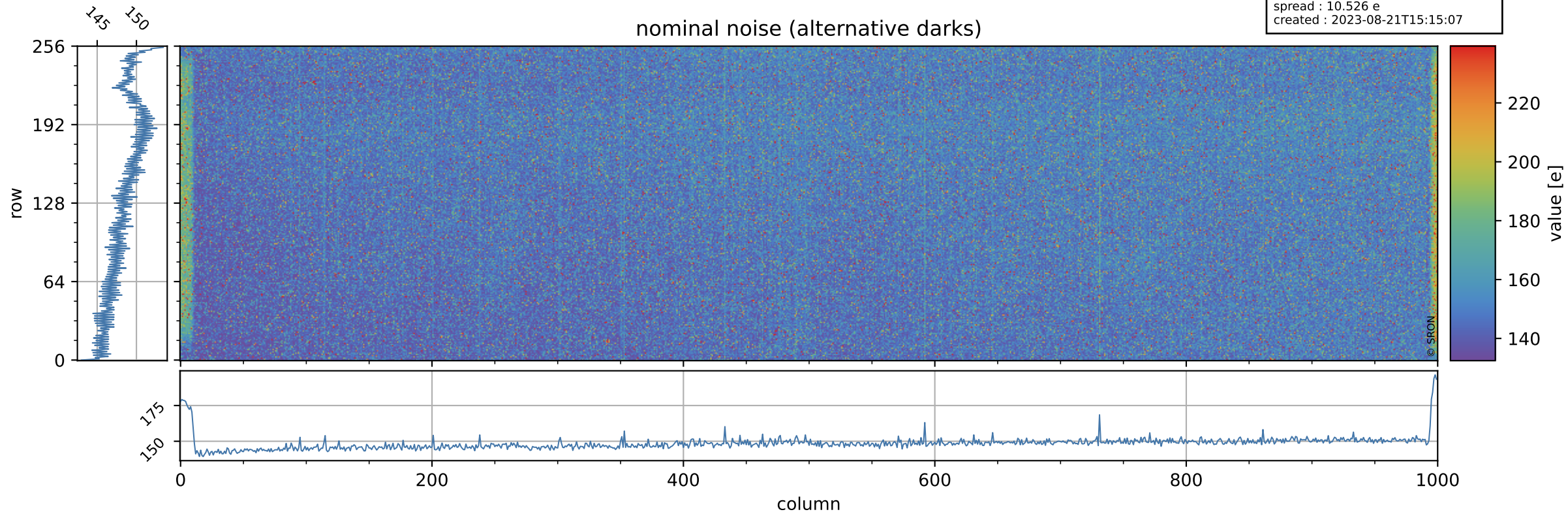


Tropomi SWIR background noise (swir)

orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.526 e
created : 2023-08-21T15:15:07

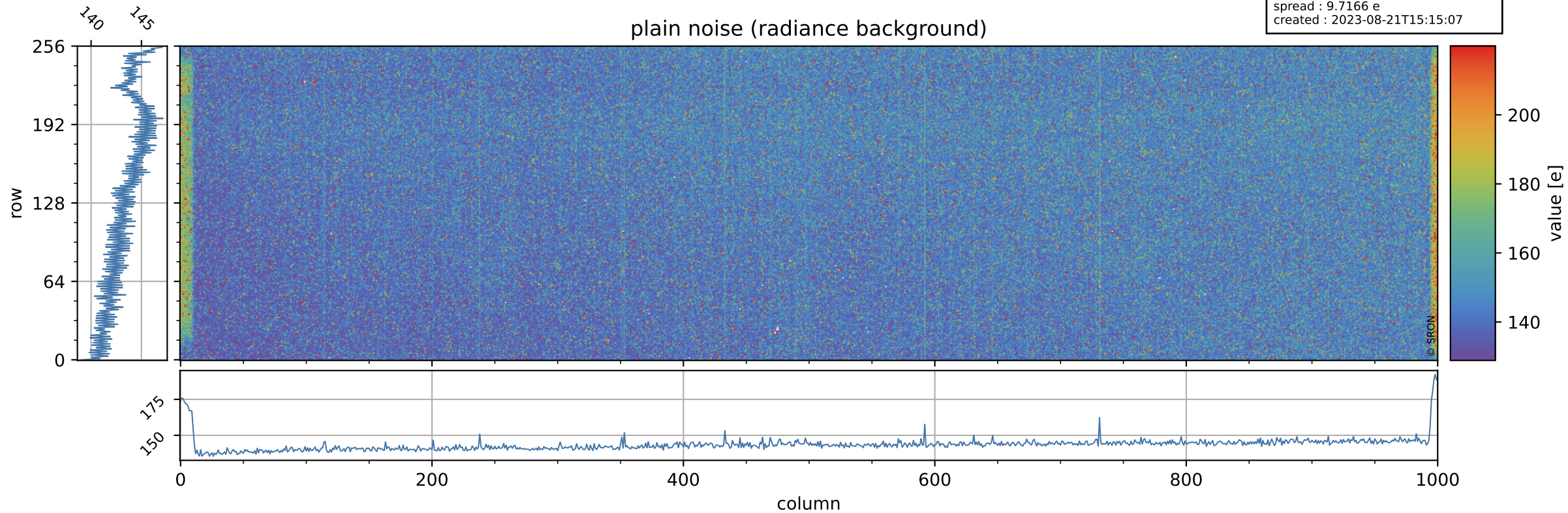
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
n_coad, t_exp : 1, 0.8383
median : 143.32 e
spread : 9.7166 e
created : 2023-08-21T15:15:07

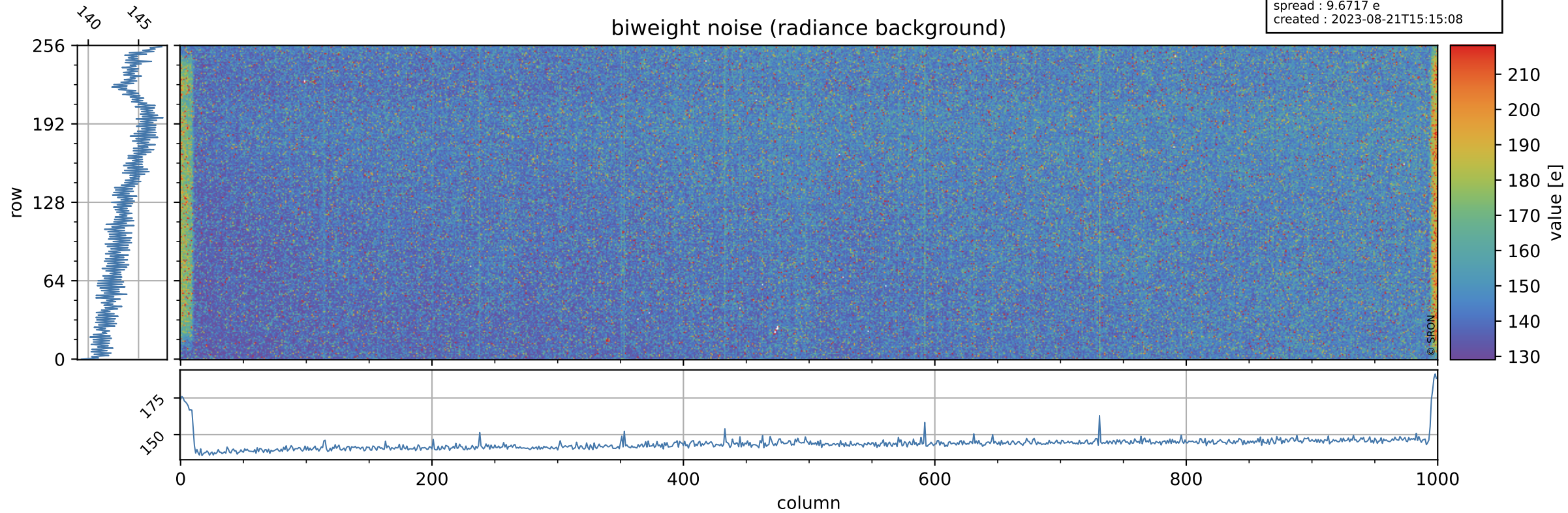
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.6717 e
created : 2023-08-21T15:15:08

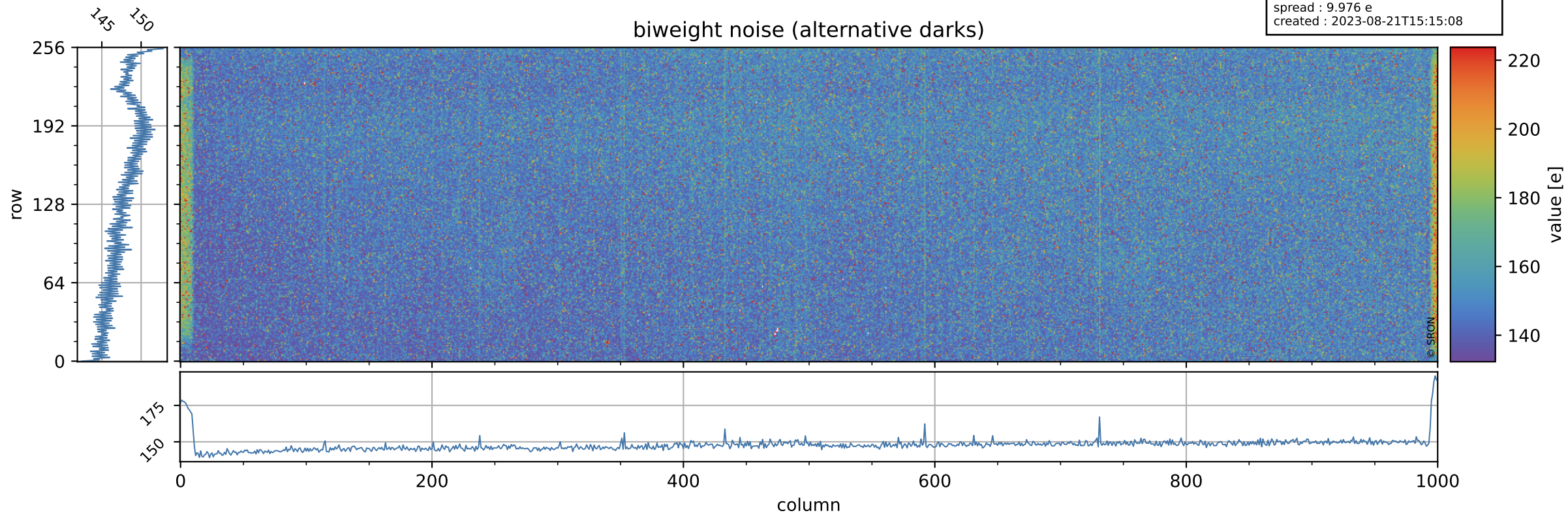
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 9.976 e
created : 2023-08-21T15:15:08

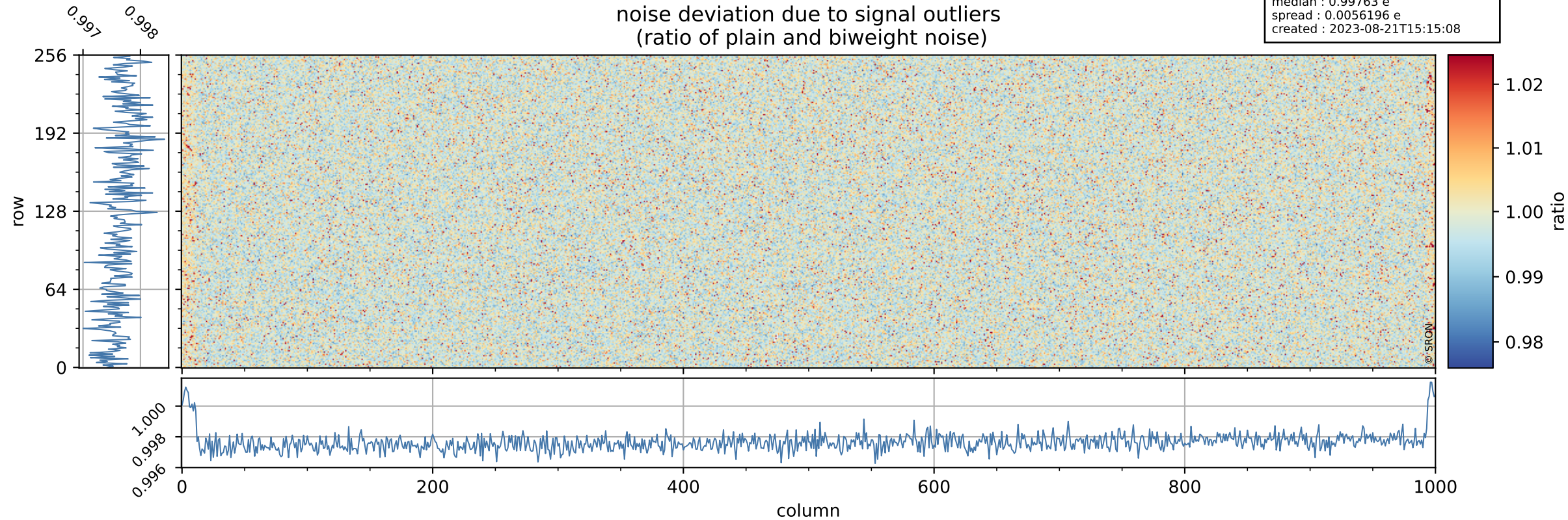
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

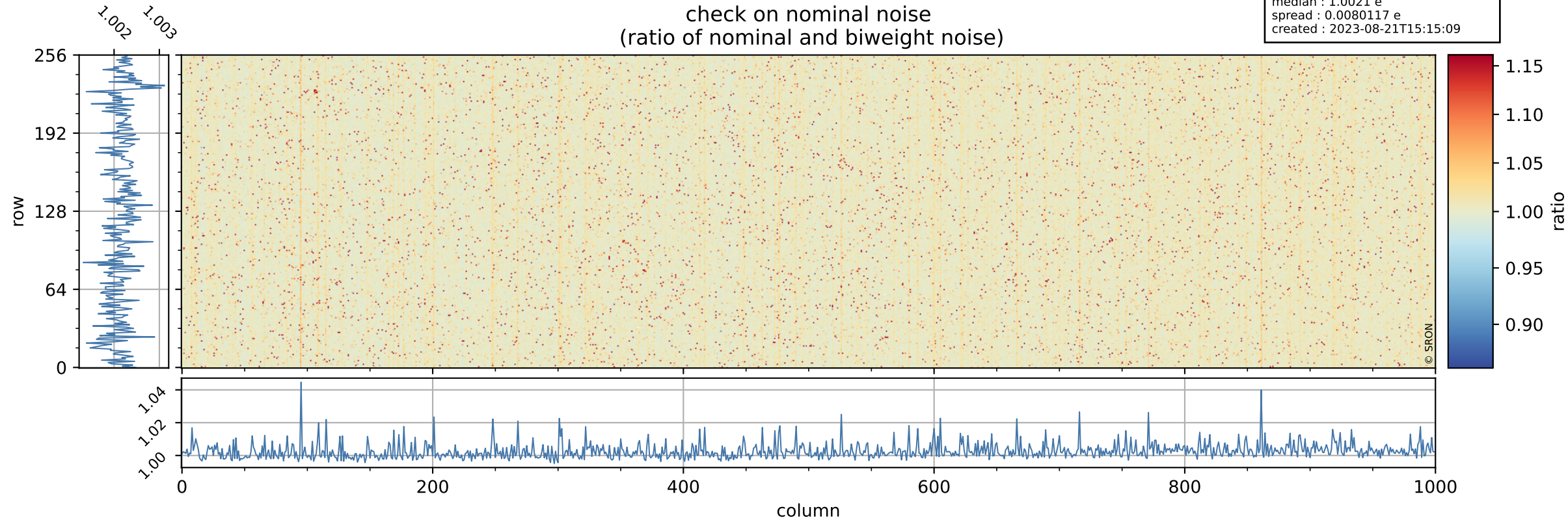
orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
median : 0.99763 e
spread : 0.0056196 e
created : 2023-08-21T15:15:08



Tropomi SWIR background noise (swir)

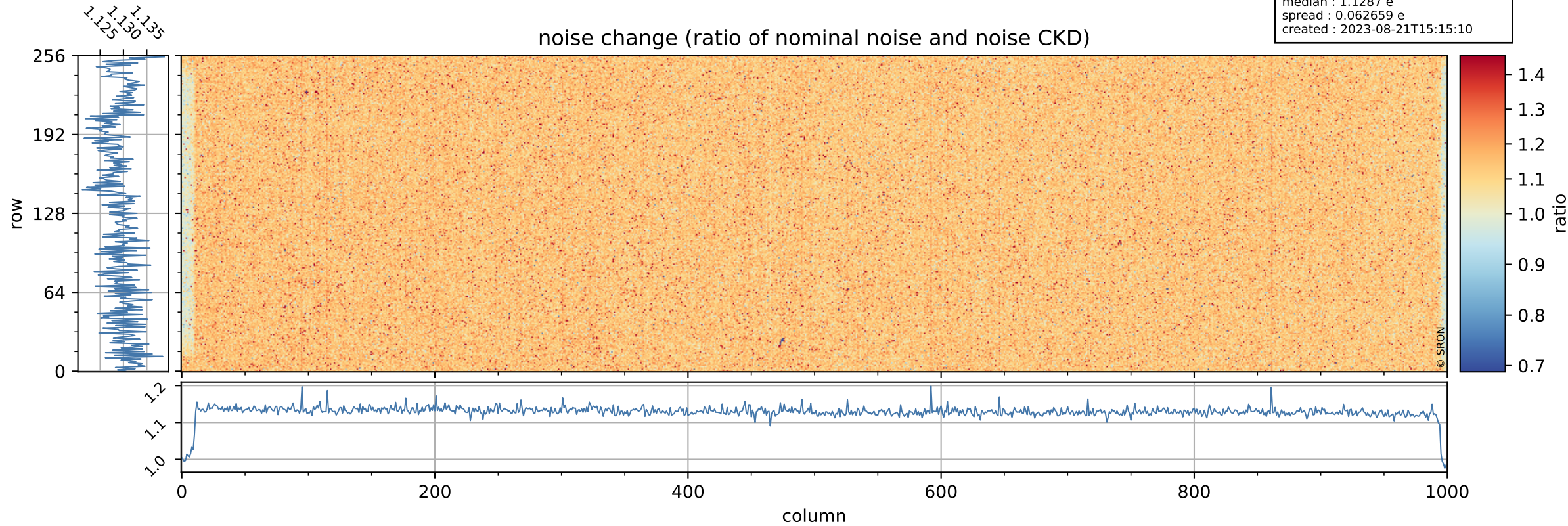
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
median : 1.0021 e
spread : 0.0080117 e
created : 2023-08-21T15:15:09



Tropomi SWIR background noise (swir)

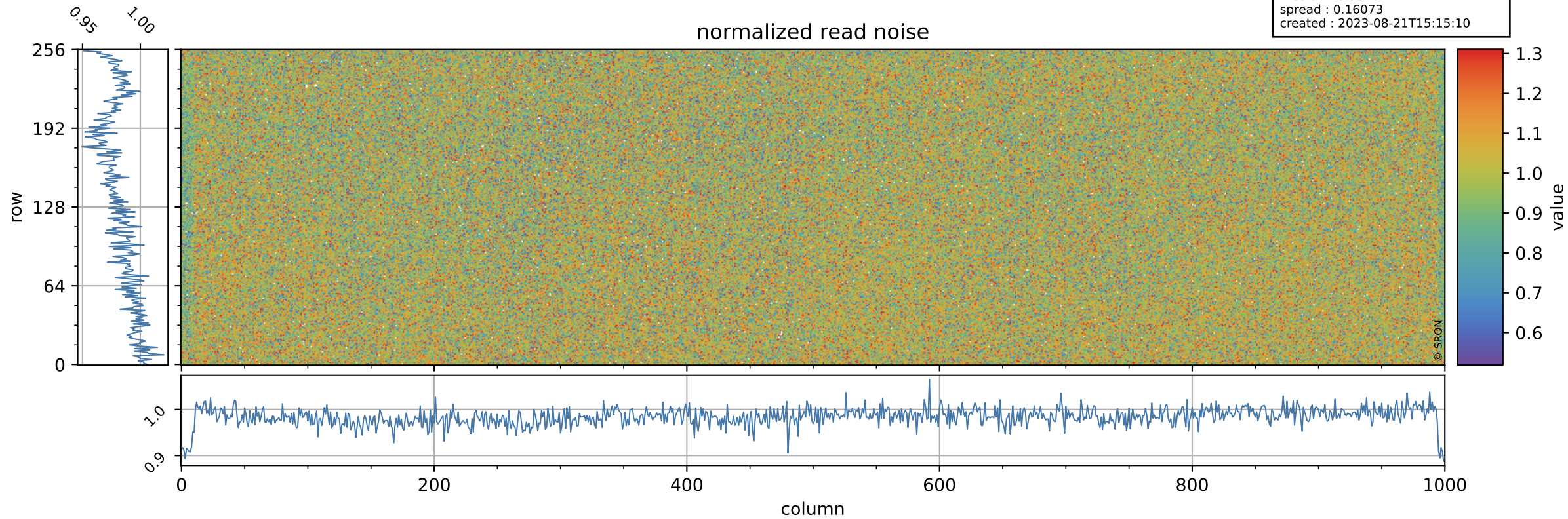
orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
median : 1.1287 e
spread : 0.062659 e
created : 2023-08-21T15:15:10



Tropomi SWIR background noise (swir)

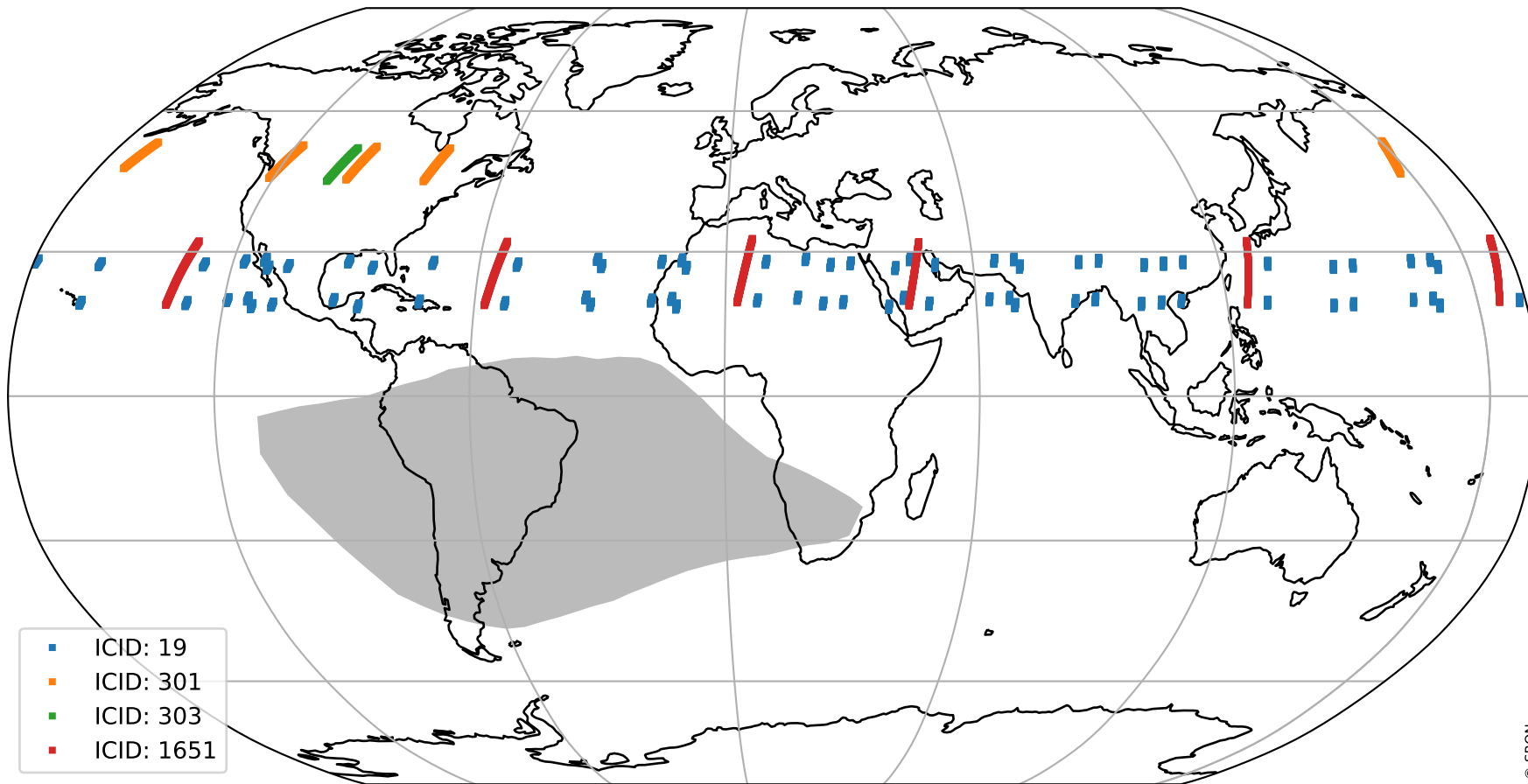
orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
median : 0.9823
spread : 0.16073
created : 2023-08-21T15:15:10

normalized read noise



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

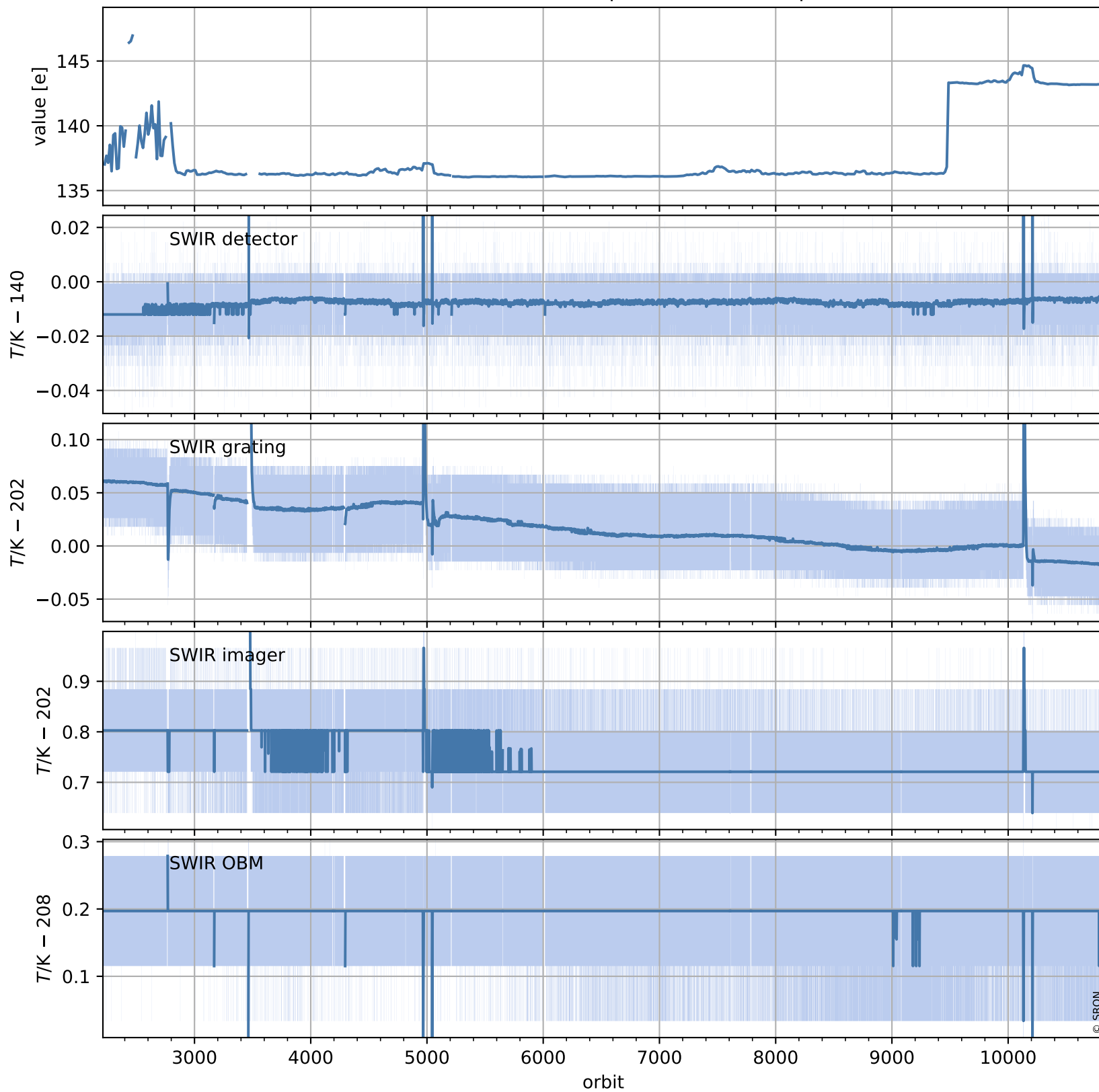
orbits : 12 in [10747, 10822]
coverage : 2019-11-09 / 2019-11-14
created : 2023-08-21T15:15:11



Tropomi SWIR background noise (swir)

orbits : [2212, 10822]
coverage : 2018-03-18 / 2019-11-14
created : 2023-08-21T15:15:11

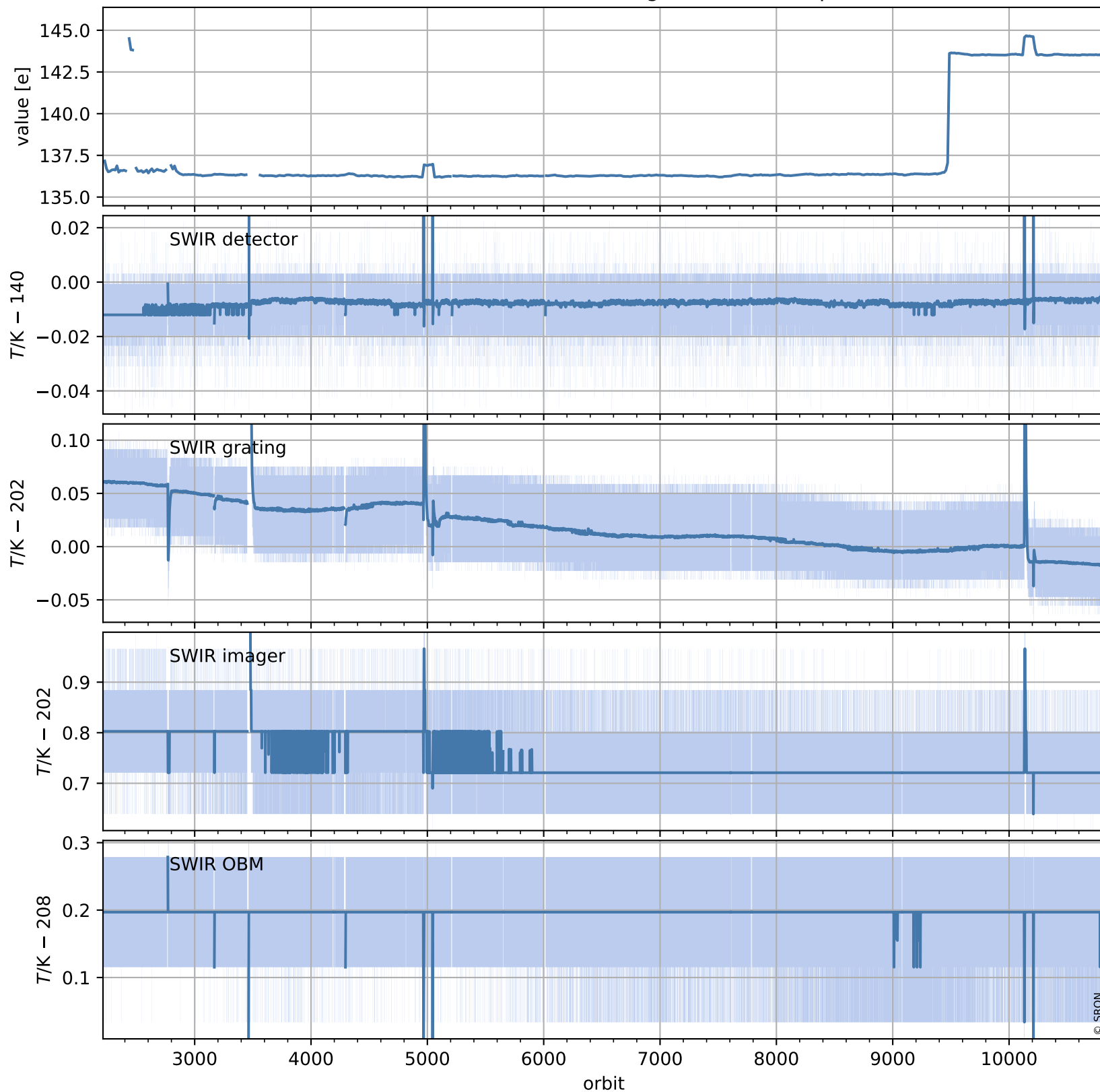
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10822]
coverage : 2018-03-18 / 2019-11-14
created : 2023-08-21T15:15:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 10822]
coverage : 2018-03-18 / 2019-11-14
created : 2023-08-21T15:15:13

trend of normalized read-noise & temperatures

