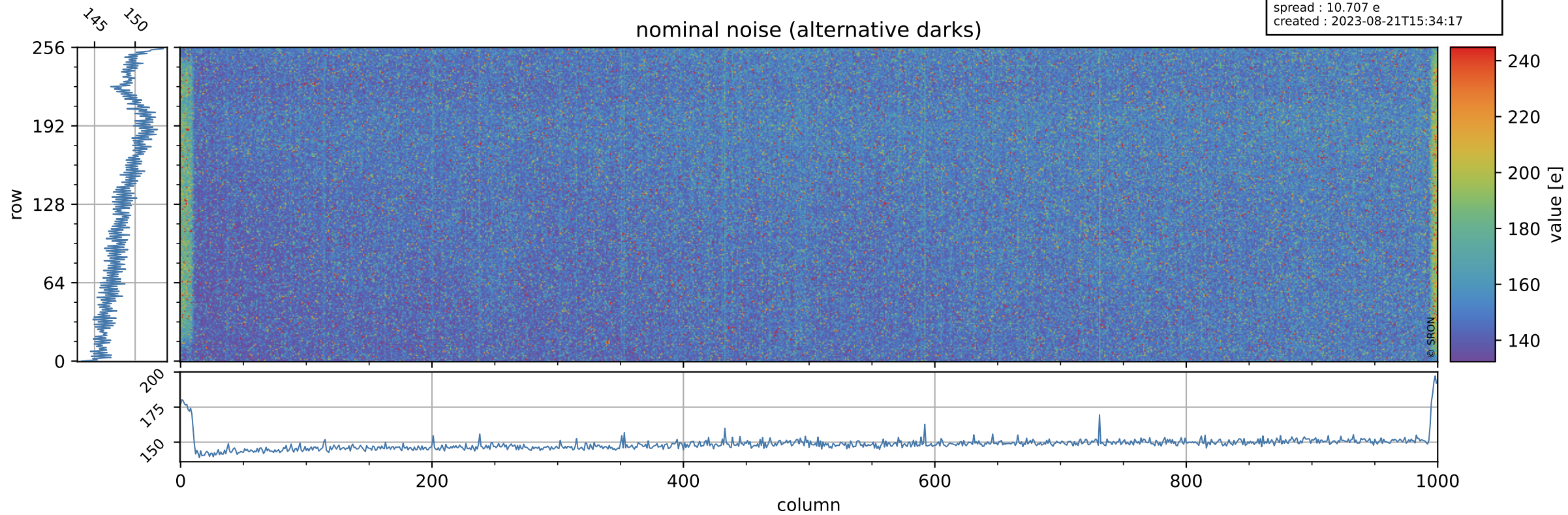


Tropomi SWIR background noise (swir)

orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.707 e
created : 2023-08-21T15:34:17

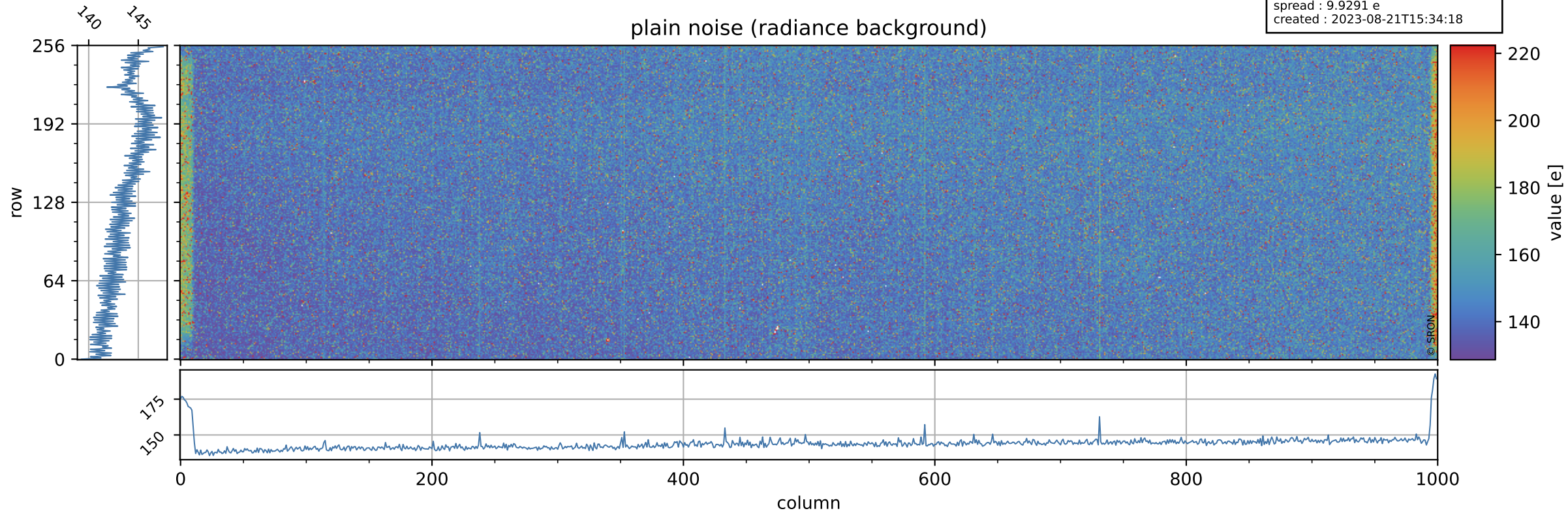
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.9291 e
created : 2023-08-21T15:34:18

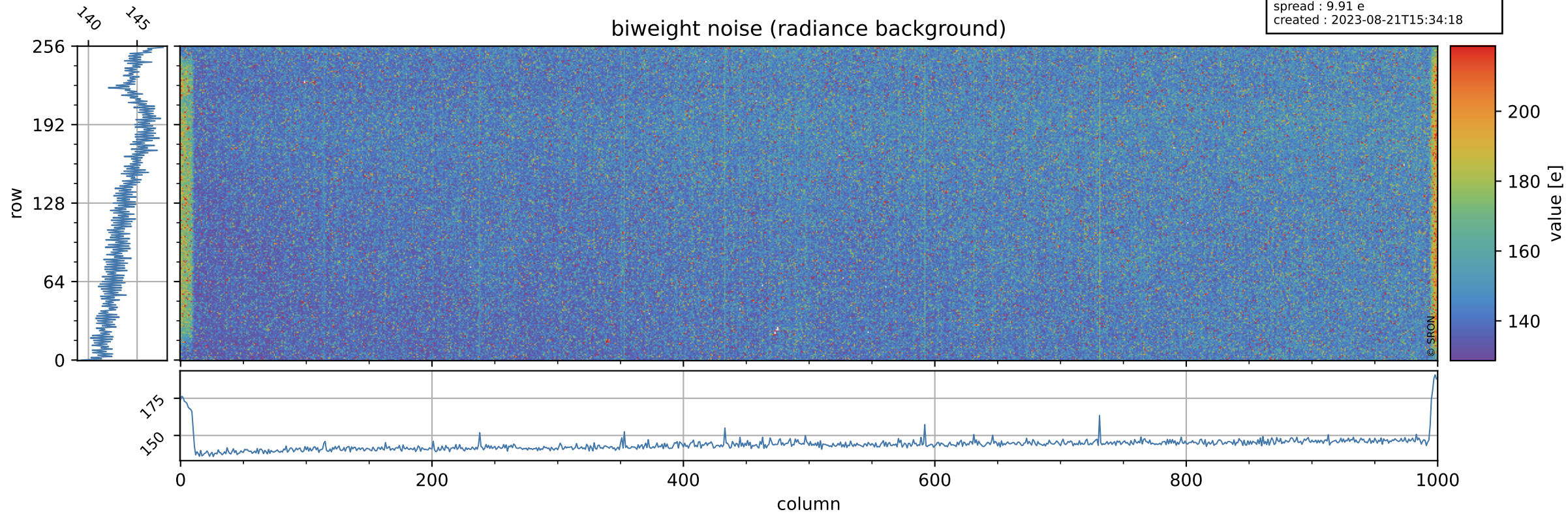
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.91 e
created : 2023-08-21T15:34:18

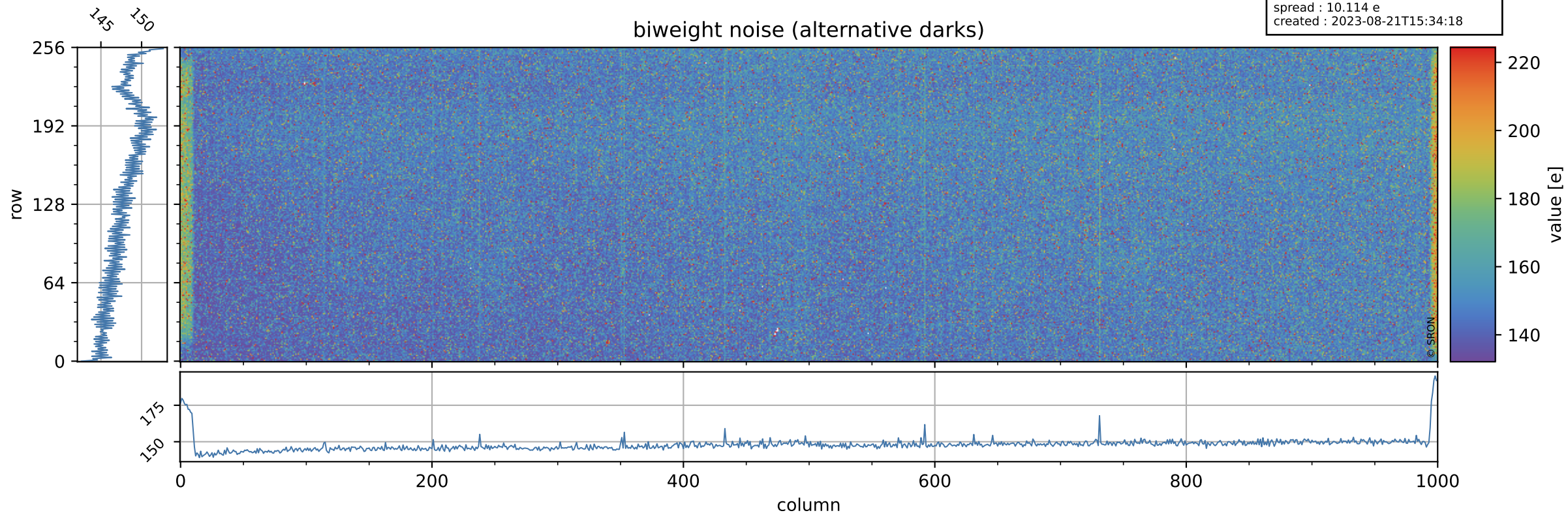
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.114 e
created : 2023-08-21T15:34:18

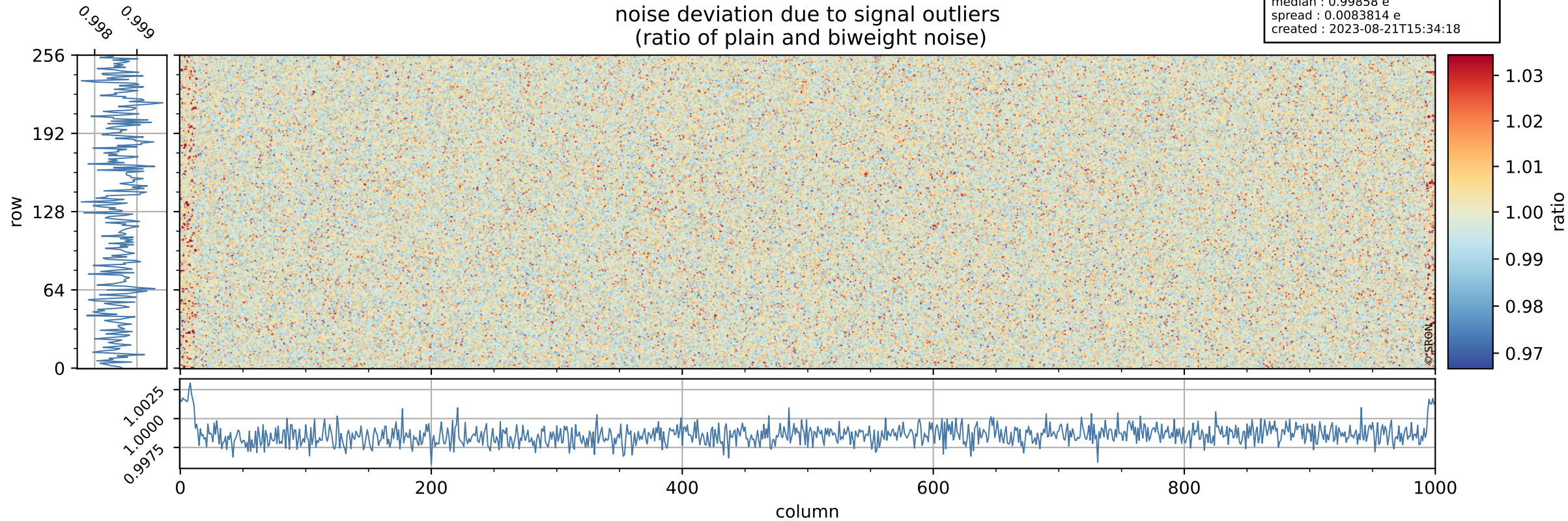
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

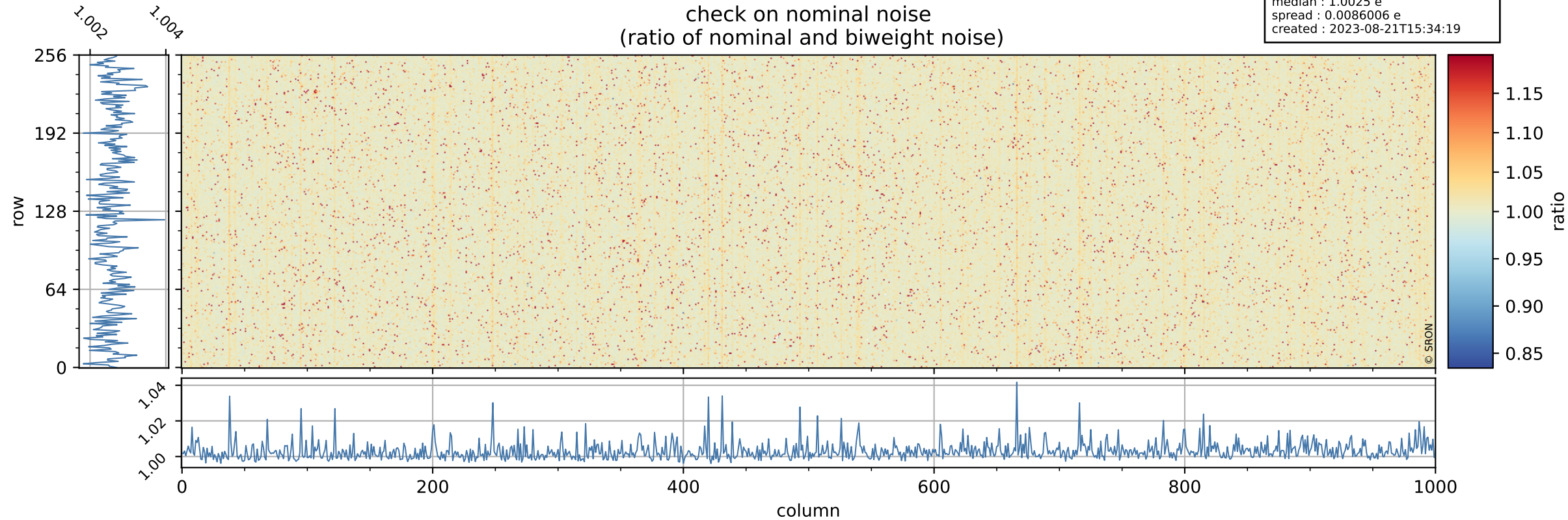
orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
median : 0.99858 e
spread : 0.0083814 e
created : 2023-08-21T15:34:18



Tropomi SWIR background noise (swir)

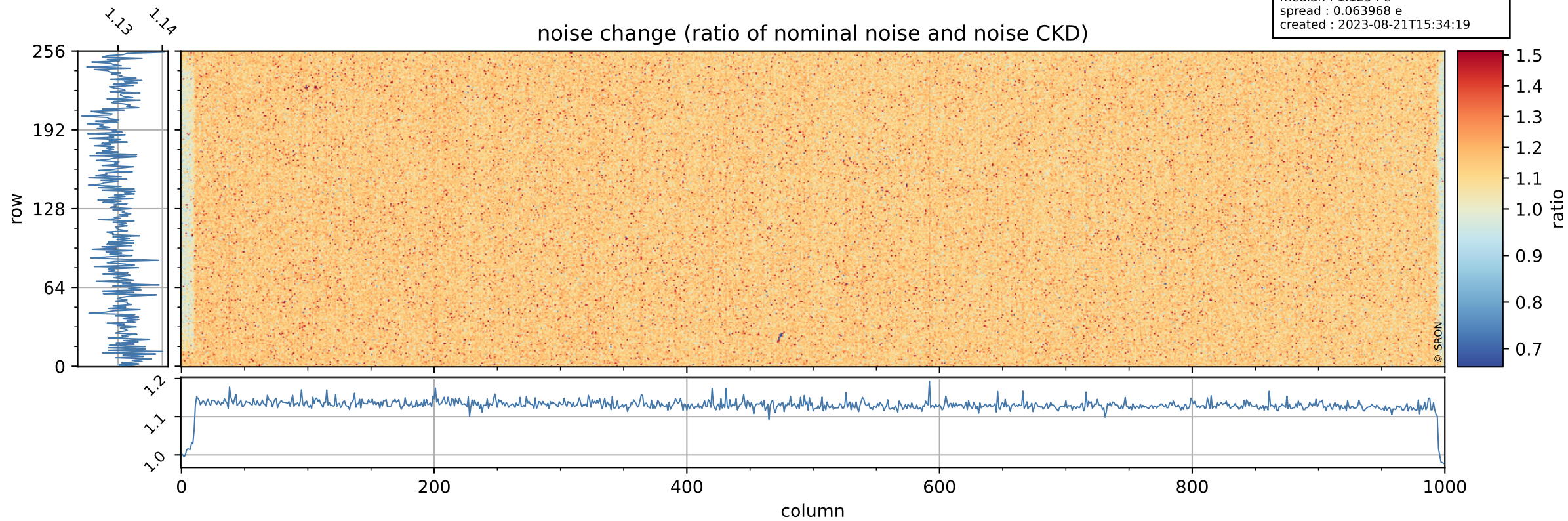
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
median : 1.0025 e
spread : 0.0086006 e
created : 2023-08-21T15:34:19



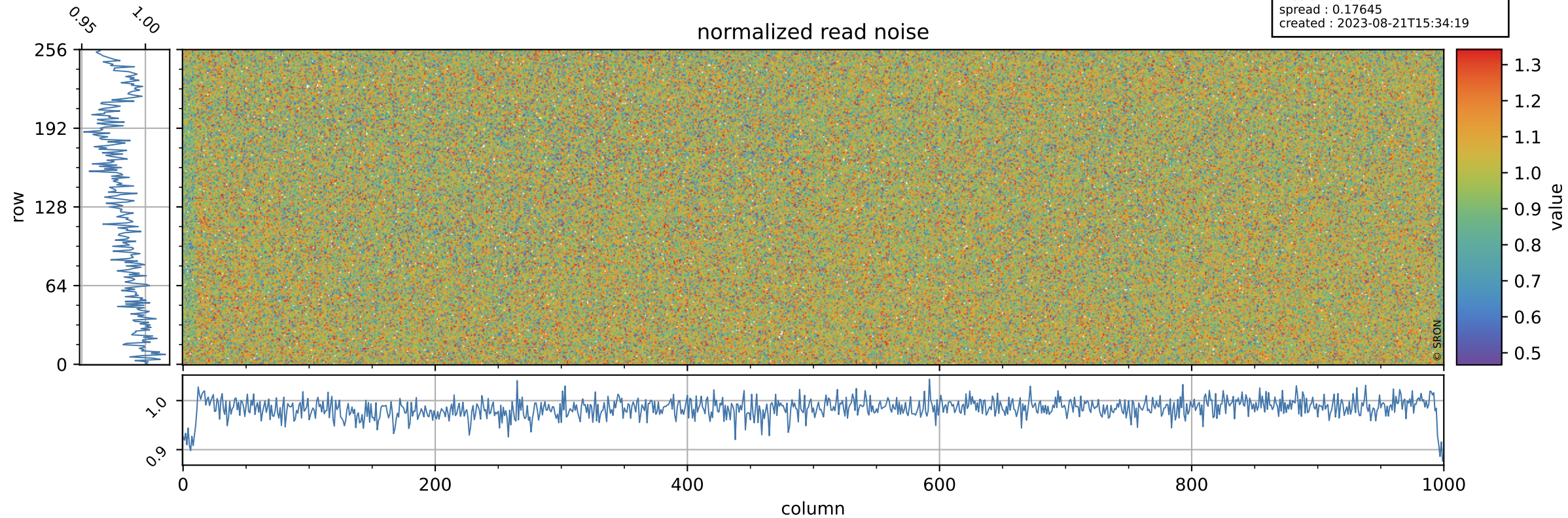
Tropomi SWIR background noise (swir)

orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
median : 1.1294 e
spread : 0.063968 e
created : 2023-08-21T15:34:19



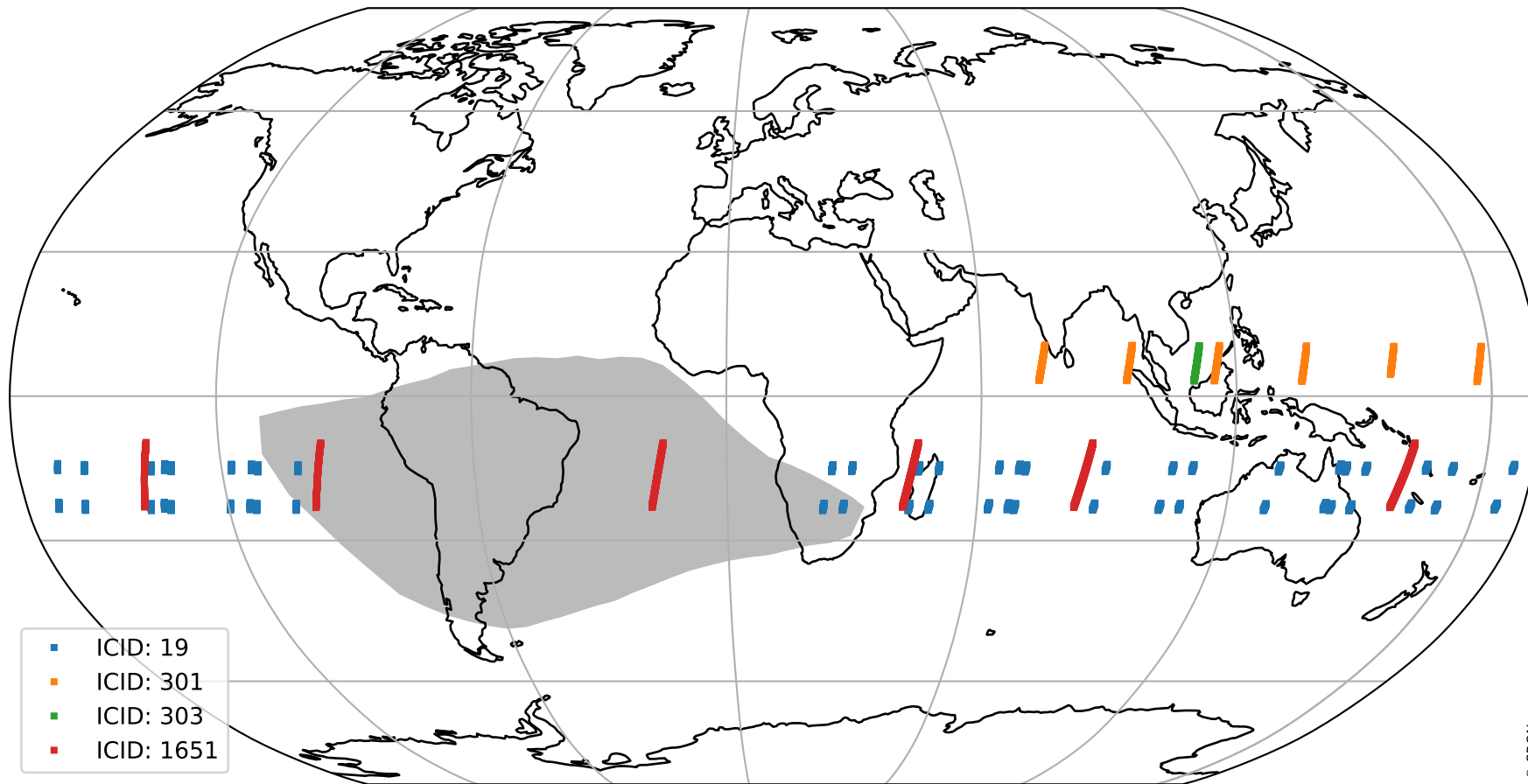
Tropomi SWIR background noise (swir)

orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
median : 0.98271
spread : 0.17645
created : 2023-08-21T15:34:19



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

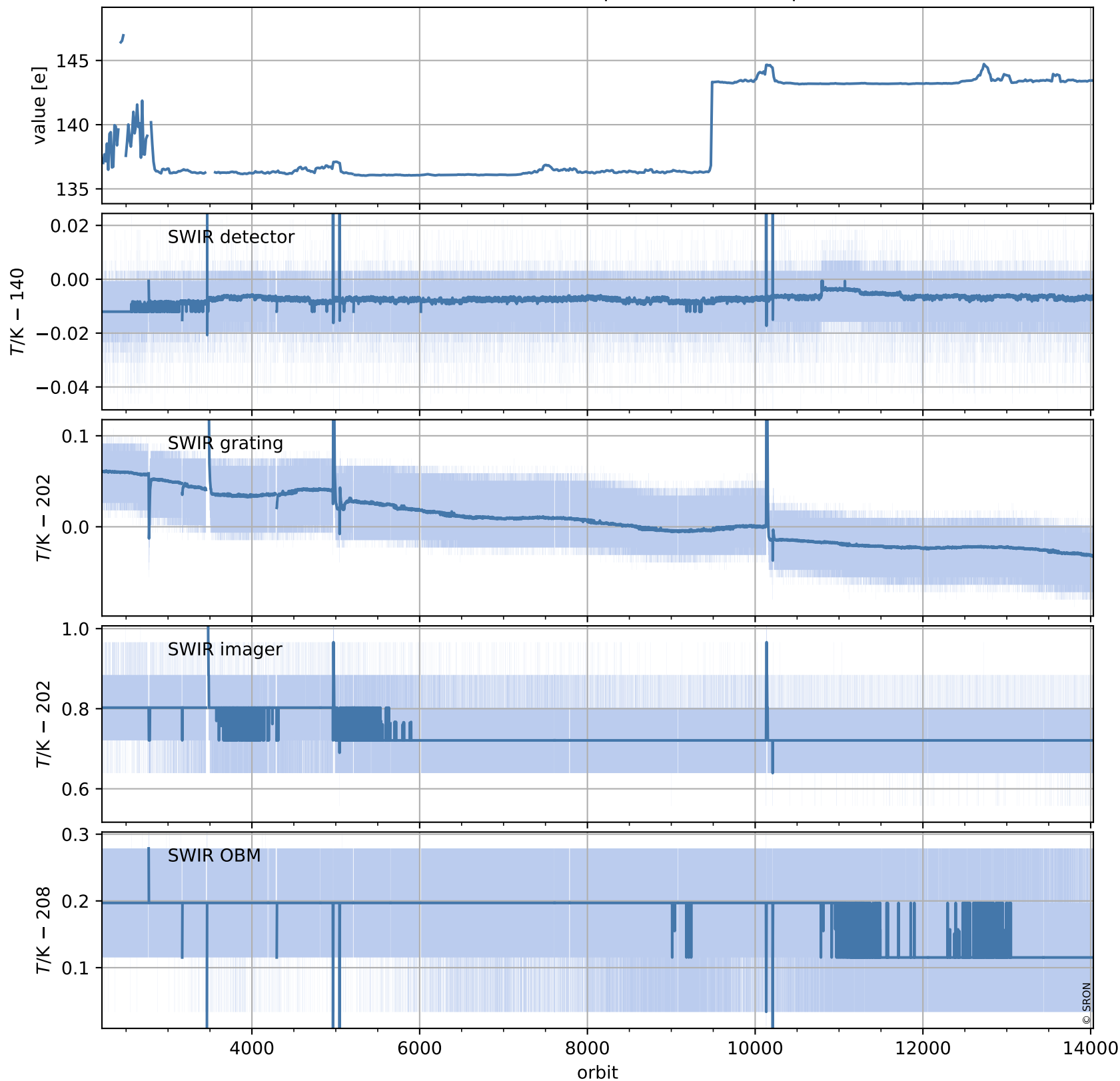
orbits : 13 in [13942, 14032]
coverage : 2020-06-22 / 2020-06-27
created : 2023-08-21T15:34:20



Tropomi SWIR background noise (swir)

orbits : [2212, 14032]
coverage : 2018-03-18 / 2020-06-27
created : 2023-08-21T15:34:20

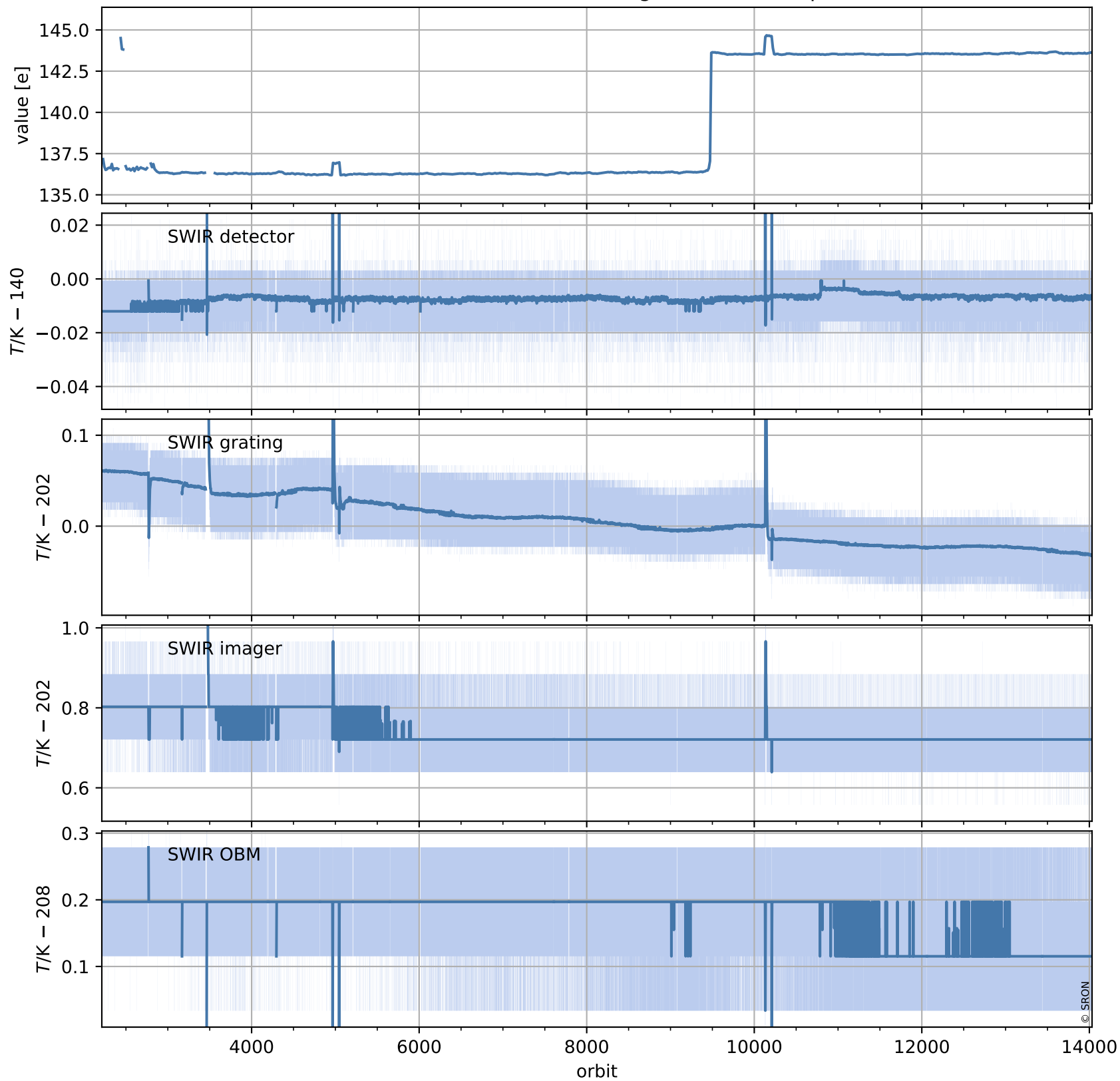
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14032]
coverage : 2018-03-18 / 2020-06-27
created : 2023-08-21T15:34:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14032]
coverage : 2018-03-18 / 2020-06-27
created : 2023-08-21T15:34:21

trend of normalized read-noise & temperatures

