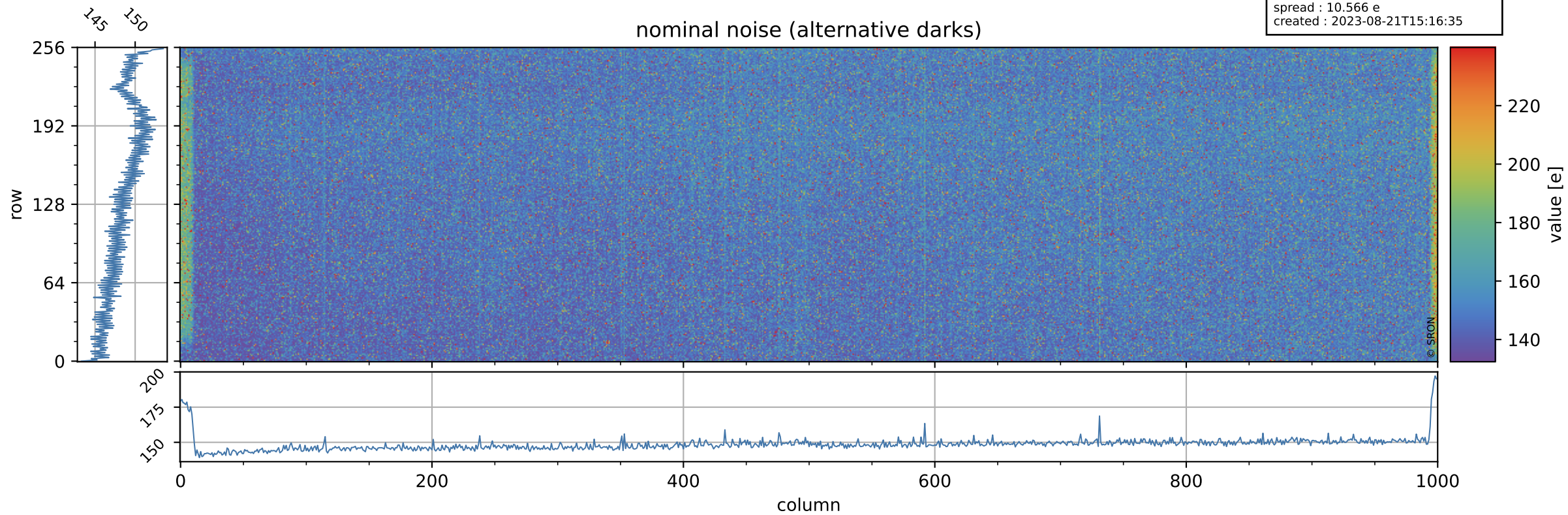


Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.566 e
created : 2023-08-21T15:16:35

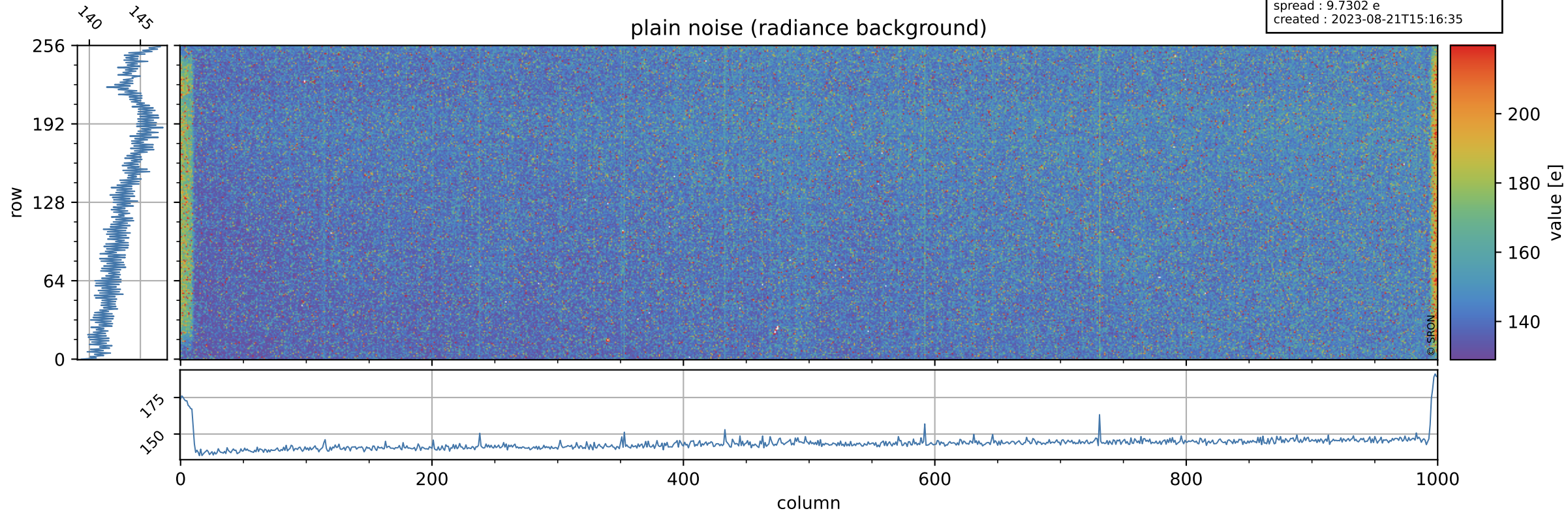
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.7302 e
created : 2023-08-21T15:16:35

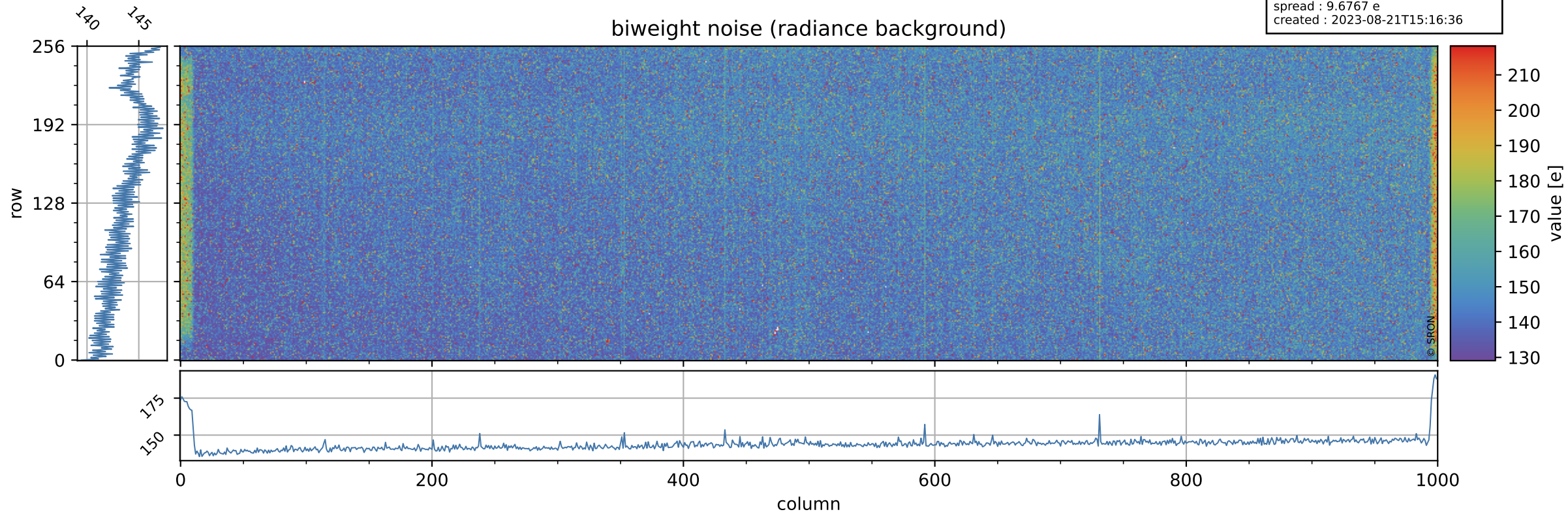
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.6767 e
created : 2023-08-21T15:16:36

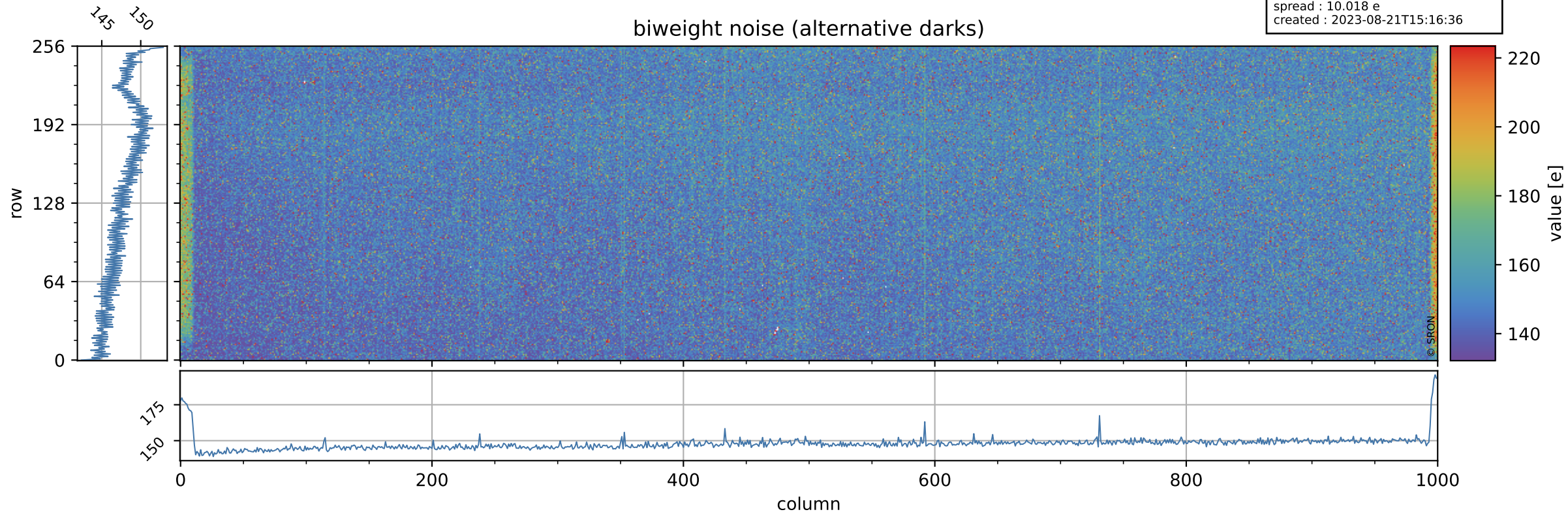
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.018 e
created : 2023-08-21T15:16:36

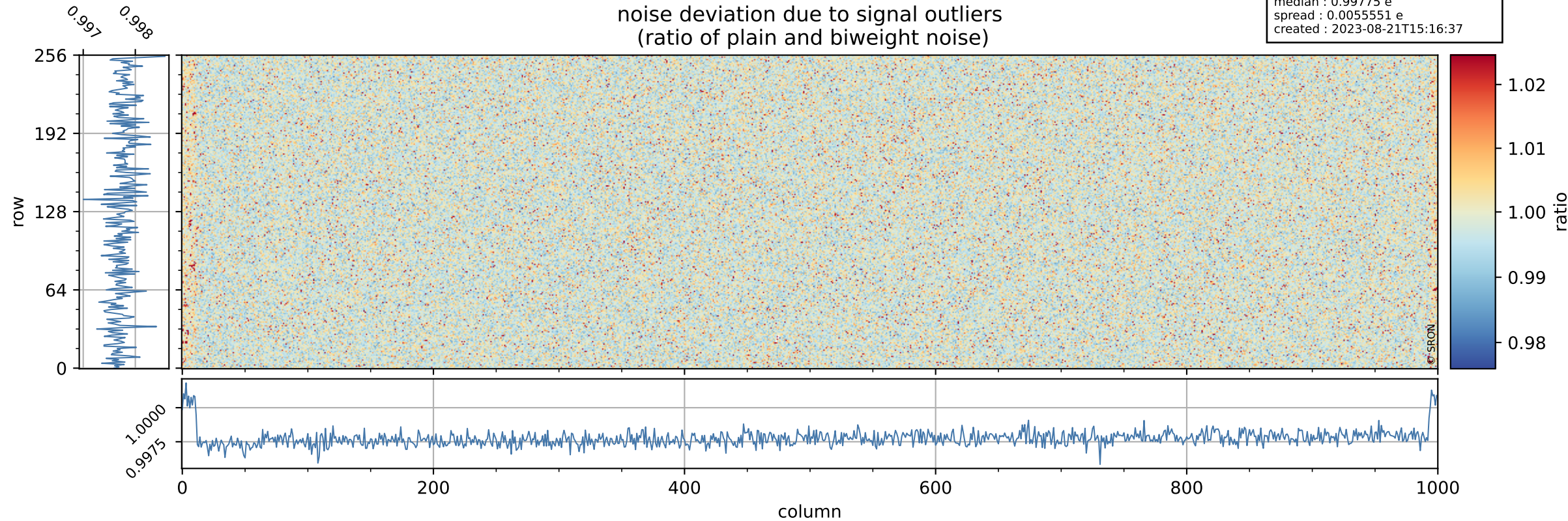
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

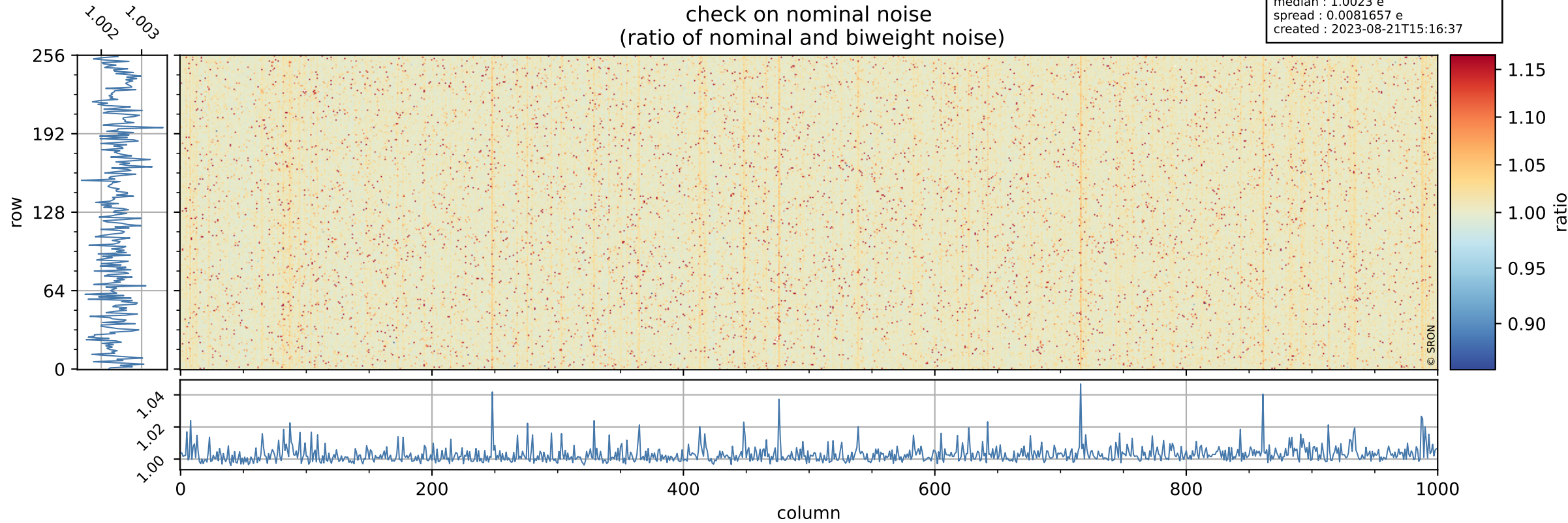
orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
median : 0.99775 e
spread : 0.0055551 e
created : 2023-08-21T15:16:37



Tropomi SWIR background noise (swir)

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

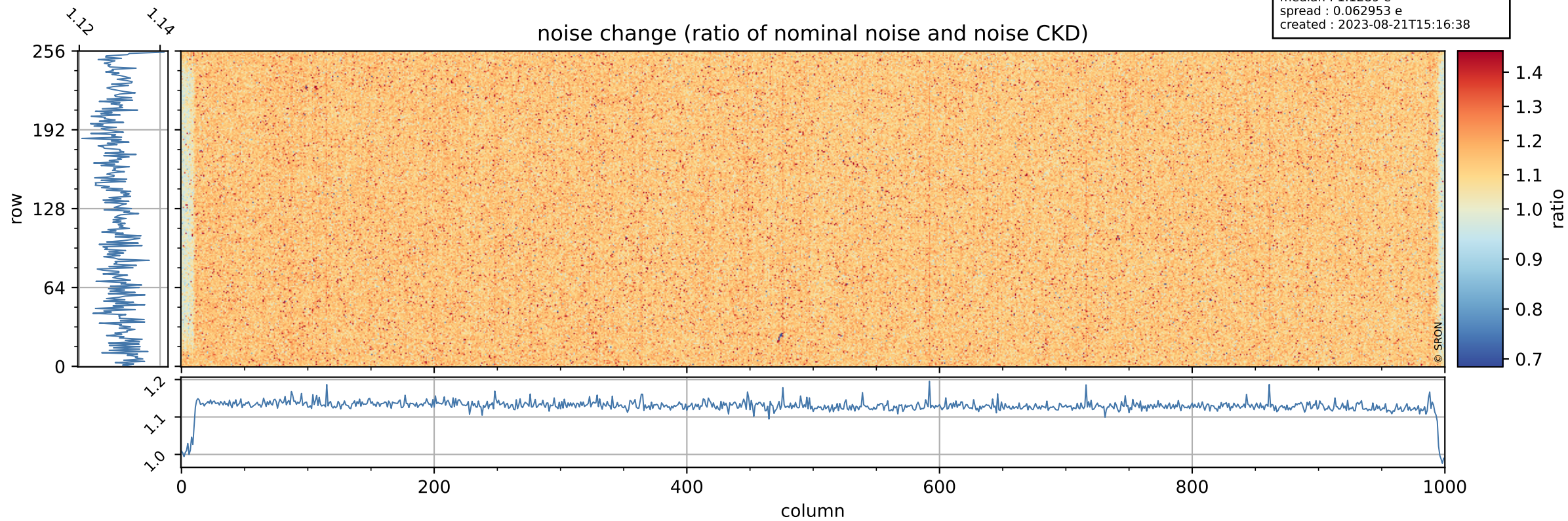
orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
median : 1.0023 e
spread : 0.0081657 e
created : 2023-08-21T15:16:37



Tropomi SWIR background noise (swir)

orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
median : 1.1289 e
spread : 0.062953 e
created : 2023-08-21T15:16:38

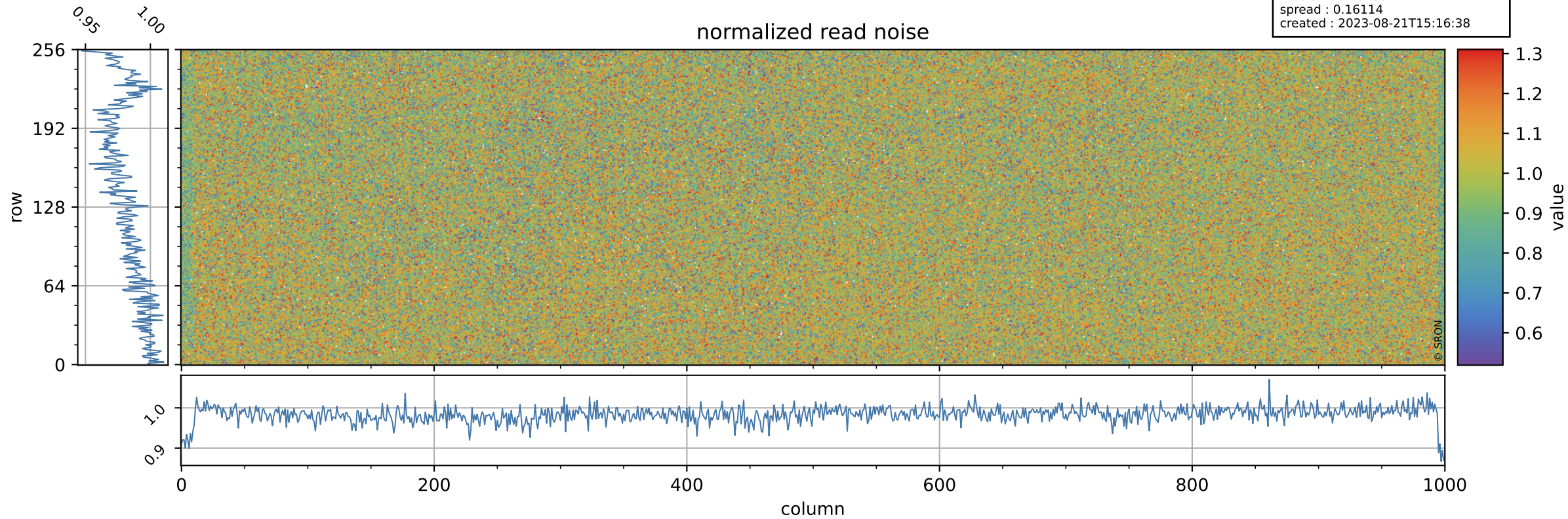
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

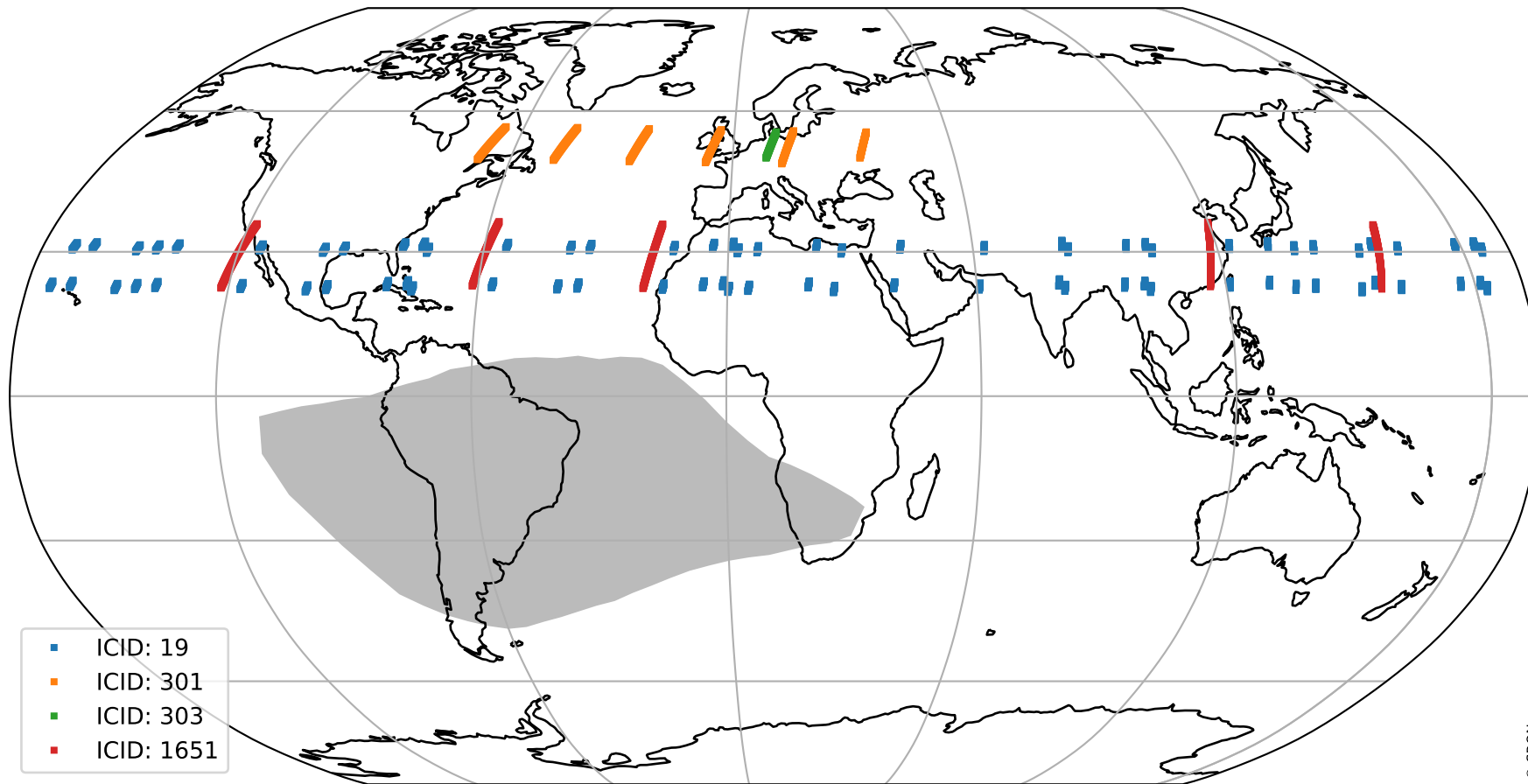
orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
median : 0.98188
spread : 0.16114
created : 2023-08-21T15:16:38

normalized read noise



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

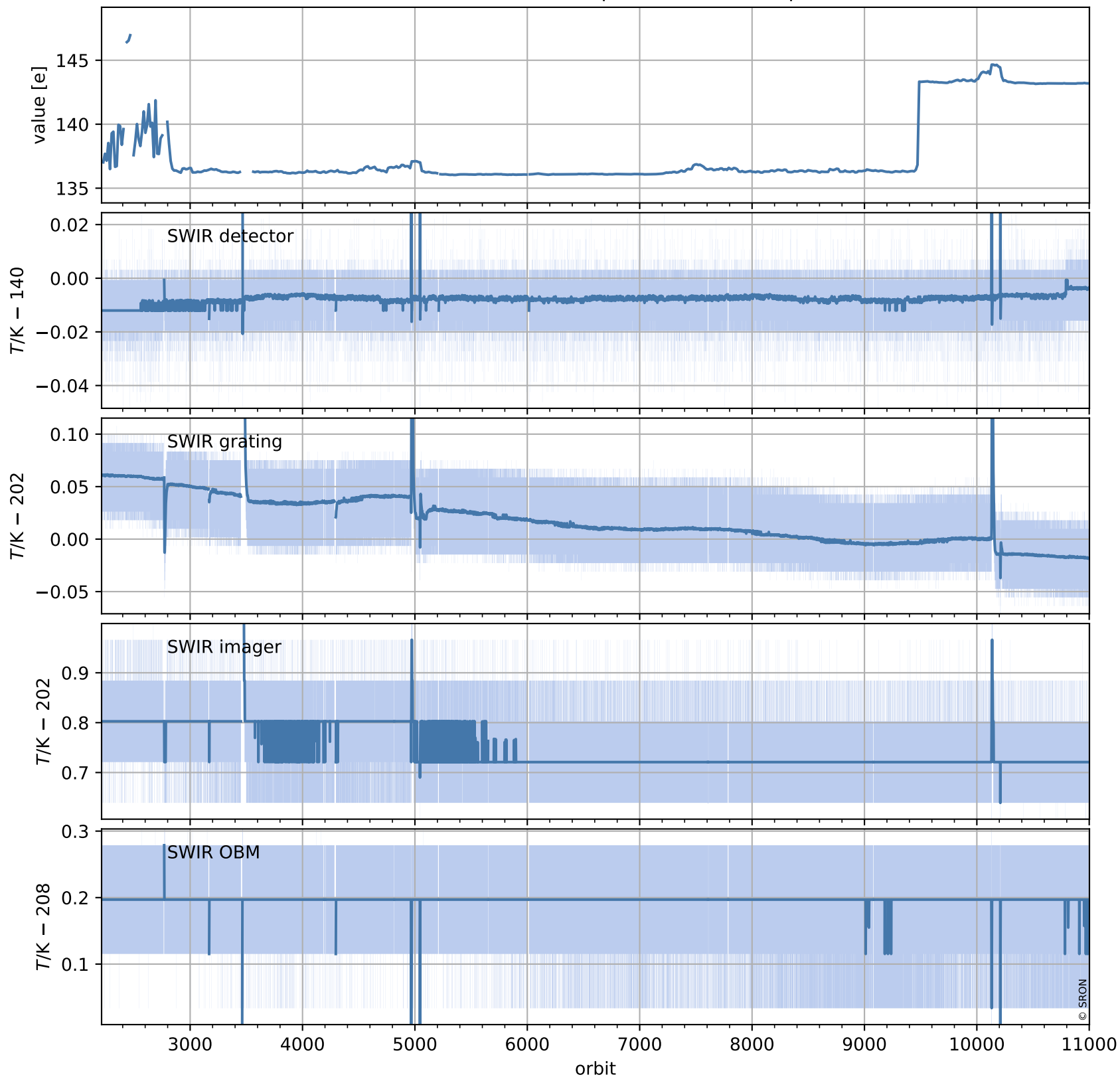
orbits : 12 in [10927, 11002]
coverage : 2019-11-21 / 2019-11-27
created : 2023-08-21T15:16:38



Tropomi SWIR background noise (swir)

orbits : [2212, 11002]
coverage : 2018-03-18 / 2019-11-27
created : 2023-08-21T15:16:39

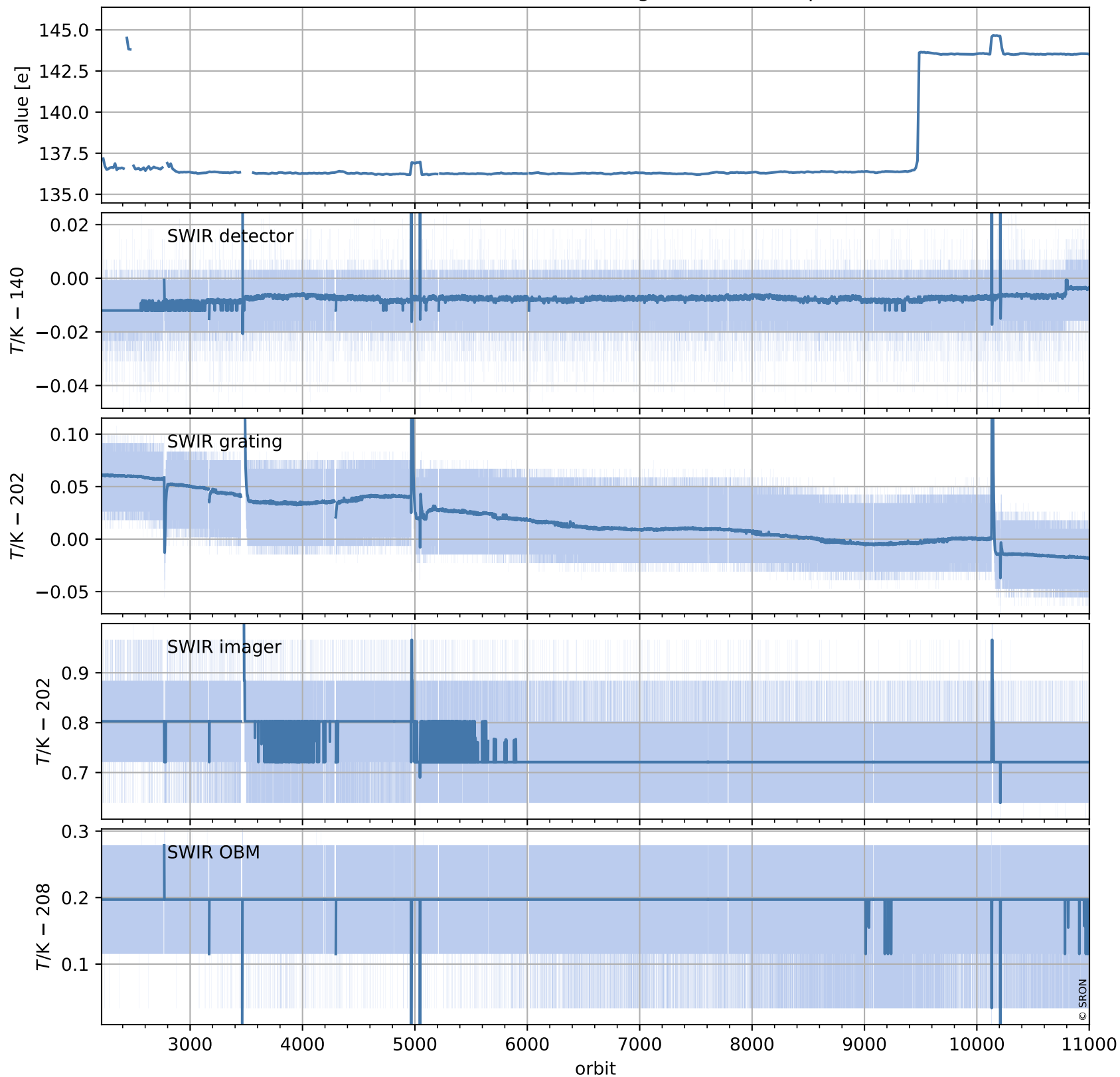
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11002]
coverage : 2018-03-18 / 2019-11-27
created : 2023-08-21T15:16:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11002]
coverage : 2018-03-18 / 2019-11-27
created : 2023-08-21T15:16:41

trend of normalized read-noise & temperatures

