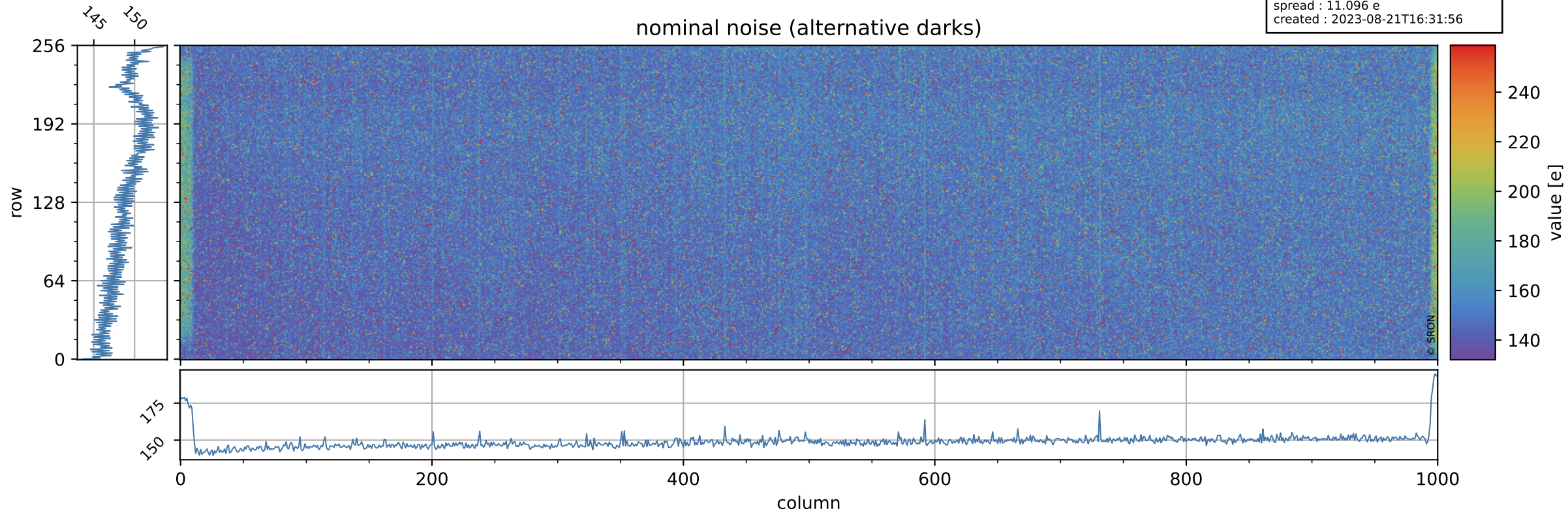


Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 11.096 e
created : 2023-08-21T16:31:56

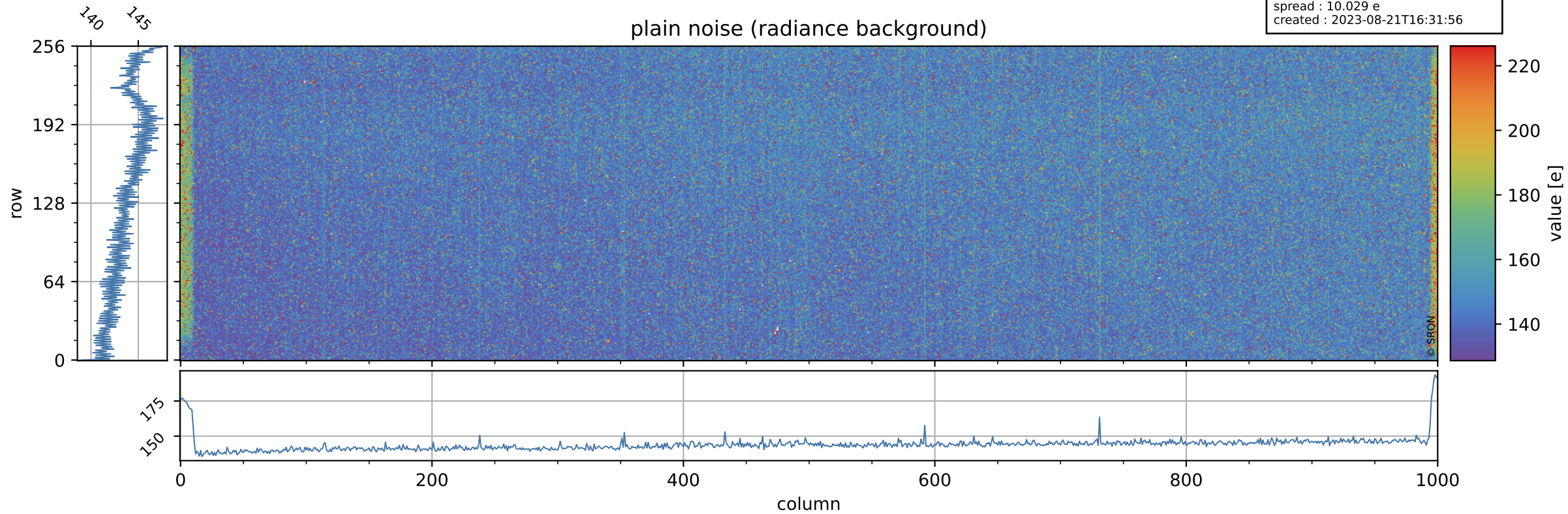
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
n_coad, t_exp : 1, 0.8383
median : 143.68 e
spread : 10.029 e
created : 2023-08-21T16:31:56

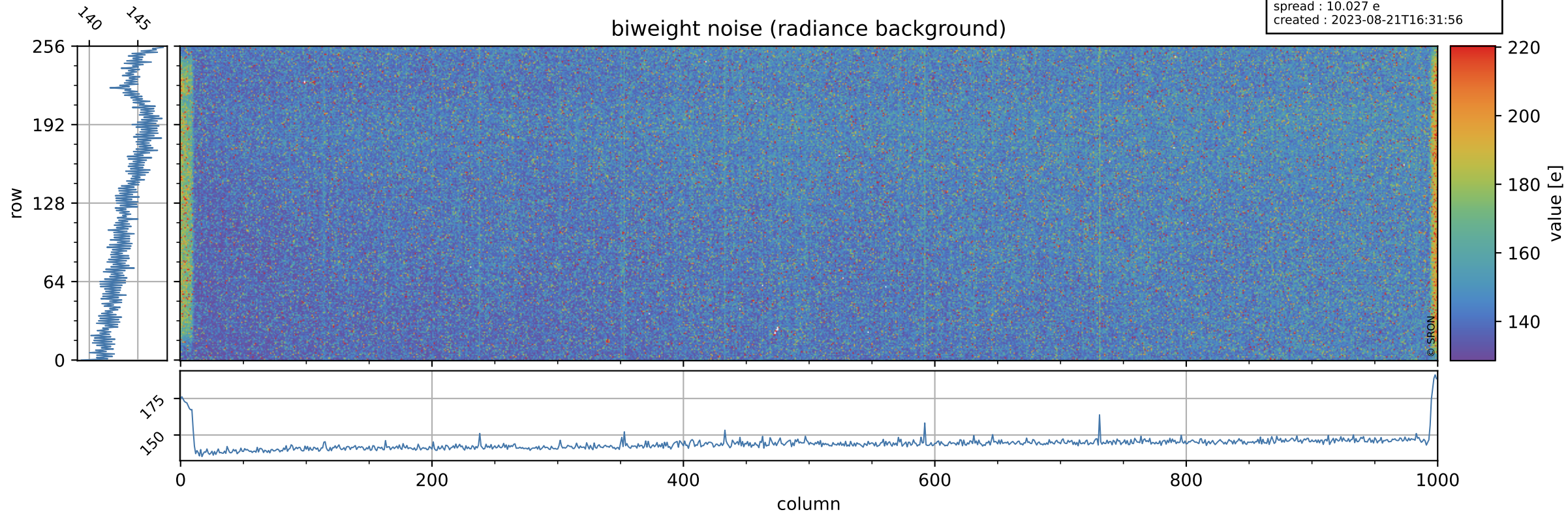
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 10.027 e
created : 2023-08-21T16:31:56

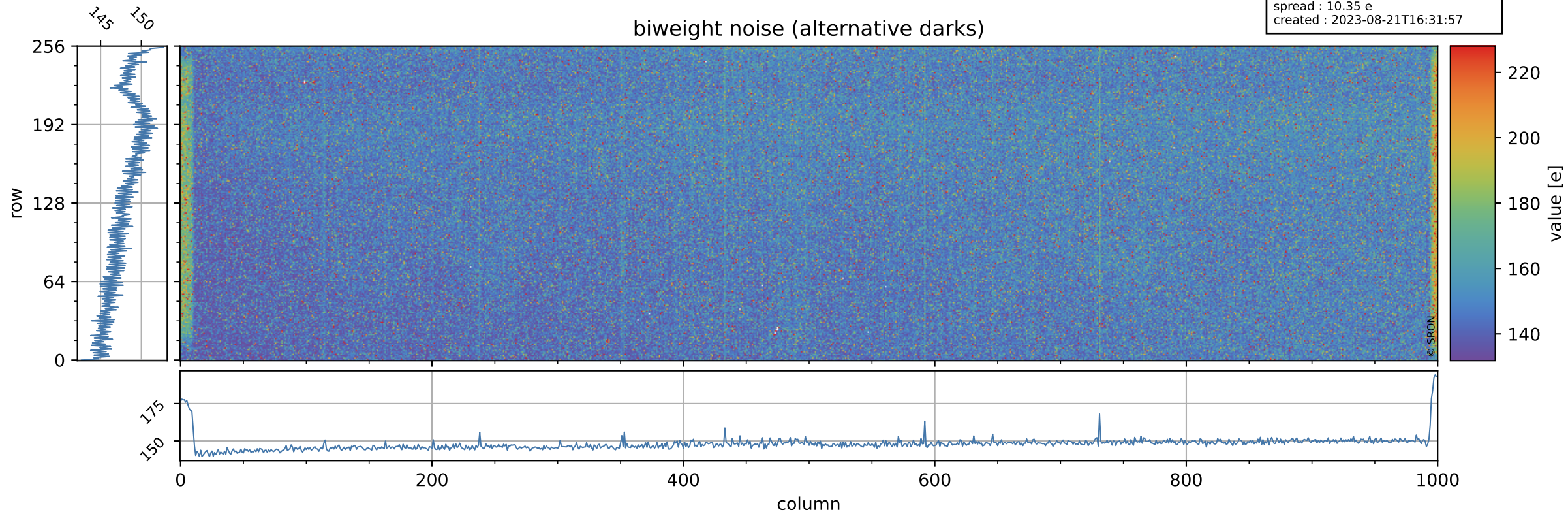
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.35 e
created : 2023-08-21T16:31:57

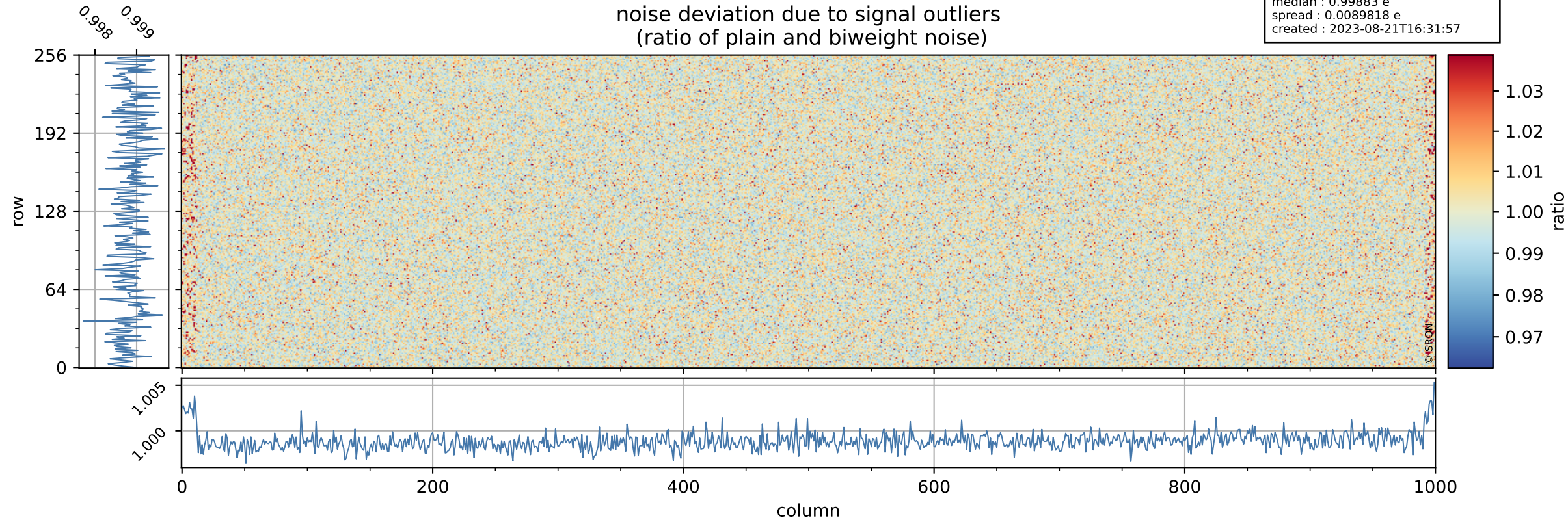
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

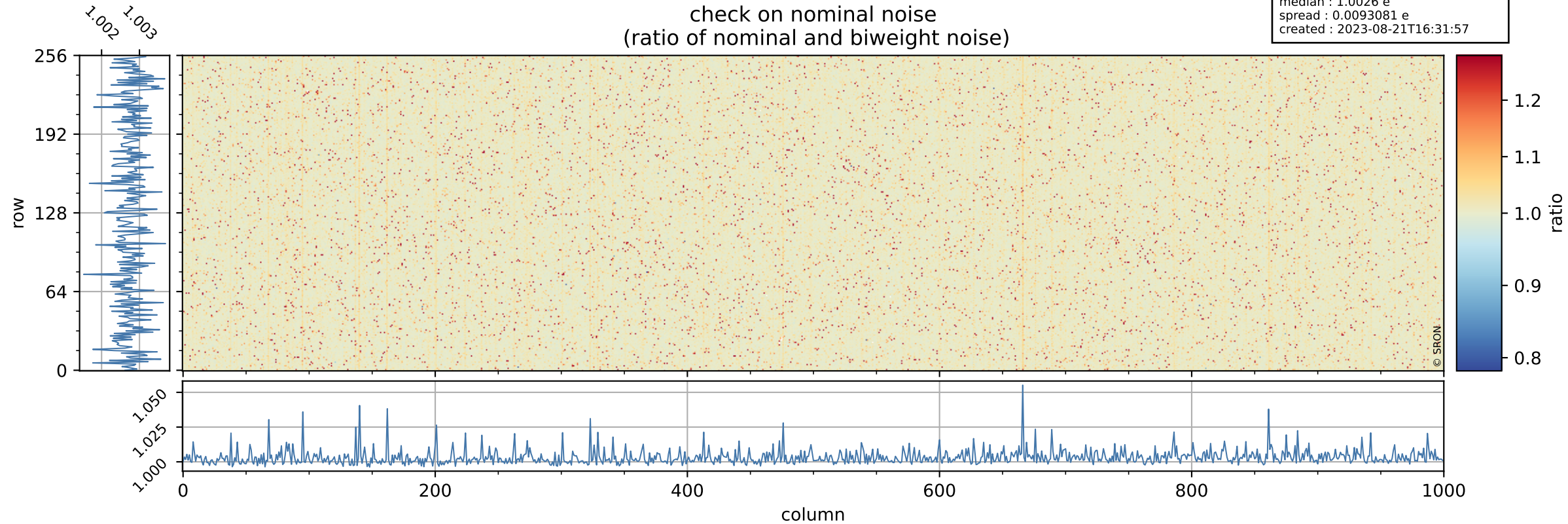
orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
median : 0.99883 e
spread : 0.0089818 e
created : 2023-08-21T16:31:57



Tropomi SWIR background noise (swir)

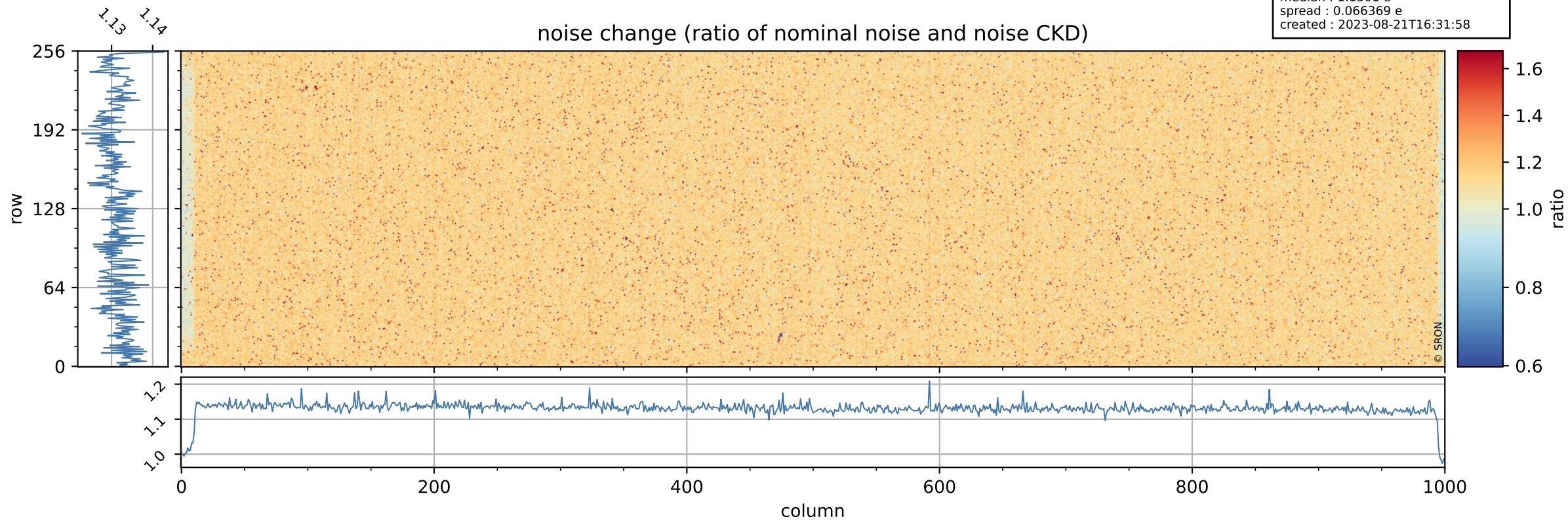
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
median : 1.0026 e
spread : 0.0093081 e
created : 2023-08-21T16:31:57



Tropomi SWIR background noise (swir)

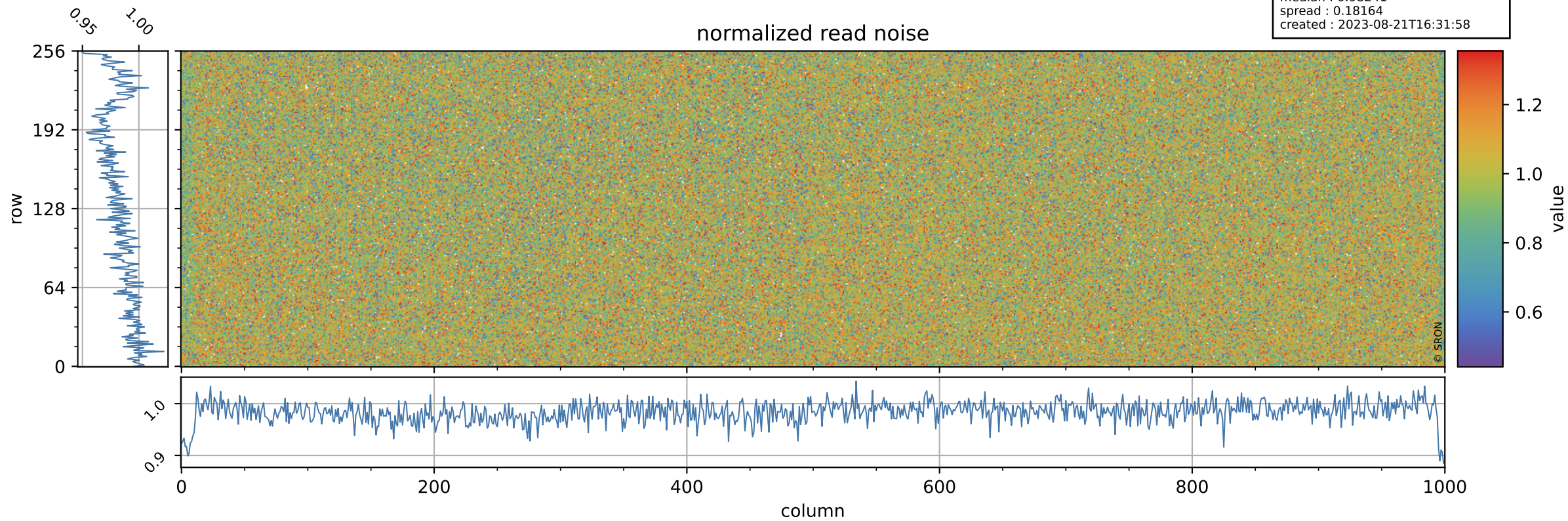
orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
median : 1.1301 e
spread : 0.066369 e
created : 2023-08-21T16:31:58



Tropomi SWIR background noise (swir)

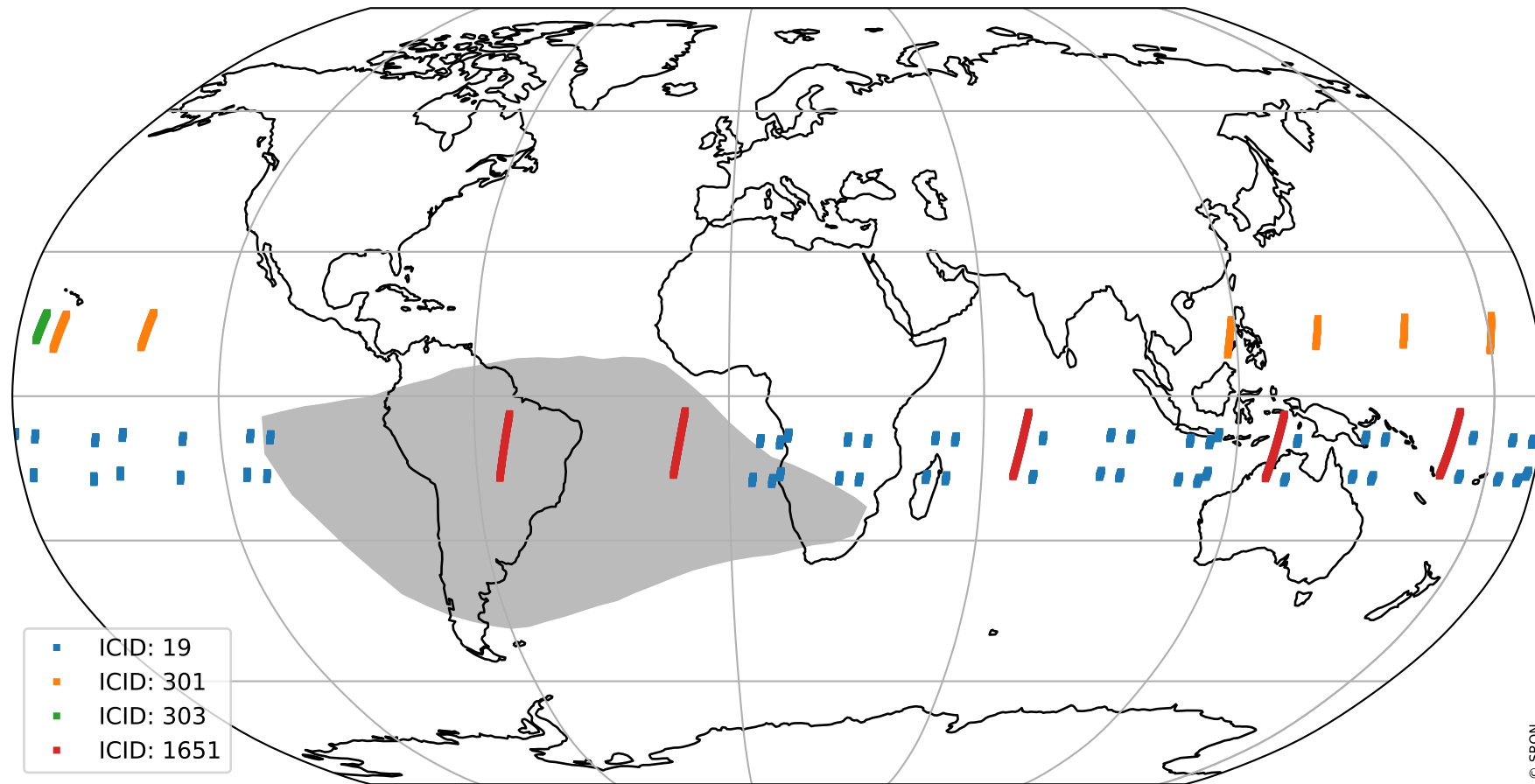
orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
median : 0.98241
spread : 0.18164
created : 2023-08-21T16:31:58

normalized read noise



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

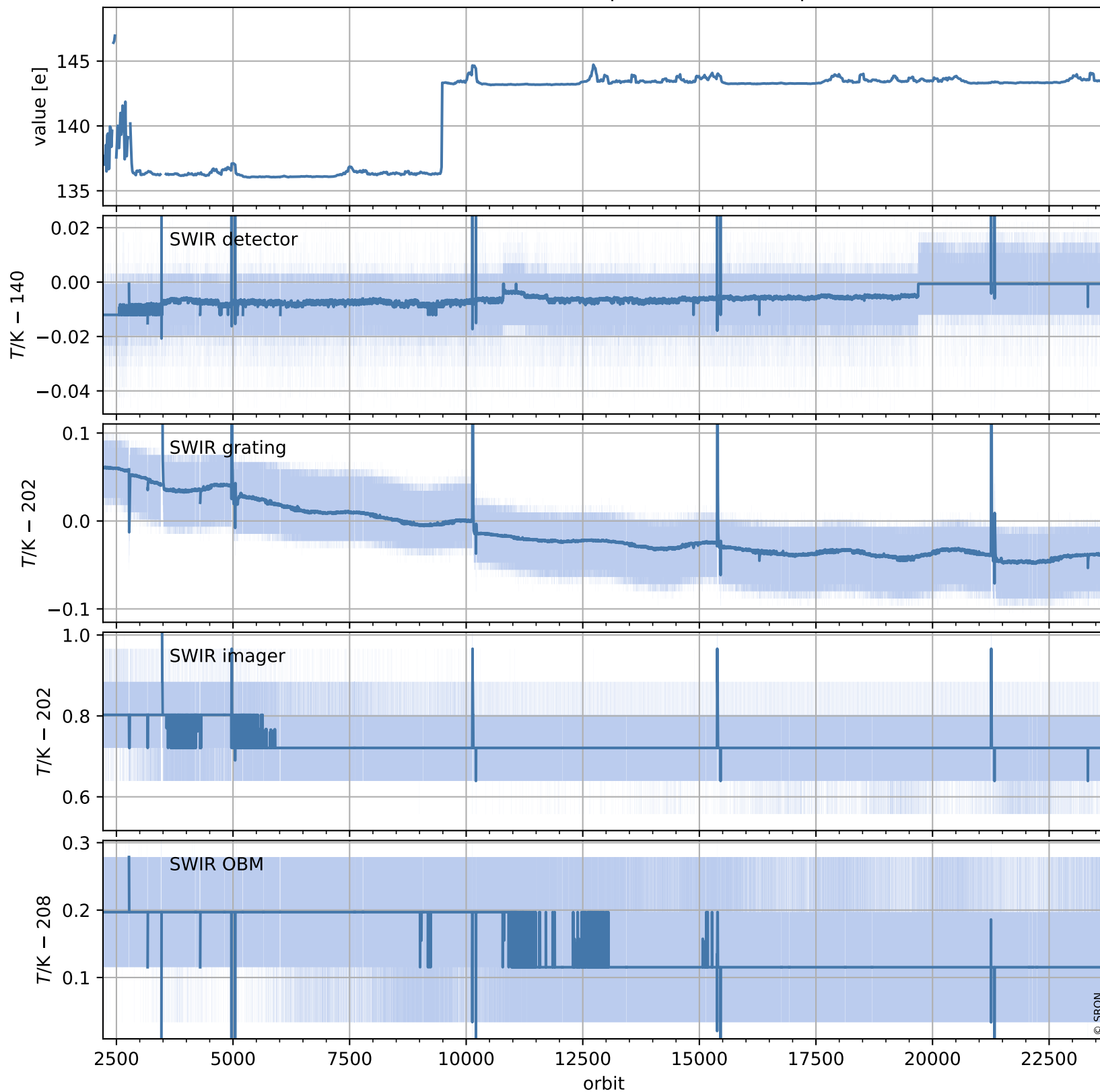
orbits : 12 in [23617, 23692]
coverage : 2022-05-04 / 2022-05-09
created : 2023-08-21T16:31:58



Tropomi SWIR background noise (swir)

orbits : [2212, 23692]
coverage : 2018-03-18 / 2022-05-09
created : 2023-08-21T16:31:59

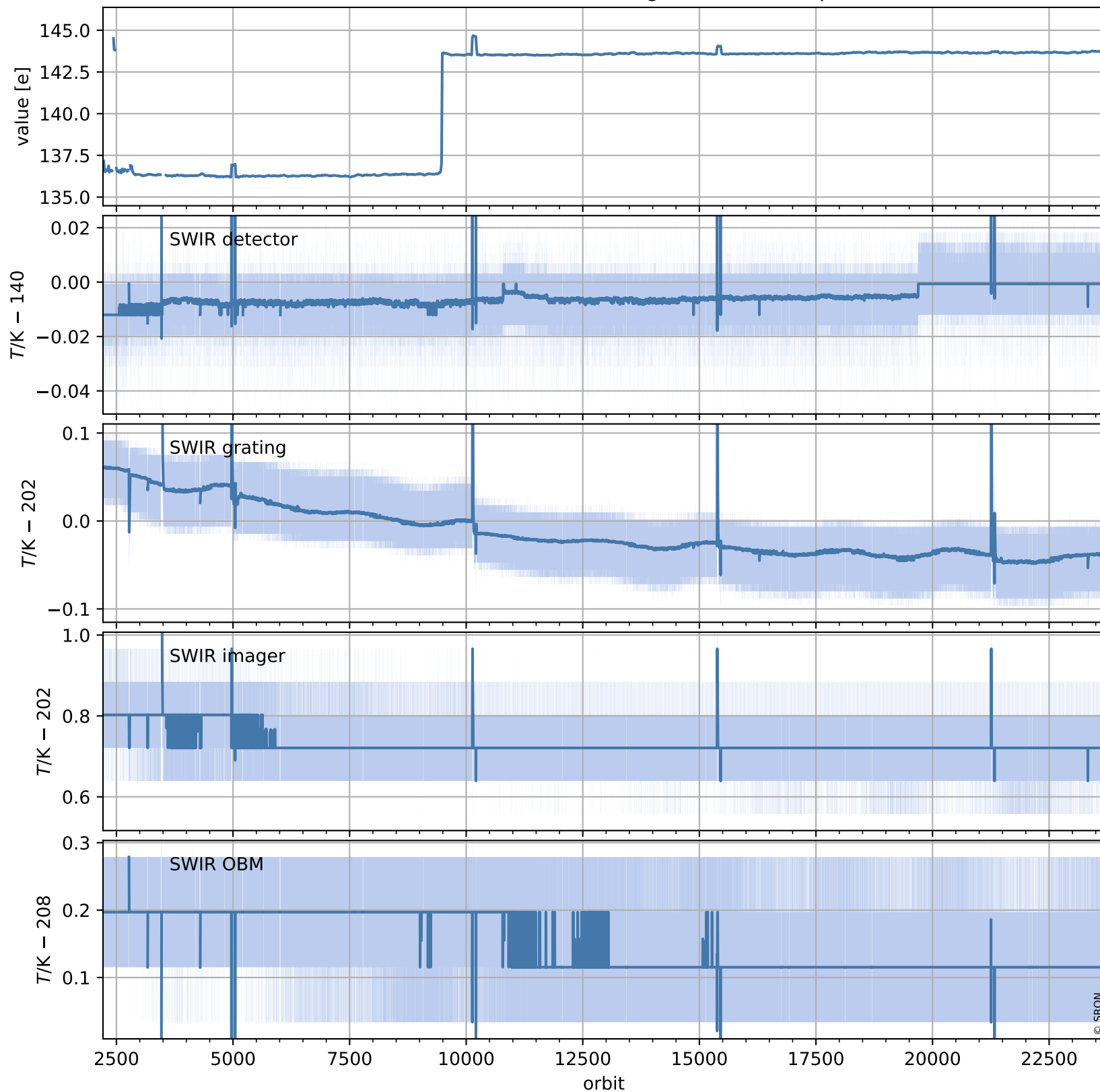
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23692]
coverage : 2018-03-18 / 2022-05-09
created : 2023-08-21T16:31:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23692]
coverage : 2018-03-18 / 2022-05-09
created : 2023-08-21T16:32:00

trend of normalized read-noise & temperatures

