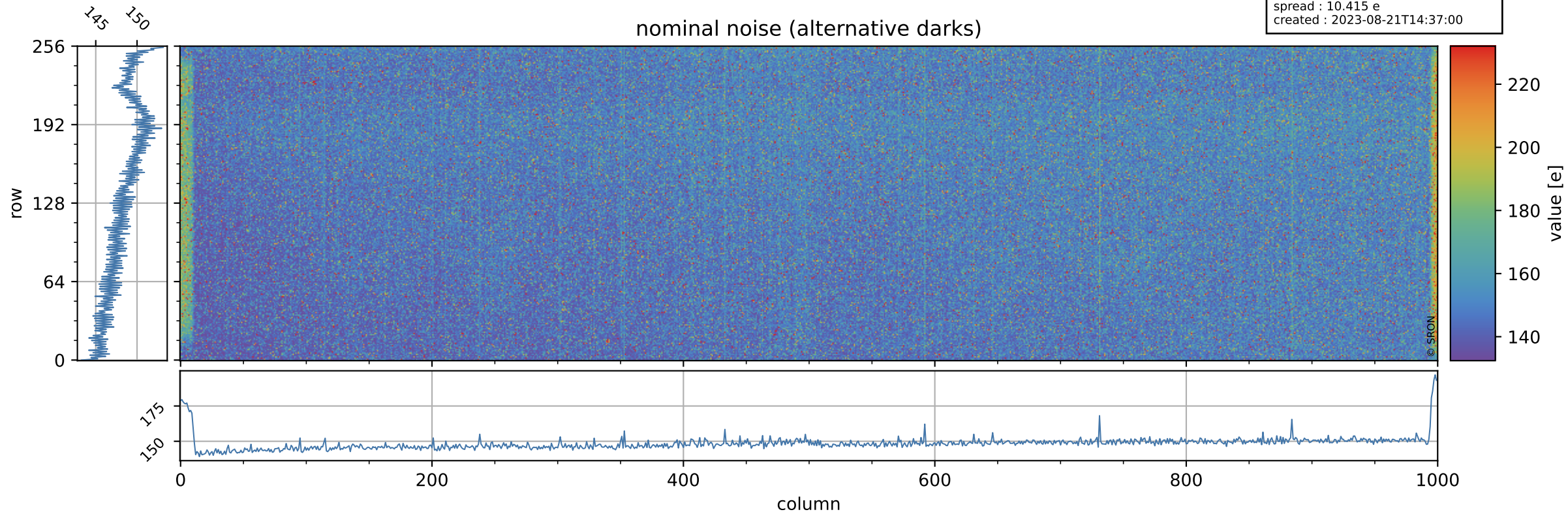


Tropomi SWIR background noise (swir)

orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.415 e
created : 2023-08-21T14:37:00

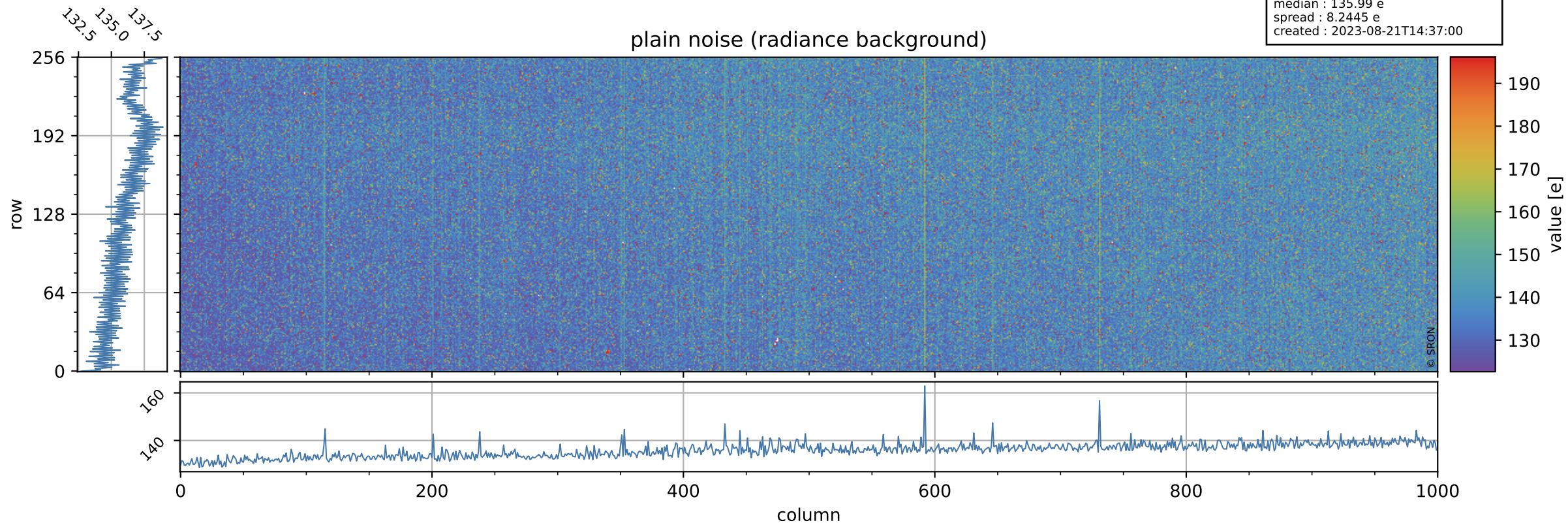
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2445 e
created : 2023-08-21T14:37:00

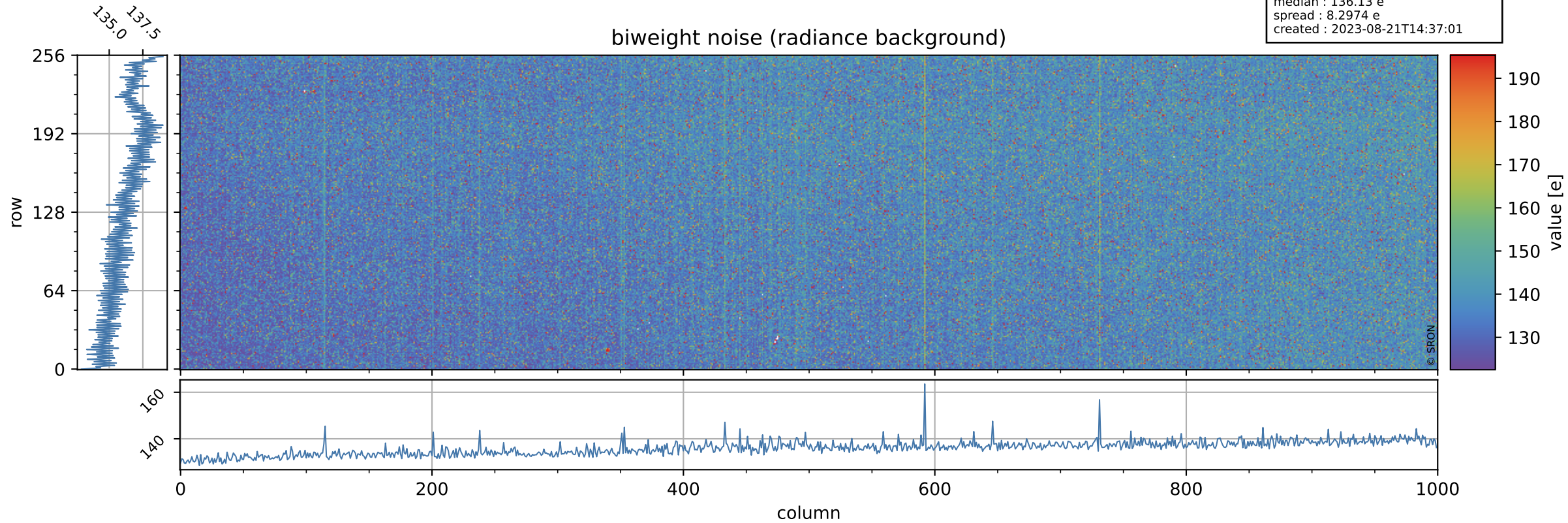
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.2974 e
created : 2023-08-21T14:37:01

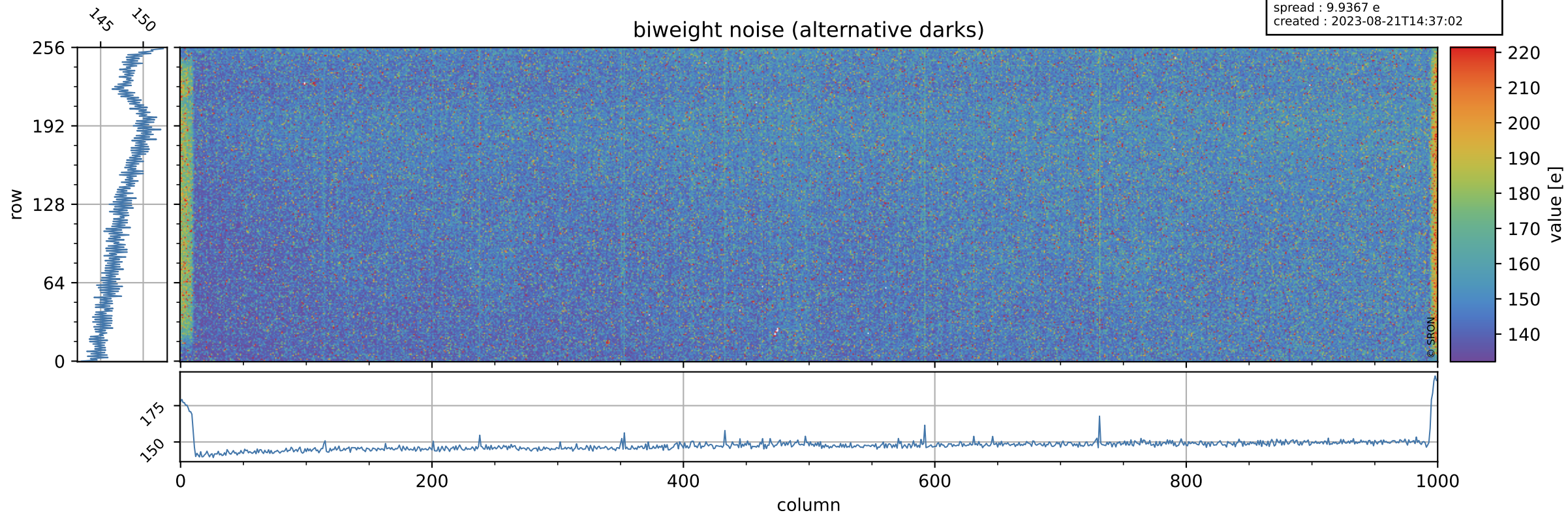
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9367 e
created : 2023-08-21T14:37:02

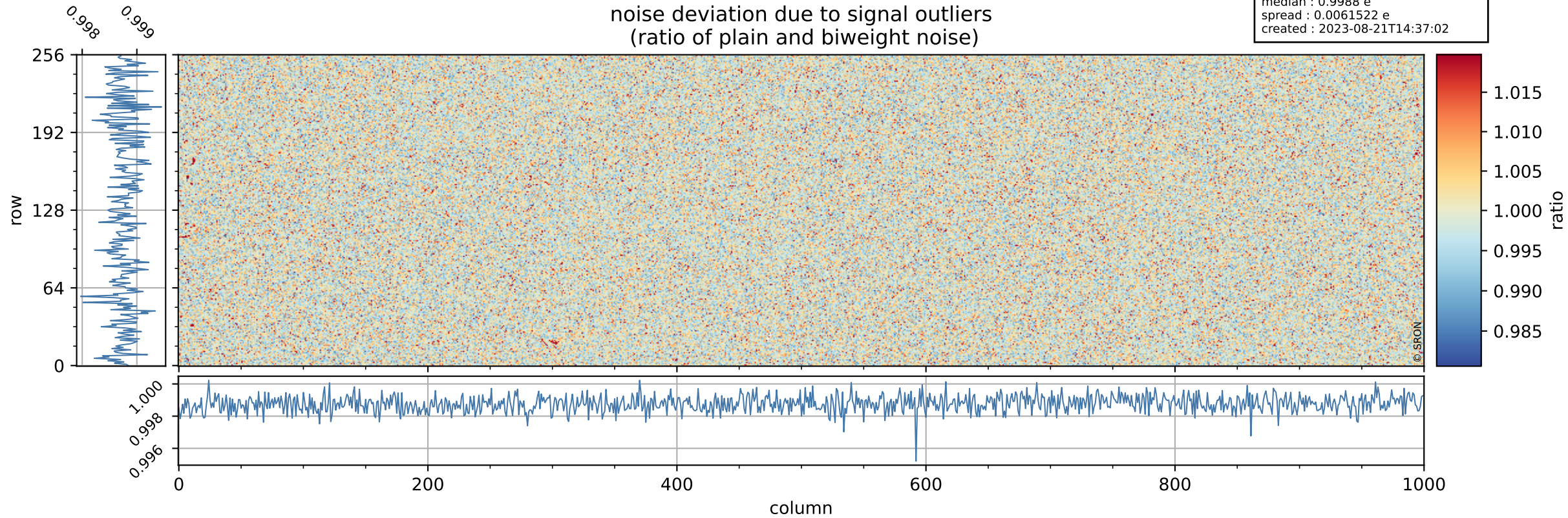
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

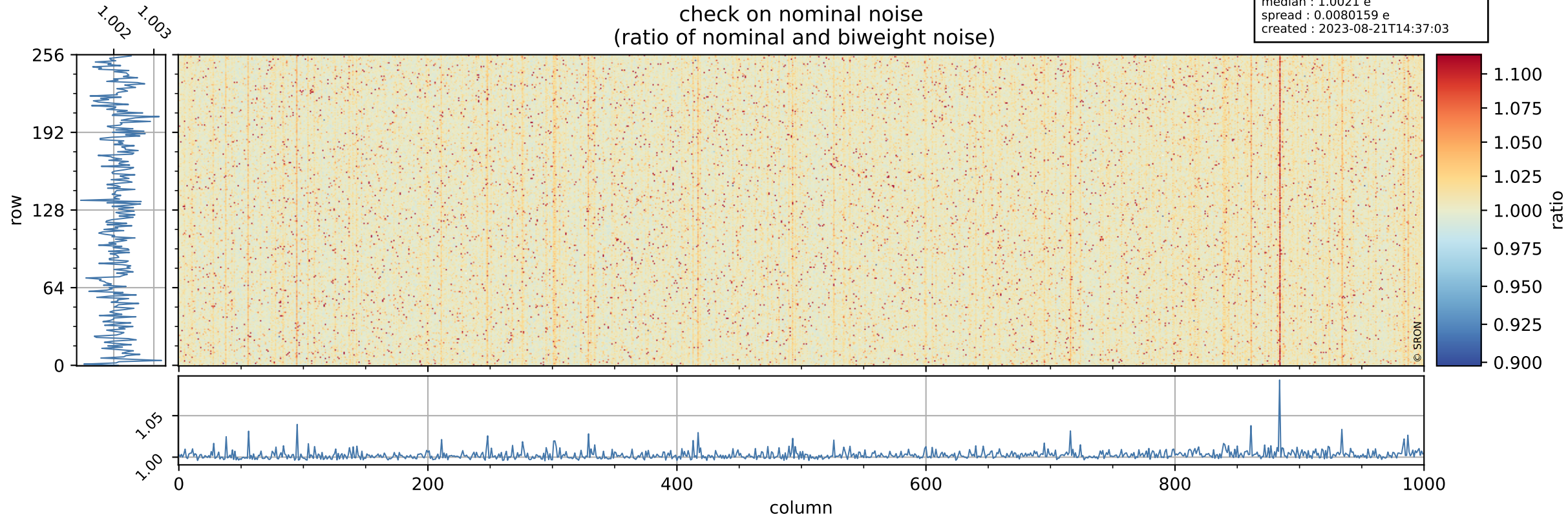
orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
median : 0.9988 e
spread : 0.0061522 e
created : 2023-08-21T14:37:02



Tropomi SWIR background noise (swir)

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

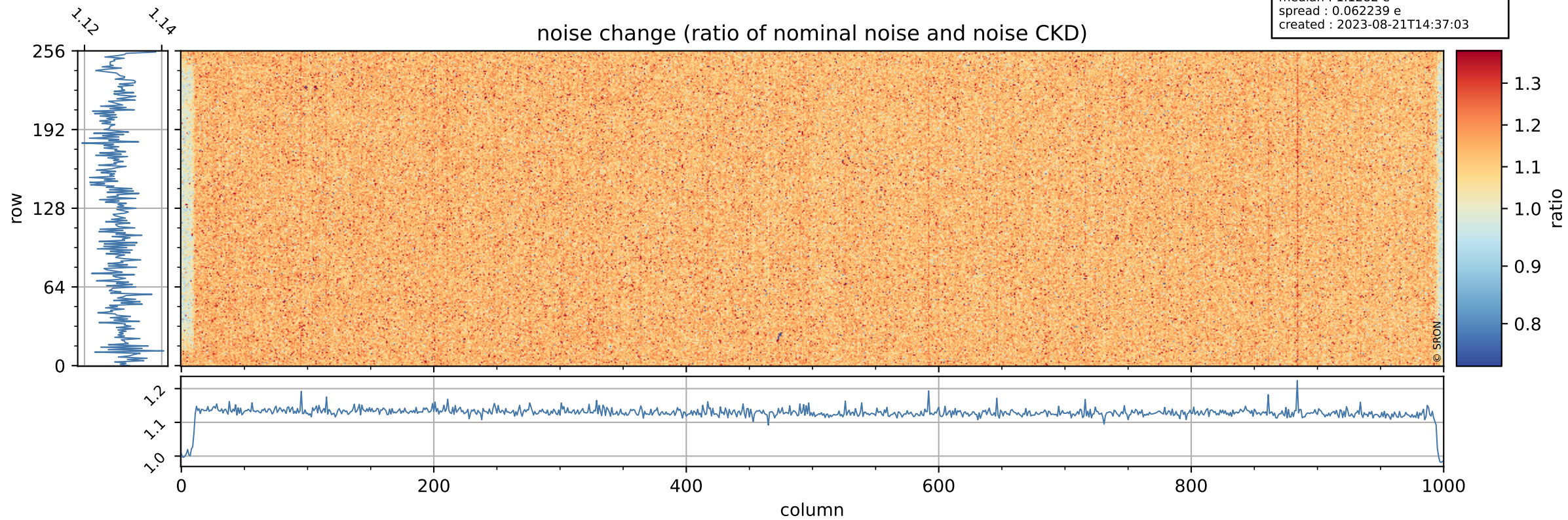
orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
median : 1.0021 e
spread : 0.0080159 e
created : 2023-08-21T14:37:03



Tropomi SWIR background noise (swir)

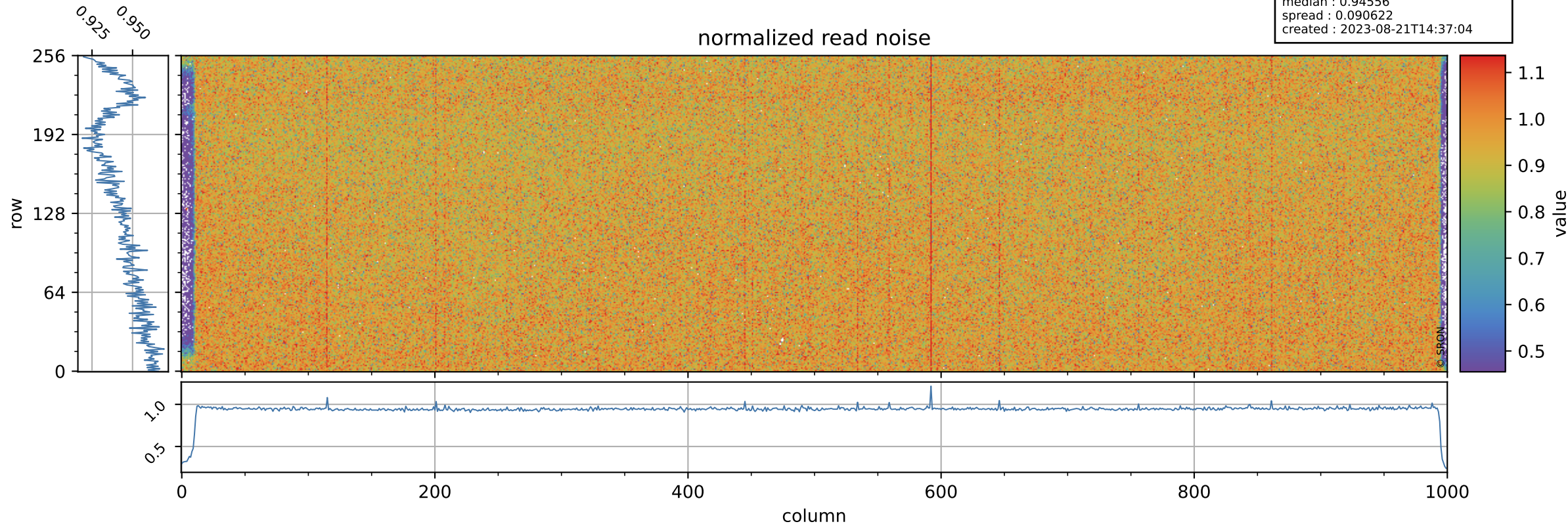
orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
median : 1.1282 e
spread : 0.062239 e
created : 2023-08-21T14:37:03

noise change (ratio of nominal noise and noise CKD)



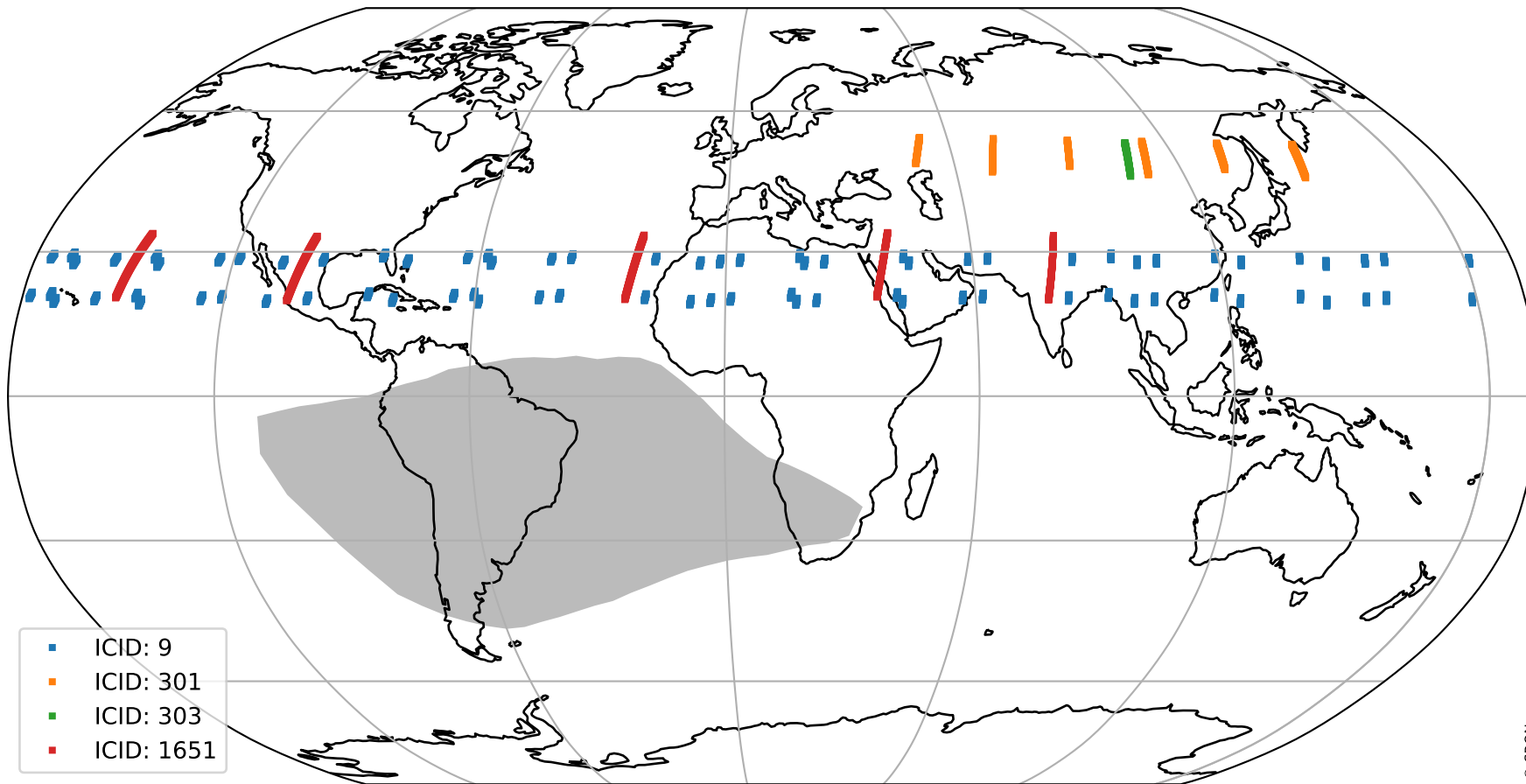
Tropomi SWIR background noise (swir)

orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
median : 0.94556
spread : 0.090622
created : 2023-08-21T14:37:04



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

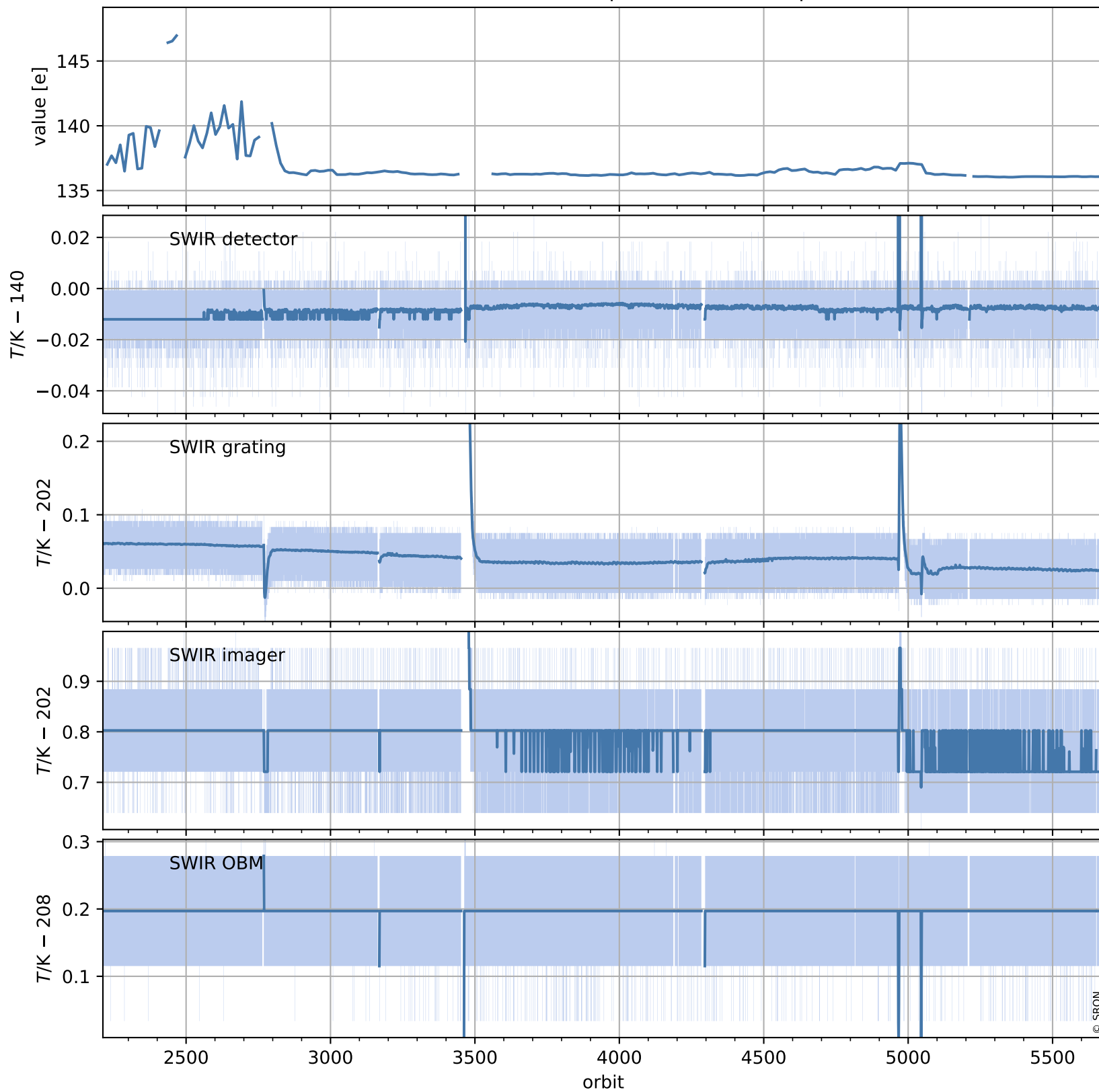
orbits : 12 in [5602, 5677]
coverage : 2018-11-11 / 2018-11-16
created : 2023-08-21T14:37:04



Tropomi SWIR background noise (swir)

orbits : [2212, 5677]
coverage : 2018-03-18 / 2018-11-16
created : 2023-08-21T14:37:04

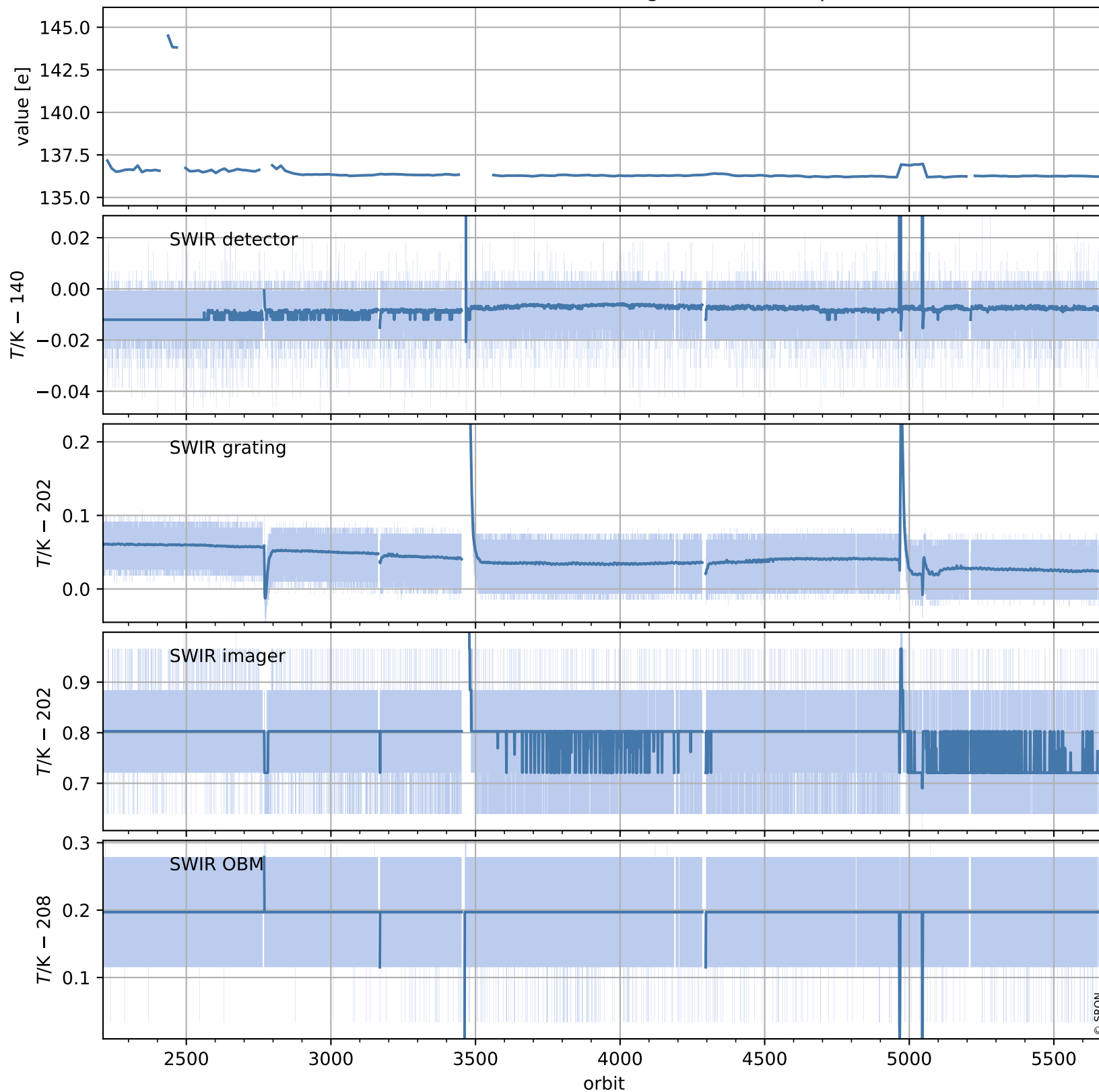
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5677]
coverage : 2018-03-18 / 2018-11-16
created : 2023-08-21T14:37:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5677]
coverage : 2018-03-18 / 2018-11-16
created : 2023-08-21T14:37:06

trend of normalized read-noise & temperatures

