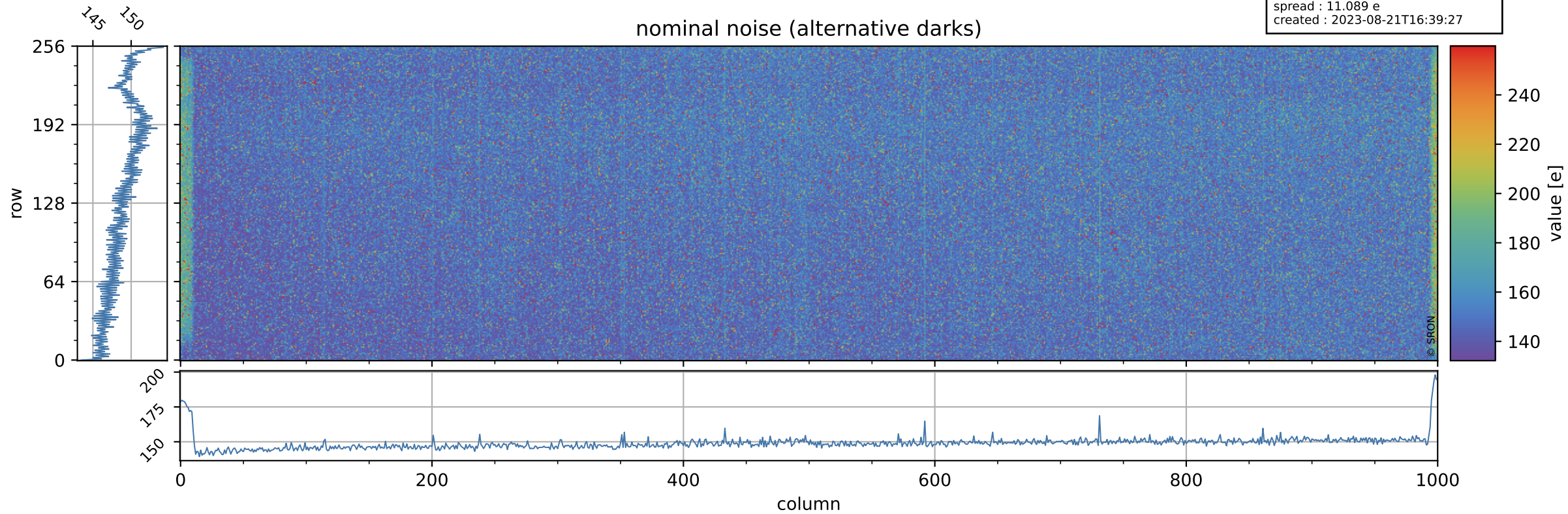


Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.089 e
created : 2023-08-21T16:39:27

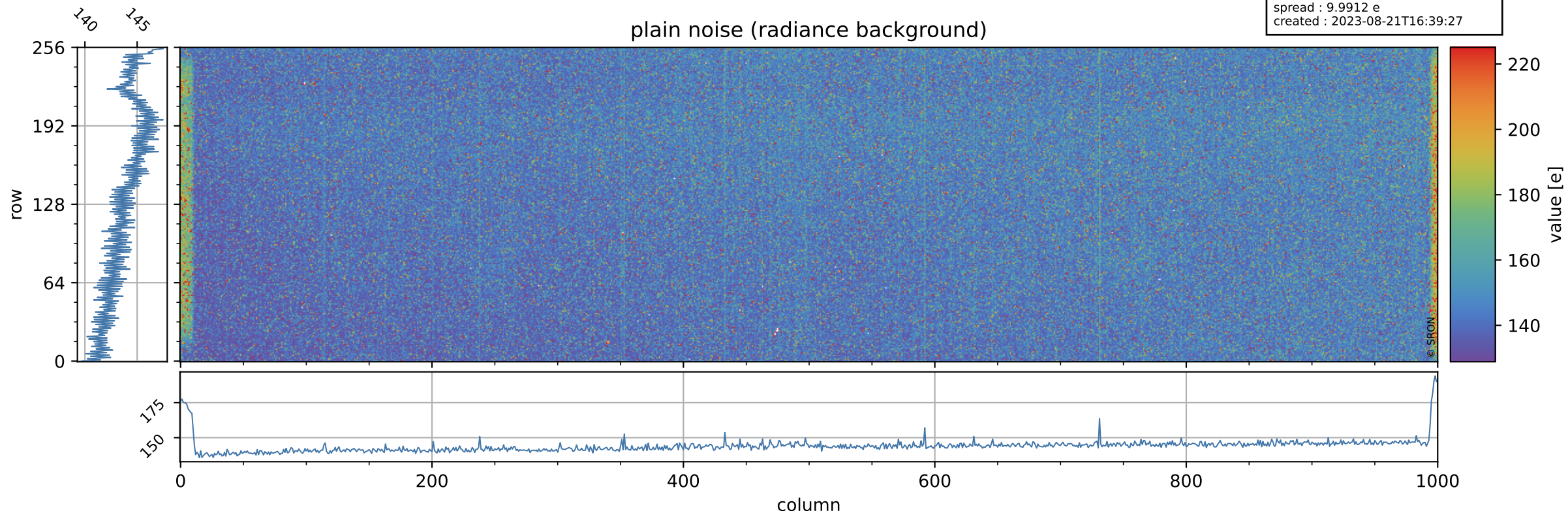
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.9912 e
created : 2023-08-21T16:39:27

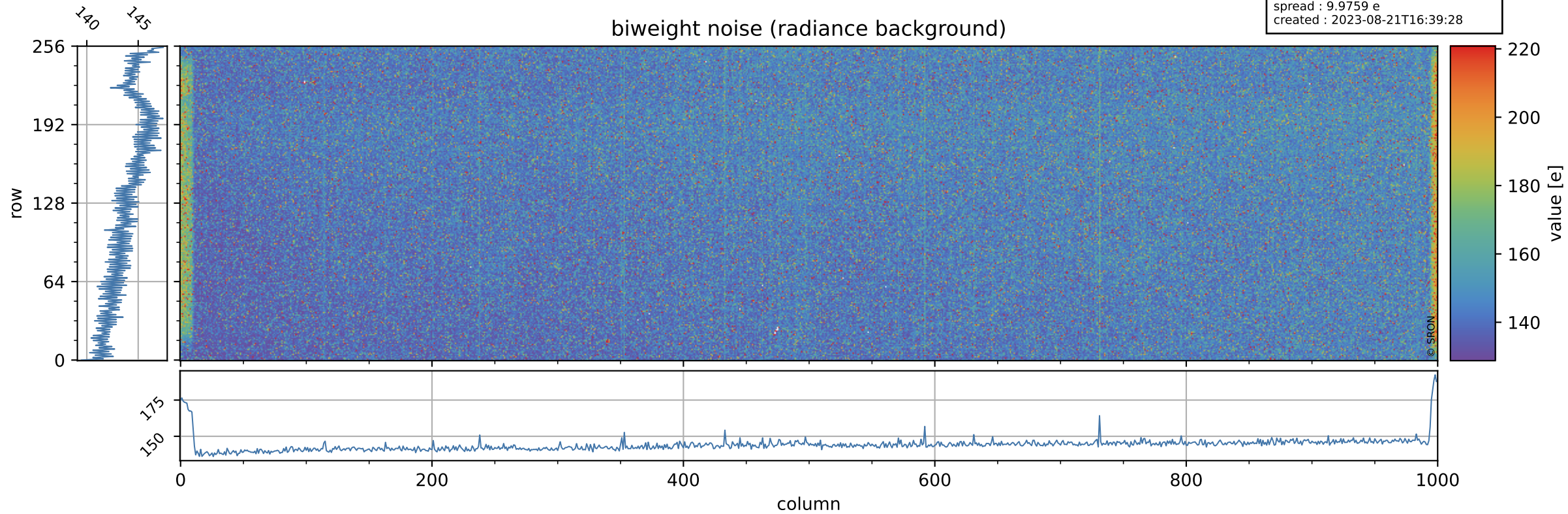
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9759 e
created : 2023-08-21T16:39:28

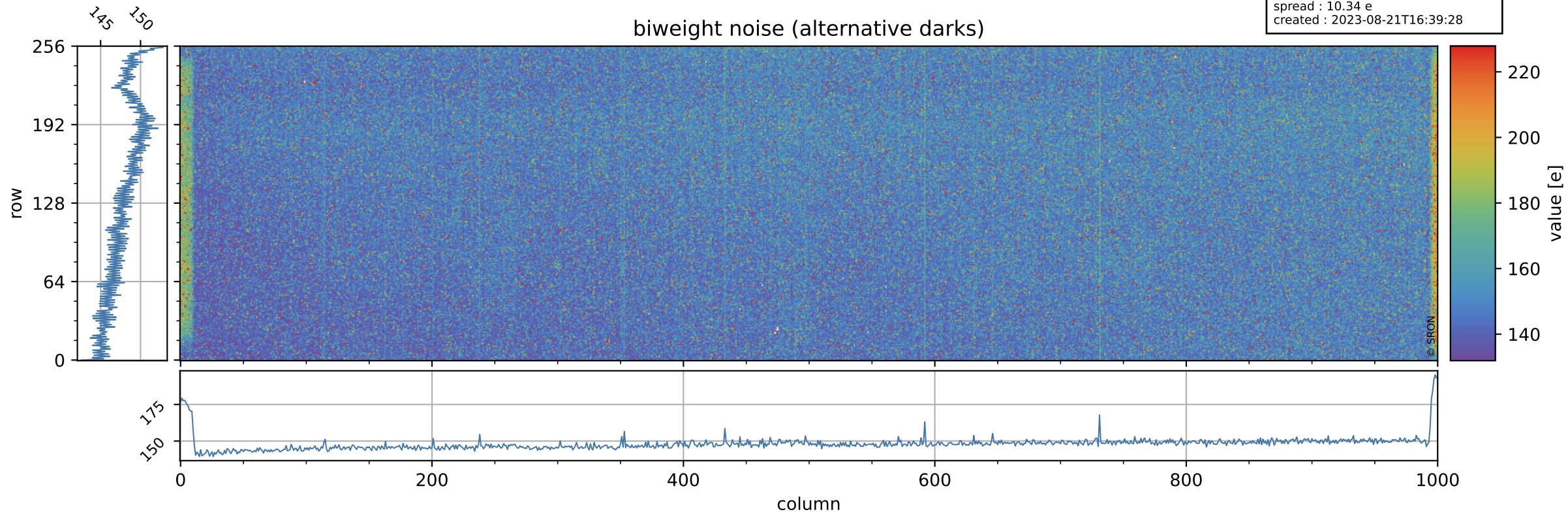
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.34 e
created : 2023-08-21T16:39:28

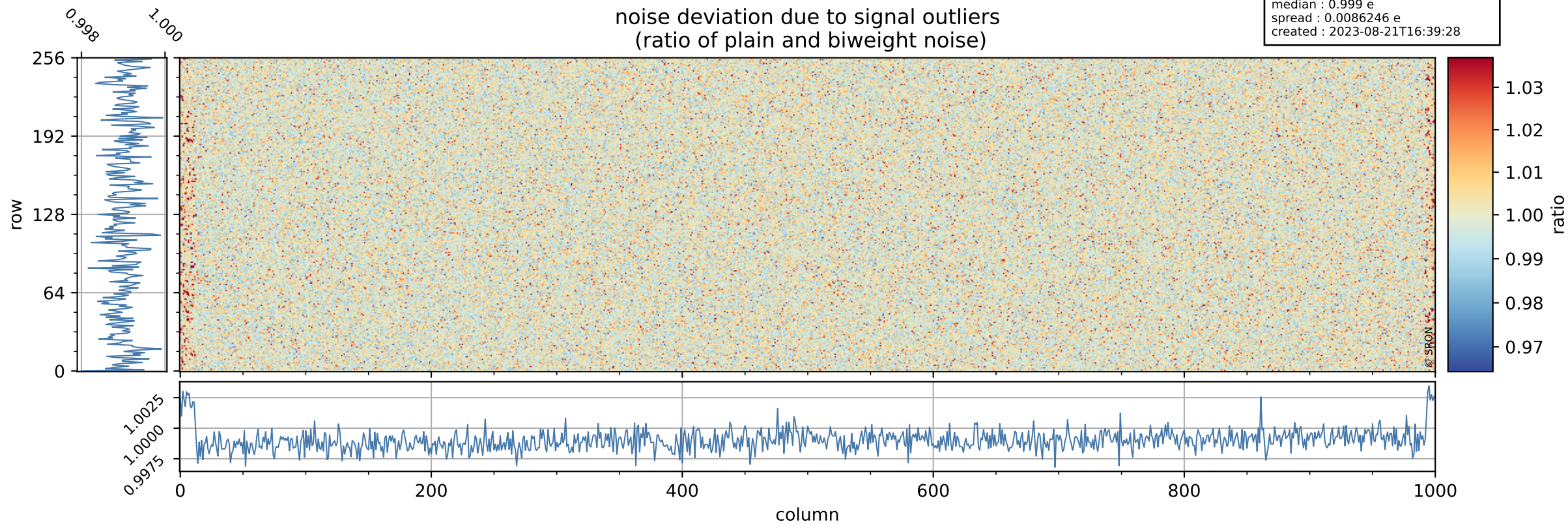
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

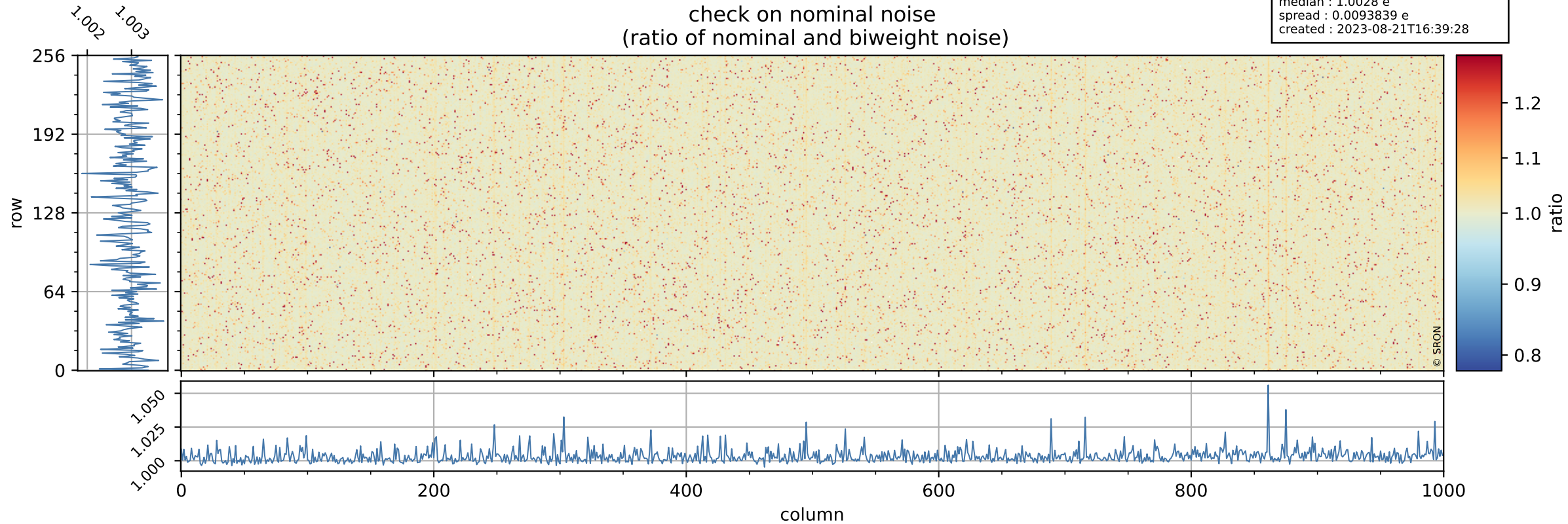
orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
median : 0.999 e
spread : 0.0086246 e
created : 2023-08-21T16:39:28



Tropomi SWIR background noise (swir)

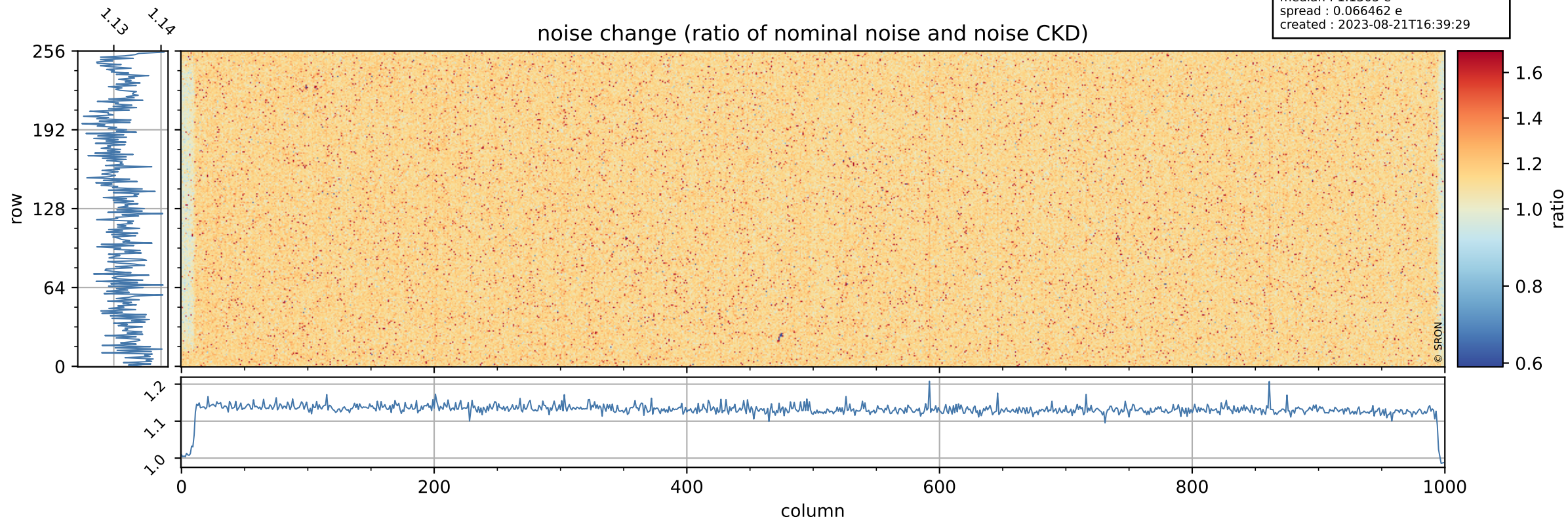
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
median : 1.0028 e
spread : 0.0093839 e
created : 2023-08-21T16:39:28



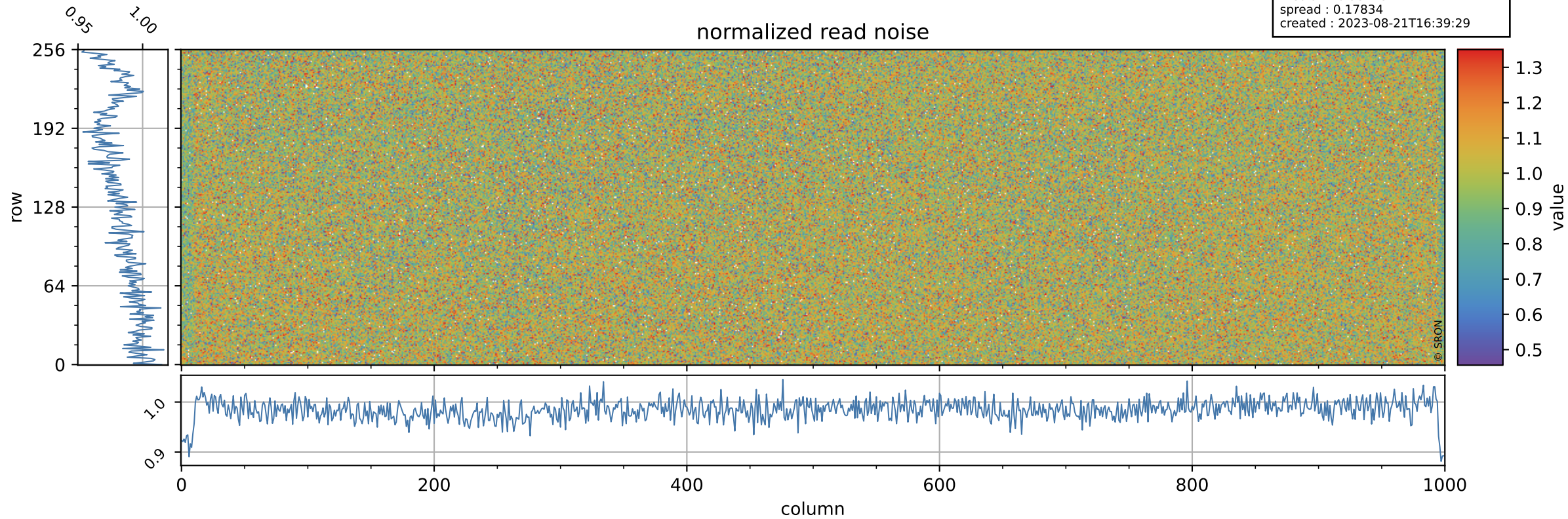
Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
median : 1.1305 e
spread : 0.066462 e
created : 2023-08-21T16:39:29



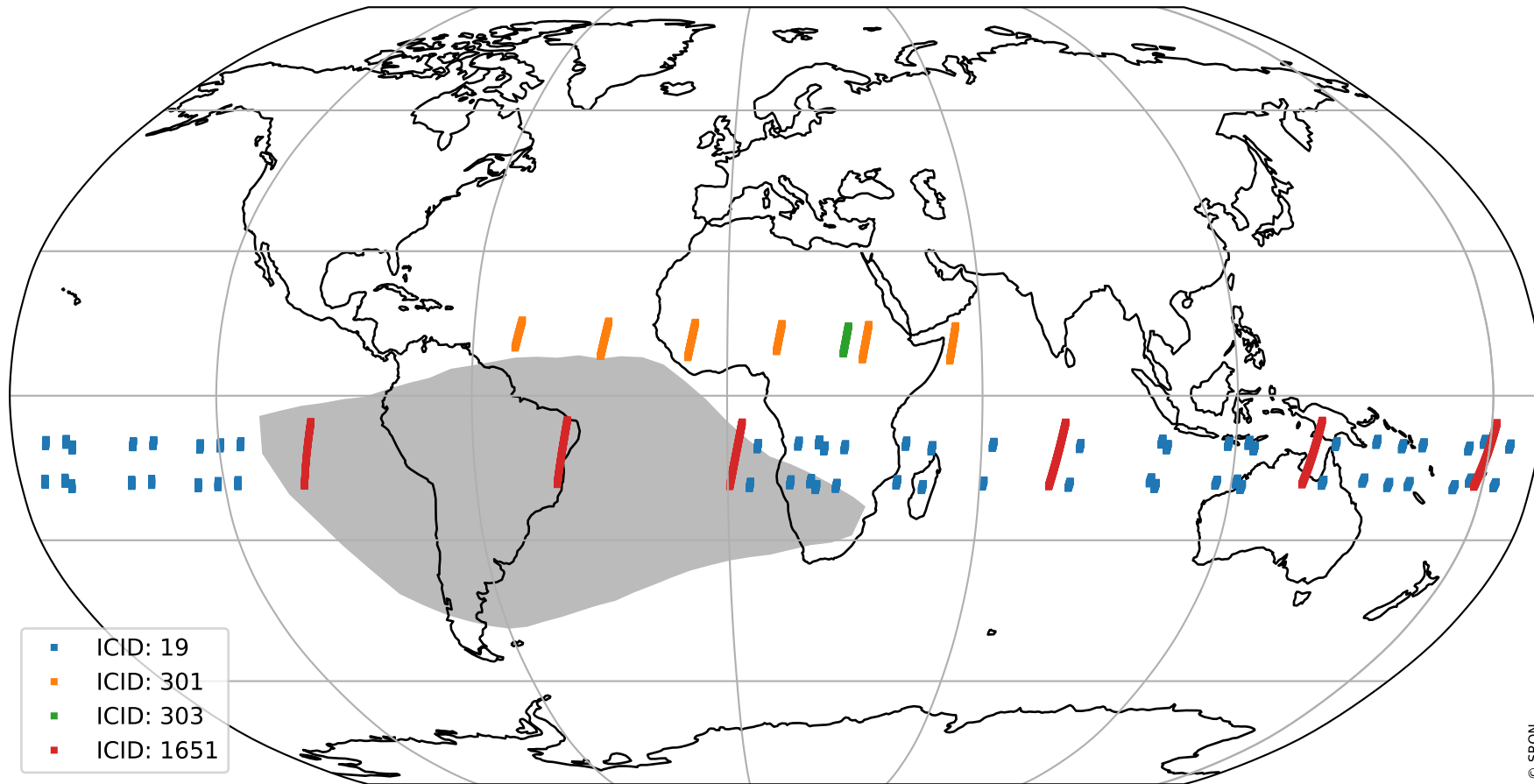
Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
median : 0.98278
spread : 0.17834
created : 2023-08-21T16:39:29



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

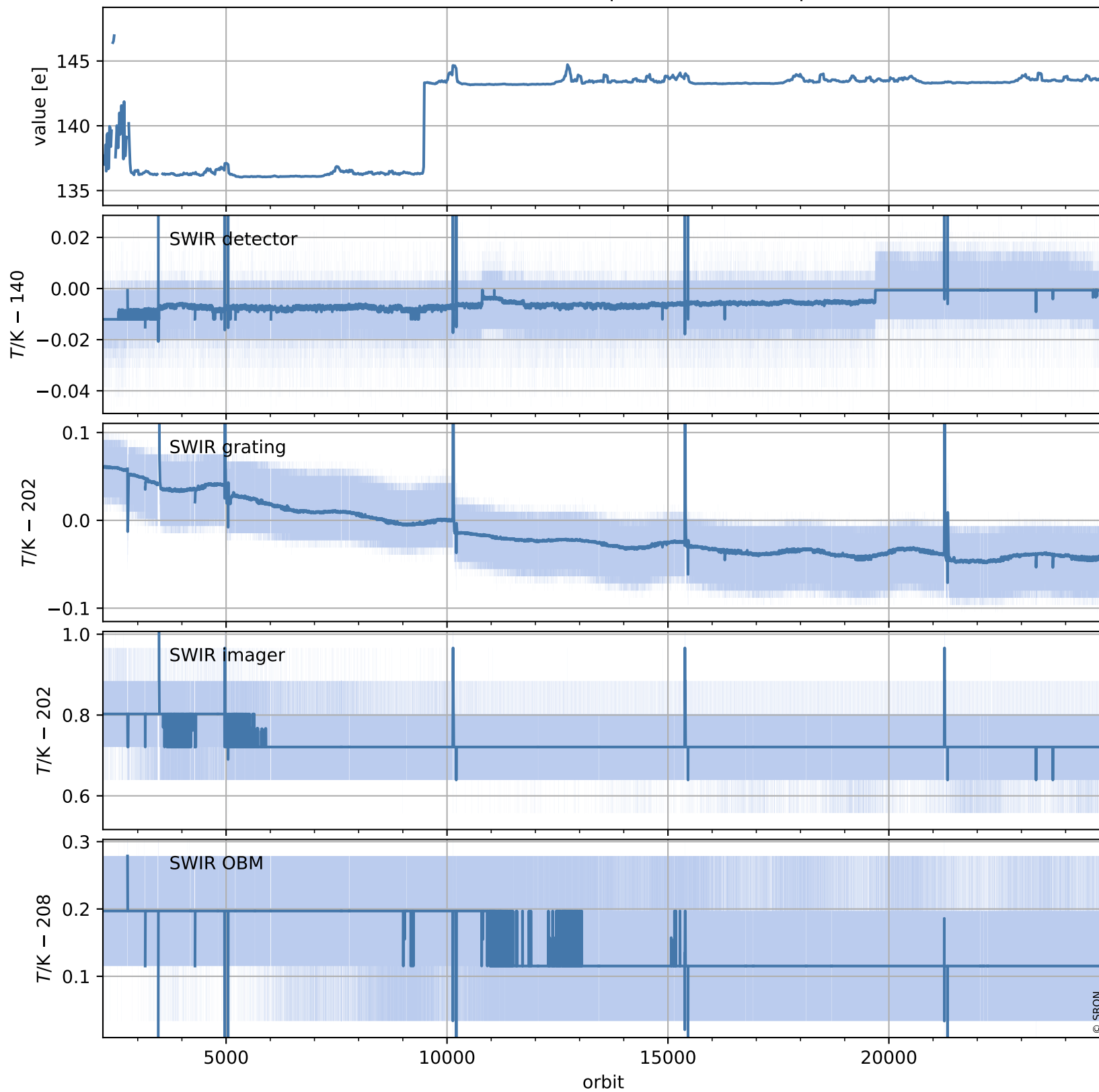
orbits : 13 in [24787, 24862]
coverage : 2022-07-25 / 2022-07-31
created : 2023-08-21T16:39:29



Tropomi SWIR background noise (swir)

orbits : [2212, 24862]
coverage : 2018-03-18 / 2022-07-31
created : 2023-08-21T16:39:30

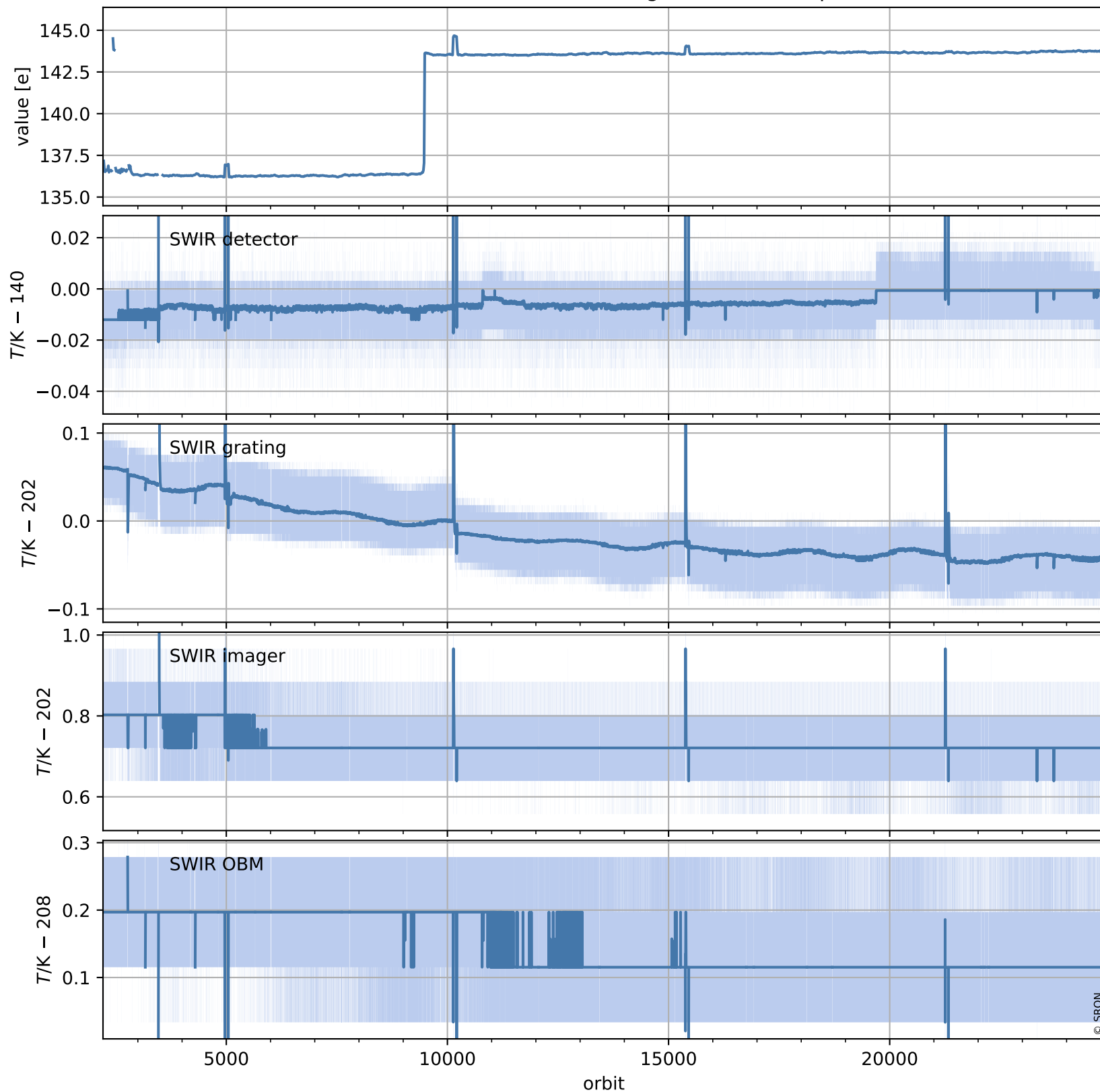
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24862]
coverage : 2018-03-18 / 2022-07-31
created : 2023-08-21T16:39:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24862]
coverage : 2018-03-18 / 2022-07-31
created : 2023-08-21T16:39:31

trend of normalized read-noise & temperatures

