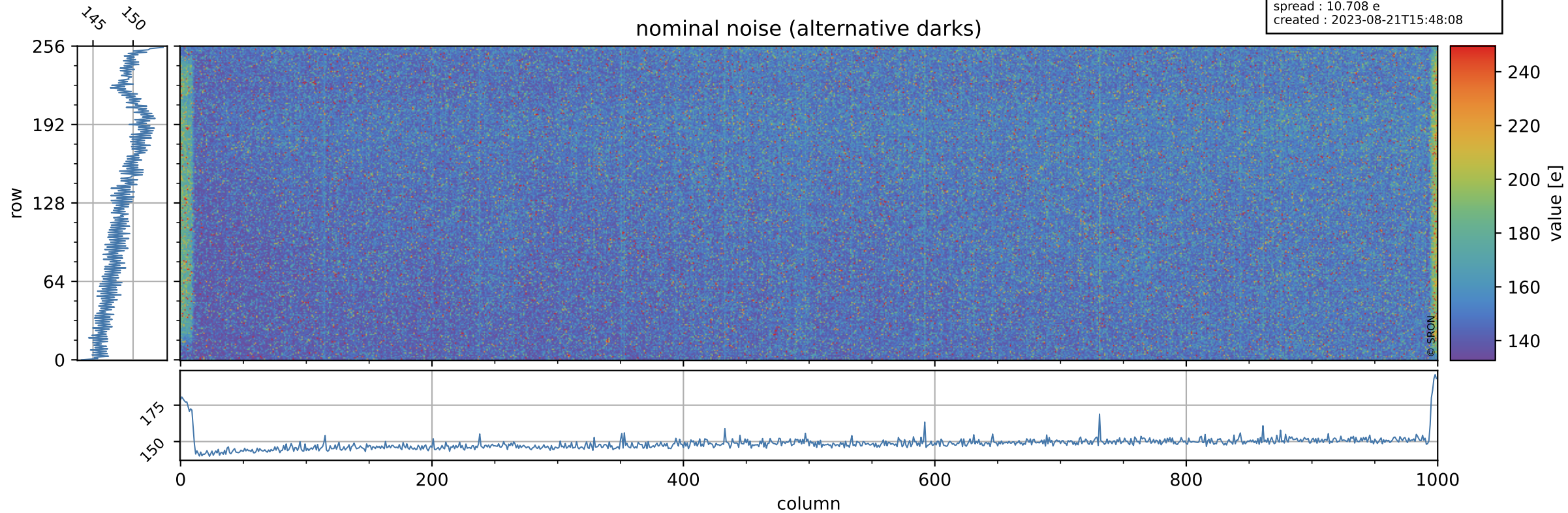


Tropomi SWIR background noise (swir)

orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.708 e
created : 2023-08-21T15:48:08

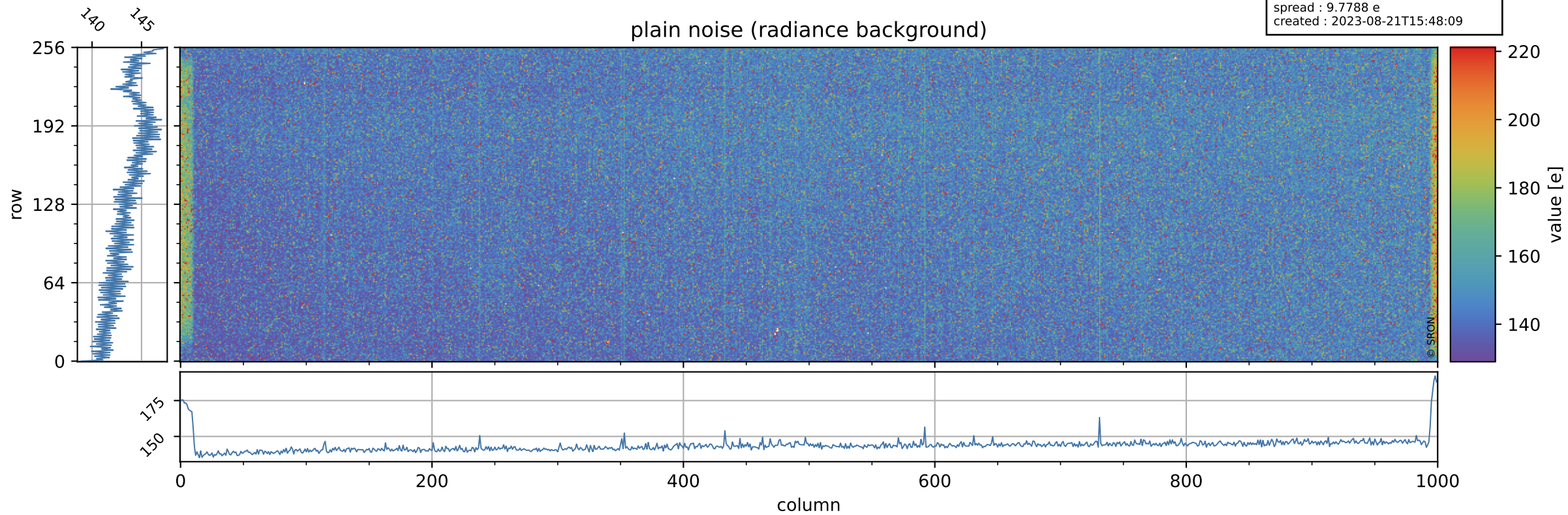
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7788 e
created : 2023-08-21T15:48:09

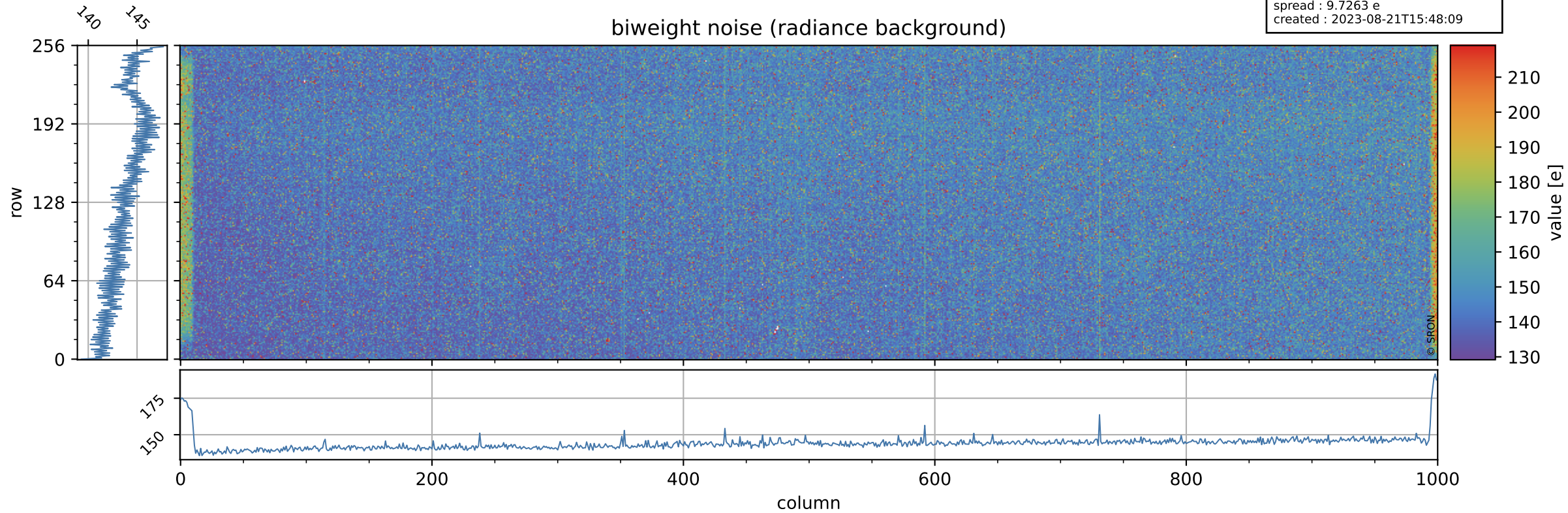
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7263 e
created : 2023-08-21T15:48:09

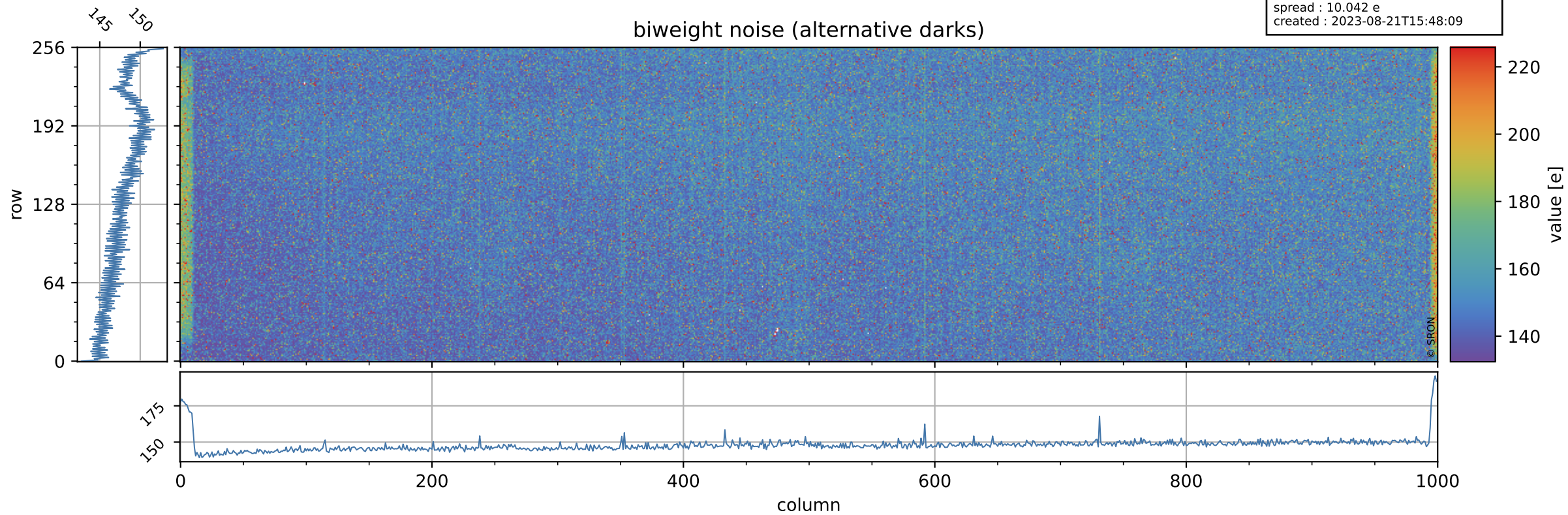
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.042 e
created : 2023-08-21T15:48:09

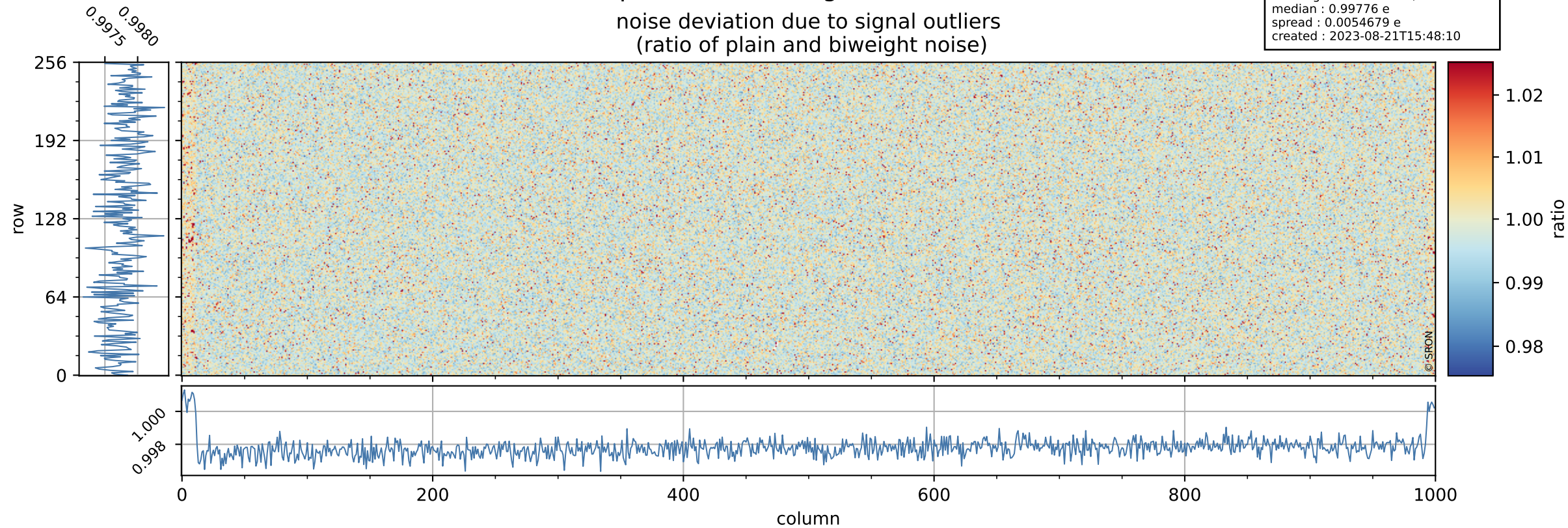
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

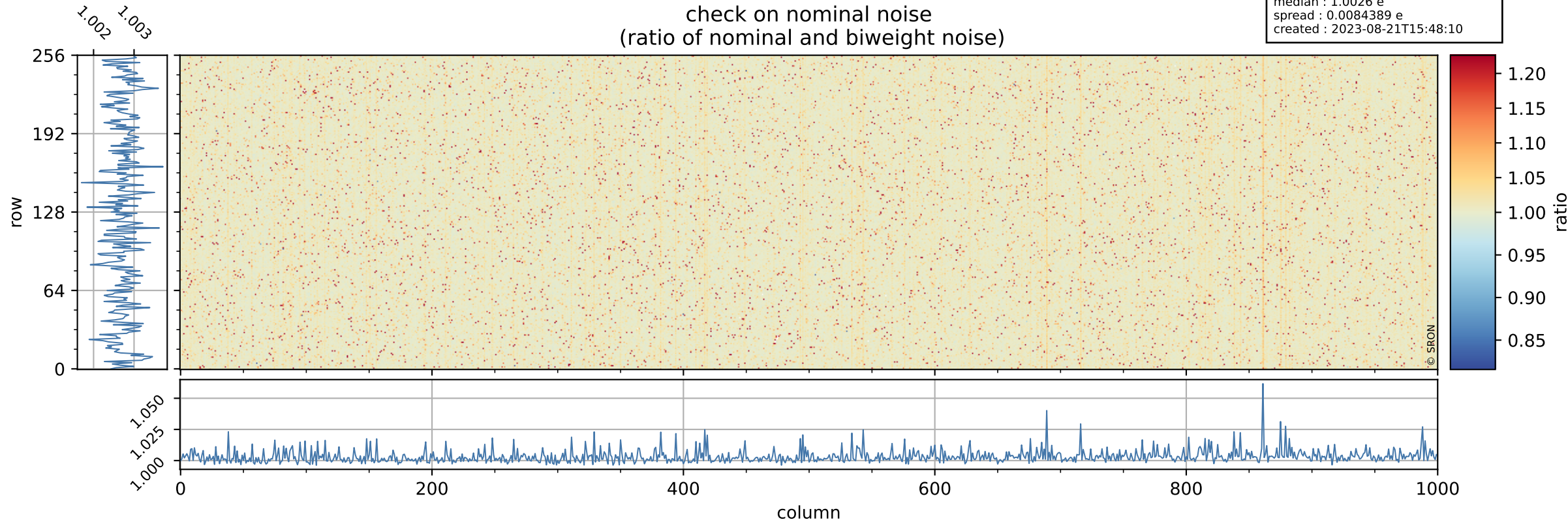
orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
median : 0.99776 e
spread : 0.0054679 e
created : 2023-08-21T15:48:10



Tropomi SWIR background noise (swir)

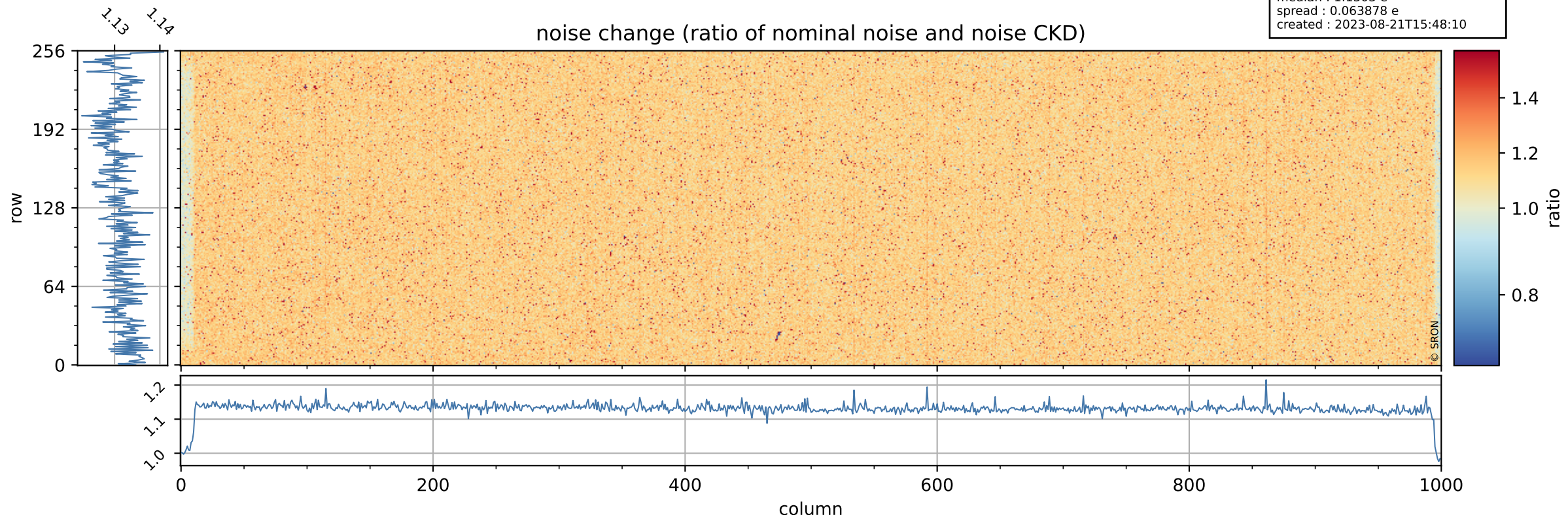
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
median : 1.0026 e
spread : 0.0084389 e
created : 2023-08-21T15:48:10



Tropomi SWIR background noise (swir)

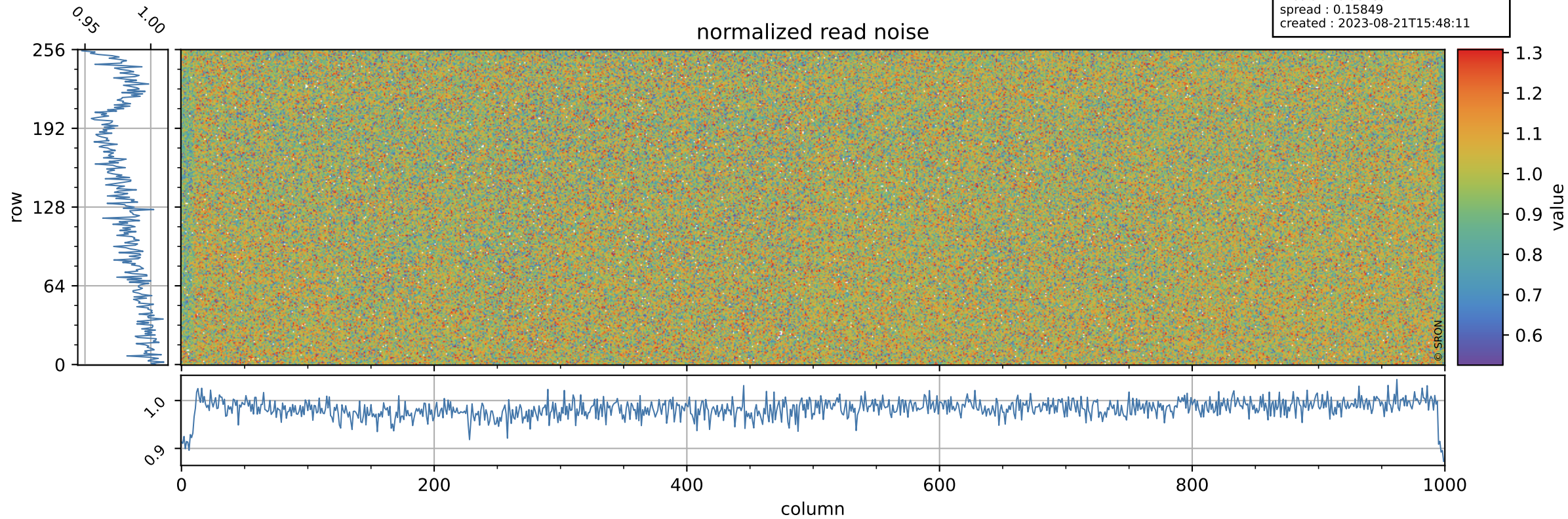
orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
median : 1.1303 e
spread : 0.063878 e
created : 2023-08-21T15:48:10



Tropomi SWIR background noise (swir)

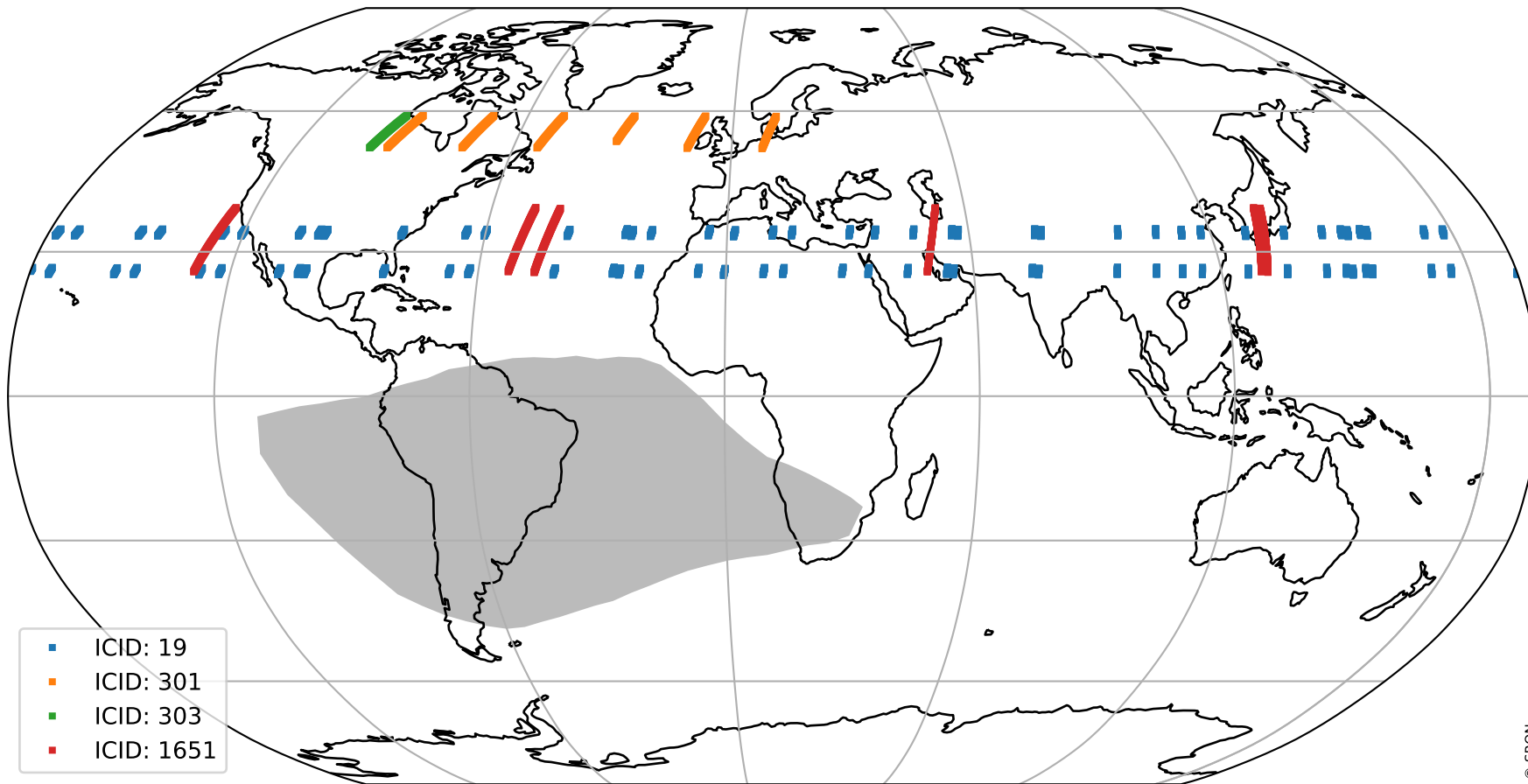
orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
median : 0.98139
spread : 0.15849
created : 2023-08-21T15:48:11

normalized read noise



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

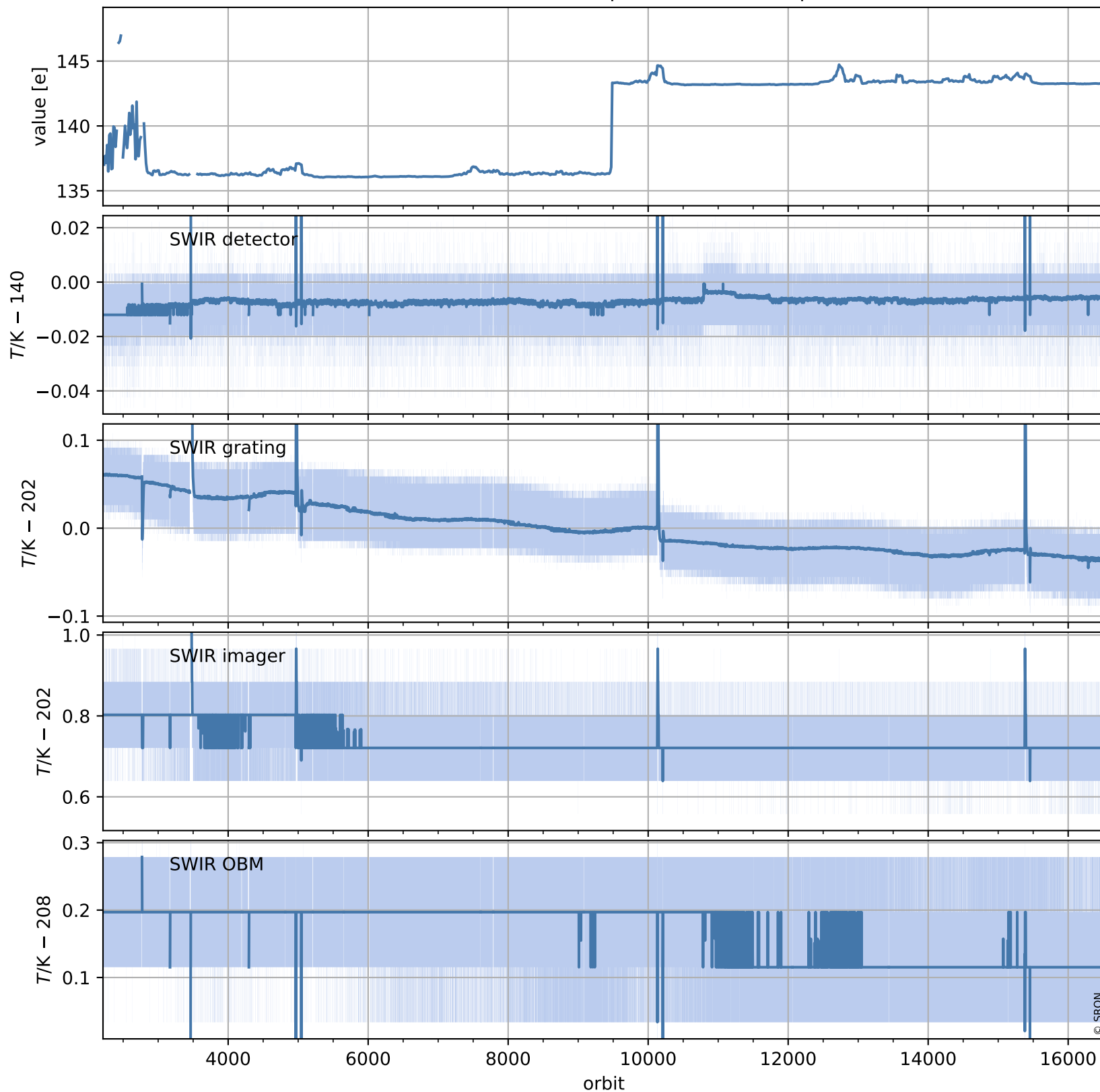
orbits : 13 in [16432, 16522]
coverage : 2020-12-15 / 2020-12-20
created : 2023-08-21T15:48:11



Tropomi SWIR background noise (swir)

orbits : [2212, 16522]
coverage : 2018-03-18 / 2020-12-20
created : 2023-08-21T15:48:11

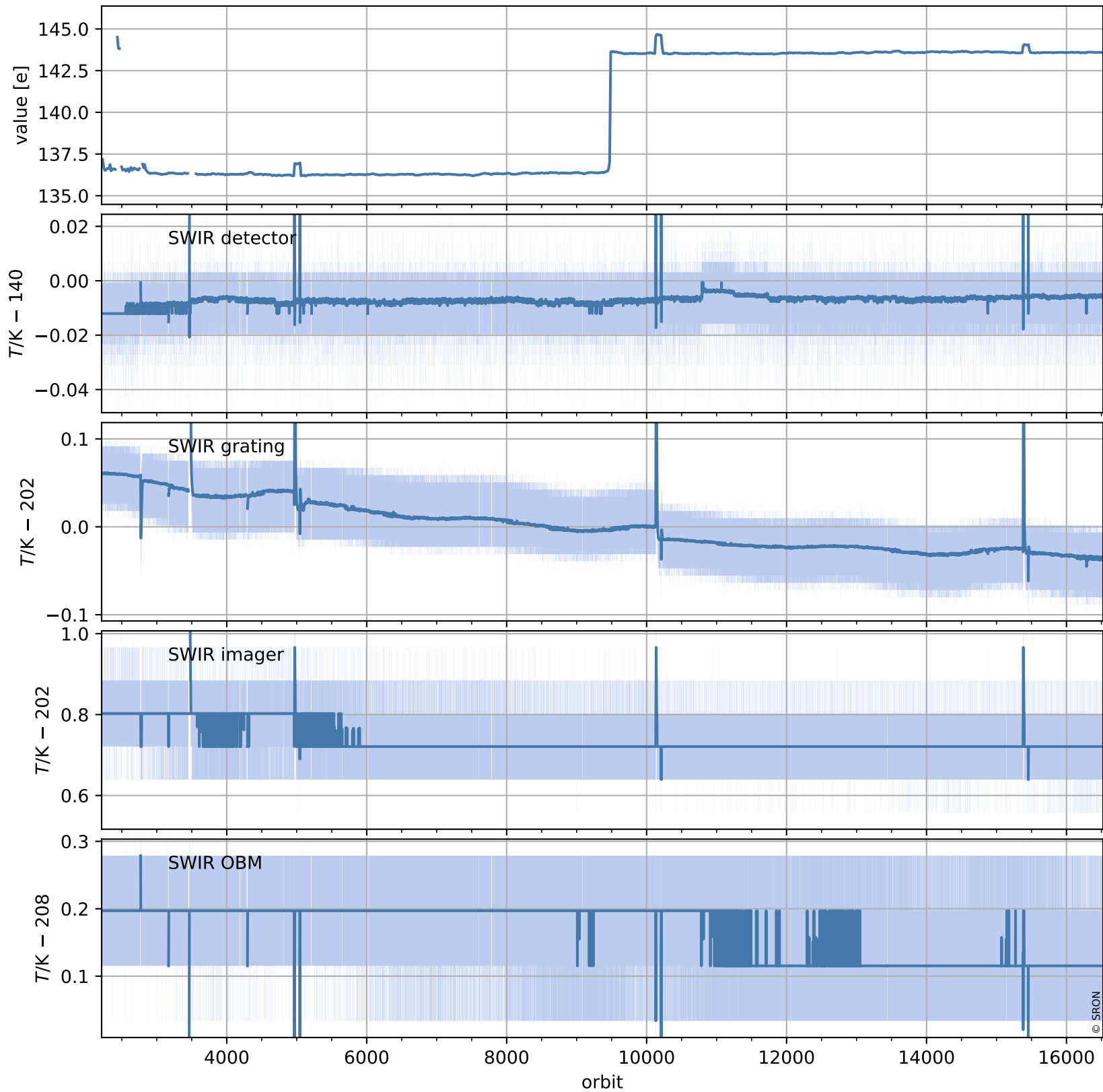
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16522]
coverage : 2018-03-18 / 2020-12-20
created : 2023-08-21T15:48:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16522]
coverage : 2018-03-18 / 2020-12-20
created : 2023-08-21T15:48:13

trend of normalized read-noise & temperatures

