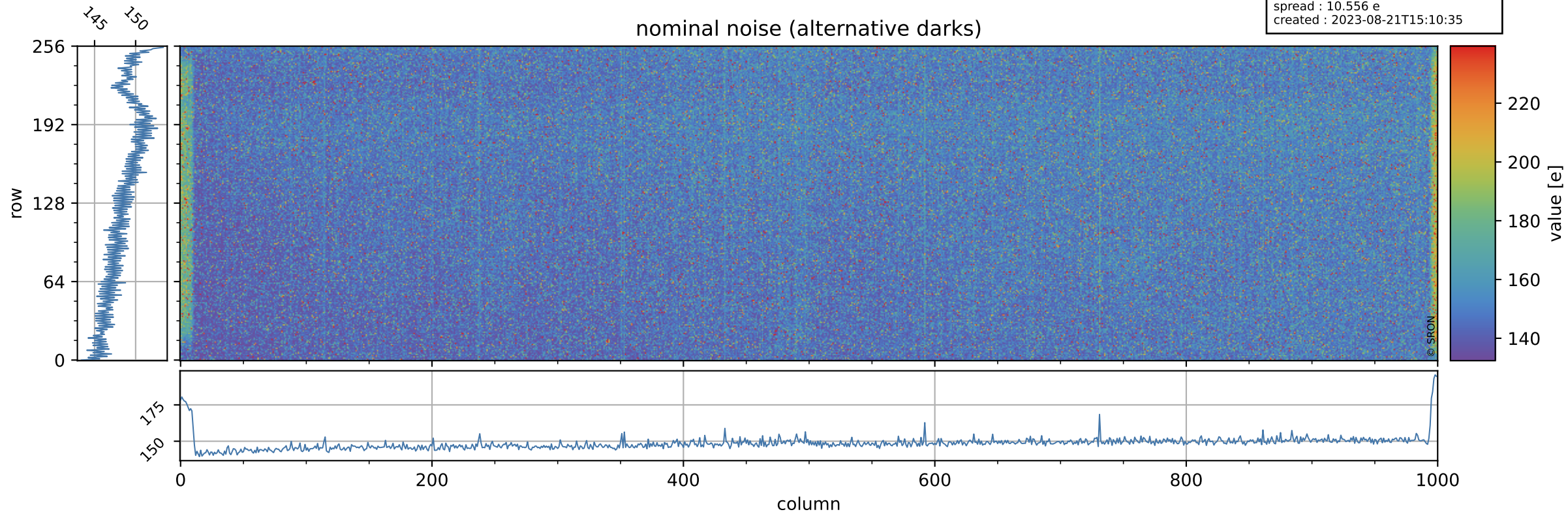


Tropomi SWIR background noise (swir)

orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.556 e
created : 2023-08-21T15:10:35

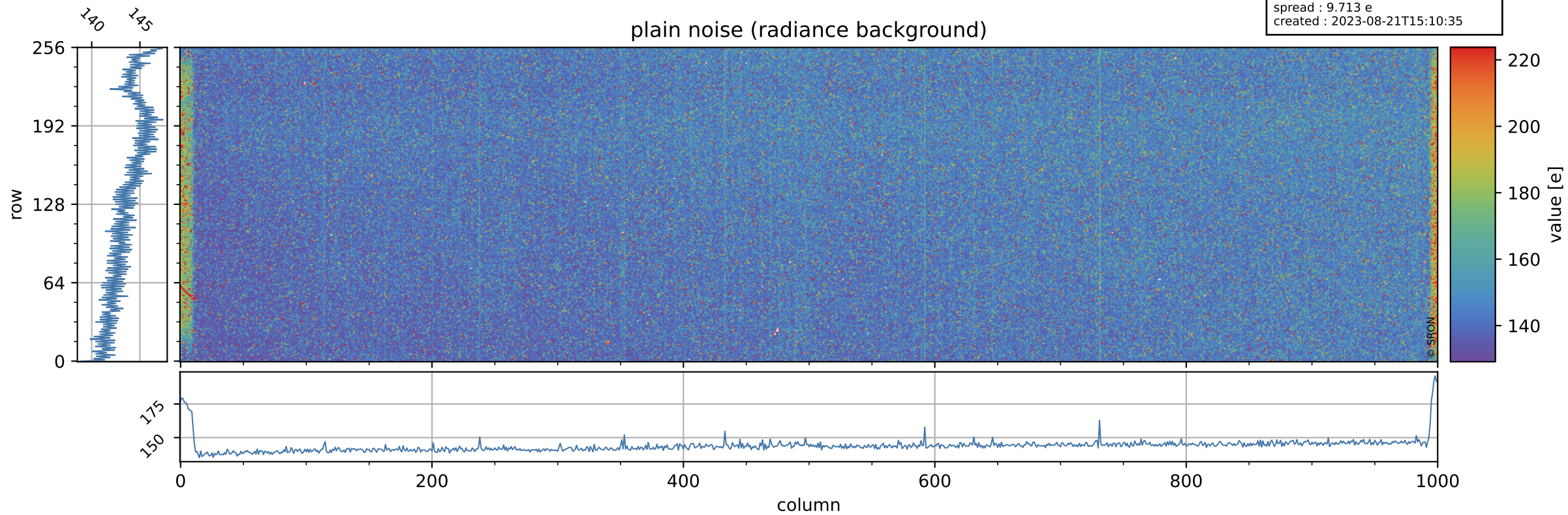
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.713 e
created : 2023-08-21T15:10:35

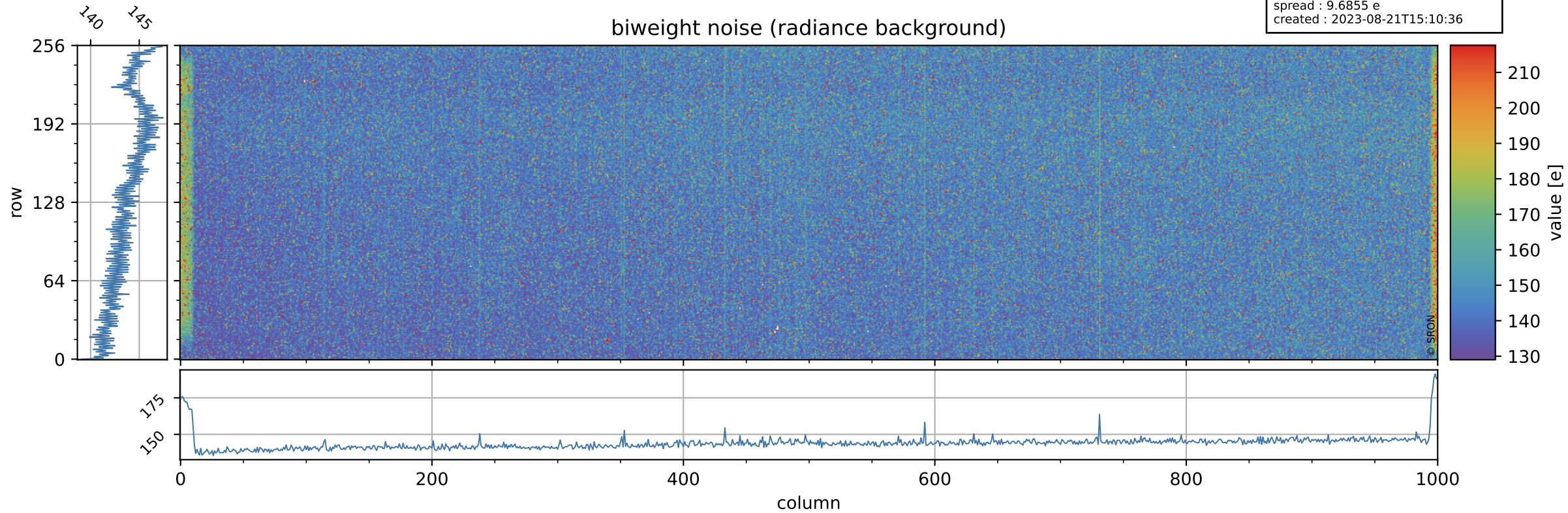
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6855 e
created : 2023-08-21T15:10:36

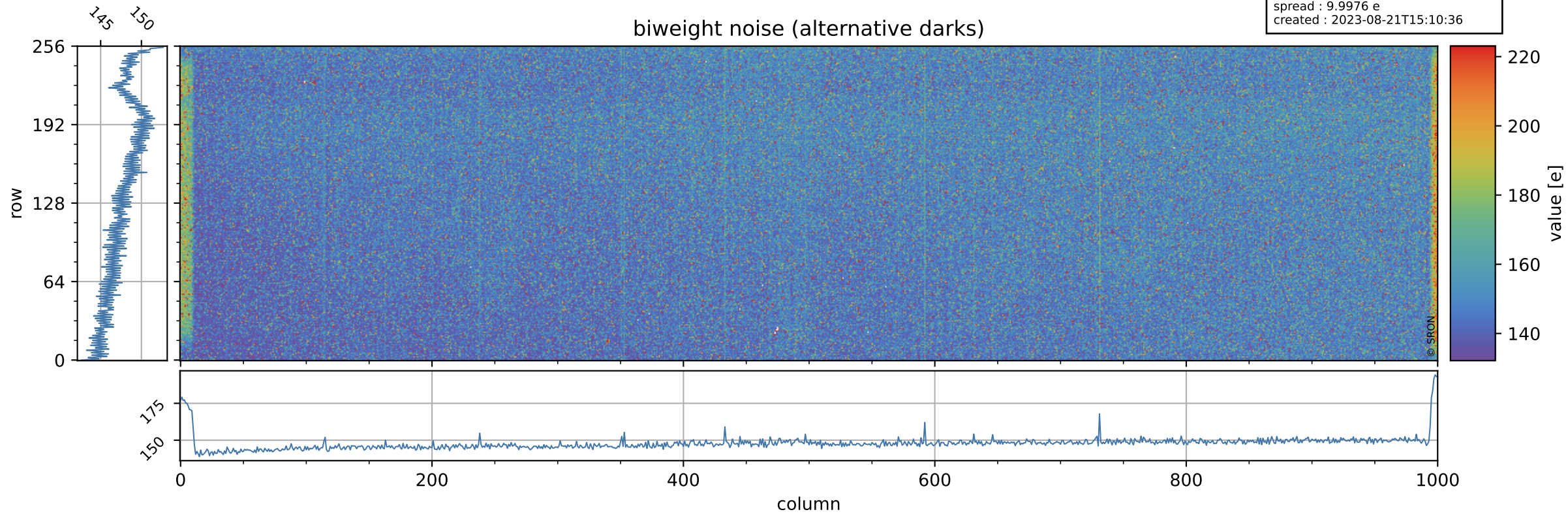
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.9976 e
created : 2023-08-21T15:10:36

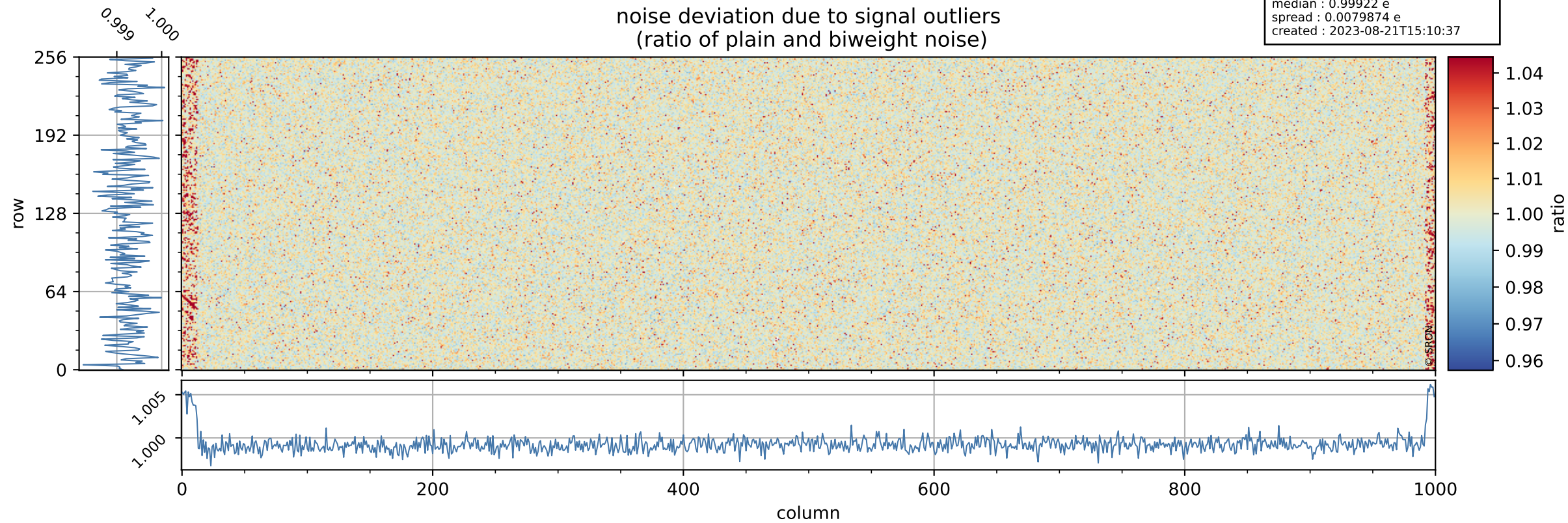
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

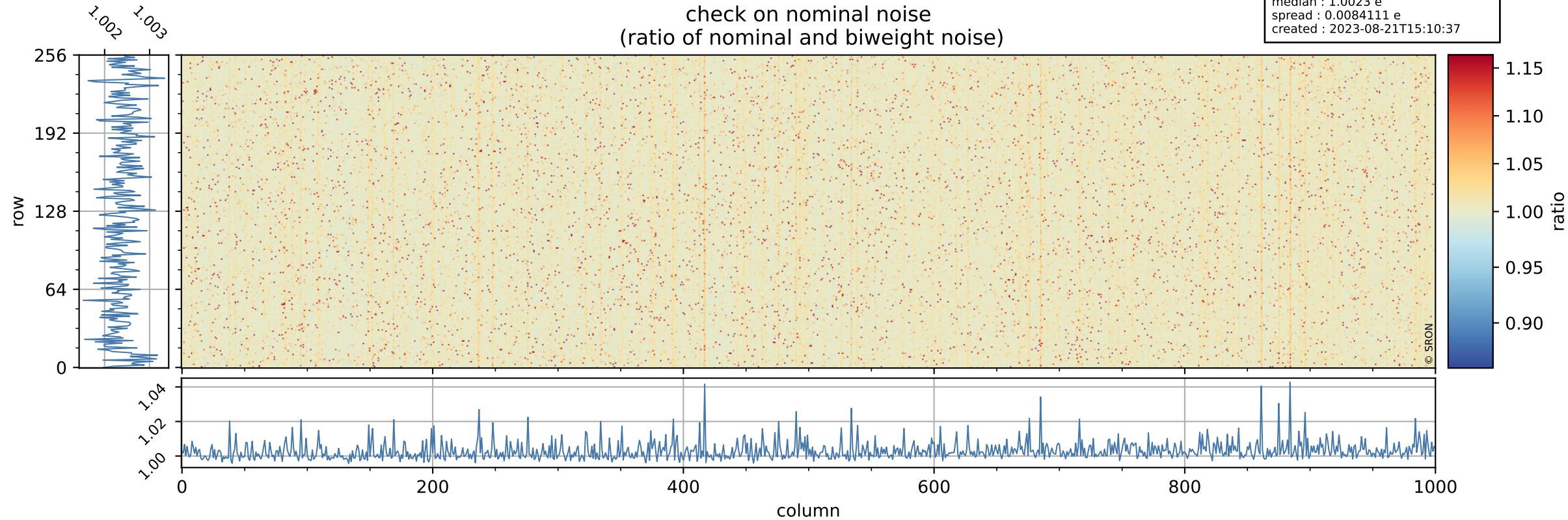
orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
median : 0.99922 e
spread : 0.0079874 e
created : 2023-08-21T15:10:37



Tropomi SWIR background noise (swir)

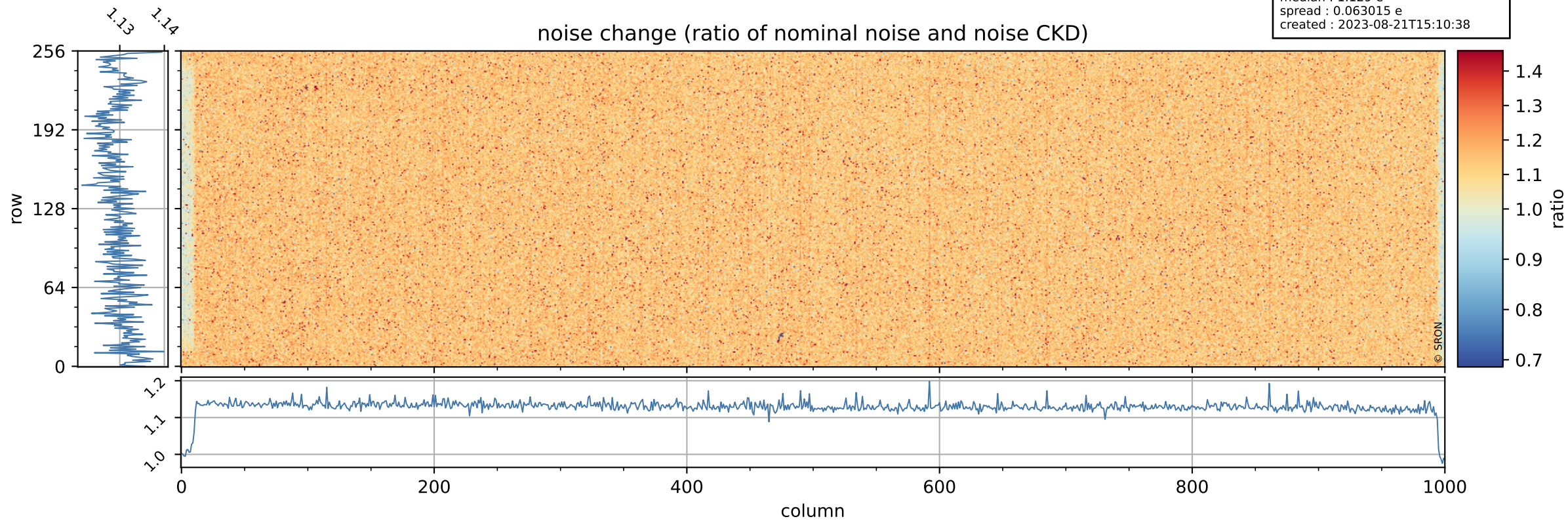
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
median : 1.0023 e
spread : 0.0084111 e
created : 2023-08-21T15:10:37



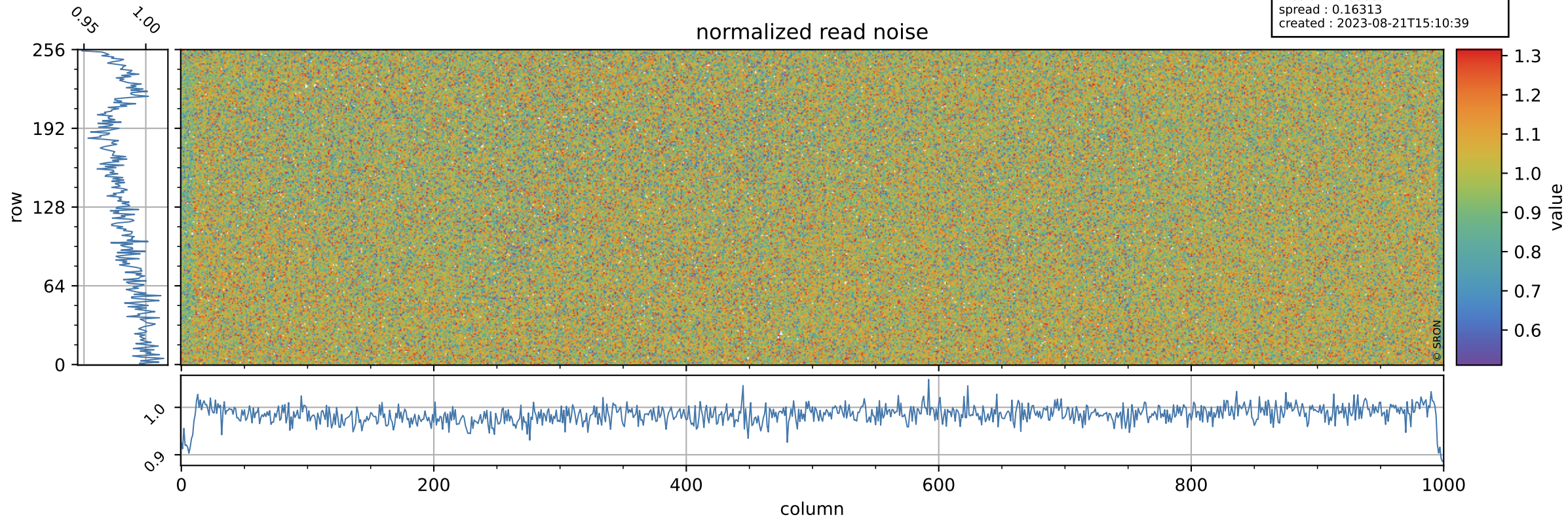
Tropomi SWIR background noise (swir)

orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
median : 1.129 e
spread : 0.063015 e
created : 2023-08-21T15:10:38



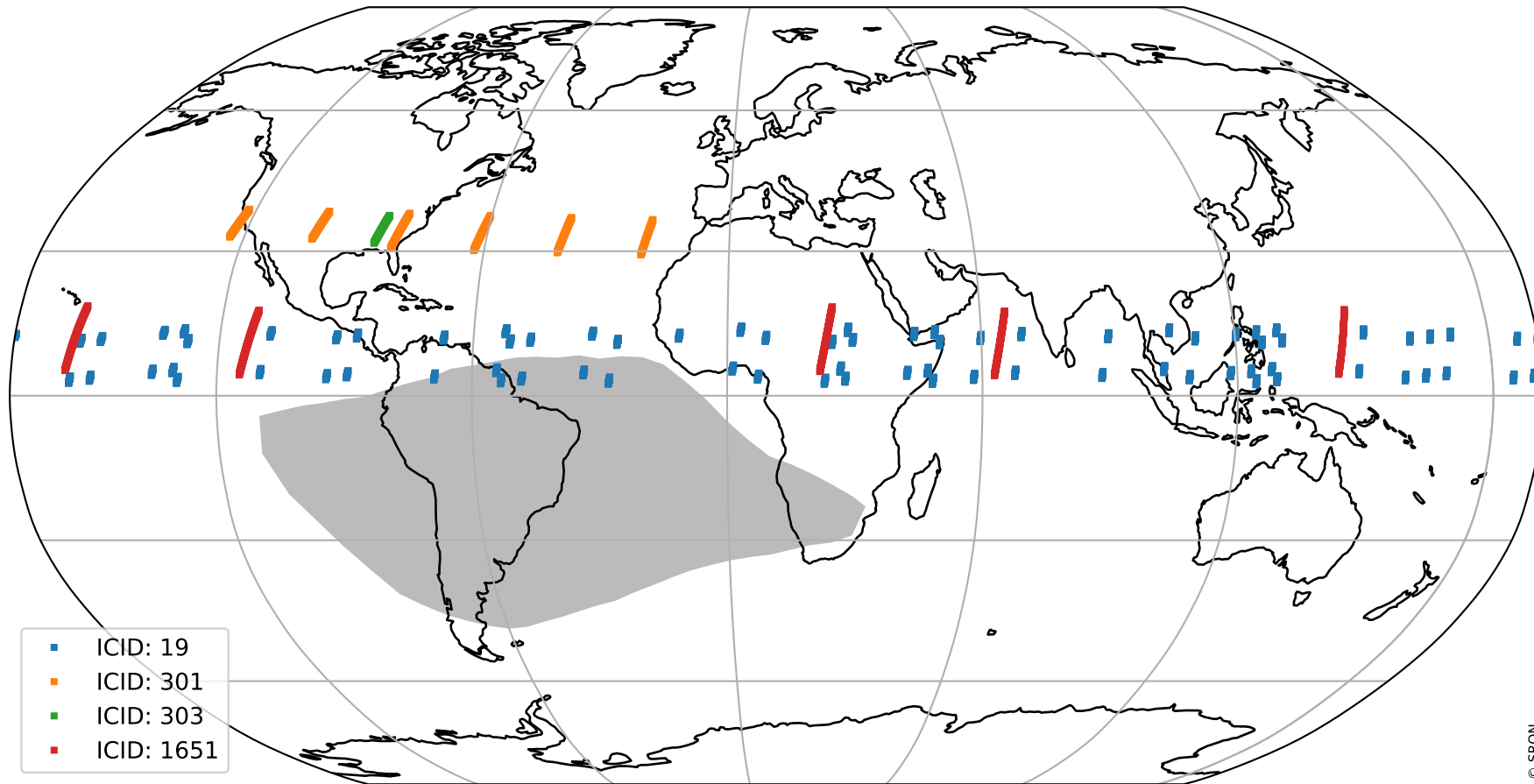
Tropomi SWIR background noise (swir)

orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
median : 0.98306
spread : 0.16313
created : 2023-08-21T15:10:39



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

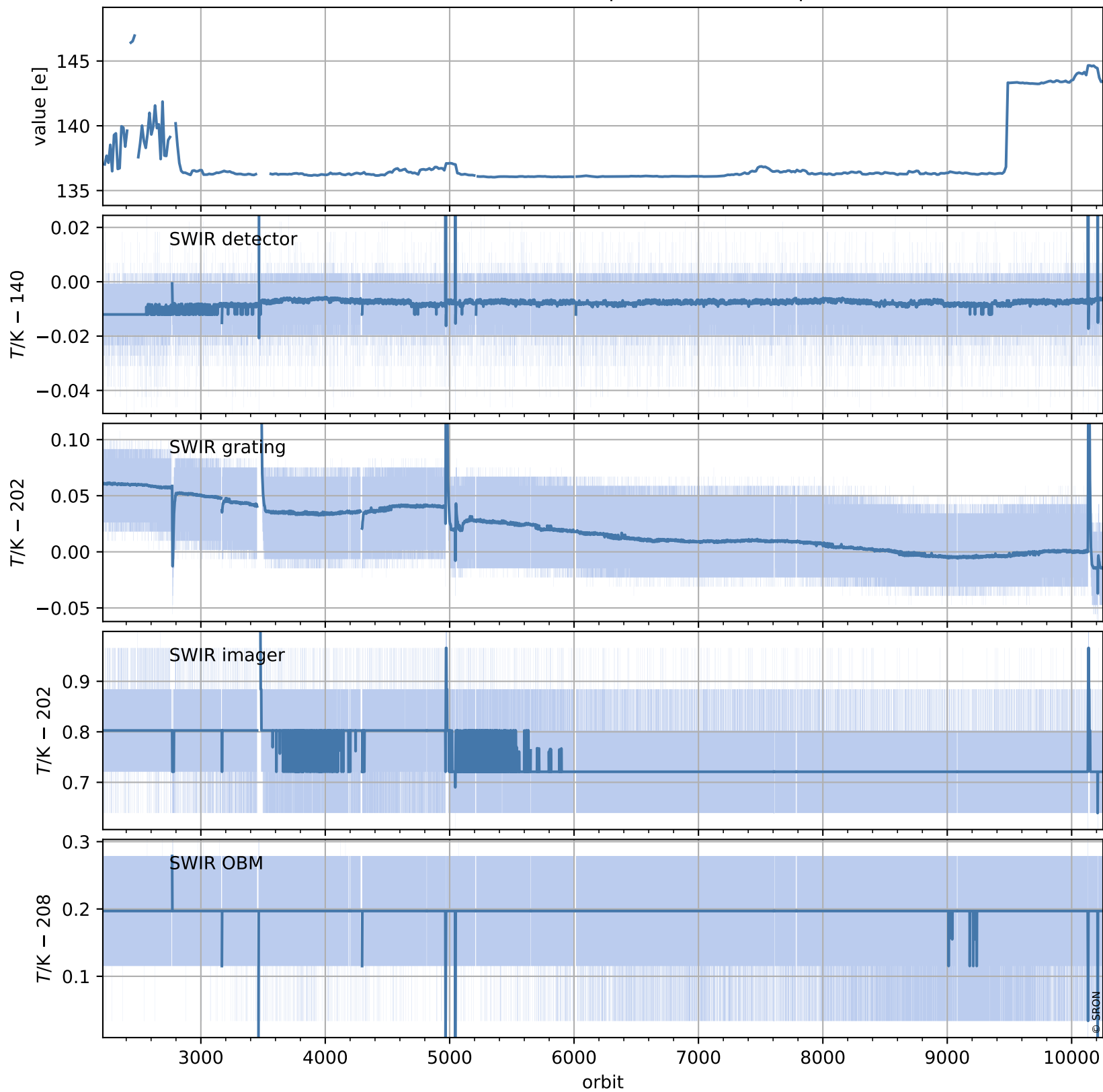
orbits : 12 in [10162, 10252]
coverage : 2019-09-30 / 2019-10-05
created : 2023-08-21T15:10:39



Tropomi SWIR background noise (swir)

orbits : [2212, 10252]
coverage : 2018-03-18 / 2019-10-05
created : 2023-08-21T15:10:40

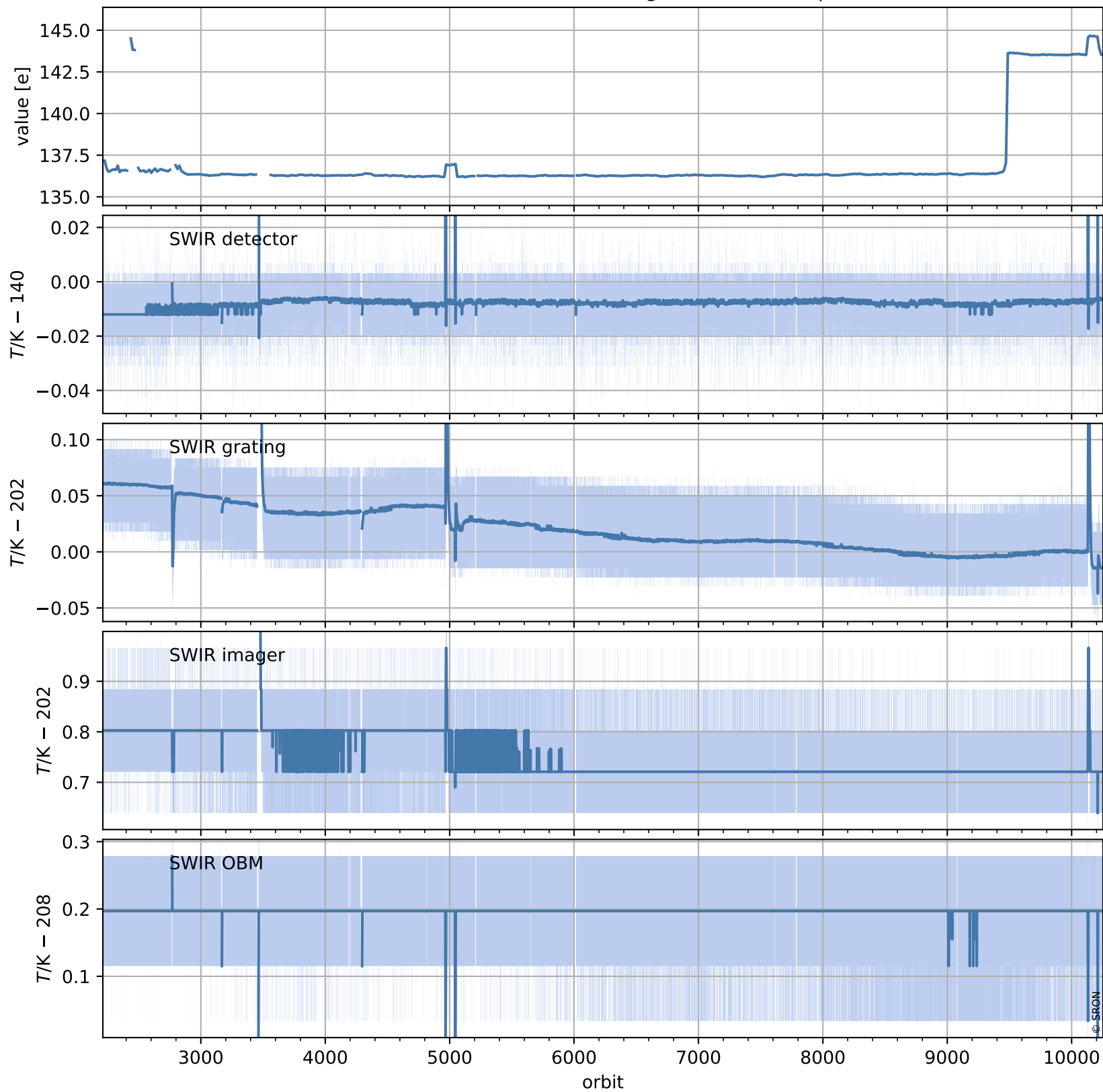
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10252]
coverage : 2018-03-18 / 2019-10-05
created : 2023-08-21T15:10:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10252]
coverage : 2018-03-18 / 2019-10-05
created : 2023-08-21T15:10:41

trend of normalized read-noise & temperatures

