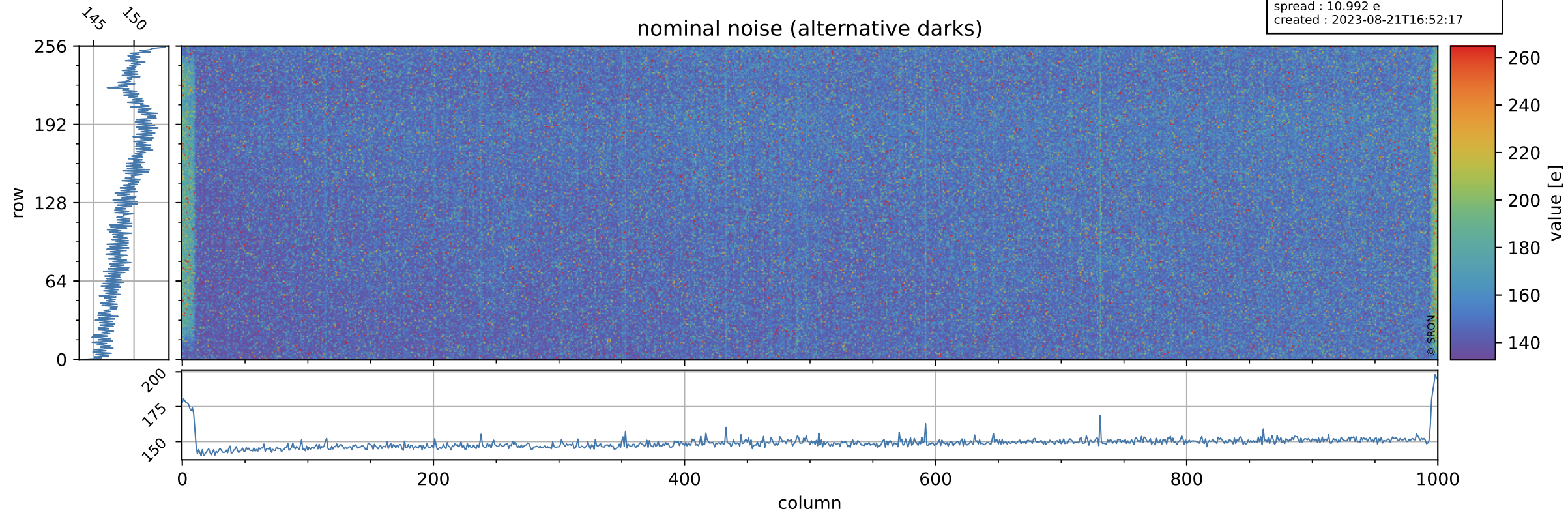


Tropomi SWIR background noise (swir)

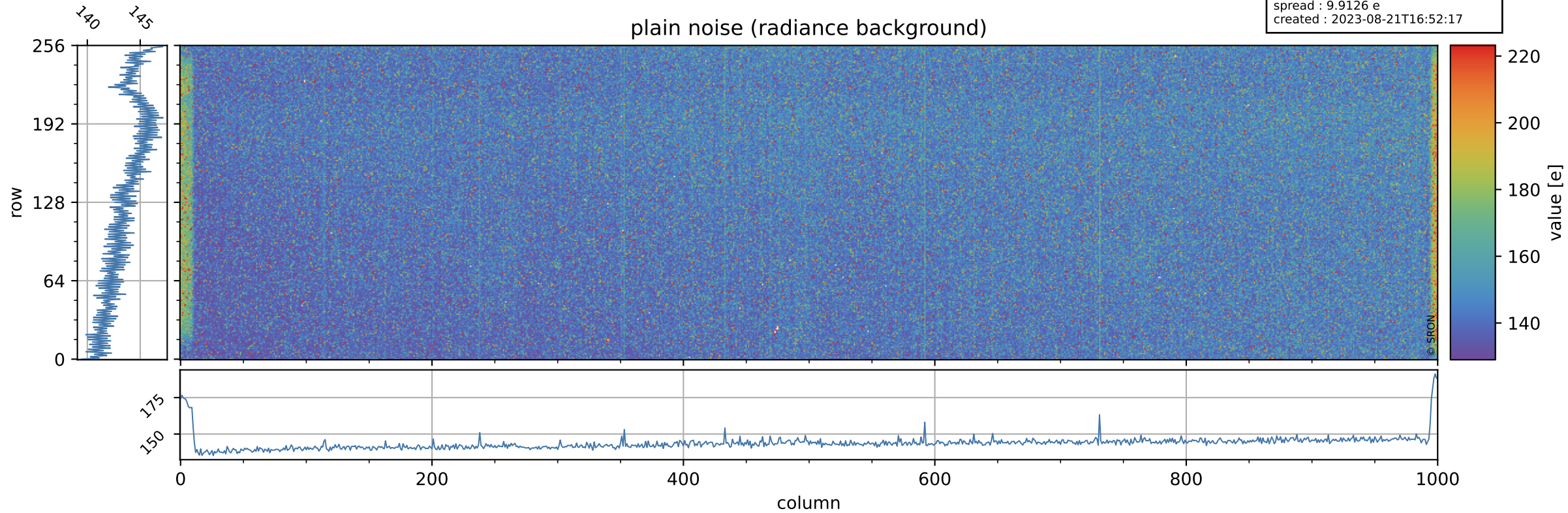
orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 10.992 e
created : 2023-08-21T16:52:17



Tropomi SWIR background noise (swir)

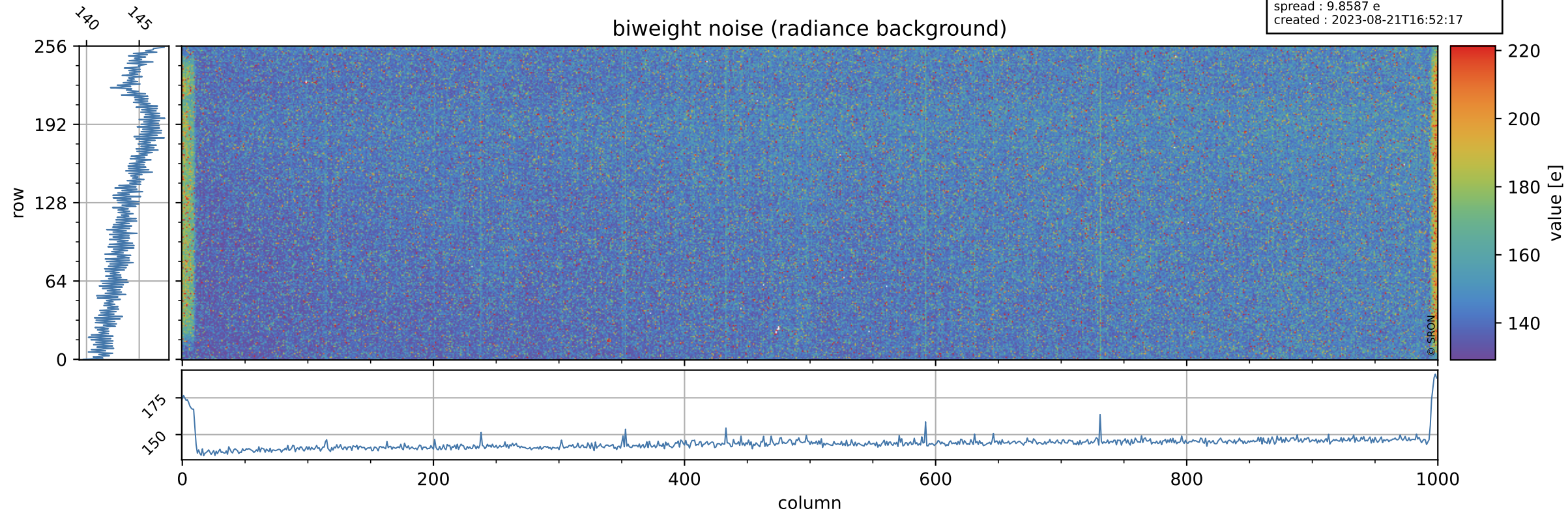
orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9126 e
created : 2023-08-21T16:52:17

plain noise (radiance background)



Tropomi SWIR background noise (swir)

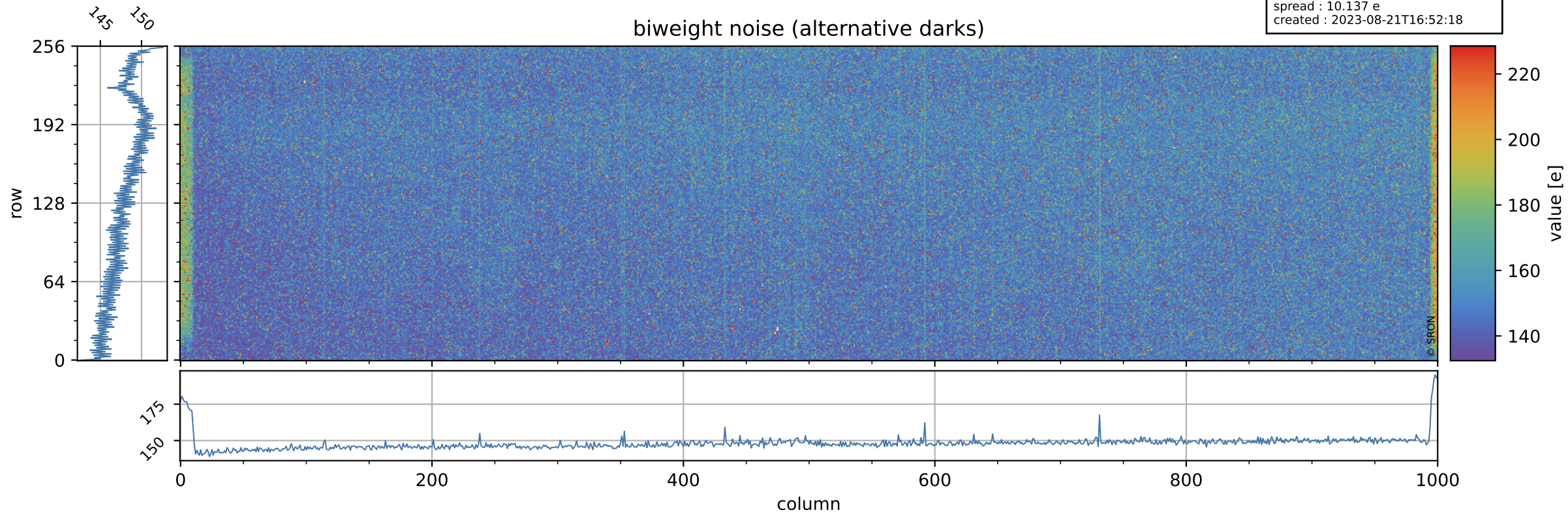
orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.8587 e
created : 2023-08-21T16:52:17



Tropomi SWIR background noise (swir)

orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.137 e
created : 2023-08-21T16:52:18

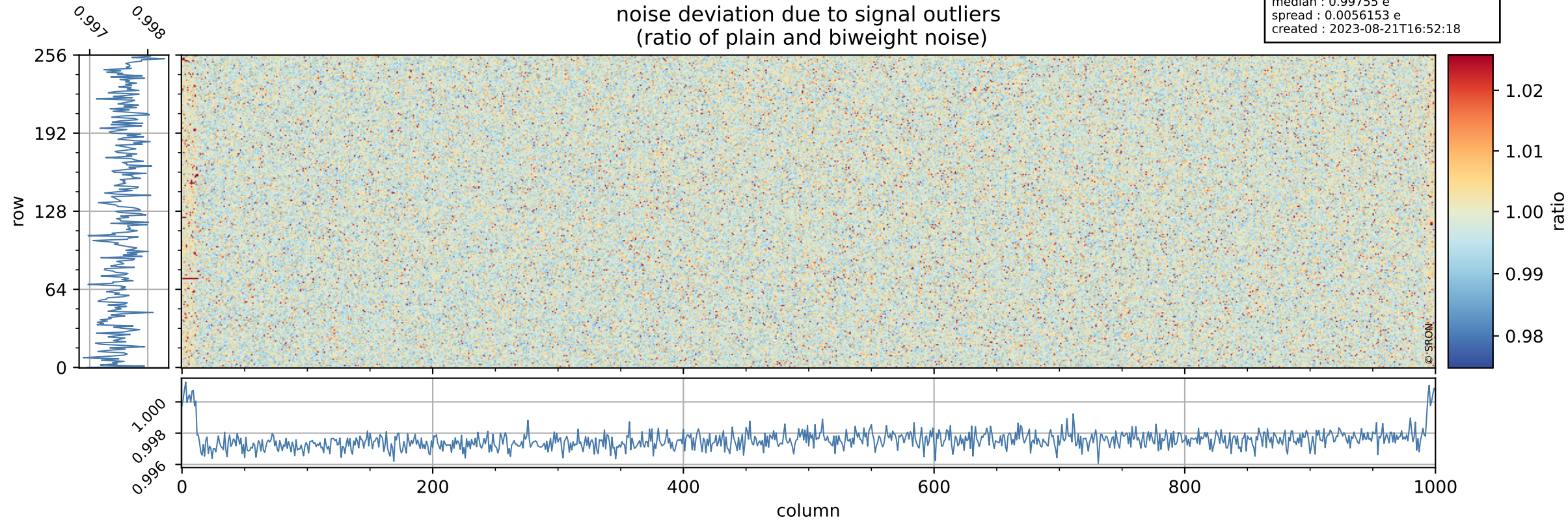
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

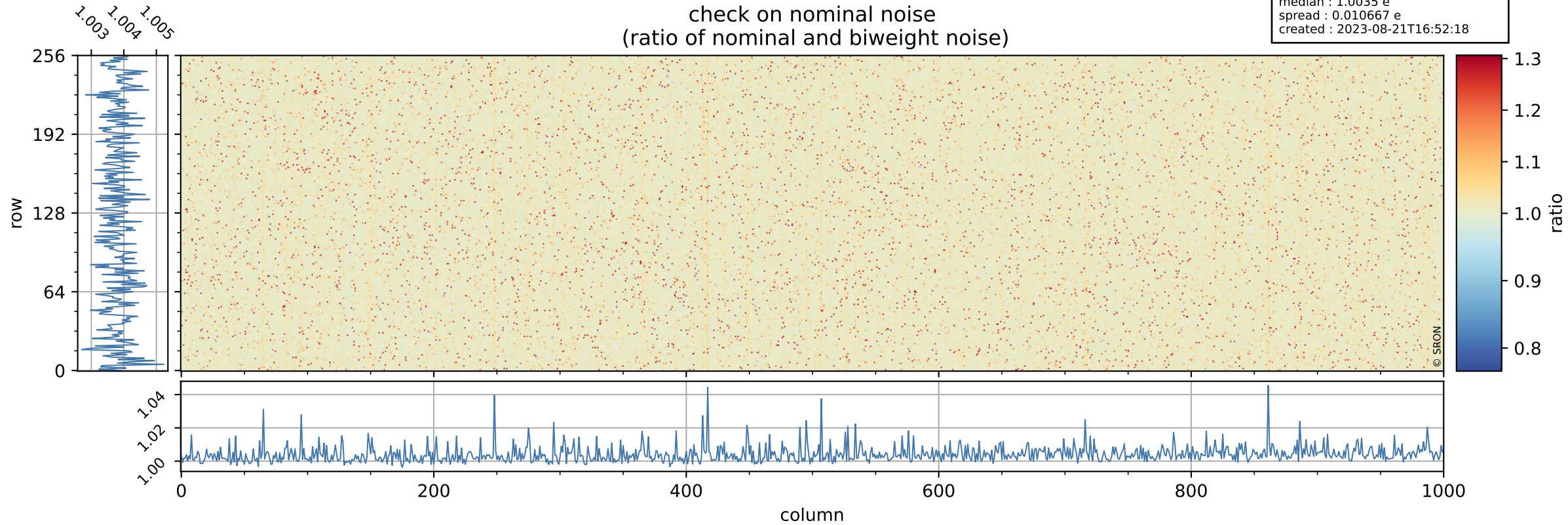
orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
median : 0.99755 e
spread : 0.0056153 e
created : 2023-08-21T16:52:18



Tropomi SWIR background noise (swir)

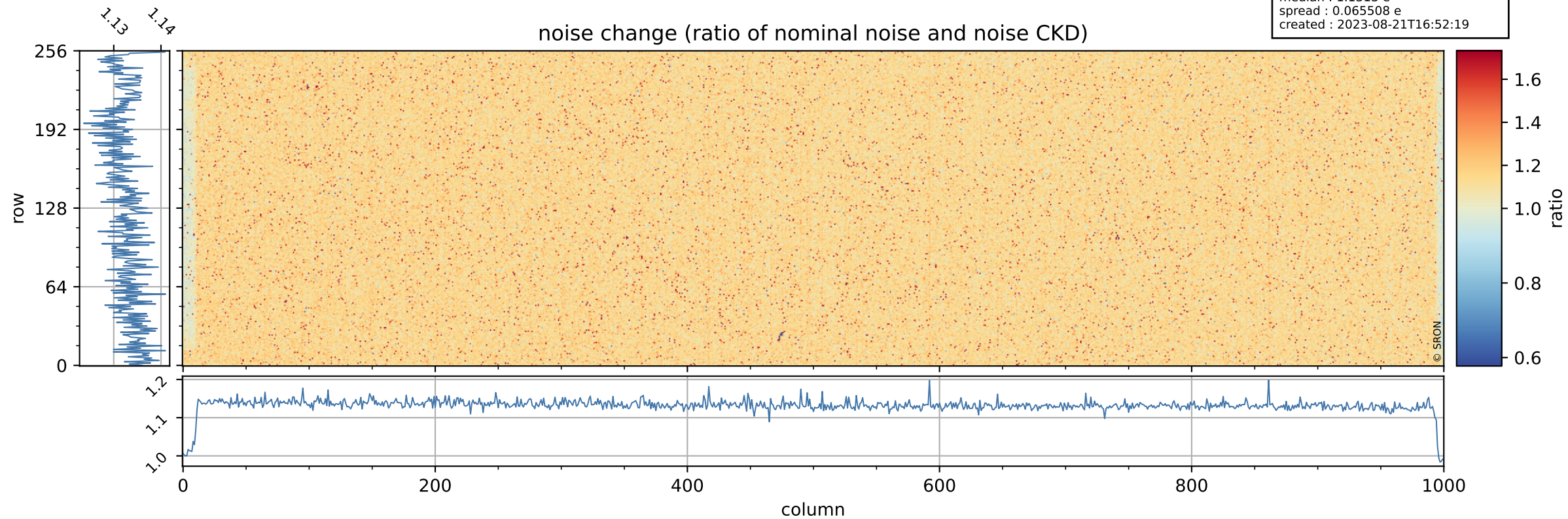
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
median : 1.0035 e
spread : 0.010667 e
created : 2023-08-21T16:52:18



Tropomi SWIR background noise (swir)

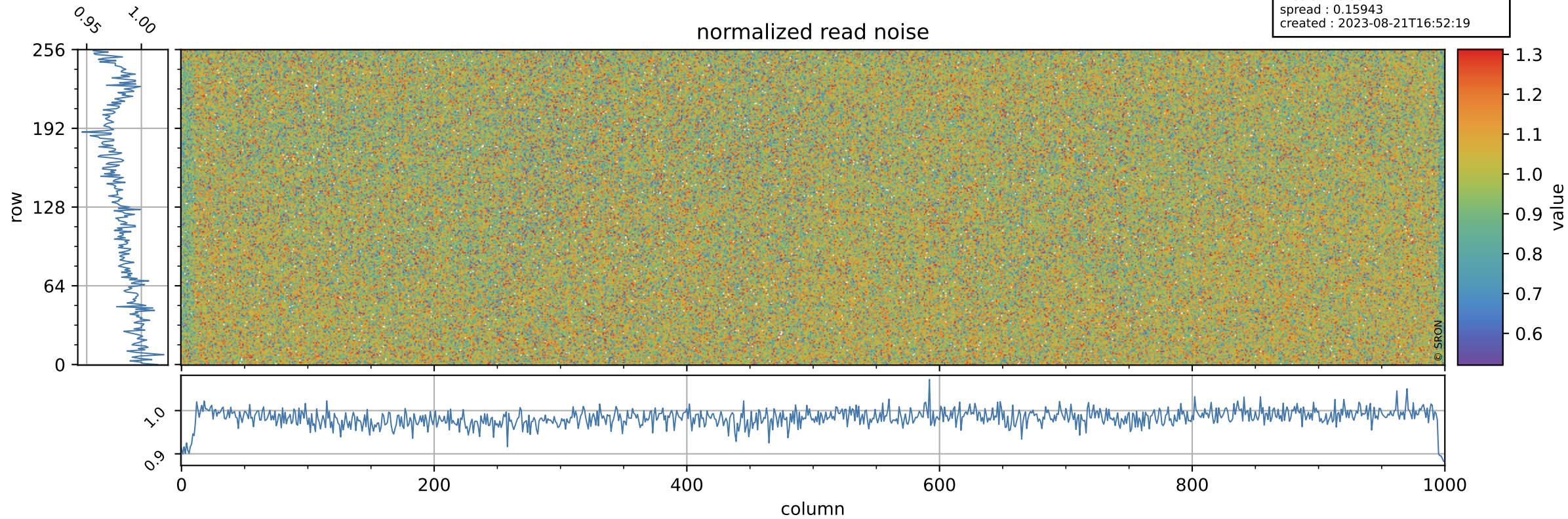
orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
median : 1.1313 e
spread : 0.065508 e
created : 2023-08-21T16:52:19



Tropomi SWIR background noise (swir)

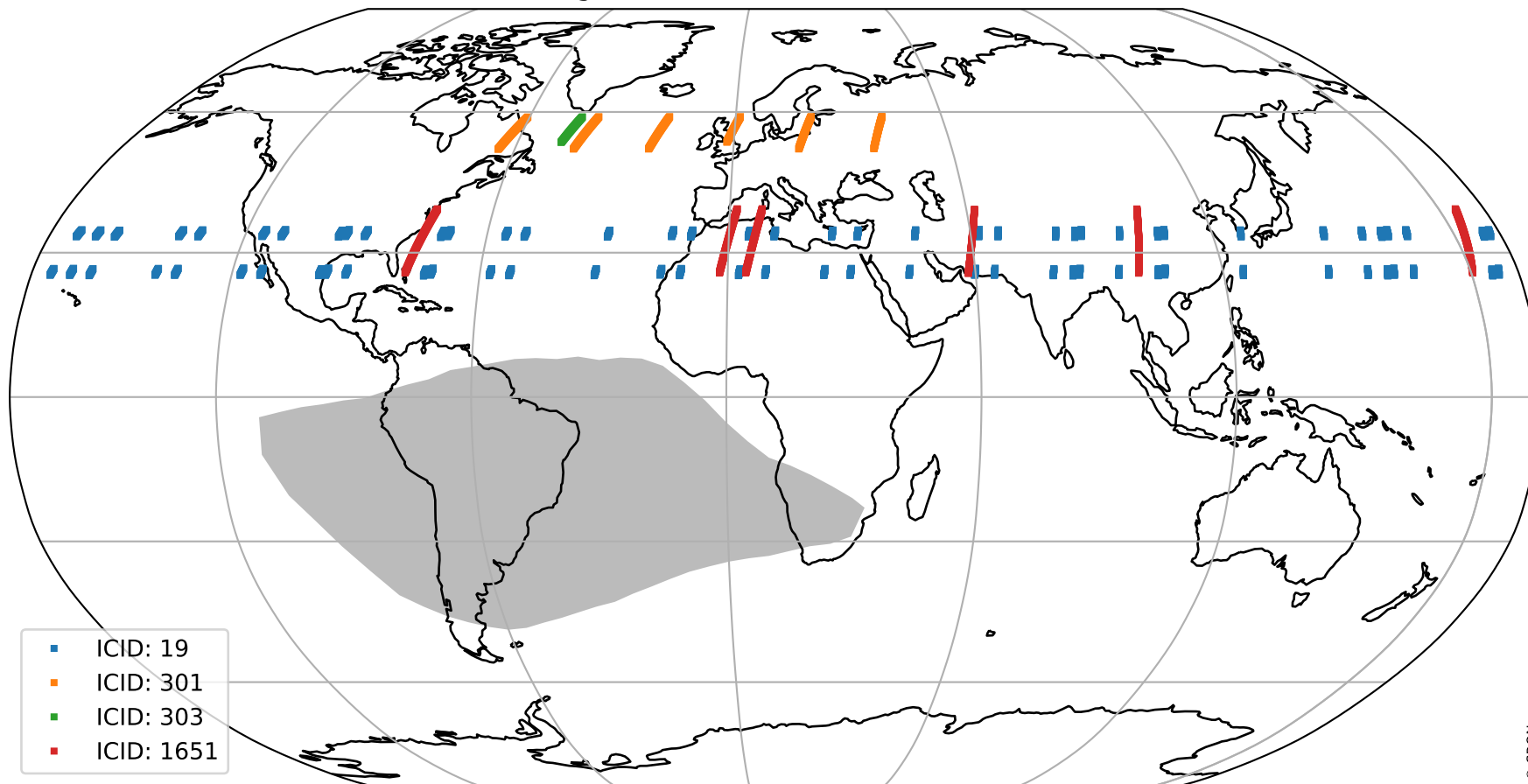
orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
median : 0.982
spread : 0.15943
created : 2023-08-21T16:52:19

normalized read noise



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

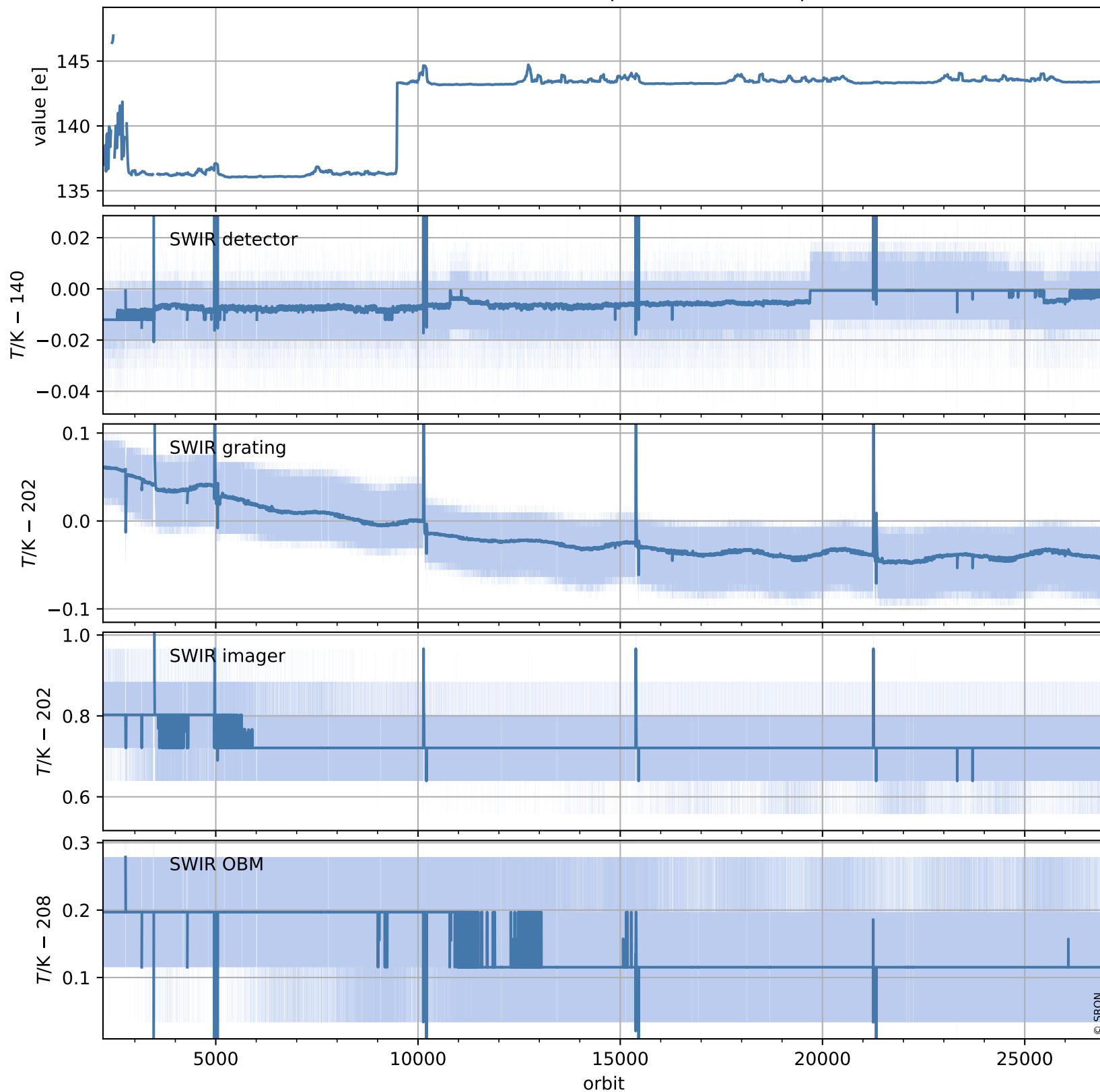
orbits : 13 in [26887, 26977]
coverage : 2022-12-21 / 2022-12-27
created : 2023-08-21T16:52:19



Tropomi SWIR background noise (swir)

orbits : [2212, 26977]
coverage : 2018-03-18 / 2022-12-27
created : 2023-08-21T16:52:19

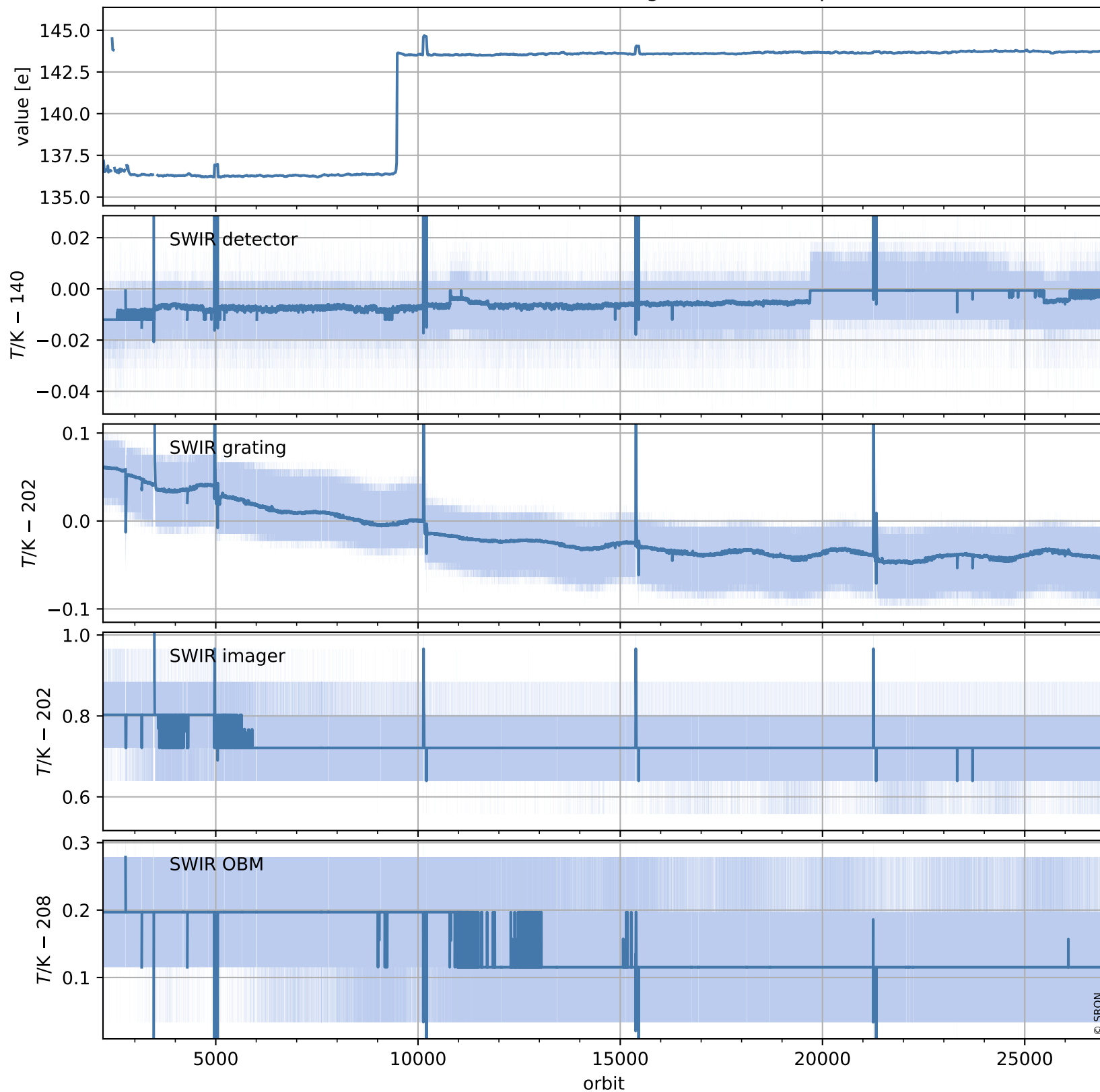
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26977]
coverage : 2018-03-18 / 2022-12-27
created : 2023-08-21T16:52:20

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26977]
coverage : 2018-03-18 / 2022-12-27
created : 2023-08-21T16:52:21

trend of normalized read-noise & temperatures

