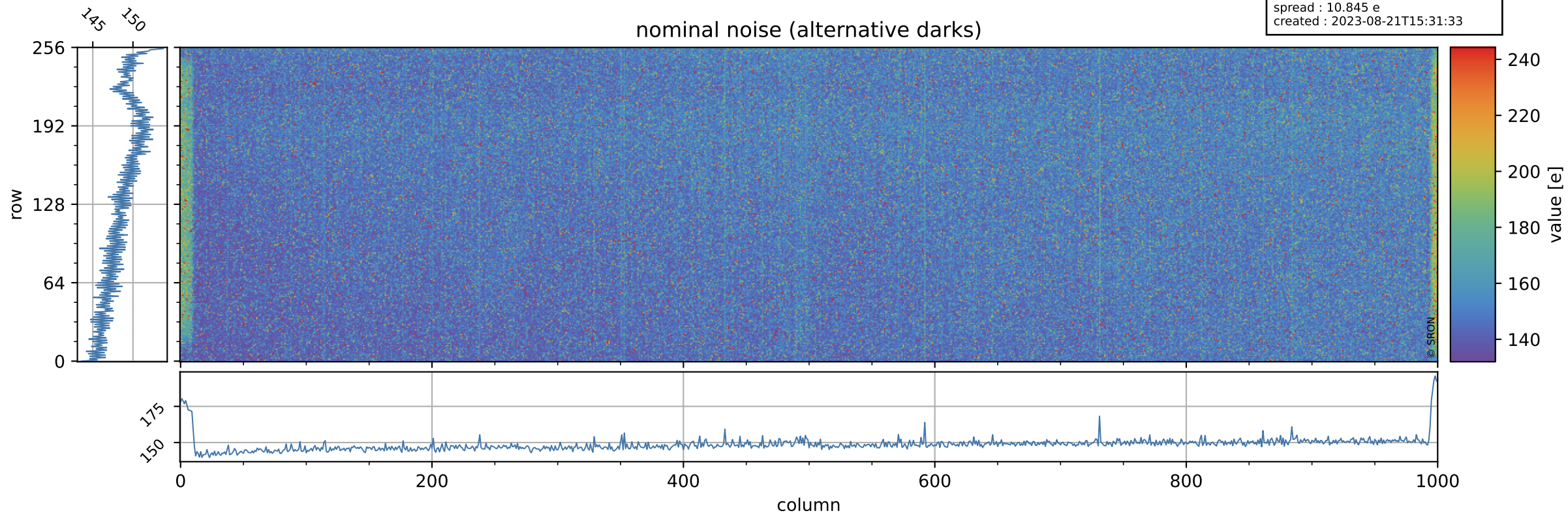


Tropomi SWIR background noise (swir)

orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.845 e
created : 2023-08-21T15:31:33

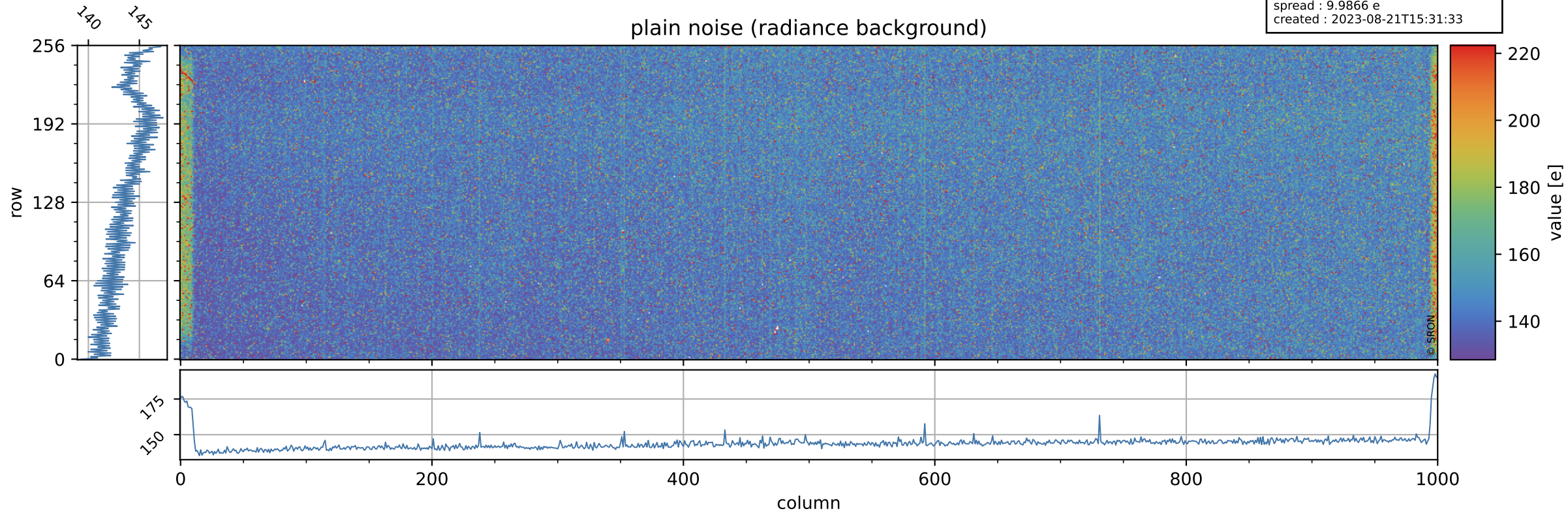
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9866 e
created : 2023-08-21T15:31:33

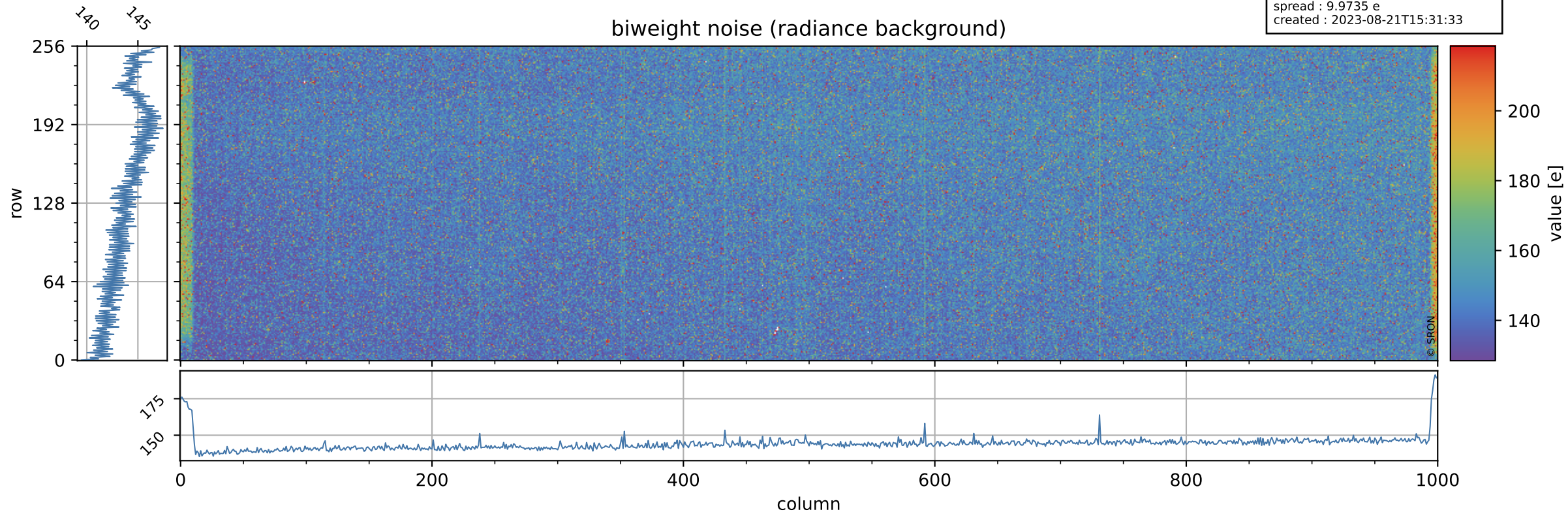
plain noise (radiance background)



Tropomi SWIR background noise (swir)

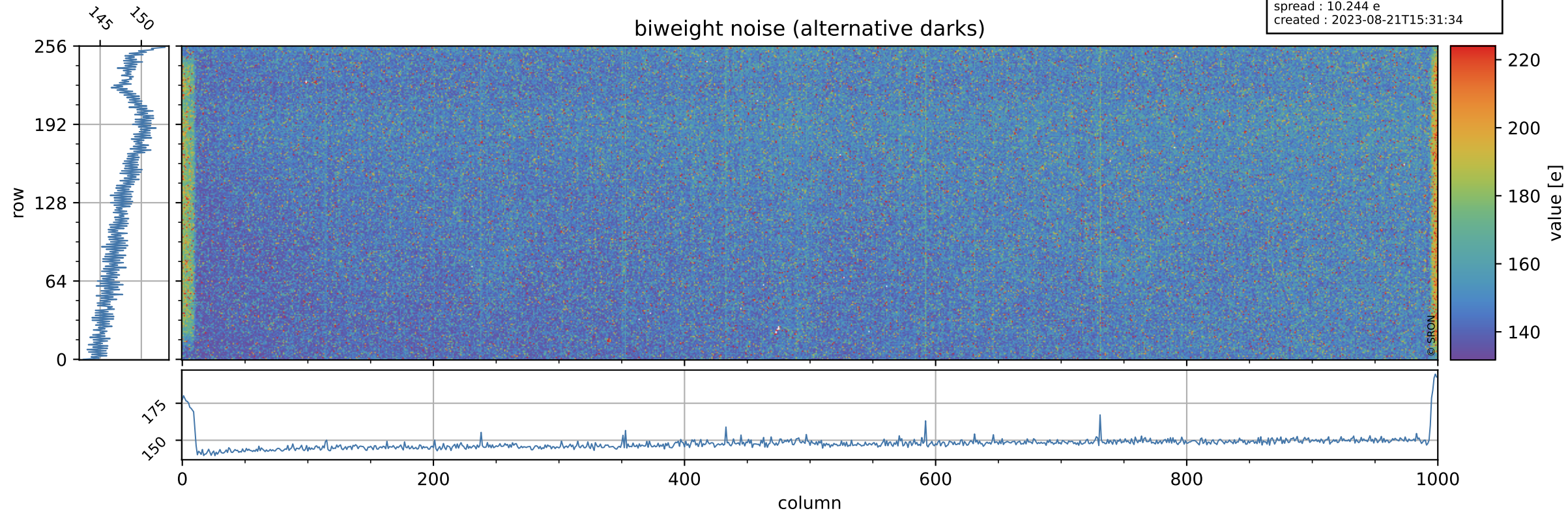
orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9735 e
created : 2023-08-21T15:31:33

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

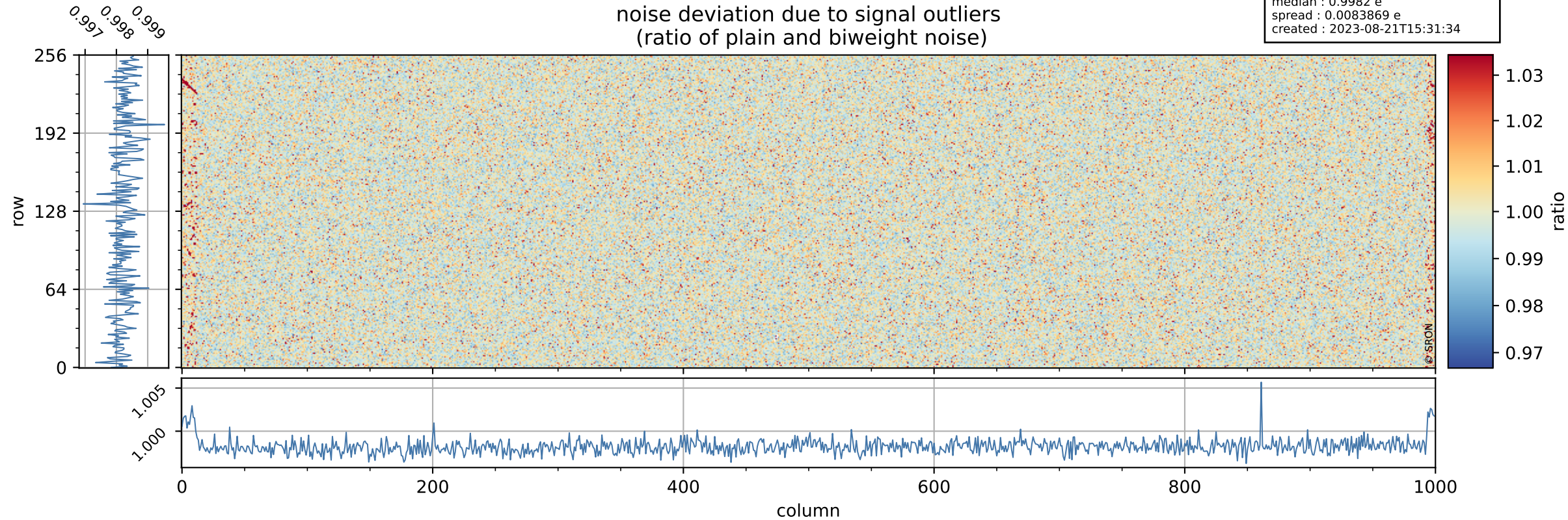
orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.244 e
created : 2023-08-21T15:31:34



Tropomi SWIR background noise (swir)

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

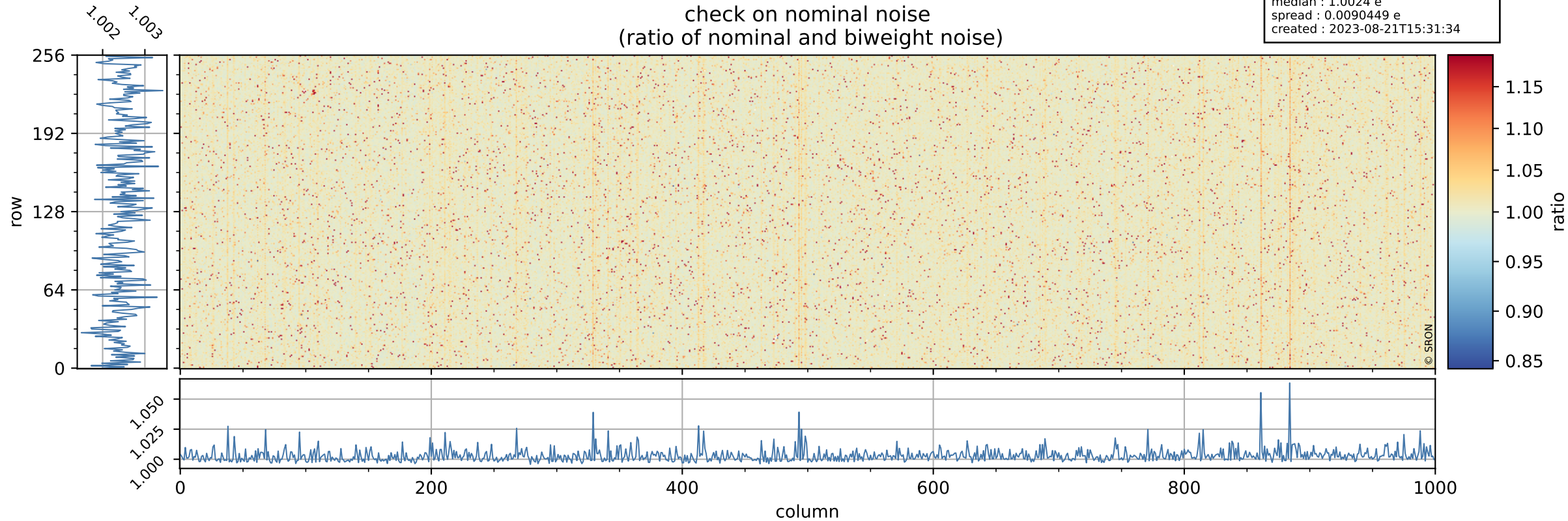
orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
median : 0.9982 e
spread : 0.0083869 e
created : 2023-08-21T15:31:34



Tropomi SWIR background noise (swir)

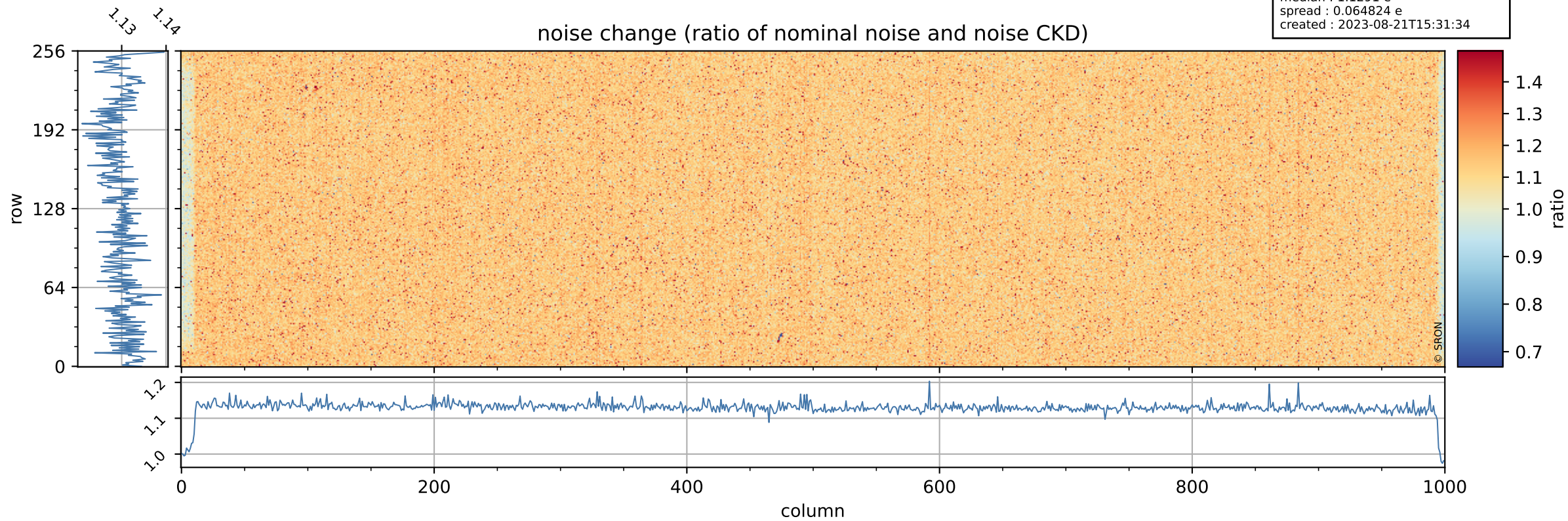
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
median : 1.0024 e
spread : 0.0090449 e
created : 2023-08-21T15:31:34



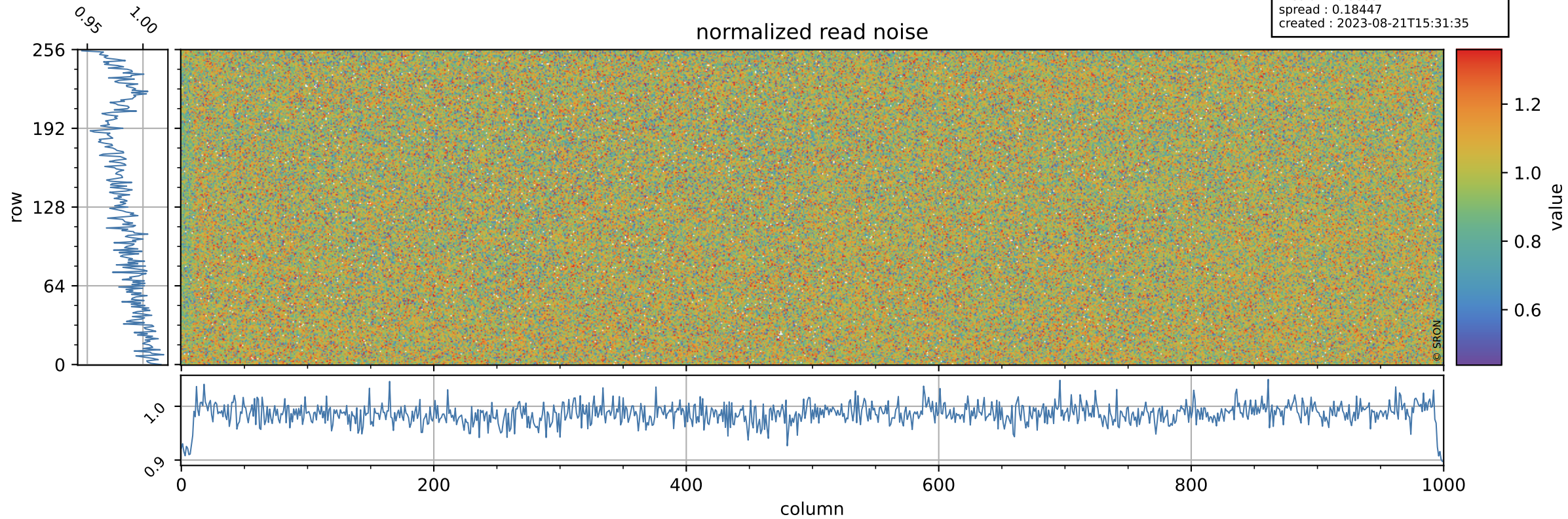
Tropomi SWIR background noise (swir)

orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
median : 1.1291 e
spread : 0.064824 e
created : 2023-08-21T15:31:34



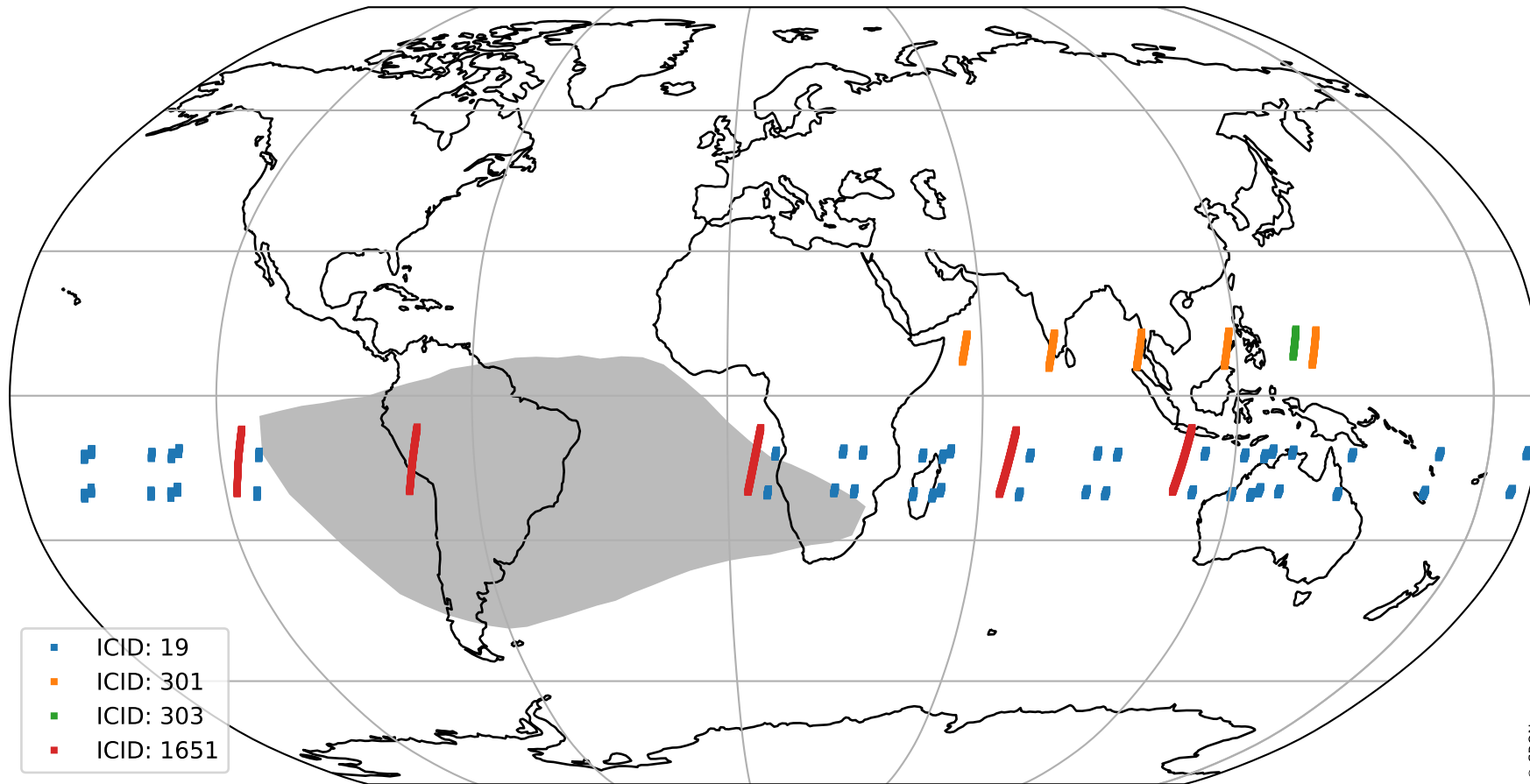
Tropomi SWIR background noise (swir)

orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
median : 0.98392
spread : 0.18447
created : 2023-08-21T15:31:35



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

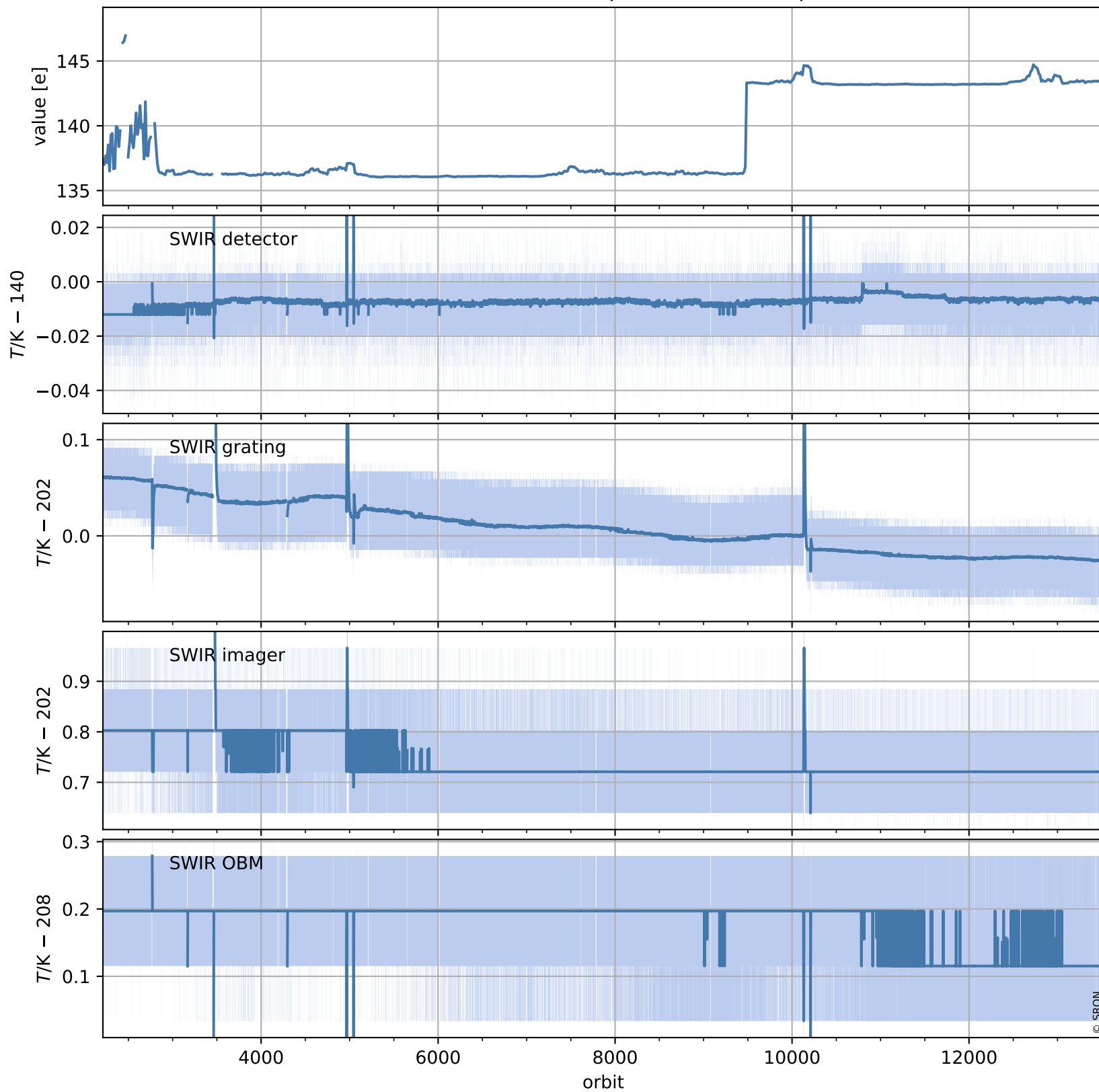
orbits : 11 in [13447, 13522]
coverage : 2020-05-17 / 2020-05-22
created : 2023-08-21T15:31:35



Tropomi SWIR background noise (swir)

orbits : [2212, 13522]
coverage : 2018-03-18 / 2020-05-22
created : 2023-08-21T15:31:35

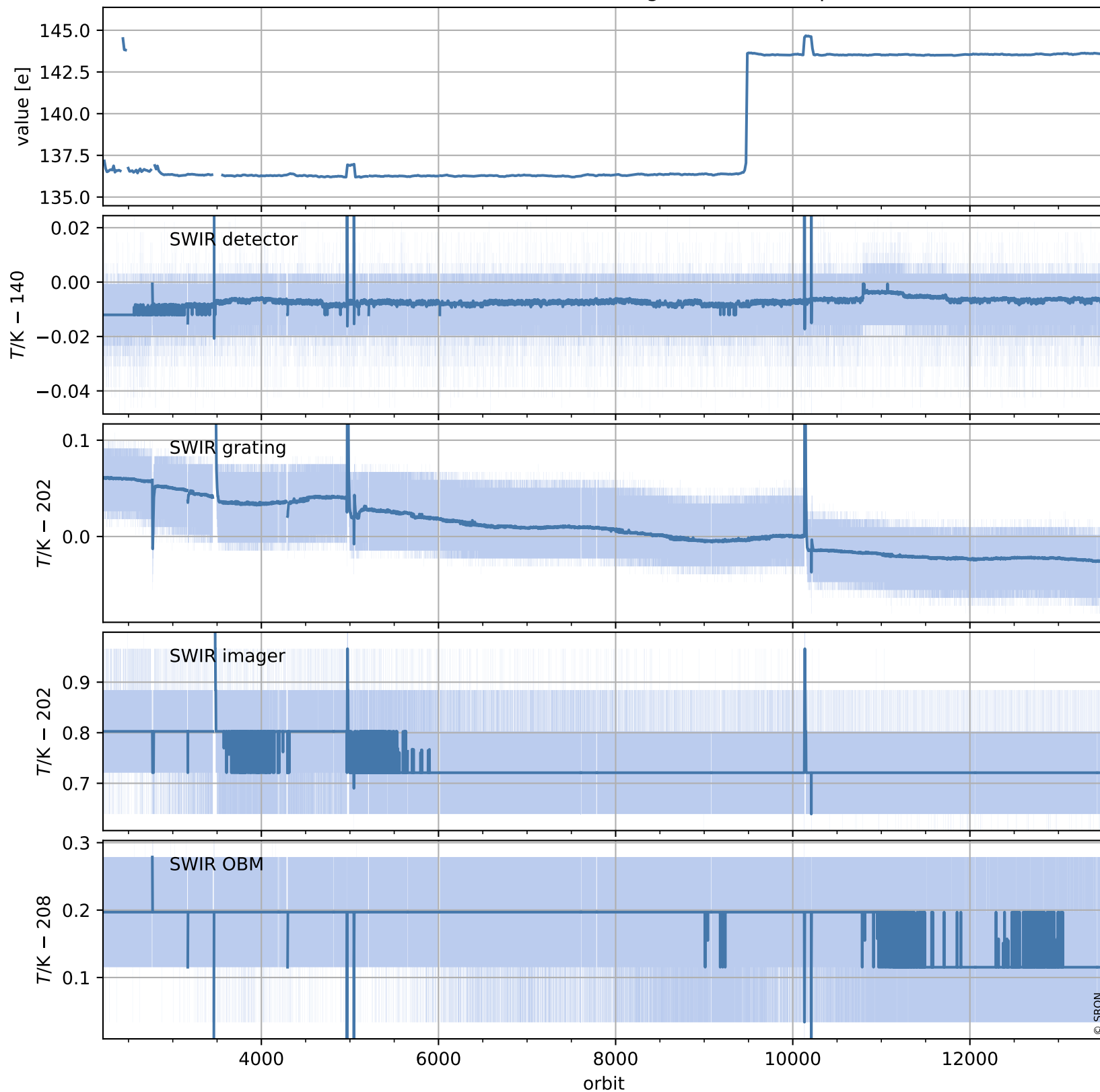
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13522]
coverage : 2018-03-18 / 2020-05-22
created : 2023-08-21T15:31:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13522]
coverage : 2018-03-18 / 2020-05-22
created : 2023-08-21T15:31:37

trend of normalized read-noise & temperatures

