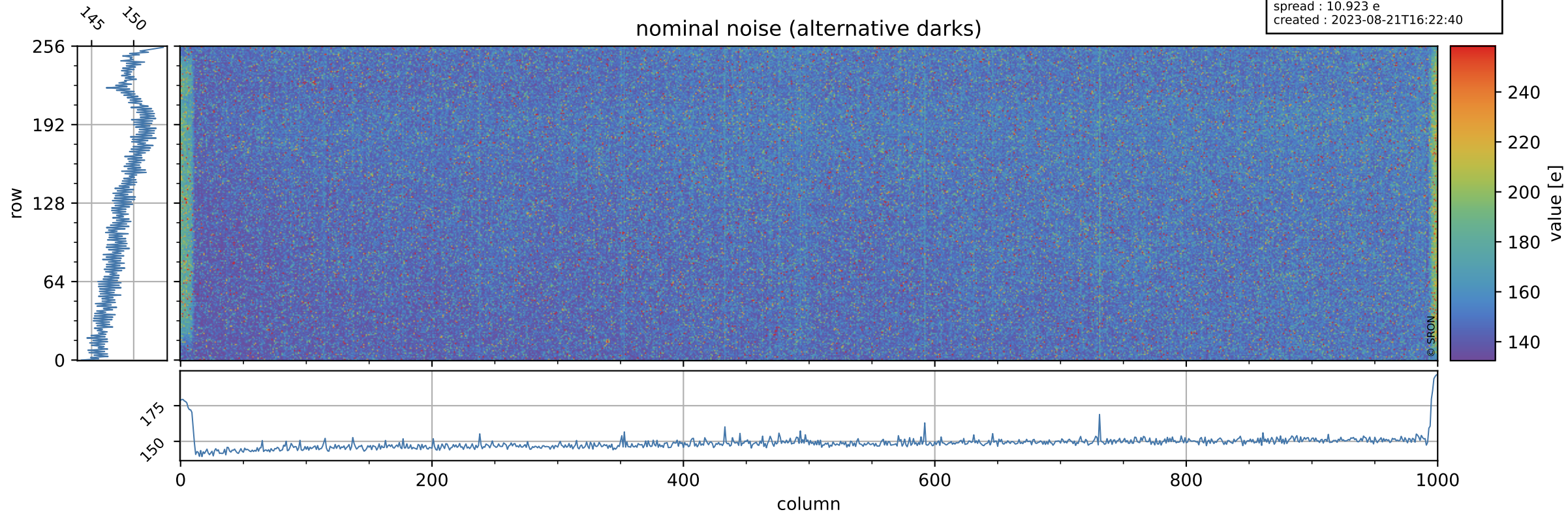


Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.923 e
created : 2023-08-21T16:22:40

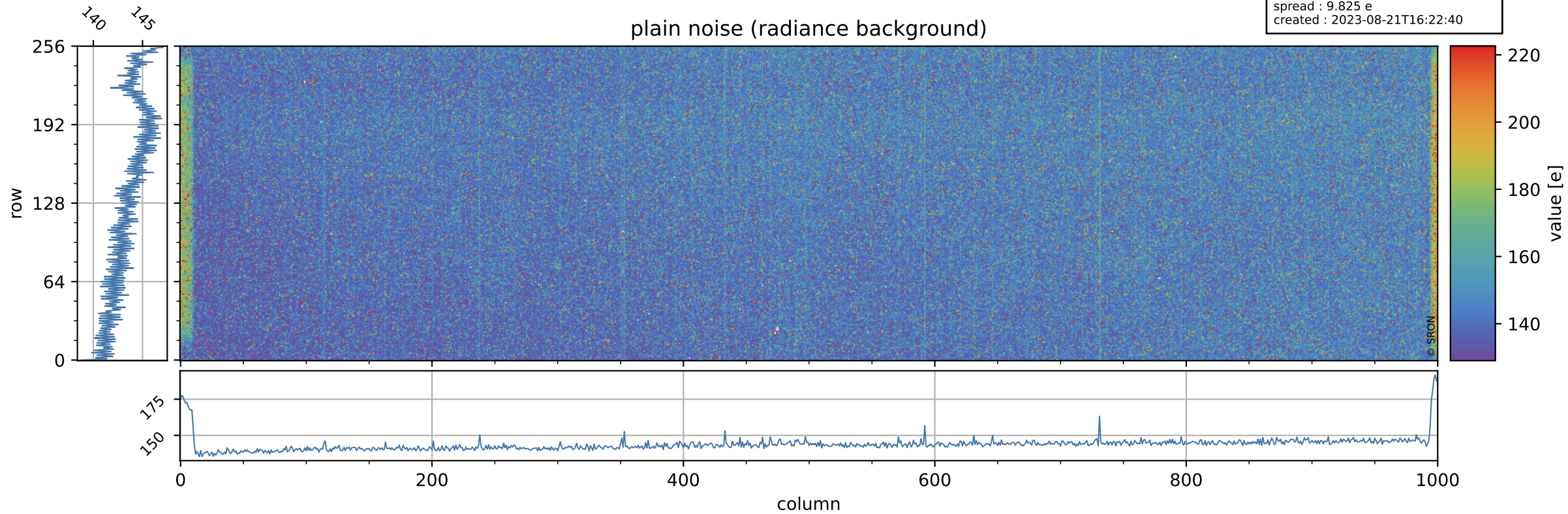
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.825 e
created : 2023-08-21T16:22:40

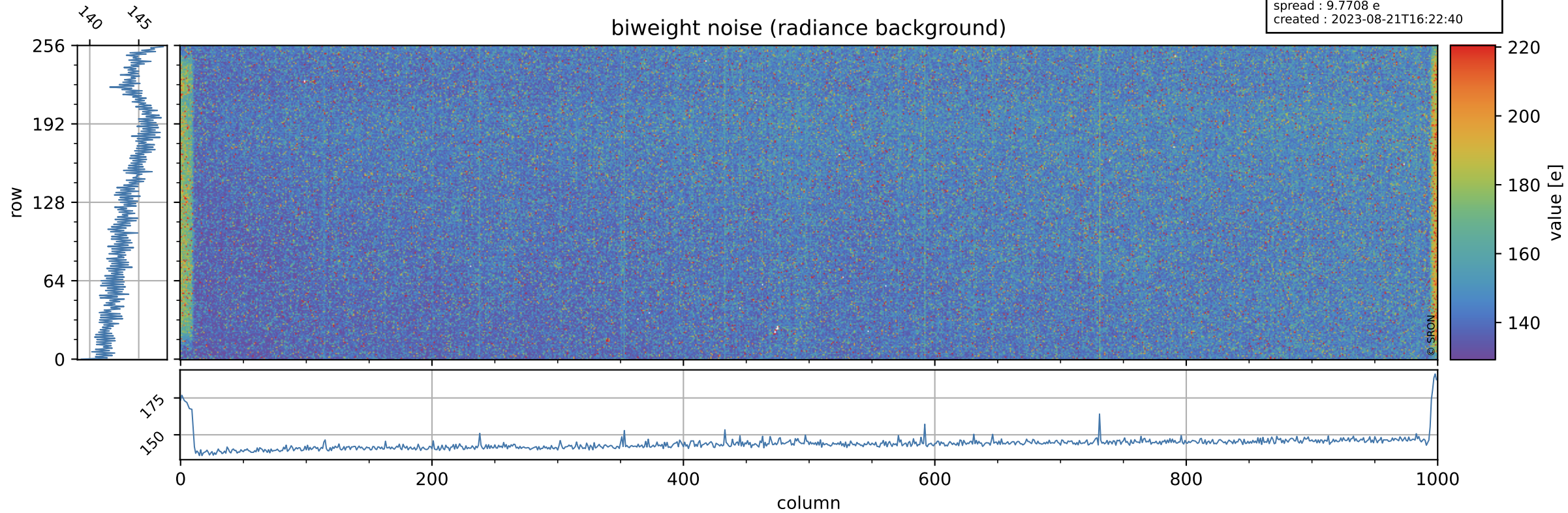
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7708 e
created : 2023-08-21T16:22:40

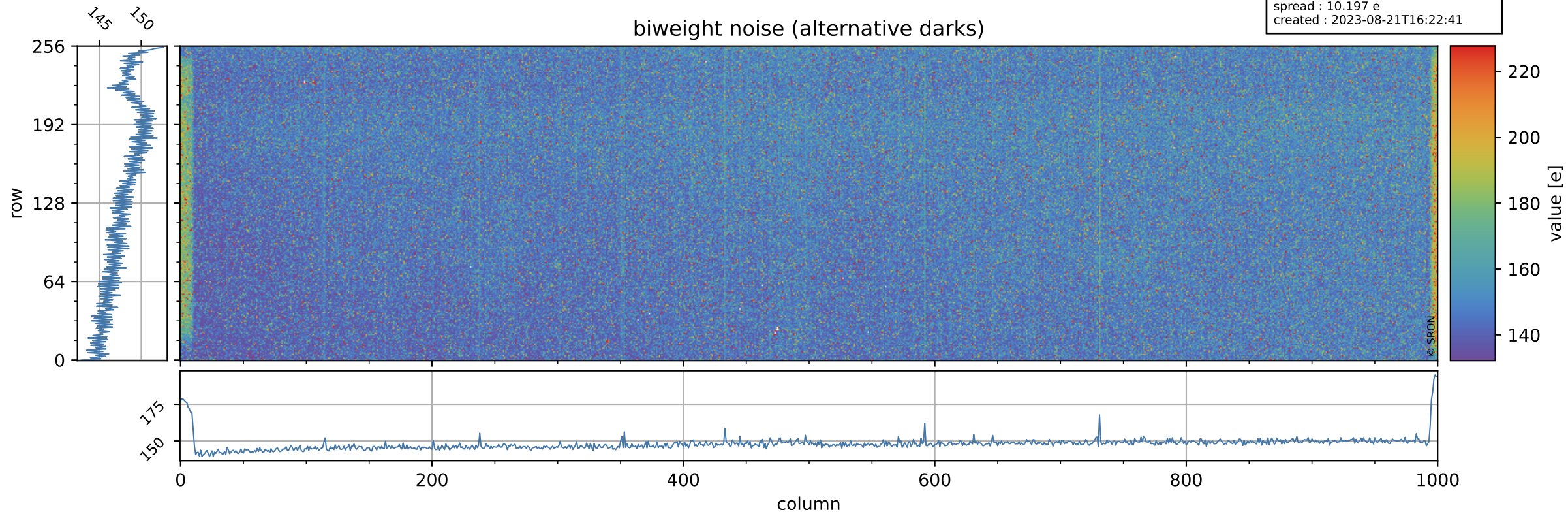
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.197 e
created : 2023-08-21T16:22:41

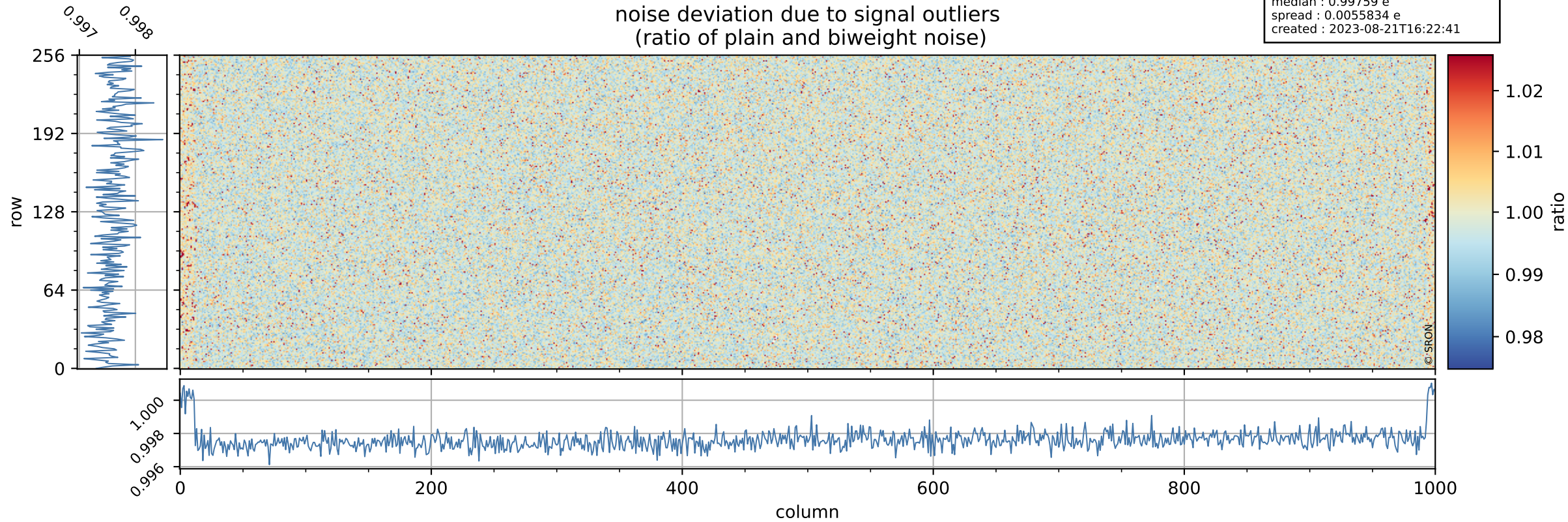
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

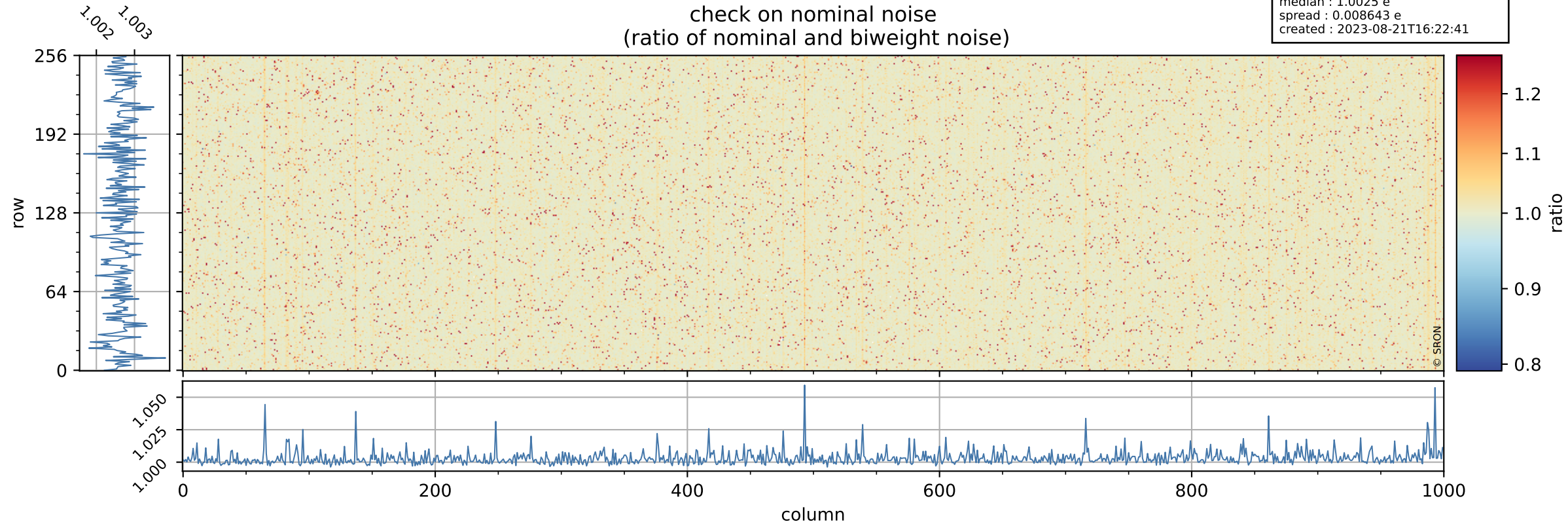
orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
median : 0.99759 e
spread : 0.0055834 e
created : 2023-08-21T16:22:41



Tropomi SWIR background noise (swir)

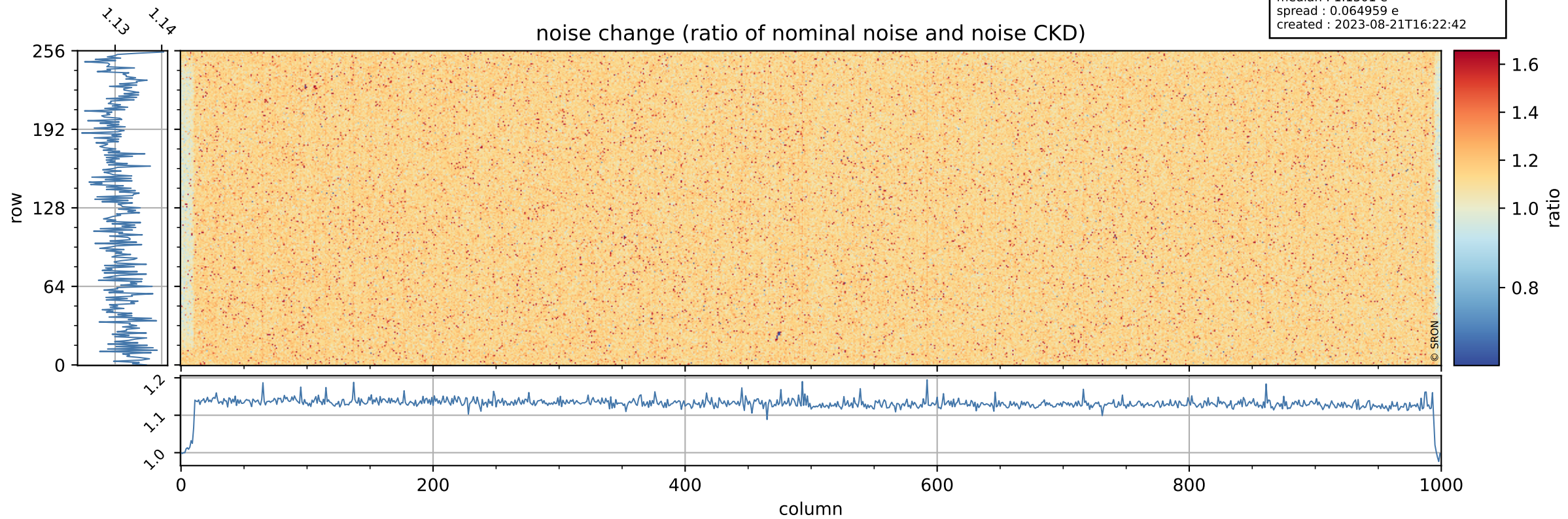
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
median : 1.0025 e
spread : 0.008643 e
created : 2023-08-21T16:22:41



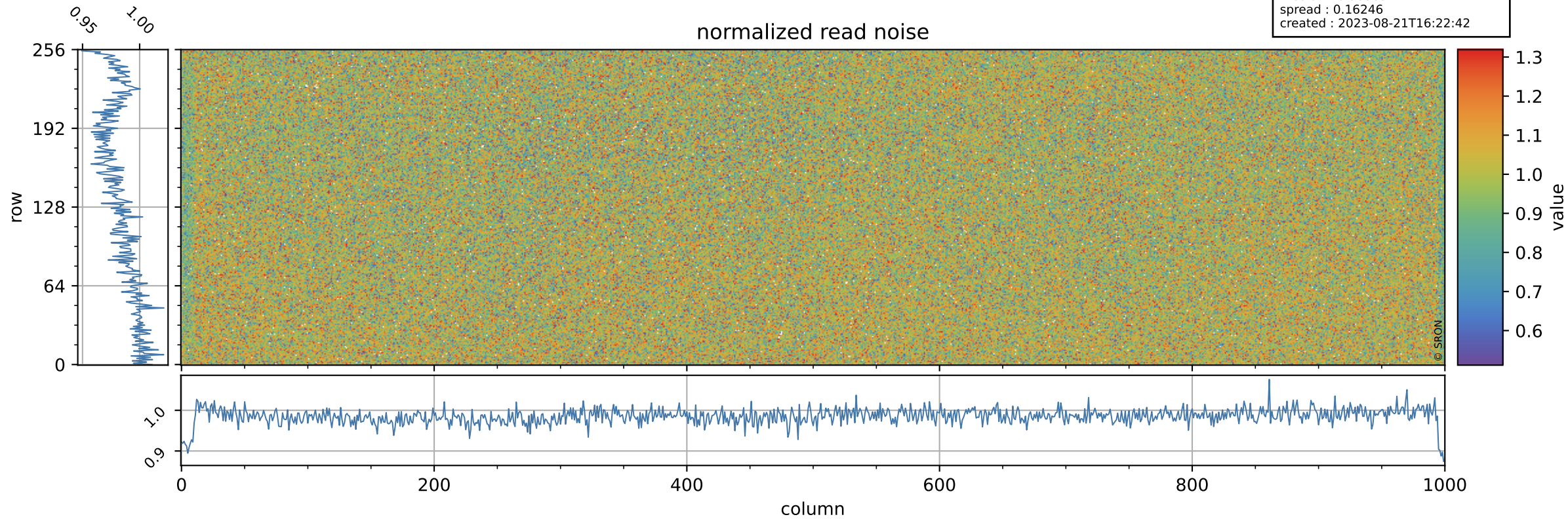
Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
median : 1.1301 e
spread : 0.064959 e
created : 2023-08-21T16:22:42



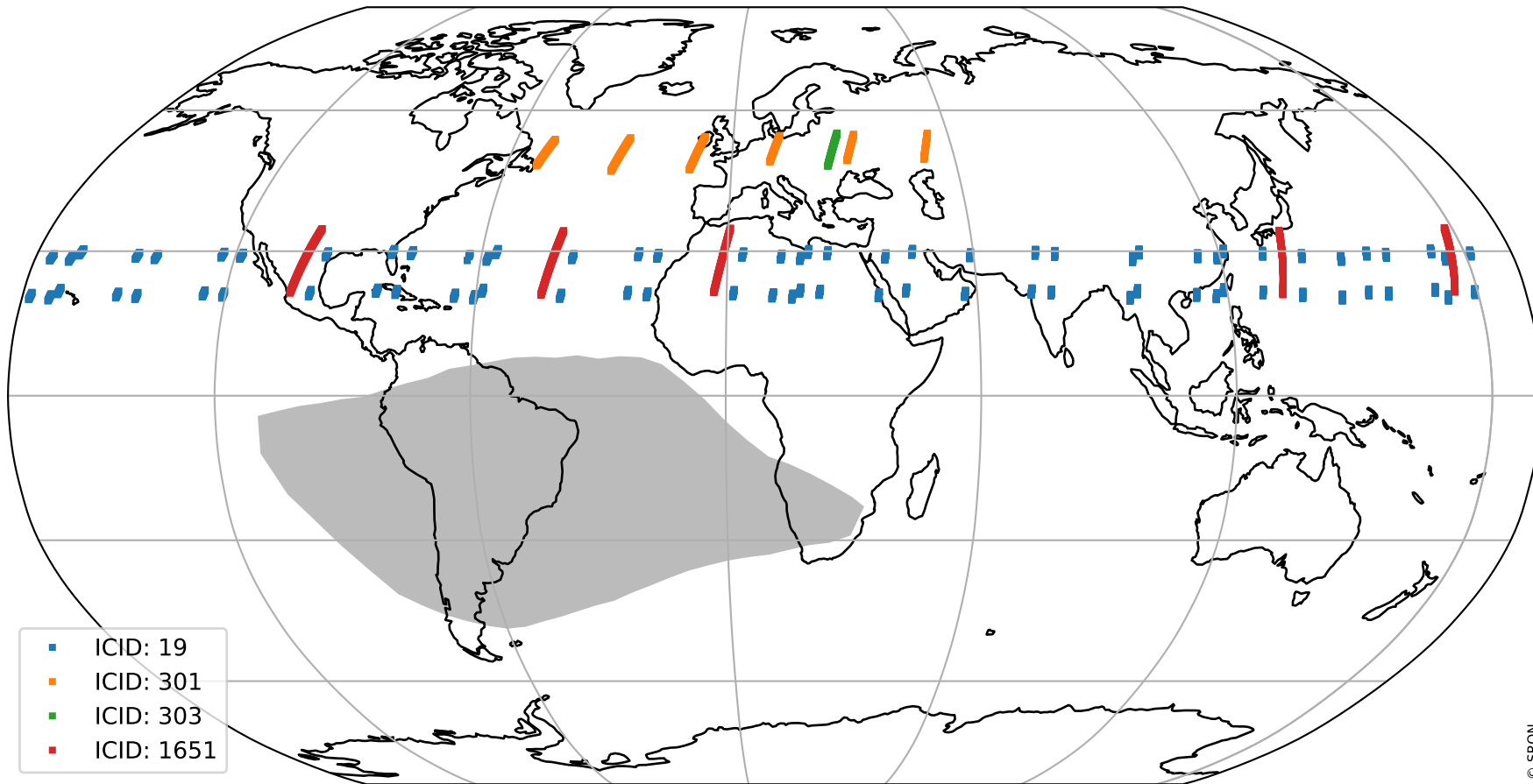
Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
median : 0.98365
spread : 0.16246
created : 2023-08-21T16:22:42



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

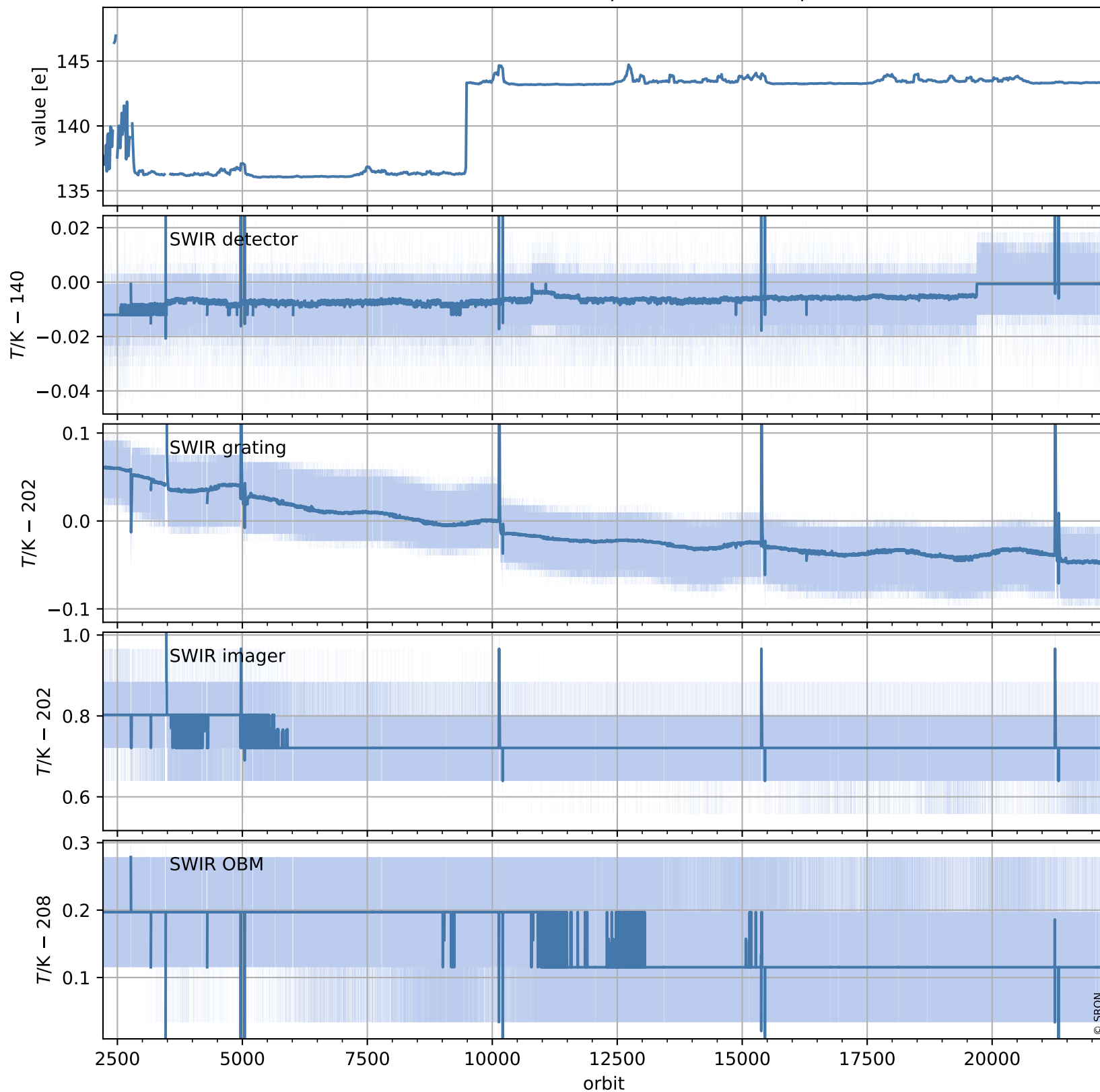
orbits : 12 in [22177, 22252]
coverage : 2022-01-22 / 2022-01-28
created : 2023-08-21T16:22:42



Tropomi SWIR background noise (swir)

orbits : [2212, 22252]
coverage : 2018-03-18 / 2022-01-28
created : 2023-08-21T16:22:43

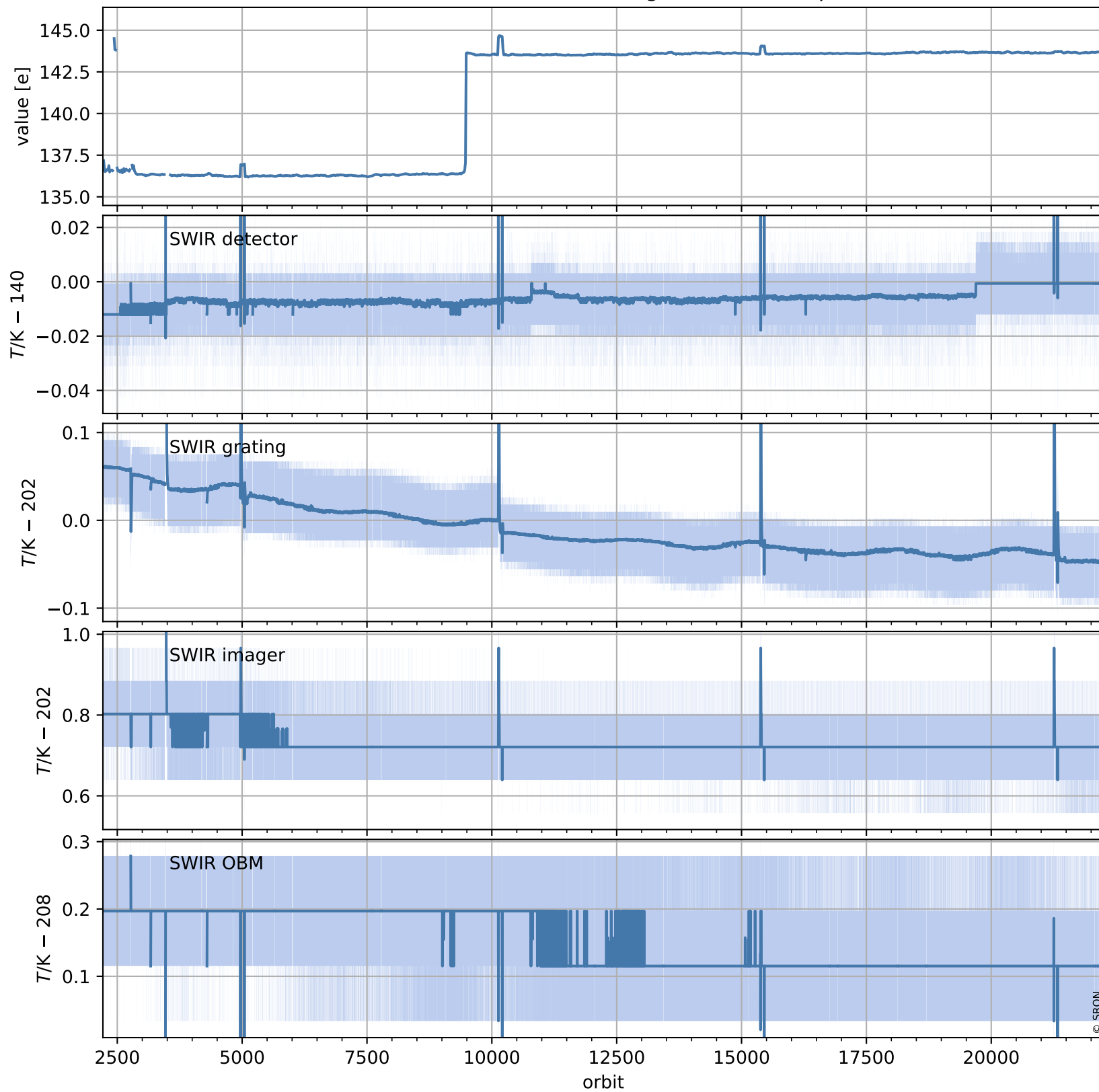
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22252]
coverage : 2018-03-18 / 2022-01-28
created : 2023-08-21T16:22:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22252]
coverage : 2018-03-18 / 2022-01-28
created : 2023-08-21T16:22:44

trend of normalized read-noise & temperatures

