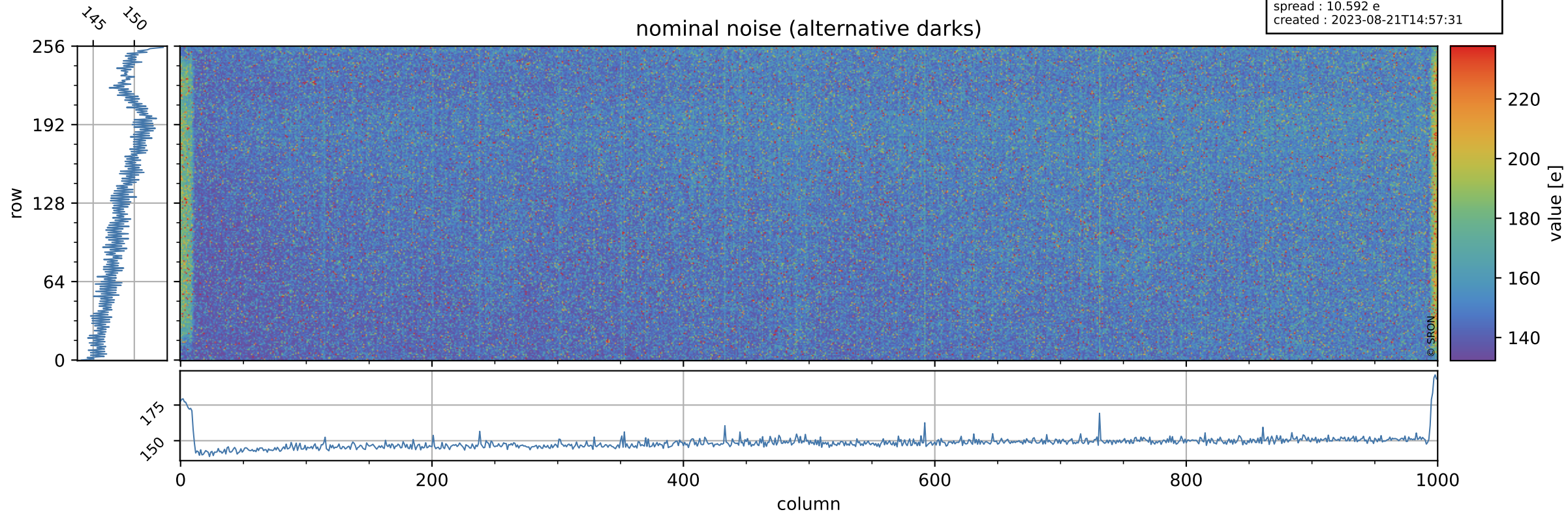


Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.592 e
created : 2023-08-21T14:57:31

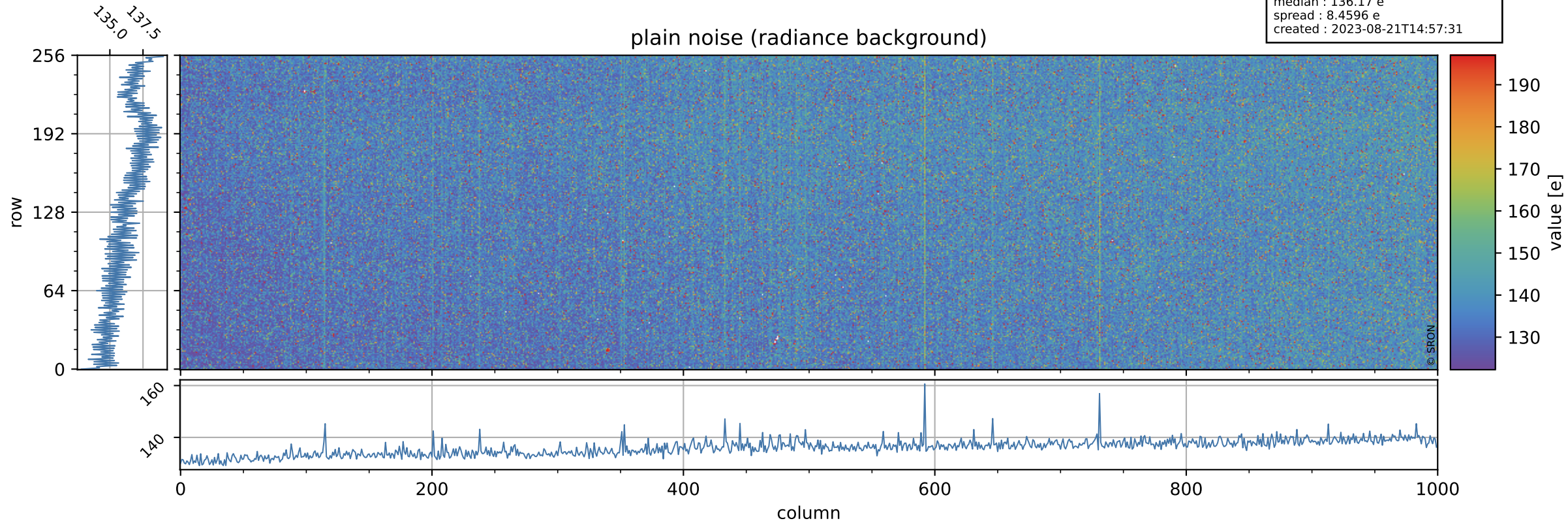
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.4596 e
created : 2023-08-21T14:57:31

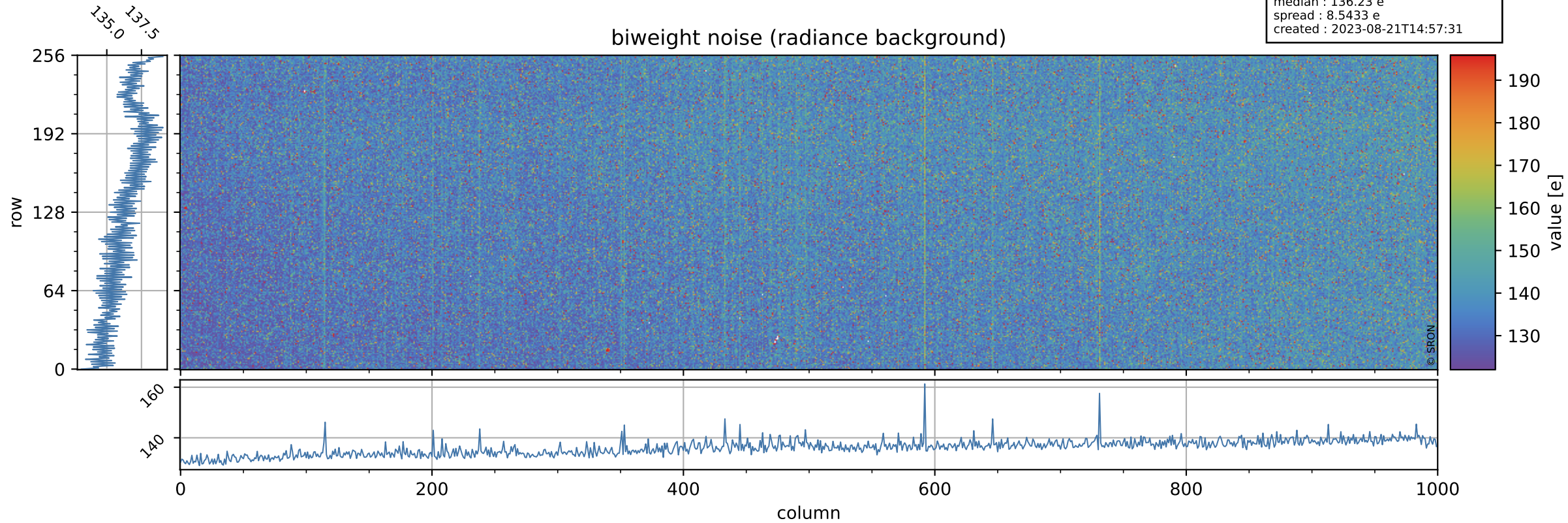
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.5433 e
created : 2023-08-21T14:57:31

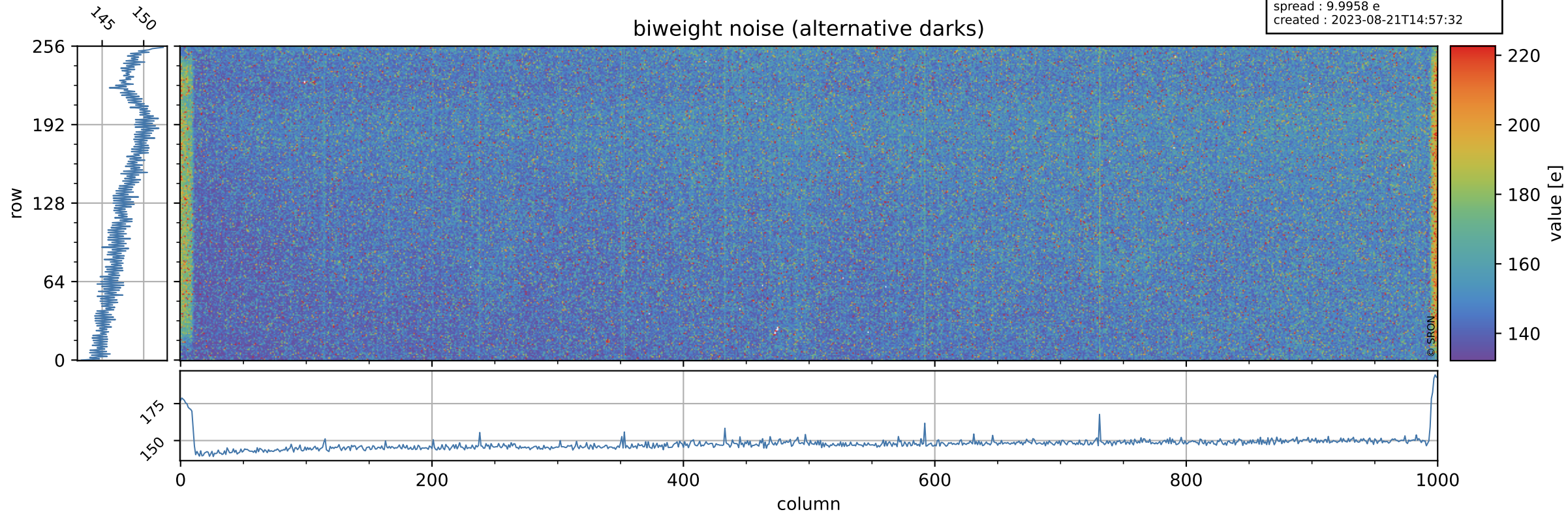
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9958 e
created : 2023-08-21T14:57:32

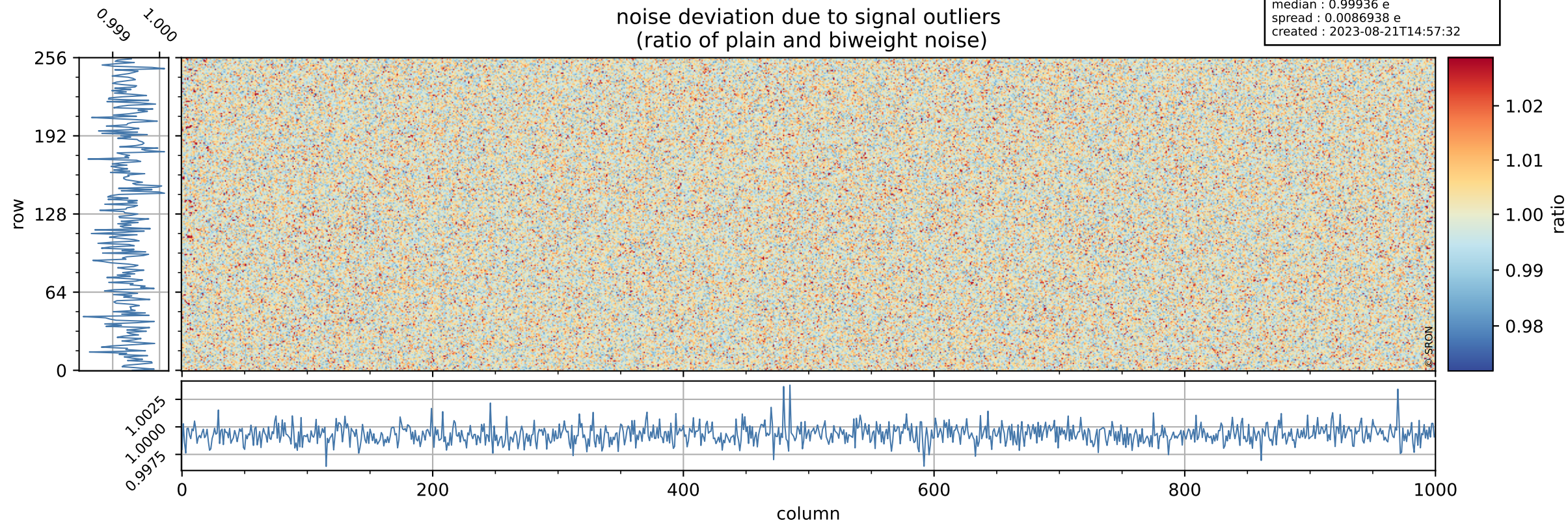
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

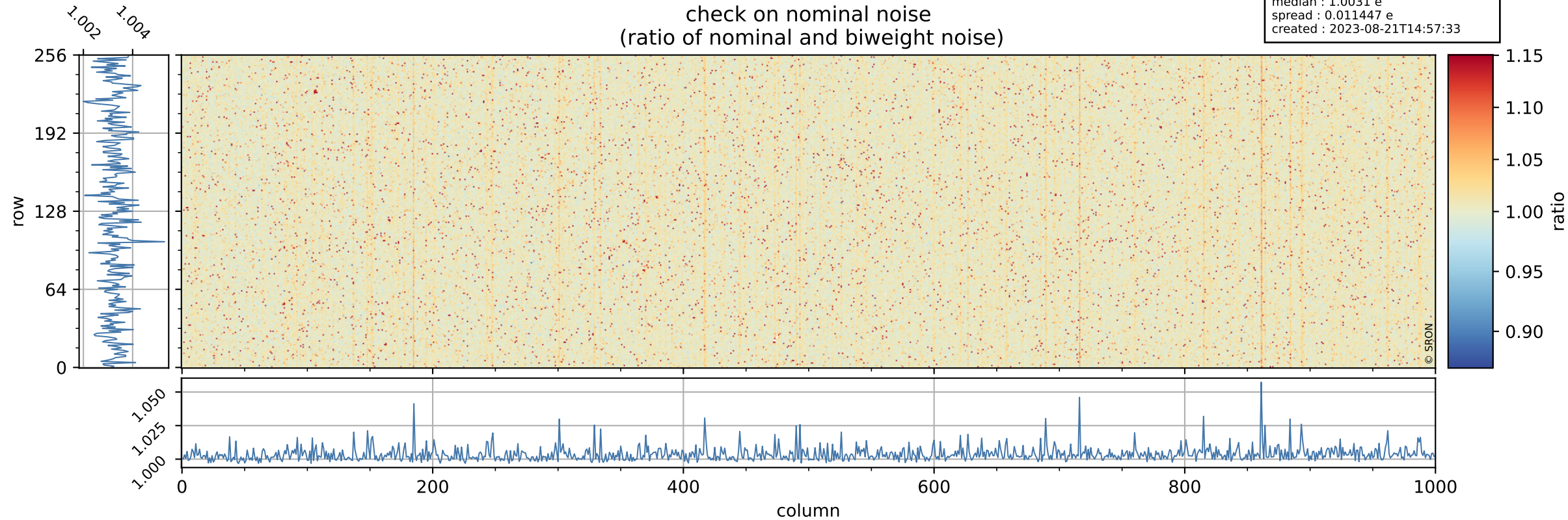
orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
median : 0.99936 e
spread : 0.0086938 e
created : 2023-08-21T14:57:32



Tropomi SWIR background noise (swir)

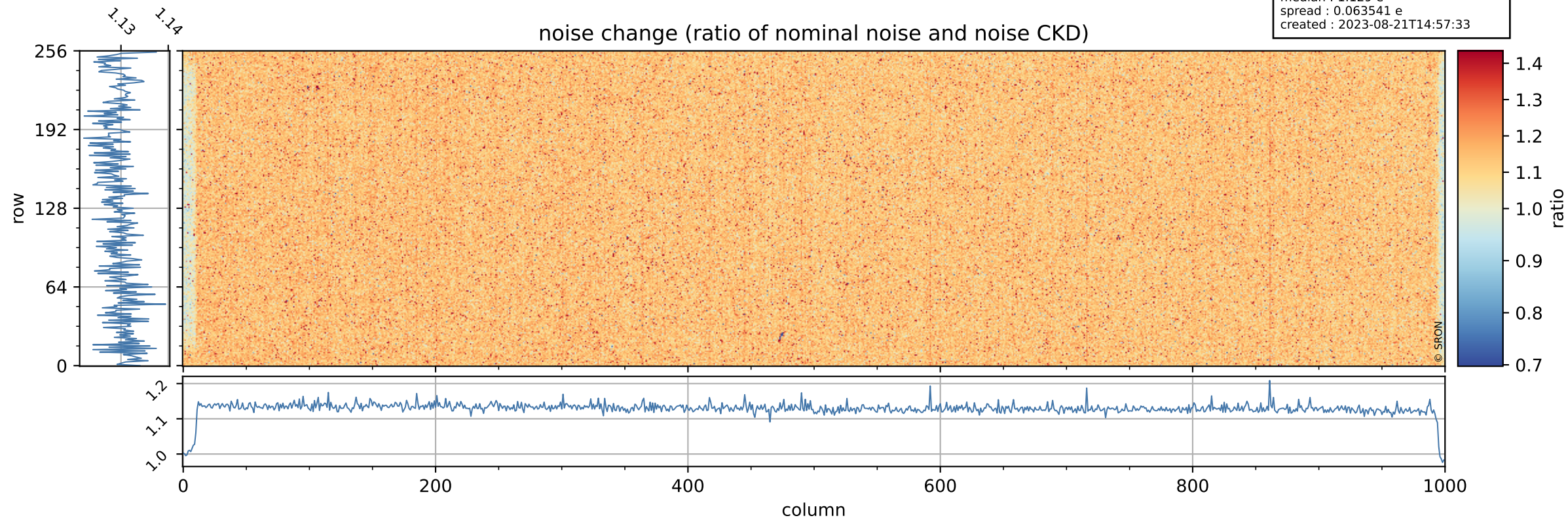
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
median : 1.0031 e
spread : 0.011447 e
created : 2023-08-21T14:57:33



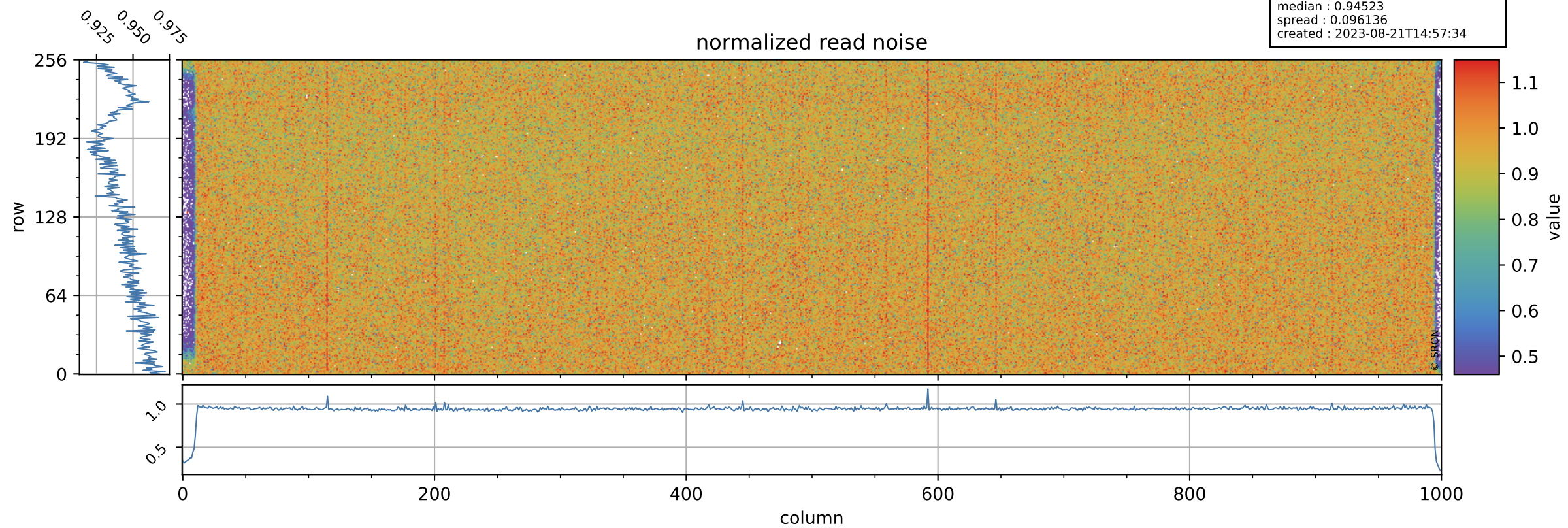
Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
median : 1.129 e
spread : 0.063541 e
created : 2023-08-21T14:57:33



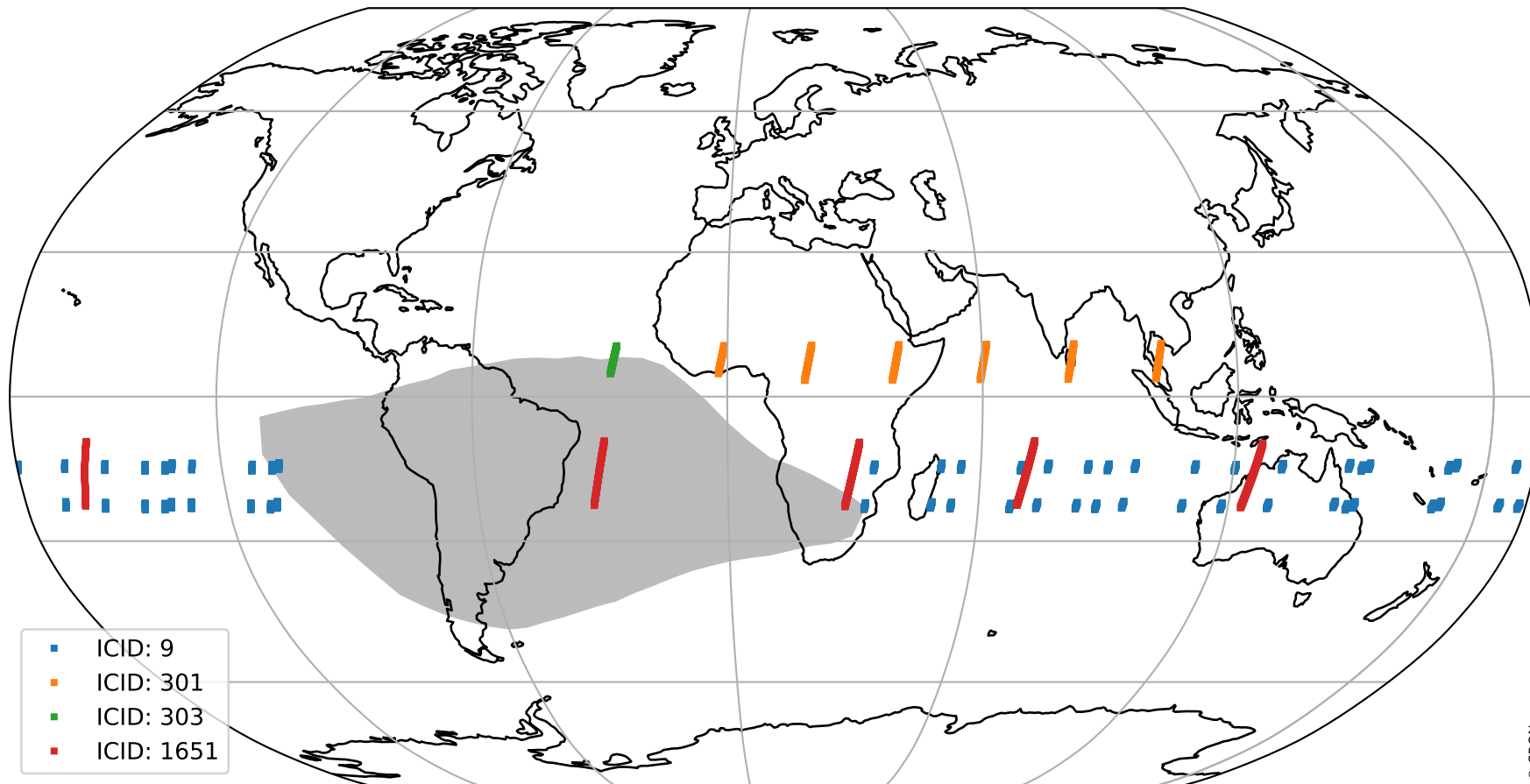
Tropomi SWIR background noise (swir)

orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
median : 0.94523
spread : 0.096136
created : 2023-08-21T14:57:34



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

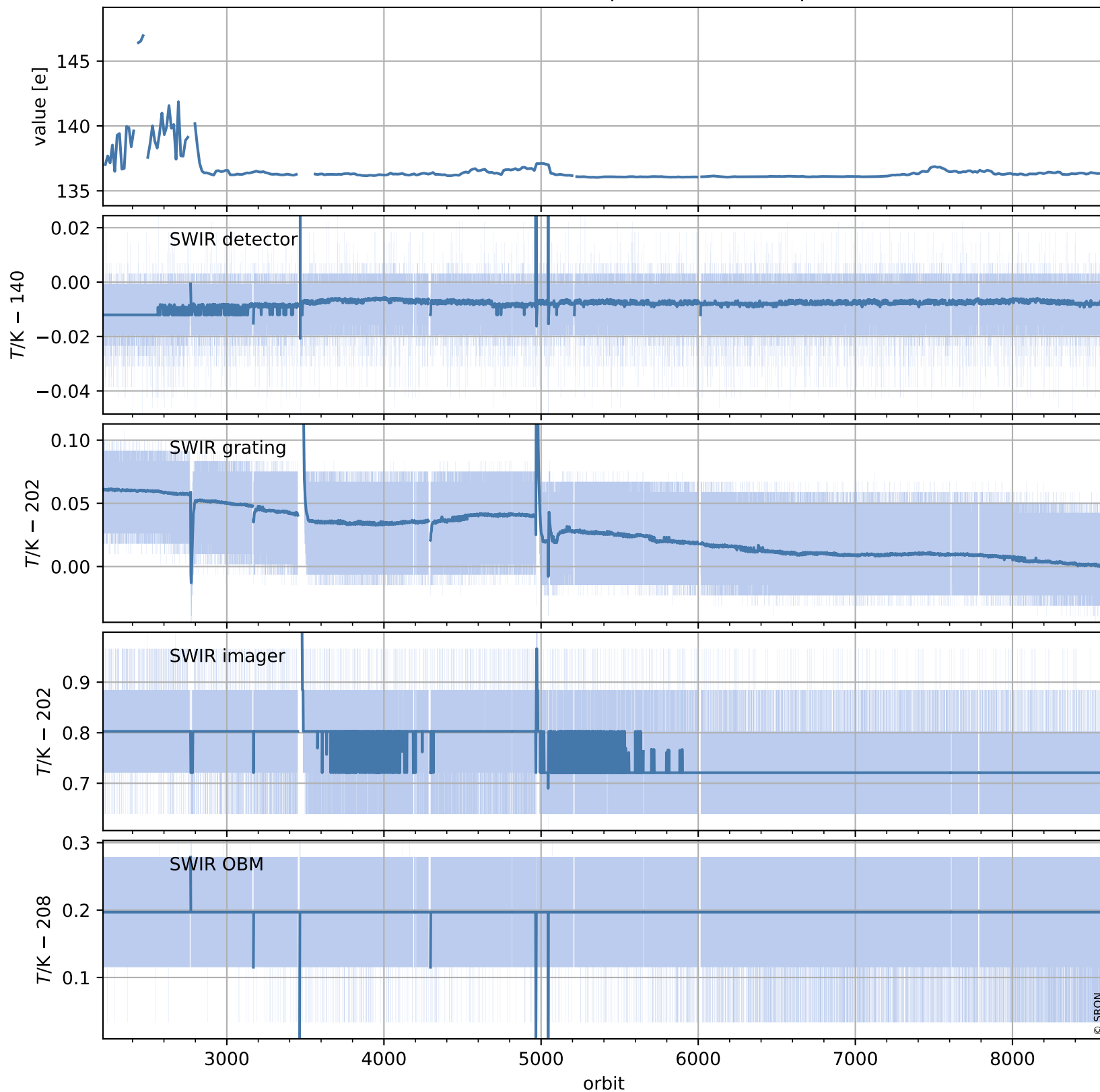
orbits : 12 in [8497, 8587]
coverage : 2019-06-04 / 2019-06-10
created : 2023-08-21T14:57:34



Tropomi SWIR background noise (swir)

orbits : [2212, 8587]
coverage : 2018-03-18 / 2019-06-10
created : 2023-08-21T14:57:34

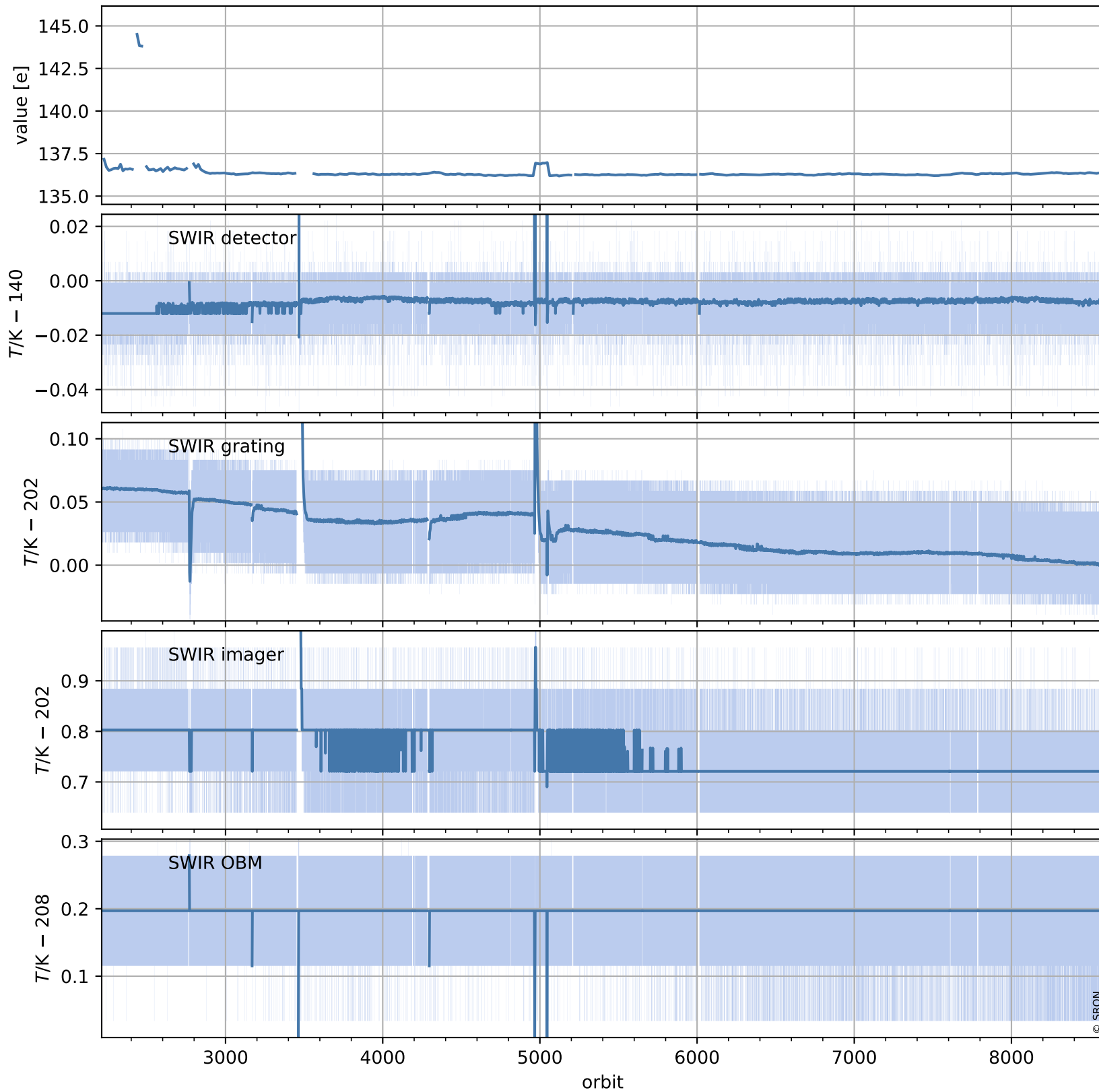
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8587]
coverage : 2018-03-18 / 2019-06-10
created : 2023-08-21T14:57:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8587]
coverage : 2018-03-18 / 2019-06-10
created : 2023-08-21T14:57:36

trend of normalized read-noise & temperatures

