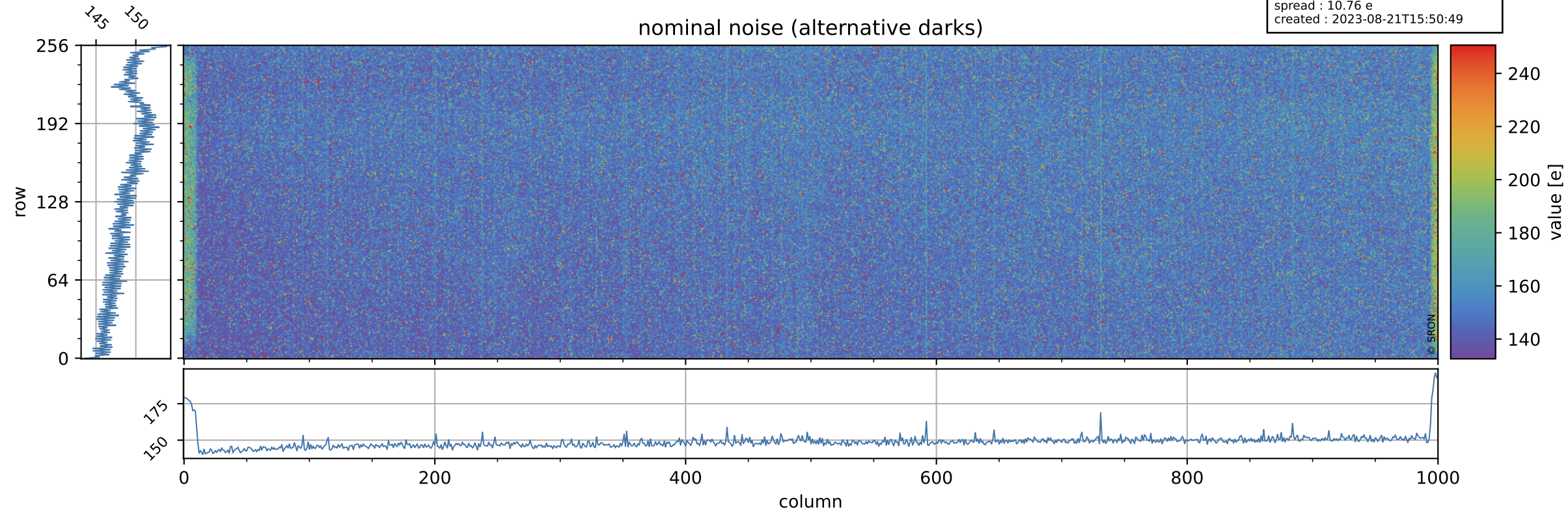


Tropomi SWIR background noise (swir)

orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.76 e
created : 2023-08-21T15:50:49

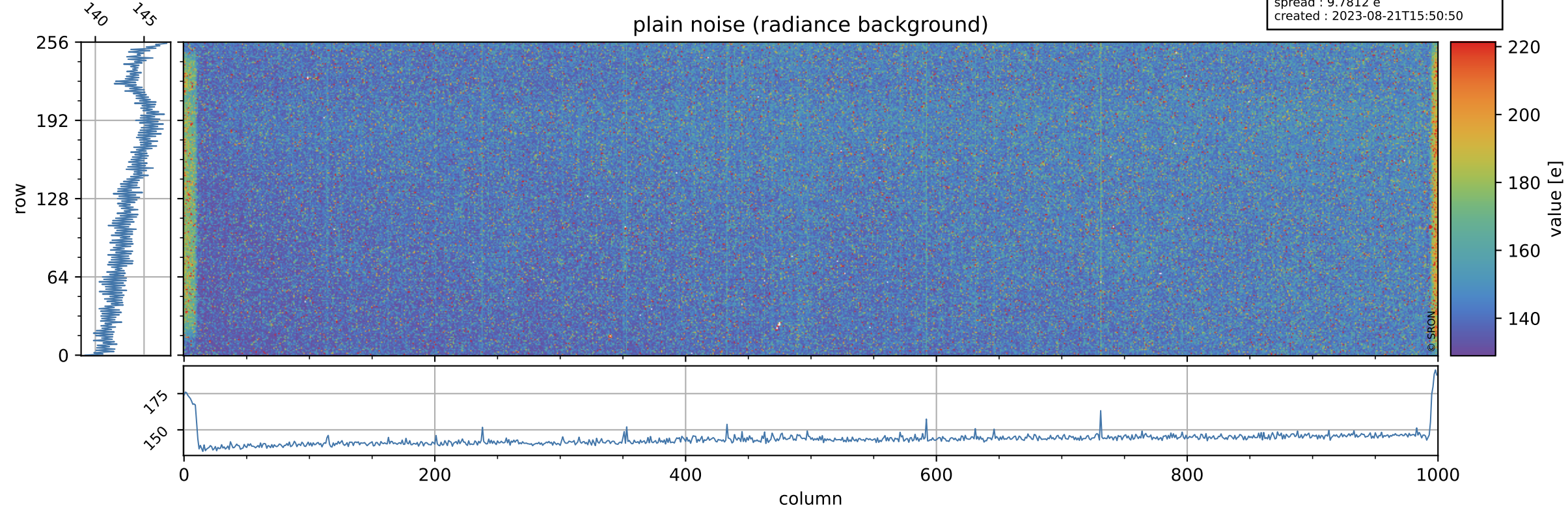
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7812 e
created : 2023-08-21T15:50:50

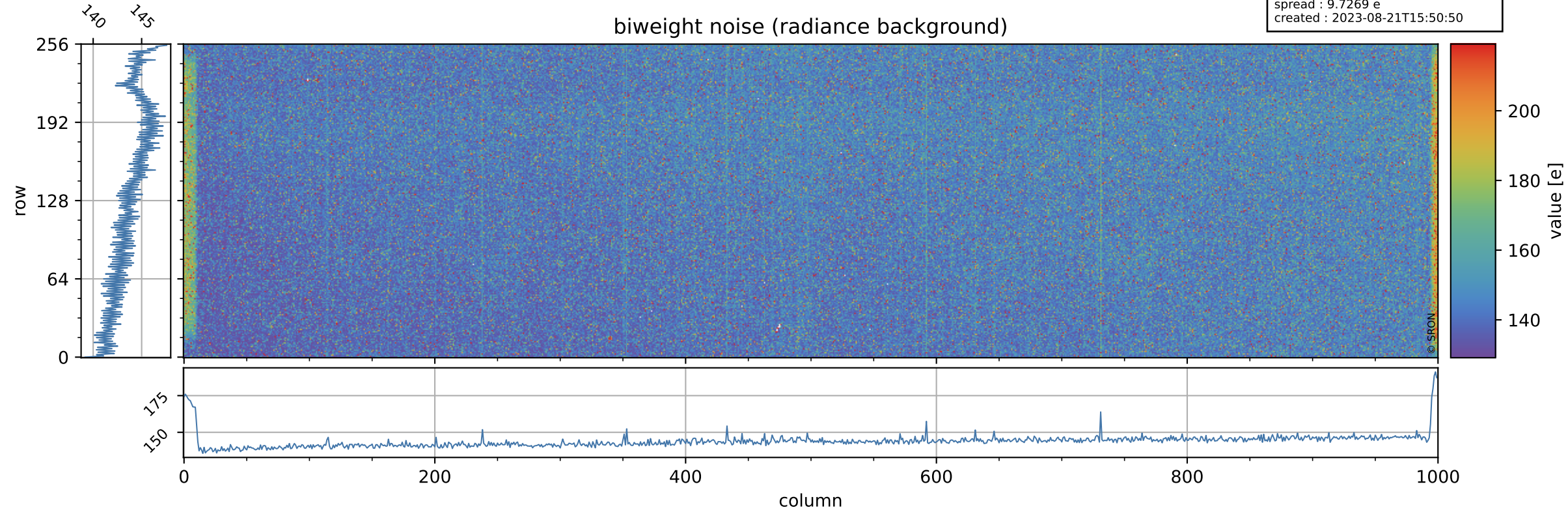
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.7269 e
created : 2023-08-21T15:50:50

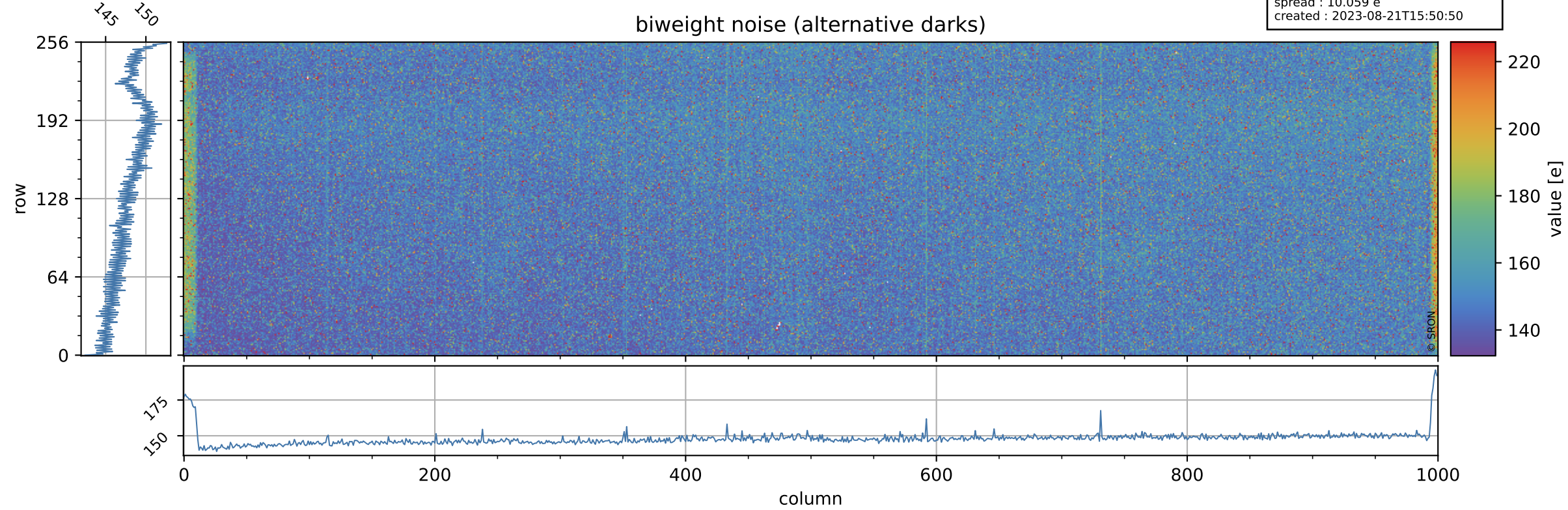
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.059 e
created : 2023-08-21T15:50:50

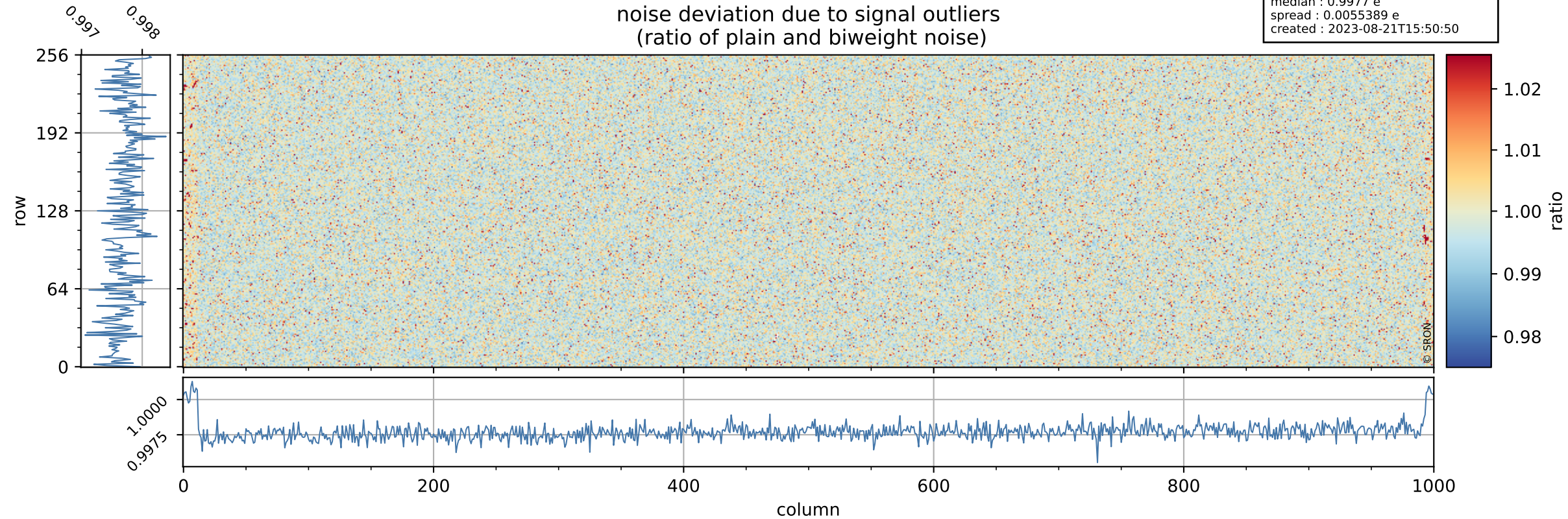
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

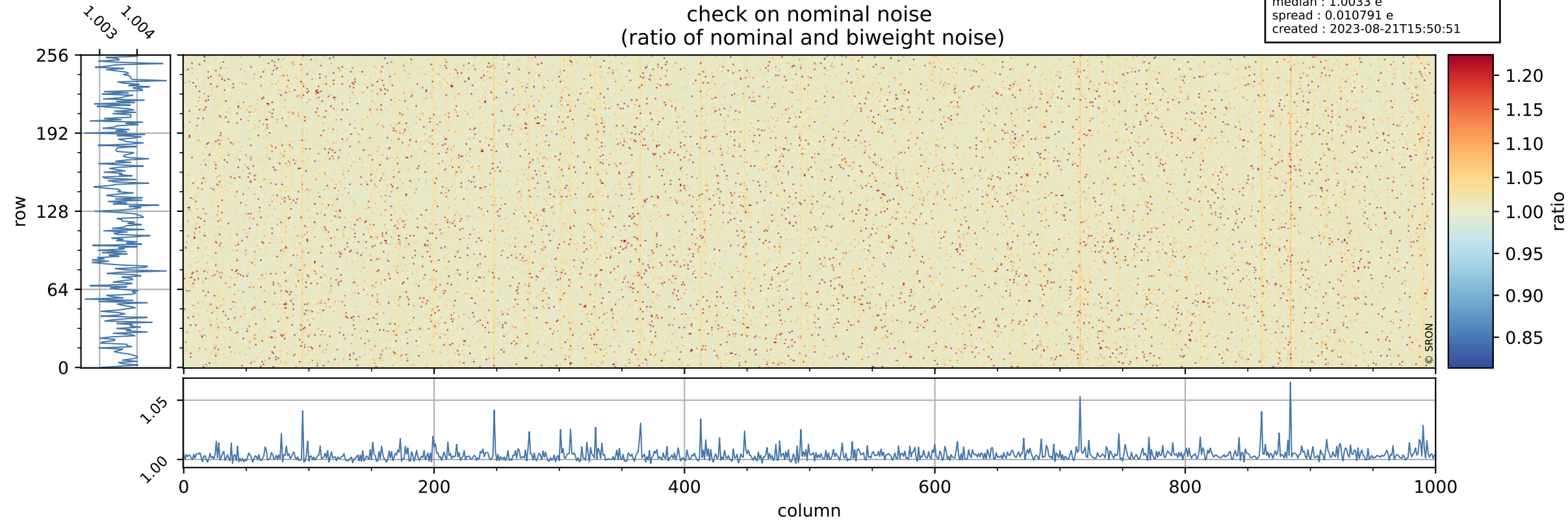
orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
median : 0.9977 e
spread : 0.0055389 e
created : 2023-08-21T15:50:50



Tropomi SWIR background noise (swir)

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

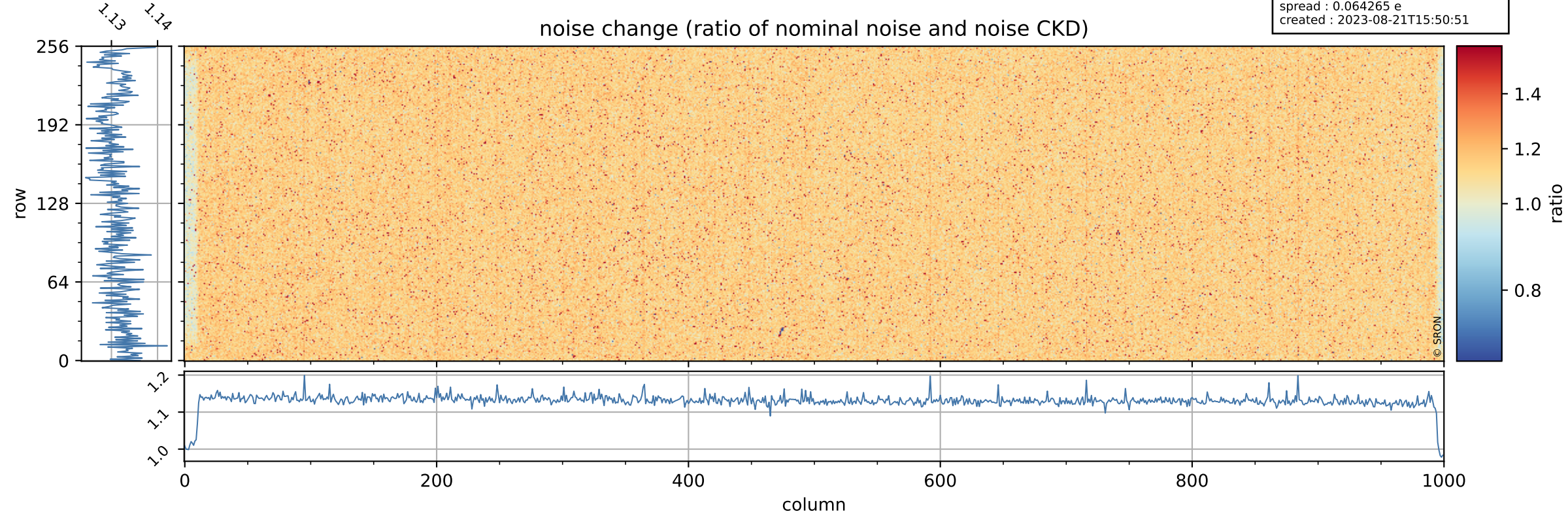
orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
median : 1.0033 e
spread : 0.010791 e
created : 2023-08-21T15:50:51



Tropomi SWIR background noise (swir)

orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
median : 1.1302 e
spread : 0.064265 e
created : 2023-08-21T15:50:51

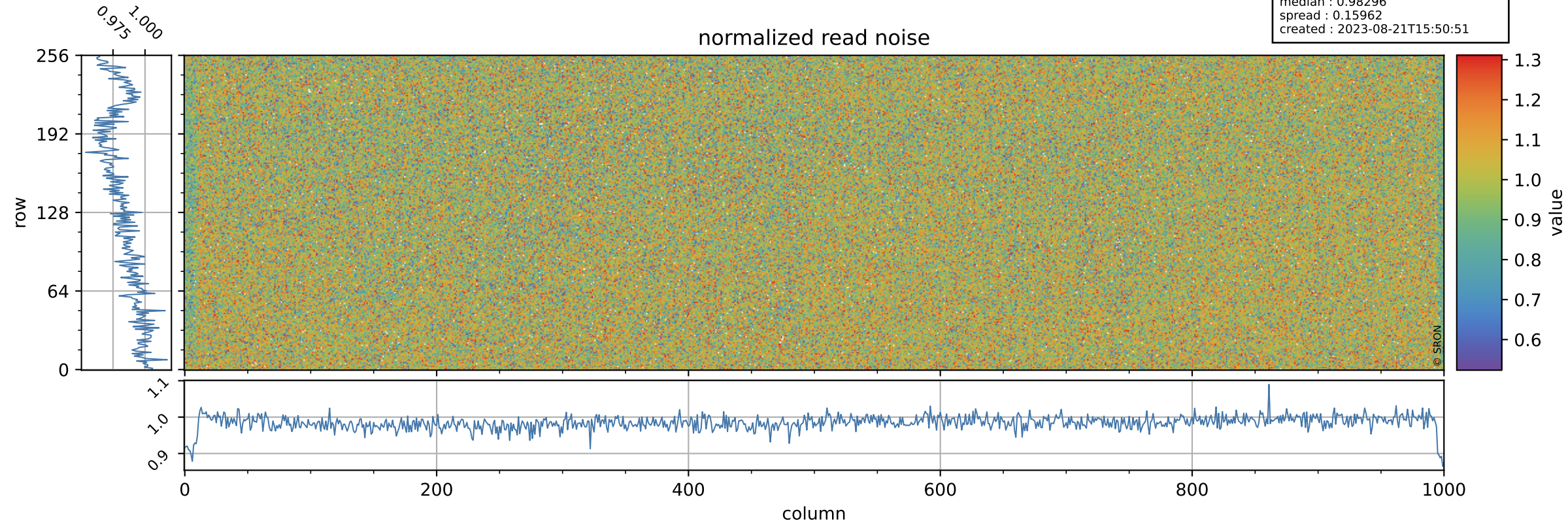
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

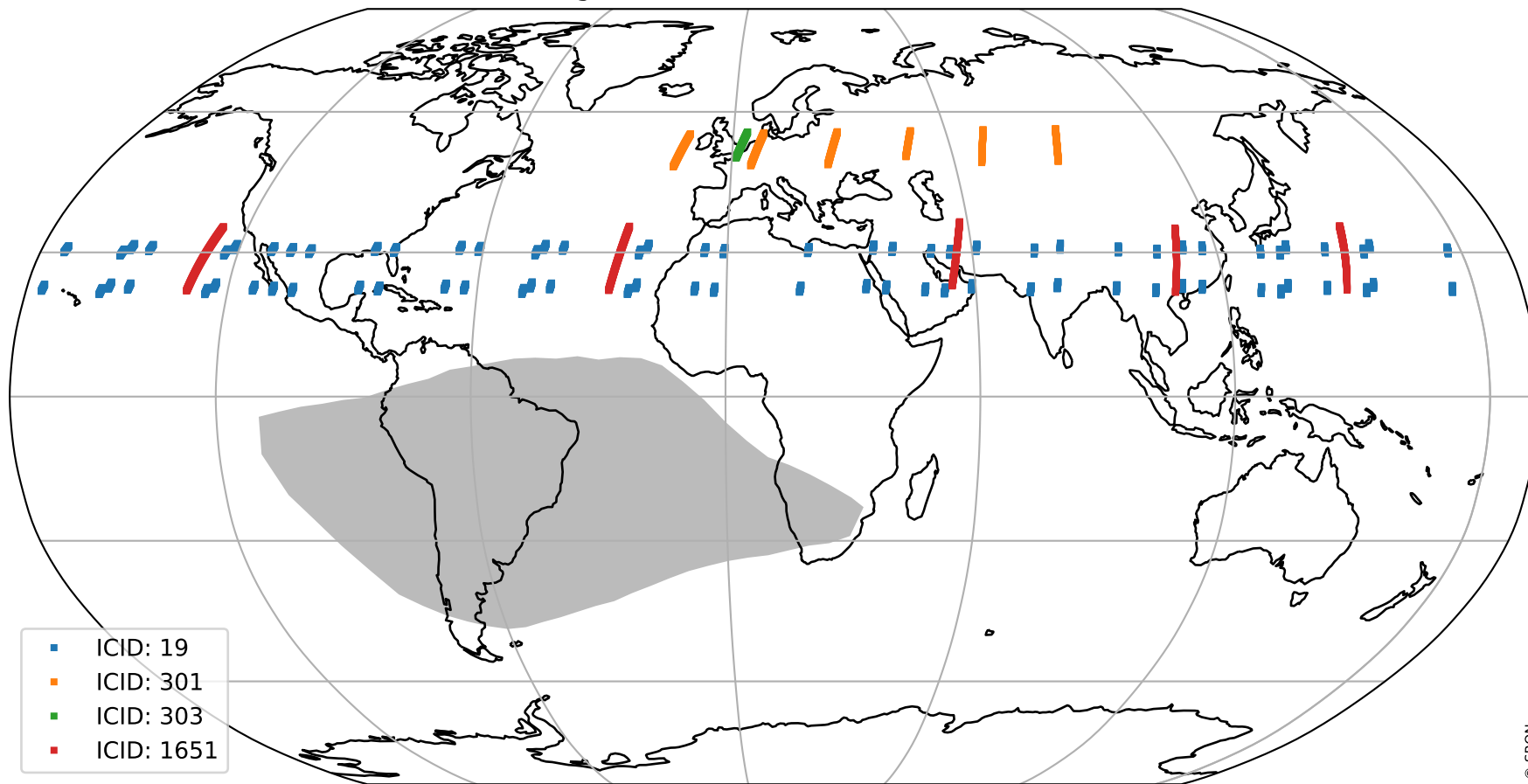
orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
median : 0.98296
spread : 0.15962
created : 2023-08-21T15:50:51

normalized read noise



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

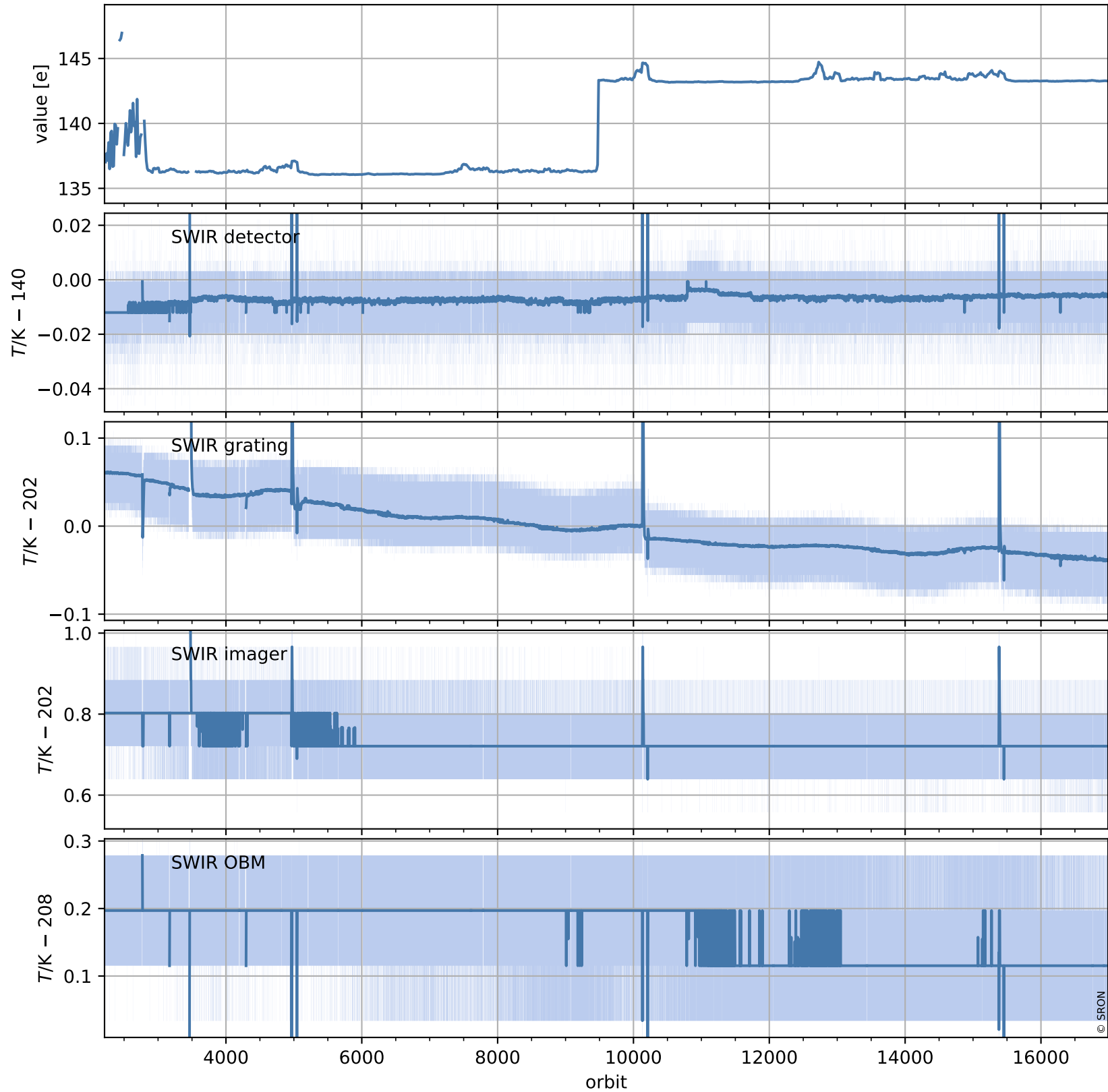
orbits : 12 in [16897, 16987]
coverage : 2021-01-16 / 2021-01-22
created : 2023-08-21T15:50:51



Tropomi SWIR background noise (swir)

orbits : [2212, 16987]
coverage : 2018-03-18 / 2021-01-22
created : 2023-08-21T15:50:52

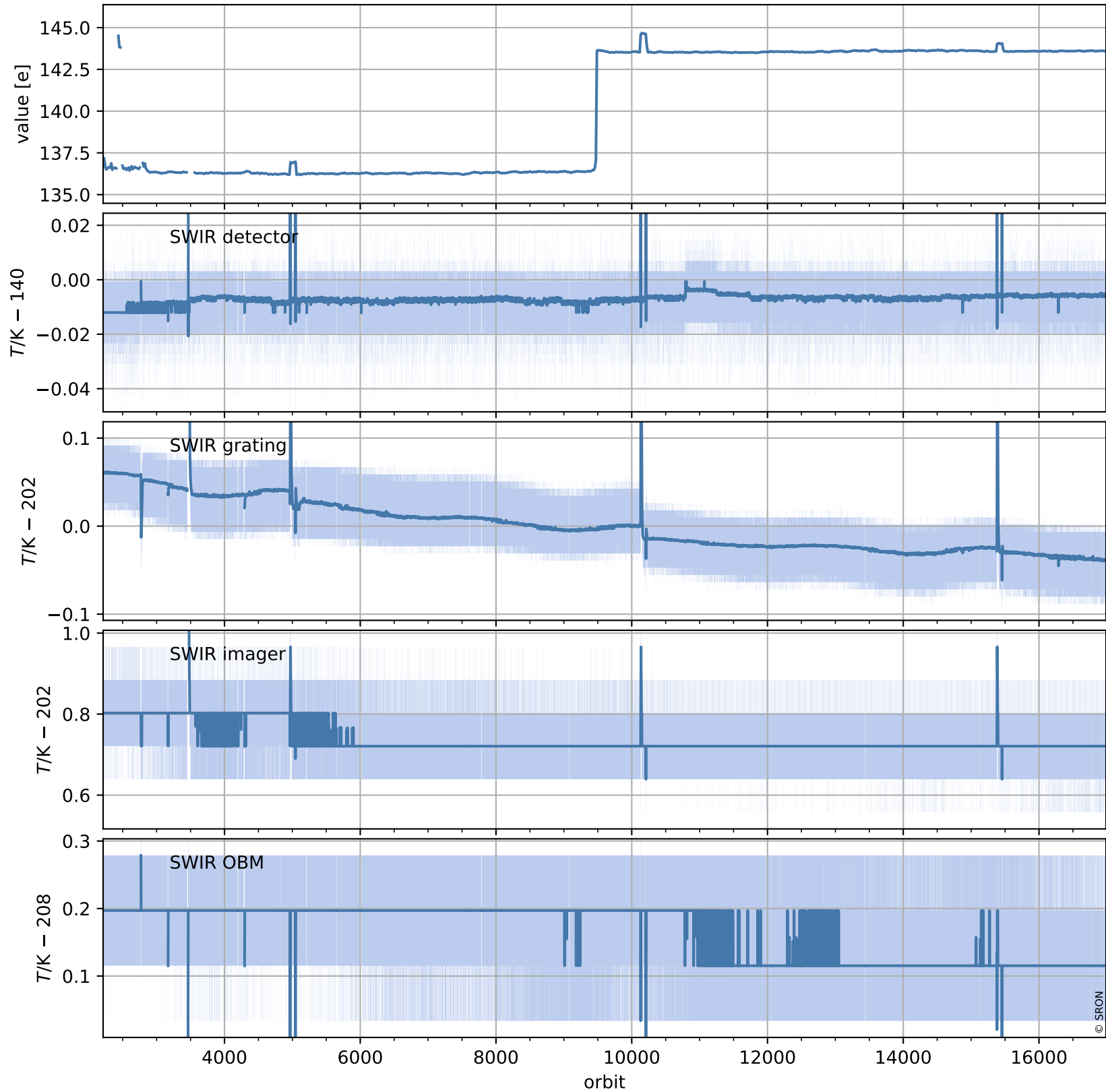
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16987]
coverage : 2018-03-18 / 2021-01-22
created : 2023-08-21T15:50:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16987]
coverage : 2018-03-18 / 2021-01-22
created : 2023-08-21T15:50:53

trend of normalized read-noise & temperatures

