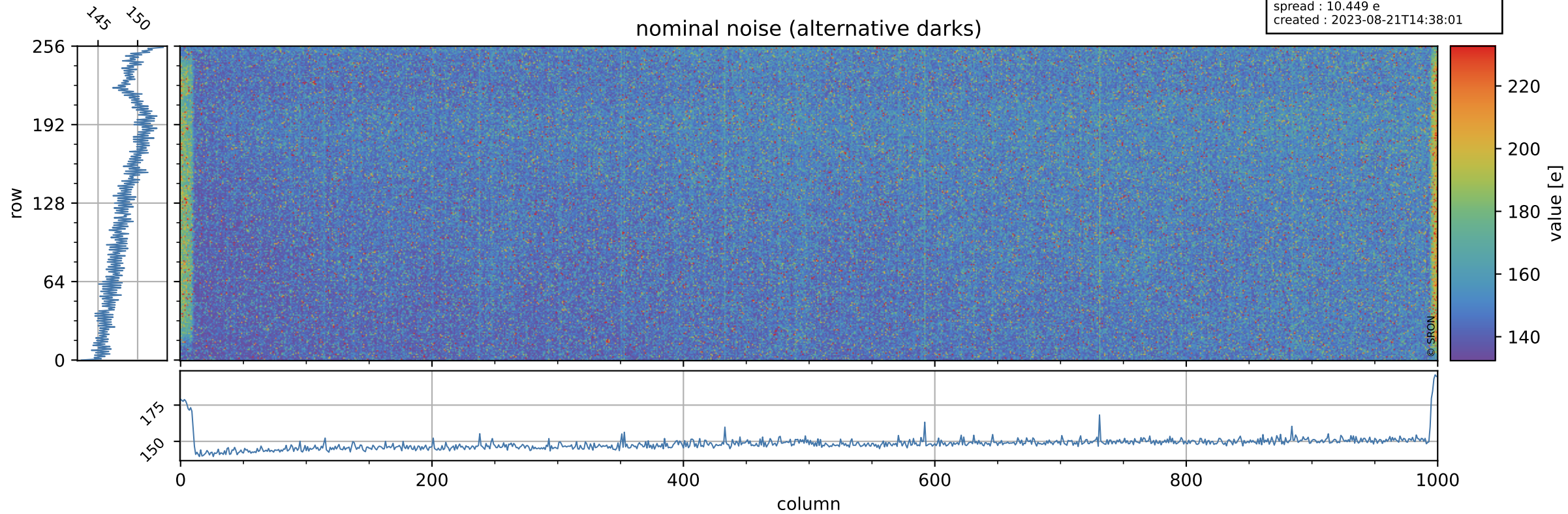


Tropomi SWIR background noise (swir)

orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.449 e
created : 2023-08-21T14:38:01

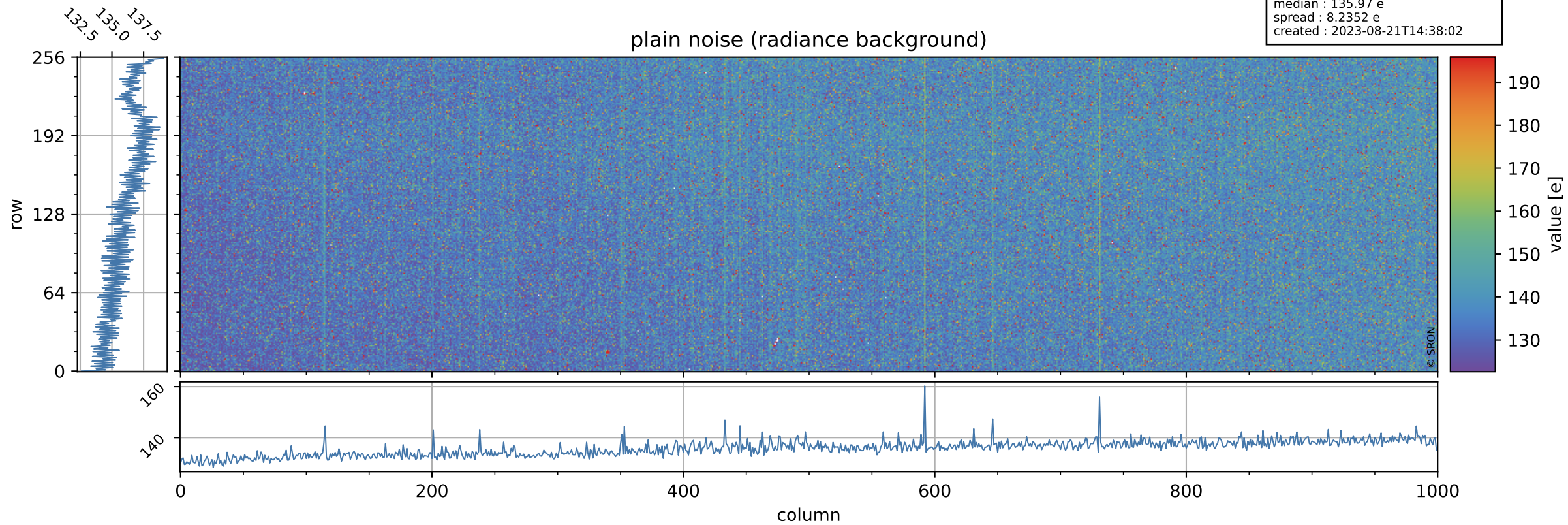
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
n_coad, t_exp : 2, 0.5383
median : 135.97 e
spread : 8.2352 e
created : 2023-08-21T14:38:02

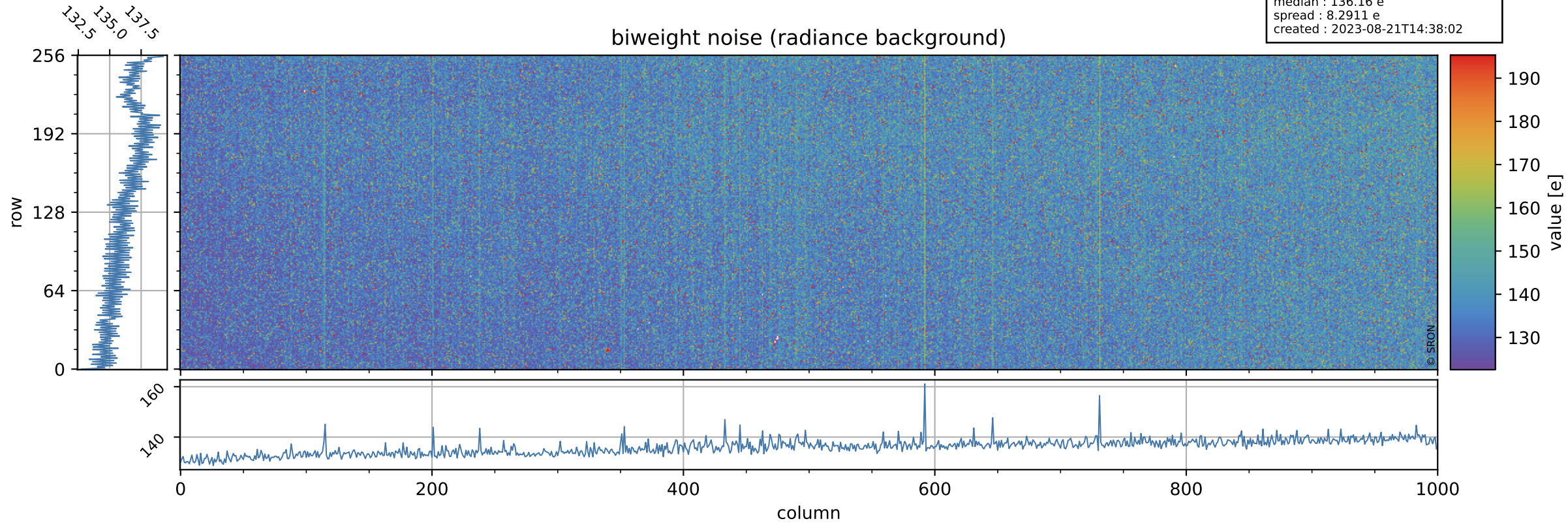
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2911 e
created : 2023-08-21T14:38:02

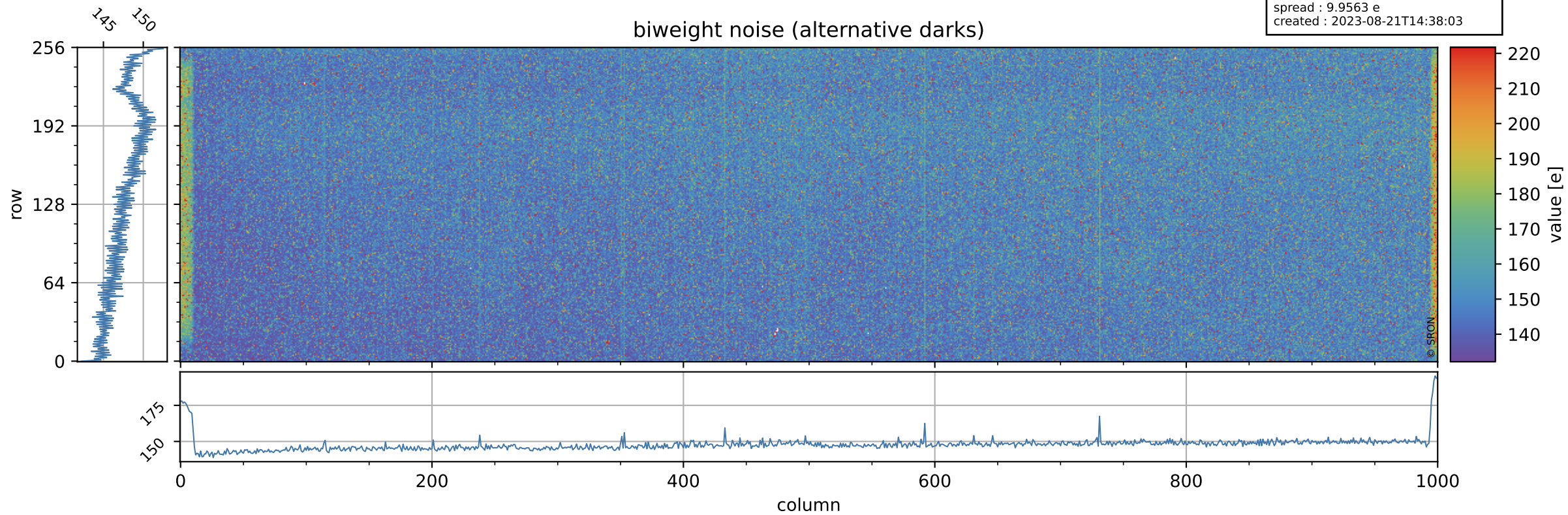
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9563 e
created : 2023-08-21T14:38:03

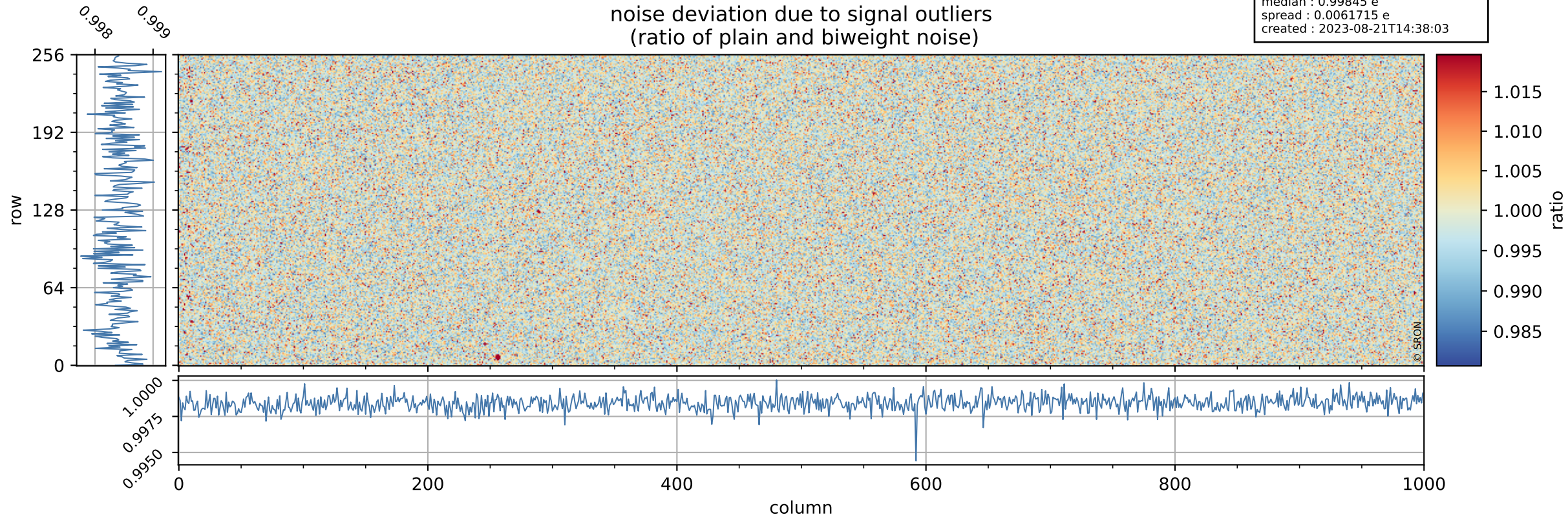
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

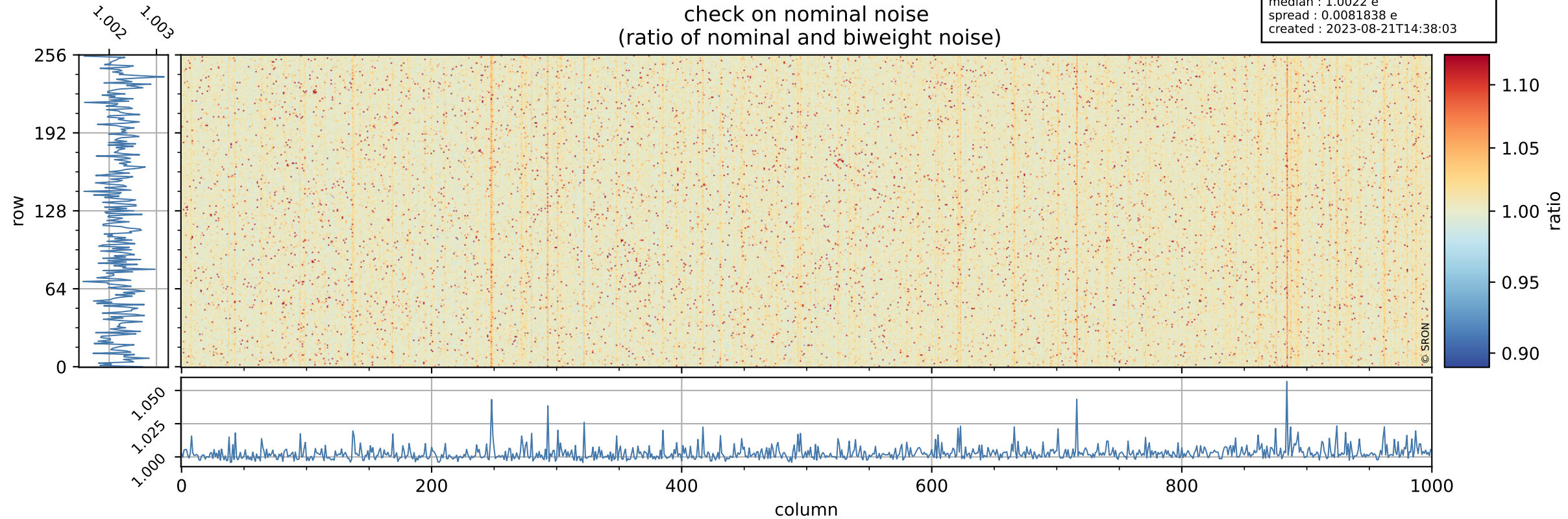
orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
median : 0.99845 e
spread : 0.0061715 e
created : 2023-08-21T14:38:03



Tropomi SWIR background noise (swir)

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

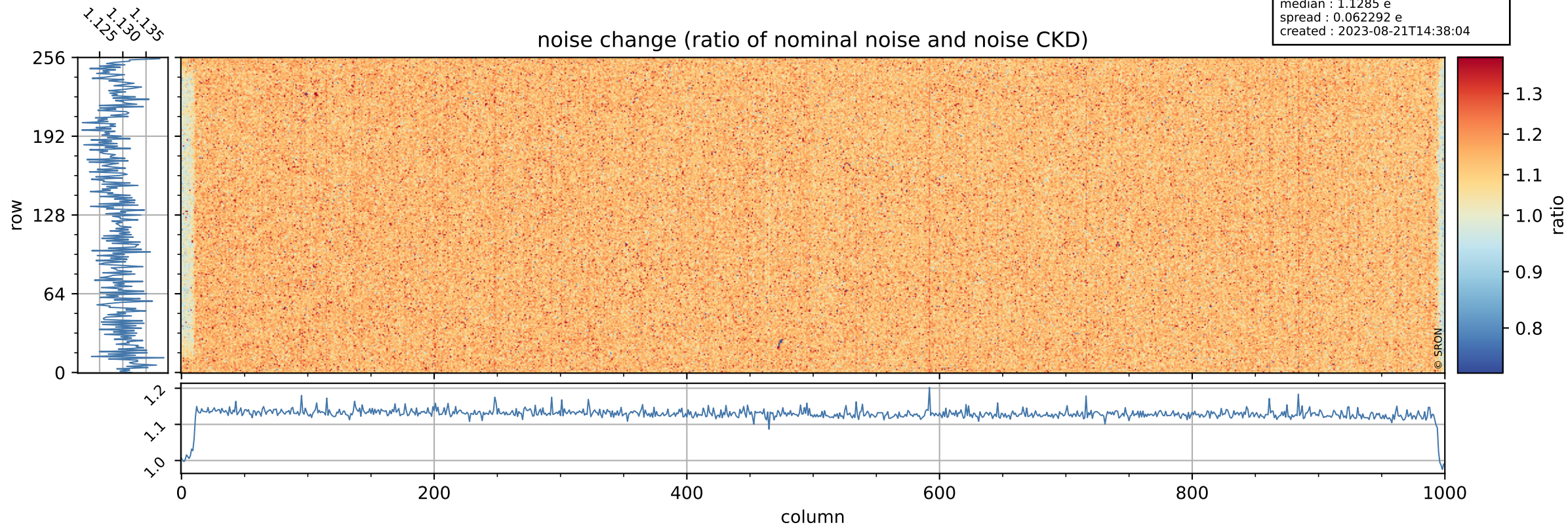
orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
median : 1.0022 e
spread : 0.0081838 e
created : 2023-08-21T14:38:03



Tropomi SWIR background noise (swir)

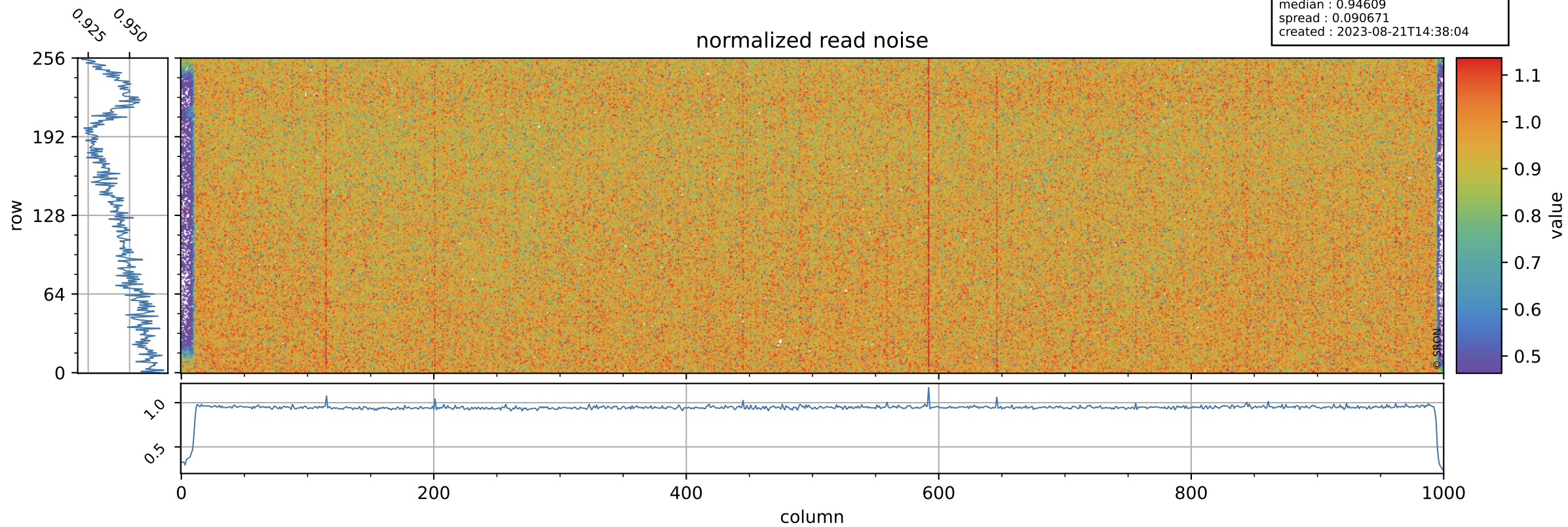
orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
median : 1.1285 e
spread : 0.062292 e
created : 2023-08-21T14:38:04

noise change (ratio of nominal noise and noise CKD)



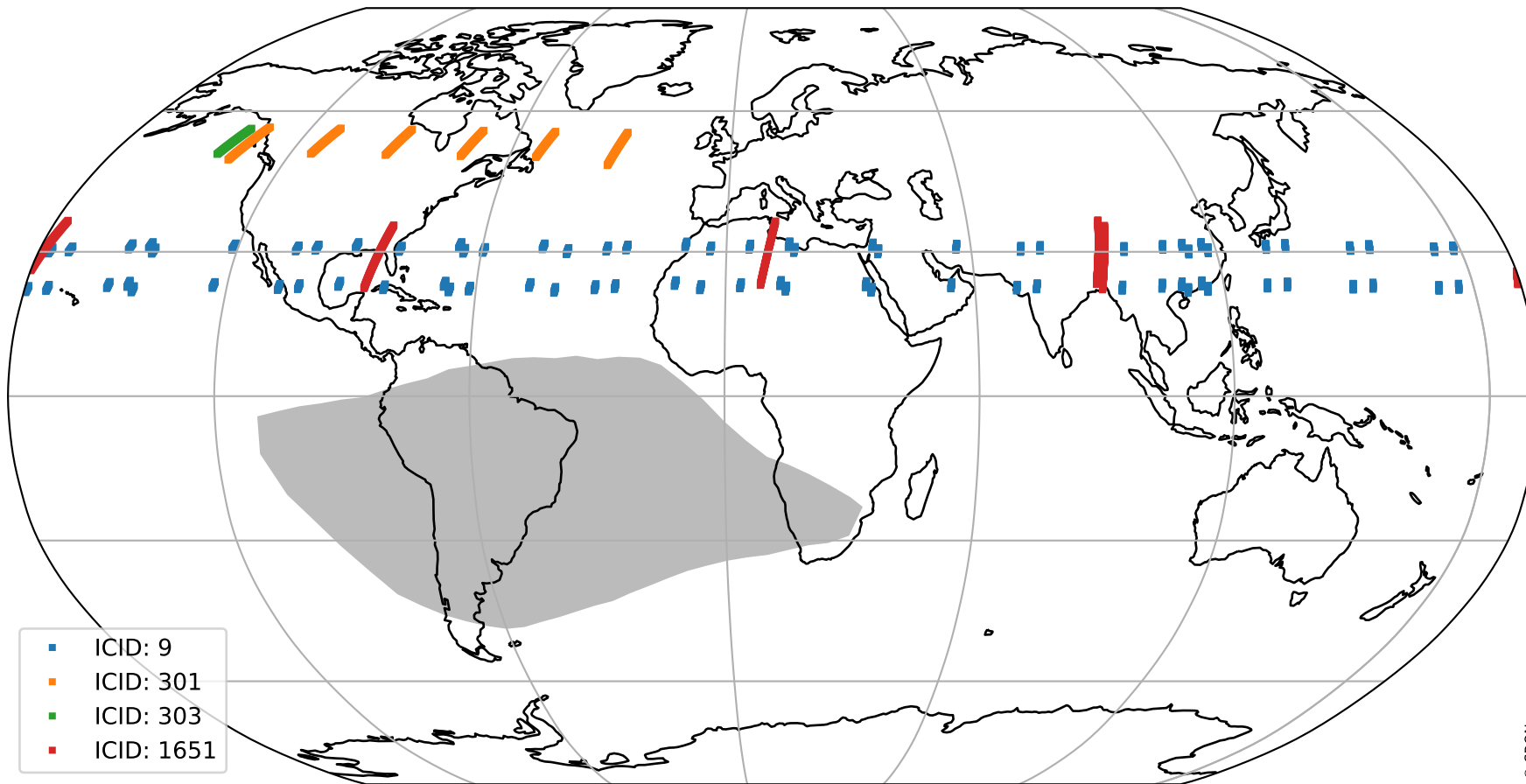
Tropomi SWIR background noise (swir)

orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
median : 0.94609
spread : 0.090671
created : 2023-08-21T14:38:04



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

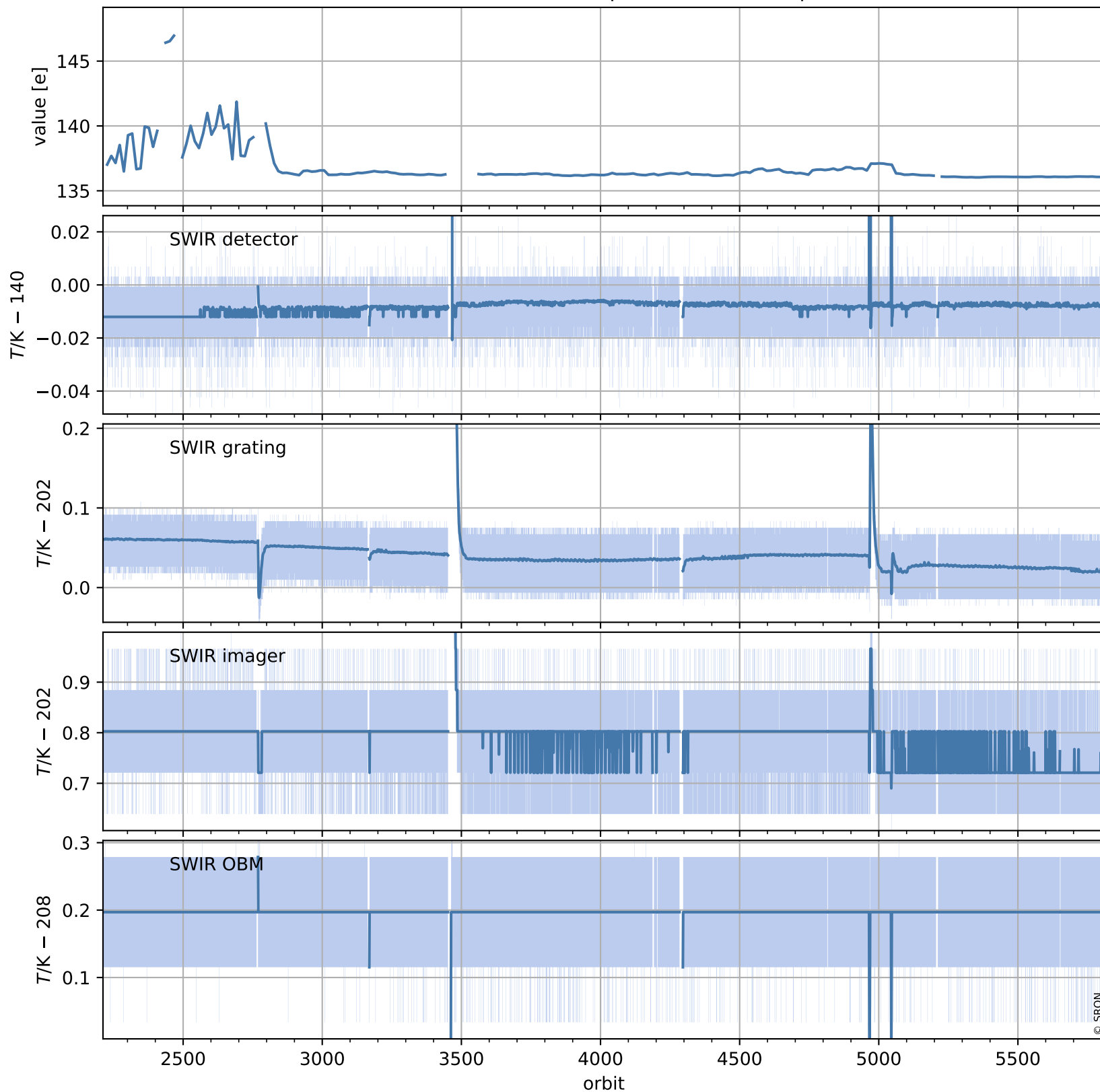
orbits : 12 in [5722, 5812]
coverage : 2018-11-21 / 2018-11-26
created : 2023-08-21T14:38:05



Tropomi SWIR background noise (swir)

orbits : [2212, 5812]
coverage : 2018-03-18 / 2018-11-26
created : 2023-08-21T14:38:05

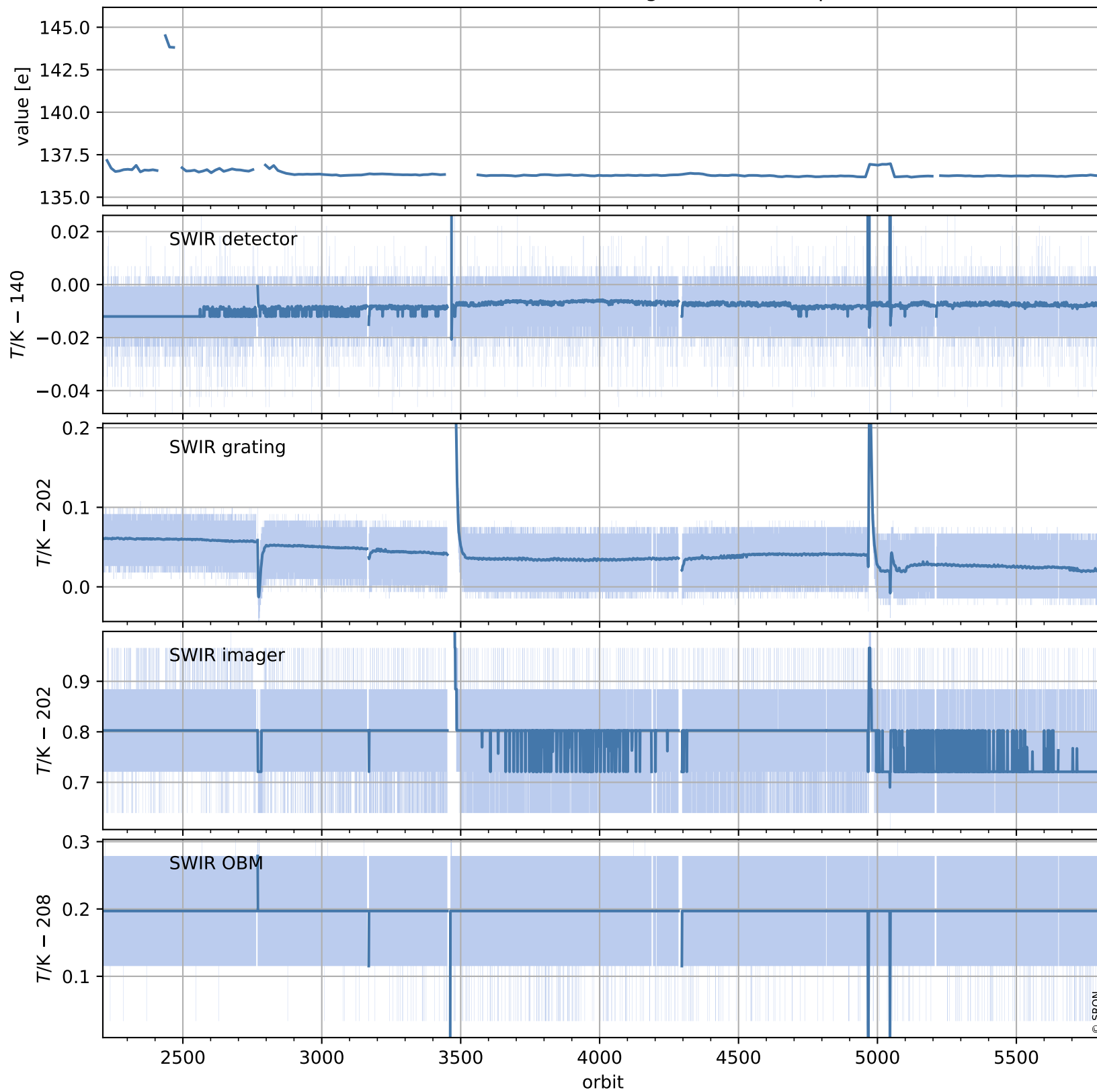
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5812]
coverage : 2018-03-18 / 2018-11-26
created : 2023-08-21T14:38:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5812]
coverage : 2018-03-18 / 2018-11-26
created : 2023-08-21T14:38:07

trend of normalized read-noise & temperatures

