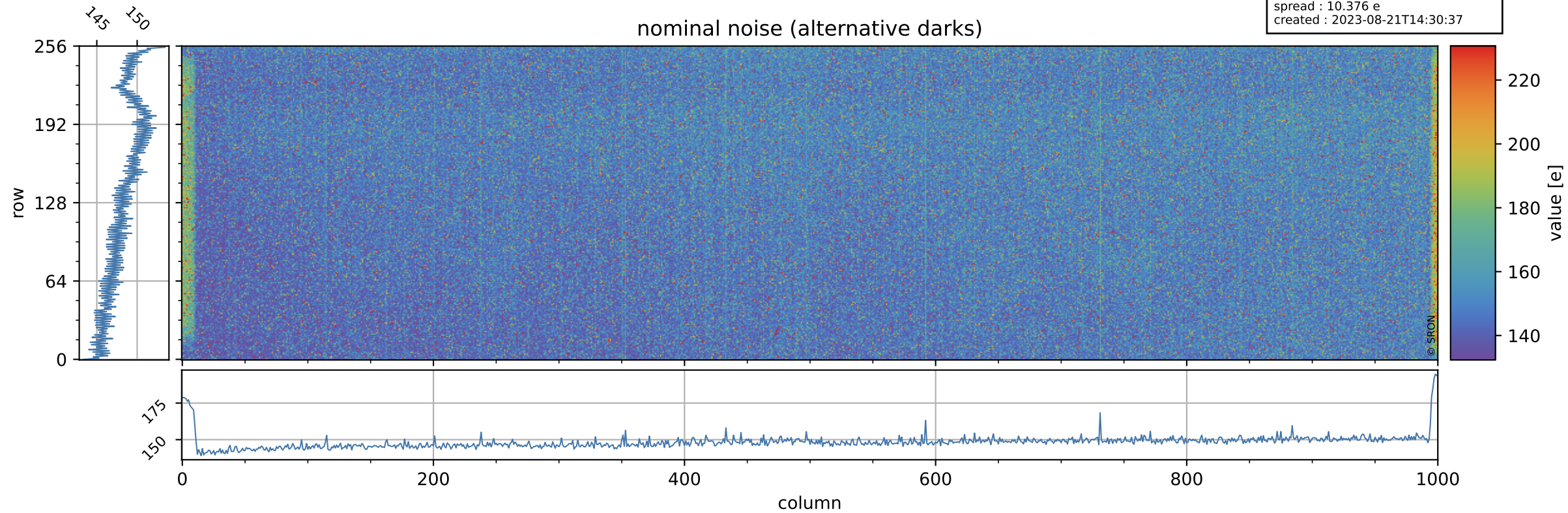


Tropomi SWIR background noise (swir)

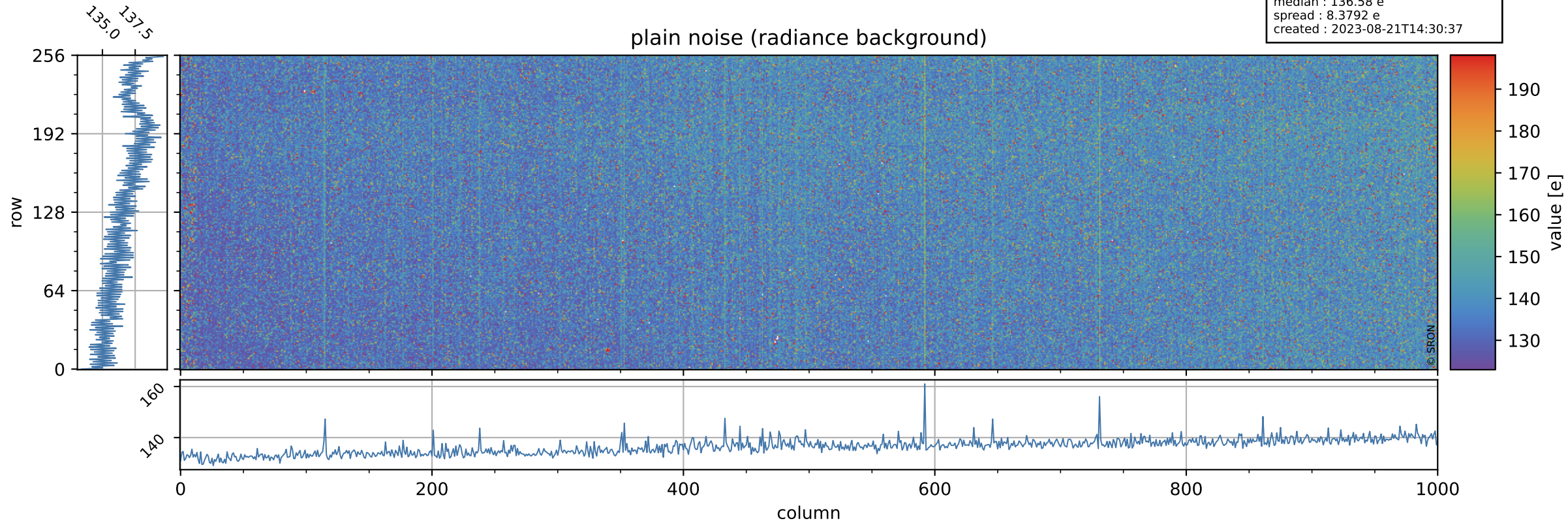
orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
n_coad, t_exp : 1, 1.0783
median : 148.22 e
spread : 10.376 e
created : 2023-08-21T14:30:37



Tropomi SWIR background noise (swir)

orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
n_coad, t_exp : 2, 0.5383
median : 136.58 e
spread : 8.3792 e
created : 2023-08-21T14:30:37

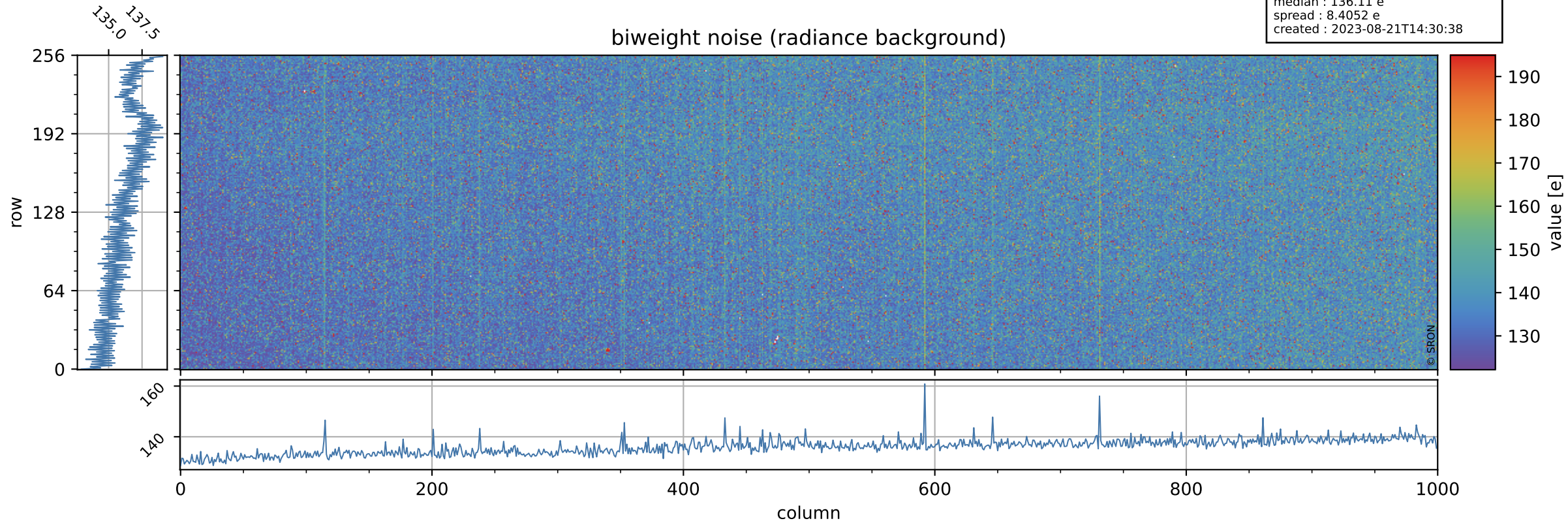
plain noise (radiance background)



Tropomi SWIR background noise (swir)

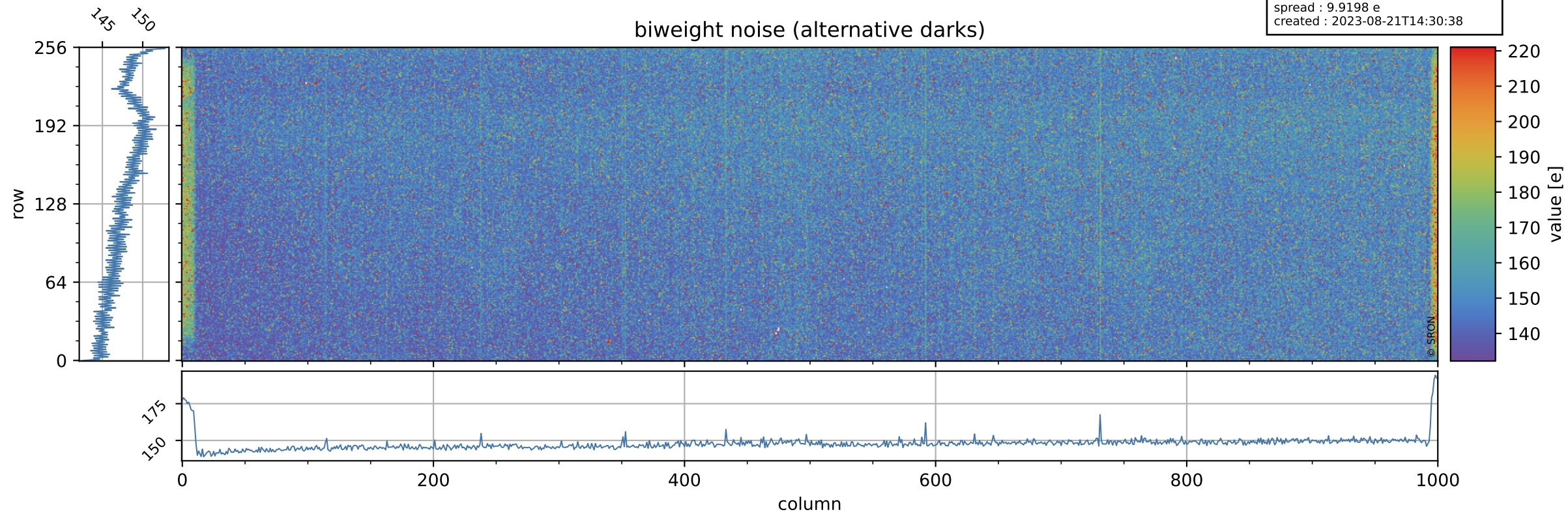
orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.4052 e
created : 2023-08-21T14:30:38

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

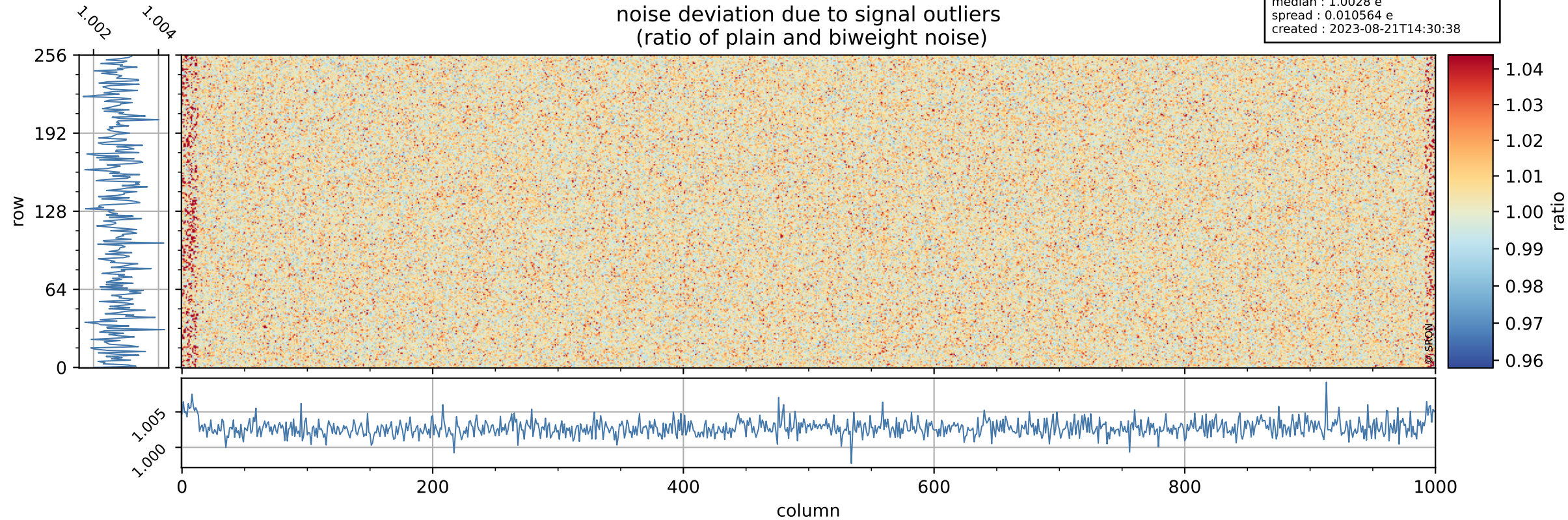
orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9198 e
created : 2023-08-21T14:30:38



Tropomi SWIR background noise (swir)

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

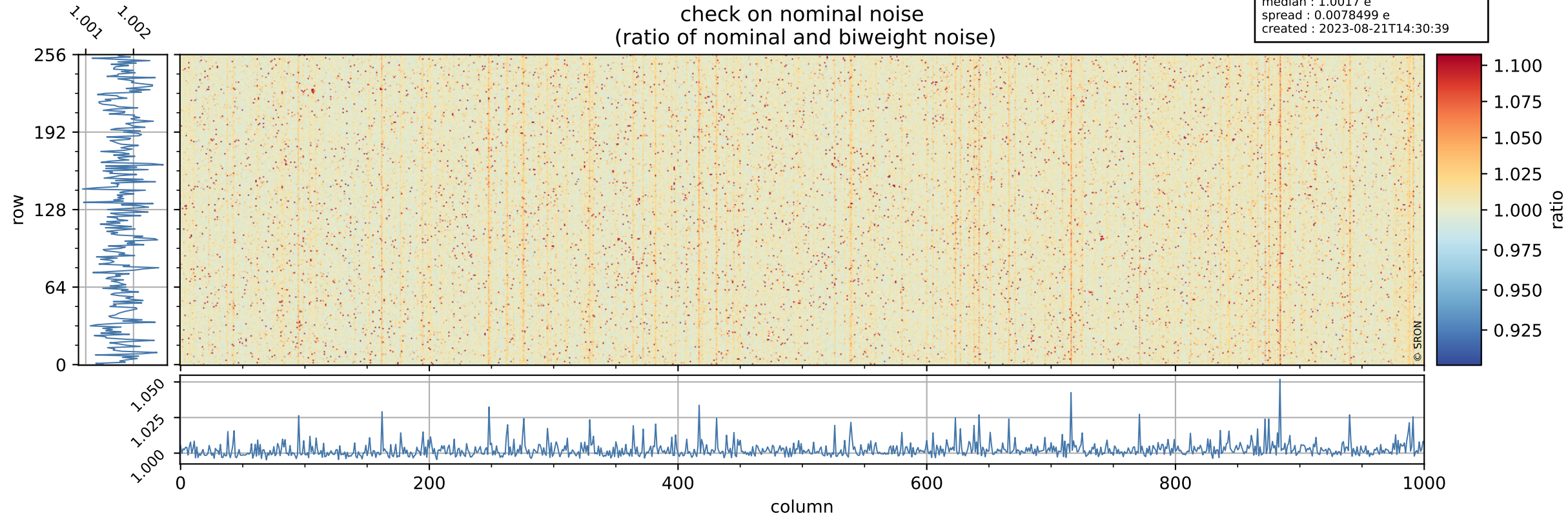
orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
median : 1.0028 e
spread : 0.010564 e
created : 2023-08-21T14:30:38



Tropomi SWIR background noise (swir)

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

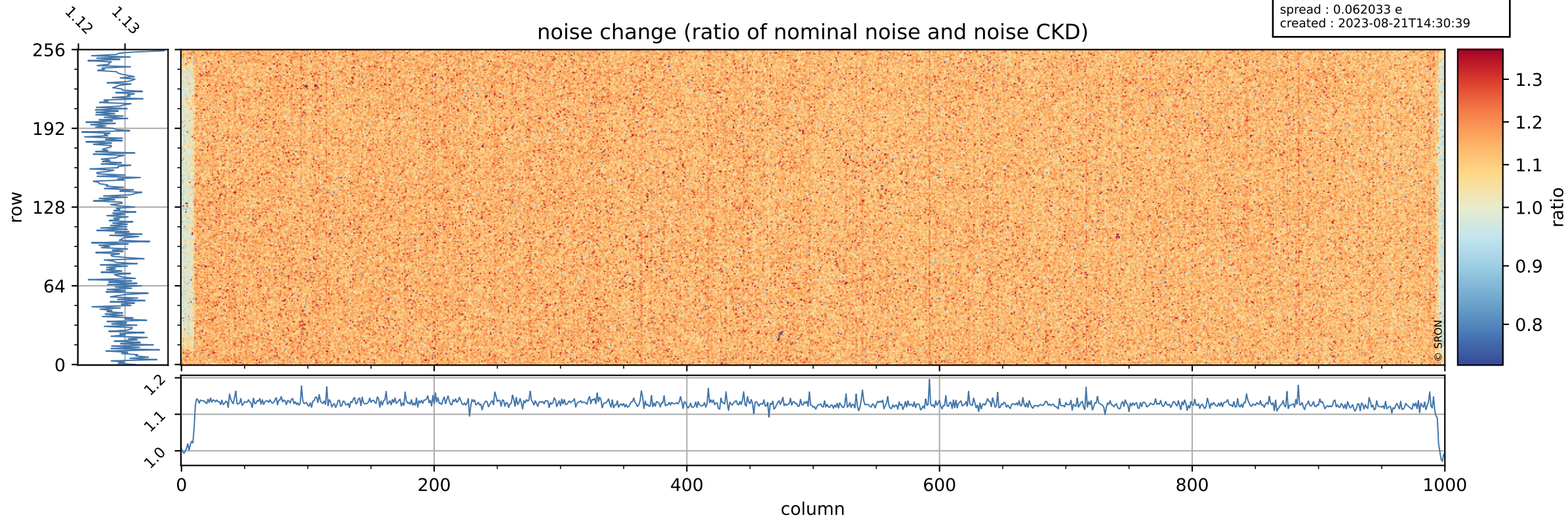
orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
median : 1.0017 e
spread : 0.0078499 e
created : 2023-08-21T14:30:39



Tropomi SWIR background noise (swir)

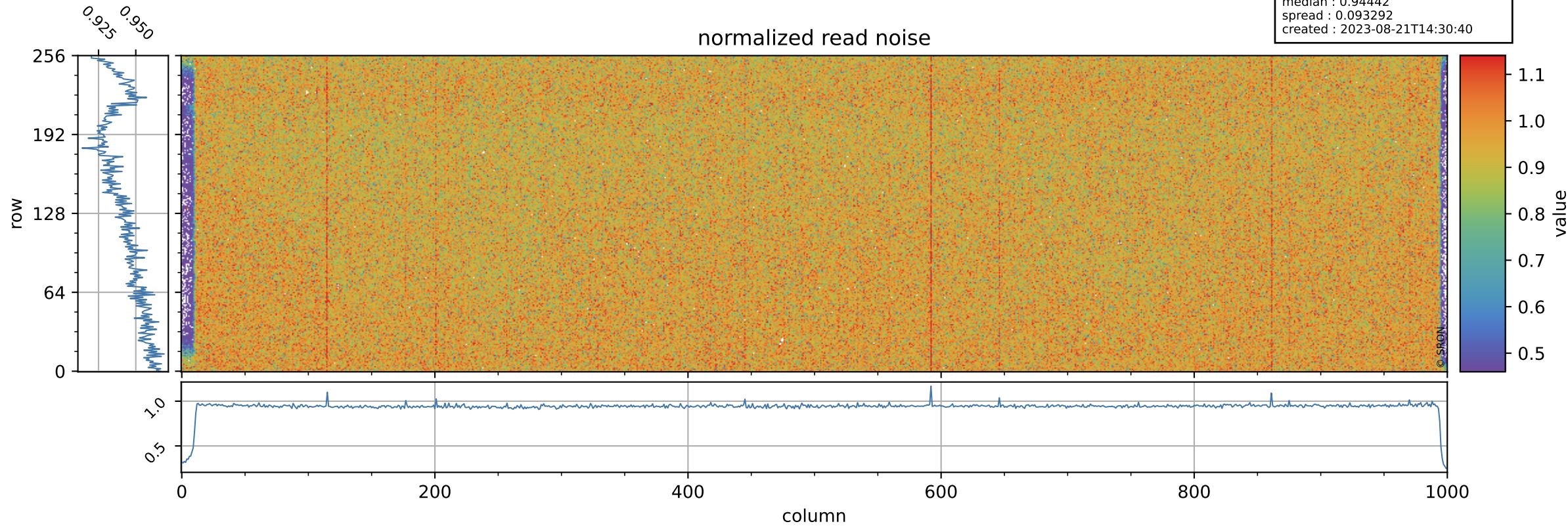
orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
median : 1.128 e
spread : 0.062033 e
created : 2023-08-21T14:30:39

noise change (ratio of nominal noise and noise CKD)



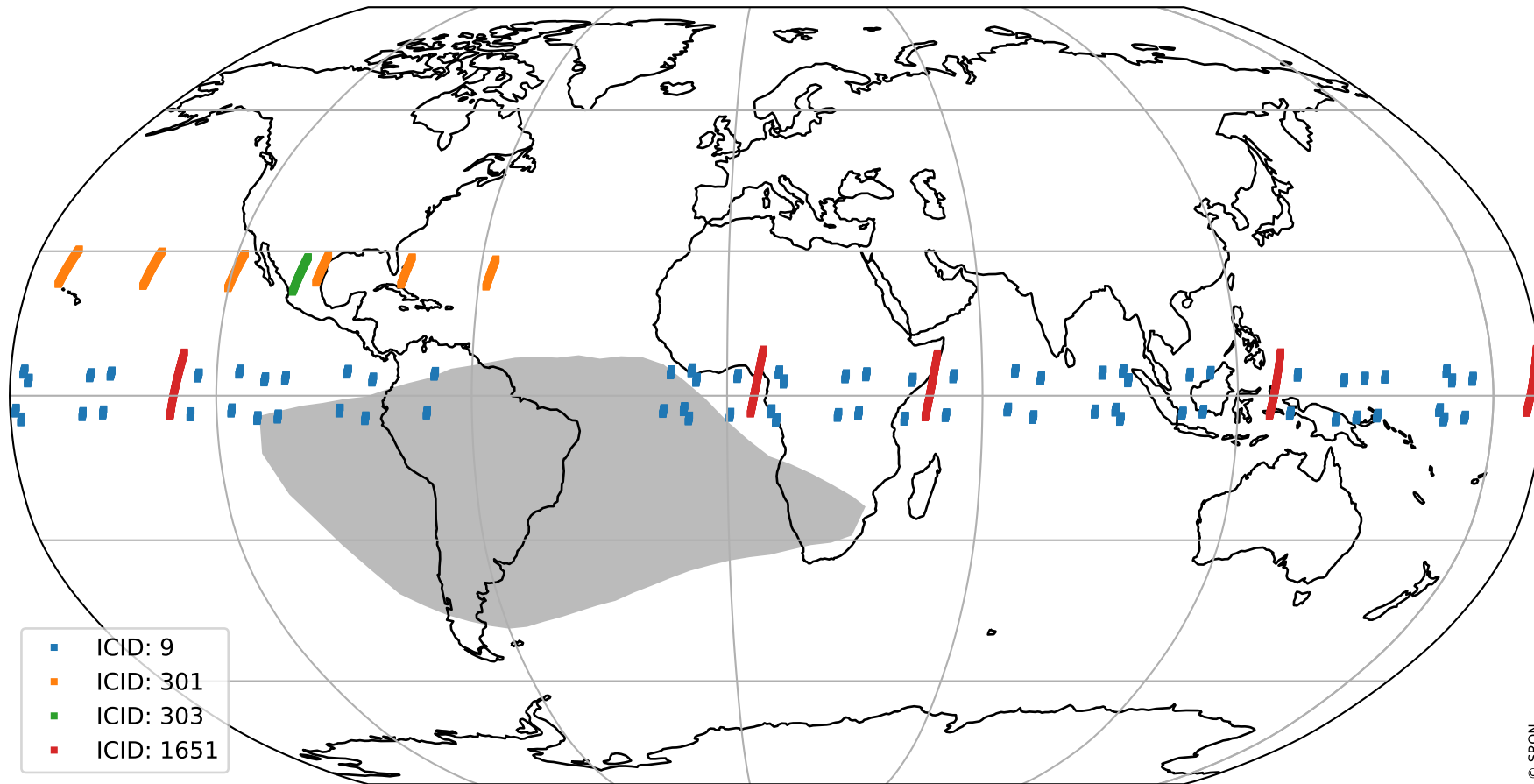
Tropomi SWIR background noise (swir)

orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
median : 0.94442
spread : 0.093292
created : 2023-08-21T14:30:40



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

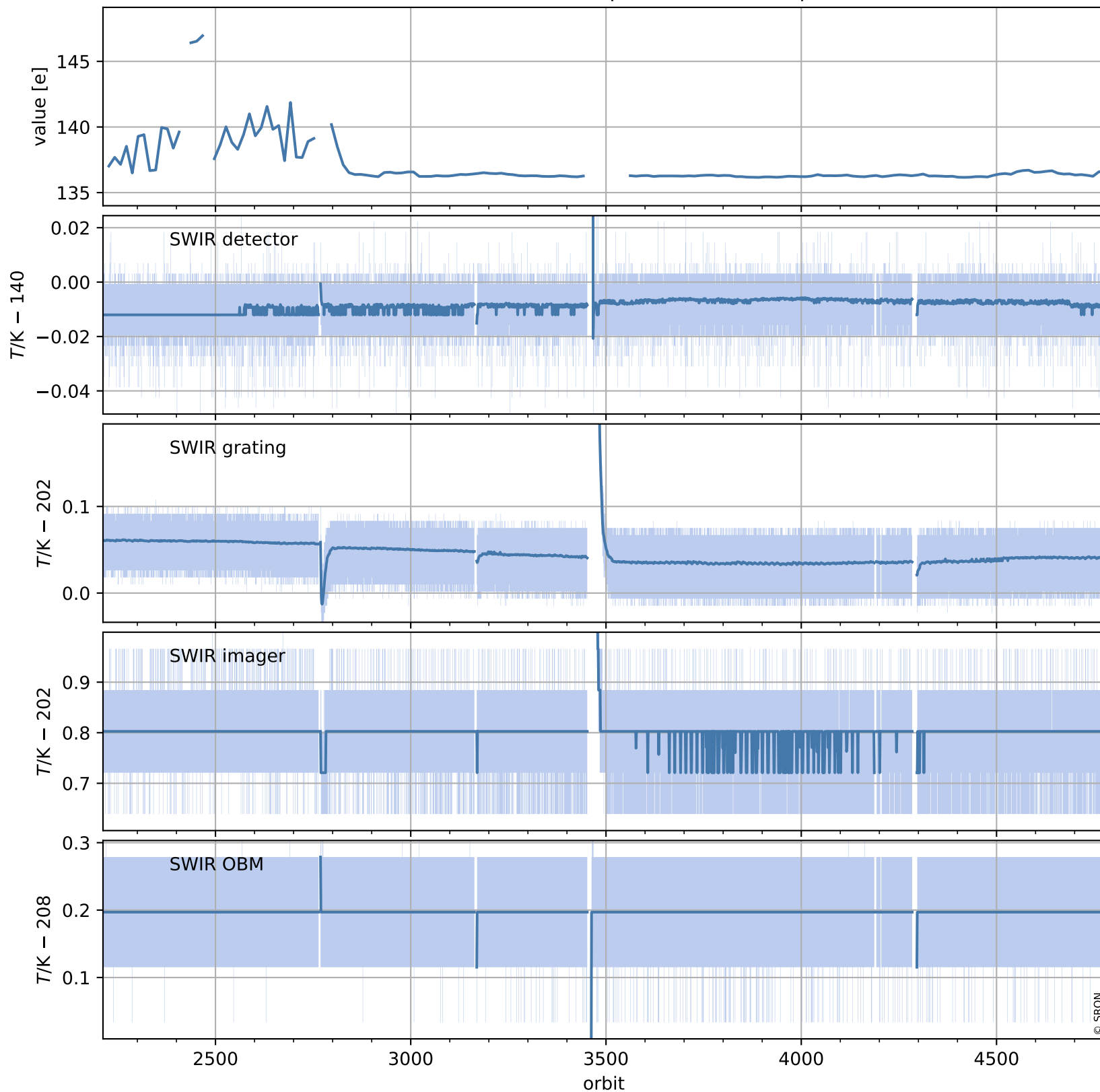
orbits : 12 in [4702, 4777]
coverage : 2018-09-09 / 2018-09-14
created : 2023-08-21T14:30:40



Tropomi SWIR background noise (swir)

orbits : [2212, 4777]
coverage : 2018-03-18 / 2018-09-14
created : 2023-08-21T14:30:40

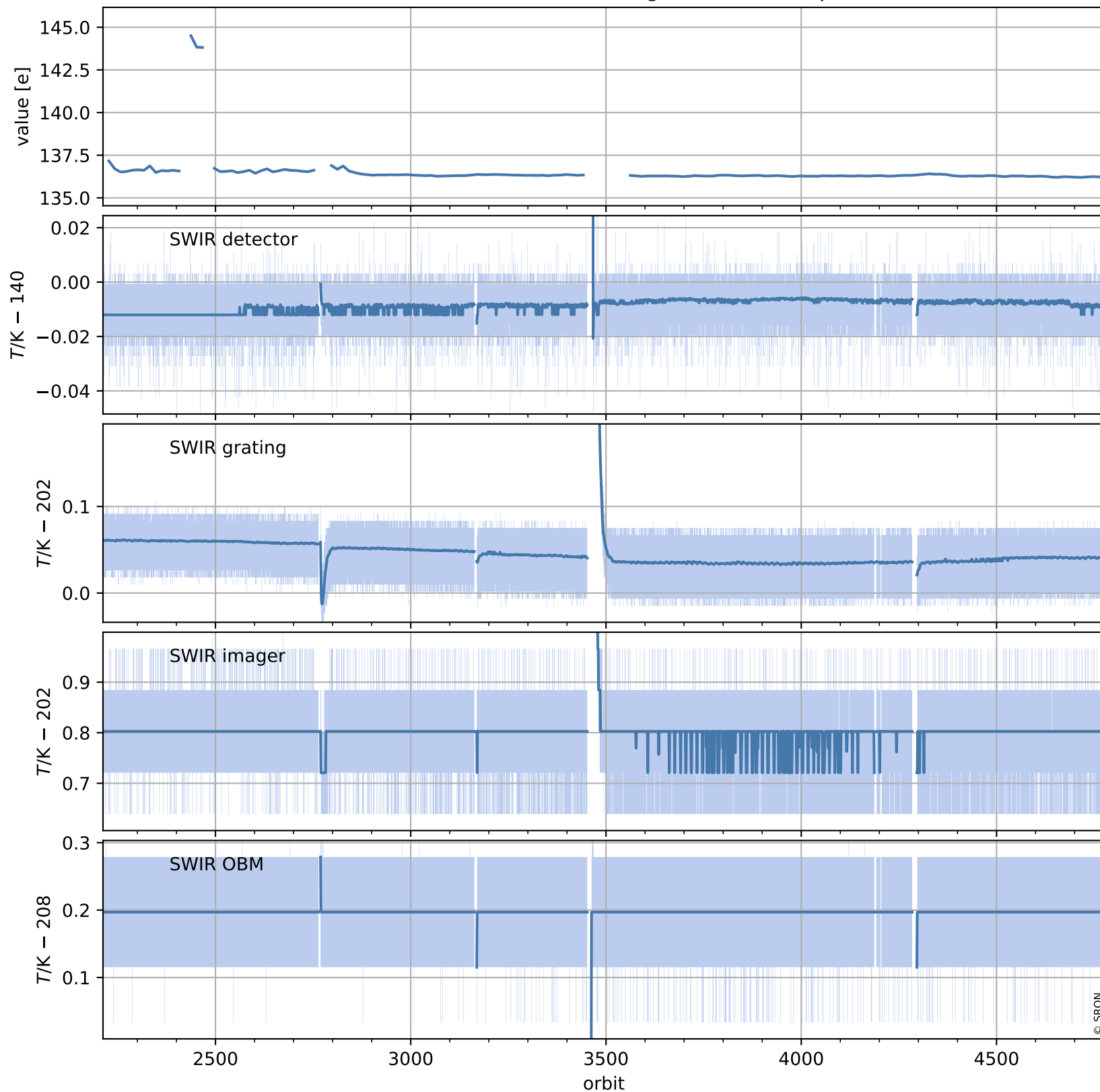
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4777]
coverage : 2018-03-18 / 2018-09-14
created : 2023-08-21T14:30:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4777]
coverage : 2018-03-18 / 2018-09-14
created : 2023-08-21T14:30:42

trend of normalized read-noise & temperatures

