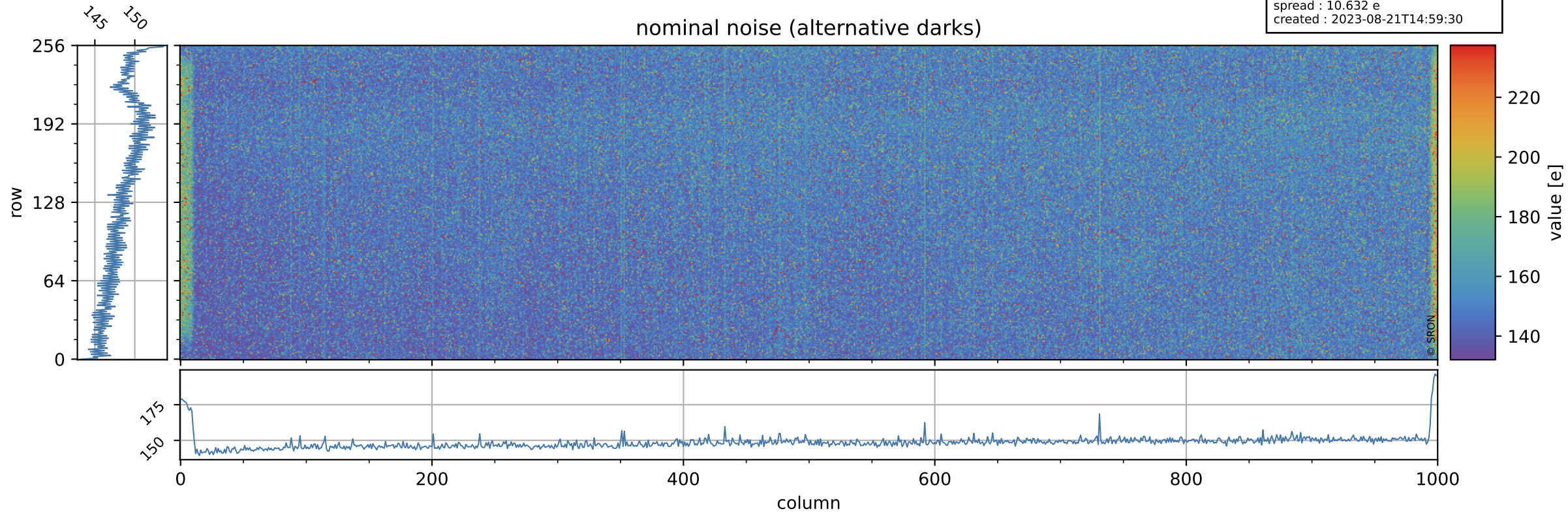


Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.632 e
created : 2023-08-21T14:59:30

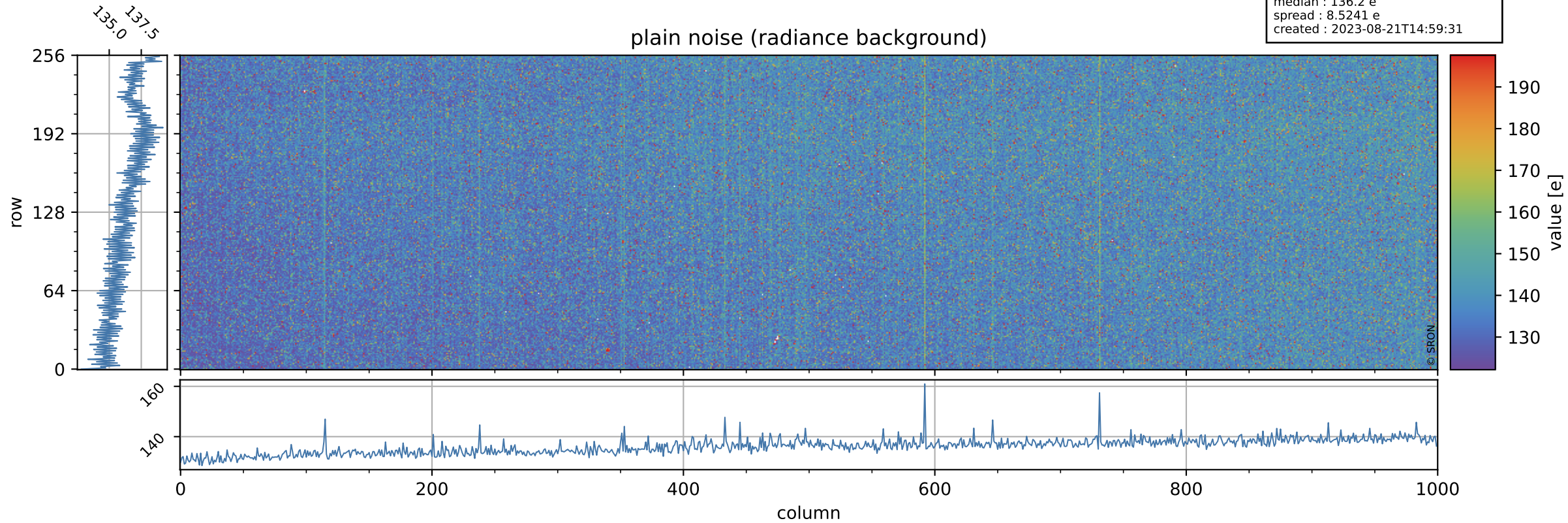
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.5241 e
created : 2023-08-21T14:59:31

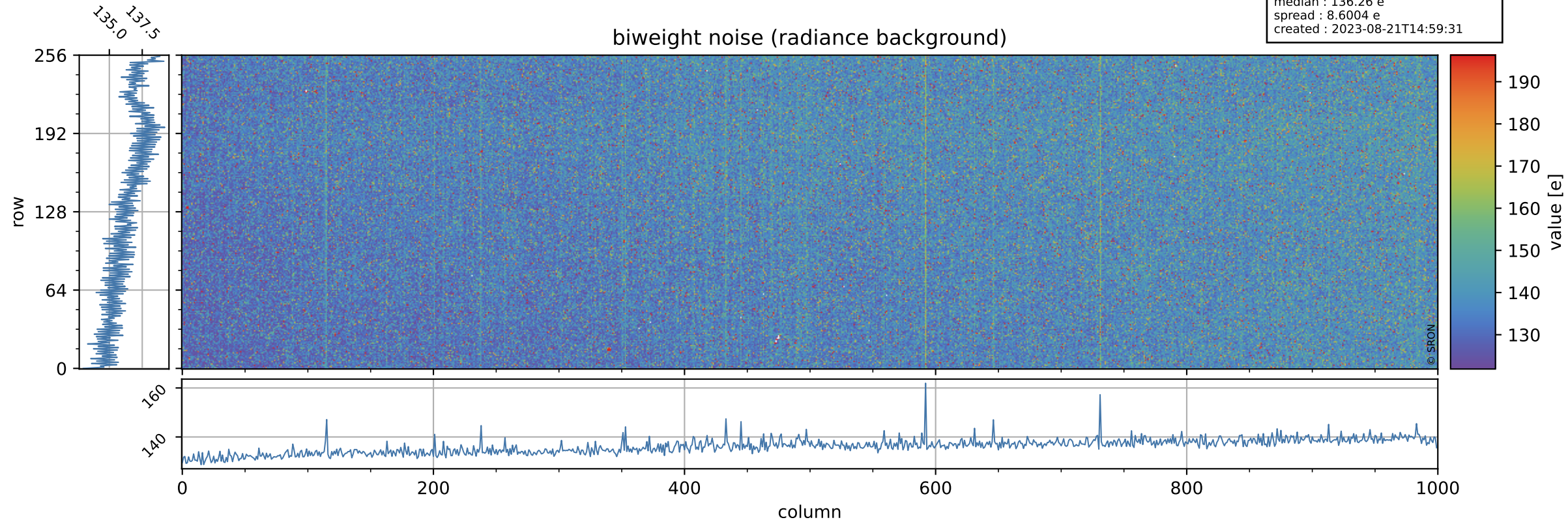
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.6004 e
created : 2023-08-21T14:59:31

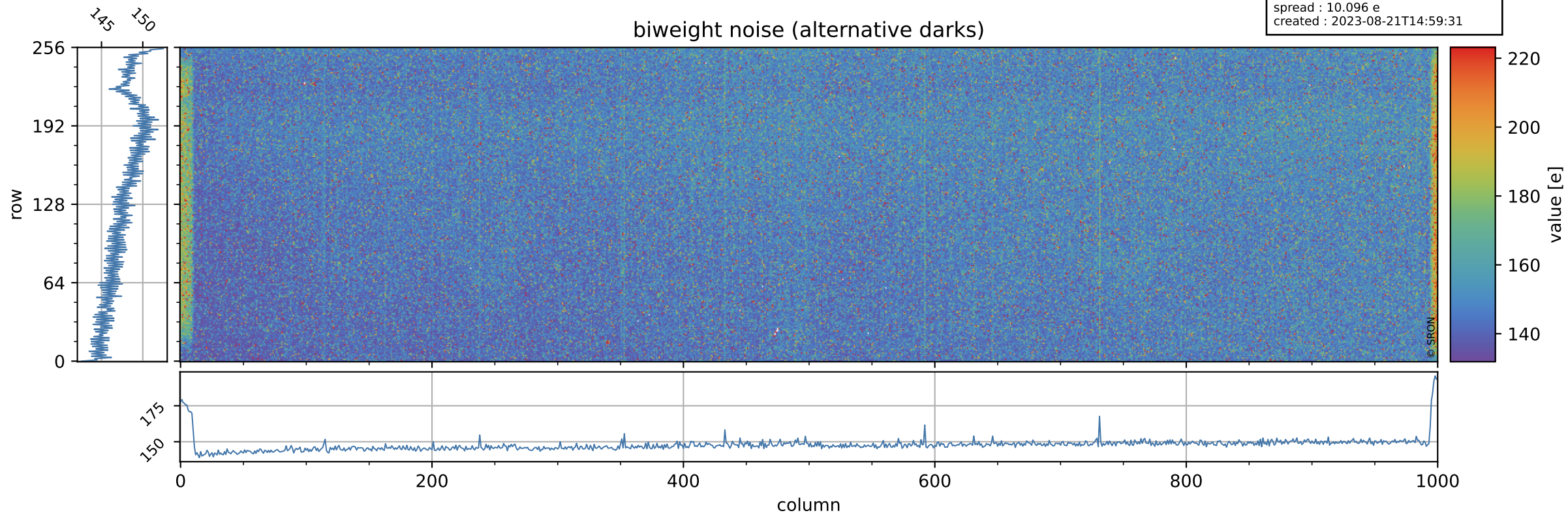
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.096 e
created : 2023-08-21T14:59:31

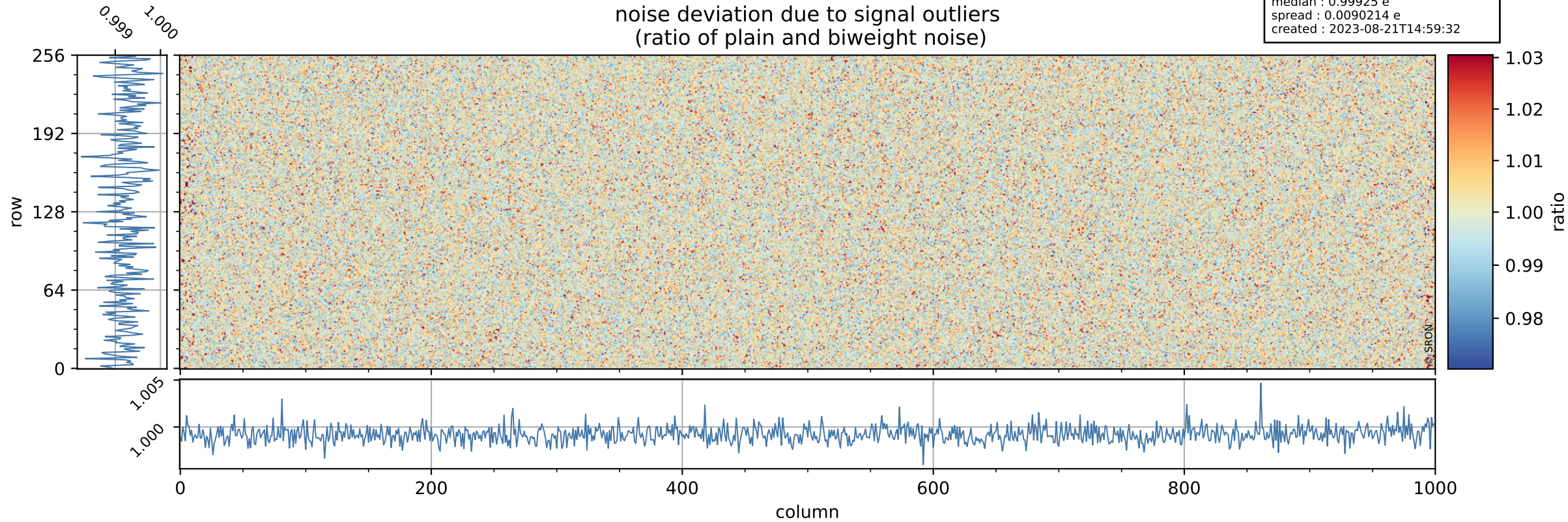
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

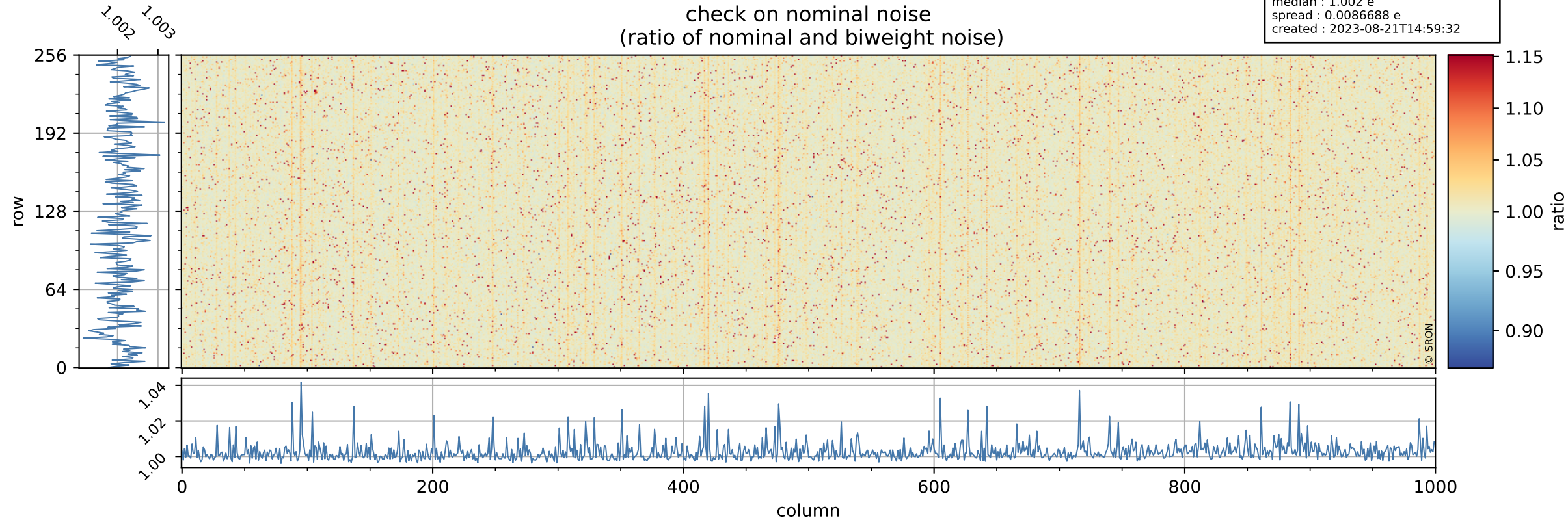
orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
median : 0.99925 e
spread : 0.0090214 e
created : 2023-08-21T14:59:32



Tropomi SWIR background noise (swir)

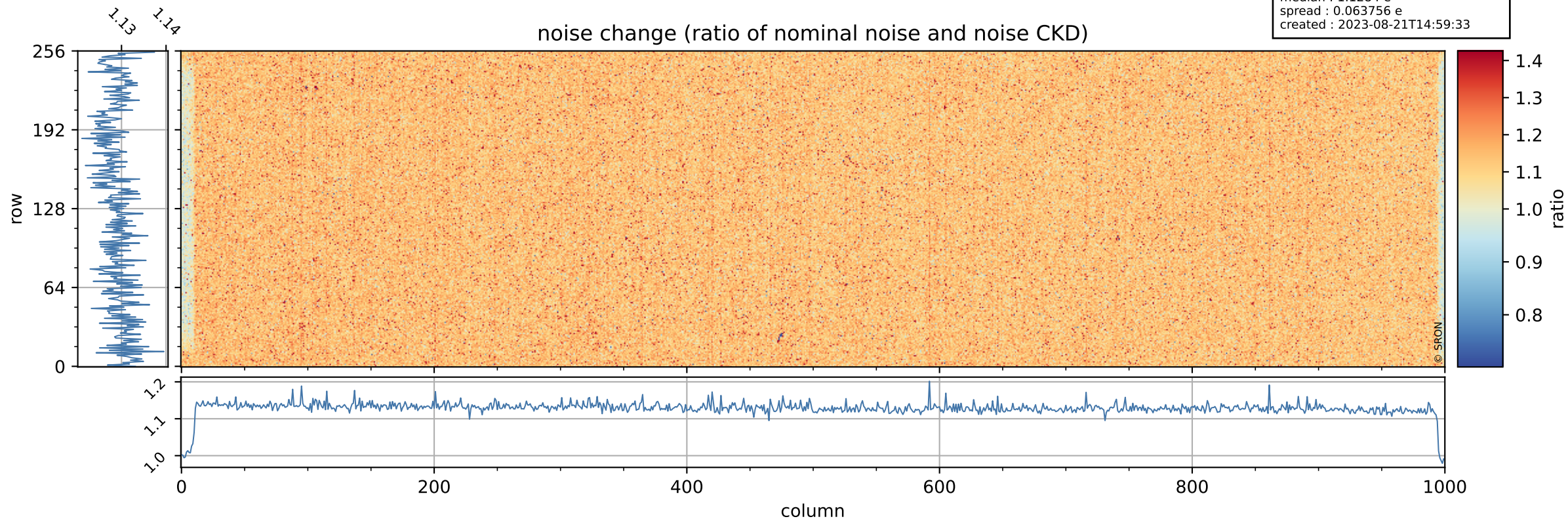
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
median : 1.002 e
spread : 0.0086688 e
created : 2023-08-21T14:59:32



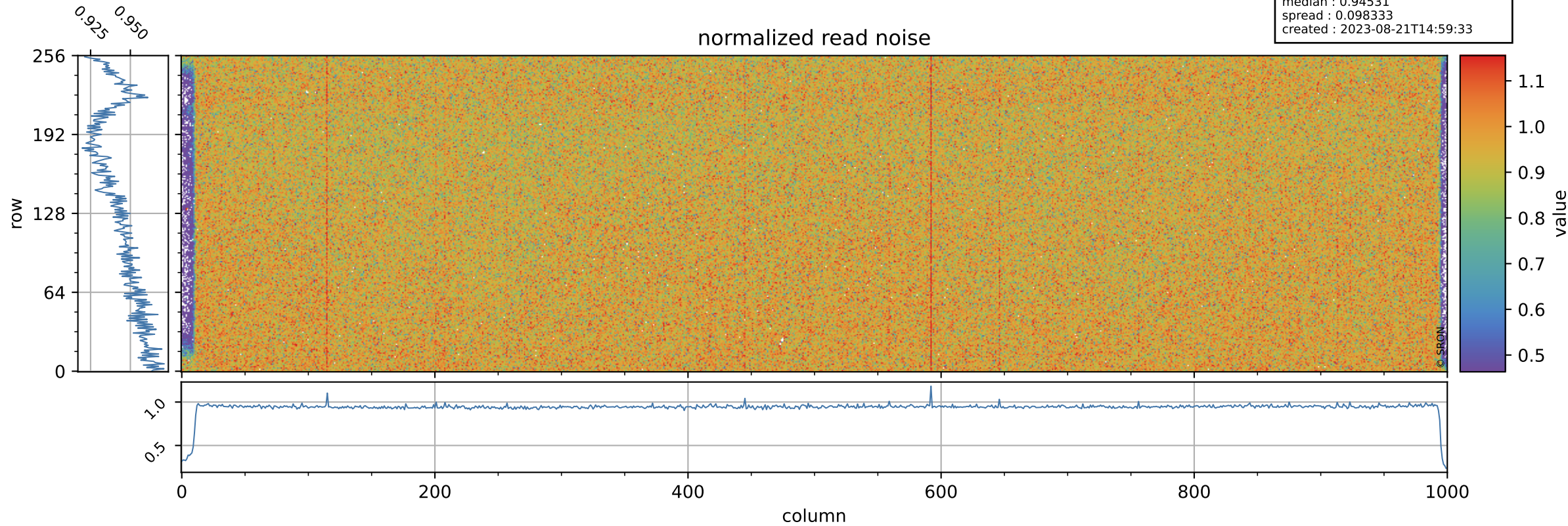
Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
median : 1.1284 e
spread : 0.063756 e
created : 2023-08-21T14:59:33



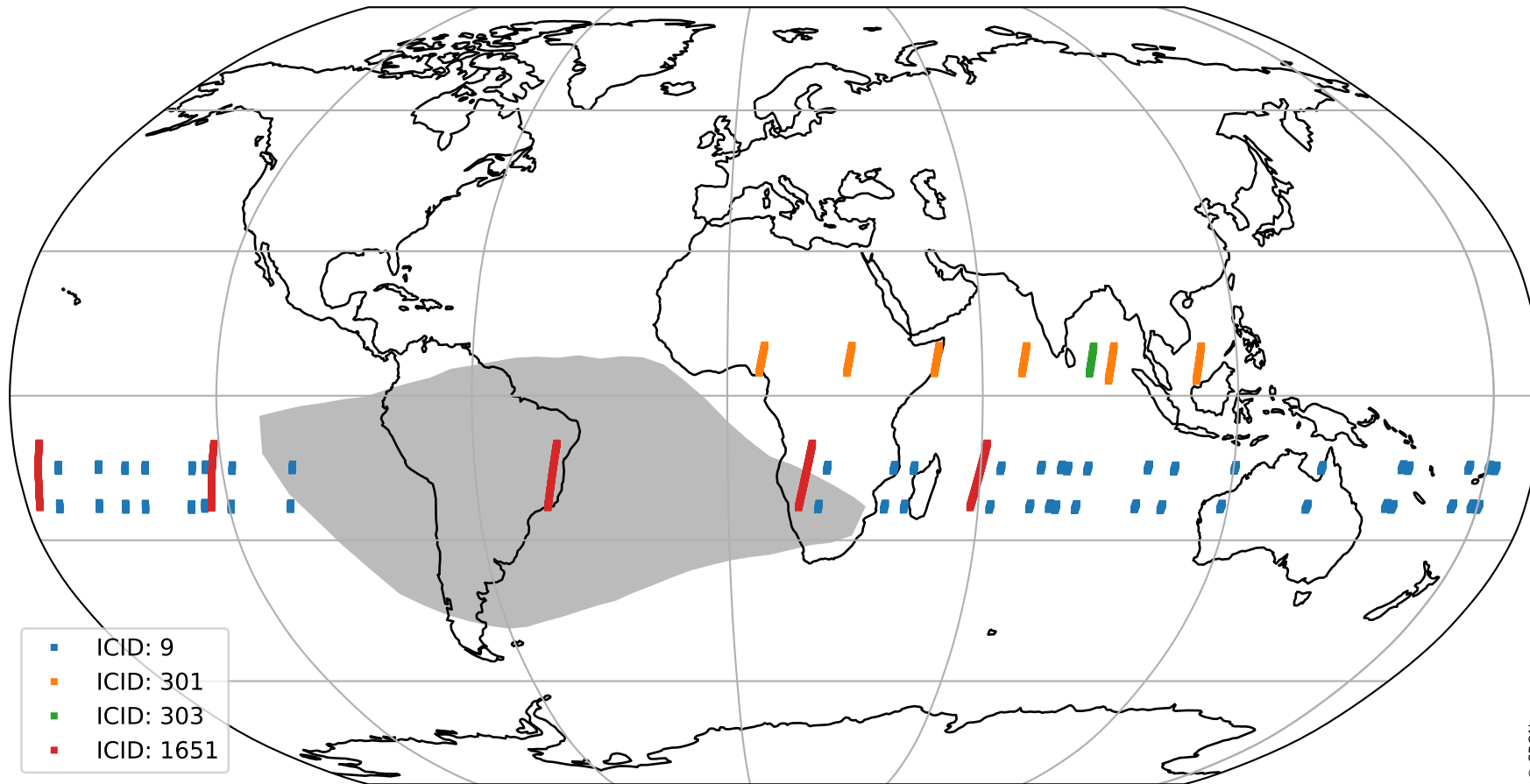
Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
median : 0.94531
spread : 0.098333
created : 2023-08-21T14:59:33



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

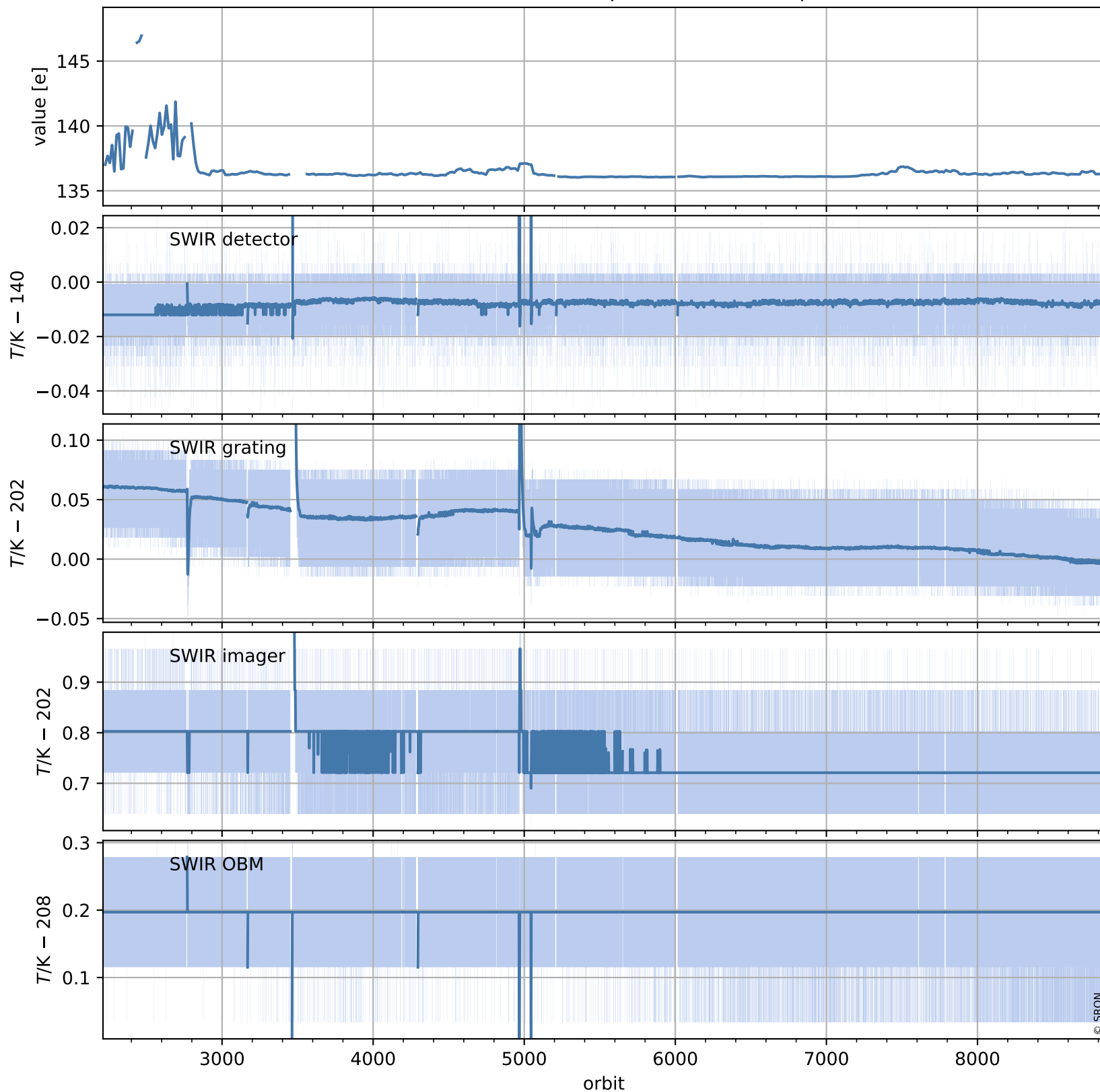
orbits : 12 in [8767, 8842]
coverage : 2019-06-22 / 2019-06-28
created : 2023-08-21T14:59:34



Tropomi SWIR background noise (swir)

orbits : [2212, 8842]
coverage : 2018-03-18 / 2019-06-28
created : 2023-08-21T14:59:34

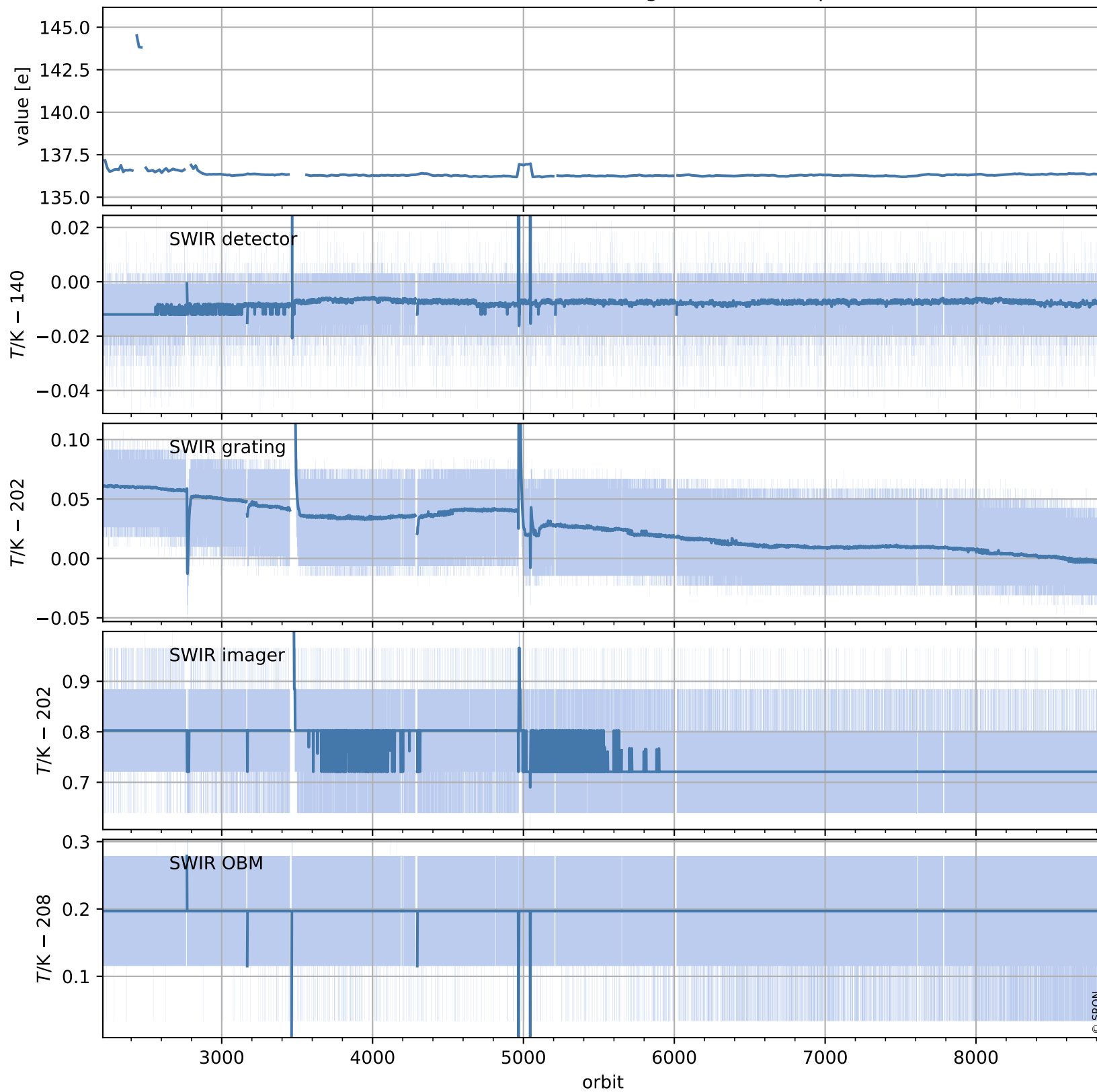
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8842]
coverage : 2018-03-18 / 2019-06-28
created : 2023-08-21T14:59:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8842]
coverage : 2018-03-18 / 2019-06-28
created : 2023-08-21T14:59:36

trend of normalized read-noise & temperatures

