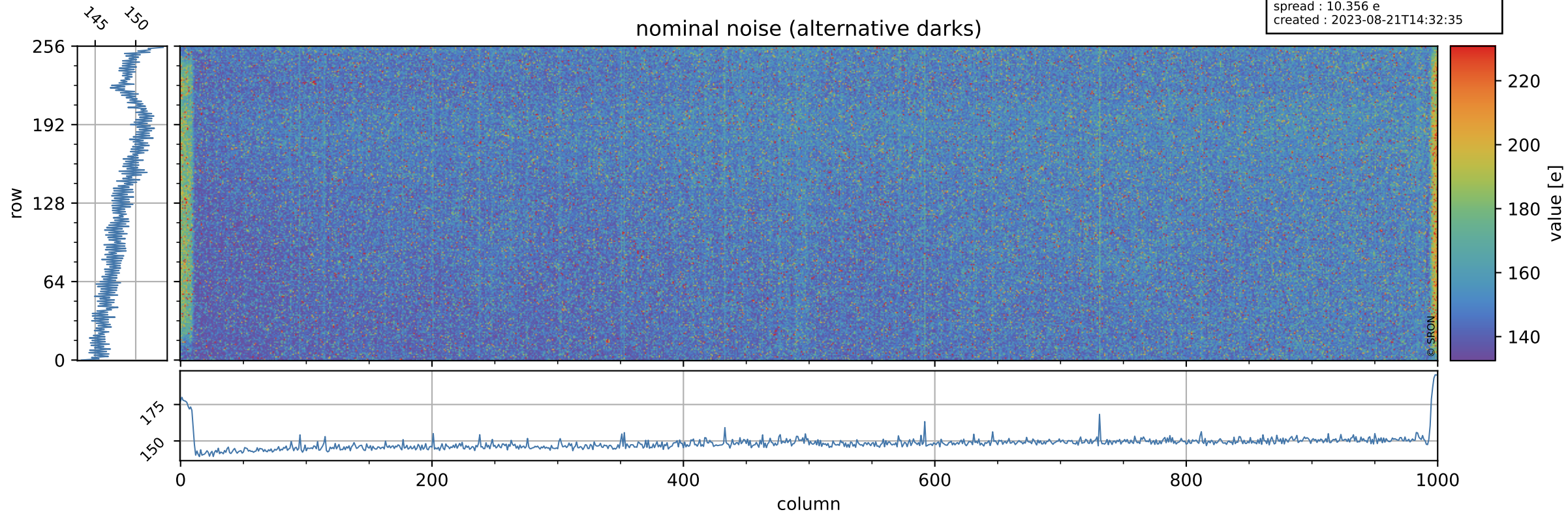


Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.356 e
created : 2023-08-21T14:32:35

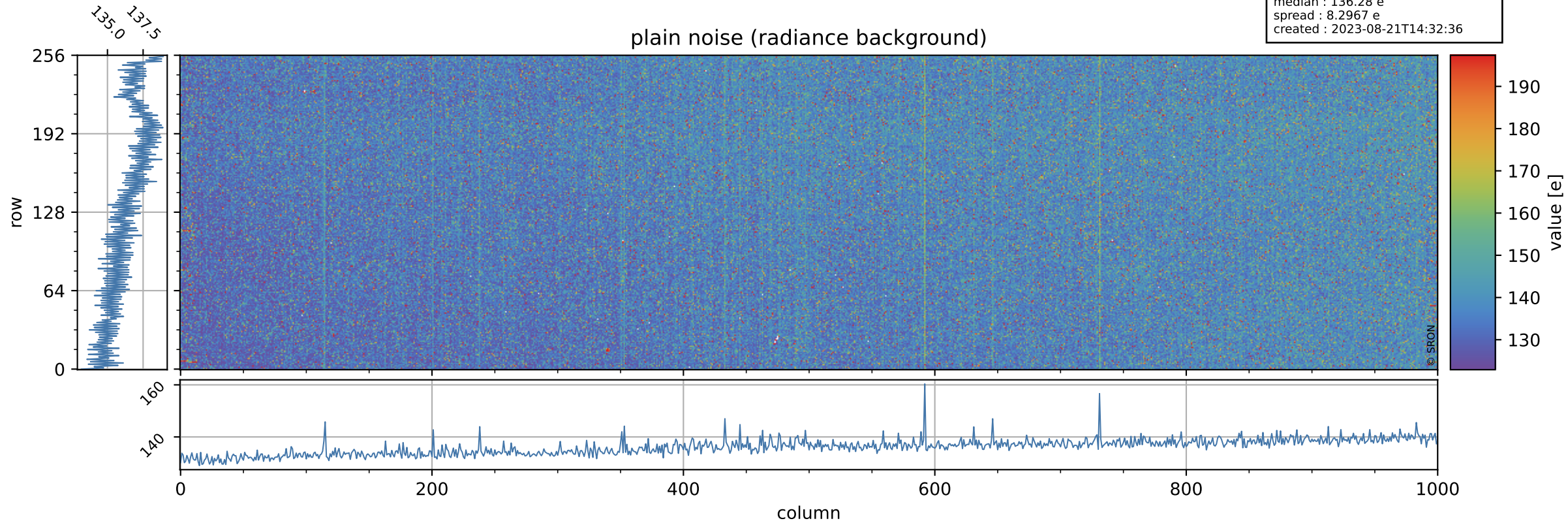
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.2967 e
created : 2023-08-21T14:32:36

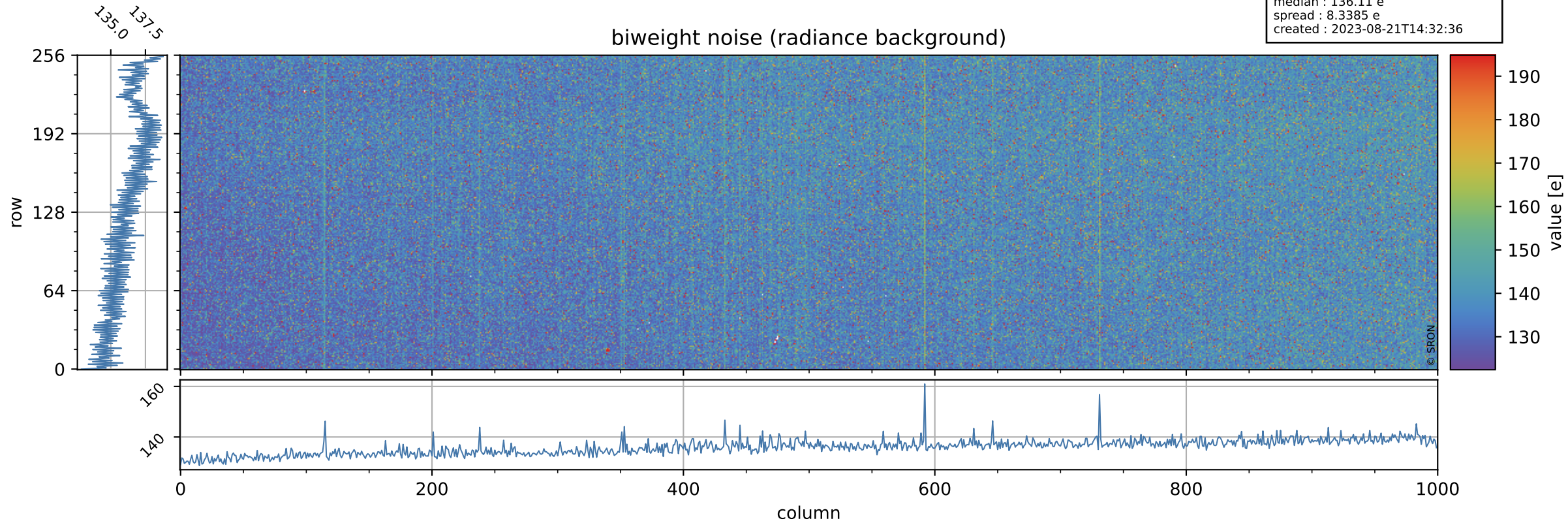
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.3385 e
created : 2023-08-21T14:32:36

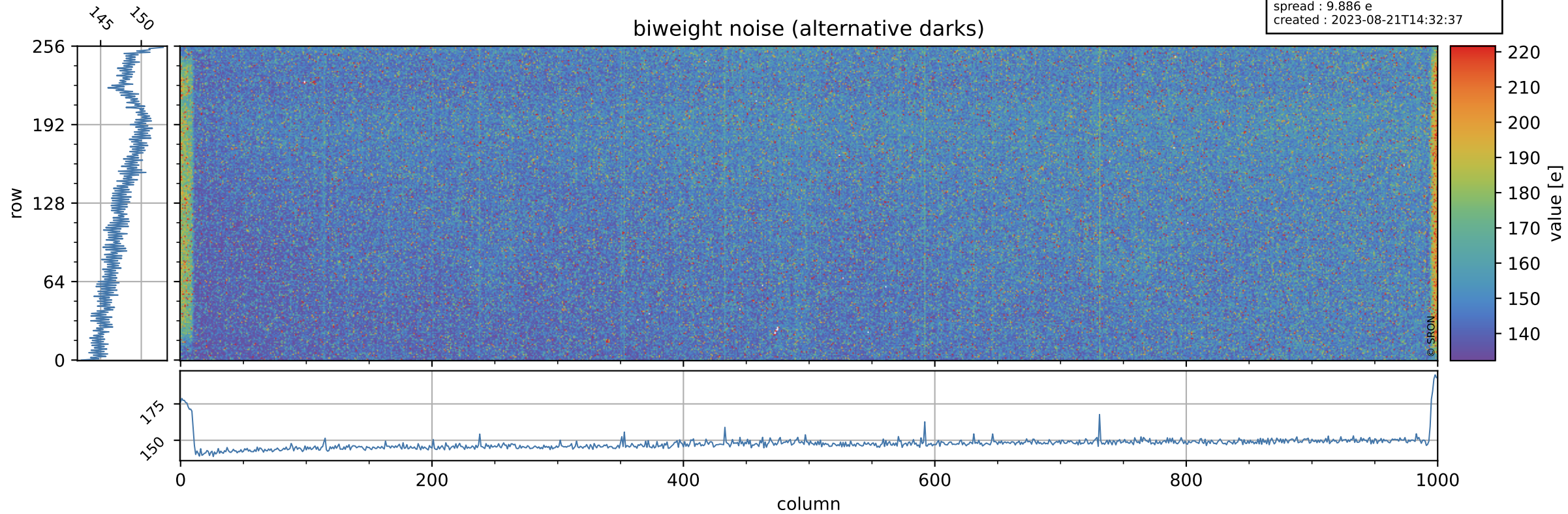
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.886 e
created : 2023-08-21T14:32:37

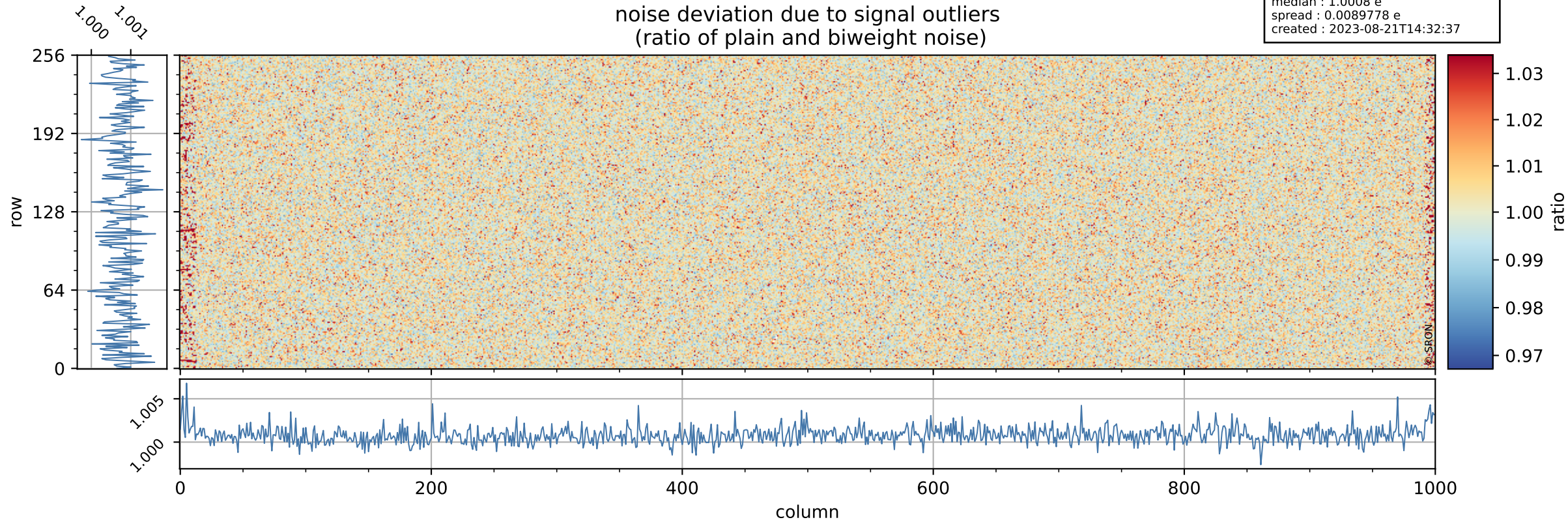
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

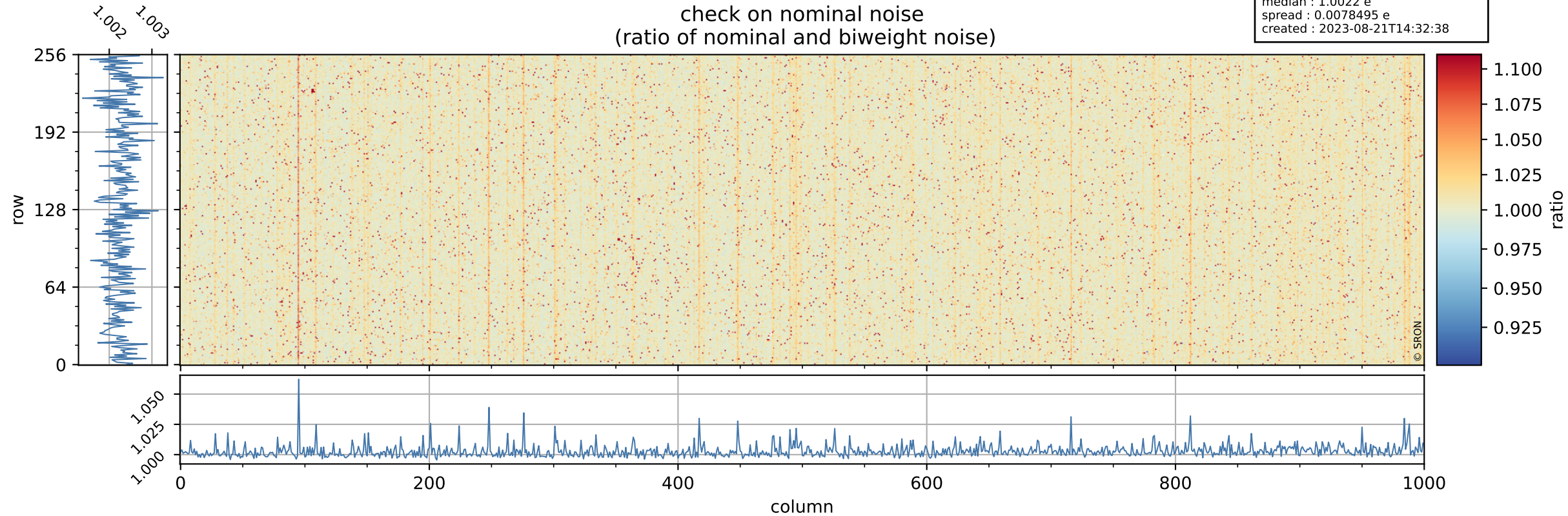
orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
median : 1.0008 e
spread : 0.0089778 e
created : 2023-08-21T14:32:37



Tropomi SWIR background noise (swir)

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

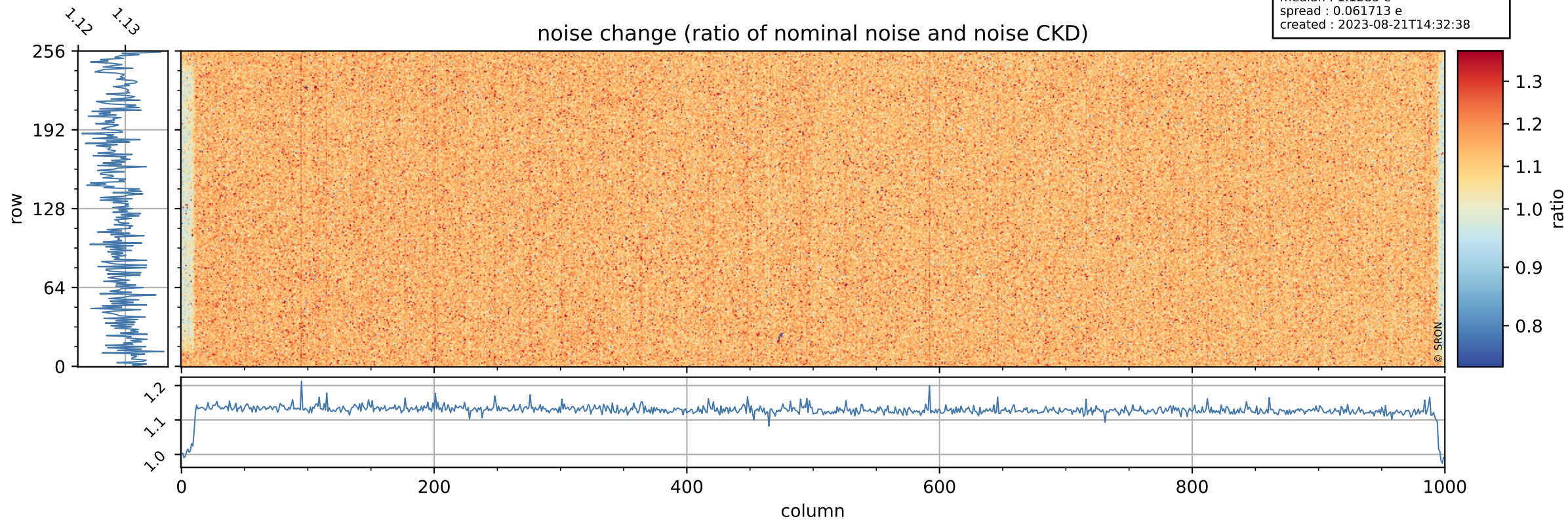
orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
median : 1.0022 e
spread : 0.0078495 e
created : 2023-08-21T14:32:38



Tropomi SWIR background noise (swir)

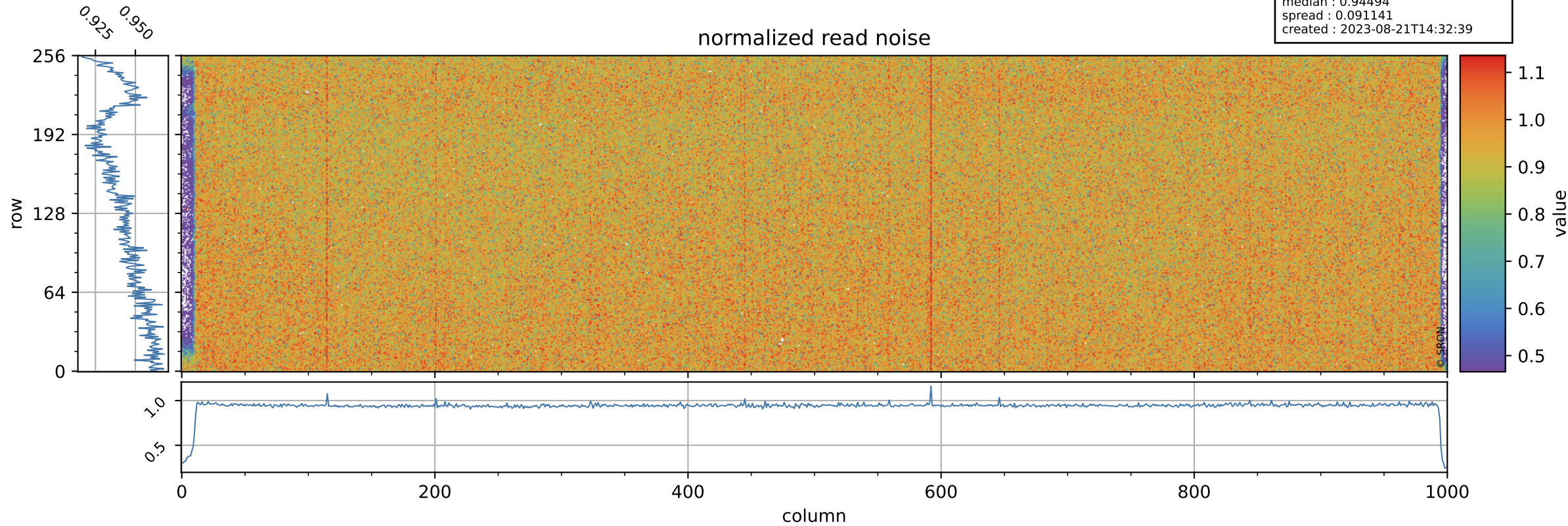
orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
median : 1.1285 e
spread : 0.061713 e
created : 2023-08-21T14:32:38

noise change (ratio of nominal noise and noise CKD)



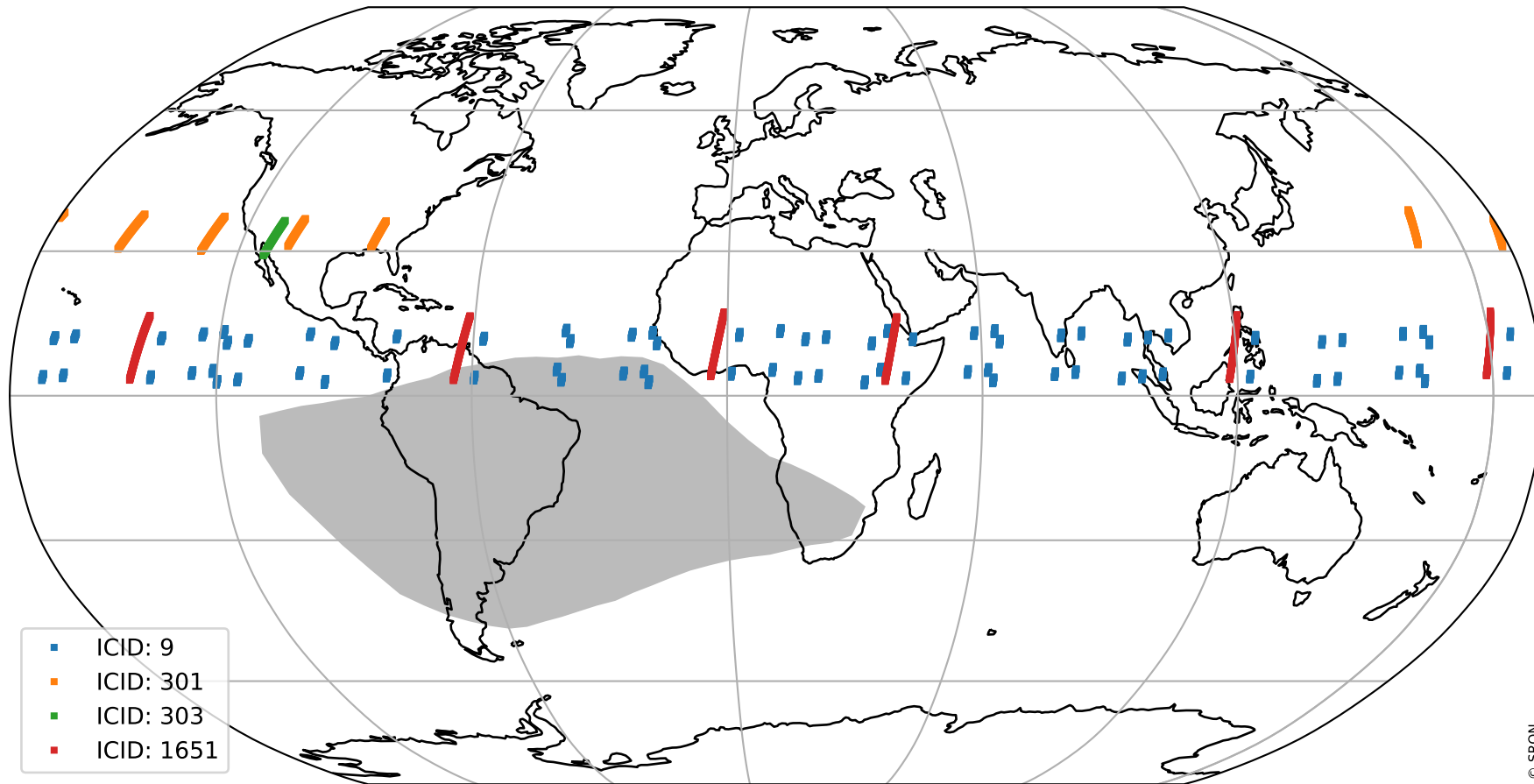
Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
median : 0.94494
spread : 0.091141
created : 2023-08-21T14:32:39



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

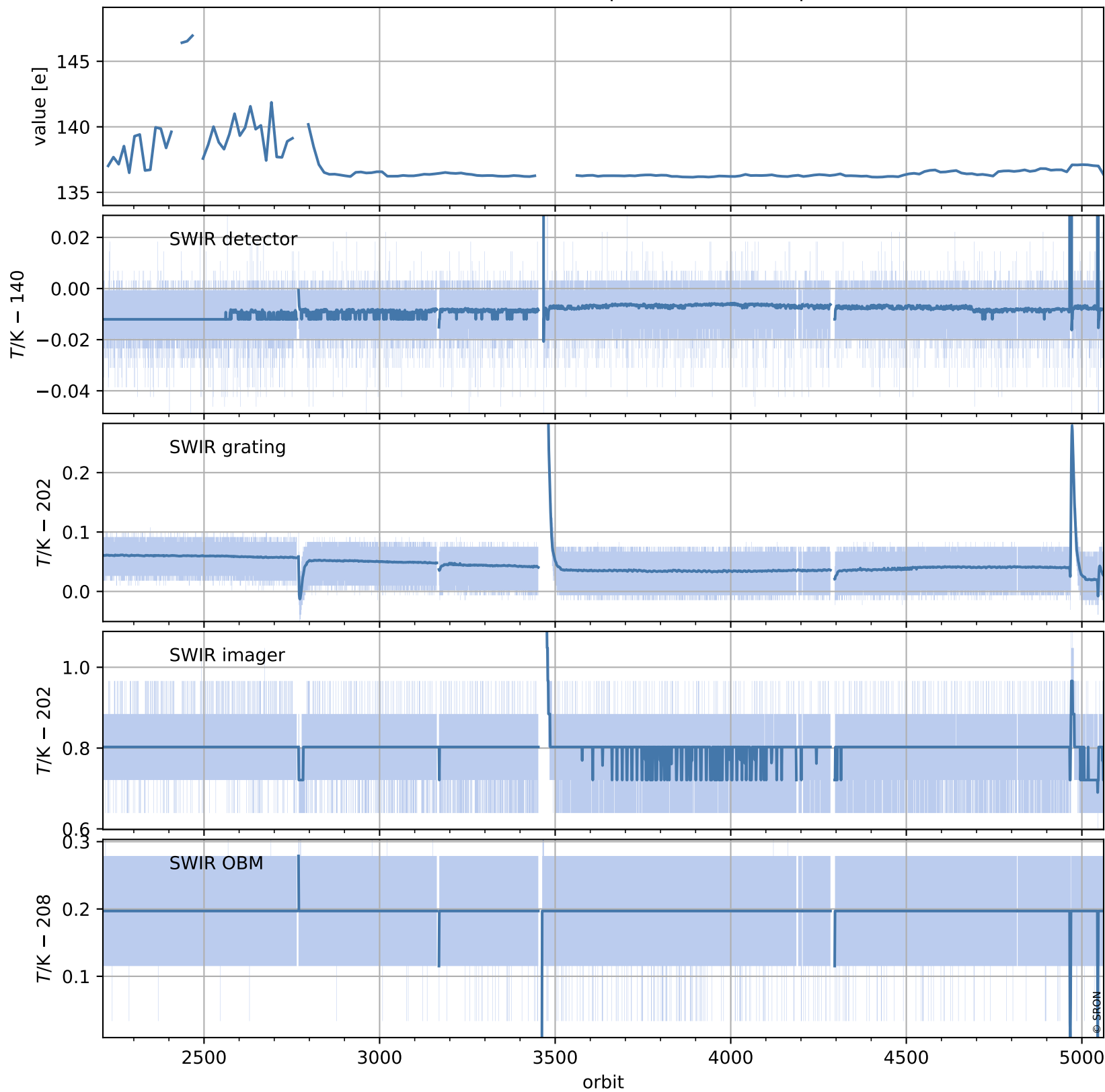
orbits : 13 in [4987, 5062]
coverage : 2018-09-29 / 2018-10-04
created : 2023-08-21T14:32:39



Tropomi SWIR background noise (swir)

orbits : [2212, 5062]
coverage : 2018-03-18 / 2018-10-04
created : 2023-08-21T14:32:40

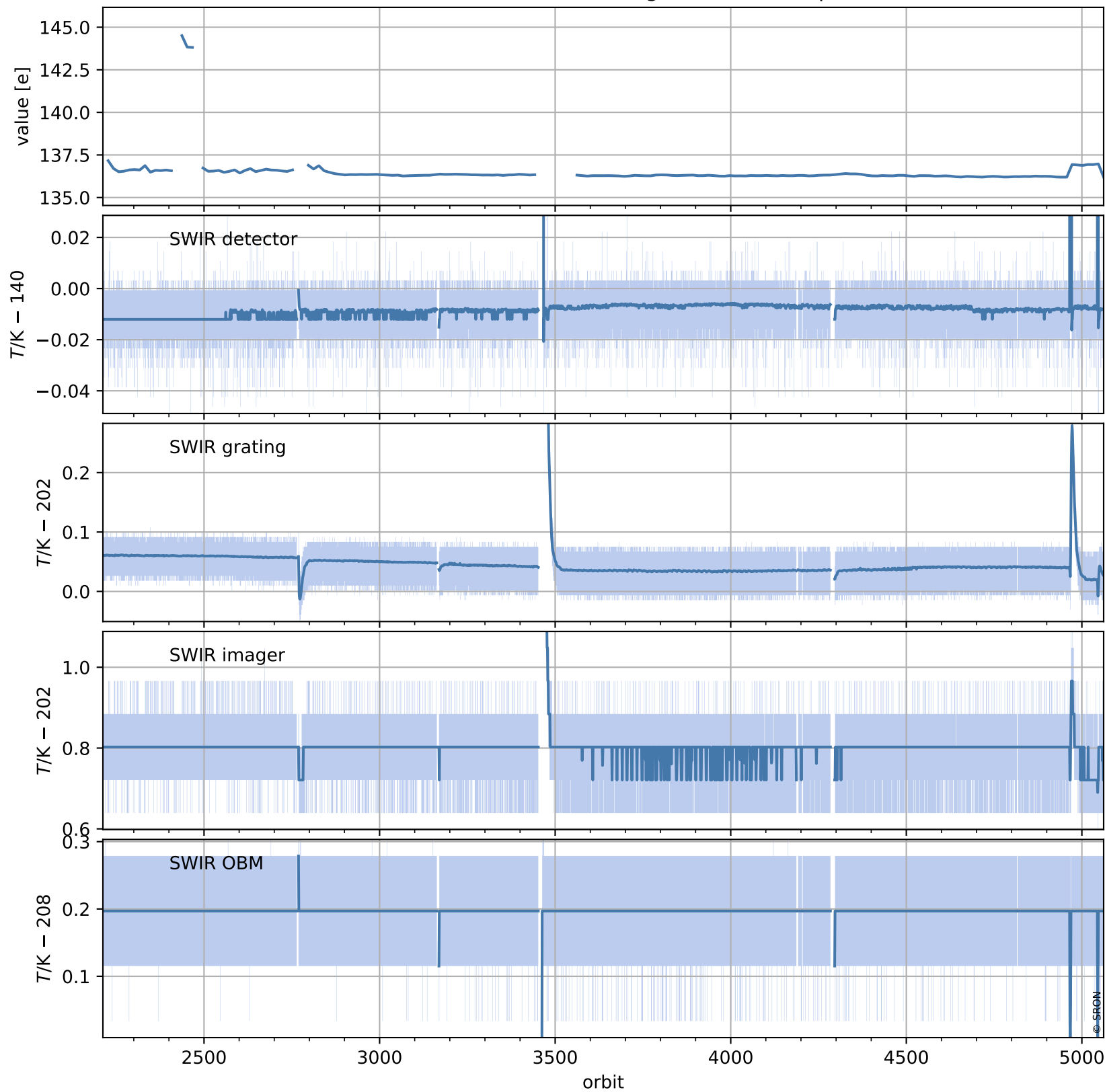
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5062]
coverage : 2018-03-18 / 2018-10-04
created : 2023-08-21T14:32:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5062]
coverage : 2018-03-18 / 2018-10-04
created : 2023-08-21T14:32:41

trend of normalized read-noise & temperatures

