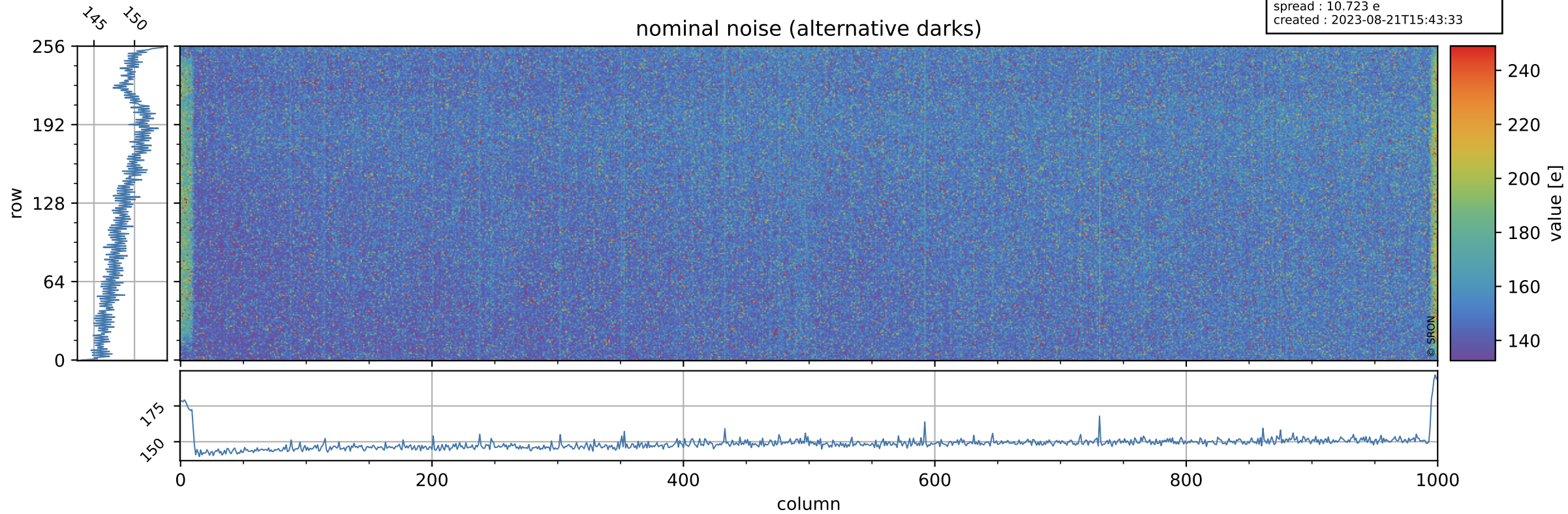


Tropomi SWIR background noise (swir)

orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.723 e
created : 2023-08-21T15:43:33

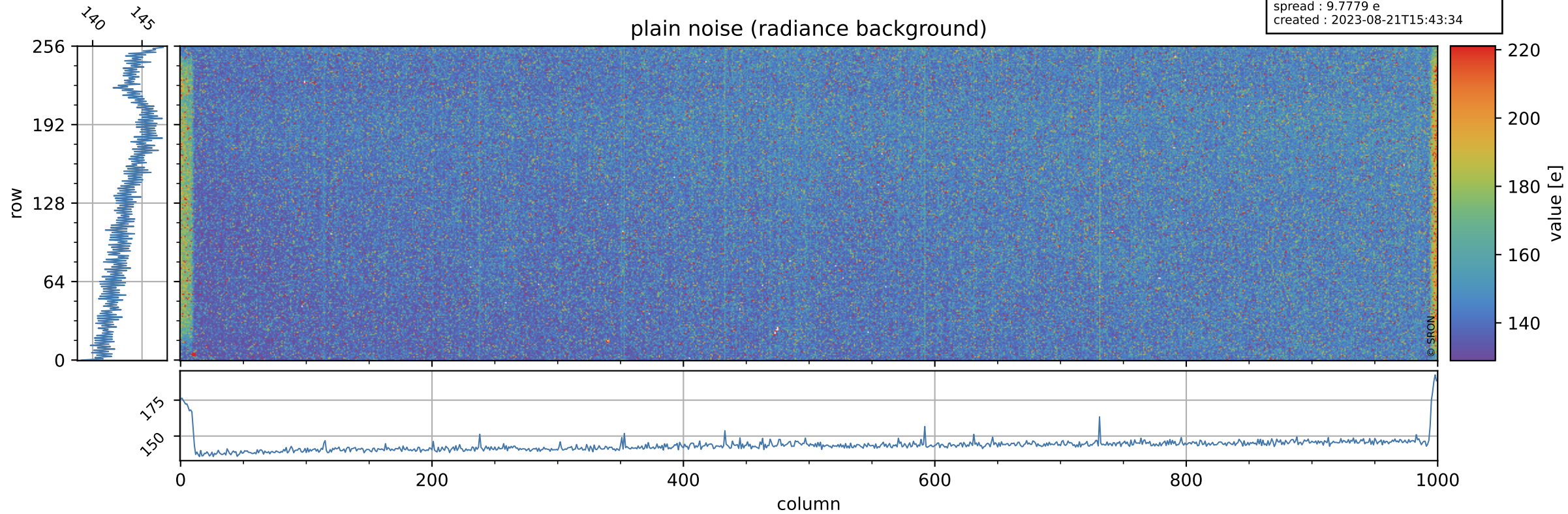
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7779 e
created : 2023-08-21T15:43:34

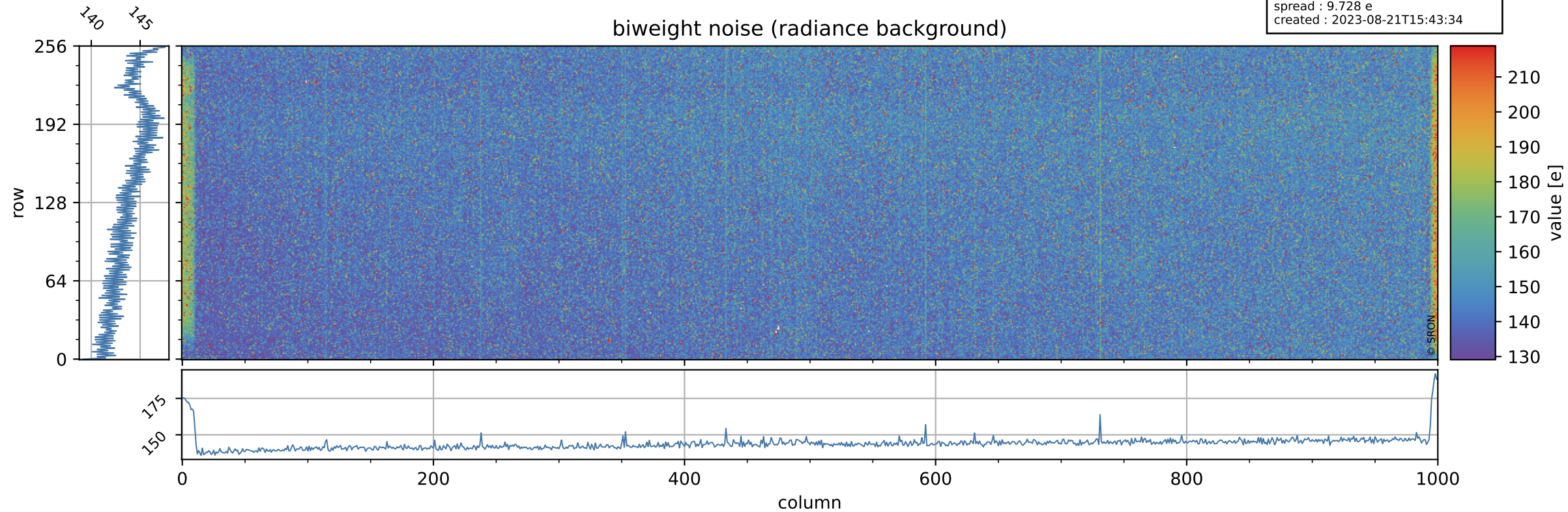
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.728 e
created : 2023-08-21T15:43:34

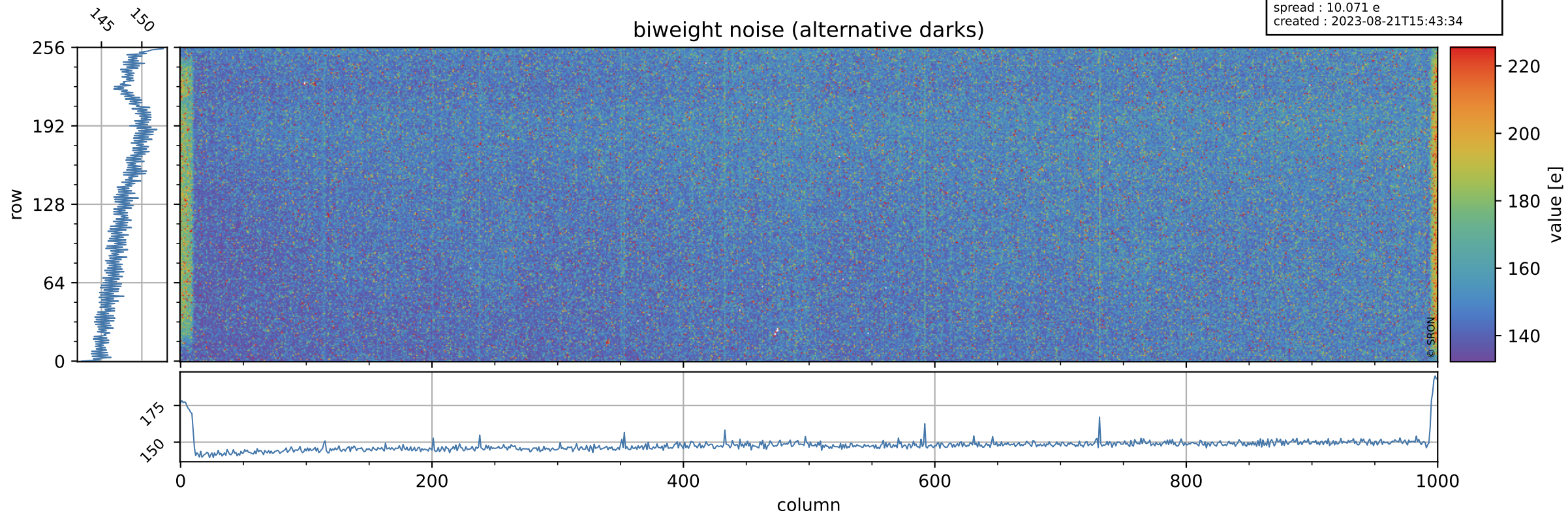
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.071 e
created : 2023-08-21T15:43:34

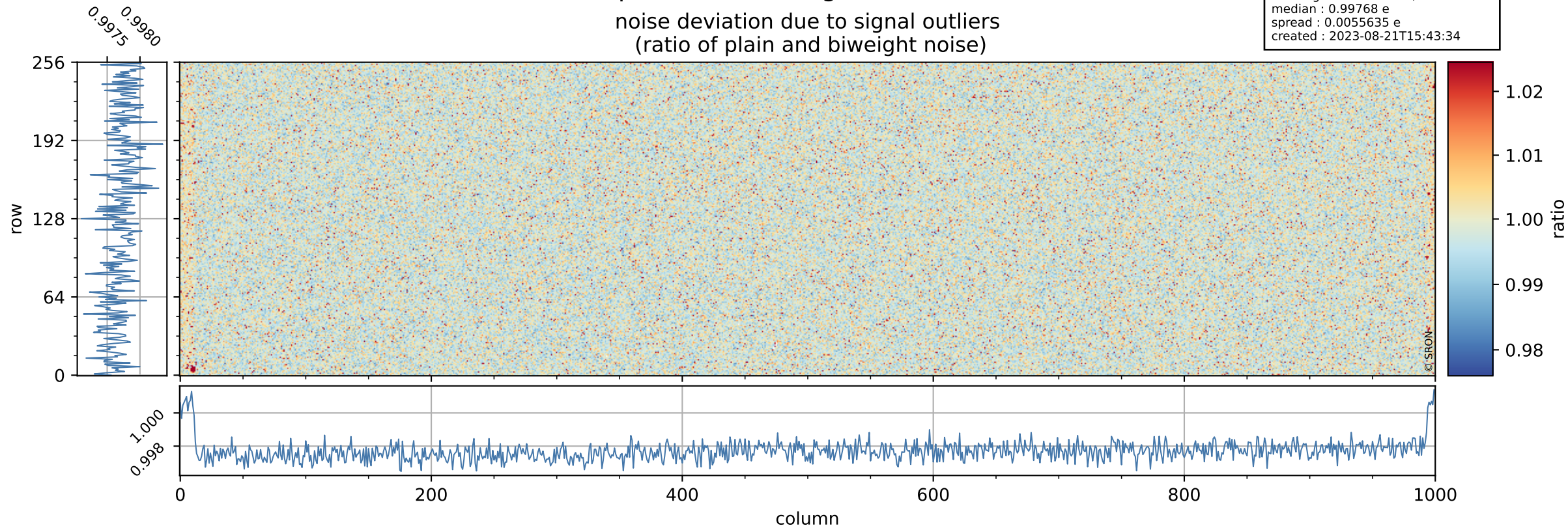
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

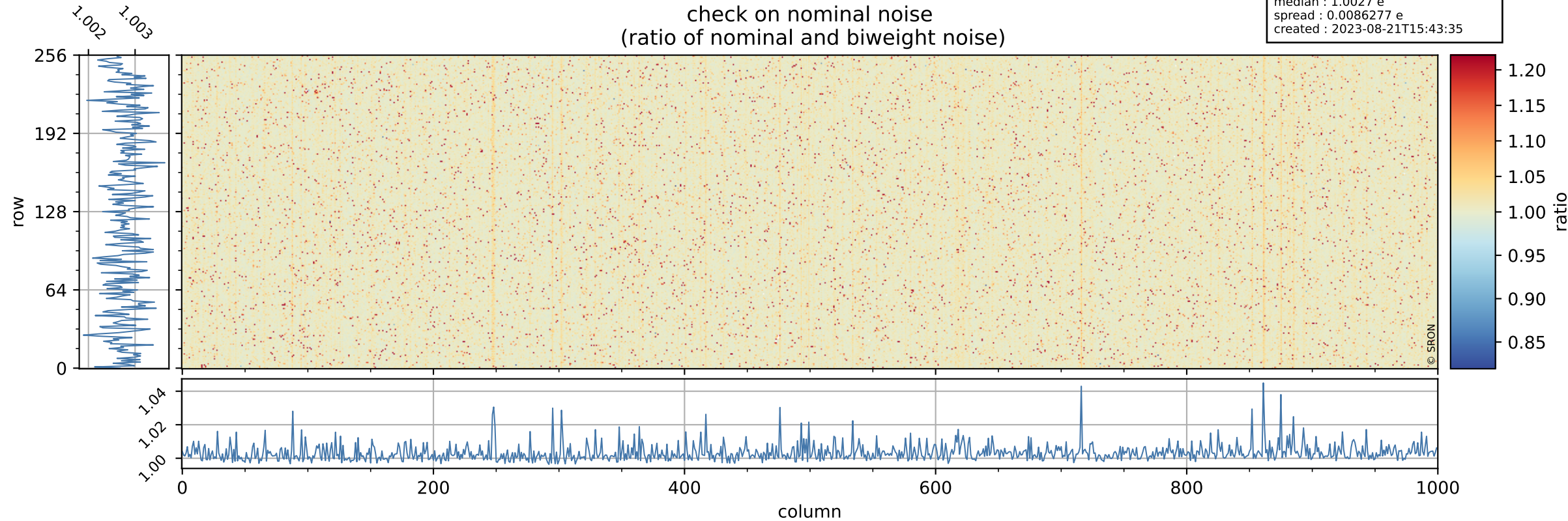
orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
median : 0.99768 e
spread : 0.0055635 e
created : 2023-08-21T15:43:34



Tropomi SWIR background noise (swir)

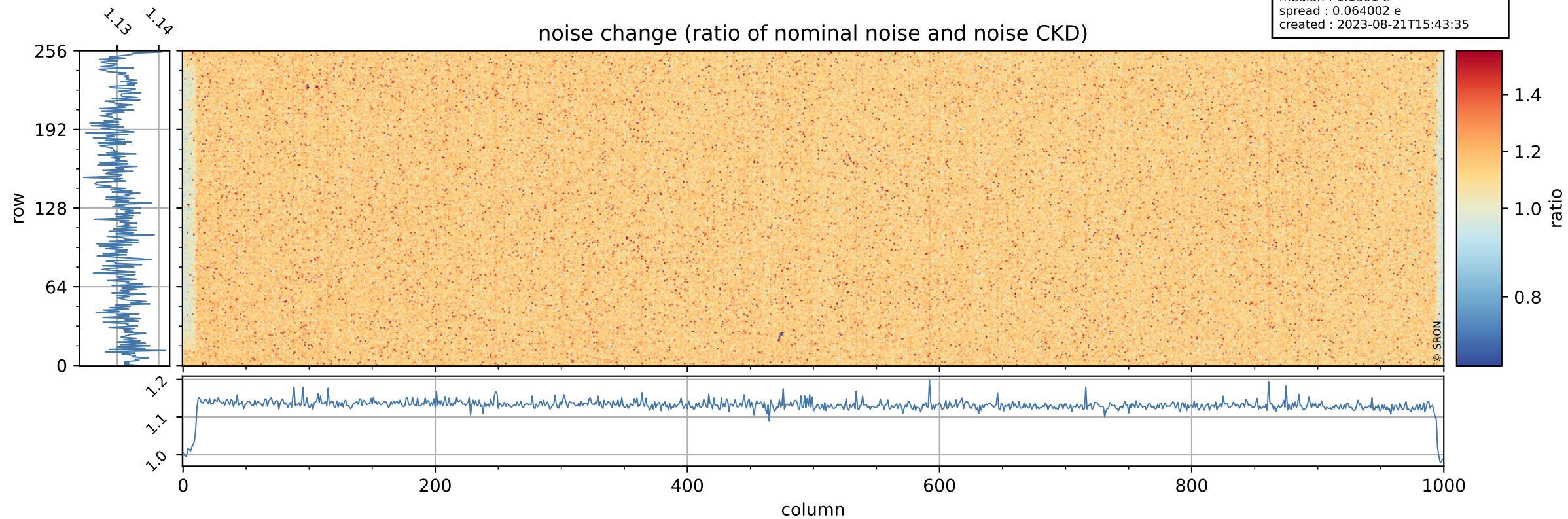
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
median : 1.0027 e
spread : 0.0086277 e
created : 2023-08-21T15:43:35



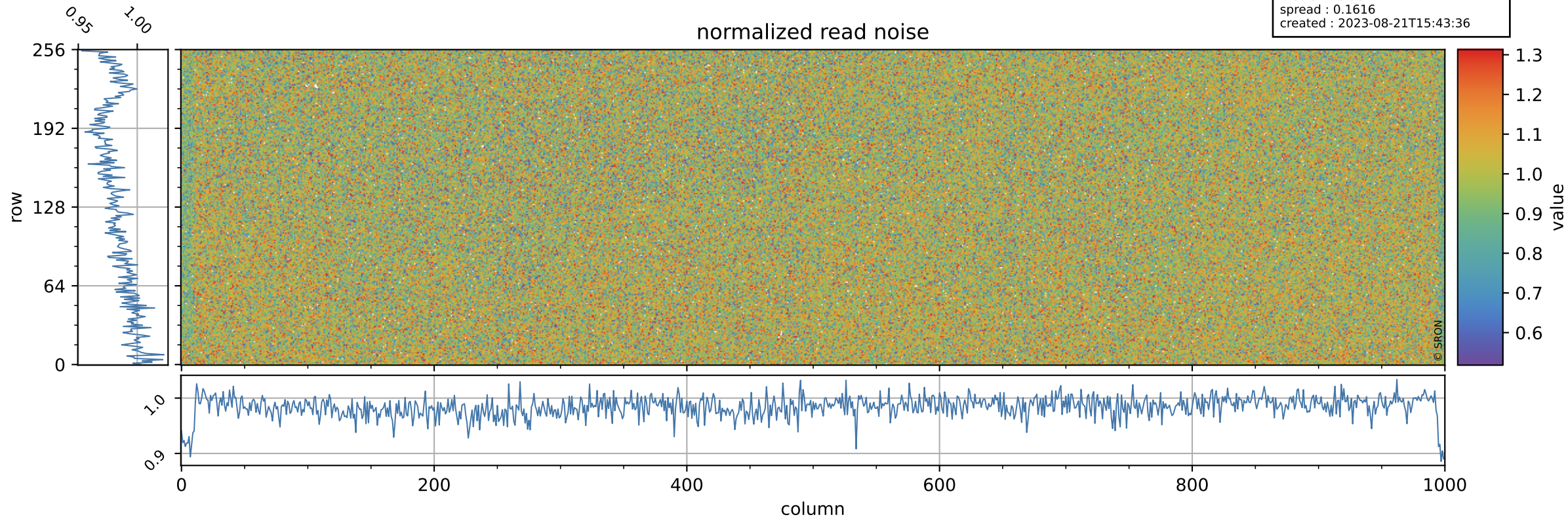
Tropomi SWIR background noise (swir)

orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
median : 1.1301 e
spread : 0.064002 e
created : 2023-08-21T15:43:35



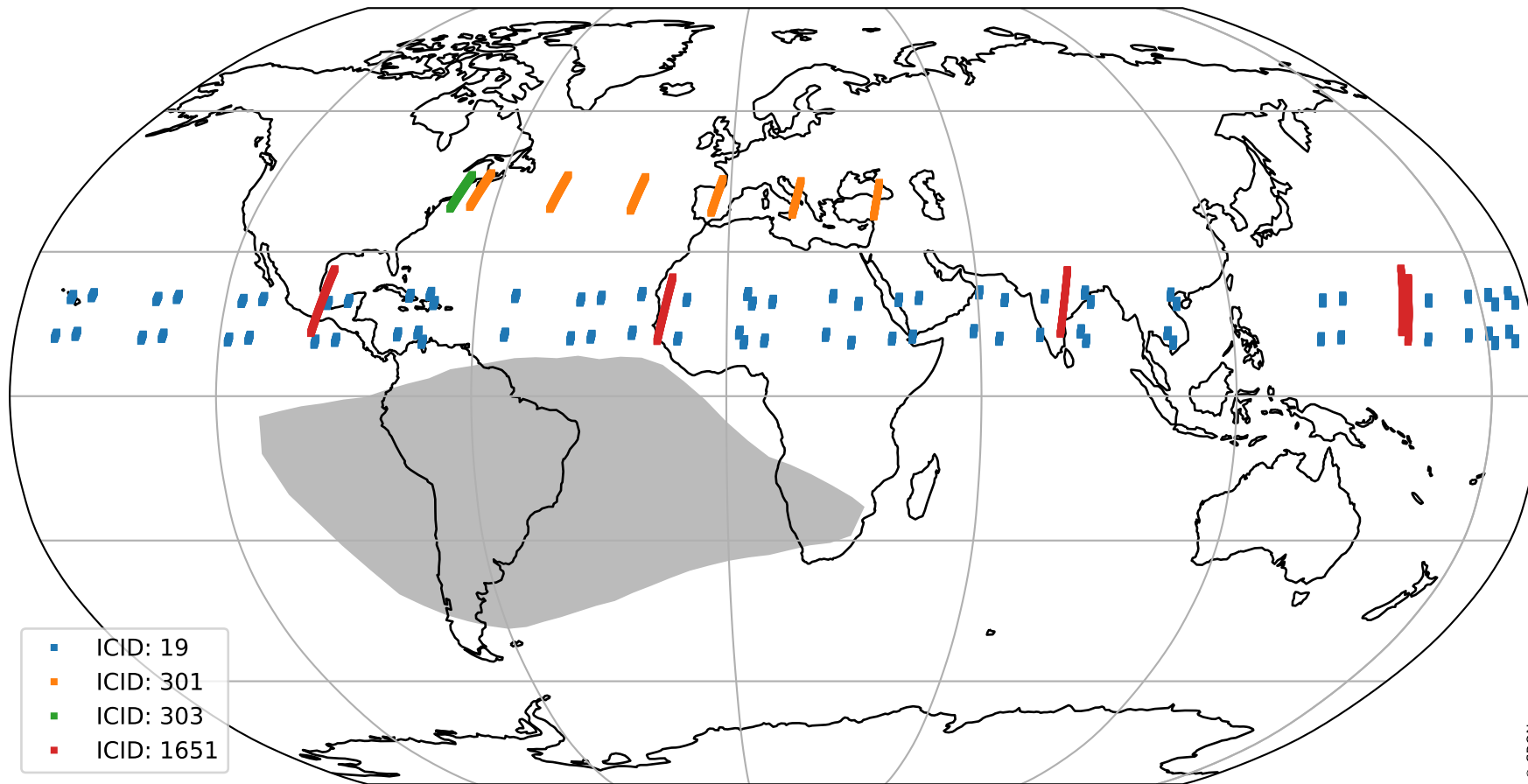
Tropomi SWIR background noise (swir)

orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
median : 0.98271
spread : 0.1616
created : 2023-08-21T15:43:36



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

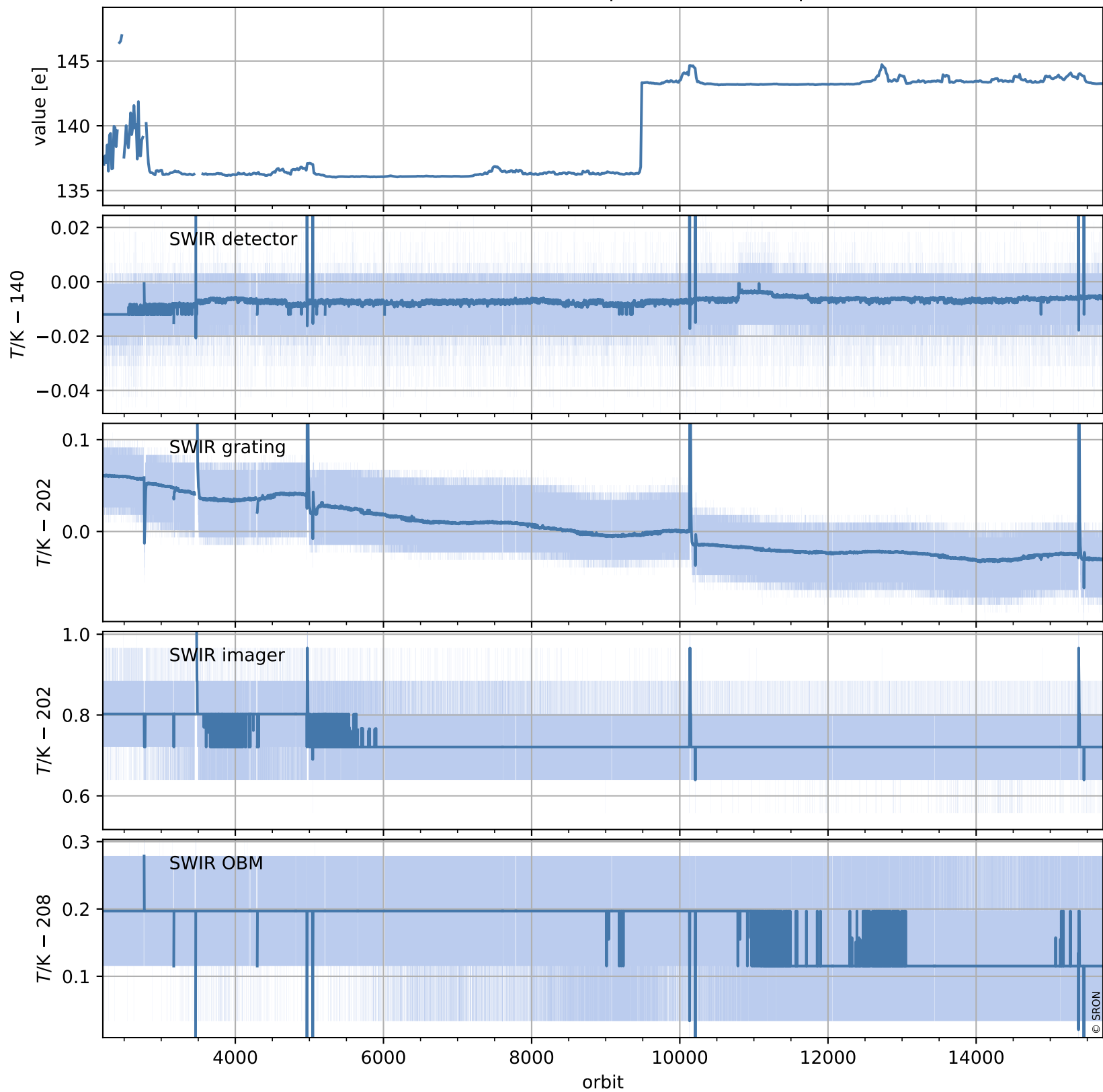
orbits : 12 in [15622, 15712]
coverage : 2020-10-18 / 2020-10-24
created : 2023-08-21T15:43:36



Tropomi SWIR background noise (swir)

orbits : [2212, 15712]
coverage : 2018-03-18 / 2020-10-24
created : 2023-08-21T15:43:36

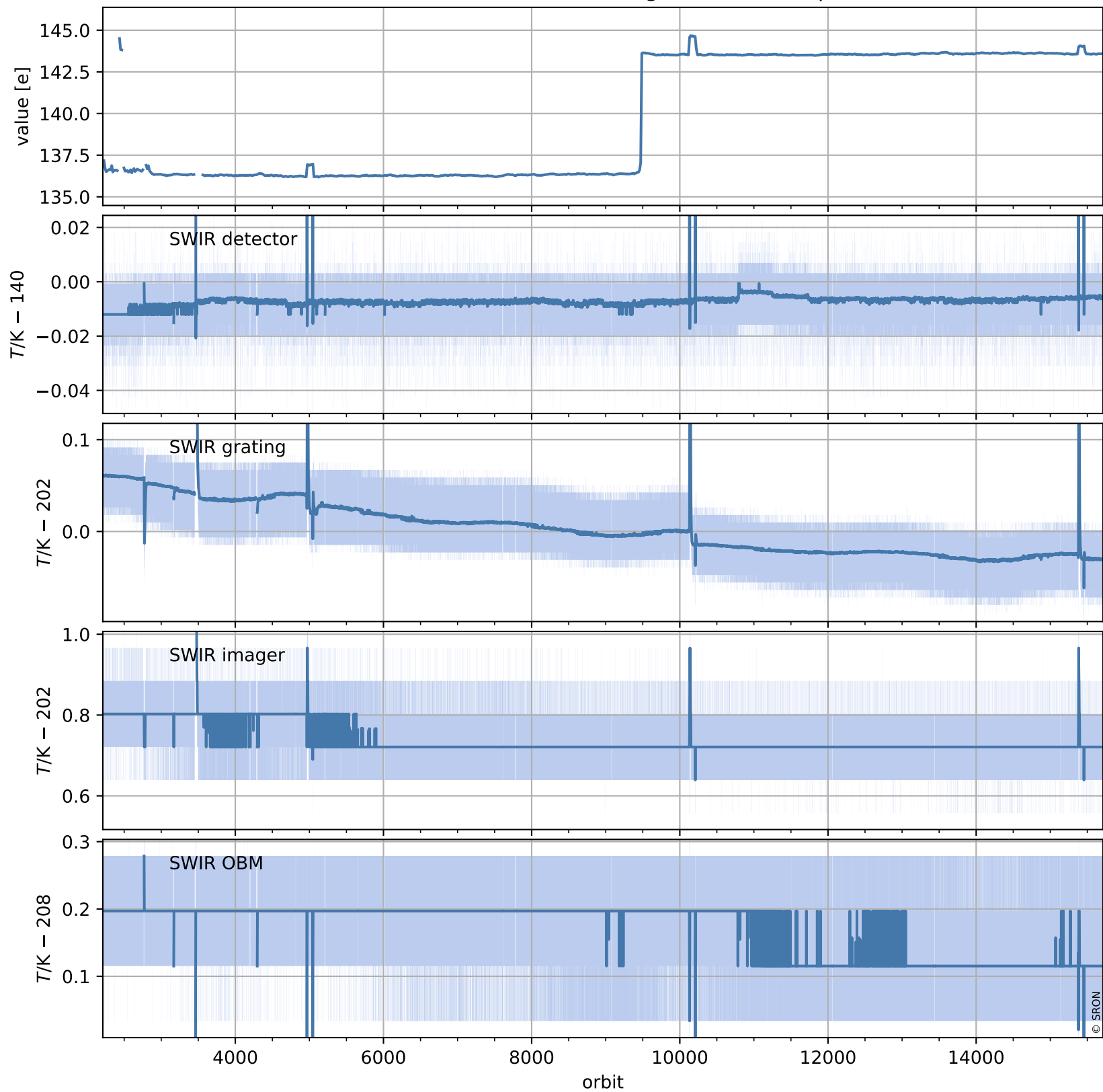
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15712]
coverage : 2018-03-18 / 2020-10-24
created : 2023-08-21T15:43:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15712]
coverage : 2018-03-18 / 2020-10-24
created : 2023-08-21T15:43:38

trend of normalized read-noise & temperatures

