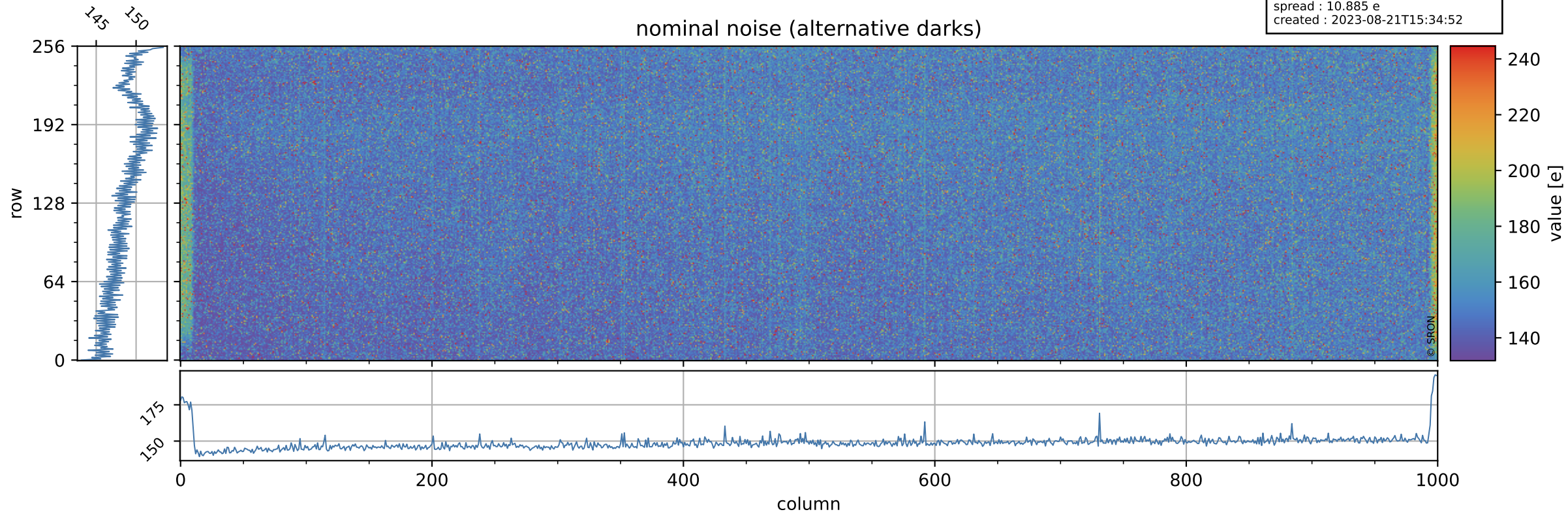


Tropomi SWIR background noise (swir)

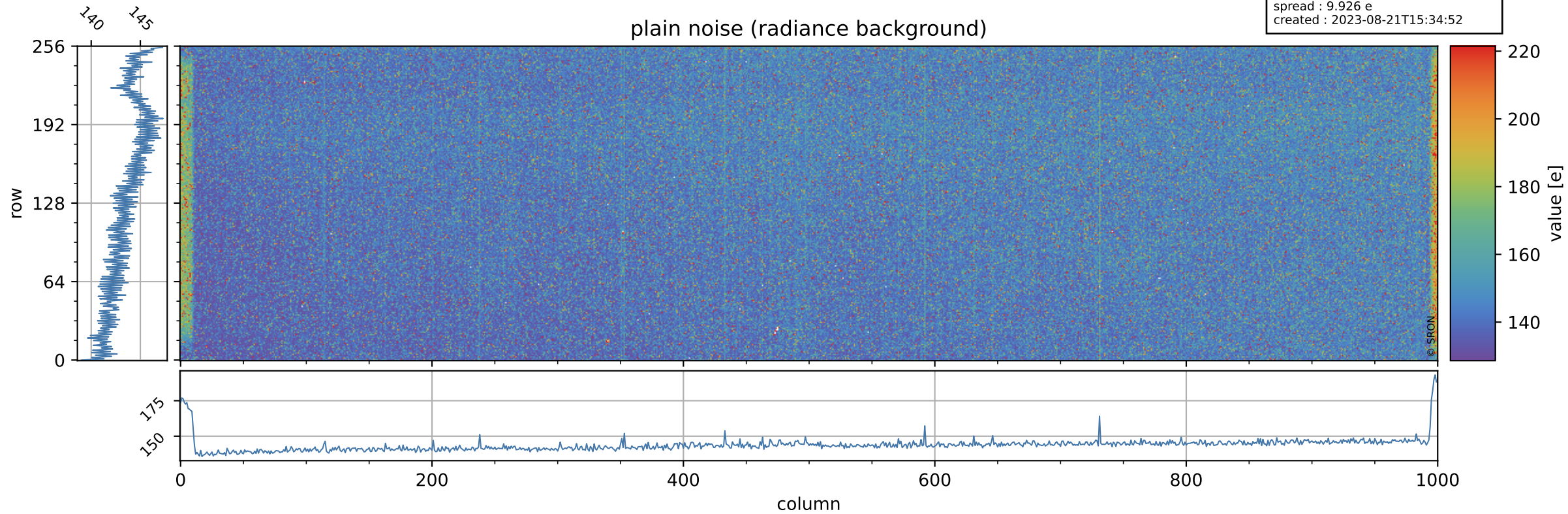
orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.885 e
created : 2023-08-21T15:34:52



Tropomi SWIR background noise (swir)

orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.926 e
created : 2023-08-21T15:34:52

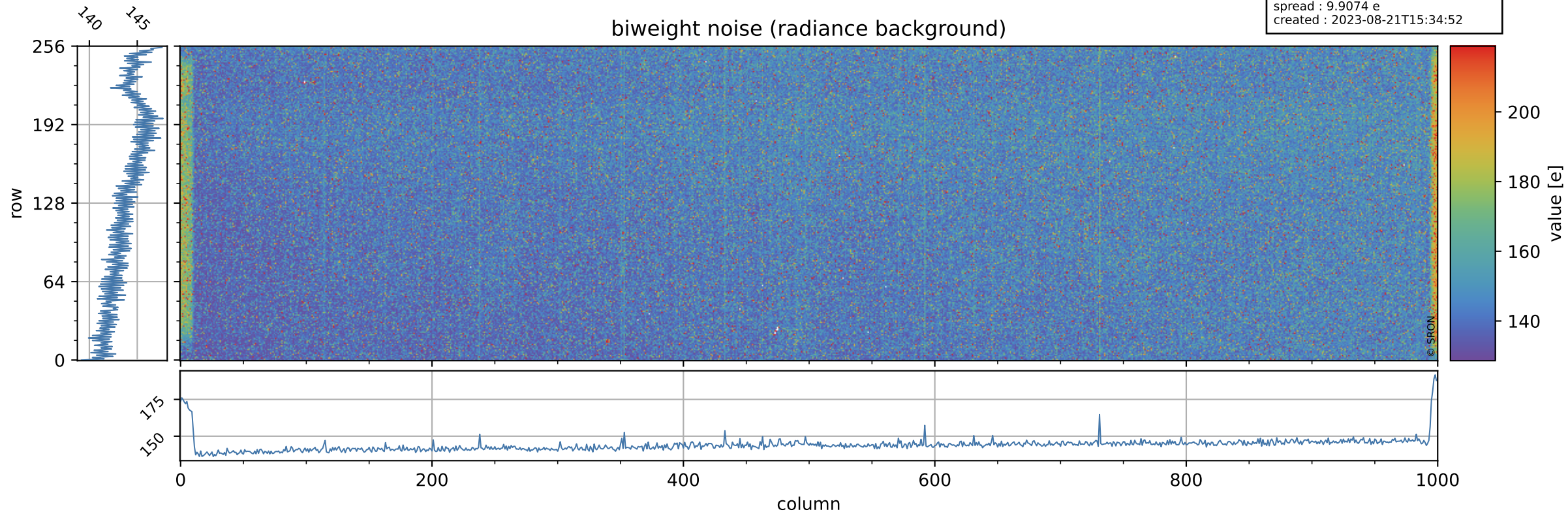
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9074 e
created : 2023-08-21T15:34:52

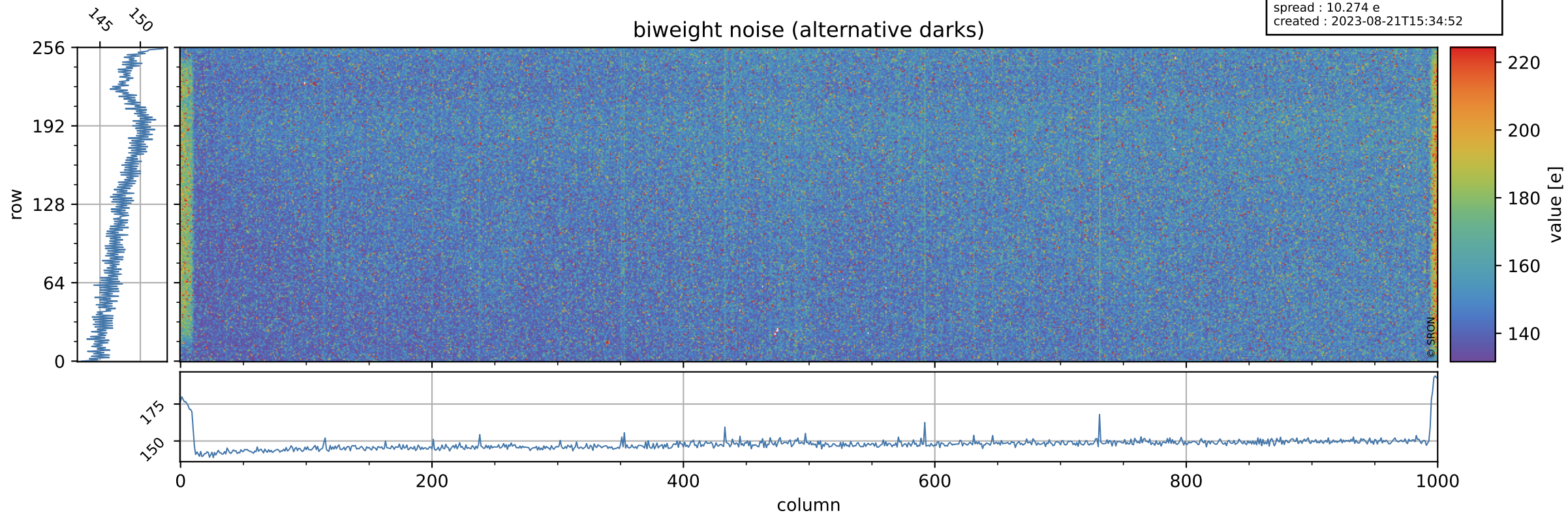
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.274 e
created : 2023-08-21T15:34:52

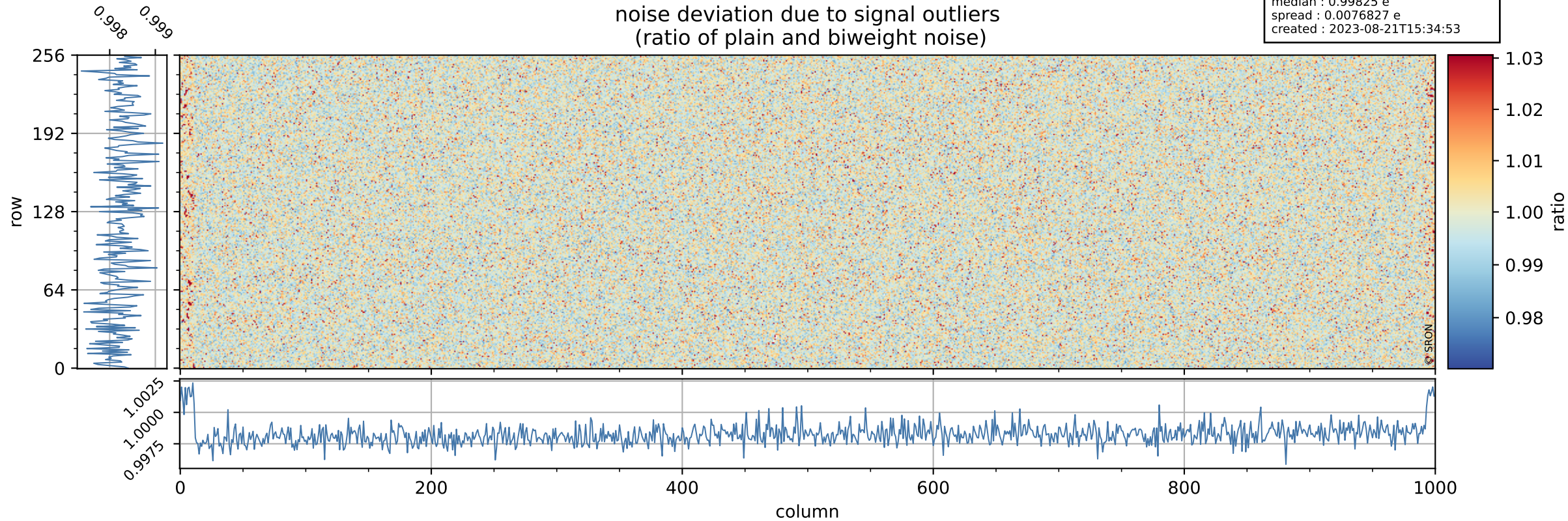
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

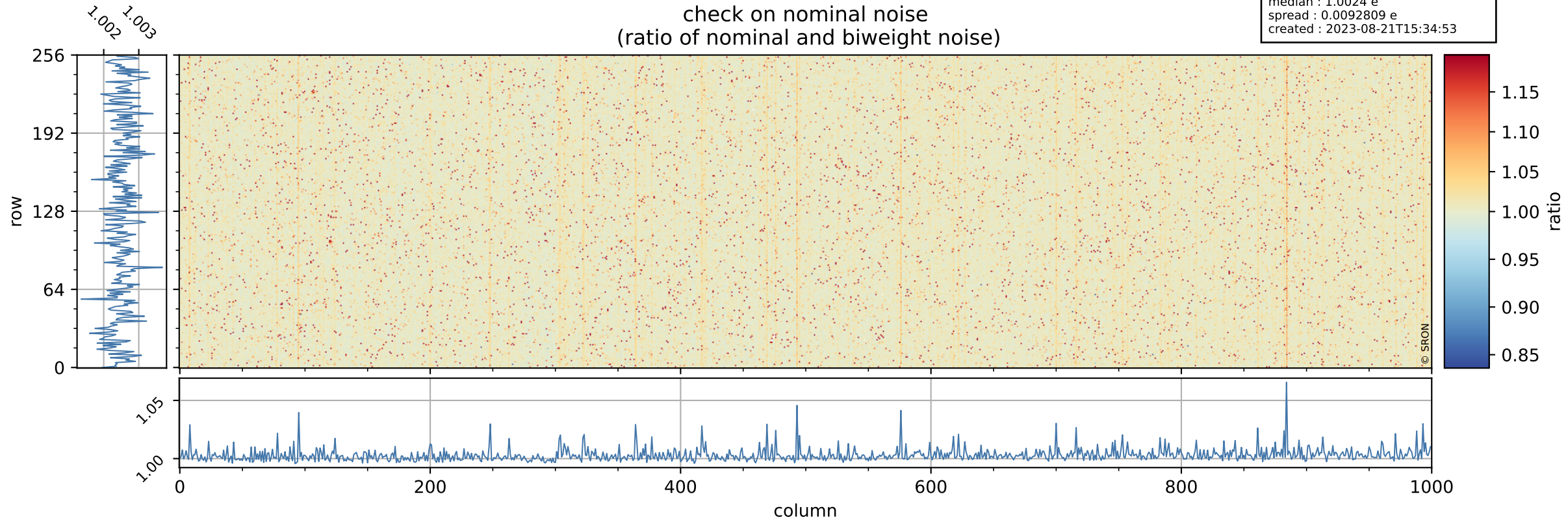
orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
median : 0.99825 e
spread : 0.0076827 e
created : 2023-08-21T15:34:53



Tropomi SWIR background noise (swir)

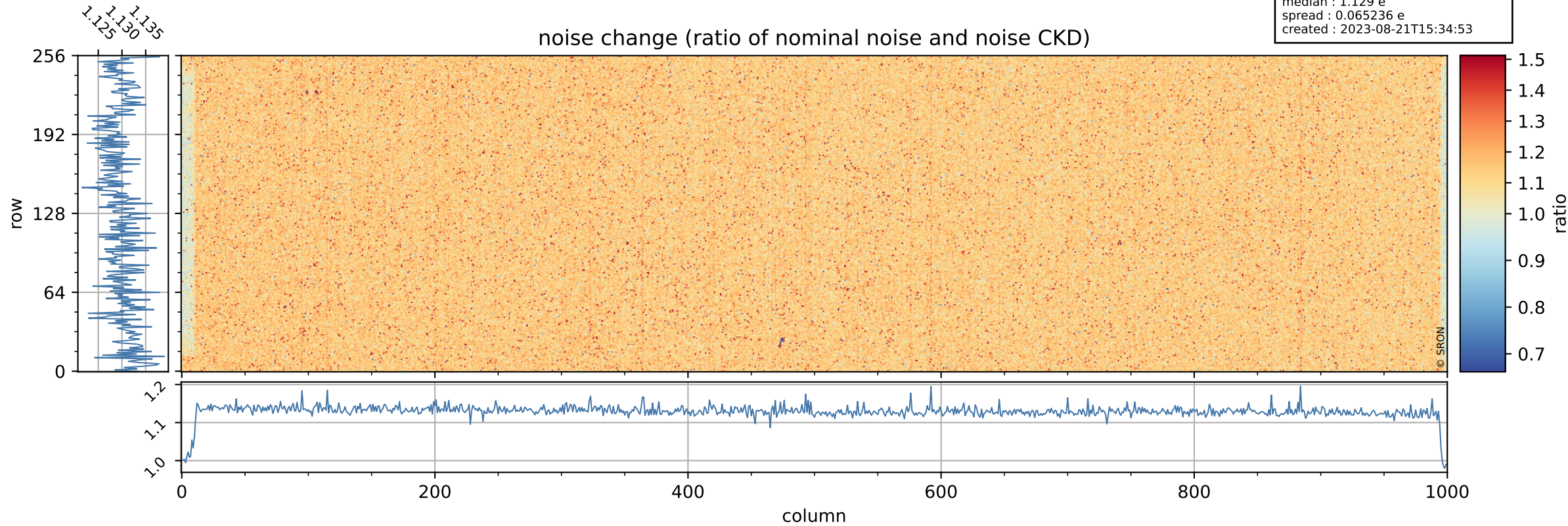
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
median : 1.0024 e
spread : 0.0092809 e
created : 2023-08-21T15:34:53



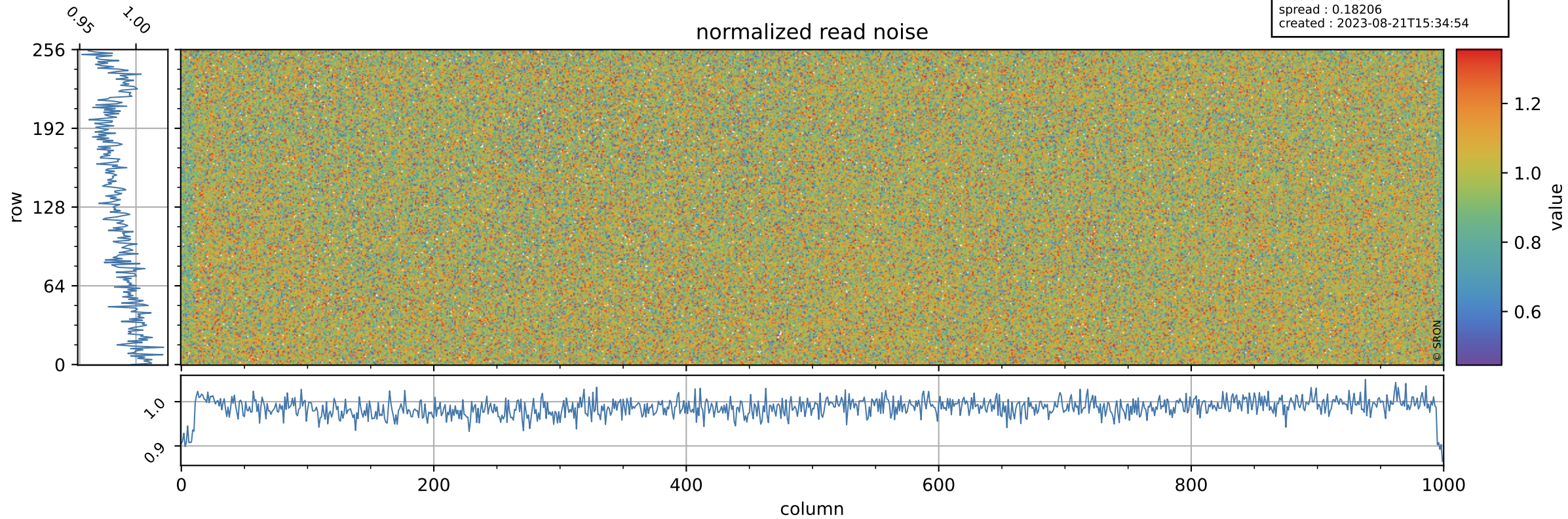
Tropomi SWIR background noise (swir)

orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
median : 1.129 e
spread : 0.065236 e
created : 2023-08-21T15:34:53



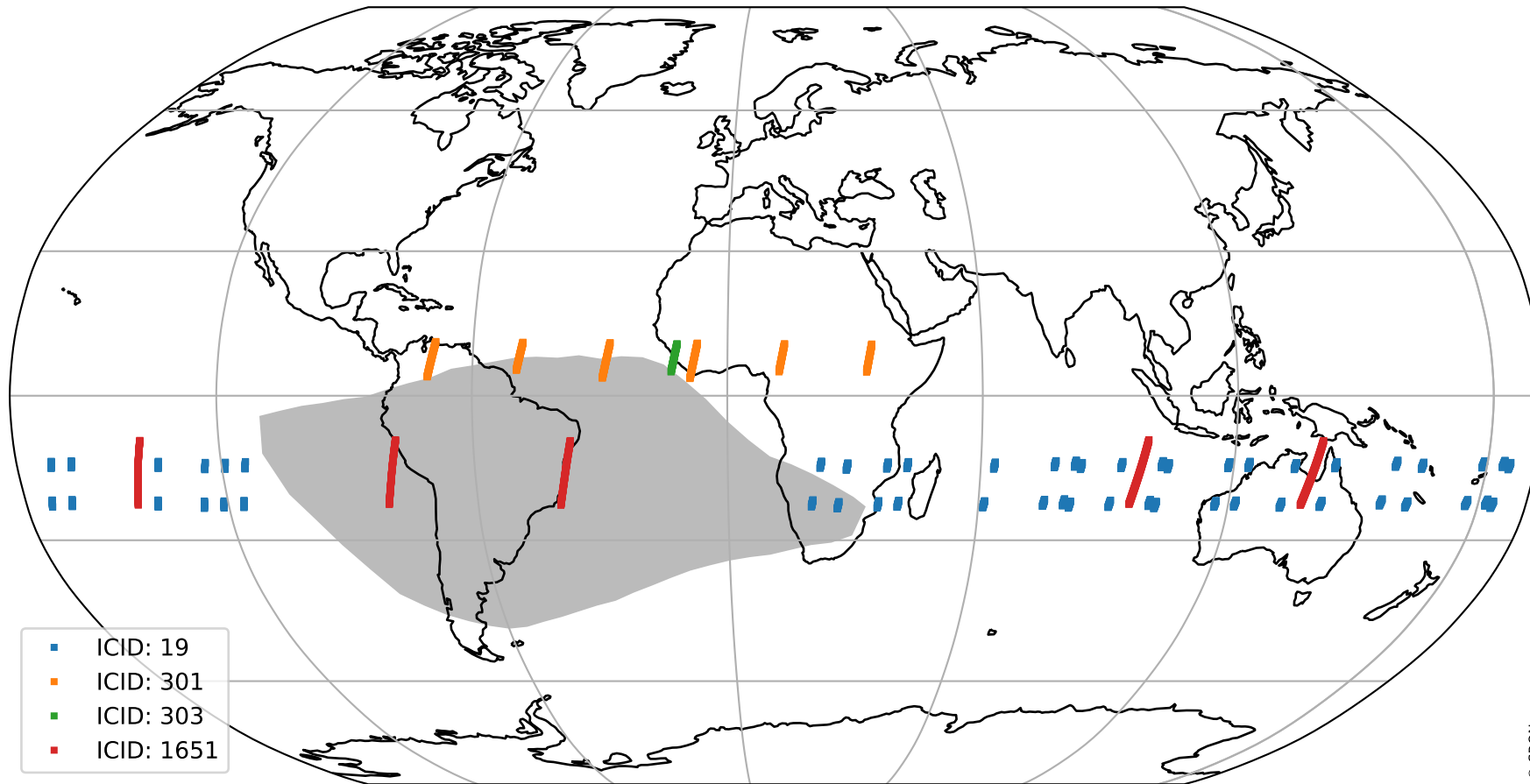
Tropomi SWIR background noise (swir)

orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
median : 0.98473
spread : 0.18206
created : 2023-08-21T15:34:54



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

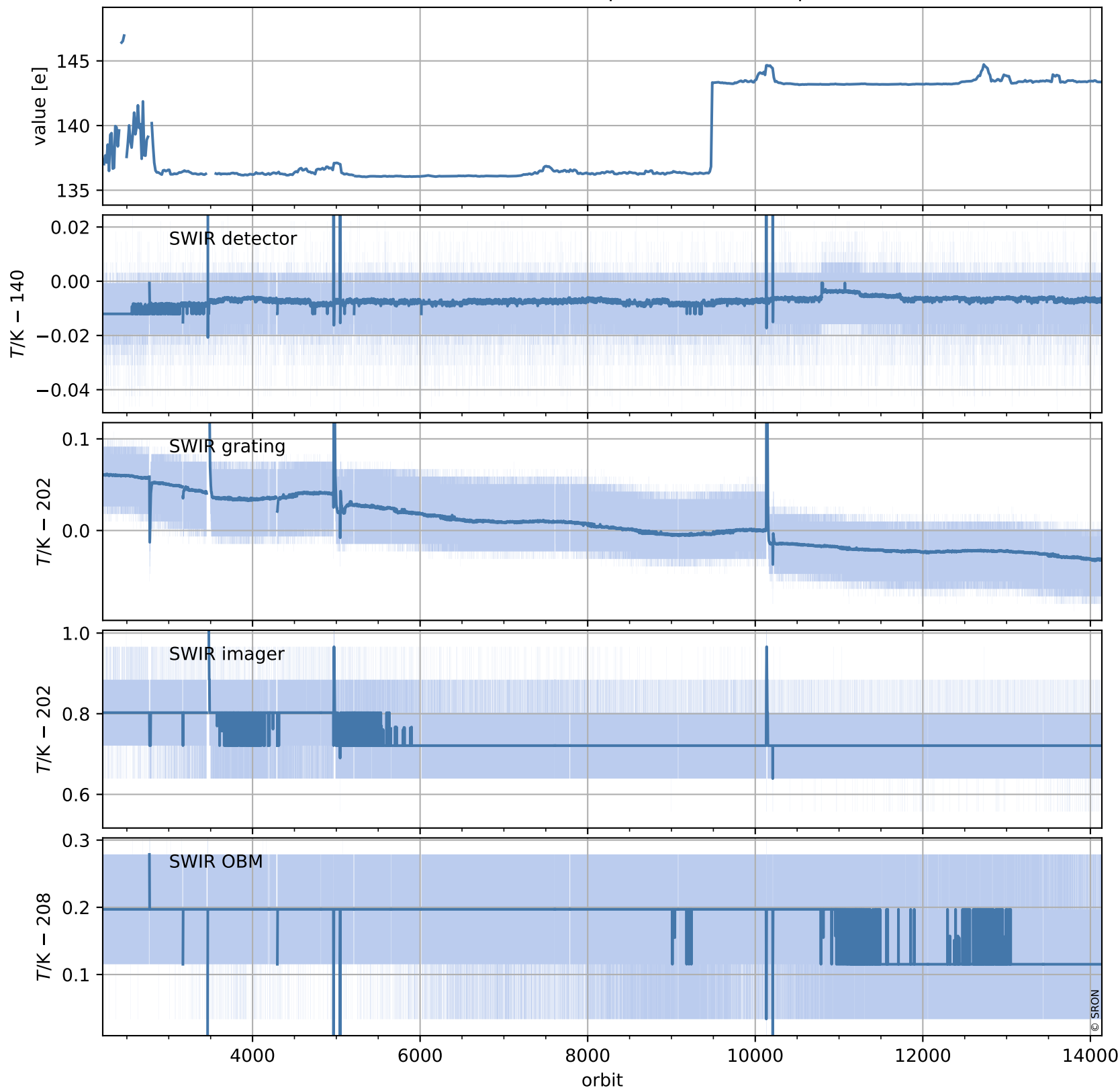
orbits : 12 in [14062, 14137]
coverage : 2020-06-29 / 2020-07-05
created : 2023-08-21T15:34:54



Tropomi SWIR background noise (swir)

orbits : [2212, 14137]
coverage : 2018-03-18 / 2020-07-05
created : 2023-08-21T15:34:54

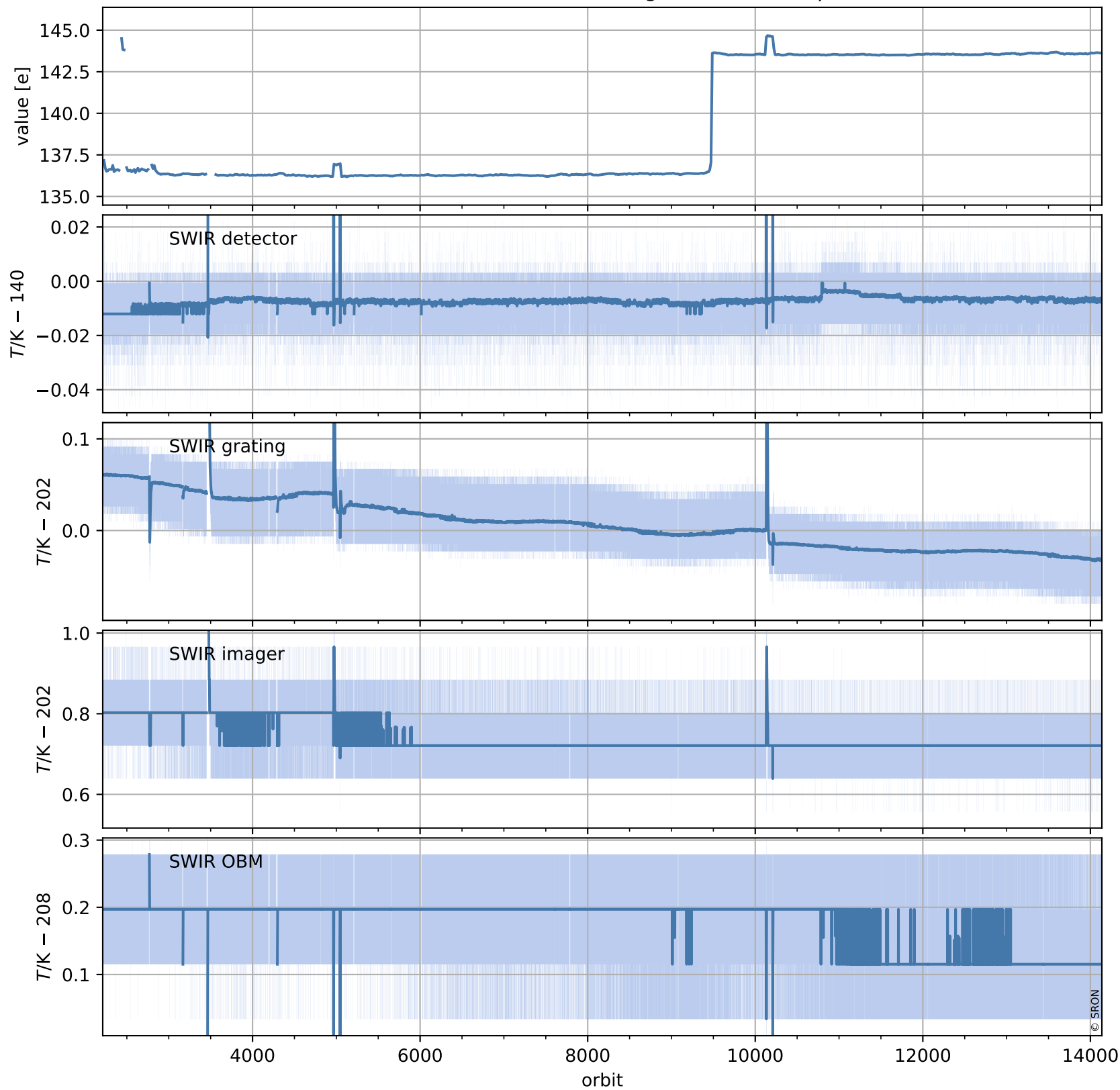
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14137]
coverage : 2018-03-18 / 2020-07-05
created : 2023-08-21T15:34:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14137]
coverage : 2018-03-18 / 2020-07-05
created : 2023-08-21T15:34:56

trend of normalized read-noise & temperatures

