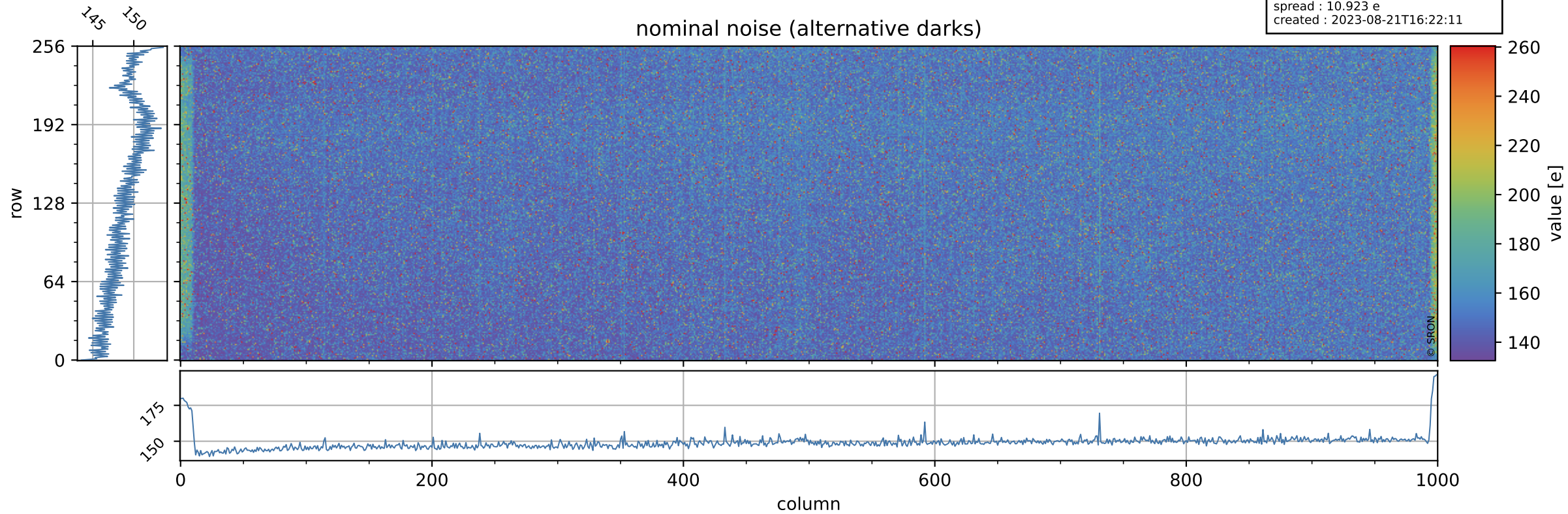


Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.923 e
created : 2023-08-21T16:22:11

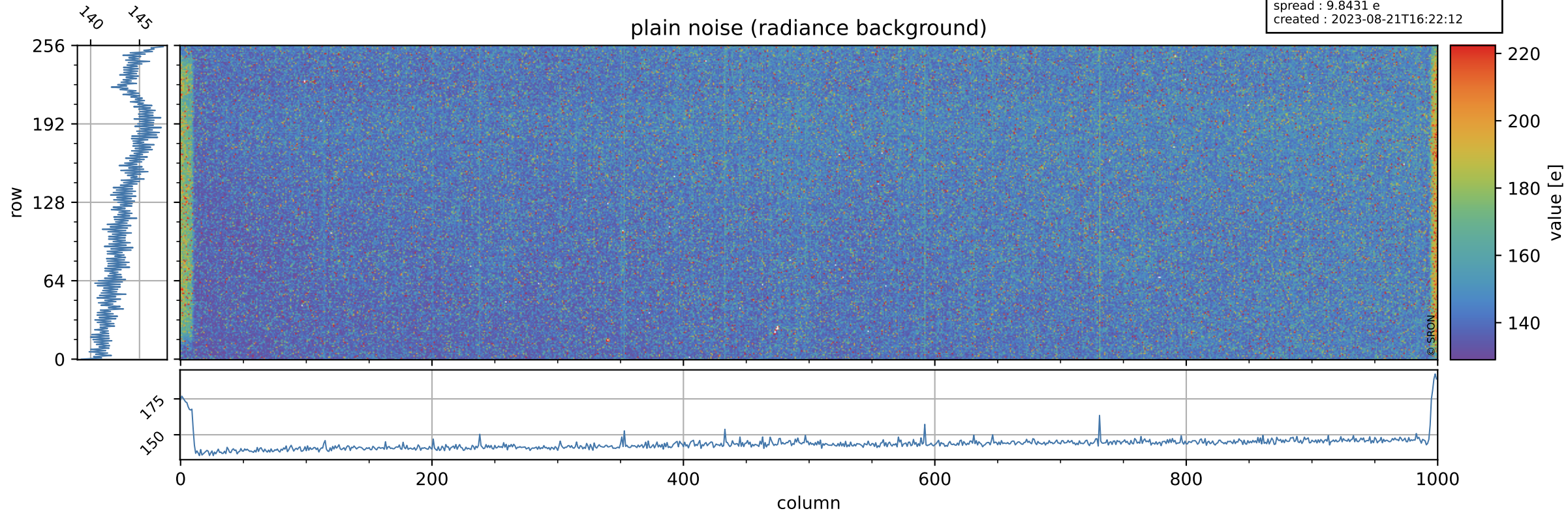
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8431 e
created : 2023-08-21T16:22:12

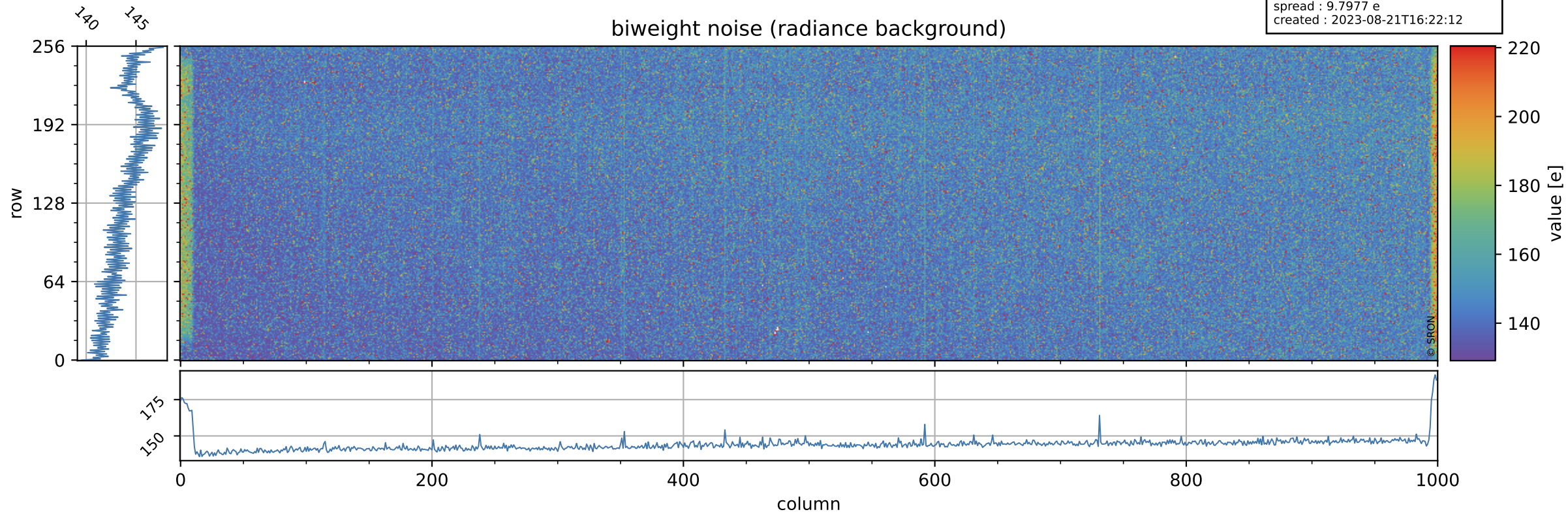
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.7977 e
created : 2023-08-21T16:22:12

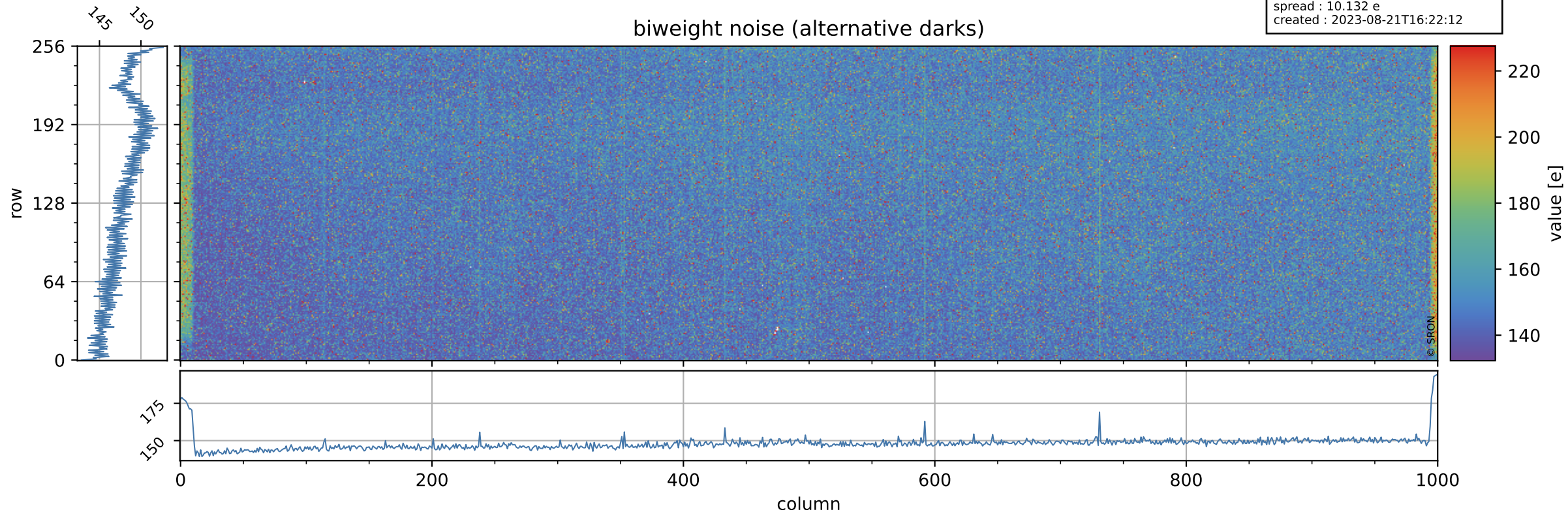
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.132 e
created : 2023-08-21T16:22:12

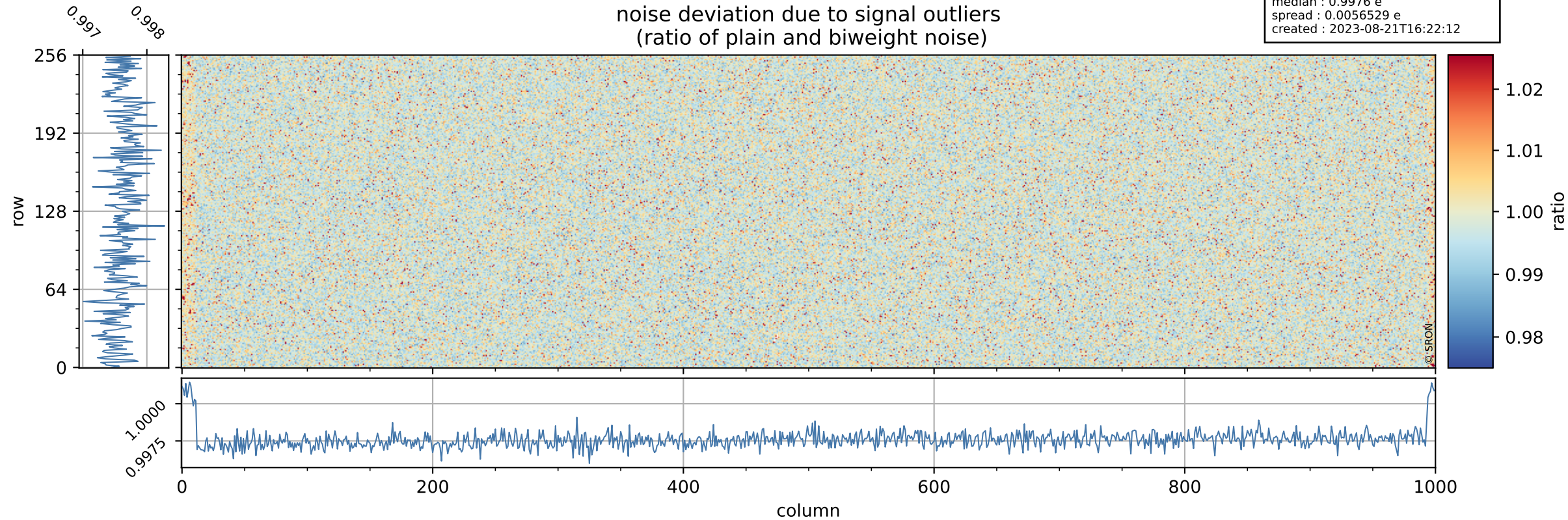
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

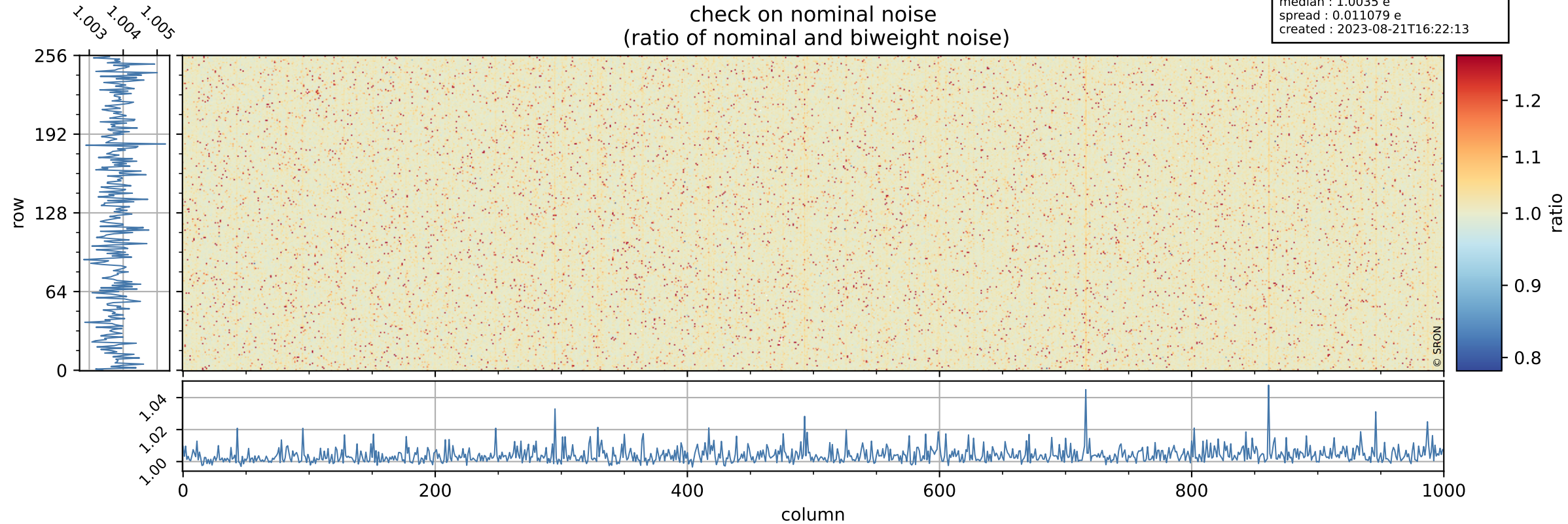
orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
median : 0.9976 e
spread : 0.0056529 e
created : 2023-08-21T16:22:12



Tropomi SWIR background noise (swir)

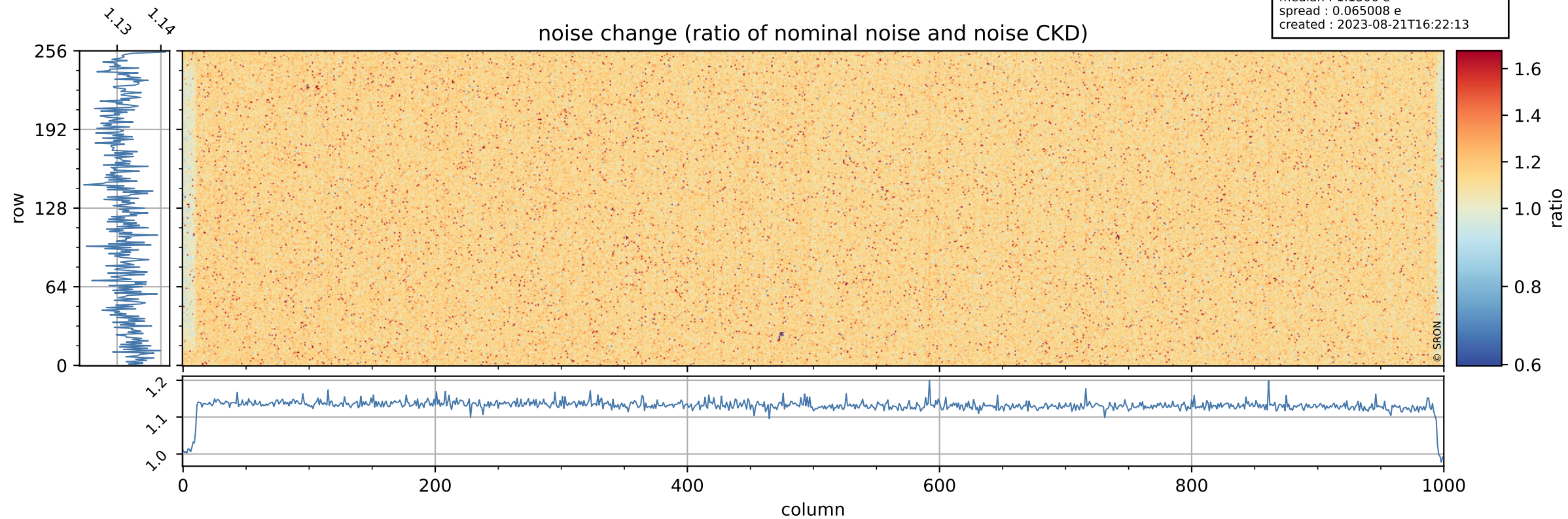
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
median : 1.0035 e
spread : 0.011079 e
created : 2023-08-21T16:22:13



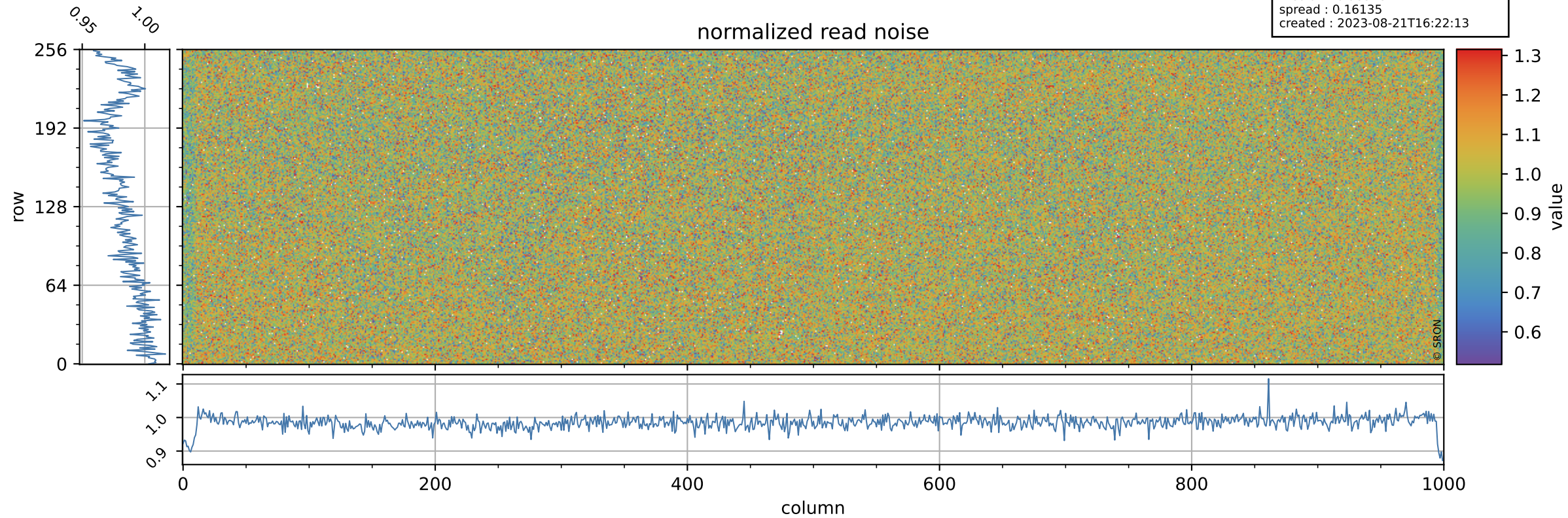
Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
median : 1.1306 e
spread : 0.065008 e
created : 2023-08-21T16:22:13



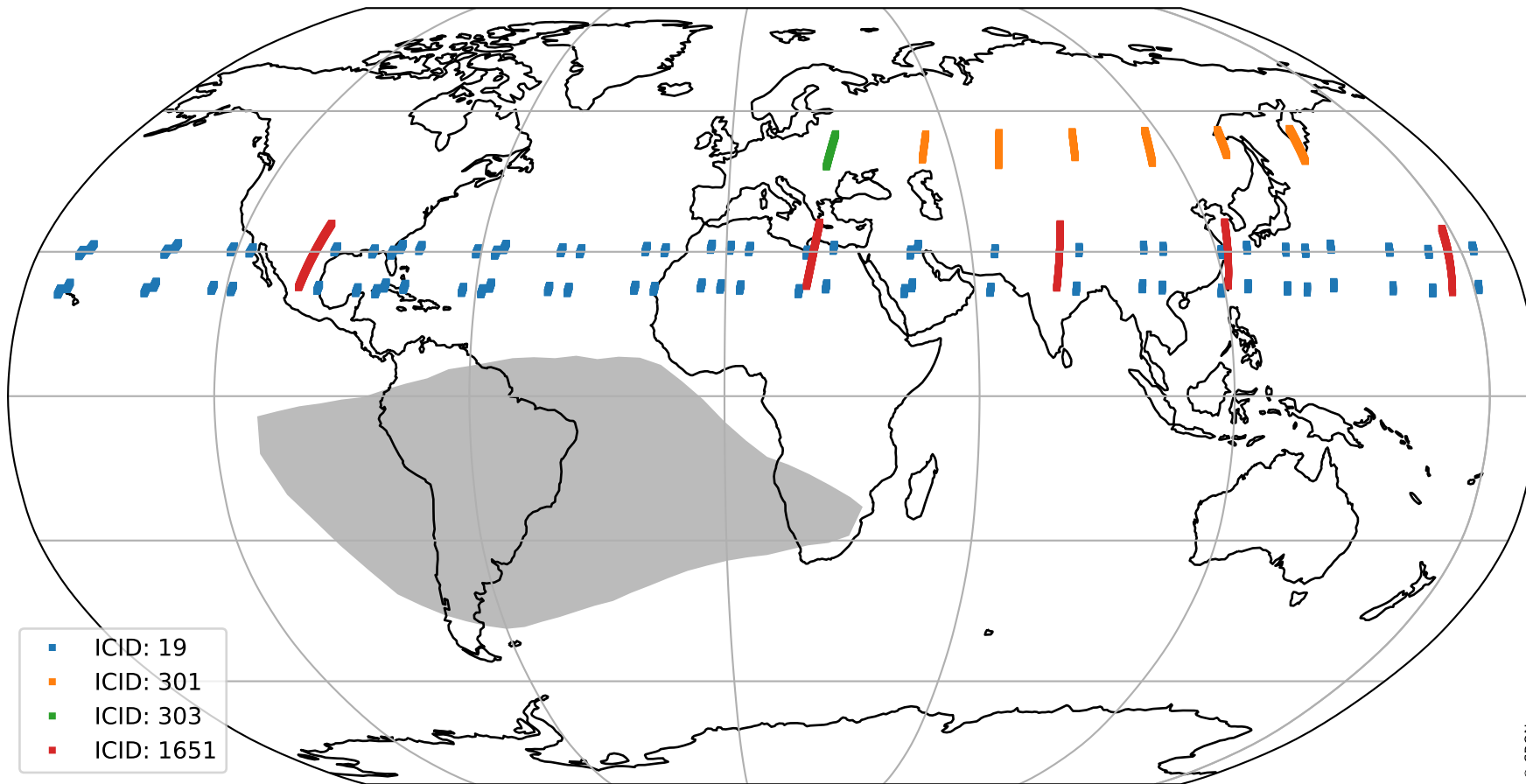
Tropomi SWIR background noise (swir)

orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
median : 0.98328
spread : 0.16135
created : 2023-08-21T16:22:13



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

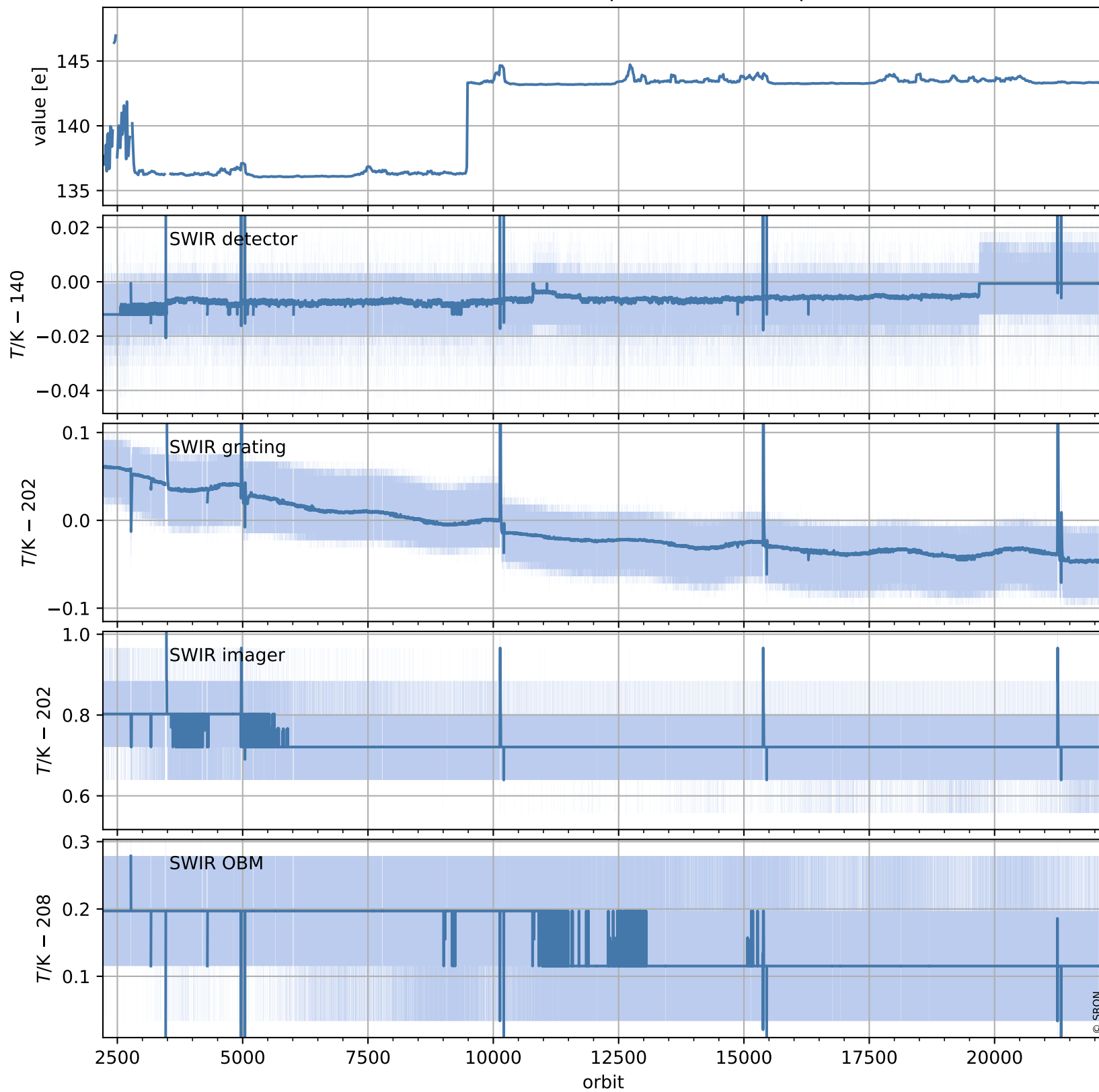
orbits : 12 in [22087, 22177]
coverage : 2022-01-17 / 2022-01-23
created : 2023-08-21T16:22:14



Tropomi SWIR background noise (swir)

orbits : [2212, 22177]
coverage : 2018-03-18 / 2022-01-23
created : 2023-08-21T16:22:14

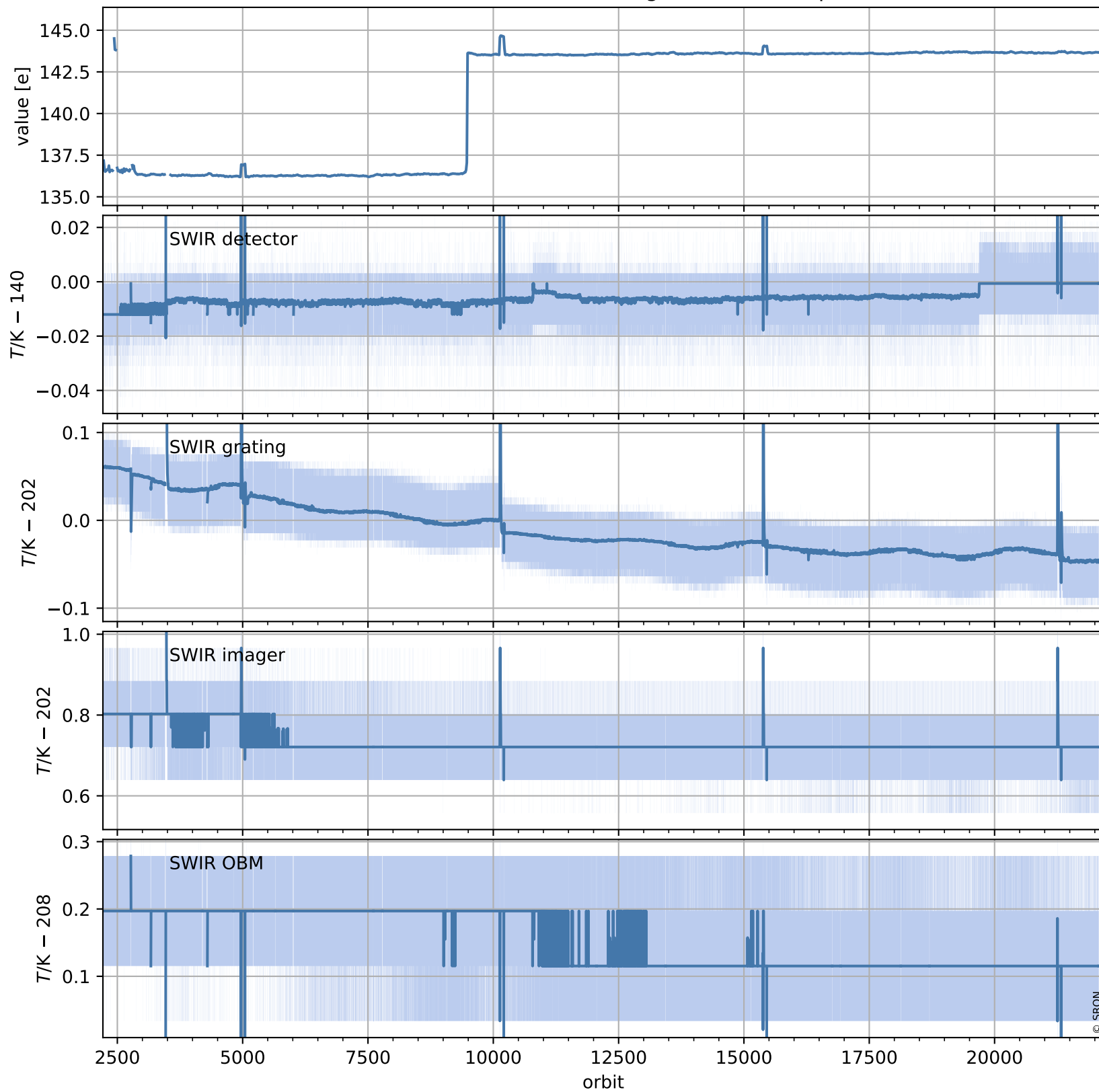
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22177]
coverage : 2018-03-18 / 2022-01-23
created : 2023-08-21T16:22:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22177]
coverage : 2018-03-18 / 2022-01-23
created : 2023-08-21T16:22:16

trend of normalized read-noise & temperatures

