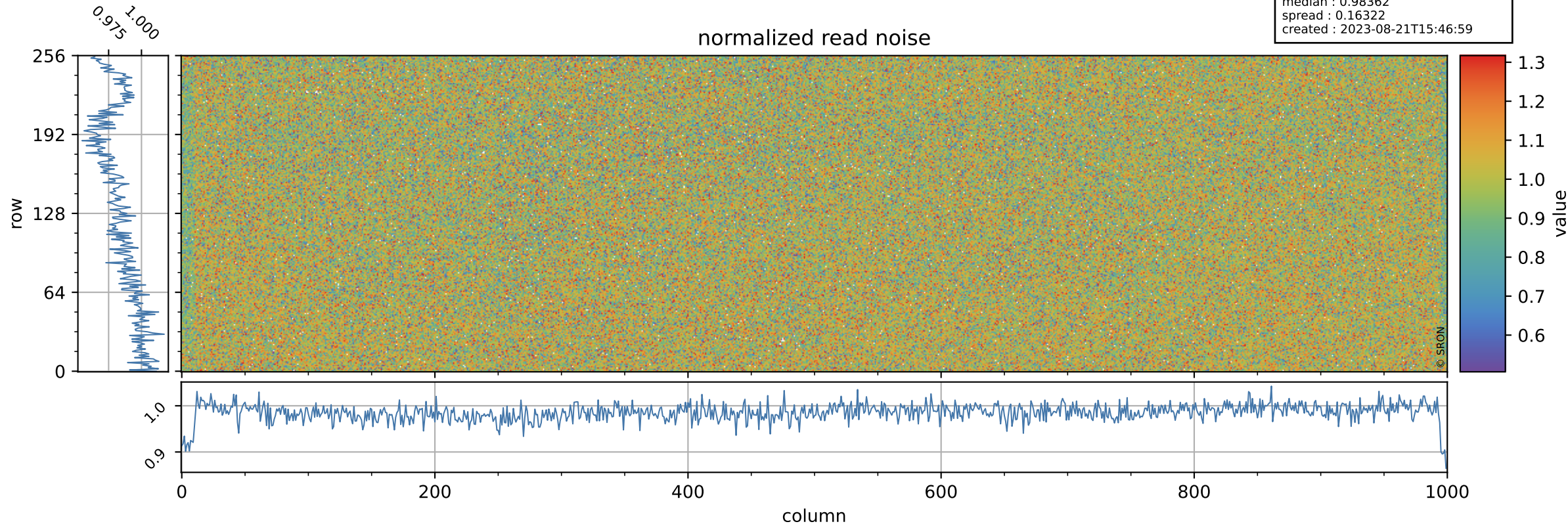
orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
median : 1.1298 e
spread : 0.064246 e
created : 2023-08-21T15:46:58



Tropomi SWIR background noise (swir)

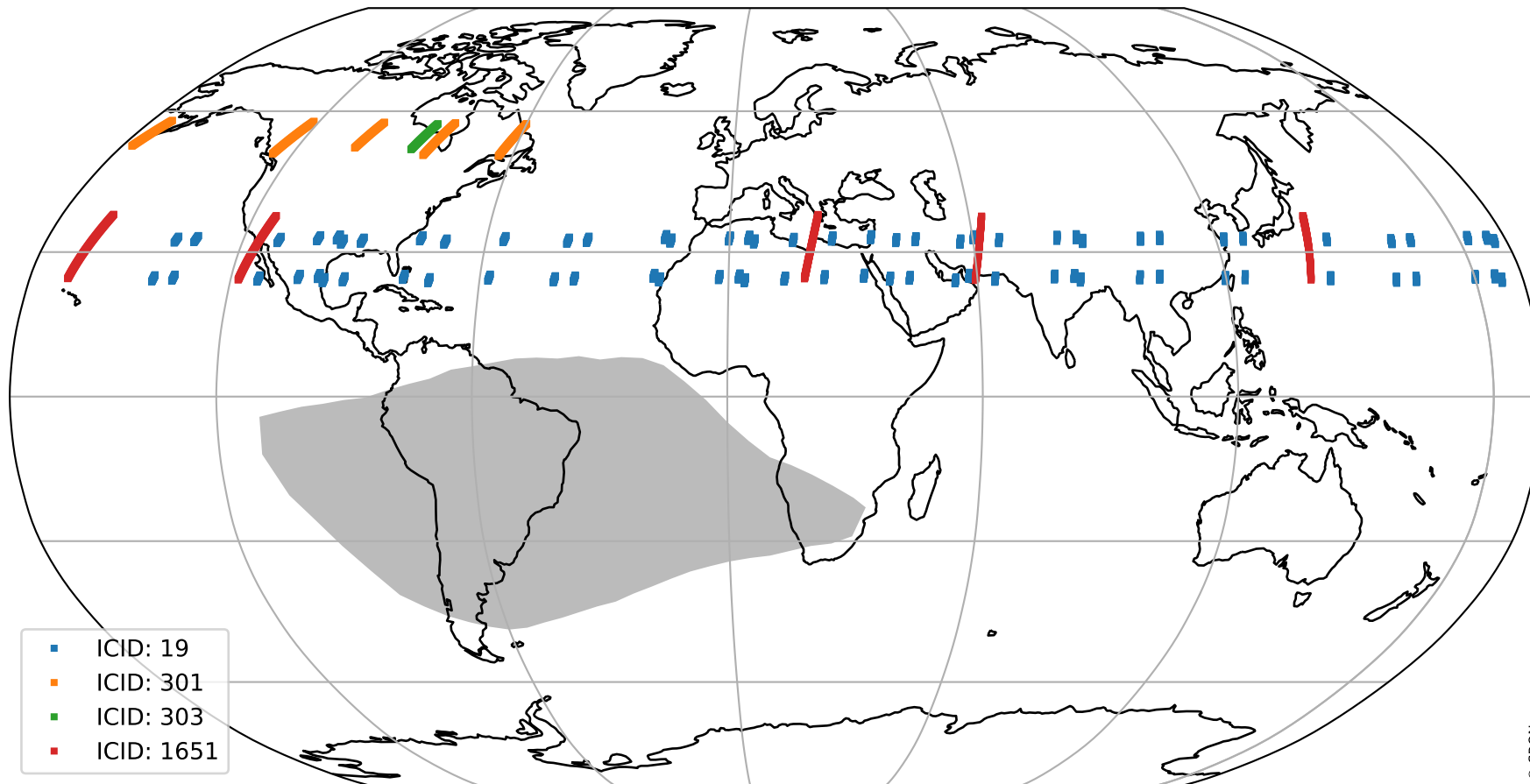
orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
median : 0.98362
spread : 0.16322
created : 2023-08-21T15:46:59

normalized read noise



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

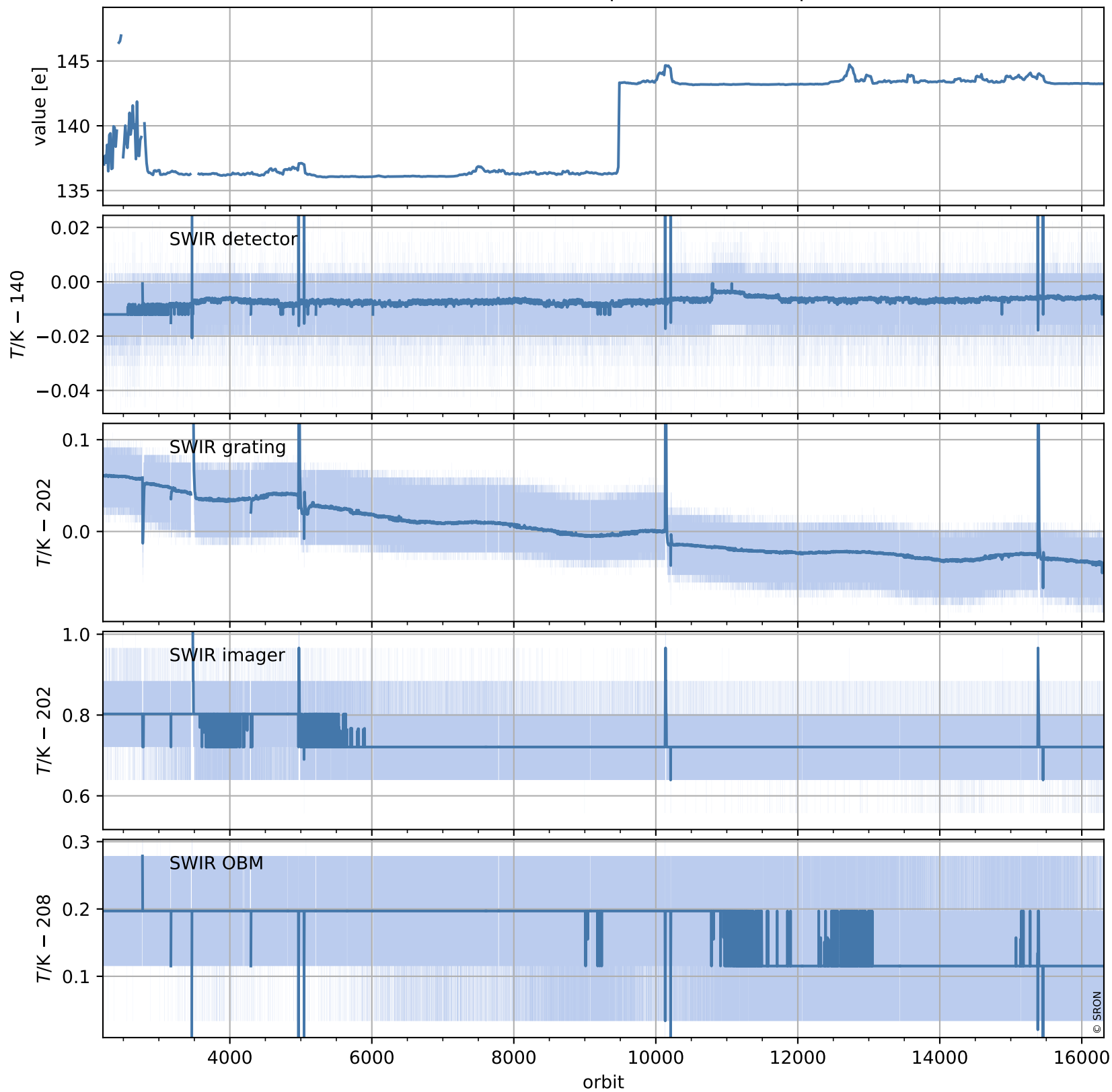
orbits : 11 in [16237, 16312]
coverage : 2020-11-30 / 2020-12-05
created : 2023-08-21T15:46:59



Tropomi SWIR background noise (swir)

orbits : [2212, 16312]
coverage : 2018-03-18 / 2020-12-05
created : 2023-08-21T15:46:59

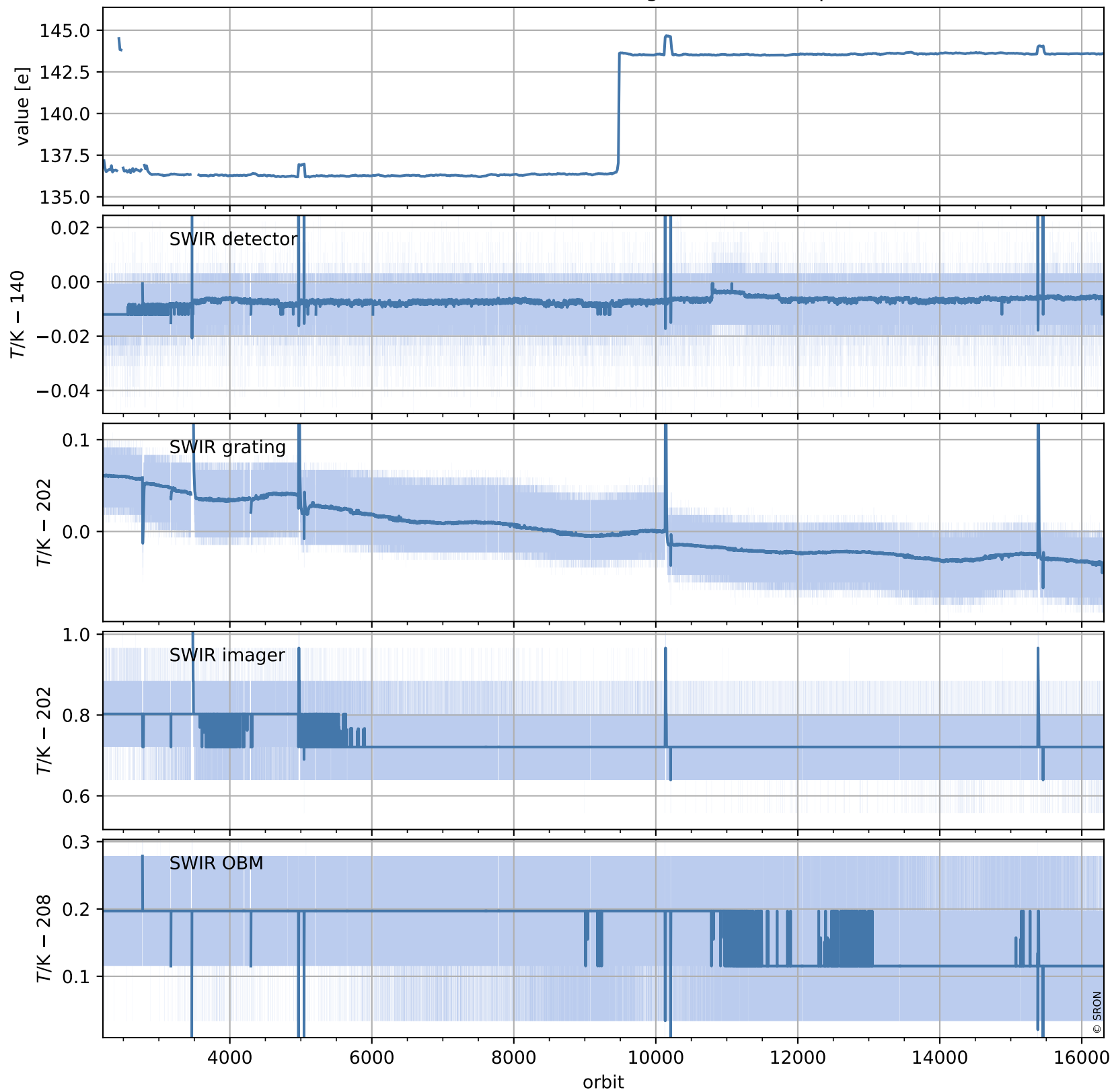
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16312]
coverage : 2018-03-18 / 2020-12-05
created : 2023-08-21T15:47:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16312]
coverage : 2018-03-18 / 2020-12-05
created : 2023-08-21T15:47:01

trend of normalized read-noise & temperatures

