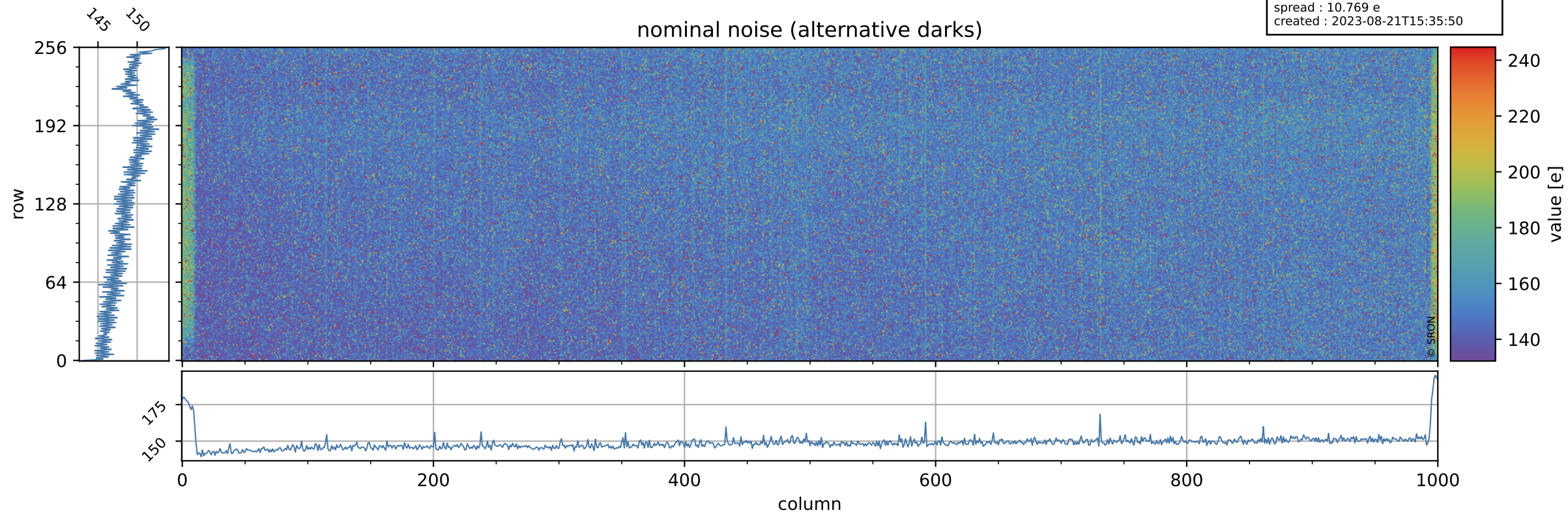


Tropomi SWIR background noise (swir)

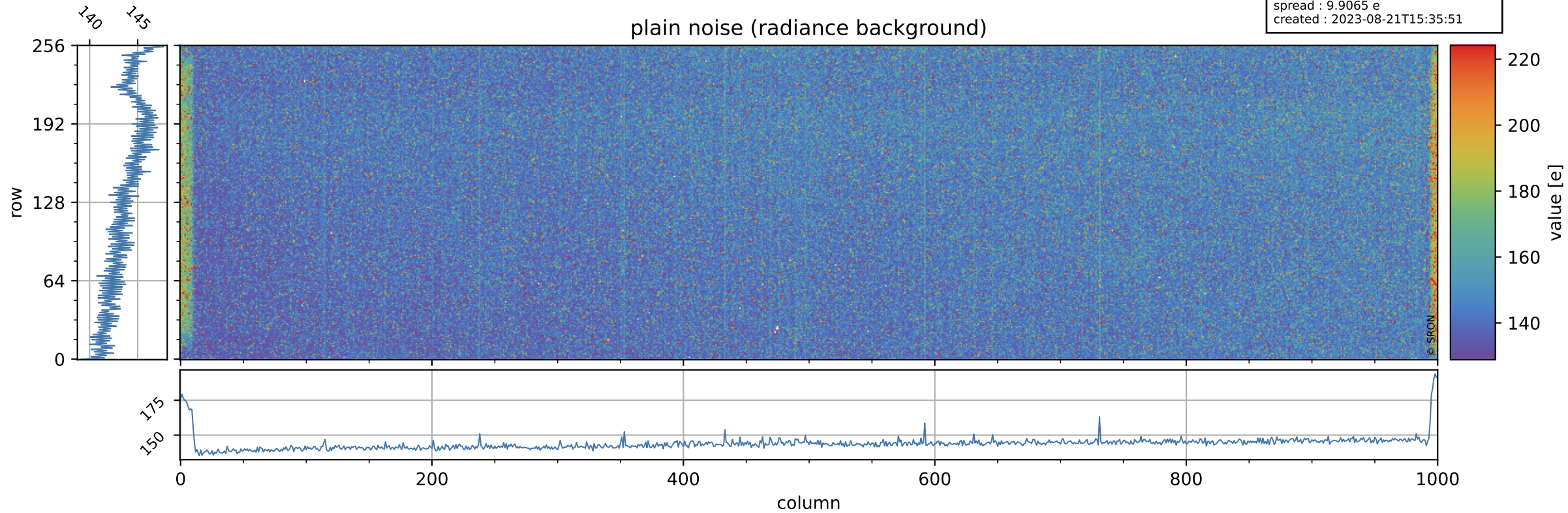
orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.769 e
created : 2023-08-21T15:35:50



Tropomi SWIR background noise (swir)

orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 9.9065 e
created : 2023-08-21T15:35:51

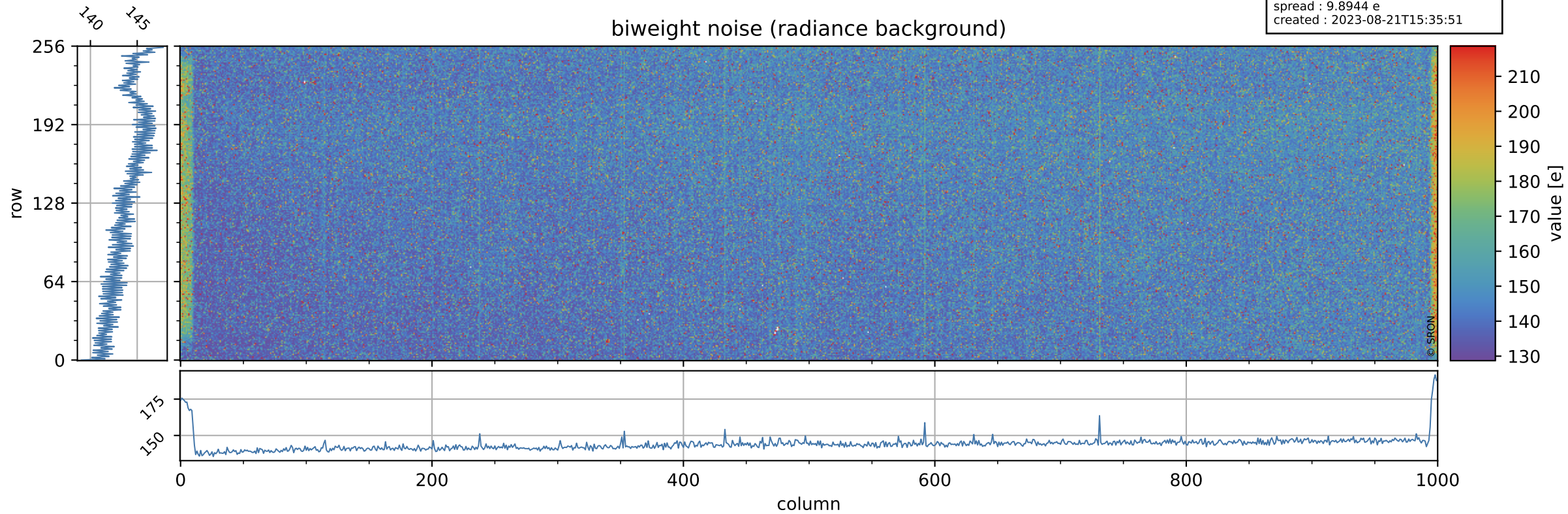
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.8944 e
created : 2023-08-21T15:35:51

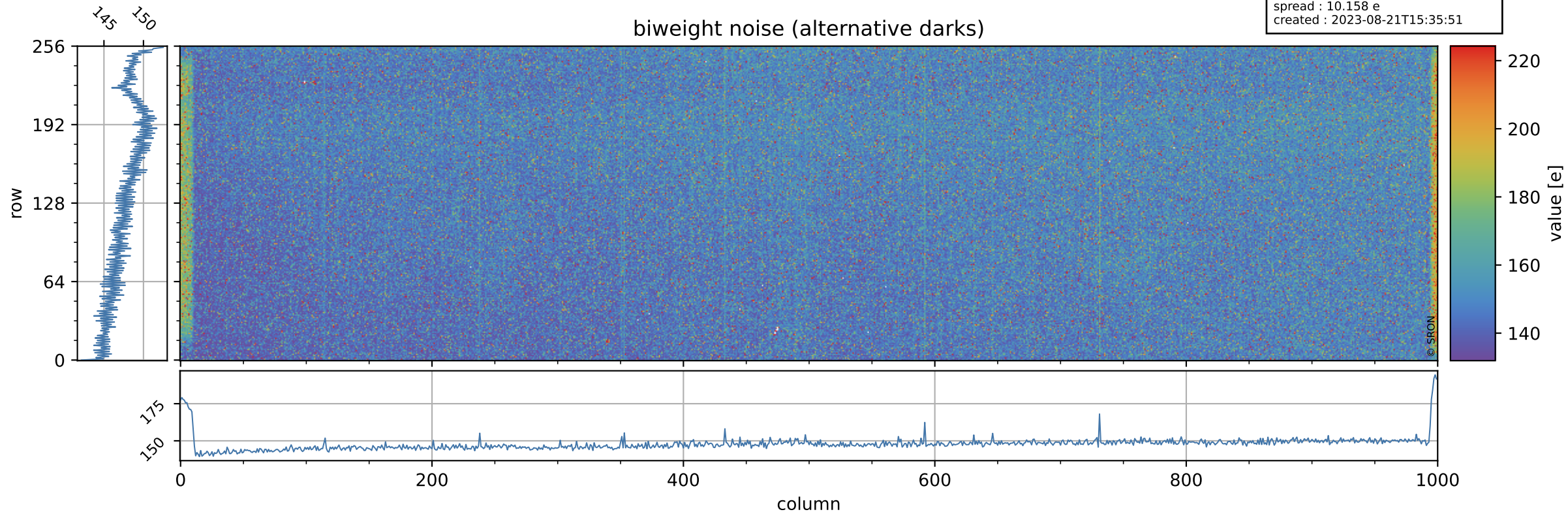
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.158 e
created : 2023-08-21T15:35:51

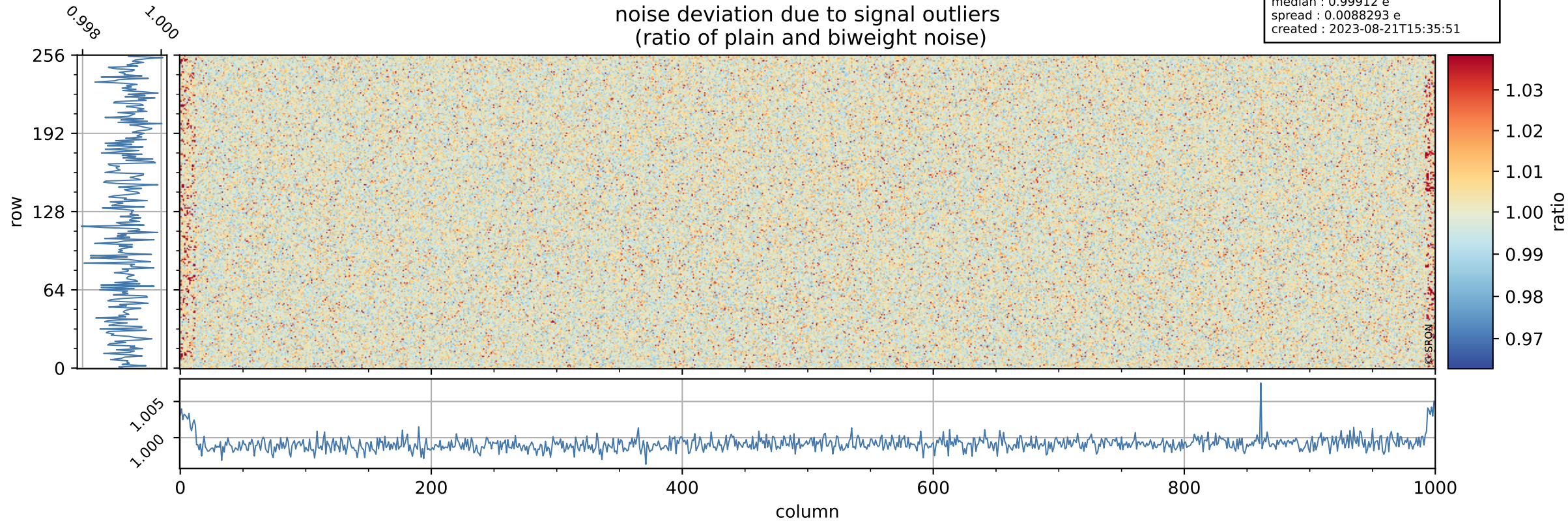
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

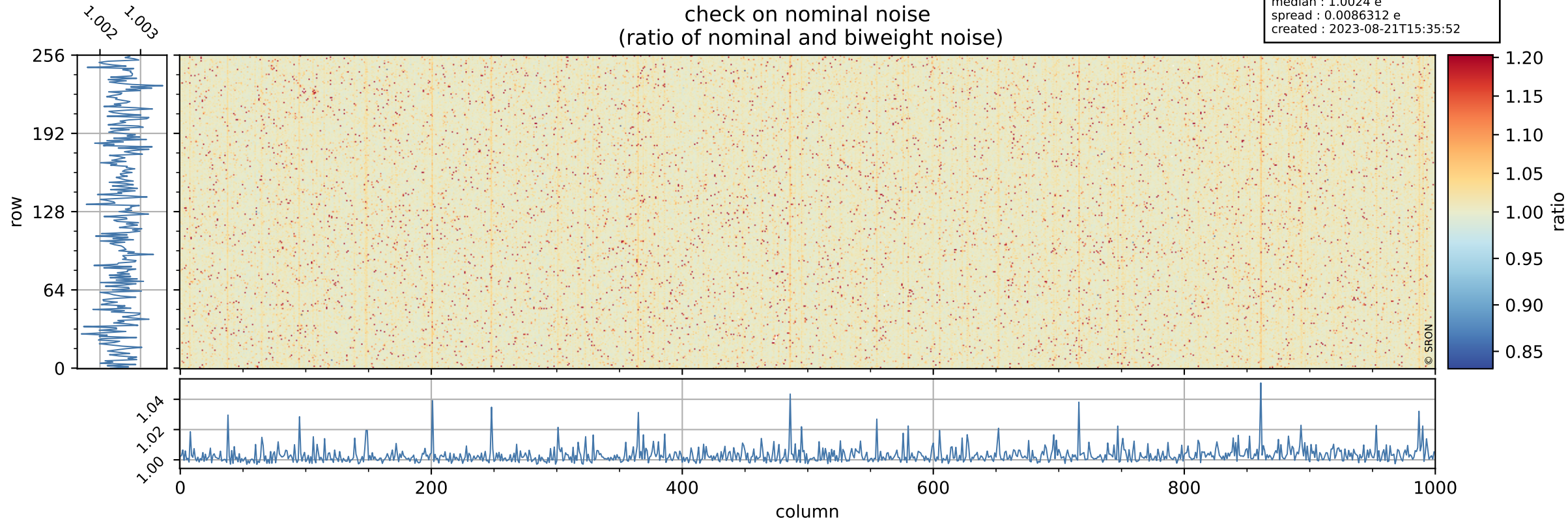
orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
median : 0.99912 e
spread : 0.0088293 e
created : 2023-08-21T15:35:51



Tropomi SWIR background noise (swir)

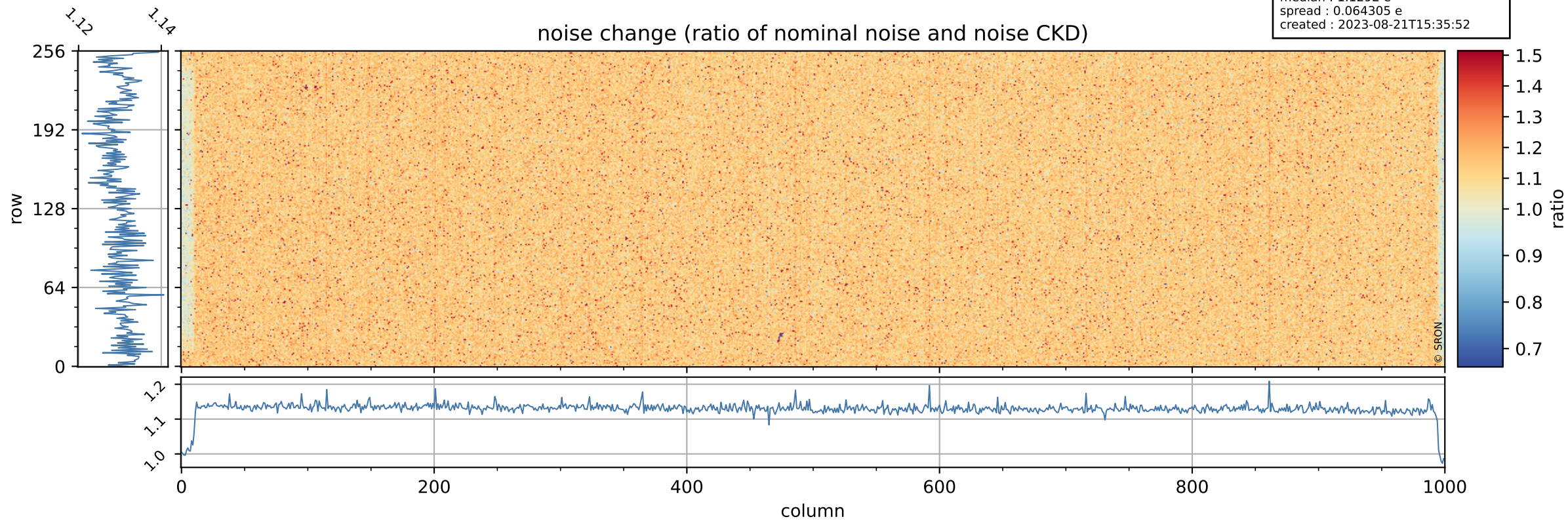
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
median : 1.0024 e
spread : 0.0086312 e
created : 2023-08-21T15:35:52



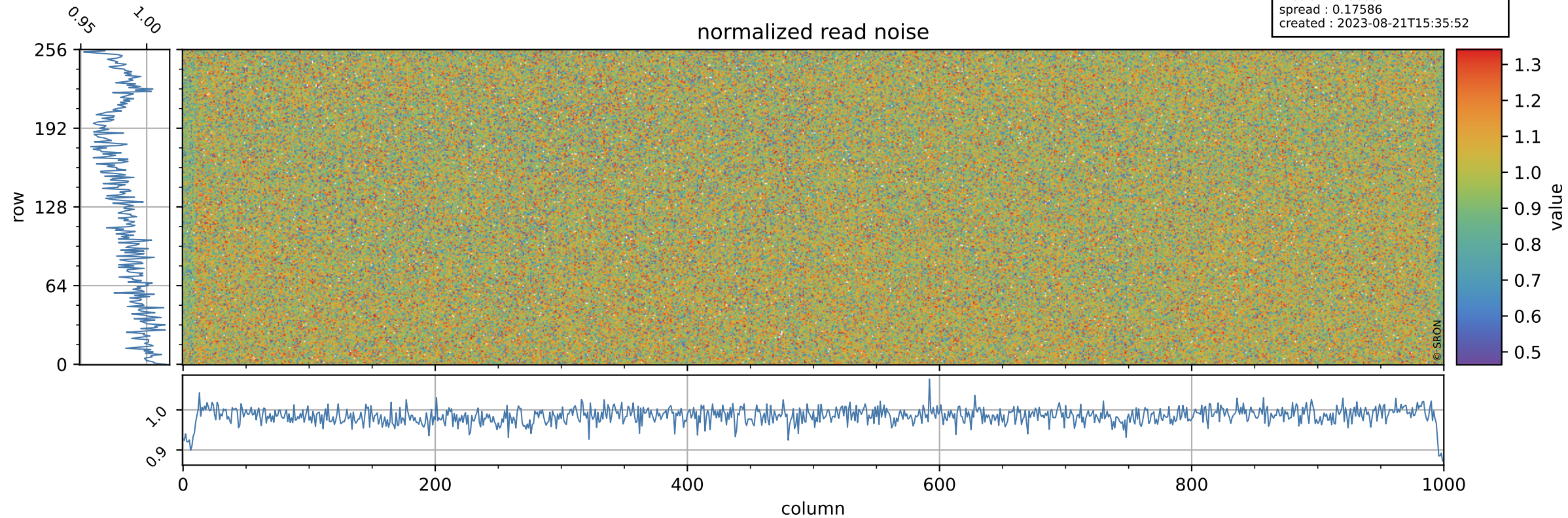
Tropomi SWIR background noise (swir)

orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
median : 1.1292 e
spread : 0.064305 e
created : 2023-08-21T15:35:52



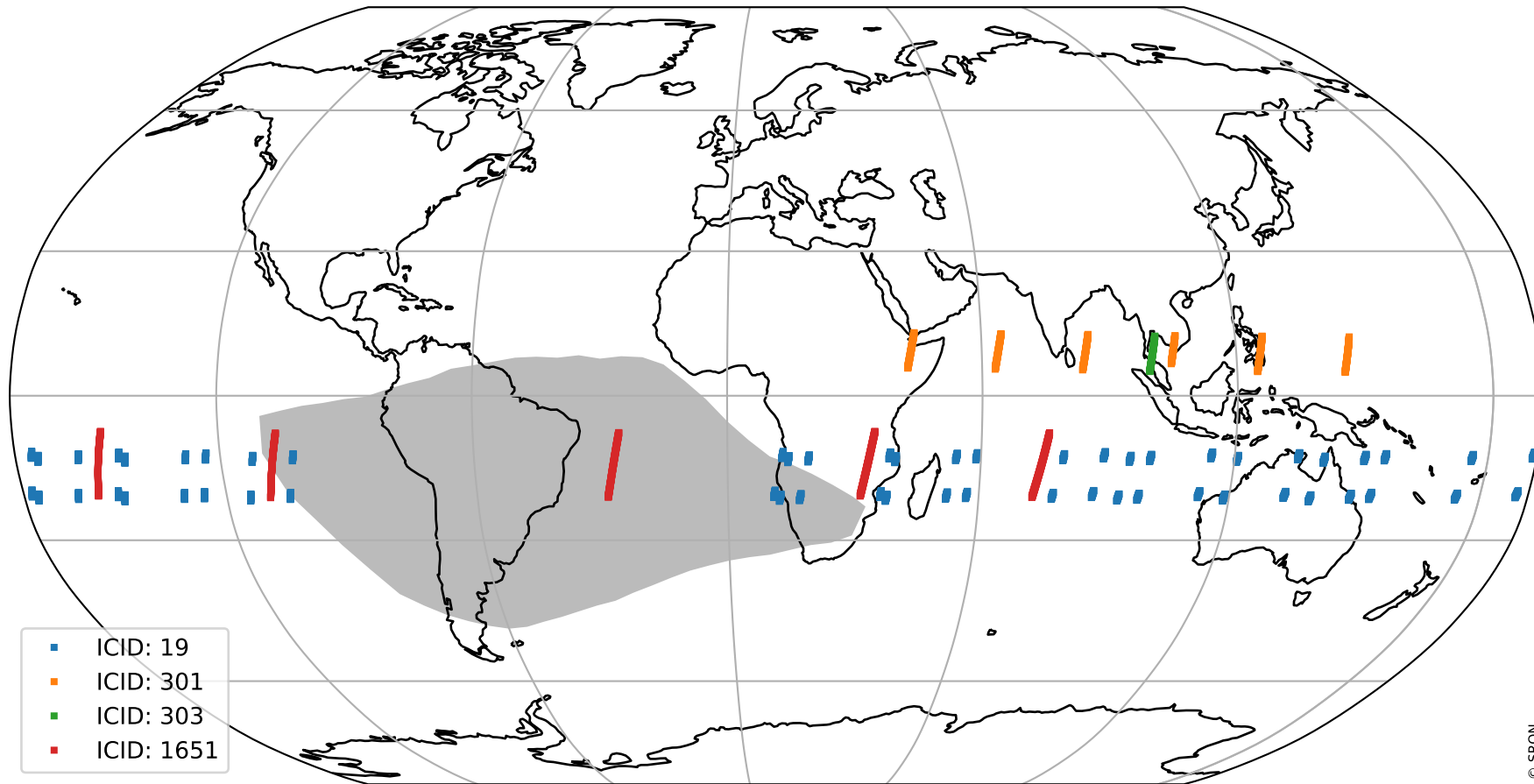
Tropomi SWIR background noise (swir)

orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
median : 0.98354
spread : 0.17586
created : 2023-08-21T15:35:52



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

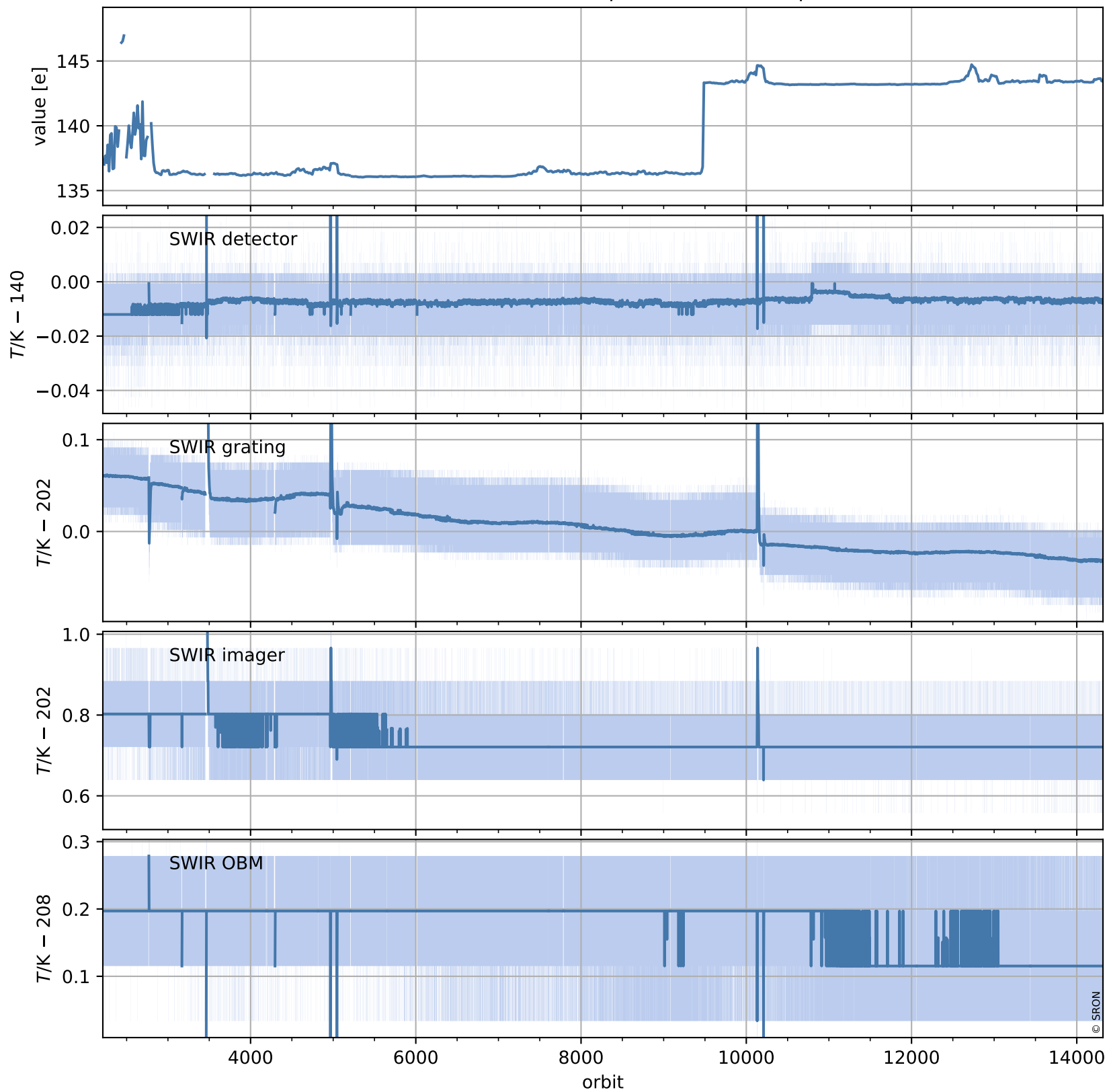
orbits : 12 in [14242, 14317]
coverage : 2020-07-12 / 2020-07-17
created : 2023-08-21T15:35:53



Tropomi SWIR background noise (swir)

orbits : [2212, 14317]
coverage : 2018-03-18 / 2020-07-17
created : 2023-08-21T15:35:53

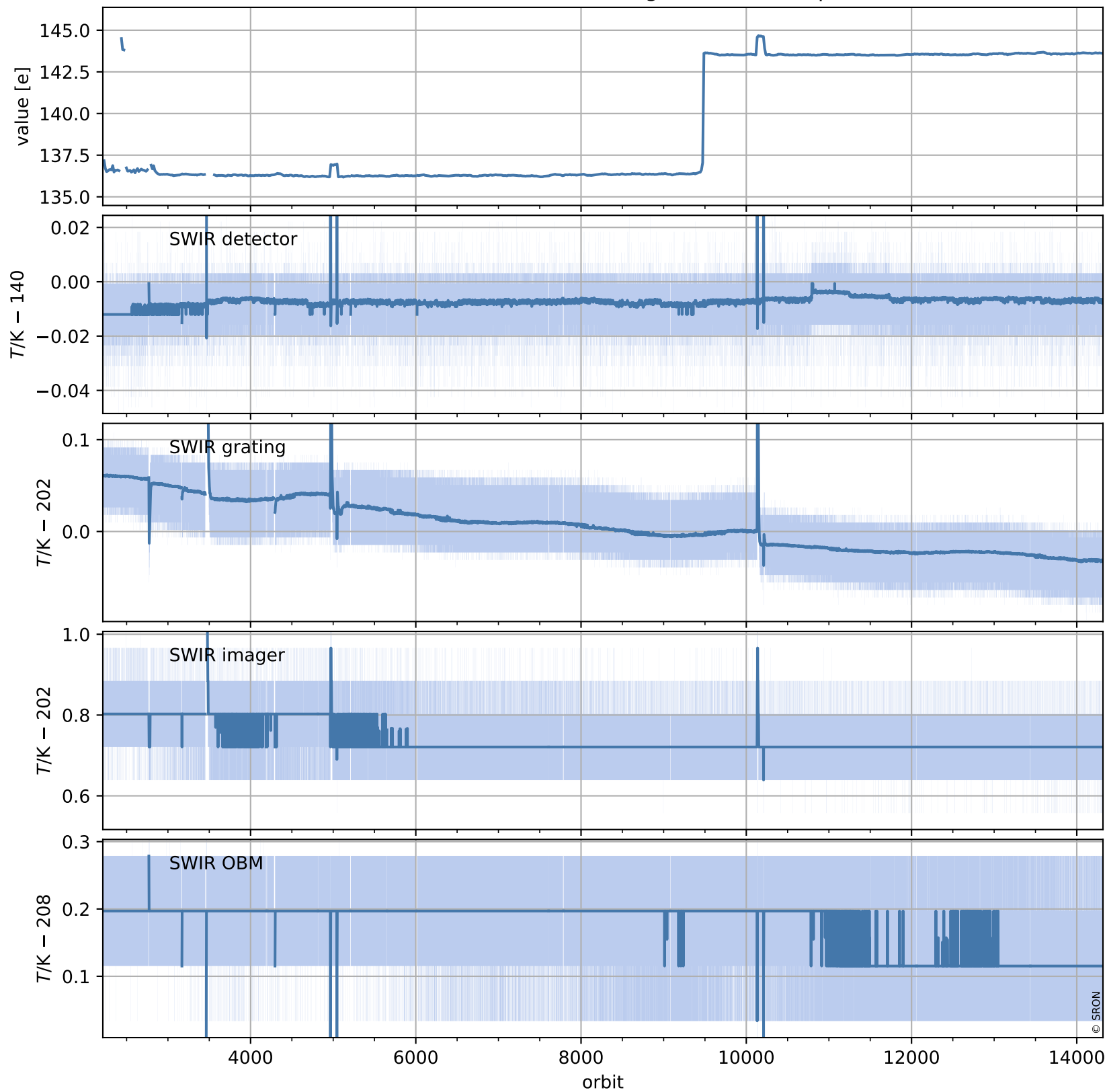
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14317]
coverage : 2018-03-18 / 2020-07-17
created : 2023-08-21T15:35:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14317]
coverage : 2018-03-18 / 2020-07-17
created : 2023-08-21T15:35:54

trend of normalized read-noise & temperatures

