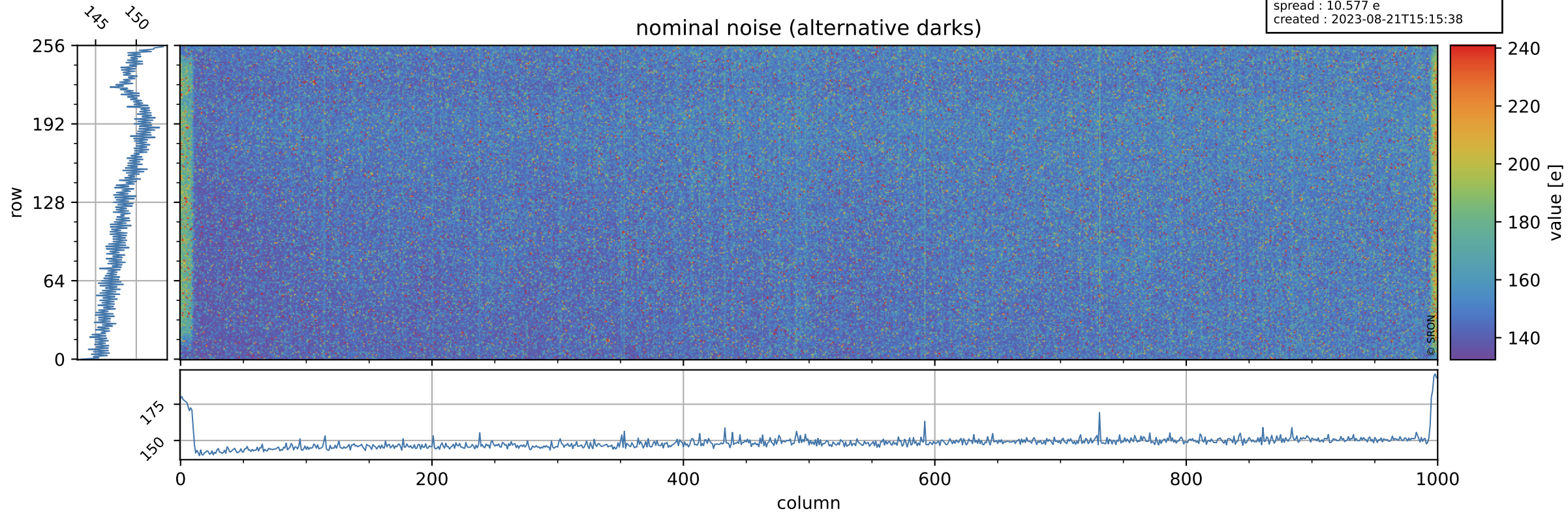


Tropomi SWIR background noise (swir)

orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.577 e
created : 2023-08-21T15:15:38

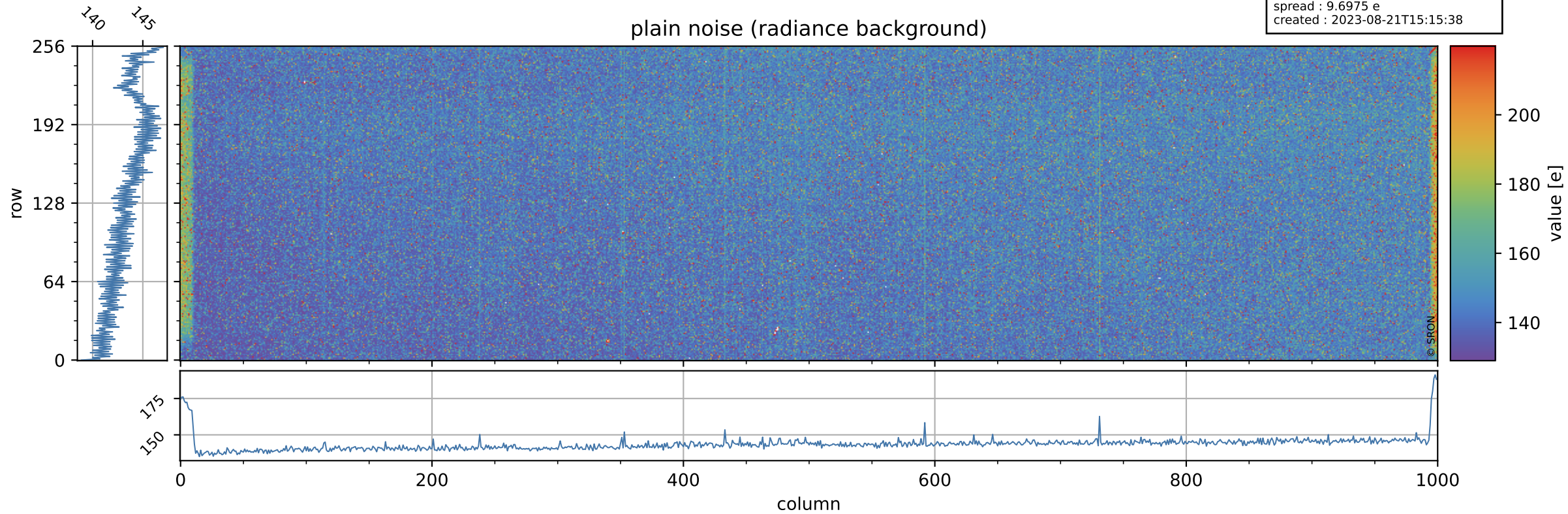
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
n_coad, t_exp : 1, 0.8383
median : 143.33 e
spread : 9.6975 e
created : 2023-08-21T15:15:38

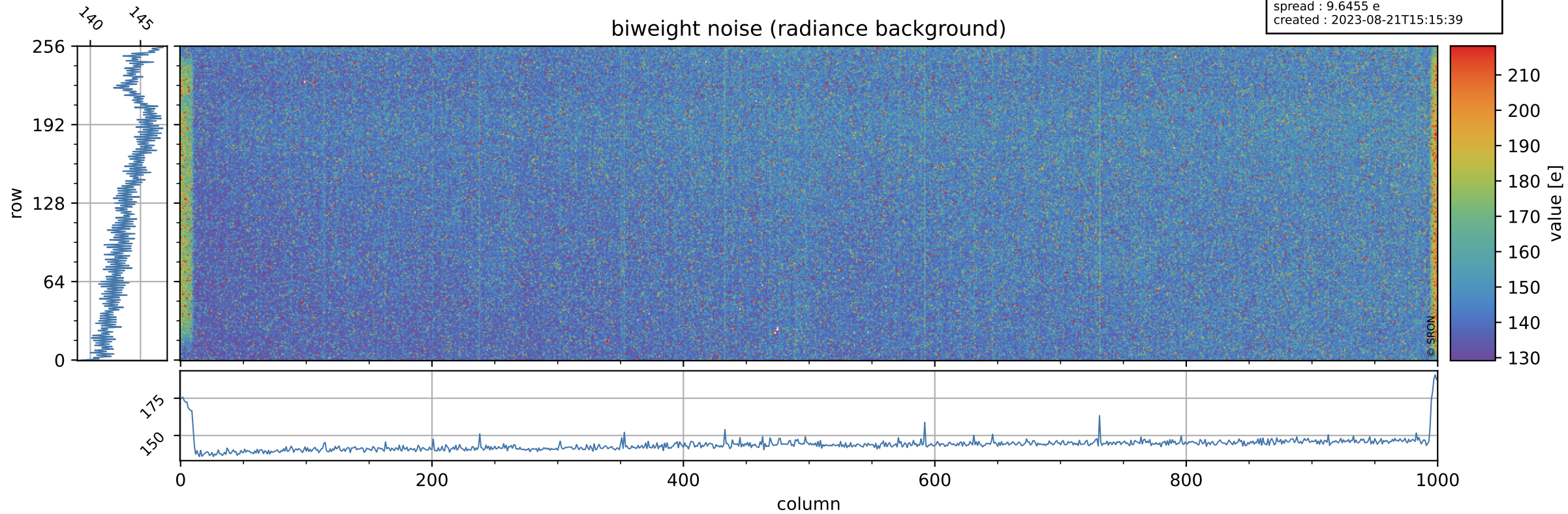
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.6455 e
created : 2023-08-21T15:15:39

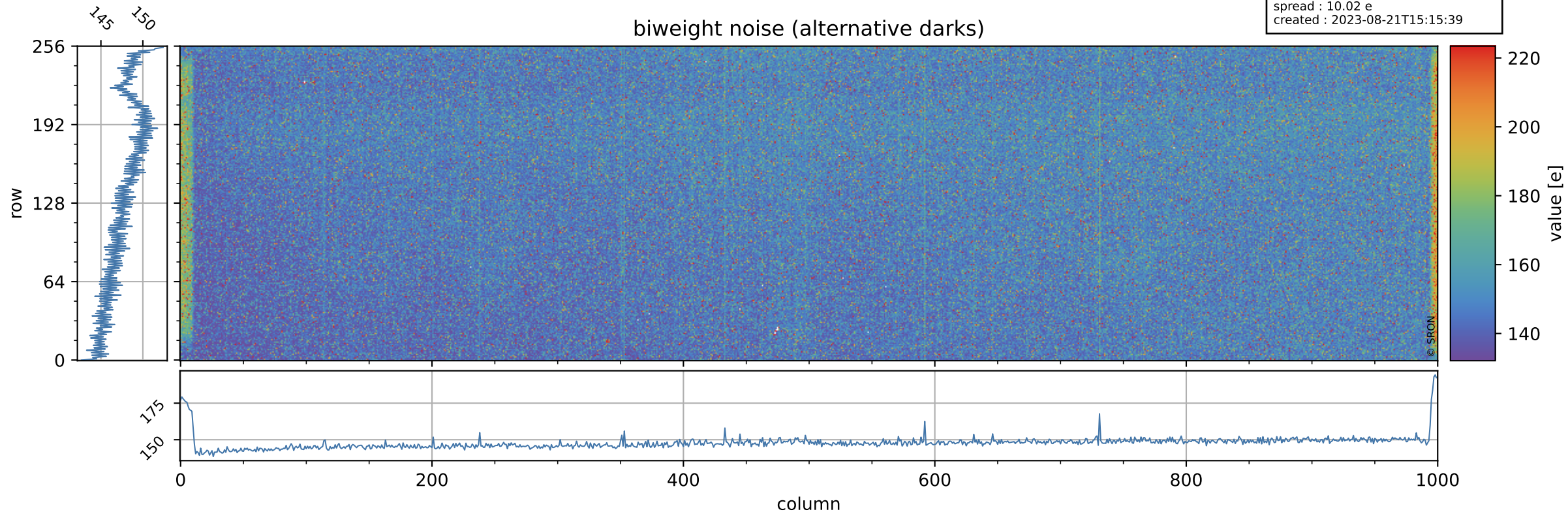
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.02 e
created : 2023-08-21T15:15:39

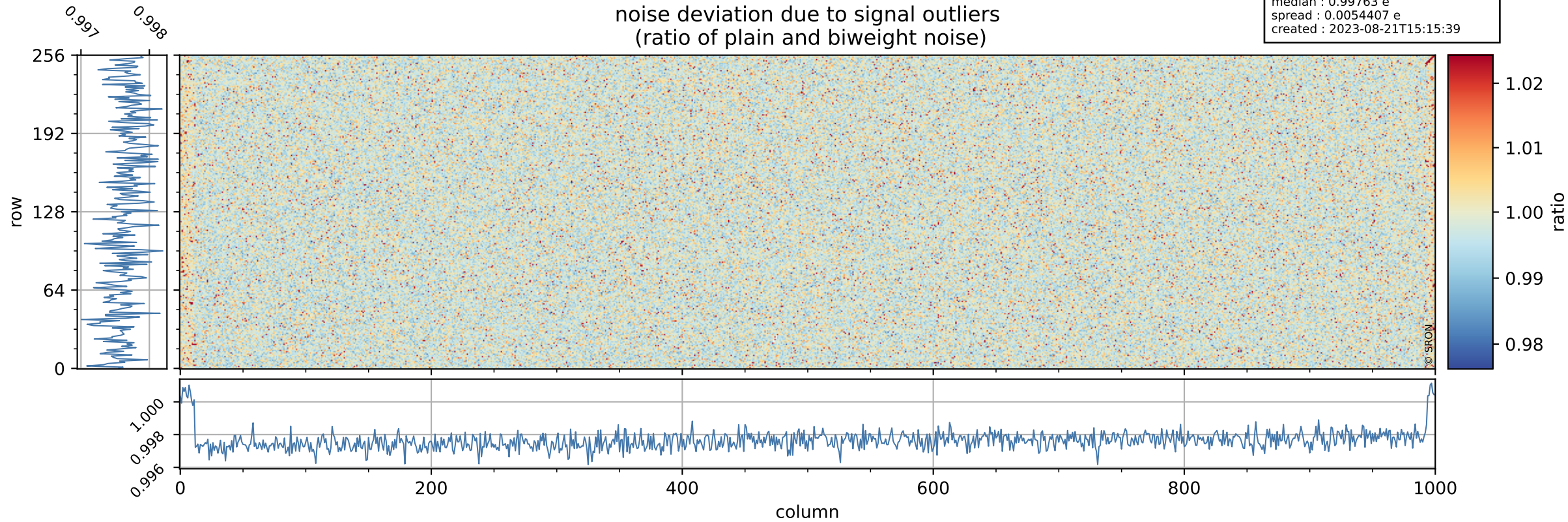
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

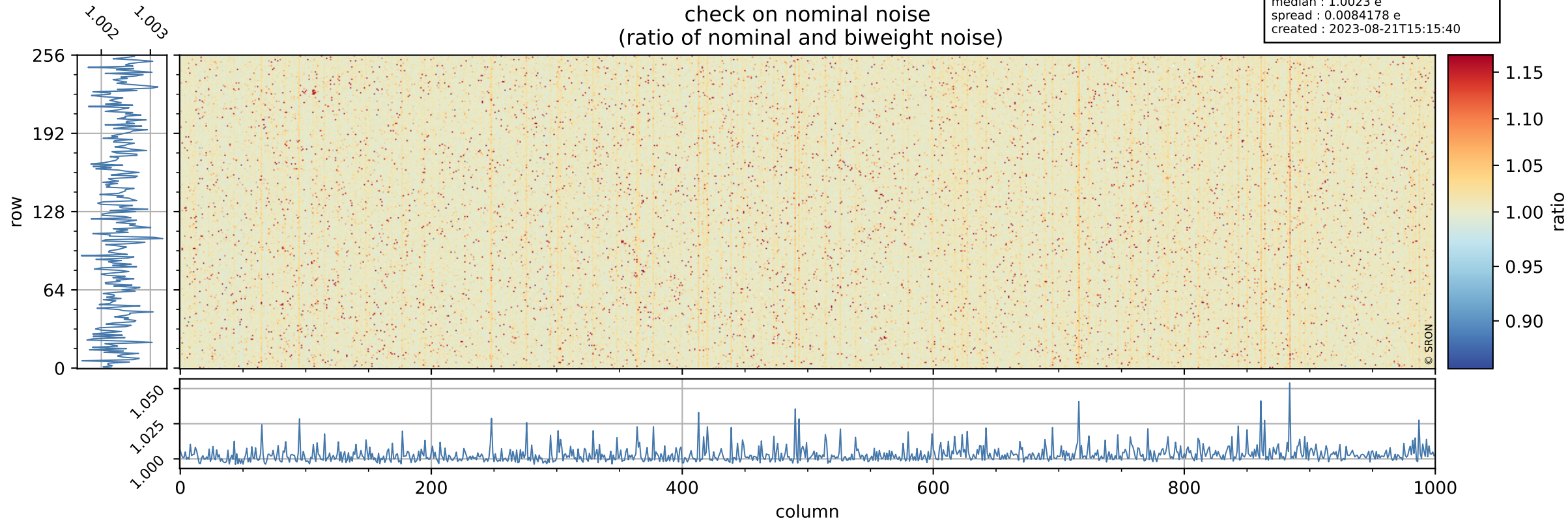
orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
median : 0.99763 e
spread : 0.0054407 e
created : 2023-08-21T15:15:39



Tropomi SWIR background noise (swir)

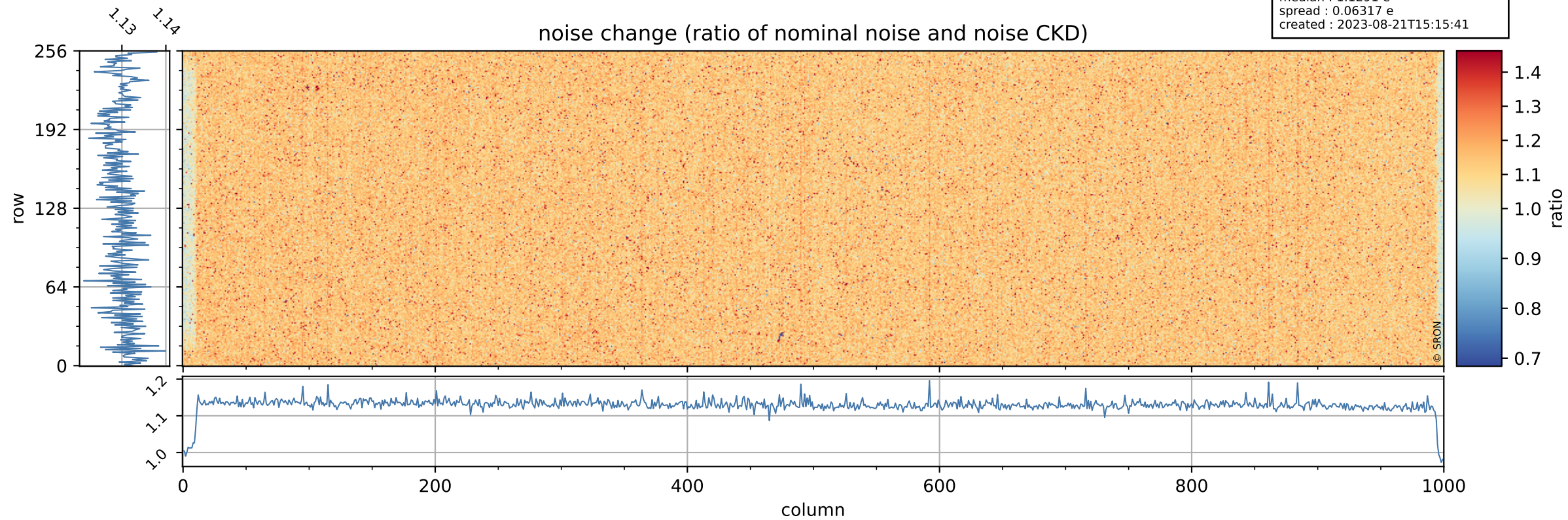
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
median : 1.0023 e
spread : 0.0084178 e
created : 2023-08-21T15:15:40



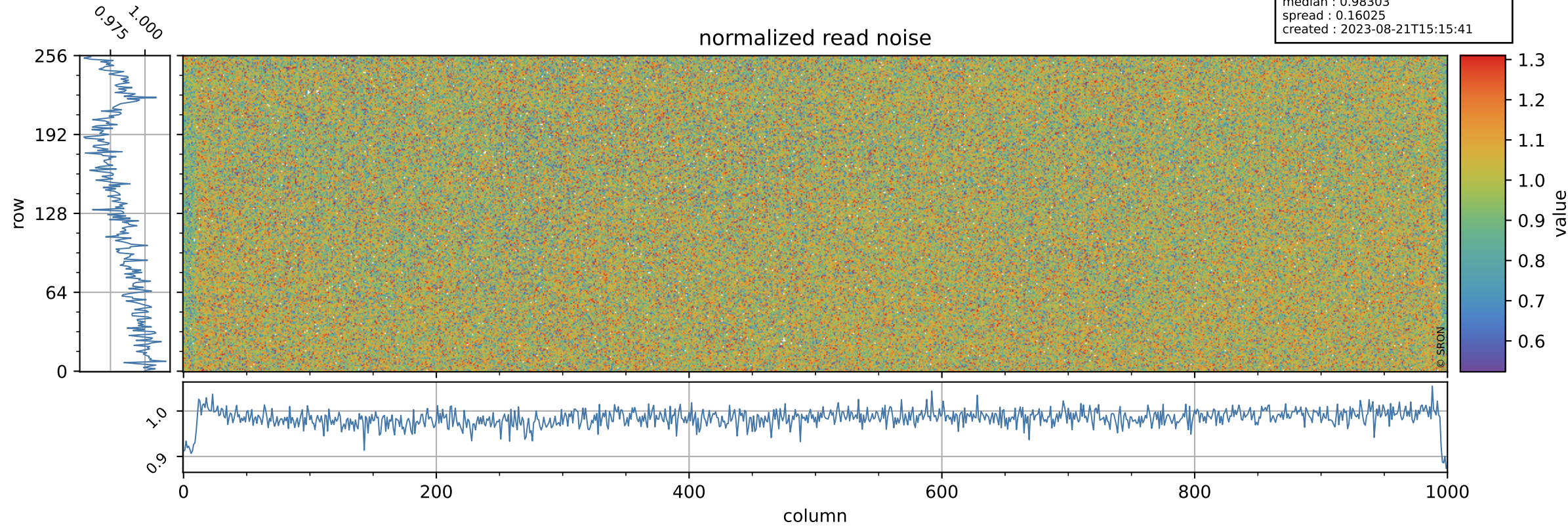
Tropomi SWIR background noise (swir)

orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
median : 1.1291 e
spread : 0.06317 e
created : 2023-08-21T15:15:41



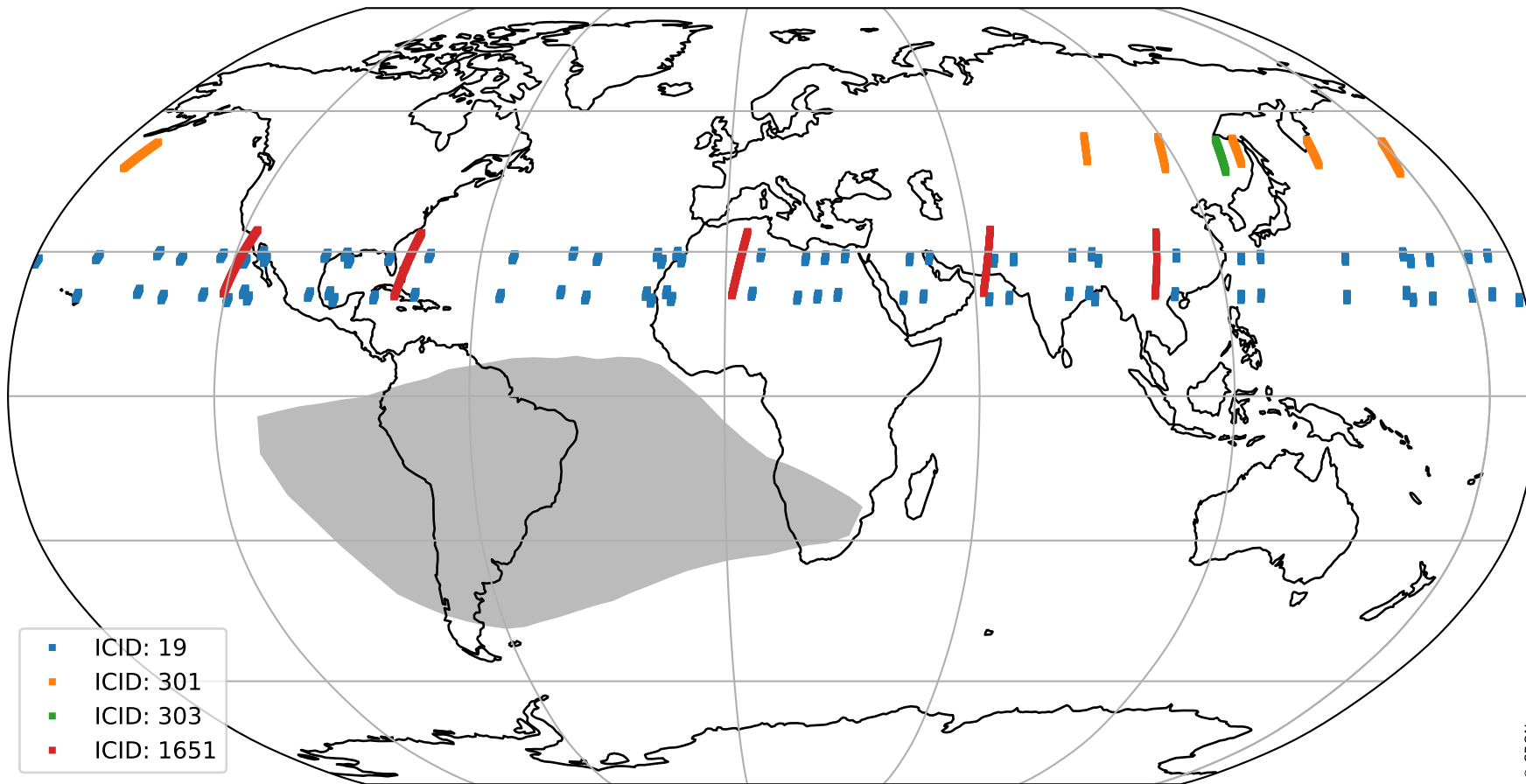
Tropomi SWIR background noise (swir)

orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
median : 0.98303
spread : 0.16025
created : 2023-08-21T15:15:41



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

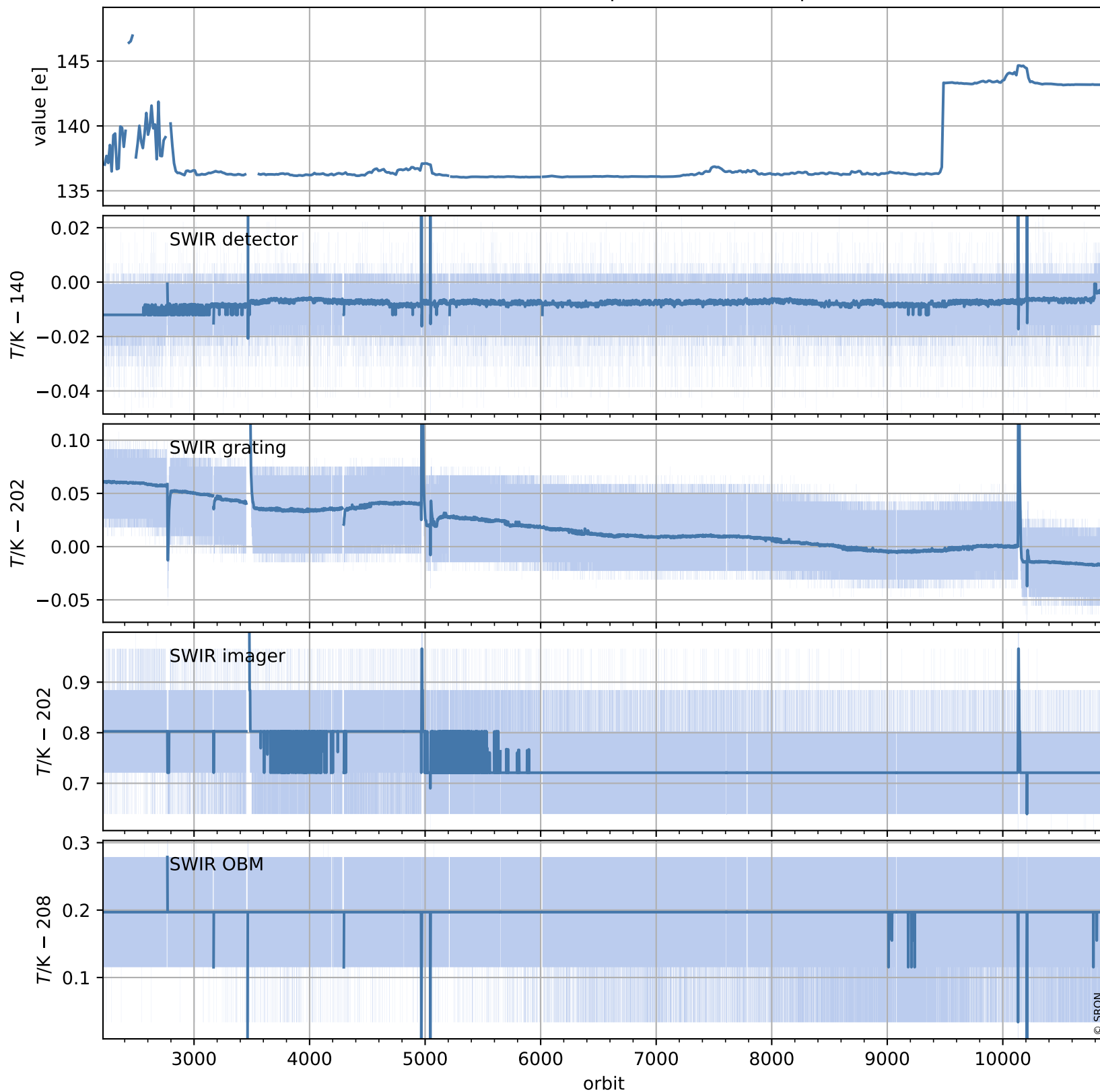
orbits : 12 in [10792, 10882]
coverage : 2019-11-13 / 2019-11-18
created : 2023-08-21T15:15:41



Tropomi SWIR background noise (swir)

orbits : [2212, 10882]
coverage : 2018-03-18 / 2019-11-18
created : 2023-08-21T15:15:42

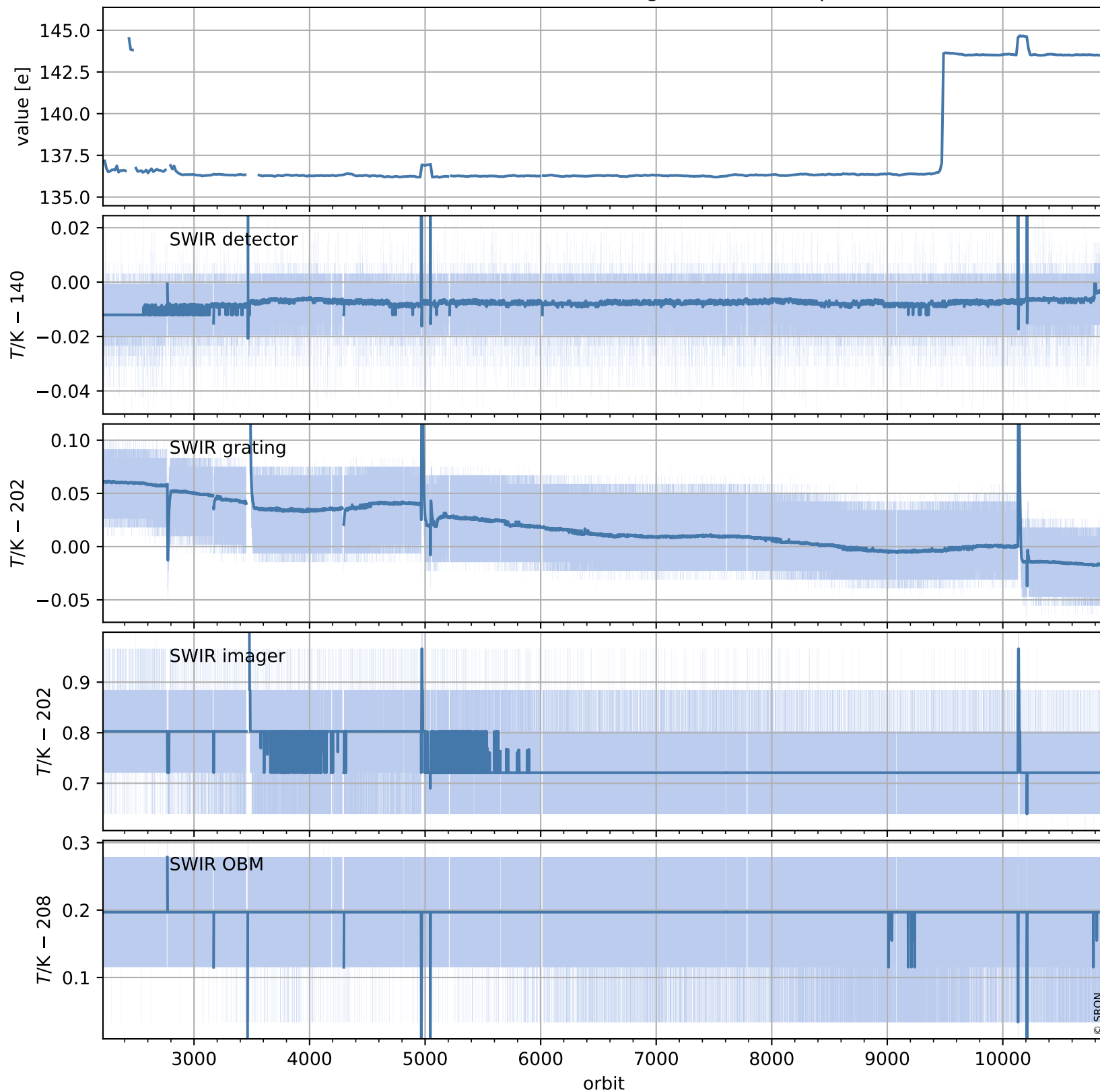
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10882]
coverage : 2018-03-18 / 2019-11-18
created : 2023-08-21T15:15:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10882]
coverage : 2018-03-18 / 2019-11-18
created : 2023-08-21T15:15:44

trend of normalized read-noise & temperatures

