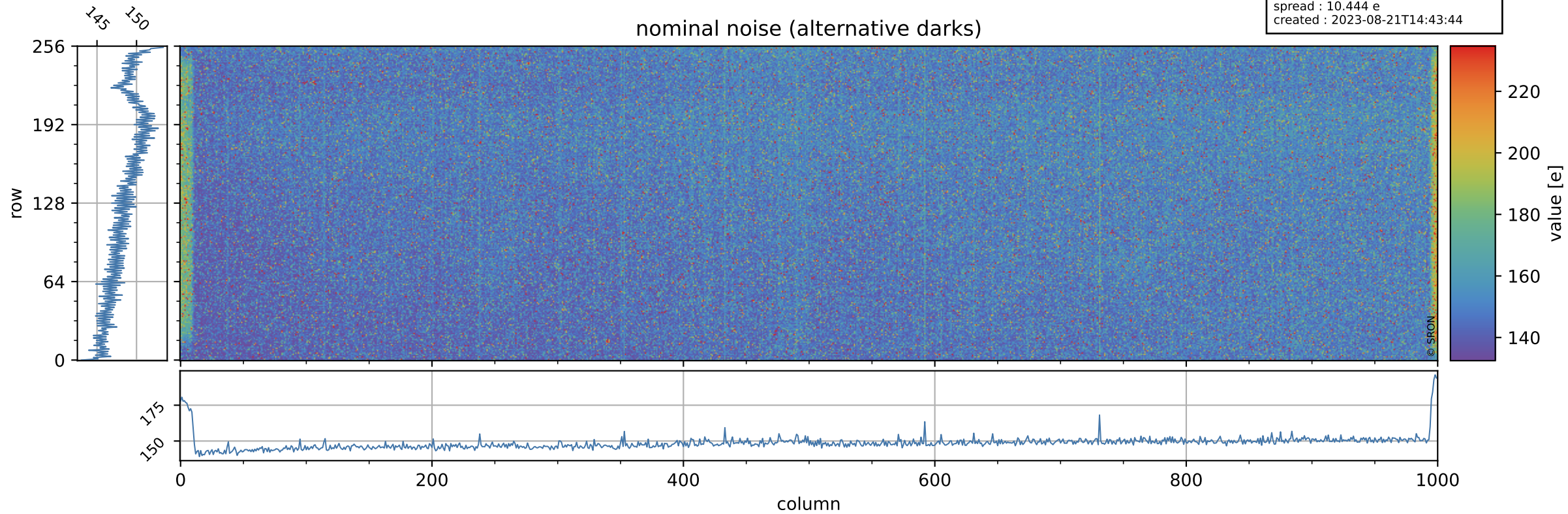


Tropomi SWIR background noise (swir)

orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.444 e
created : 2023-08-21T14:43:44

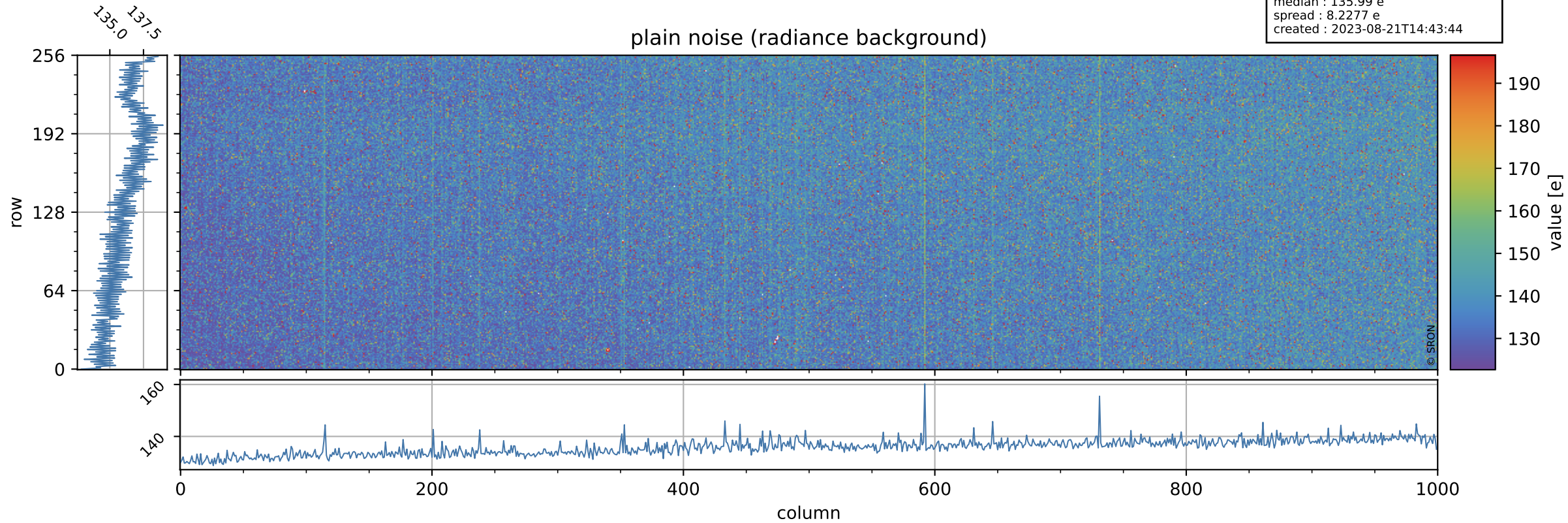
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2277 e
created : 2023-08-21T14:43:44

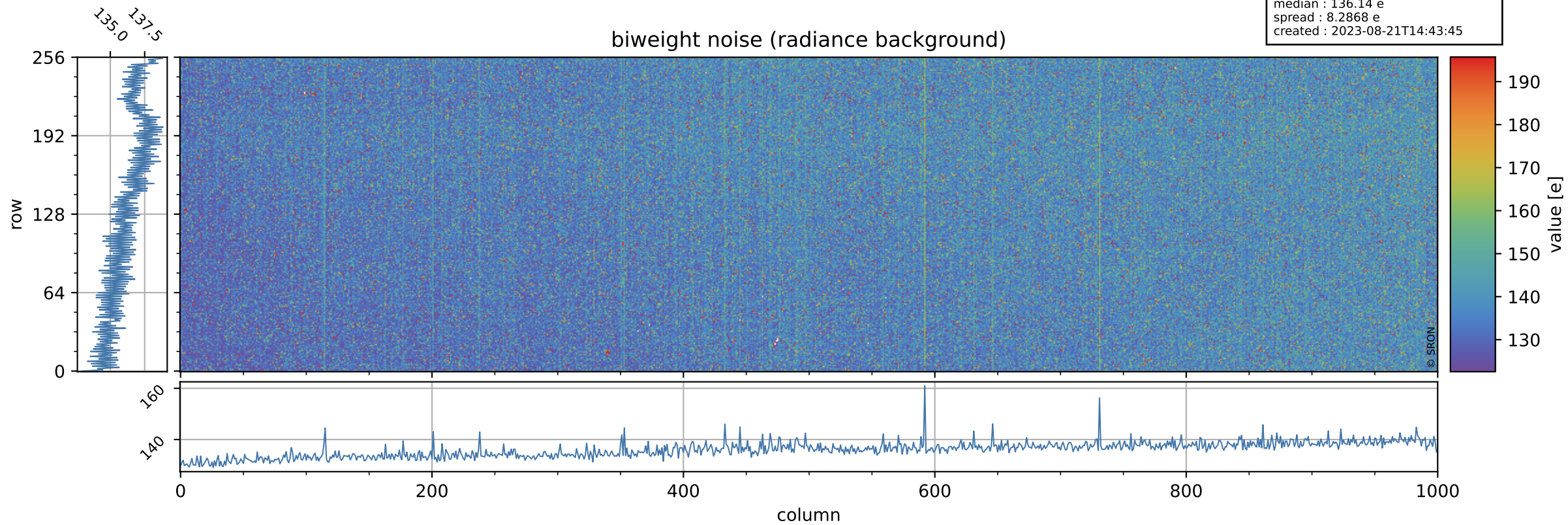
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.2868 e
created : 2023-08-21T14:43:45

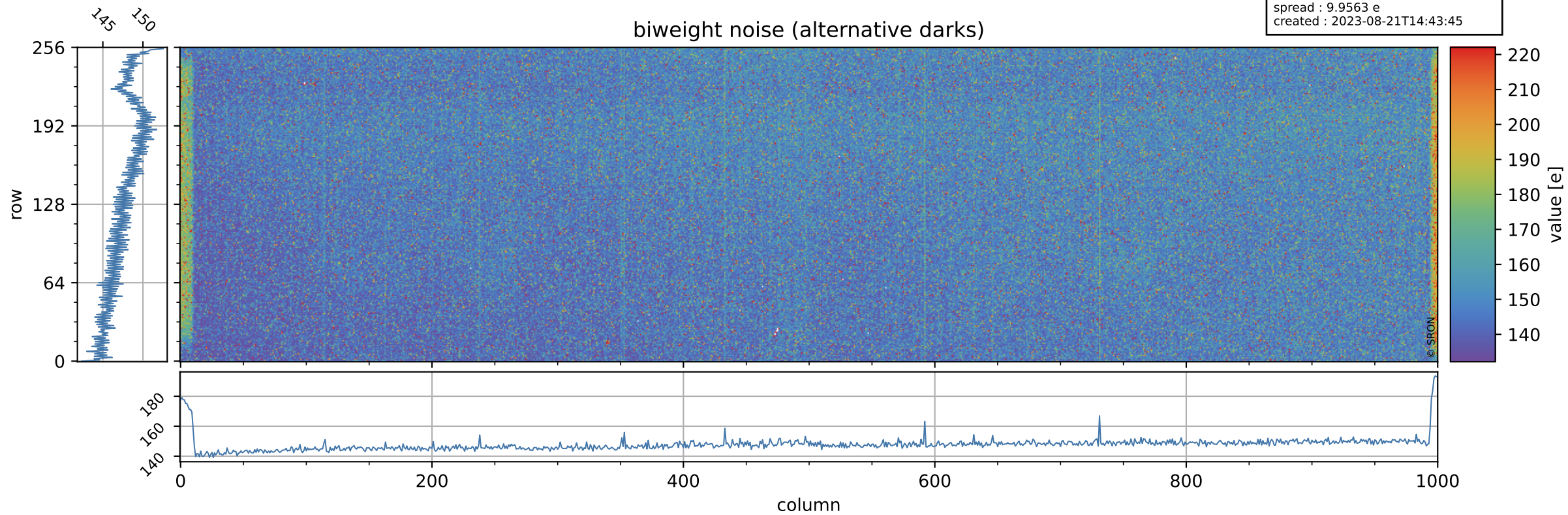
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9563 e
created : 2023-08-21T14:43:45

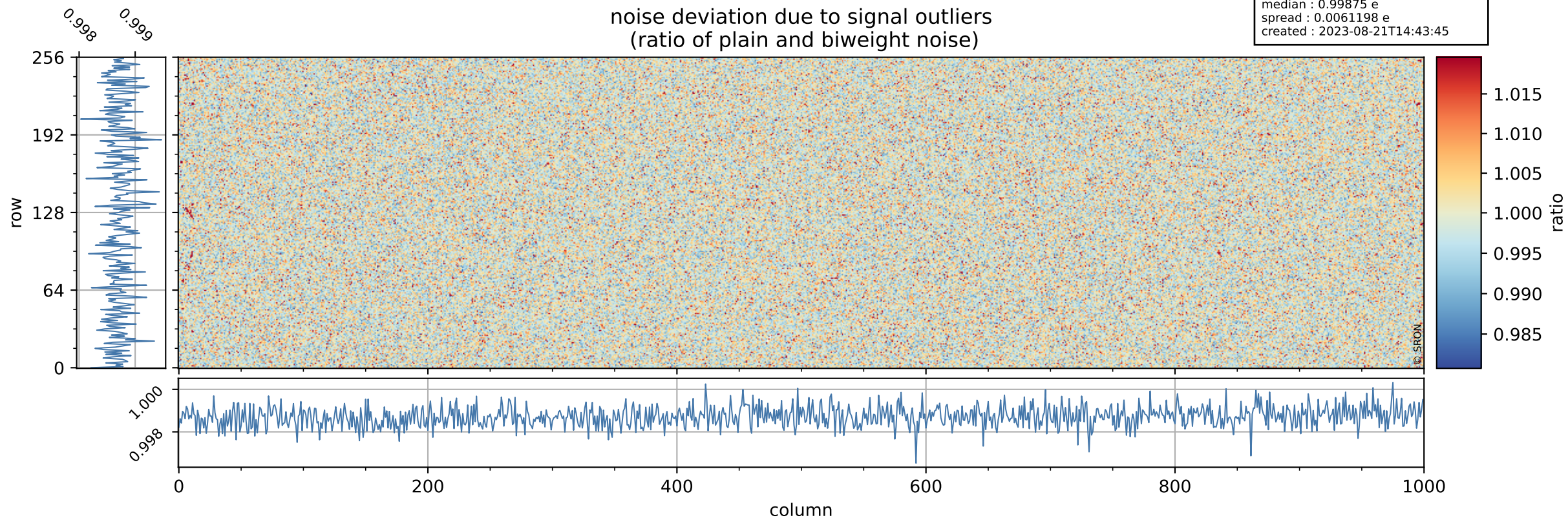
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

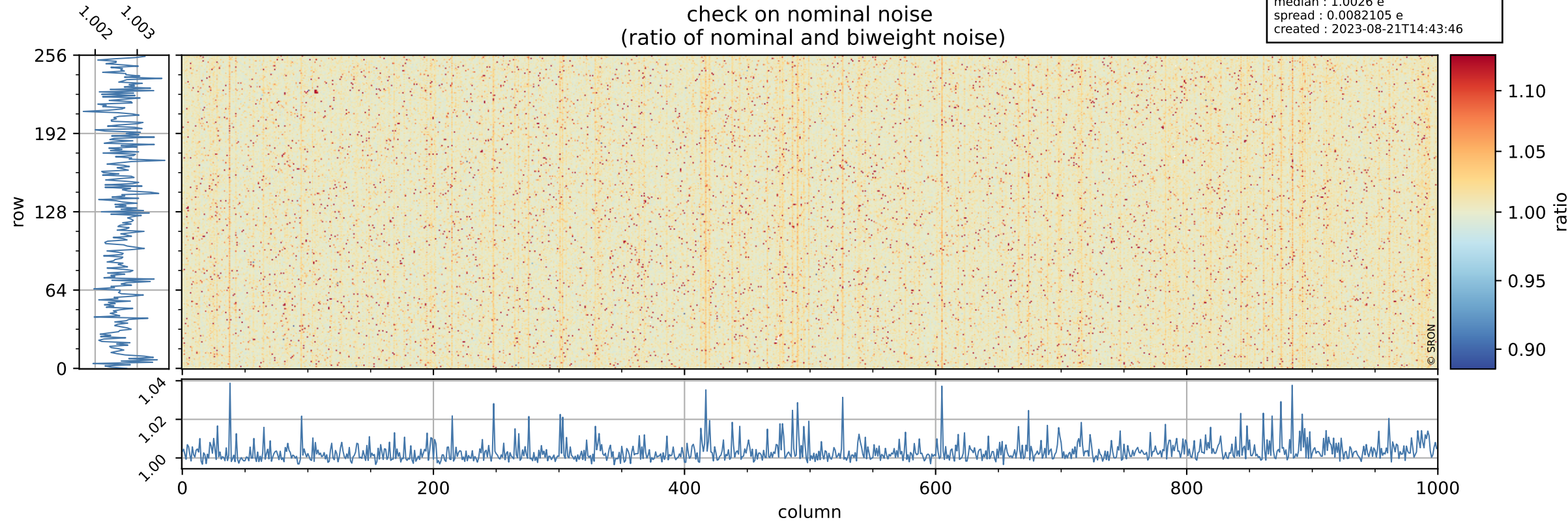
orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
median : 0.99875 e
spread : 0.0061198 e
created : 2023-08-21T14:43:45



Tropomi SWIR background noise (swir)

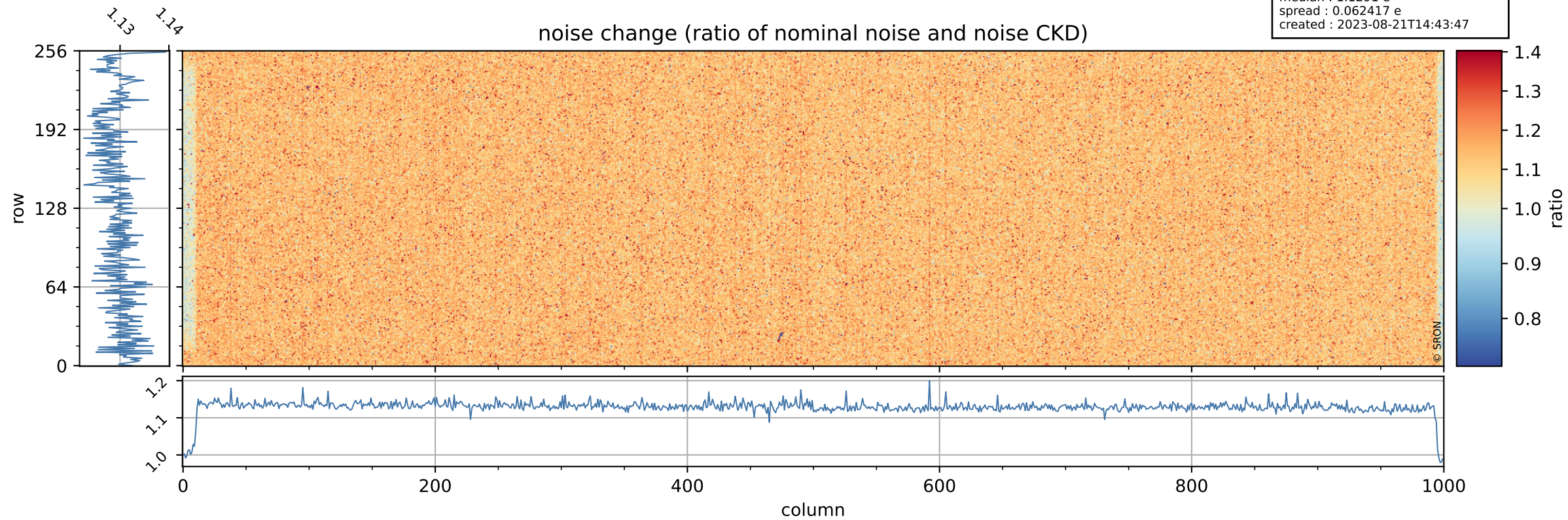
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
median : 1.0026 e
spread : 0.0082105 e
created : 2023-08-21T14:43:46



Tropomi SWIR background noise (swir)

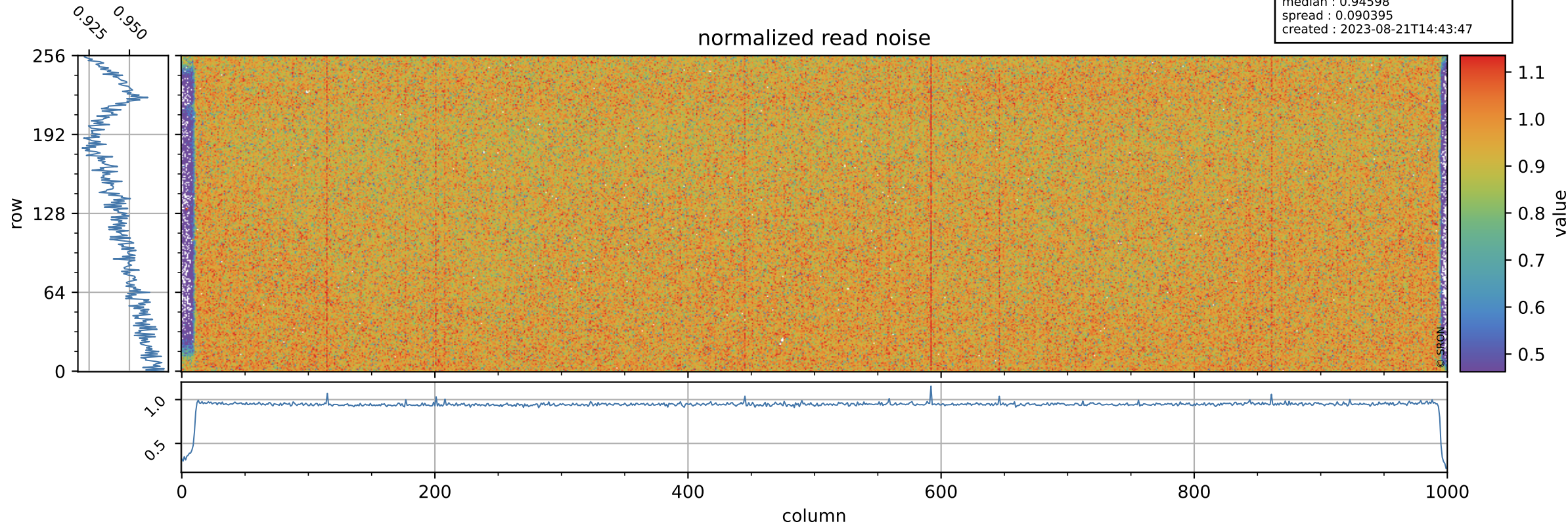
orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
median : 1.1291 e
spread : 0.062417 e
created : 2023-08-21T14:43:47



Tropomi SWIR background noise (swir)

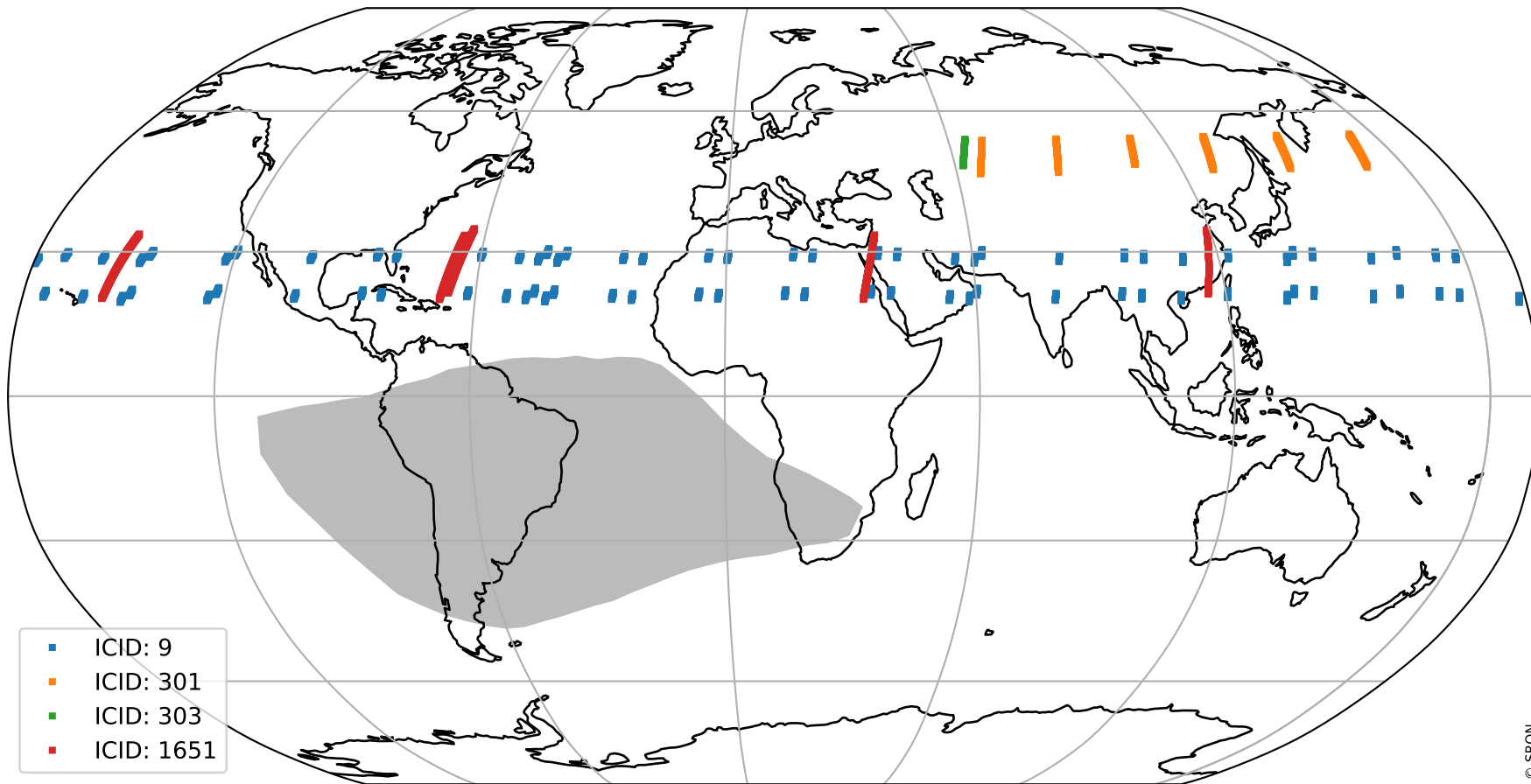
orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
median : 0.94598
spread : 0.090395
created : 2023-08-21T14:43:47

normalized read noise



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

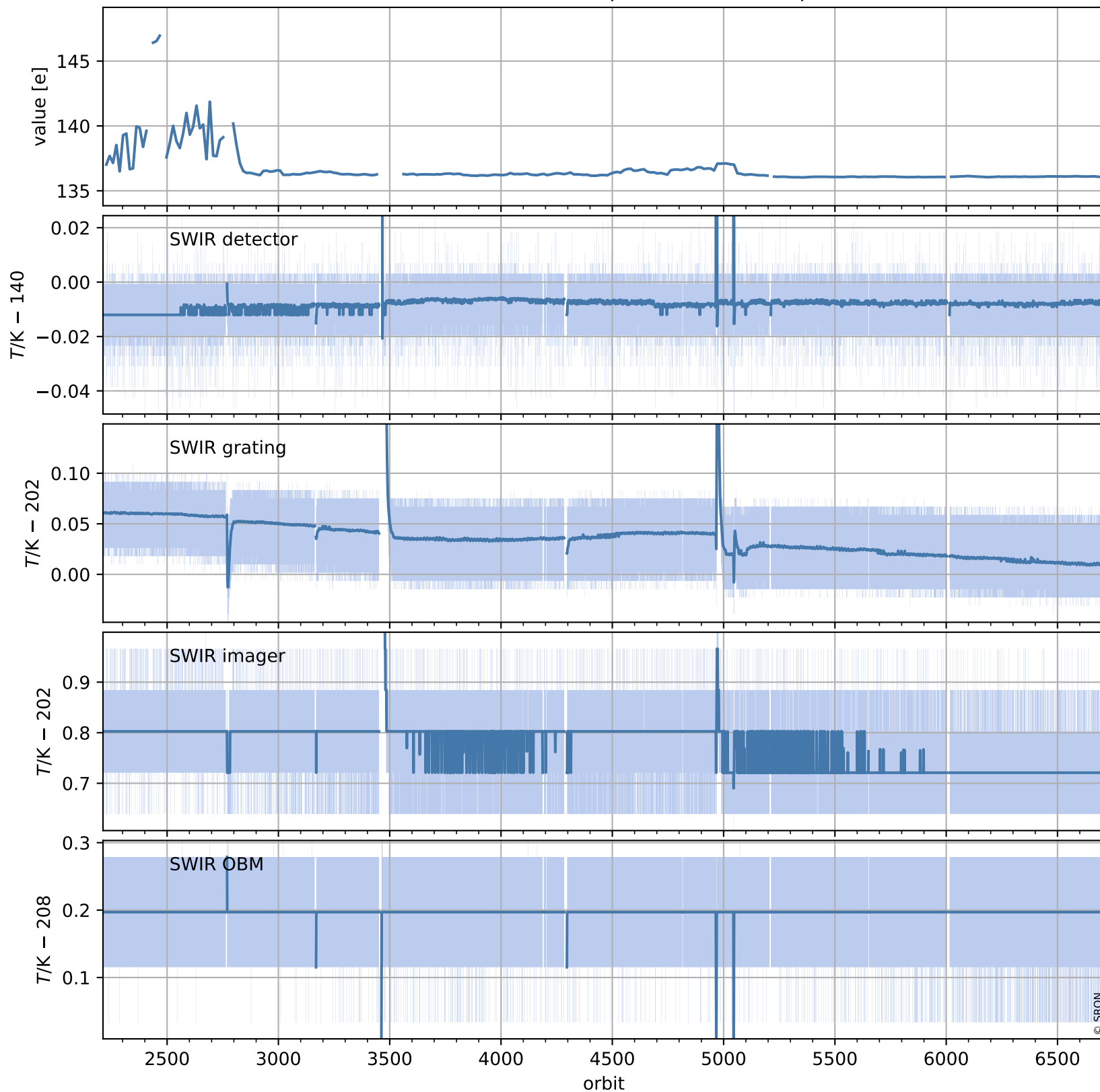
orbits : 12 in [6622, 6712]
coverage : 2019-01-23 / 2019-01-29
created : 2023-08-21T14:43:47



Tropomi SWIR background noise (swir)

orbits : [2212, 6712]
coverage : 2018-03-18 / 2019-01-29
created : 2023-08-21T14:43:48

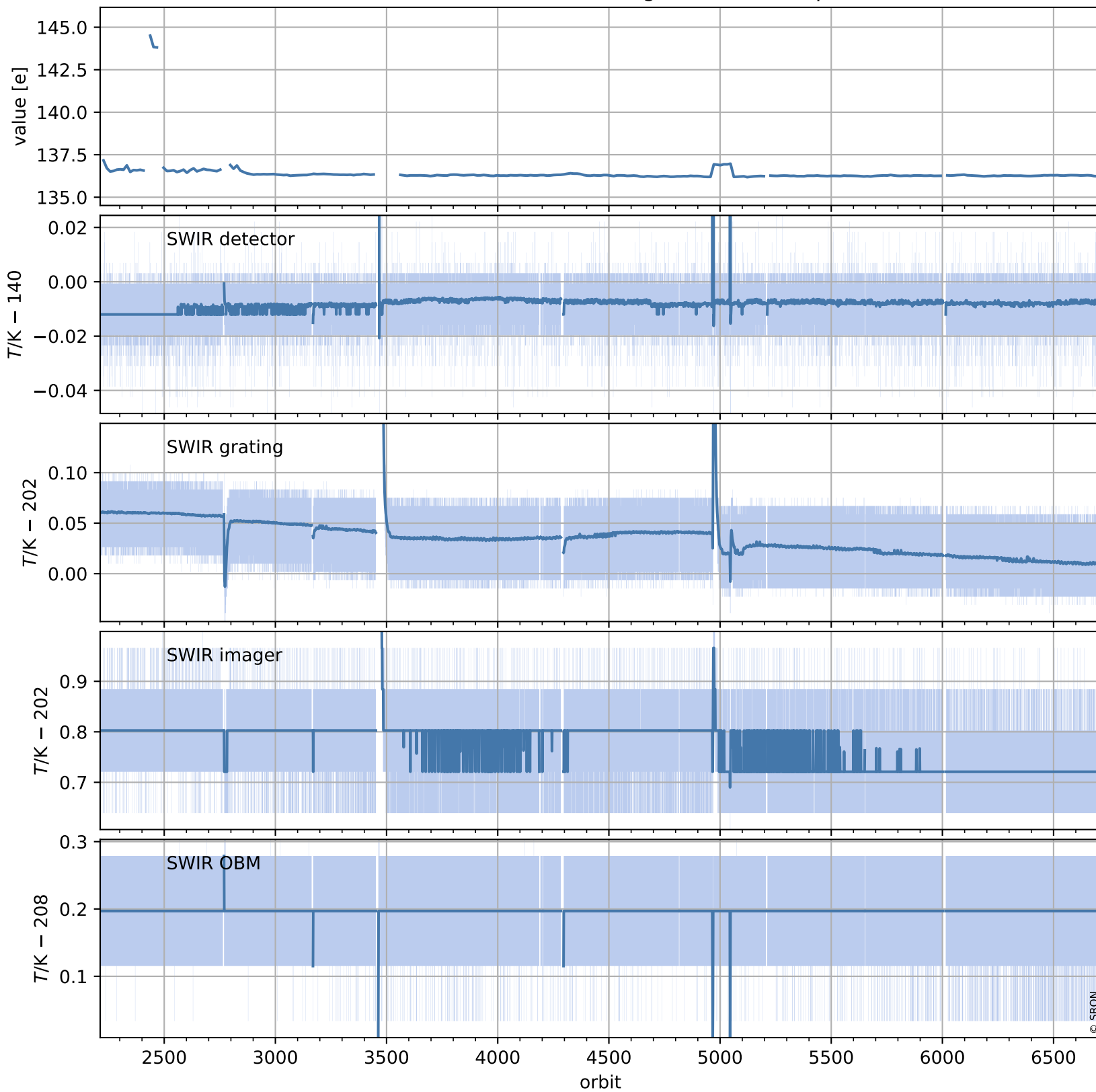
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6712]
coverage : 2018-03-18 / 2019-01-29
created : 2023-08-21T14:43:48

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6712]
coverage : 2018-03-18 / 2019-01-29
created : 2023-08-21T14:43:49

trend of normalized read-noise & temperatures

