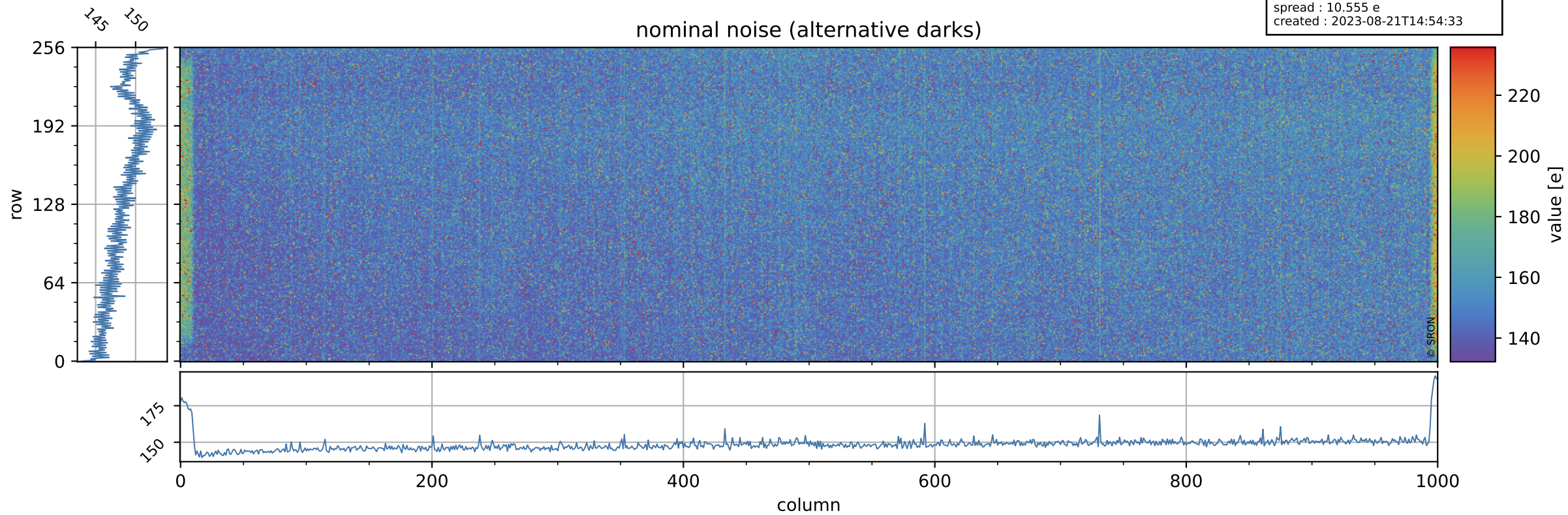


Tropomi SWIR background noise (swir)

orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.555 e
created : 2023-08-21T14:54:33

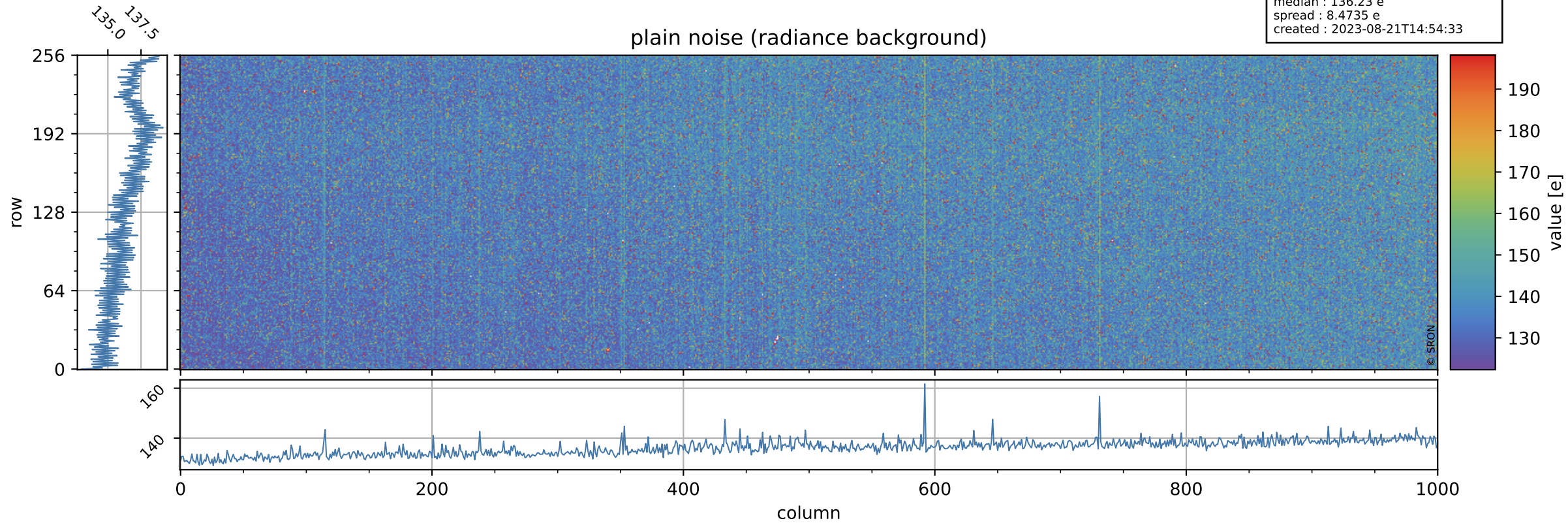
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.4735 e
created : 2023-08-21T14:54:33

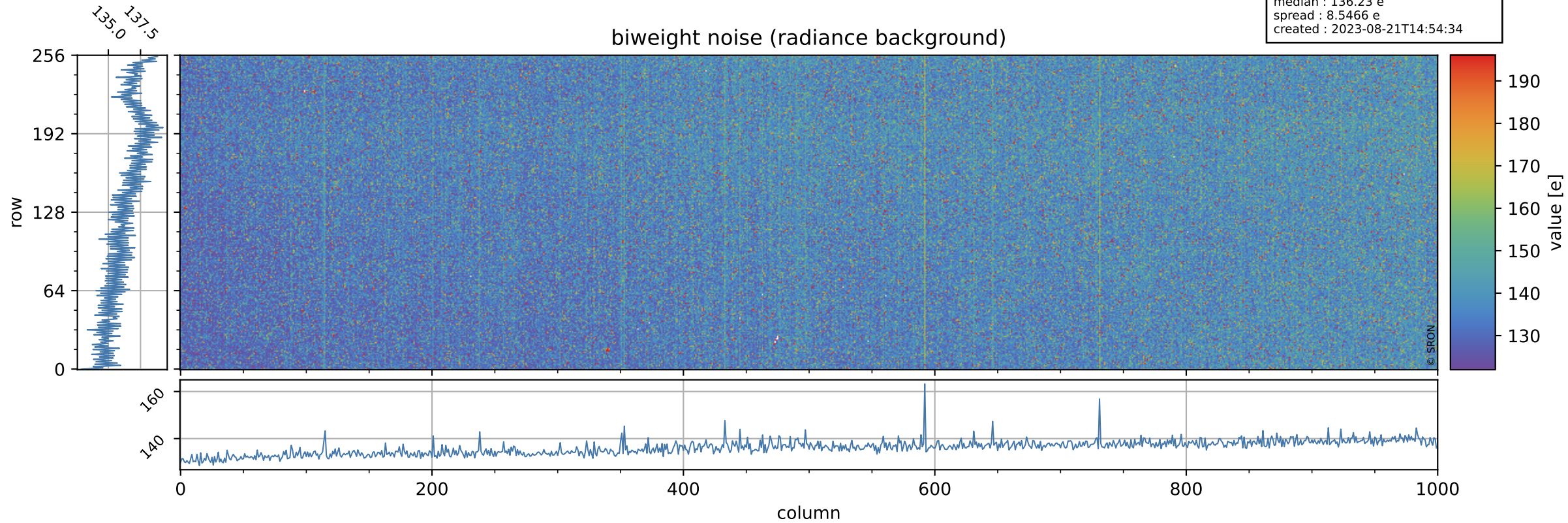
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.5466 e
created : 2023-08-21T14:54:34

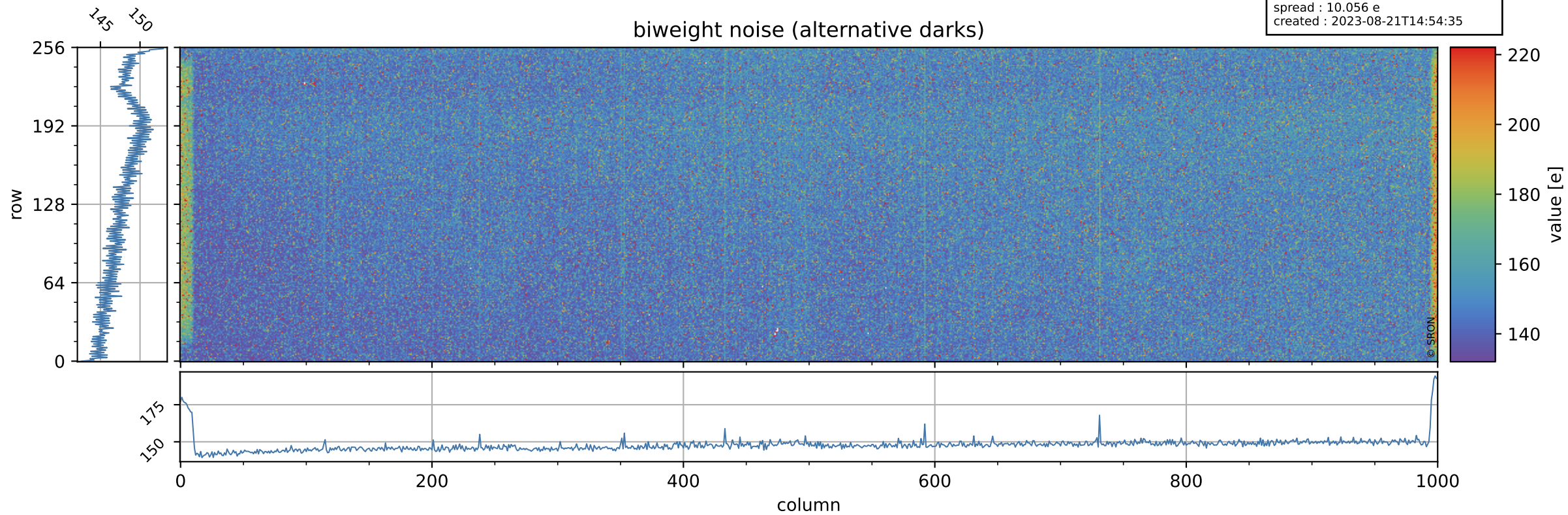
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.056 e
created : 2023-08-21T14:54:35

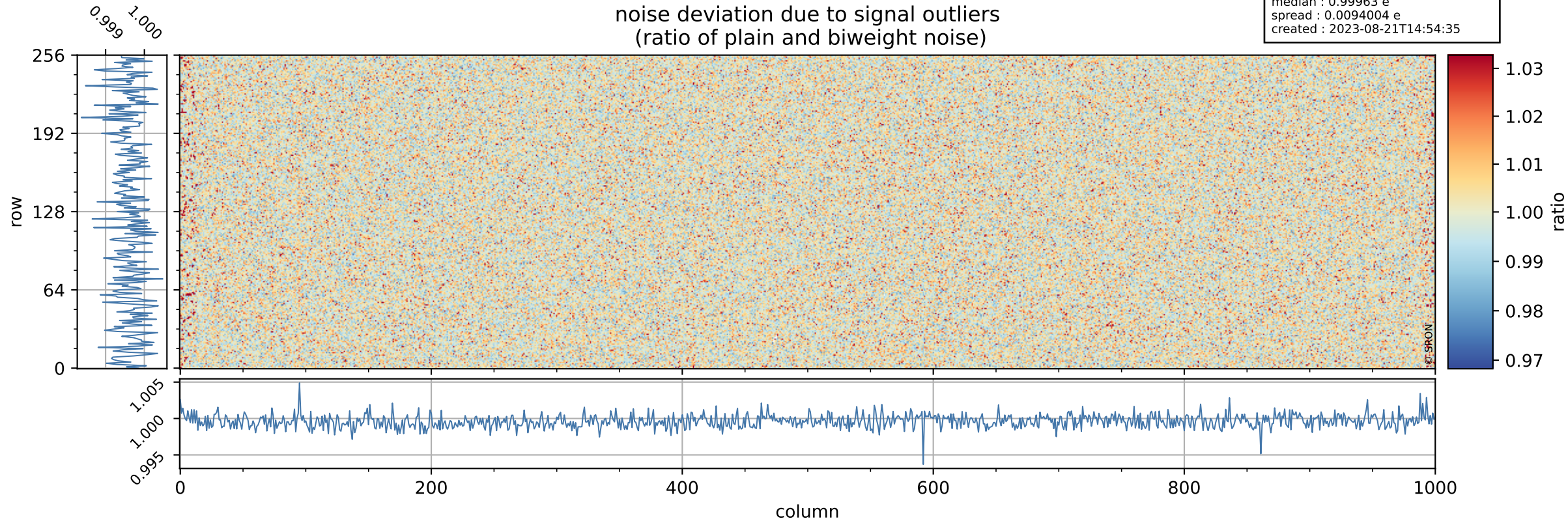
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

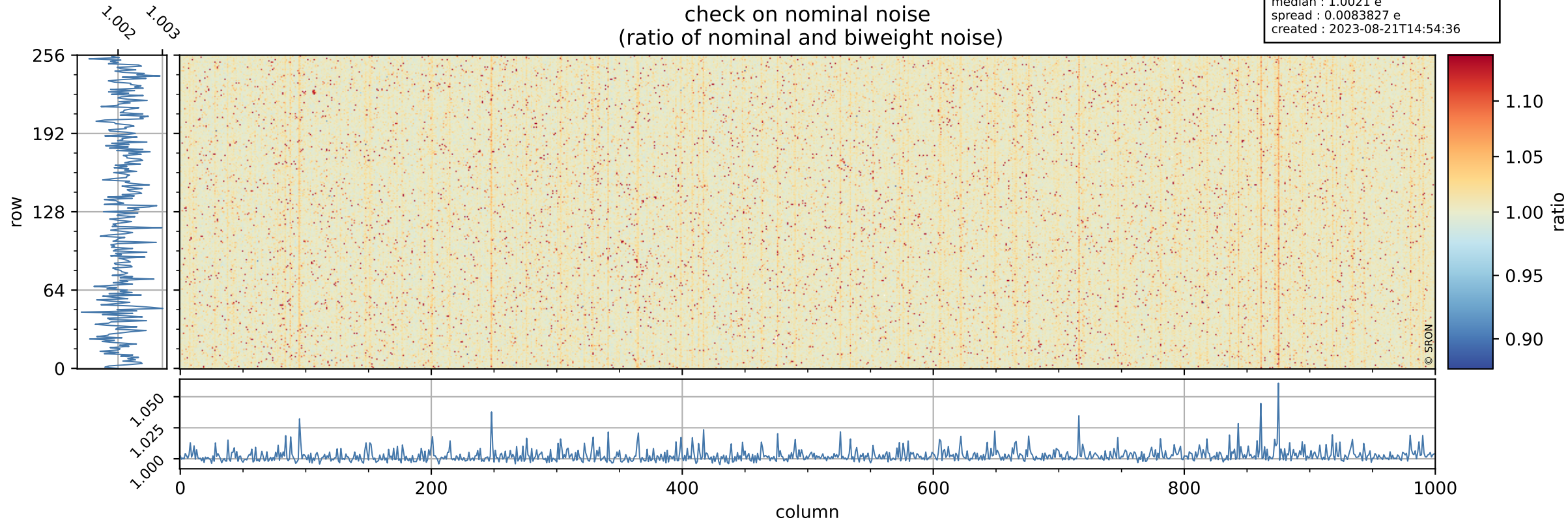
orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
median : 0.99963 e
spread : 0.0094004 e
created : 2023-08-21T14:54:35



Tropomi SWIR background noise (swir)

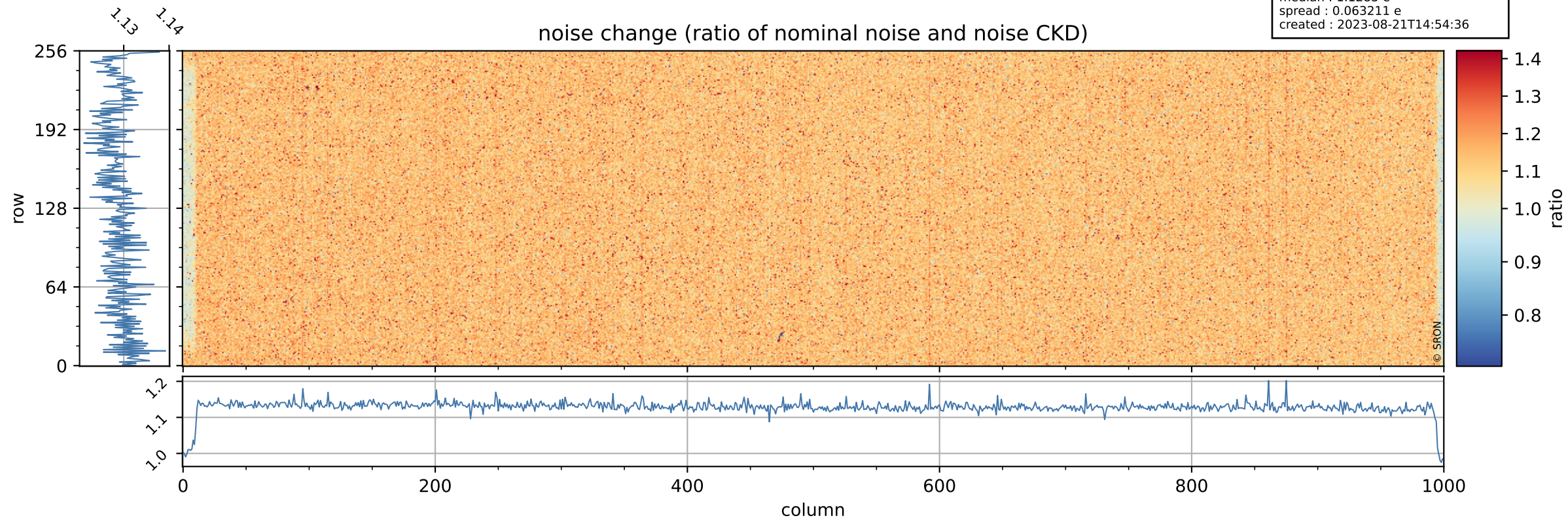
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
median : 1.0021 e
spread : 0.0083827 e
created : 2023-08-21T14:54:36



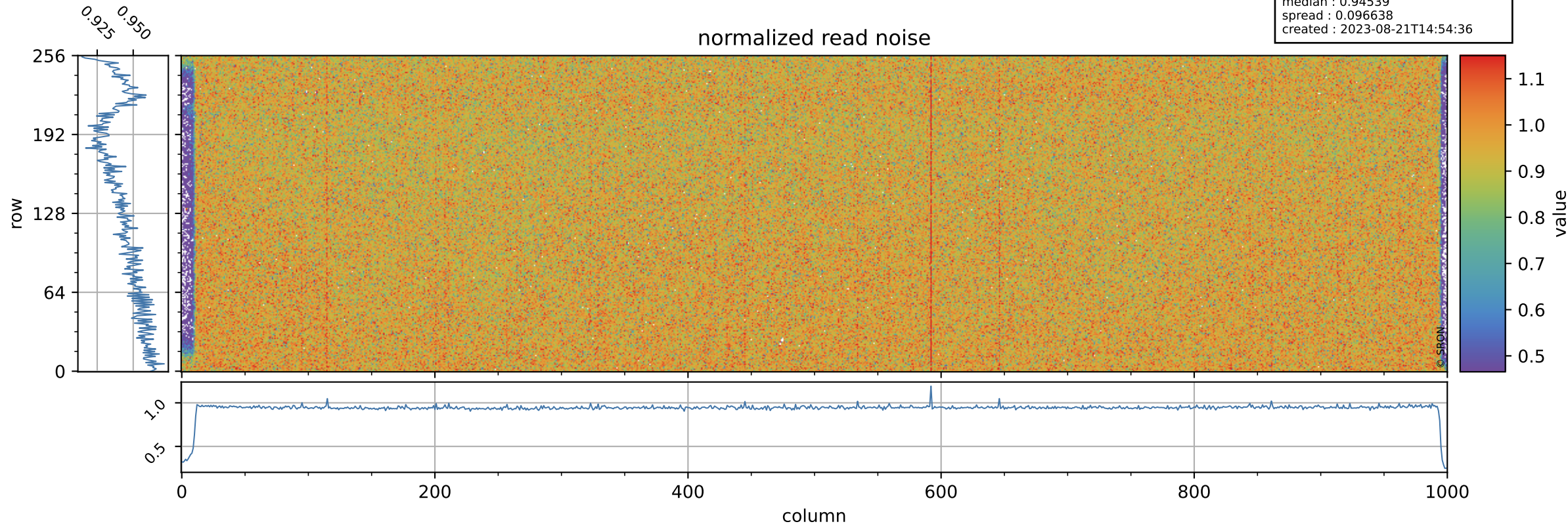
Tropomi SWIR background noise (swir)

orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
median : 1.1283 e
spread : 0.063211 e
created : 2023-08-21T14:54:36



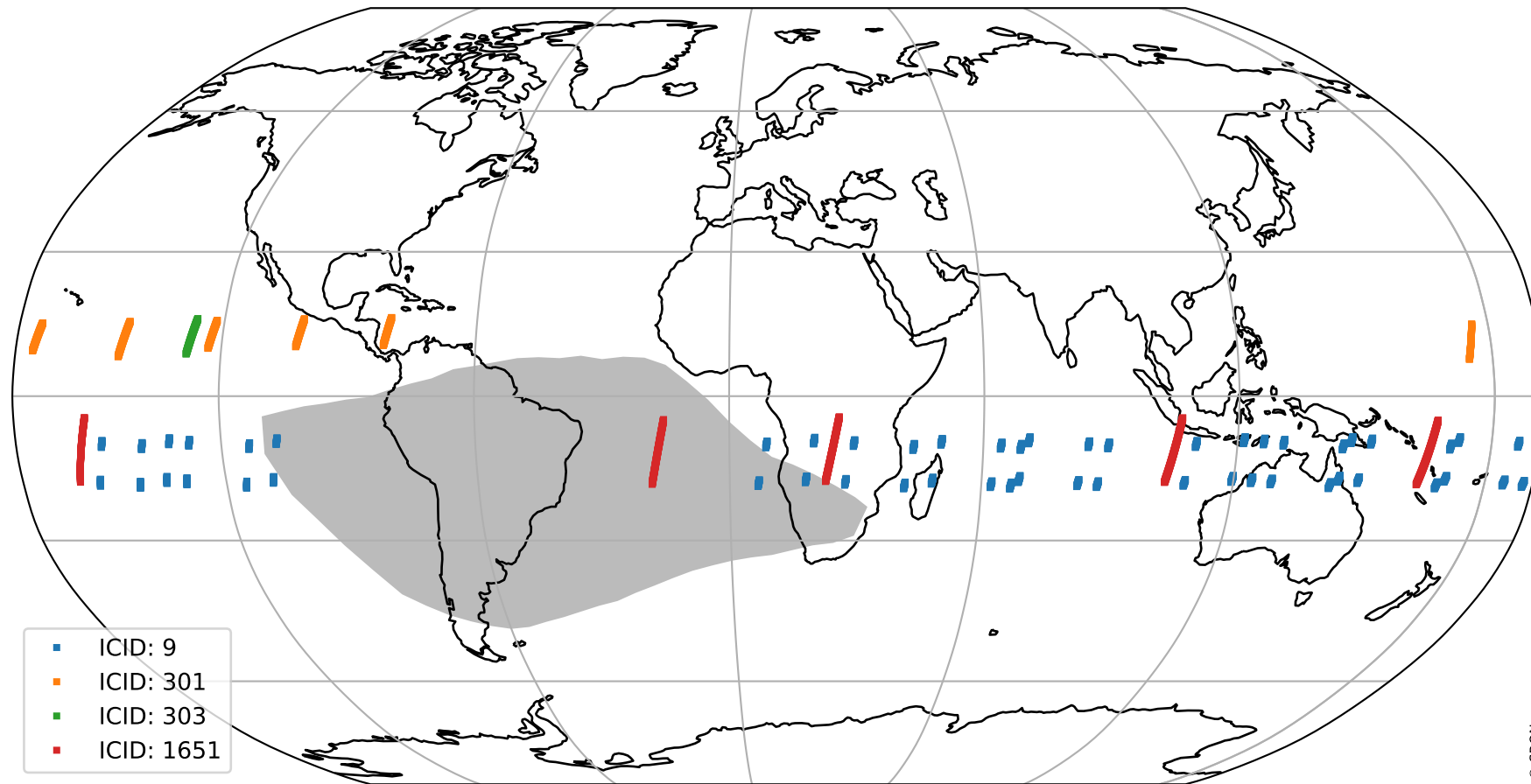
Tropomi SWIR background noise (swir)

orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
median : 0.94539
spread : 0.096638
created : 2023-08-21T14:54:36



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

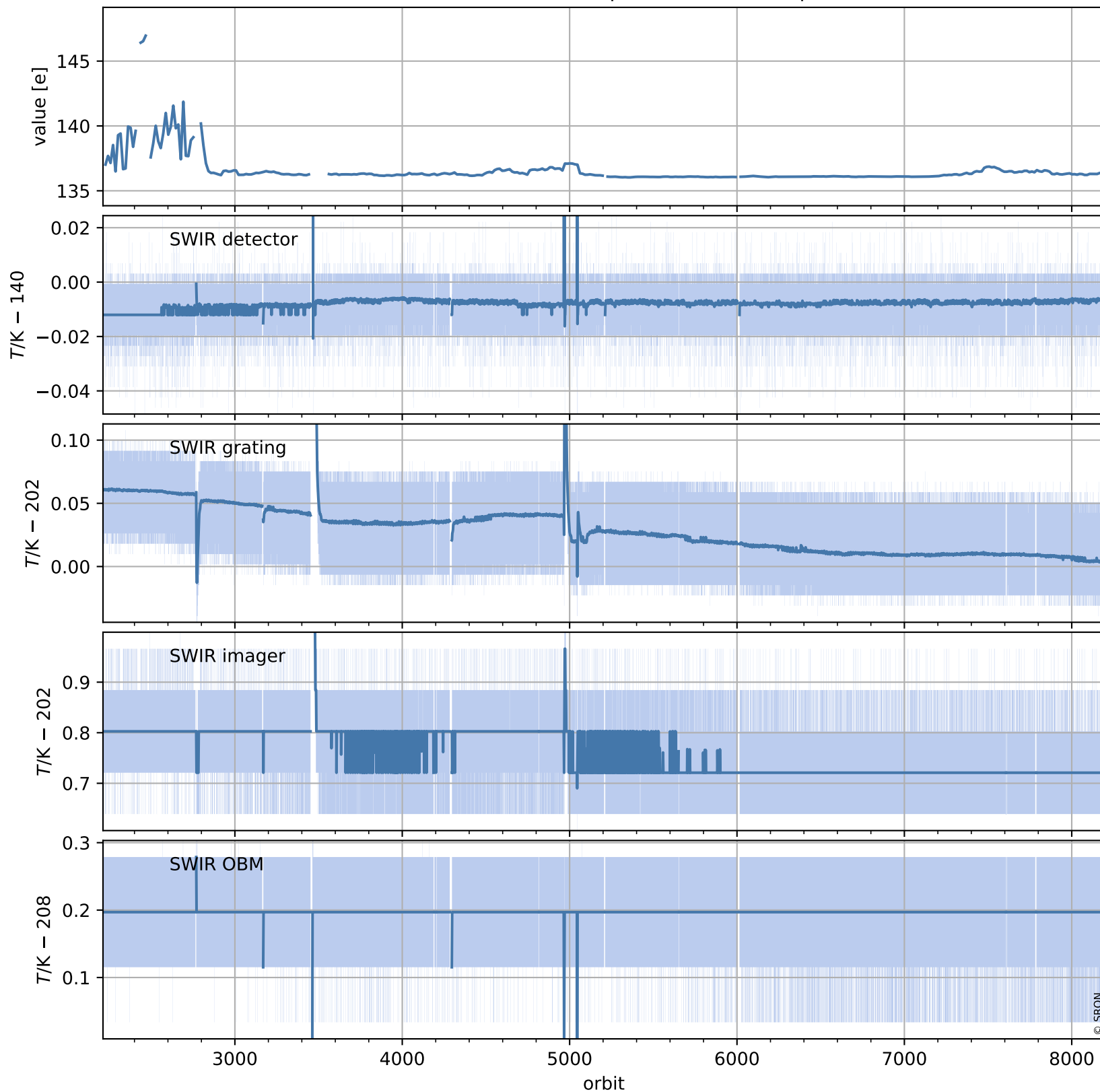
orbits : 12 in [8122, 8197]
coverage : 2019-05-08 / 2019-05-13
created : 2023-08-21T14:54:37



Tropomi SWIR background noise (swir)

orbits : [2212, 8197]
coverage : 2018-03-18 / 2019-05-13
created : 2023-08-21T14:54:37

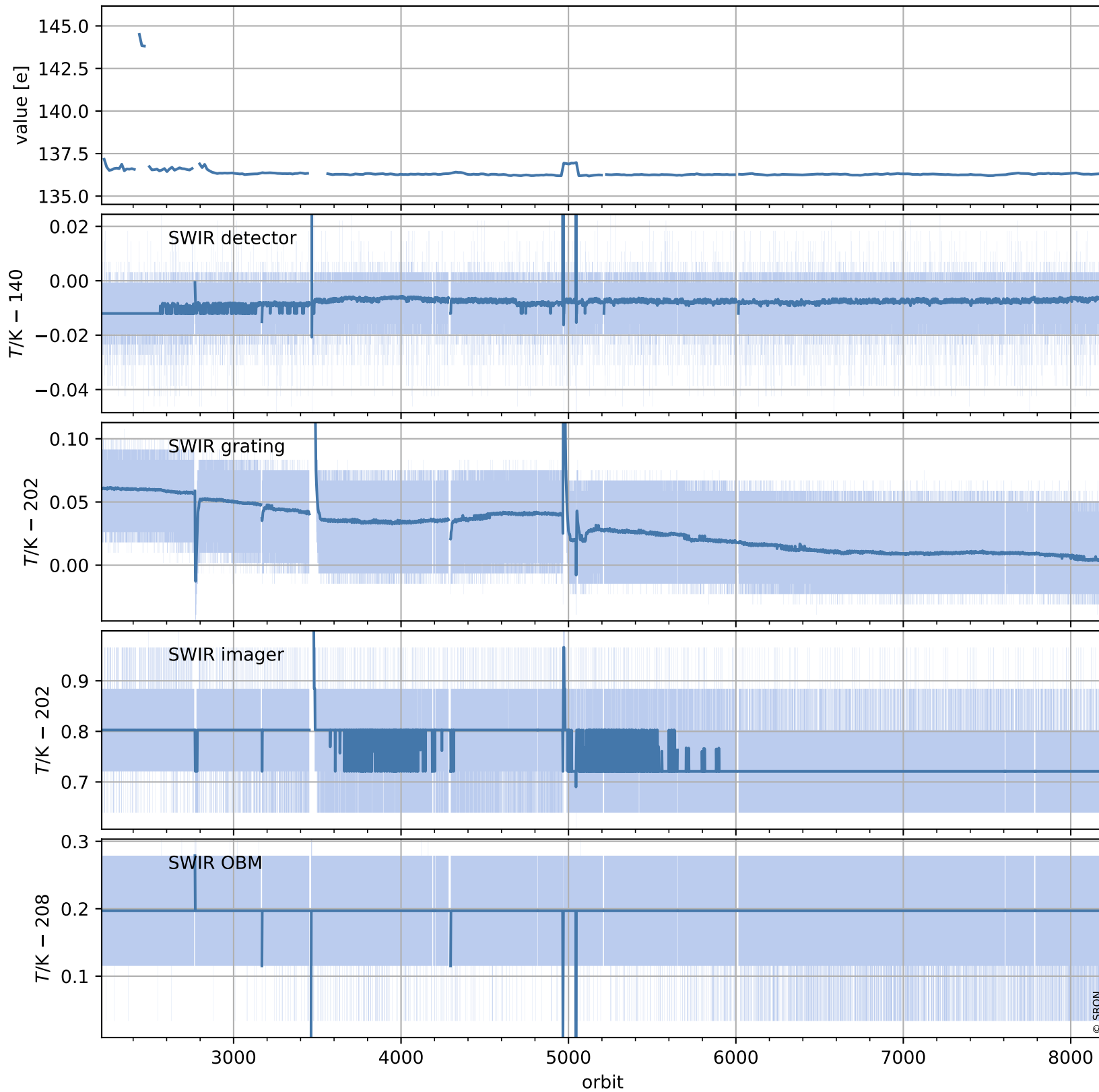
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8197]
coverage : 2018-03-18 / 2019-05-13
created : 2023-08-21T14:54:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8197]
coverage : 2018-03-18 / 2019-05-13
created : 2023-08-21T14:54:39

trend of normalized read-noise & temperatures

