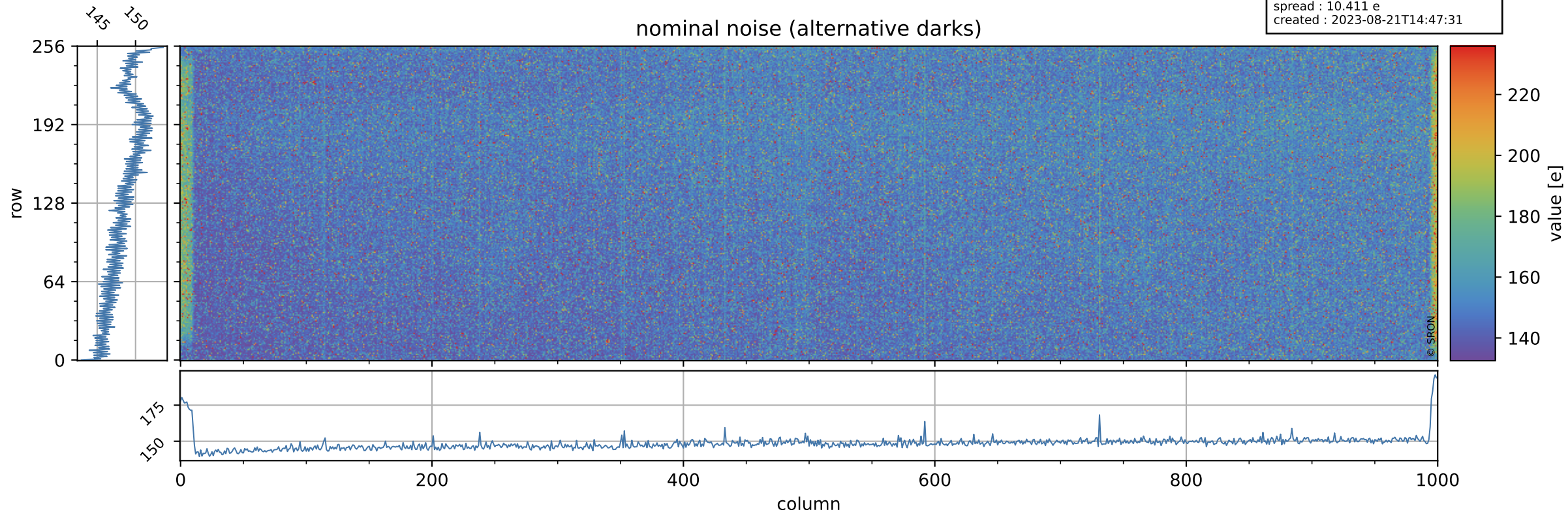


Tropomi SWIR background noise (swir)

orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.411 e
created : 2023-08-21T14:47:31

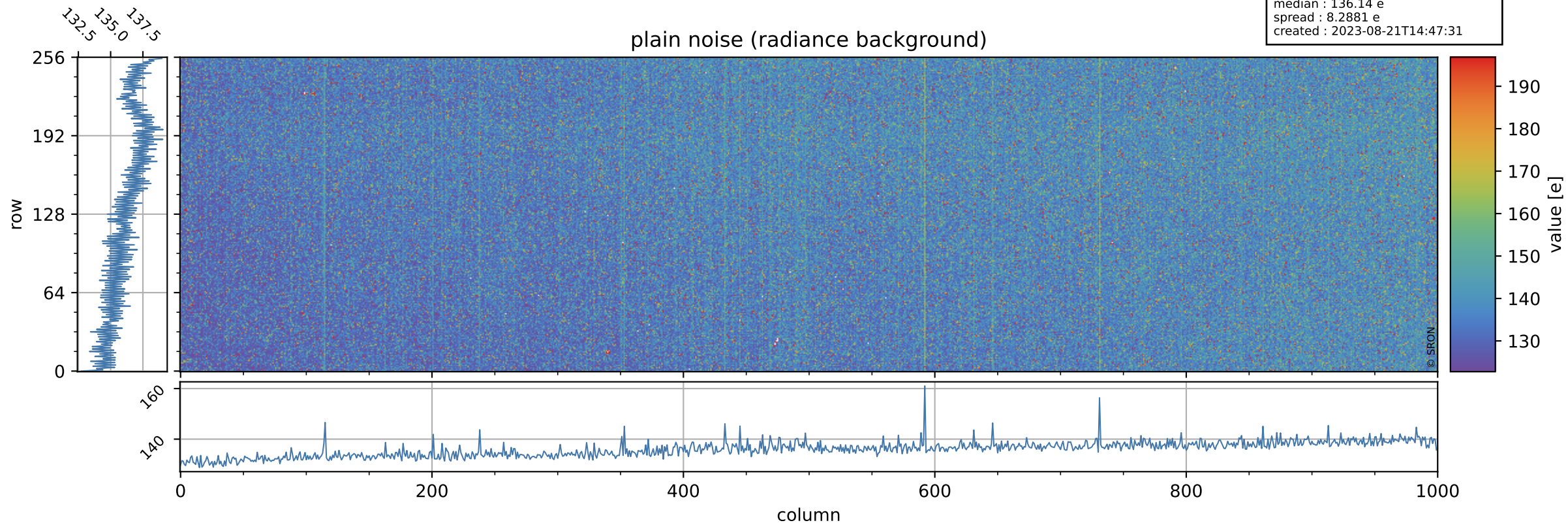
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.2881 e
created : 2023-08-21T14:47:31

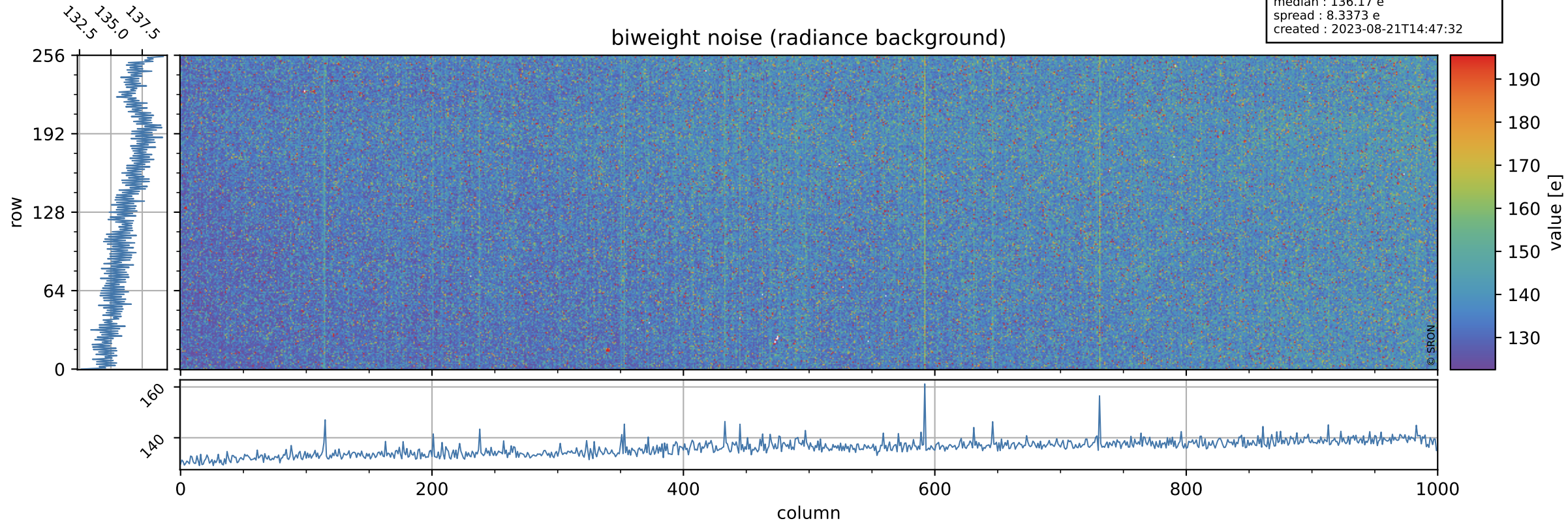
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3373 e
created : 2023-08-21T14:47:32

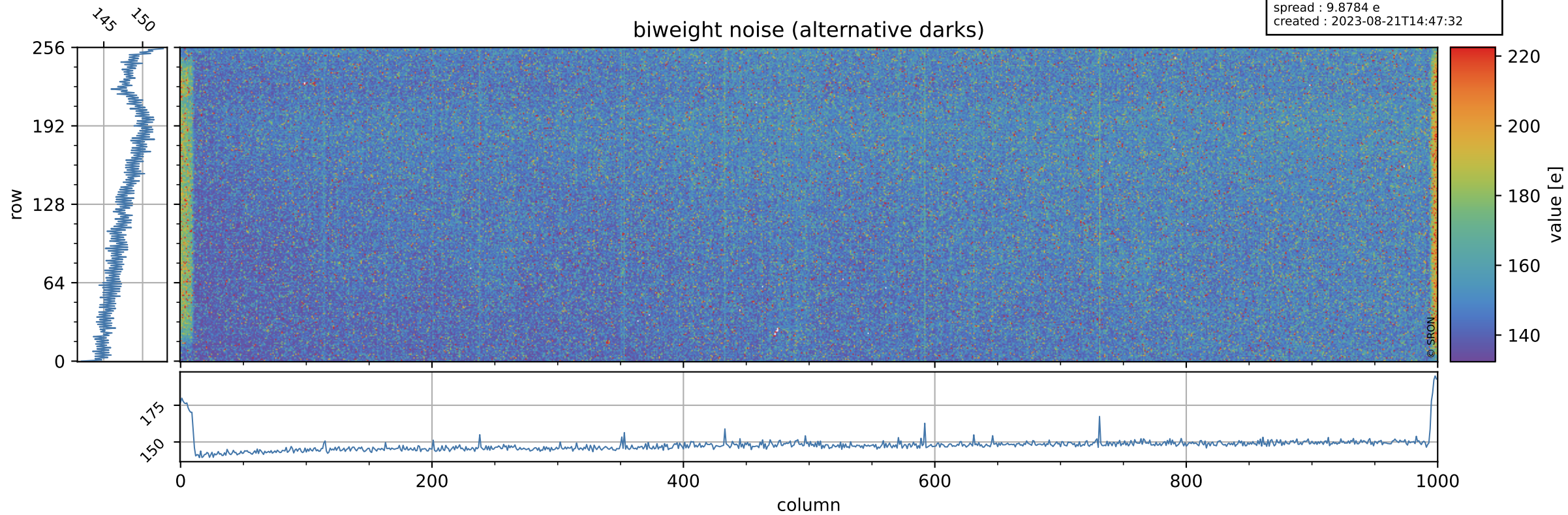
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.8784 e
created : 2023-08-21T14:47:32

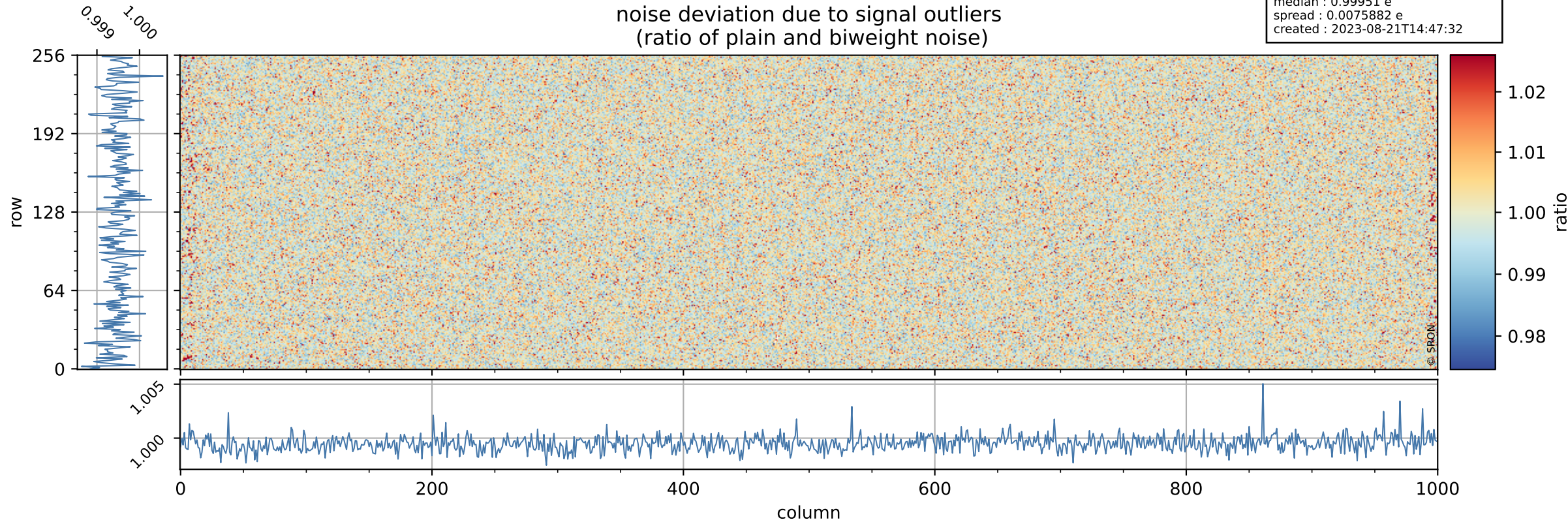
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

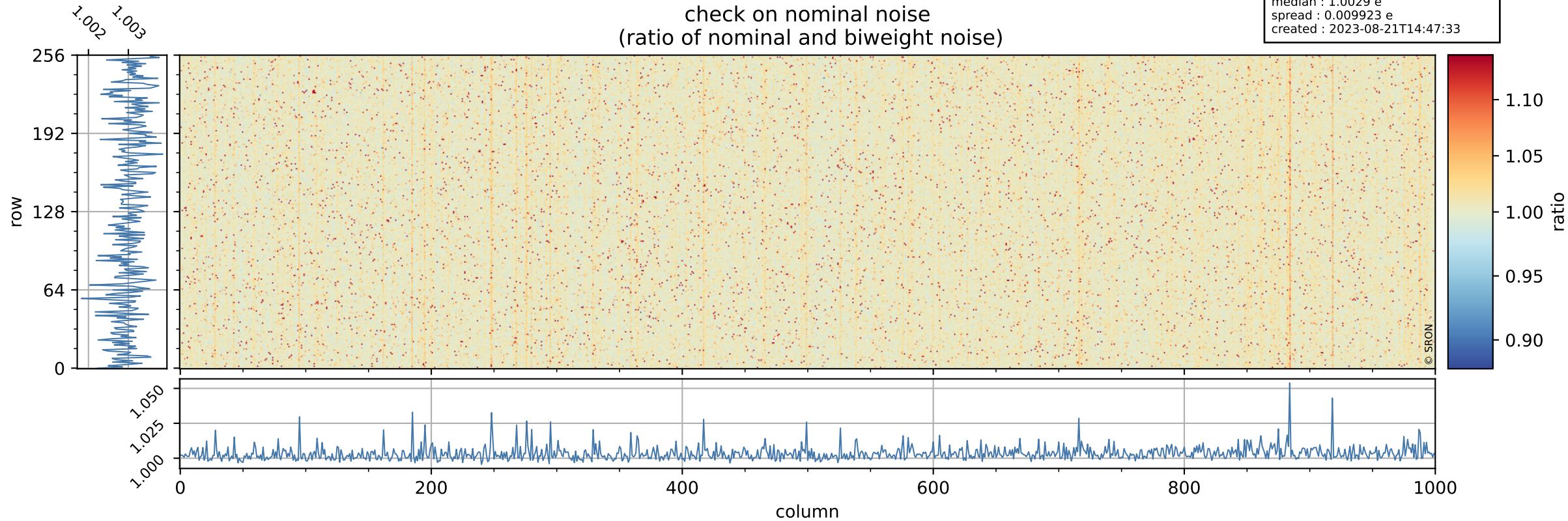
orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
median : 0.99951 e
spread : 0.0075882 e
created : 2023-08-21T14:47:32



Tropomi SWIR background noise (swir)

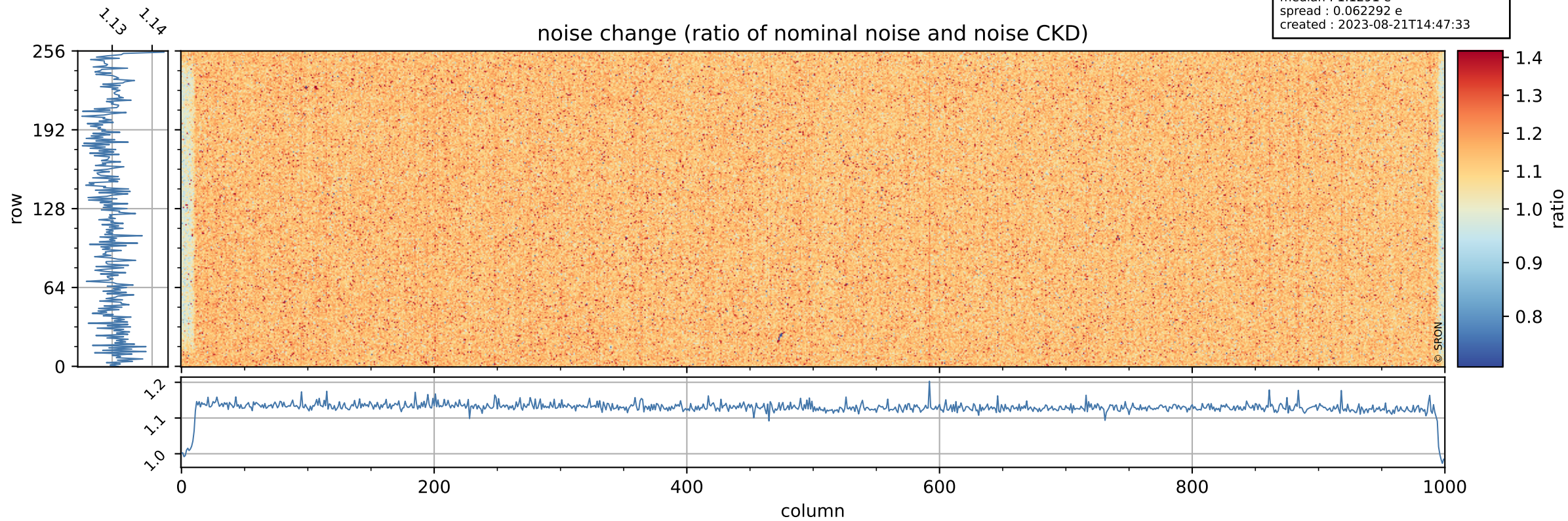
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
median : 1.0029 e
spread : 0.009923 e
created : 2023-08-21T14:47:33



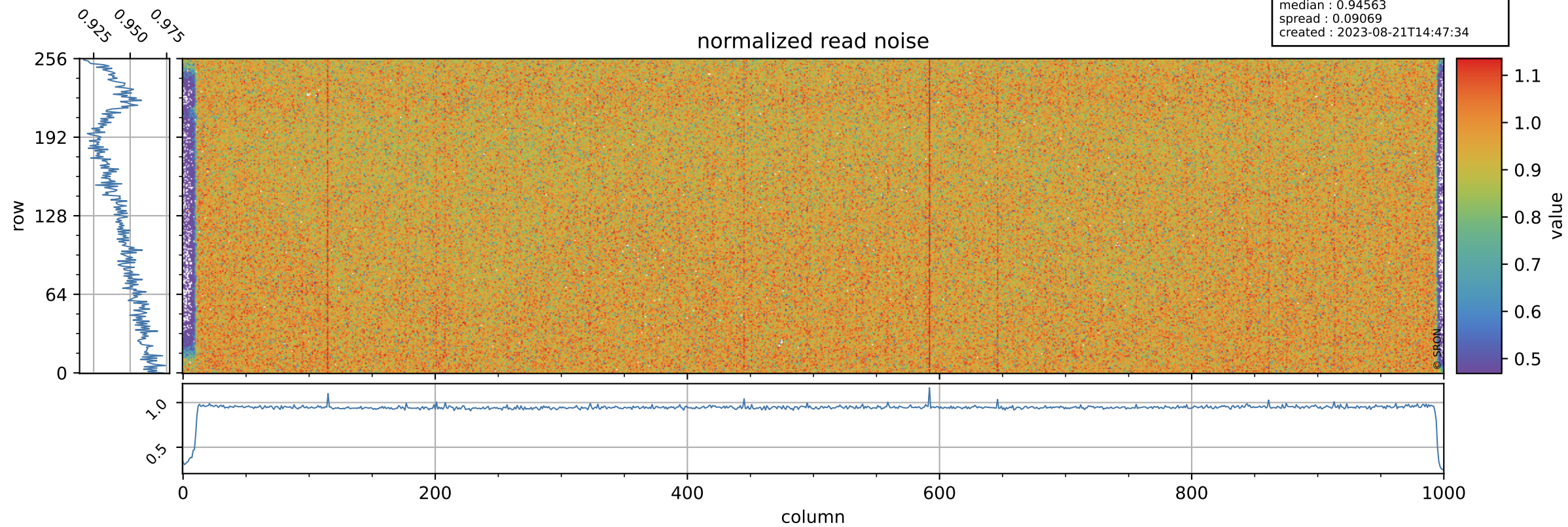
Tropomi SWIR background noise (swir)

orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
median : 1.1291 e
spread : 0.062292 e
created : 2023-08-21T14:47:33



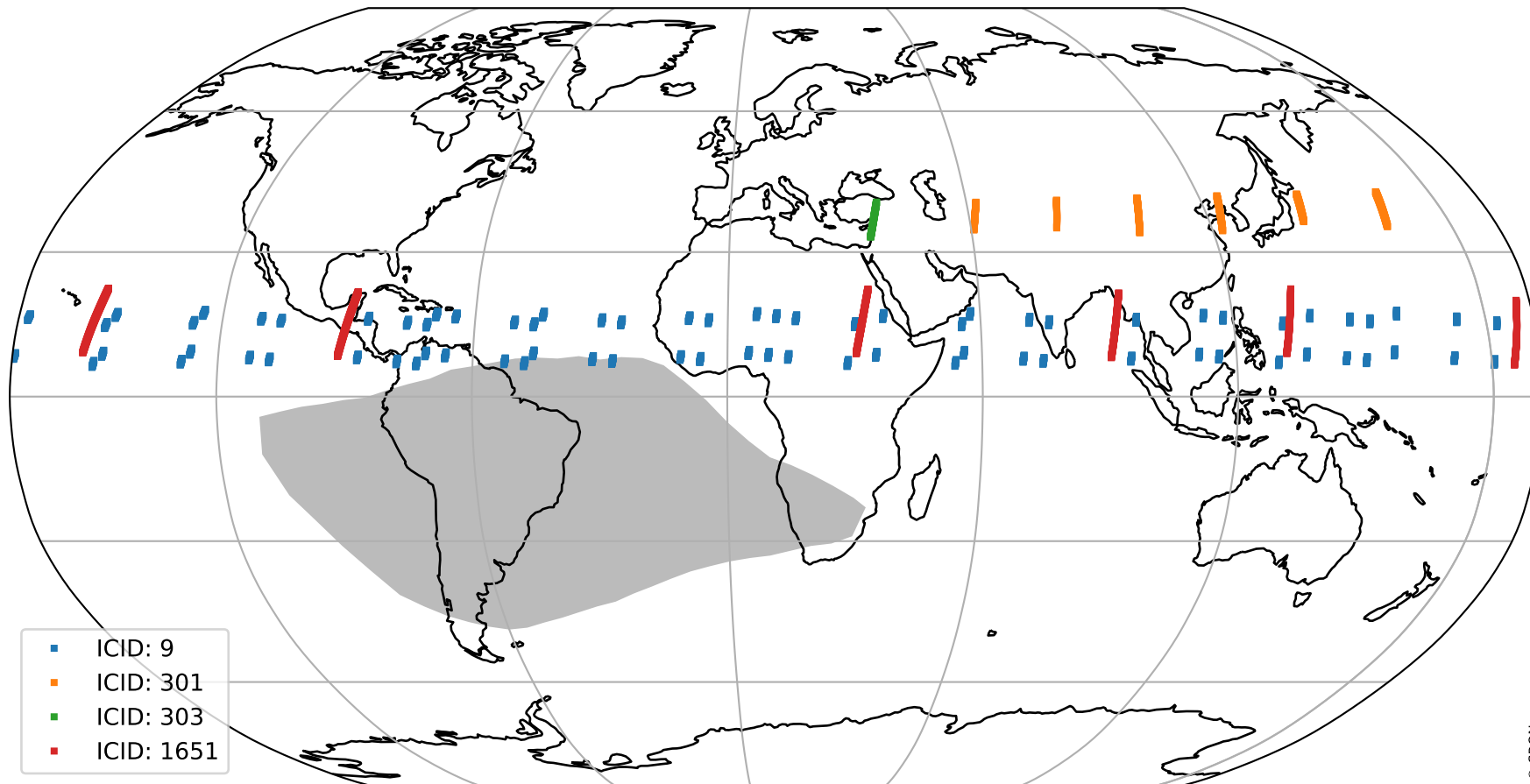
Tropomi SWIR background noise (swir)

orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
median : 0.94563
spread : 0.09069
created : 2023-08-21T14:47:34



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

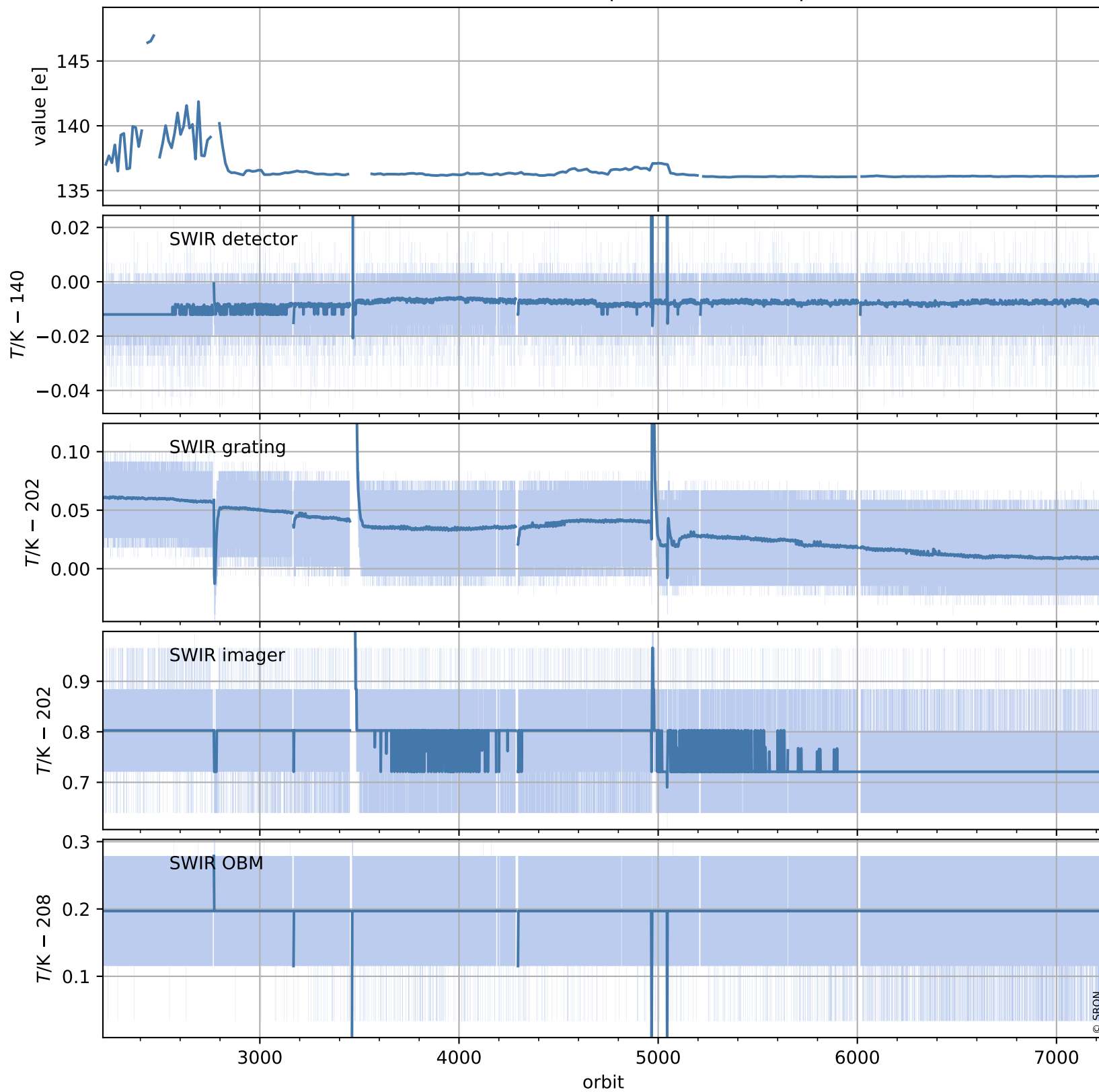
orbits : 13 in [7147, 7237]
coverage : 2019-03-01 / 2019-03-07
created : 2023-08-21T14:47:34



Tropomi SWIR background noise (swir)

orbits : [2212, 7237]
coverage : 2018-03-18 / 2019-03-07
created : 2023-08-21T14:47:34

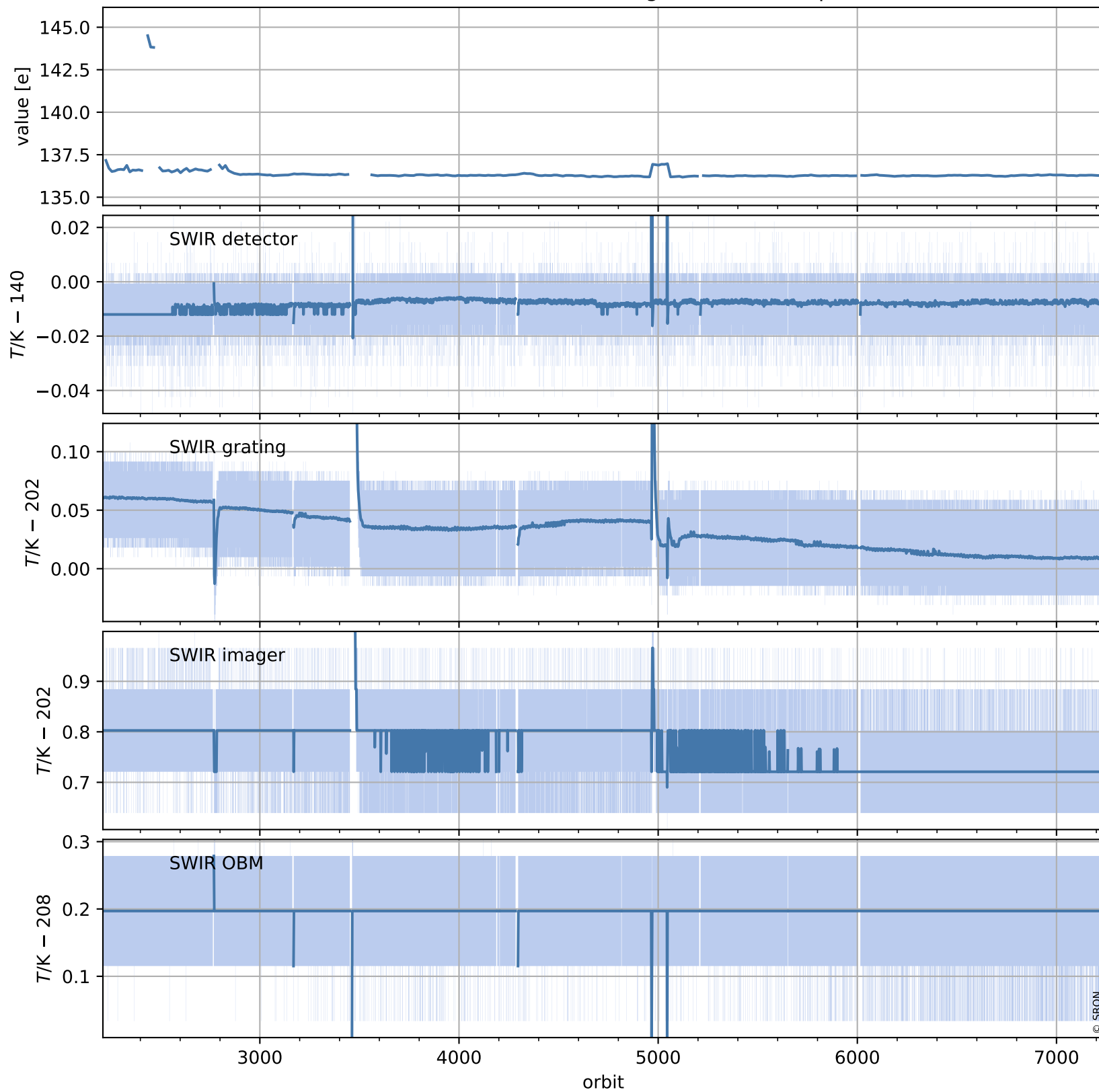
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7237]
coverage : 2018-03-18 / 2019-03-07
created : 2023-08-21T14:47:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7237]
coverage : 2018-03-18 / 2019-03-07
created : 2023-08-21T14:47:36

trend of normalized read-noise & temperatures

