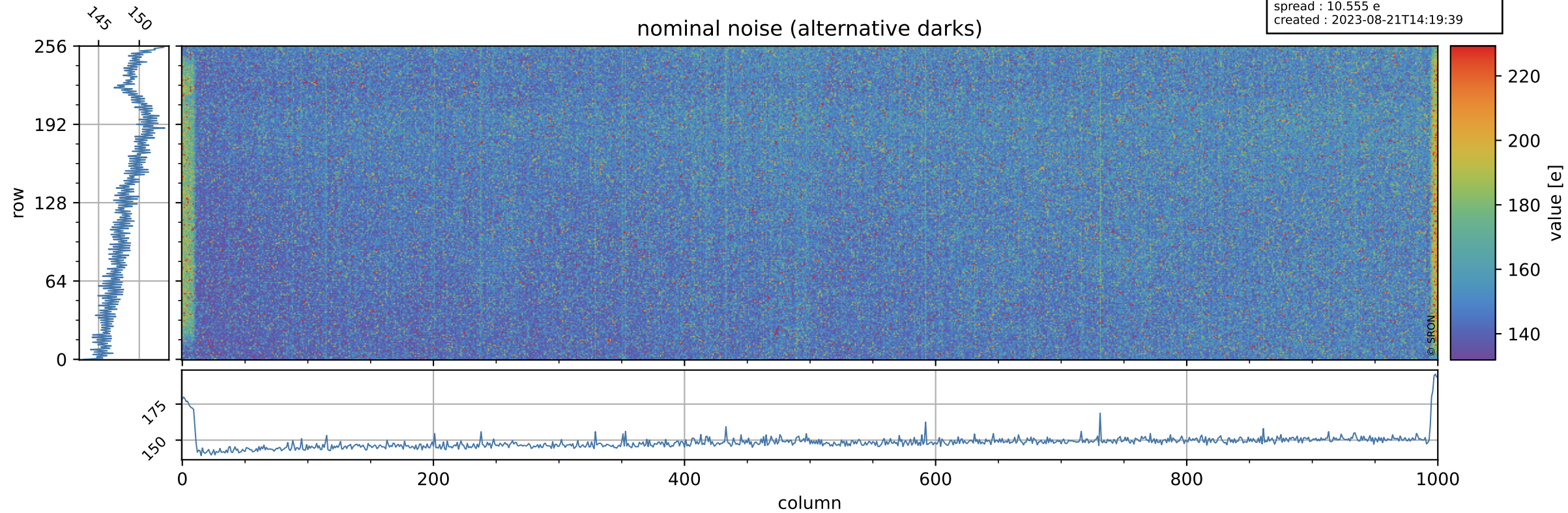


Tropomi SWIR background noise (swir)

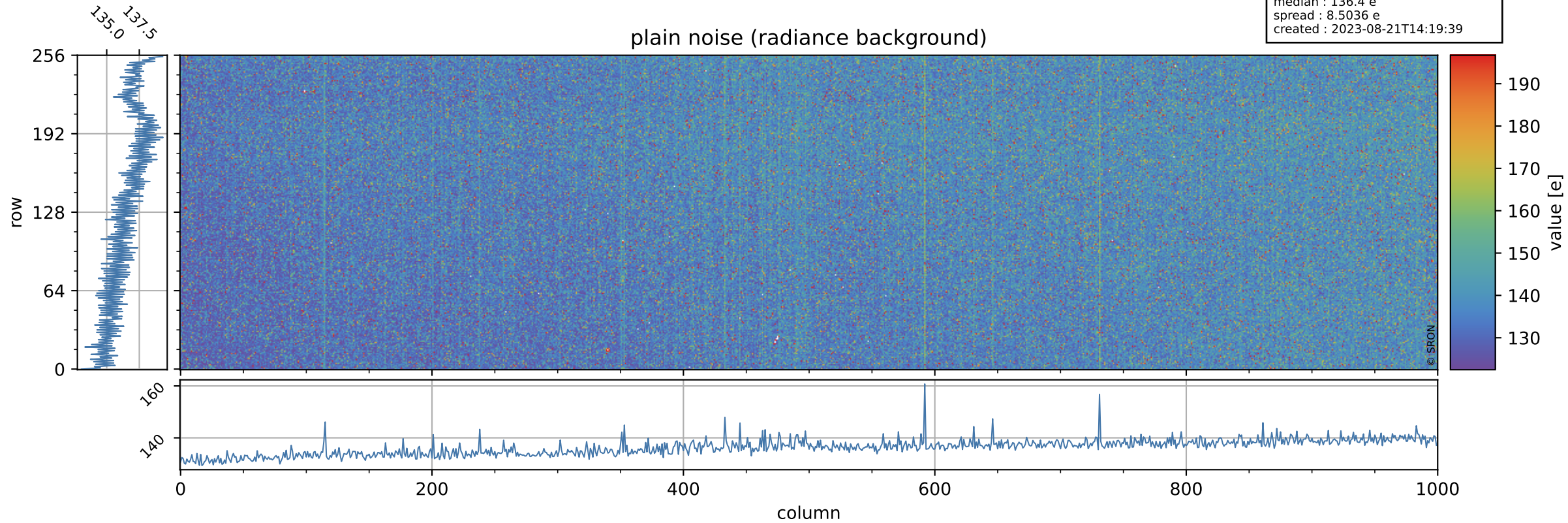
orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.555 e
created : 2023-08-21T14:19:39



Tropomi SWIR background noise (swir)

orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
n_coad, t_exp : 2, 0.5383
median : 136.4 e
spread : 8.5036 e
created : 2023-08-21T14:19:39

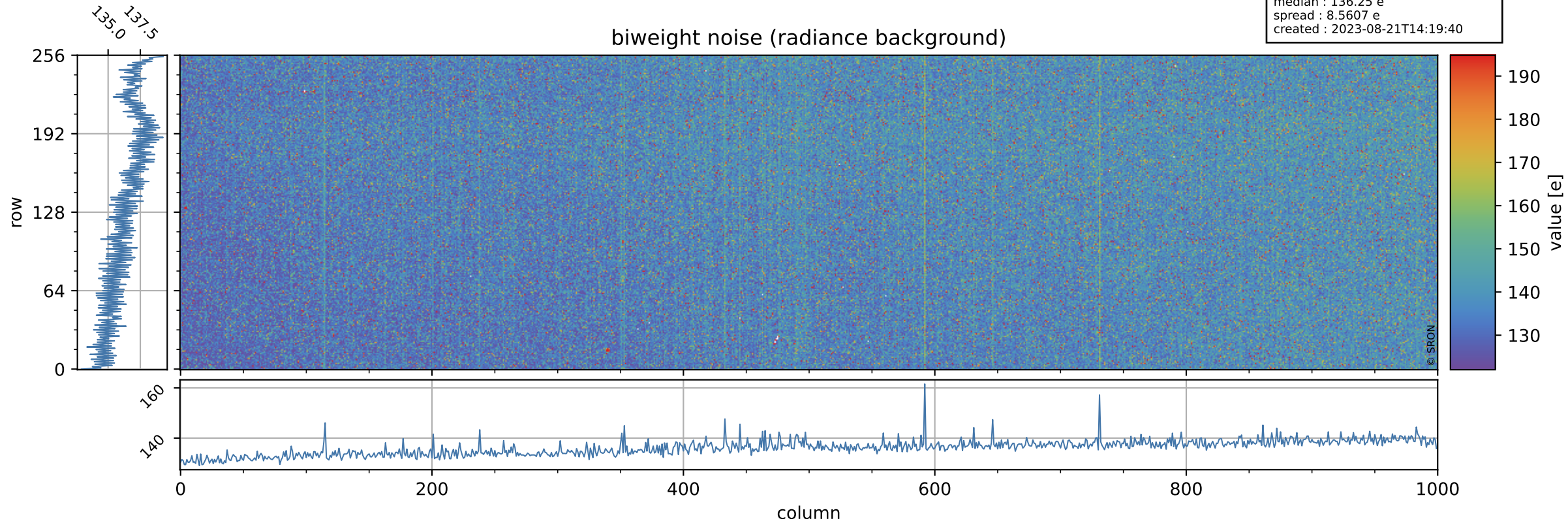
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5607 e
created : 2023-08-21T14:19:40

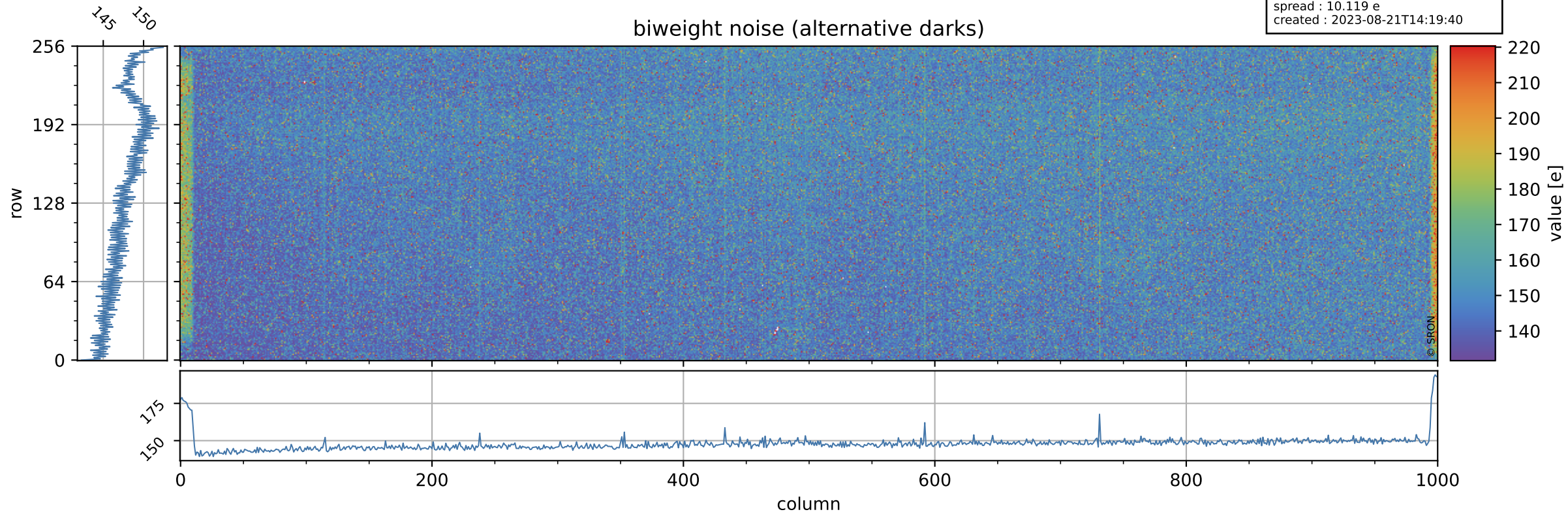
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 10.119 e
created : 2023-08-21T14:19:40

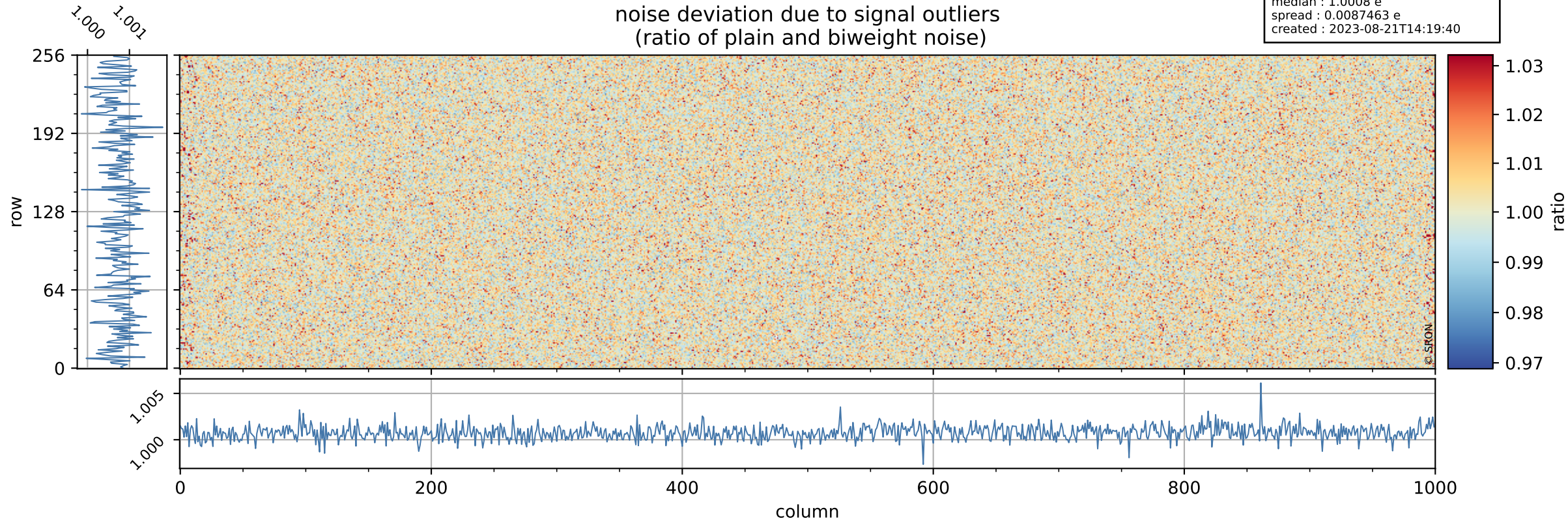
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

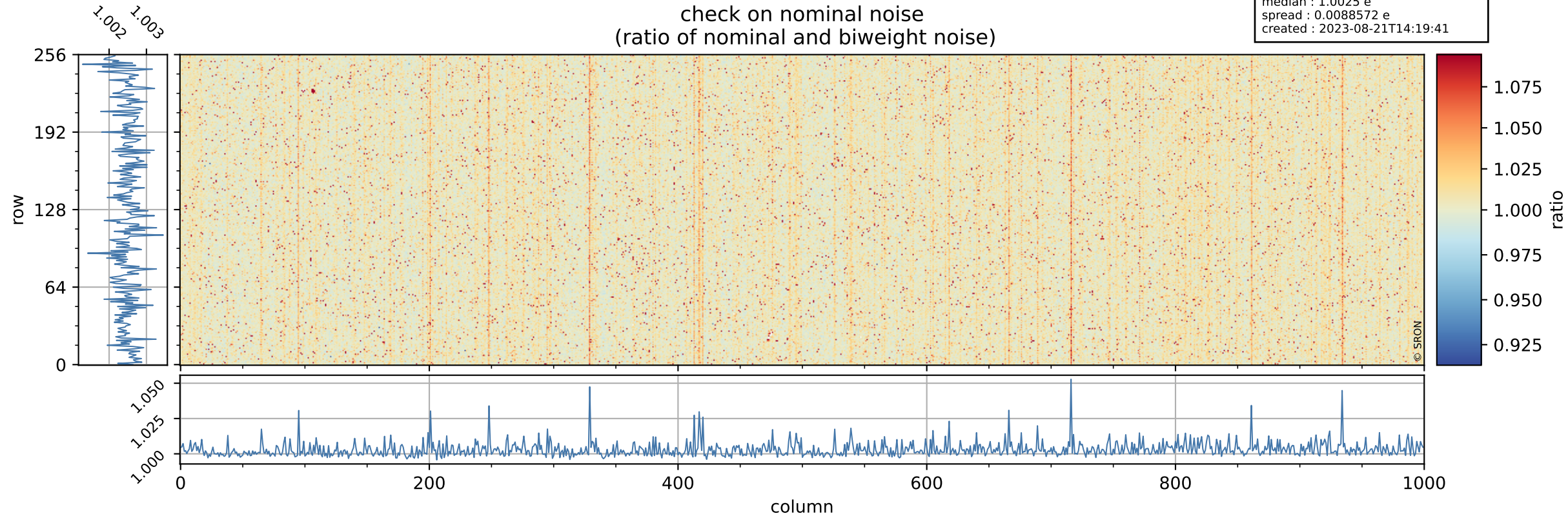
orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
median : 1.0008 e
spread : 0.0087463 e
created : 2023-08-21T14:19:40



Tropomi SWIR background noise (swir)

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

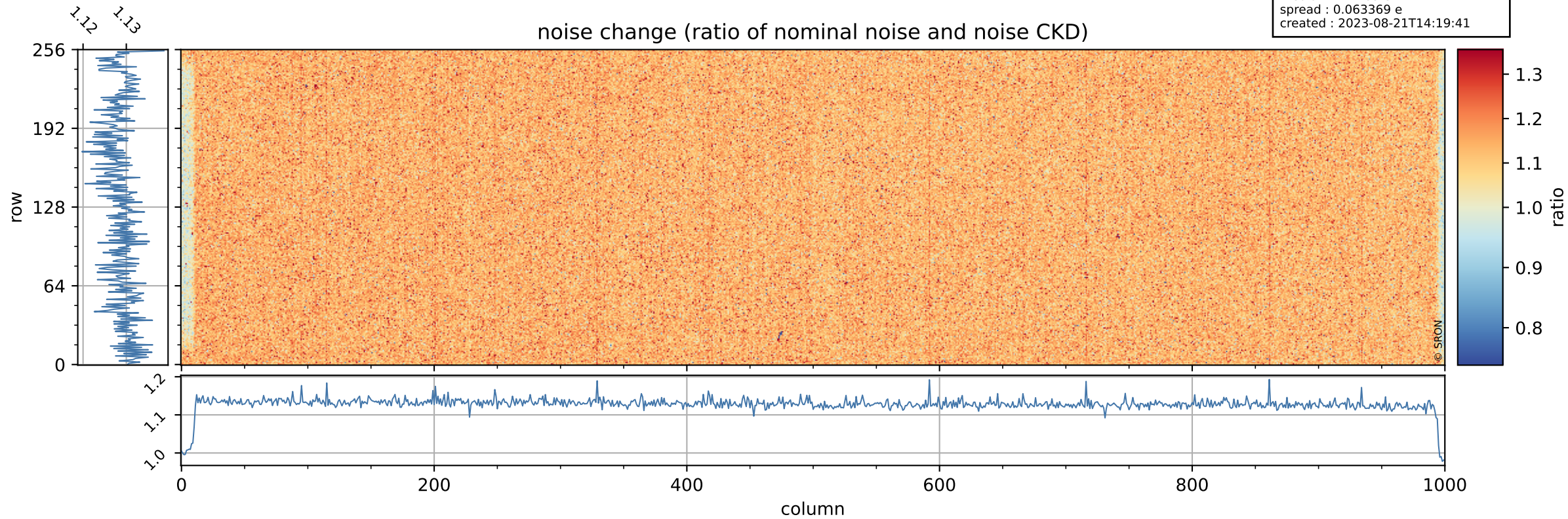
orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
median : 1.0025 e
spread : 0.0088572 e
created : 2023-08-21T14:19:41



Tropomi SWIR background noise (swir)

orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
median : 1.1285 e
spread : 0.063369 e
created : 2023-08-21T14:19:41

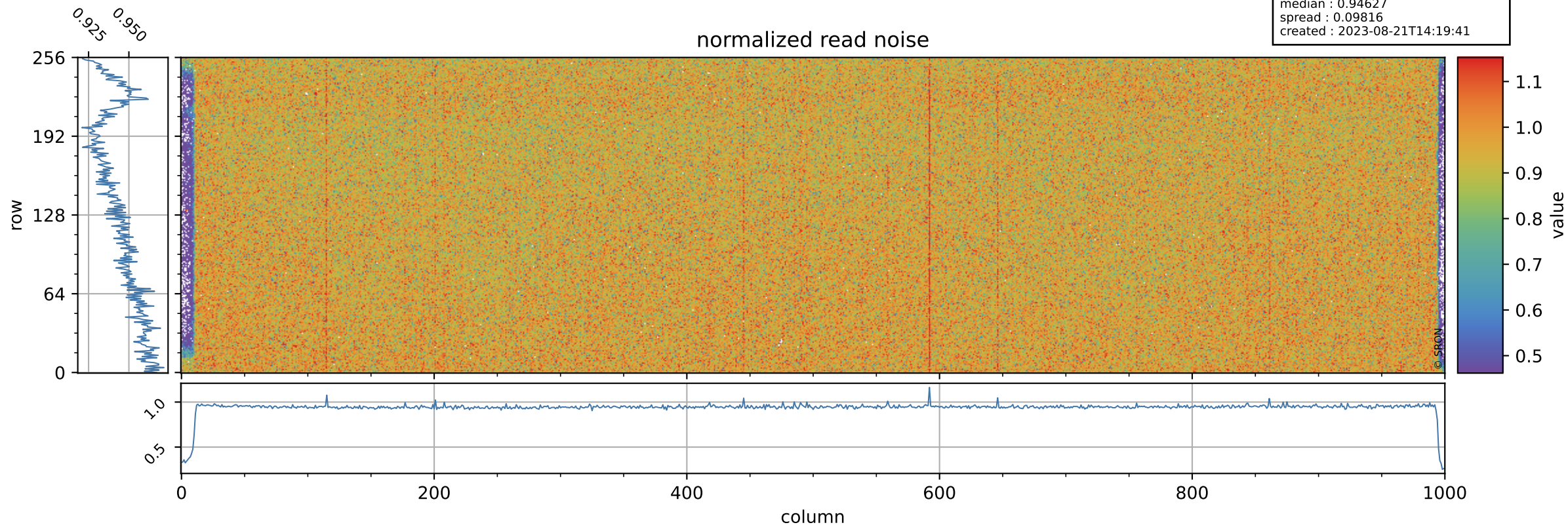
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

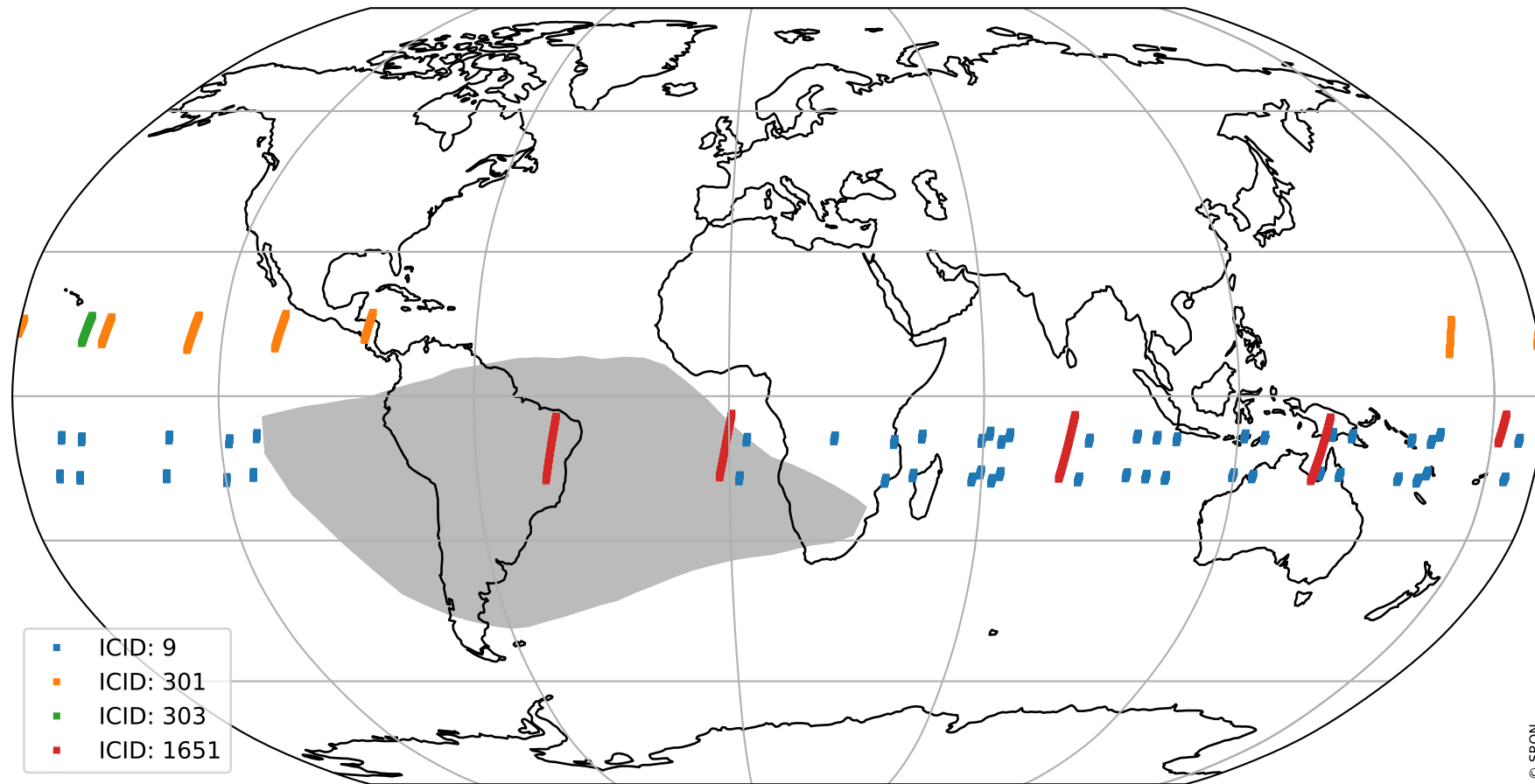
orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
median : 0.94627
spread : 0.09816
created : 2023-08-21T14:19:41

normalized read noise



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

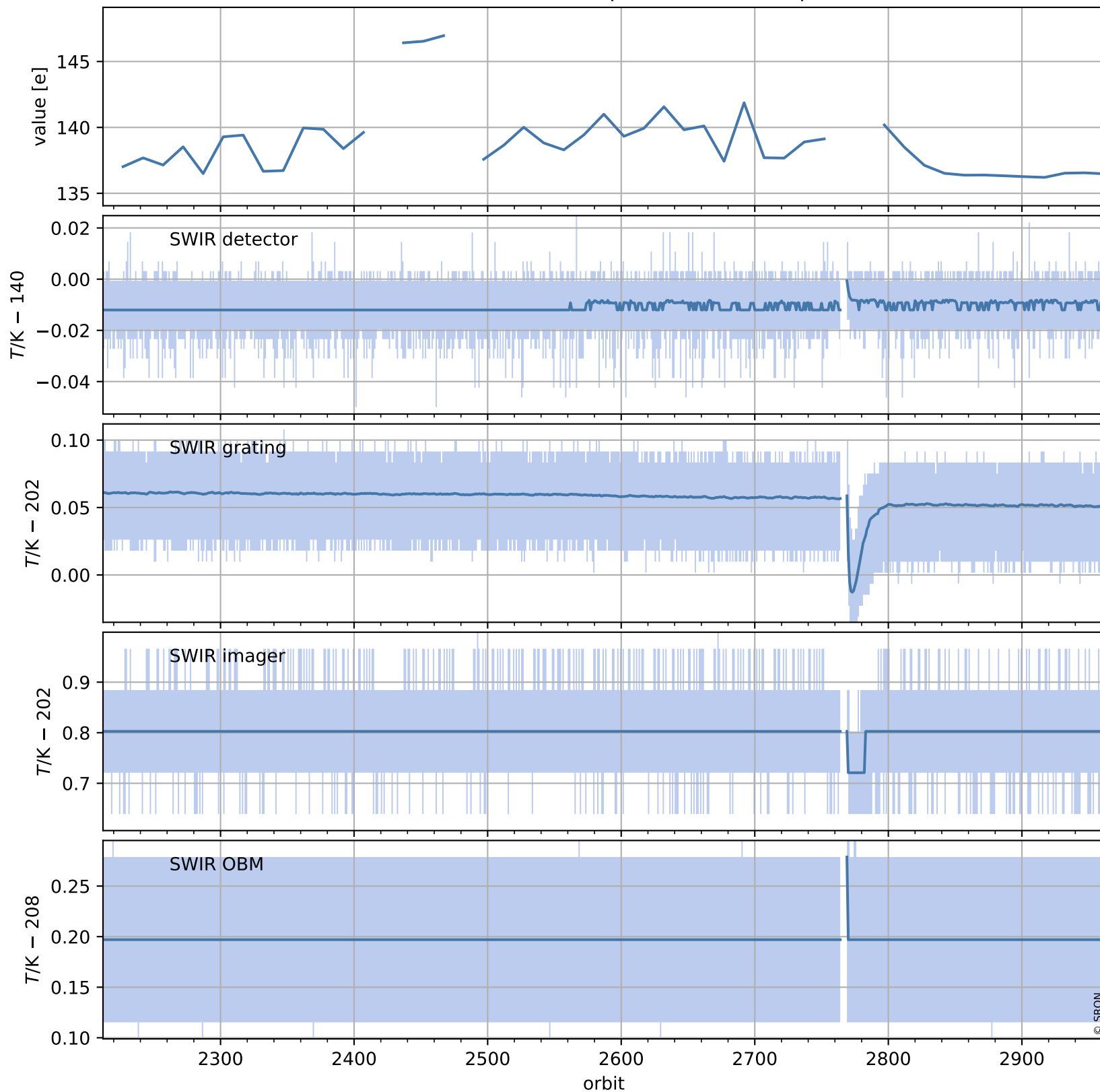
orbits : 12 in [2872, 2962]
coverage : 2018-05-04 / 2018-05-09
created : 2023-08-21T14:19:42



Tropomi SWIR background noise (swir)

orbits : [2212, 2962]
coverage : 2018-03-18 / 2018-05-09
created : 2023-08-21T14:19:42

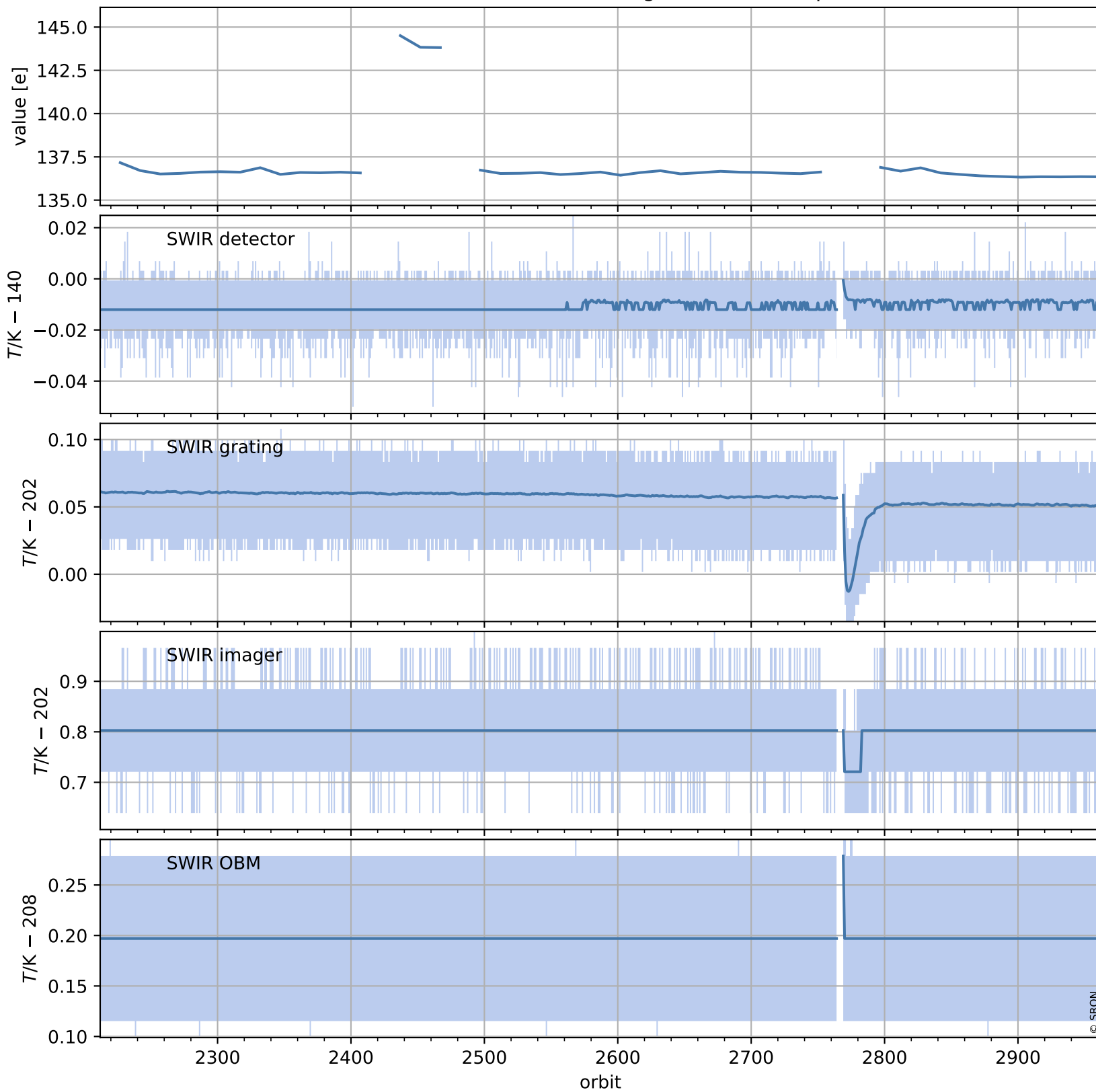
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2962]
coverage : 2018-03-18 / 2018-05-09
created : 2023-08-21T14:19:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2962]
coverage : 2018-03-18 / 2018-05-09
created : 2023-08-21T14:19:43

trend of normalized read-noise & temperatures

