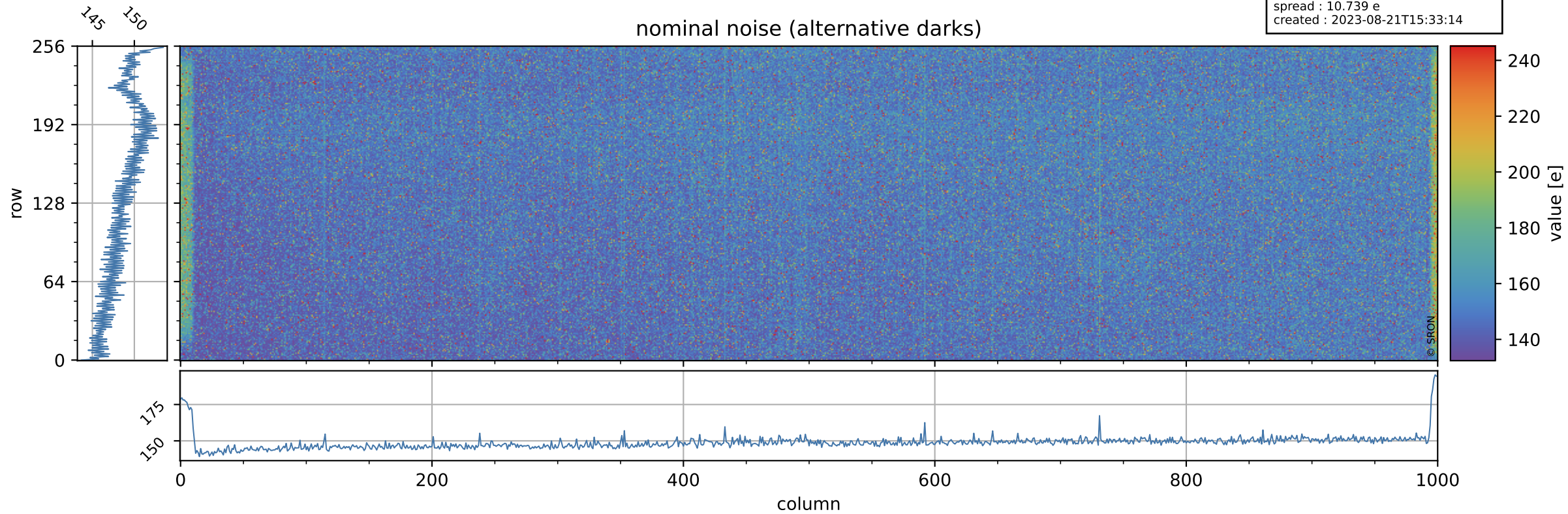


Tropomi SWIR background noise (swir)

orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
n_coad, t_exp : 1, 1.0783
median : 148.59 e
spread : 10.739 e
created : 2023-08-21T15:33:14

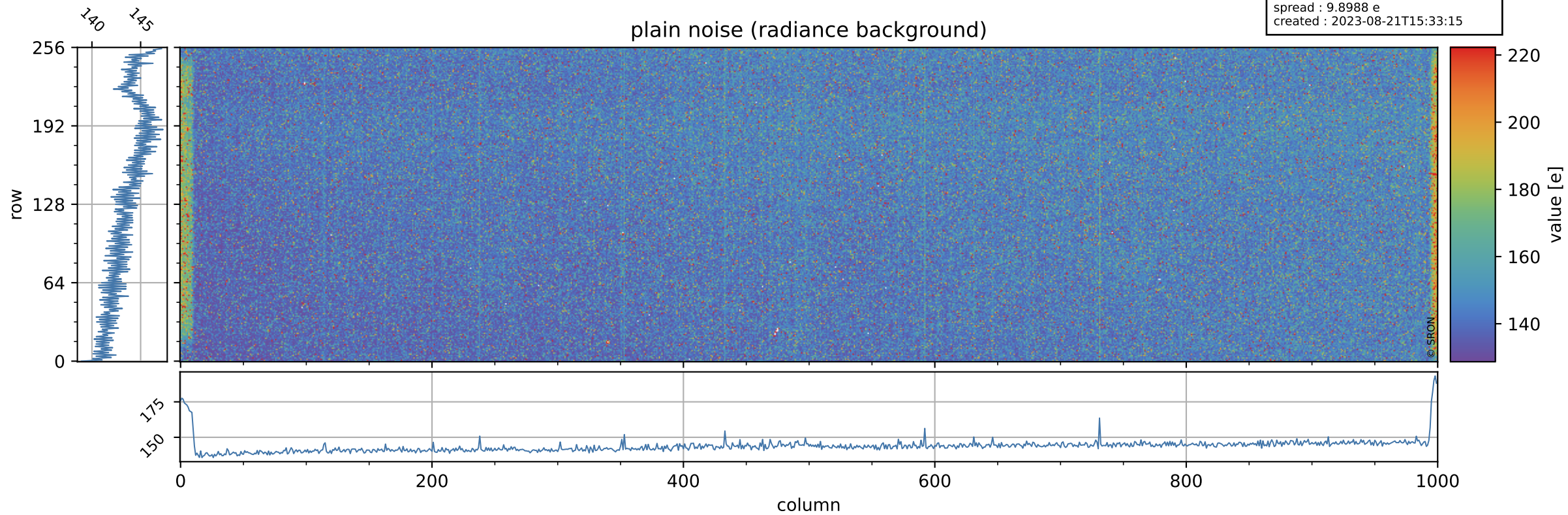
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
n_coad, t_exp : 1, 0.8383
median : 143.51 e
spread : 9.8988 e
created : 2023-08-21T15:33:15

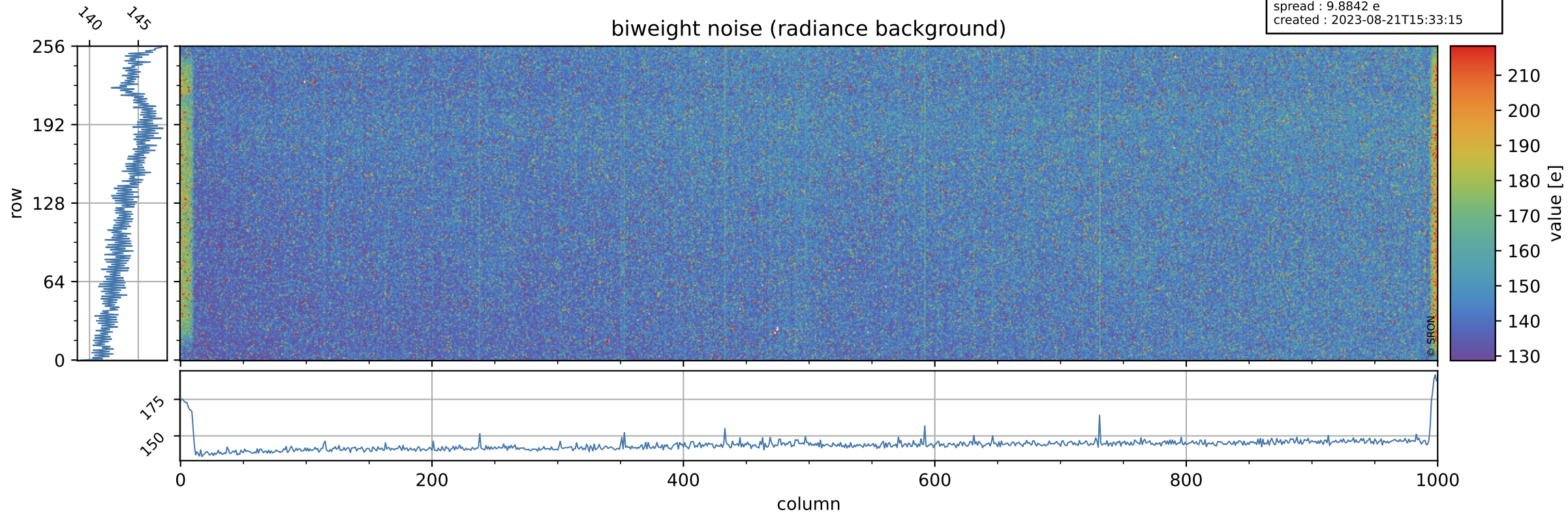
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.8842 e
created : 2023-08-21T15:33:15

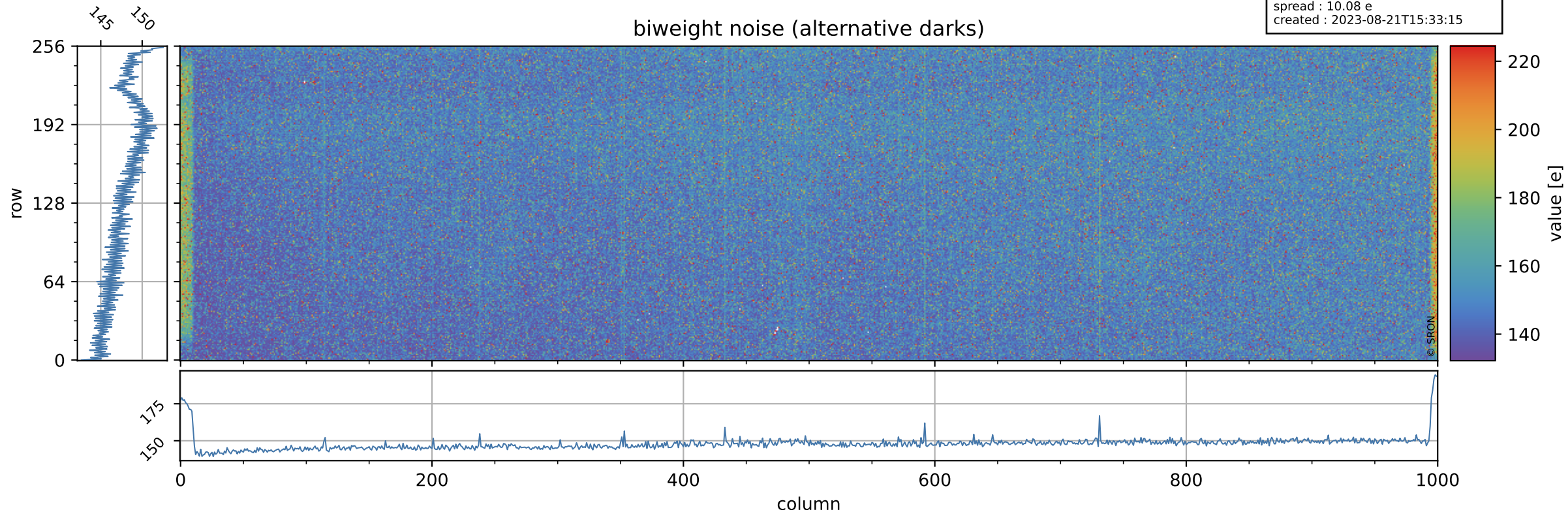
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.08 e
created : 2023-08-21T15:33:15

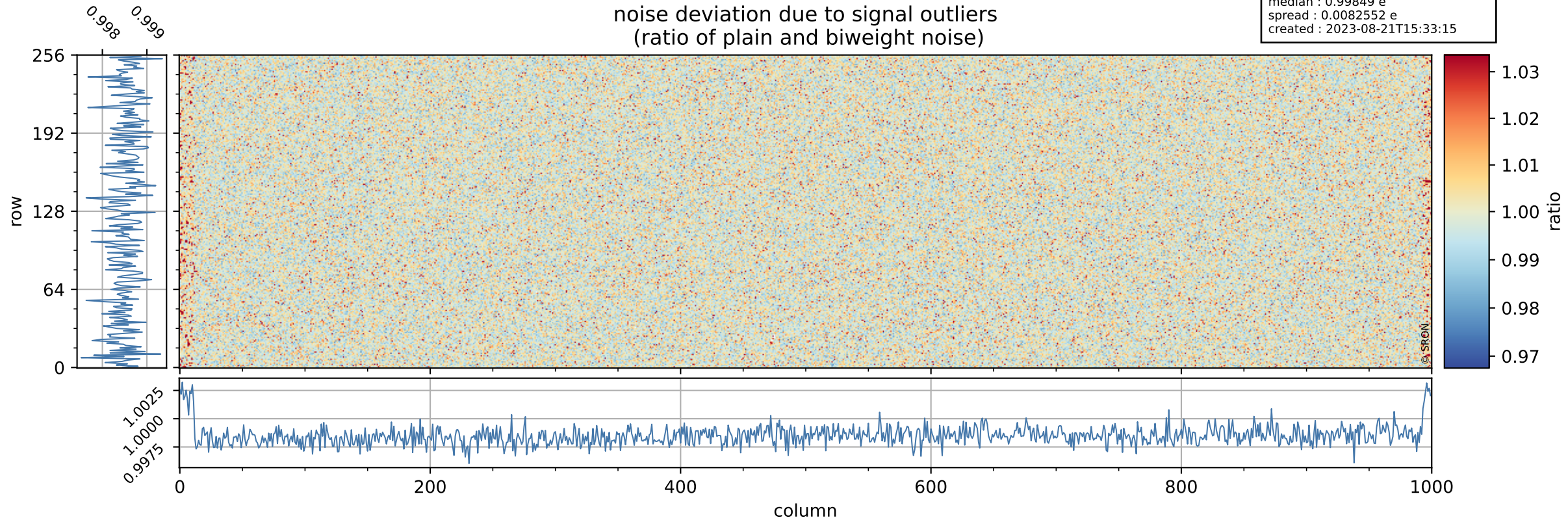
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

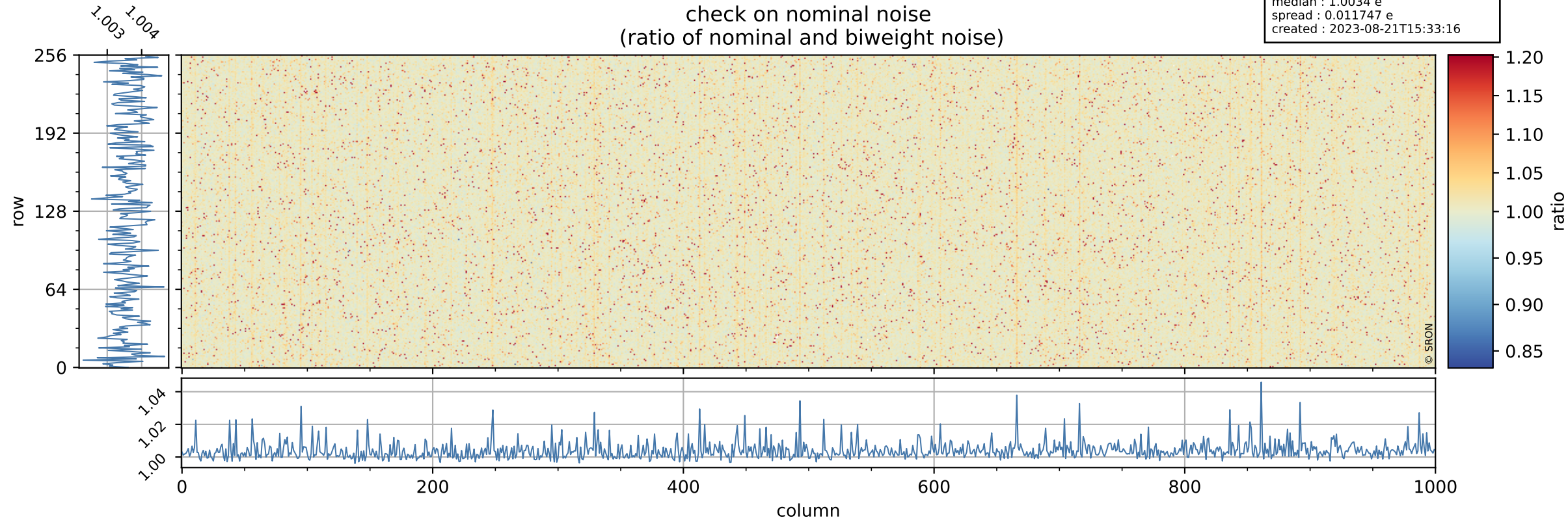
orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
median : 0.99849 e
spread : 0.0082552 e
created : 2023-08-21T15:33:15



Tropomi SWIR background noise (swir)

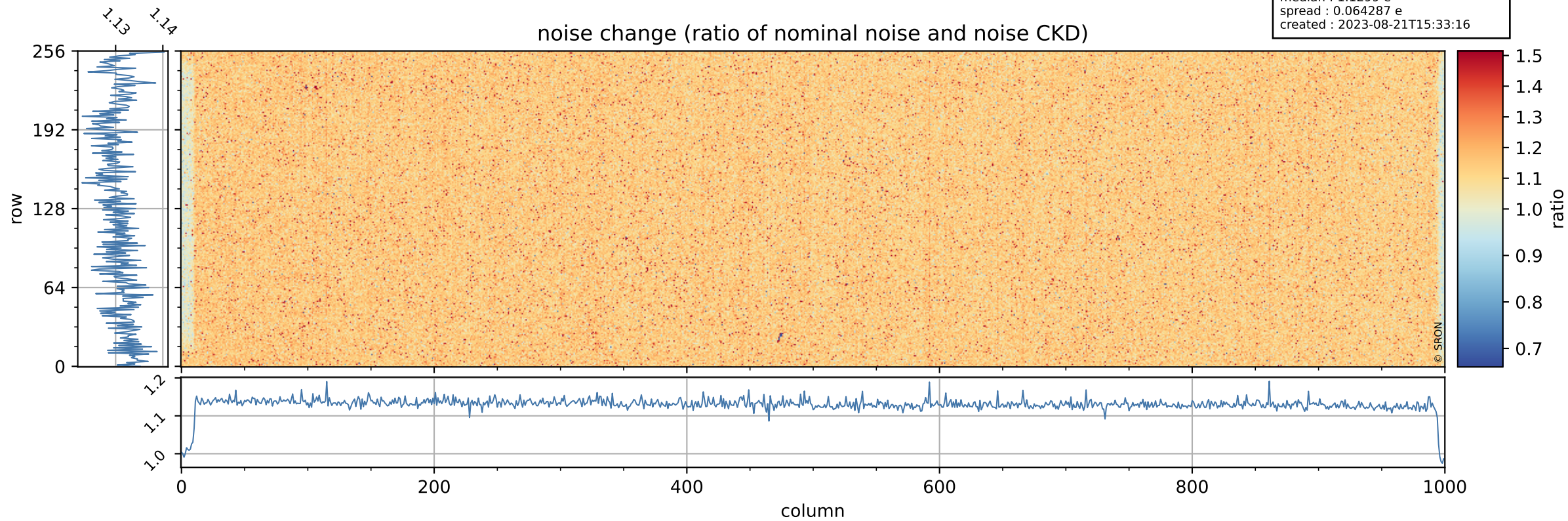
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
median : 1.0034 e
spread : 0.011747 e
created : 2023-08-21T15:33:16



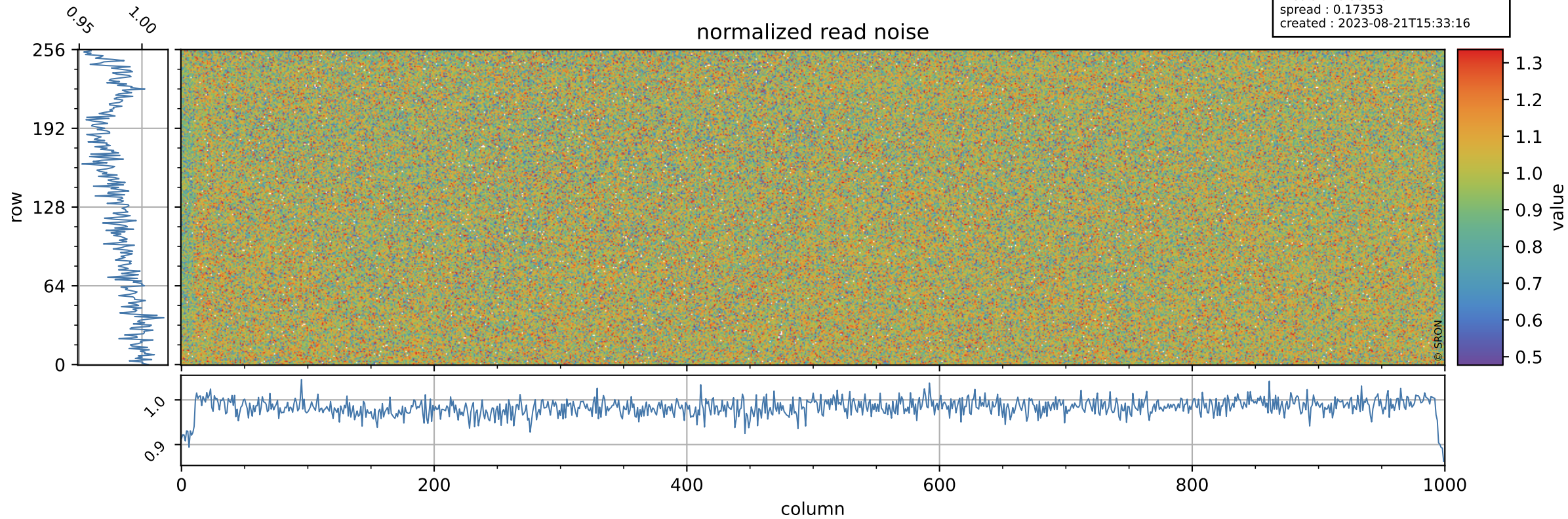
Tropomi SWIR background noise (swir)

orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
median : 1.1299 e
spread : 0.064287 e
created : 2023-08-21T15:33:16



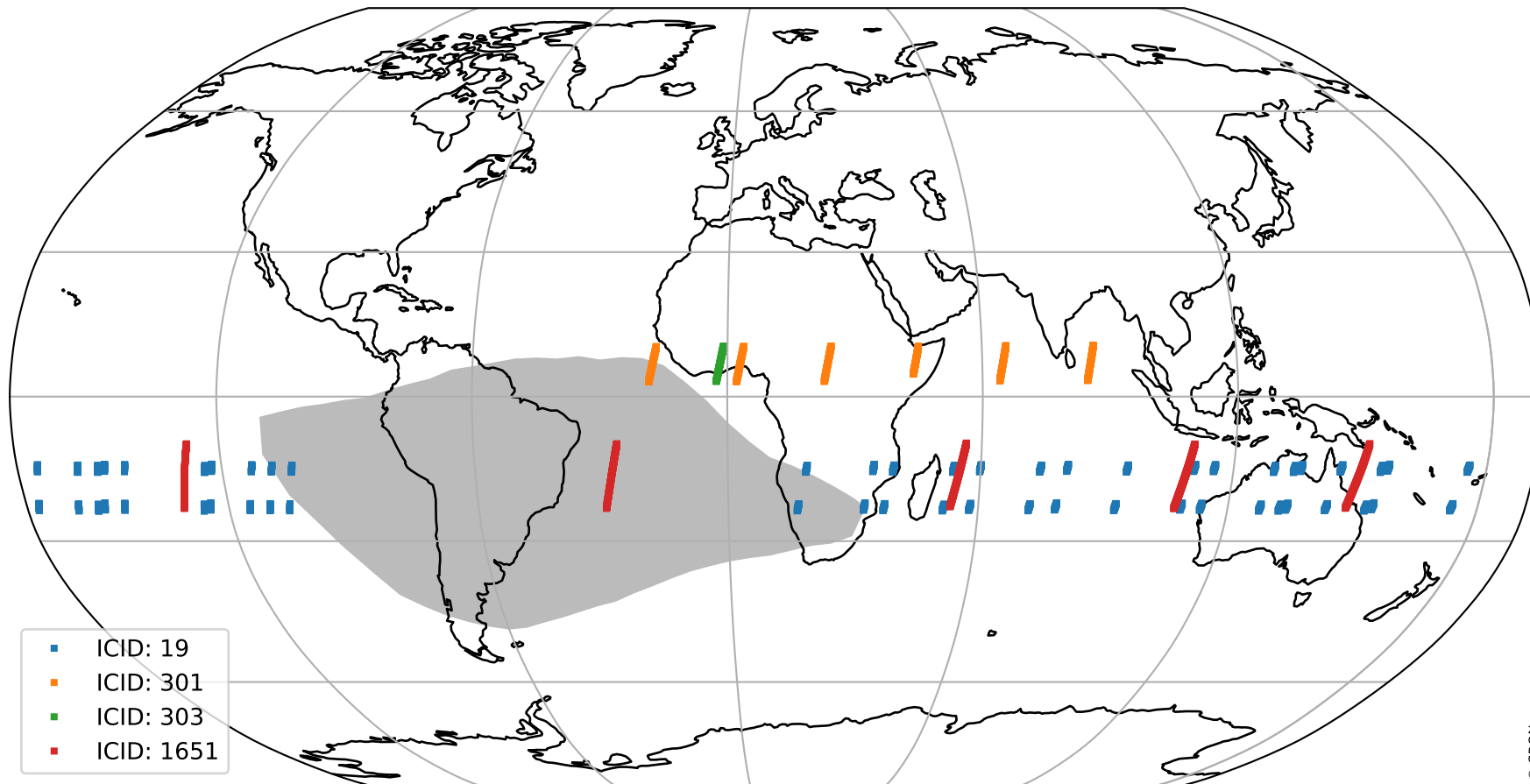
Tropomi SWIR background noise (swir)

orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
median : 0.98146
spread : 0.17353
created : 2023-08-21T15:33:16



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

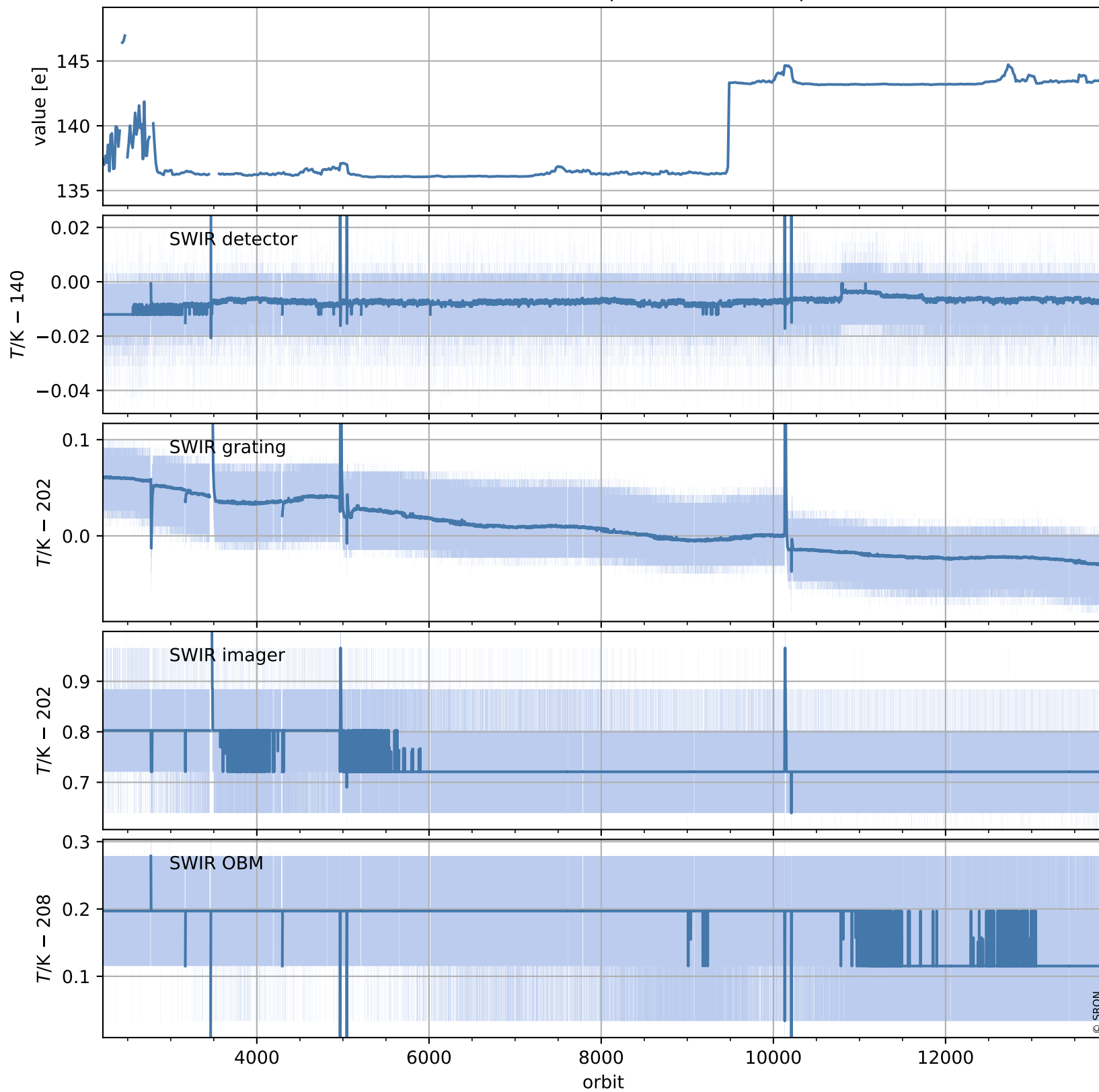
orbits : 12 in [13747, 13837]
coverage : 2020-06-08 / 2020-06-14
created : 2023-08-21T15:33:17



Tropomi SWIR background noise (swir)

orbits : [2212, 13837]
coverage : 2018-03-18 / 2020-06-14
created : 2023-08-21T15:33:17

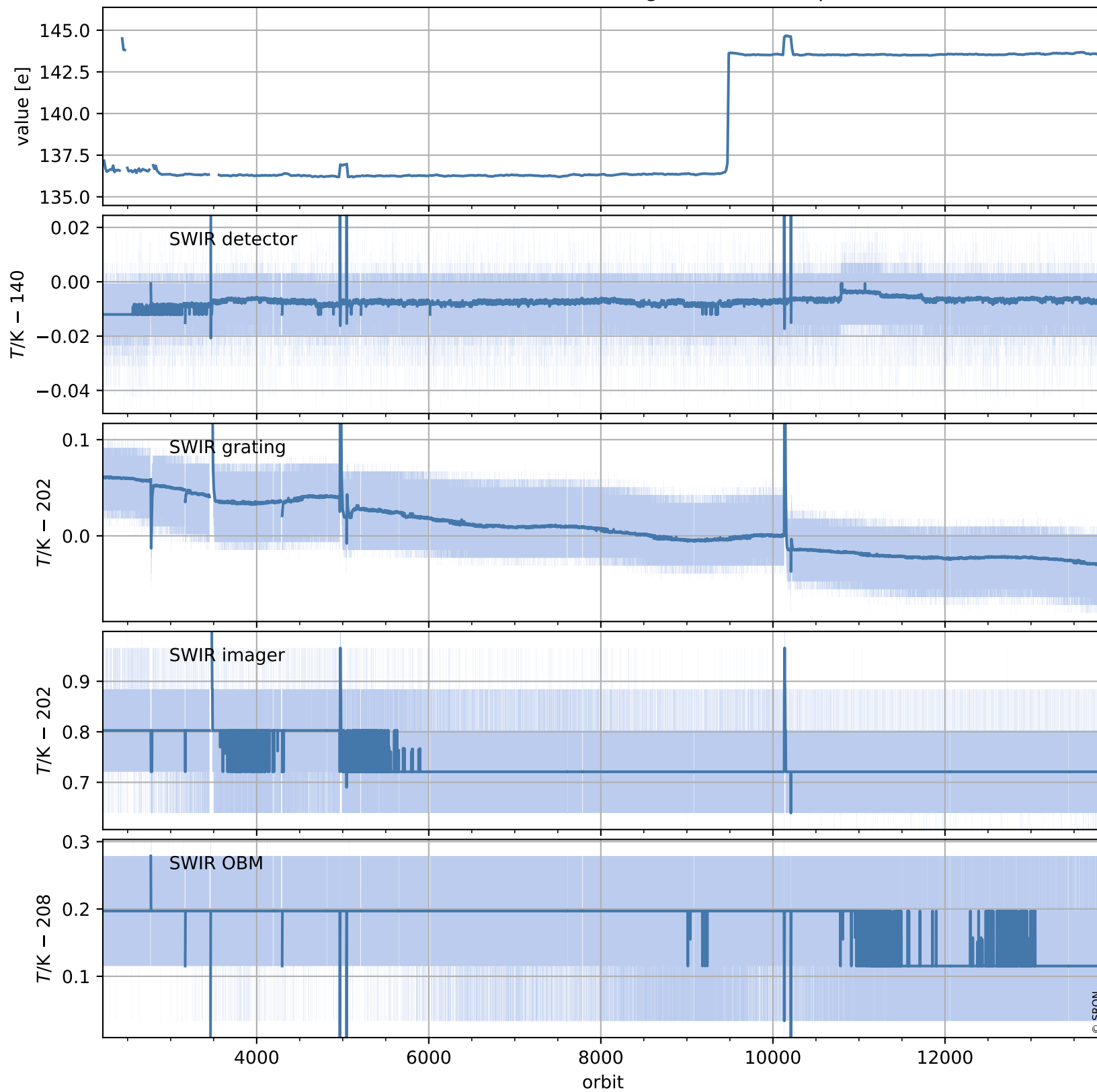
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13837]
coverage : 2018-03-18 / 2020-06-14
created : 2023-08-21T15:33:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13837]
coverage : 2018-03-18 / 2020-06-14
created : 2023-08-21T15:33:18

trend of normalized read-noise & temperatures

