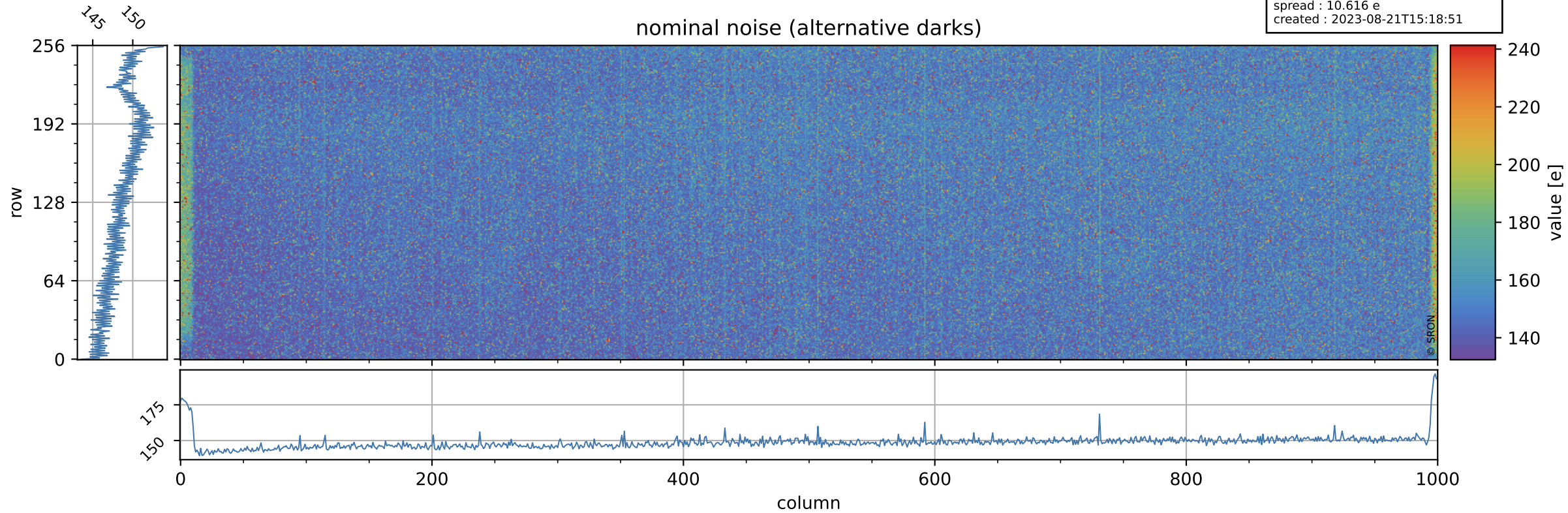


Tropomi SWIR background noise (swir)

orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.616 e
created : 2023-08-21T15:18:51

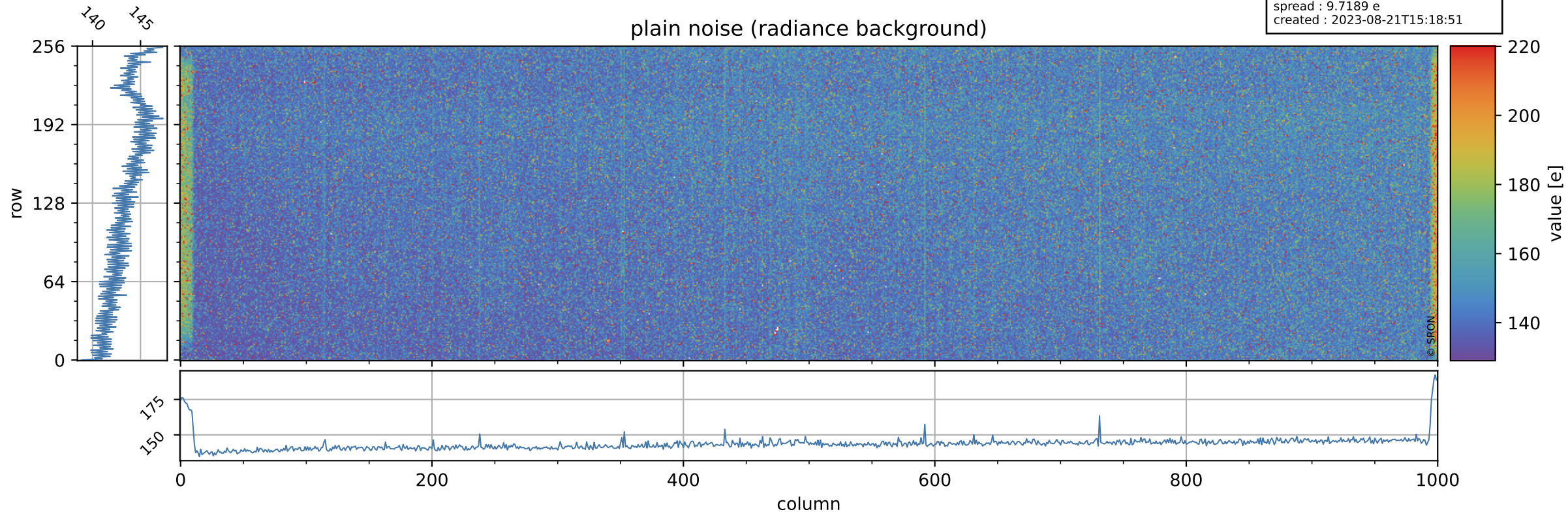
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
n_coad, t_exp : 1, 0.8383
median : 143.38 e
spread : 9.7189 e
created : 2023-08-21T15:18:51

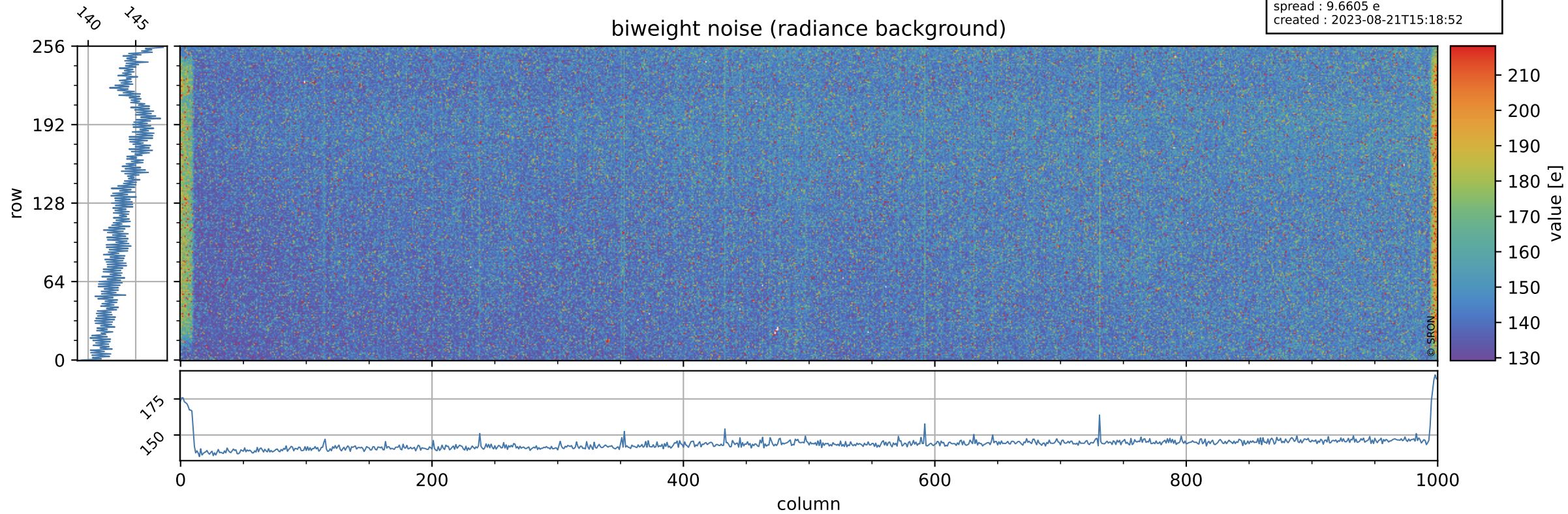
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.6605 e
created : 2023-08-21T15:18:52

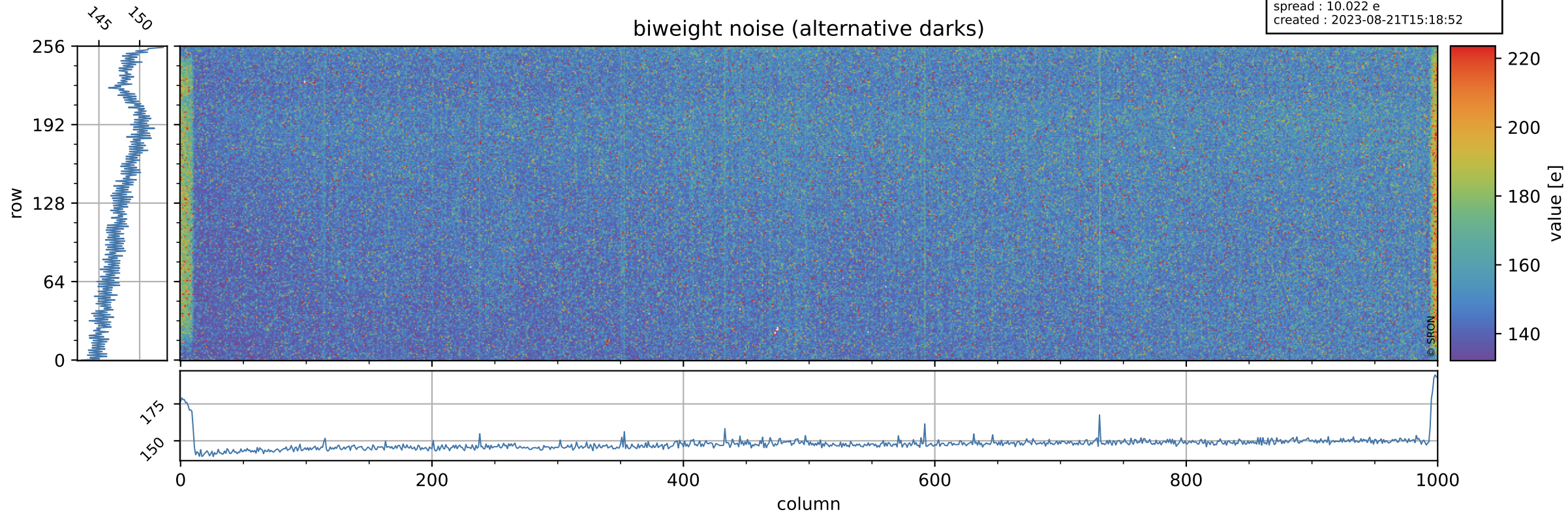
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.022 e
created : 2023-08-21T15:18:52

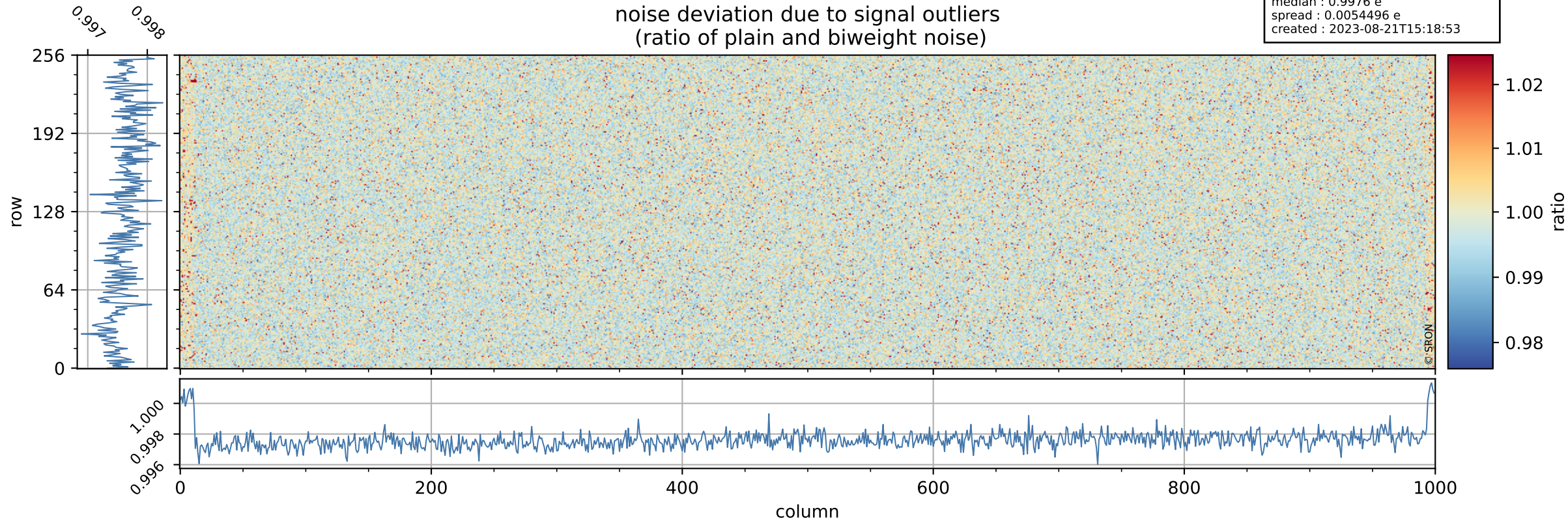
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

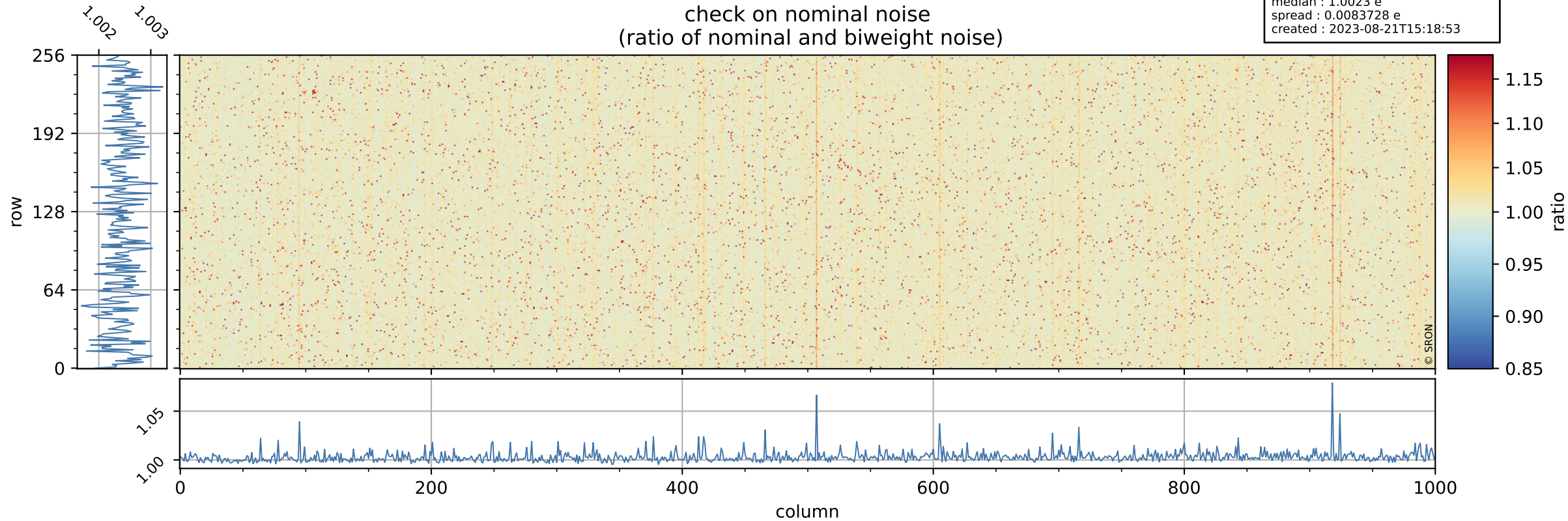
orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
median : 0.9976 e
spread : 0.0054496 e
created : 2023-08-21T15:18:53



Tropomi SWIR background noise (swir)

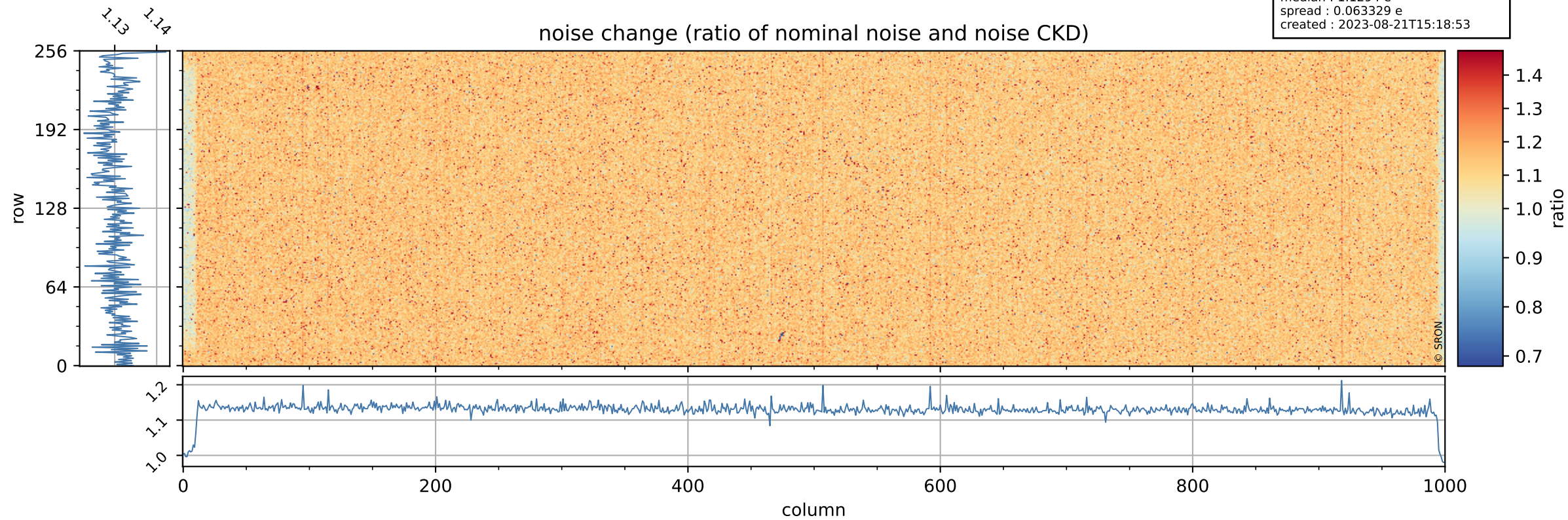
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
median : 1.0023 e
spread : 0.0083728 e
created : 2023-08-21T15:18:53



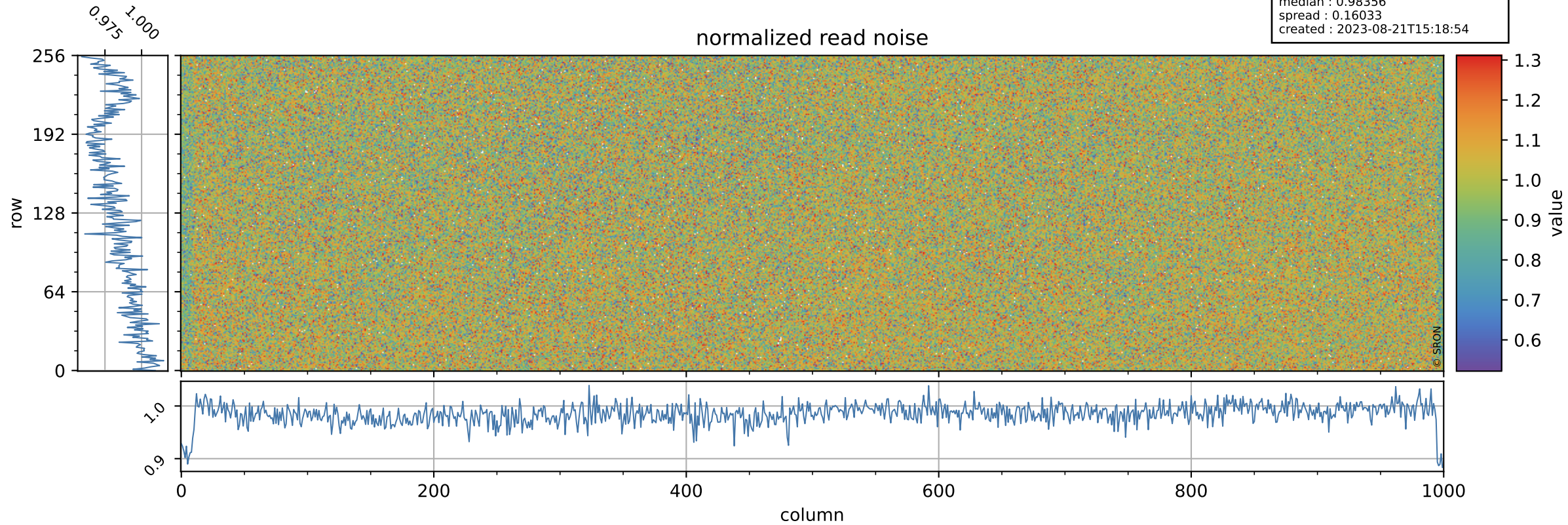
Tropomi SWIR background noise (swir)

orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
median : 1.1294 e
spread : 0.063329 e
created : 2023-08-21T15:18:53



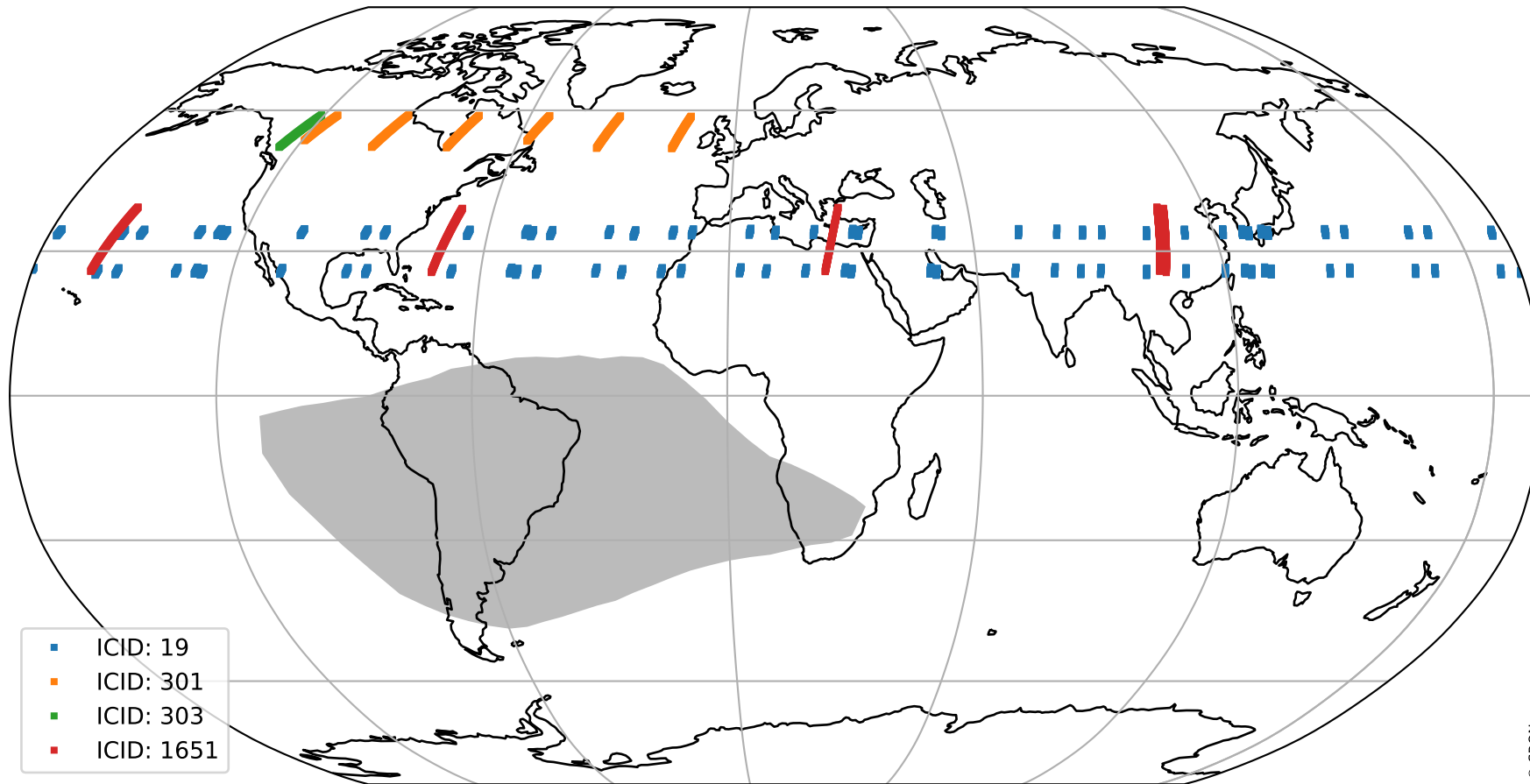
Tropomi SWIR background noise (swir)

orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
median : 0.98356
spread : 0.16033
created : 2023-08-21T15:18:54



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

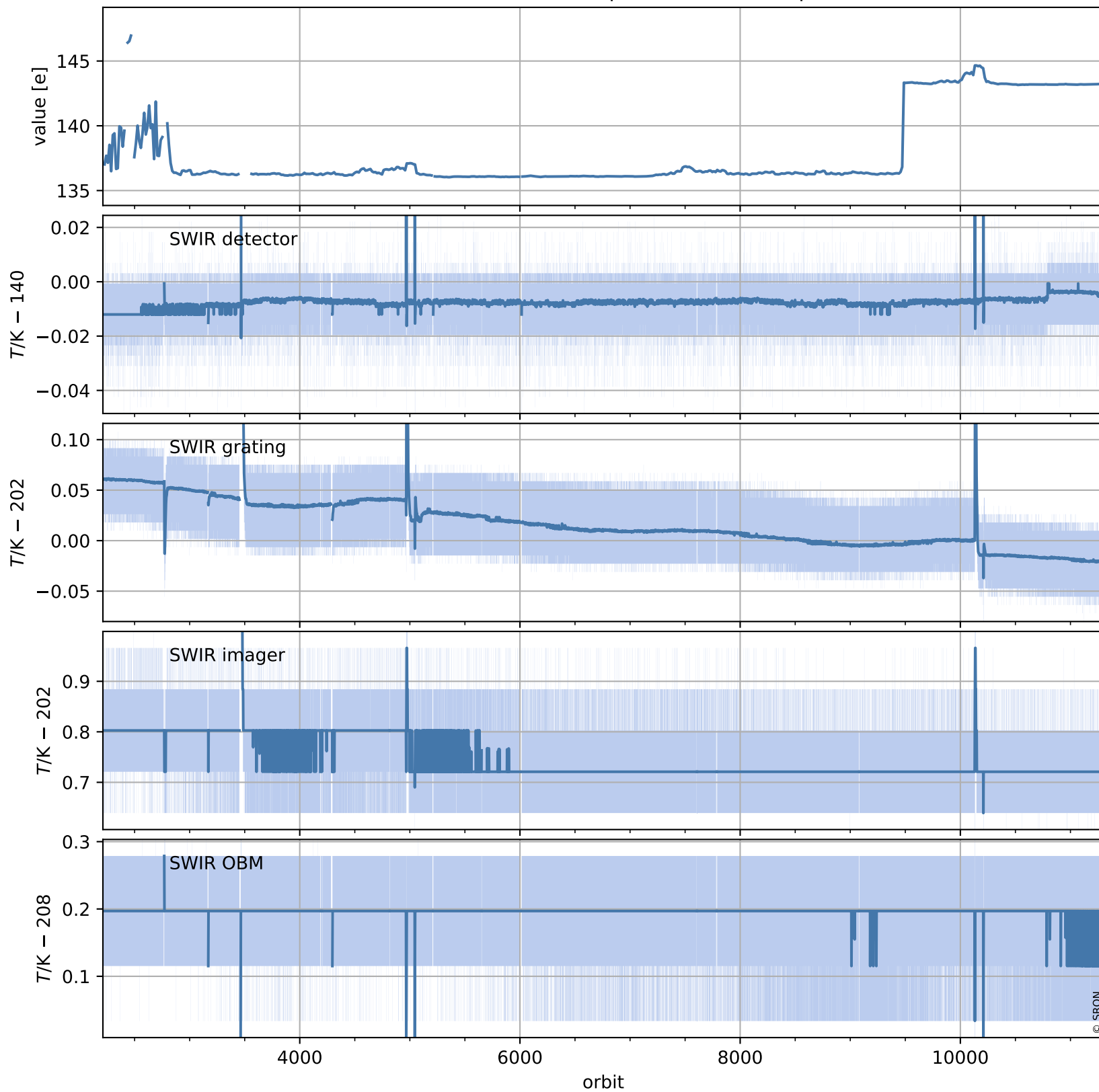
orbits : 12 in [11212, 11302]
coverage : 2019-12-13 / 2019-12-18
created : 2023-08-21T15:18:54



Tropomi SWIR background noise (swir)

orbits : [2212, 11302]
coverage : 2018-03-18 / 2019-12-18
created : 2023-08-21T15:18:55

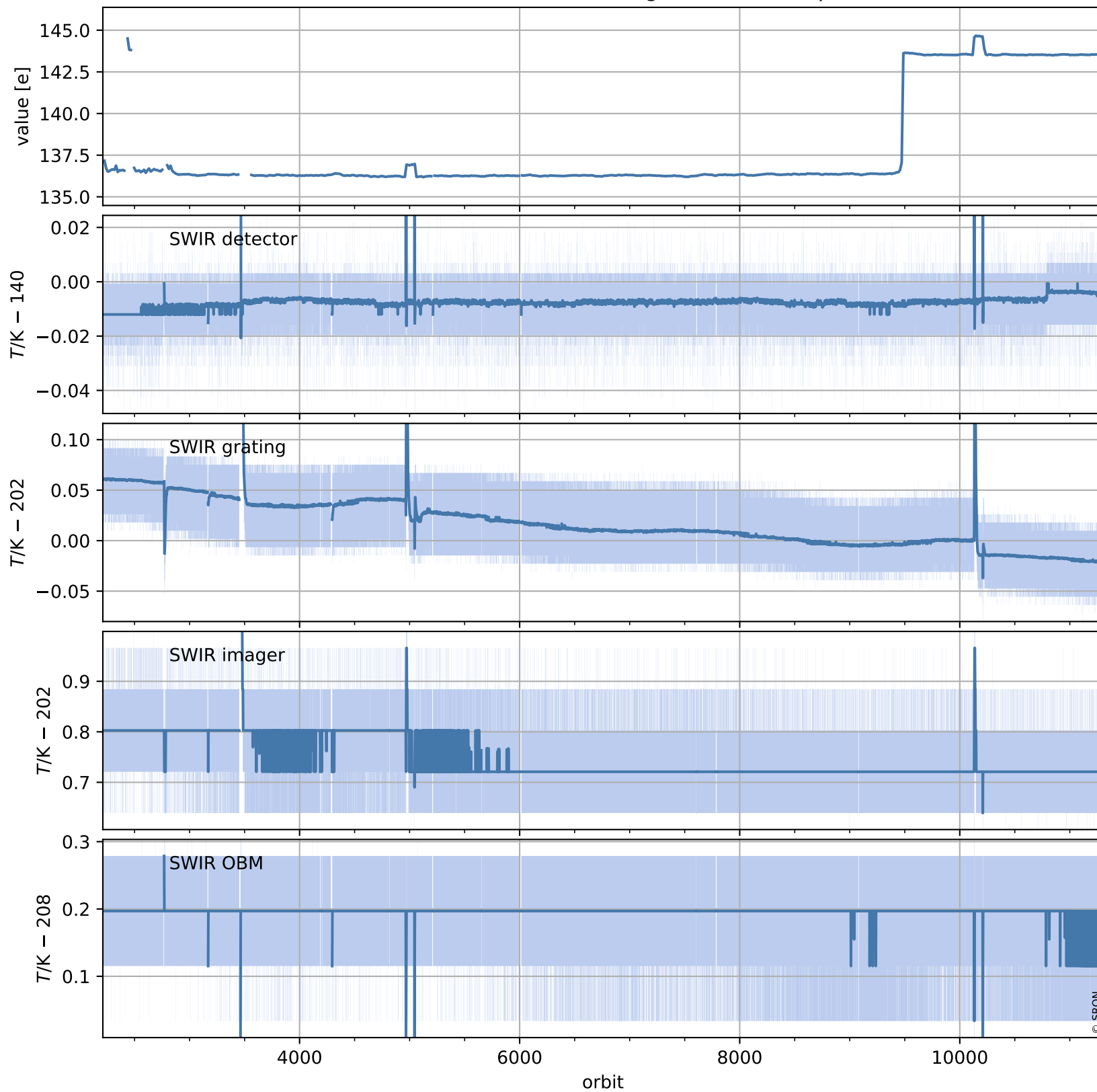
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11302]
coverage : 2018-03-18 / 2019-12-18
created : 2023-08-21T15:18:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 11302]
coverage : 2018-03-18 / 2019-12-18
created : 2023-08-21T15:18:56

trend of normalized read-noise & temperatures

