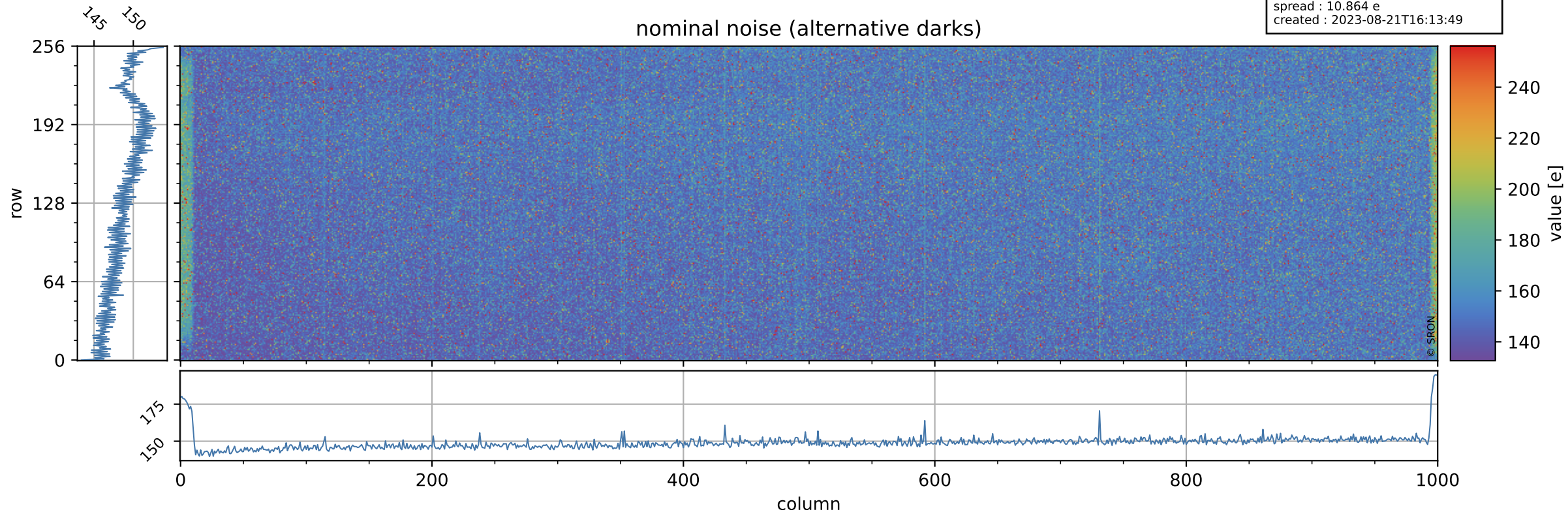


Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.864 e
created : 2023-08-21T16:13:49

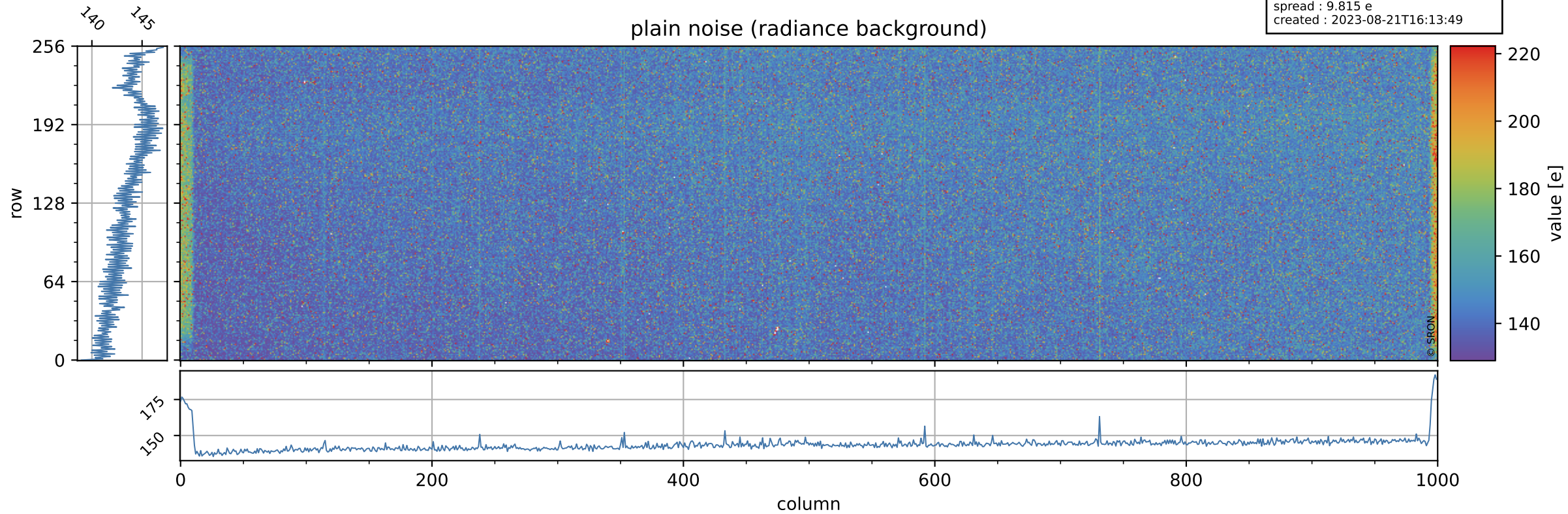
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.815 e
created : 2023-08-21T16:13:49

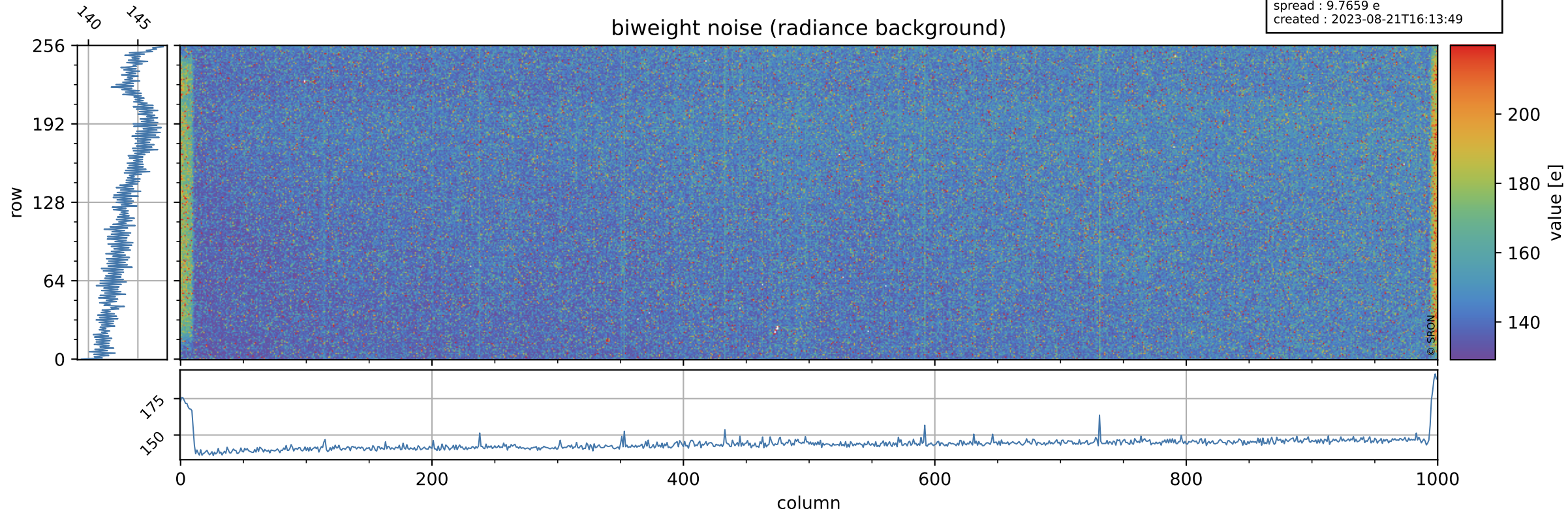
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.7659 e
created : 2023-08-21T16:13:49

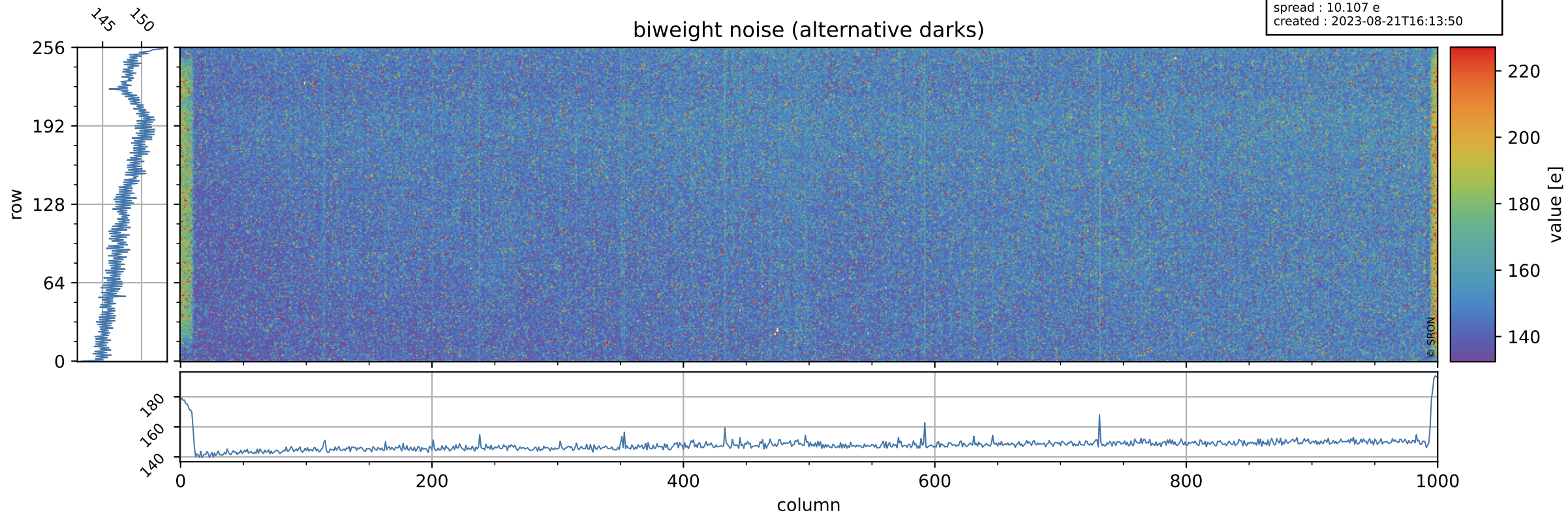
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.107 e
created : 2023-08-21T16:13:50

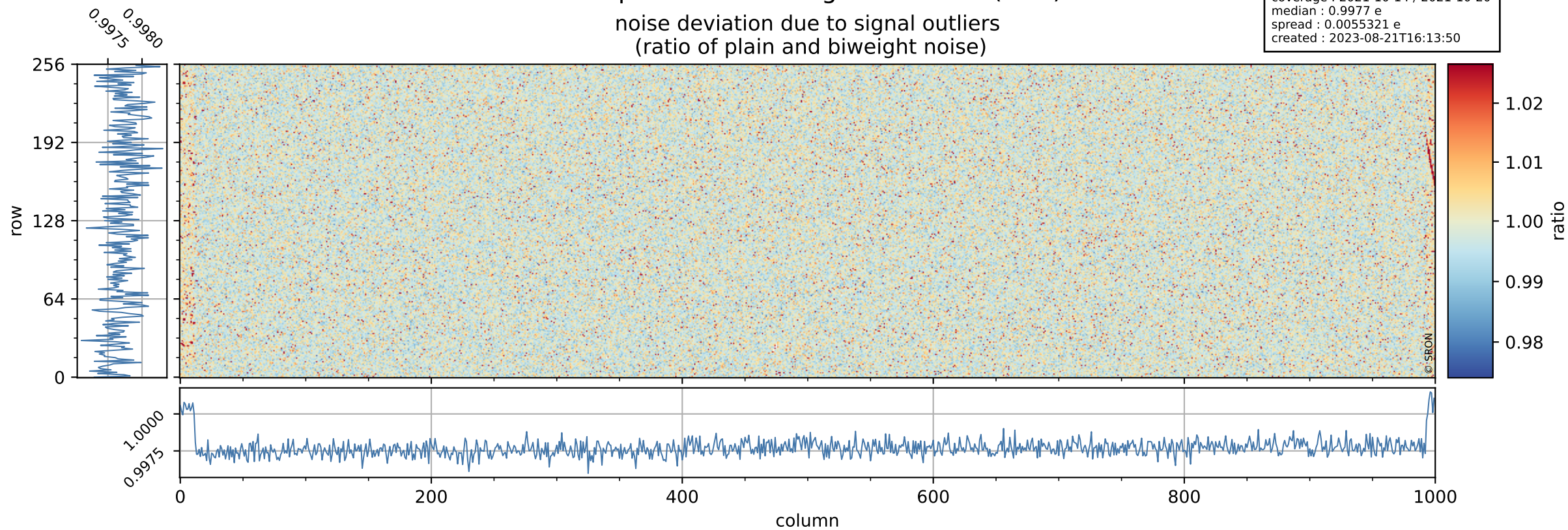
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

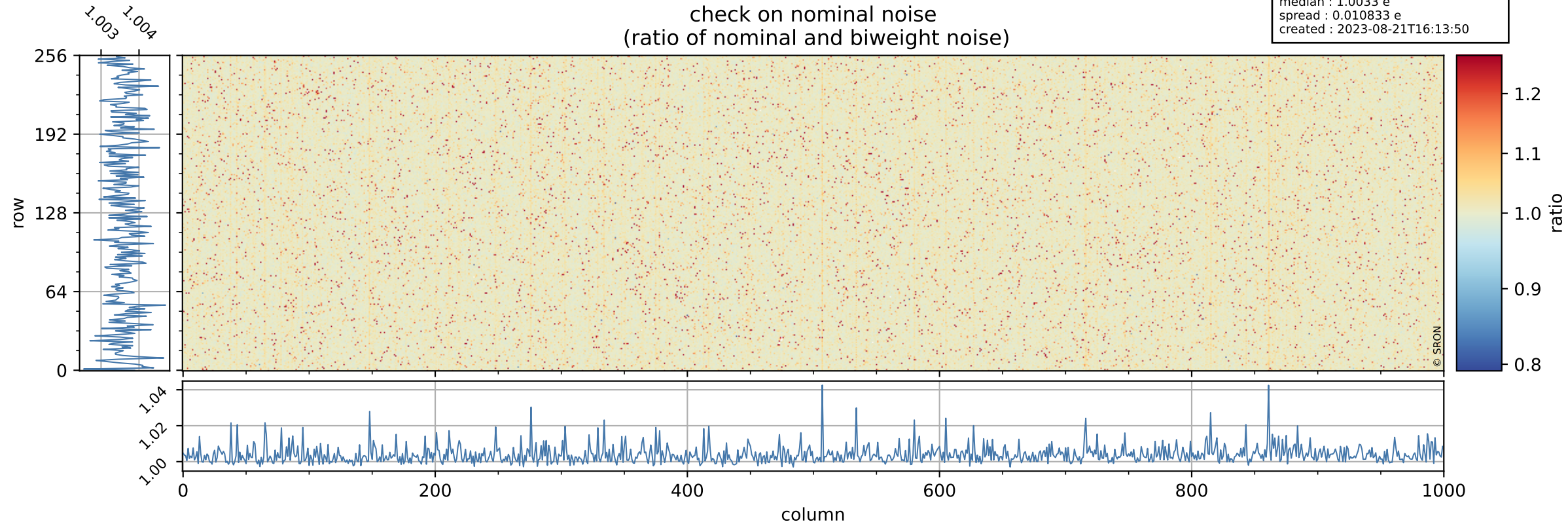
orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
median : 0.9977 e
spread : 0.0055321 e
created : 2023-08-21T16:13:50



Tropomi SWIR background noise (swir)

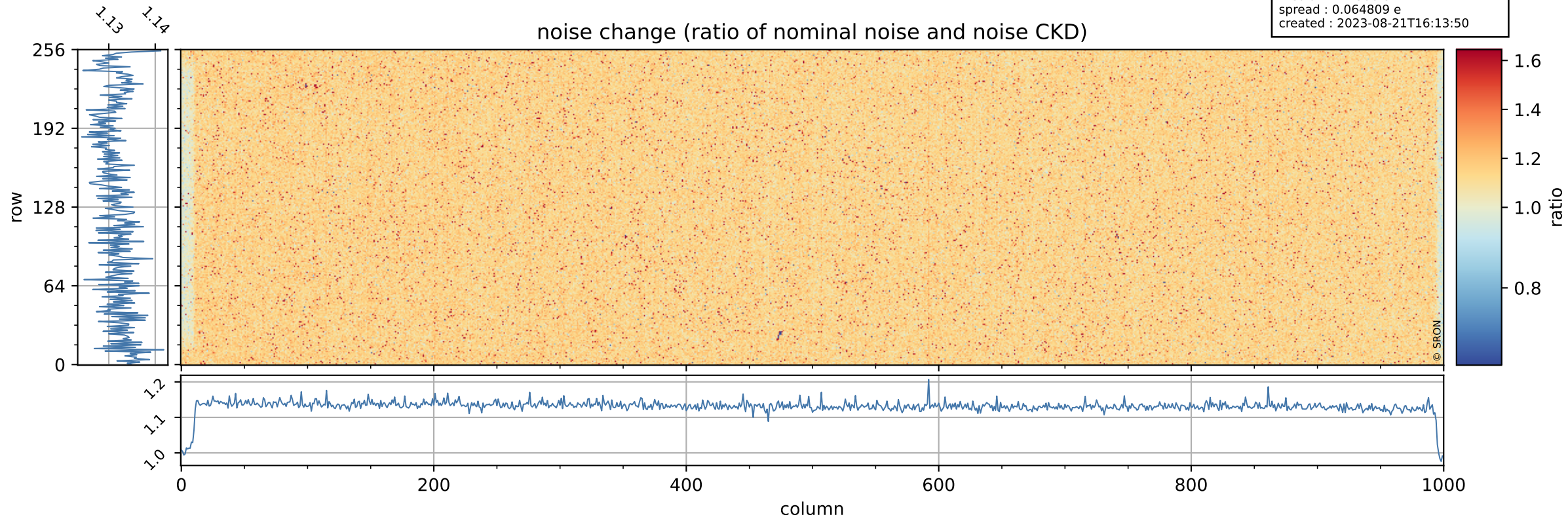
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
median : 1.0033 e
spread : 0.010833 e
created : 2023-08-21T16:13:50



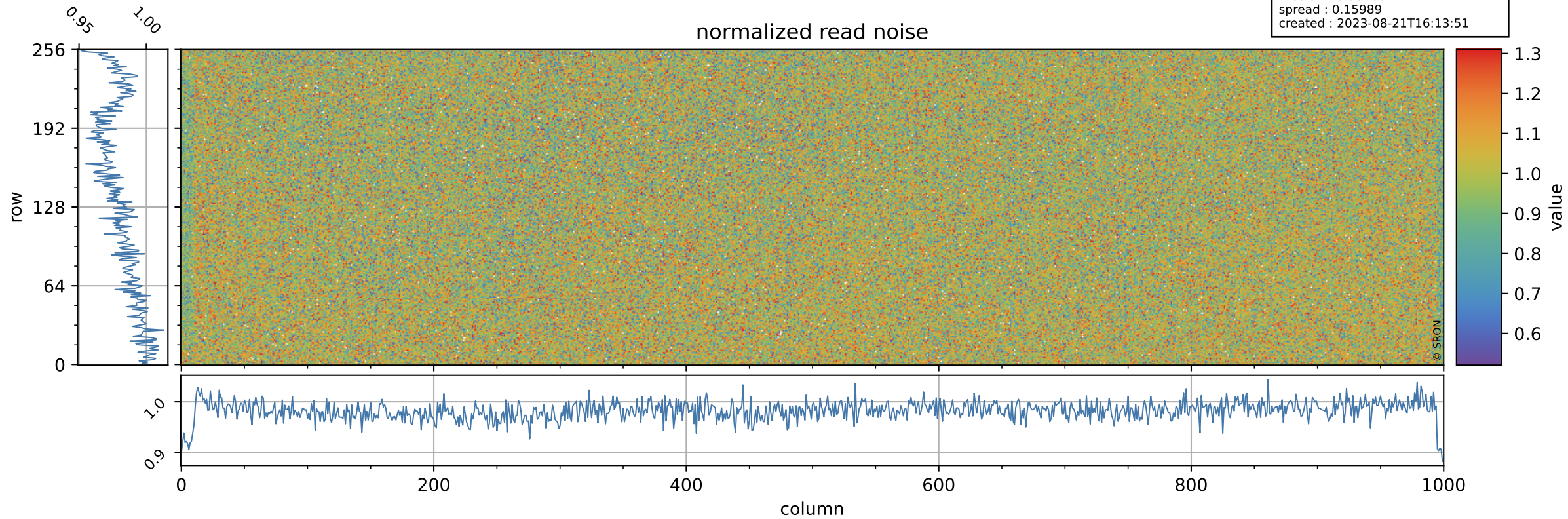
Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
median : 1.1306 e
spread : 0.064809 e
created : 2023-08-21T16:13:50



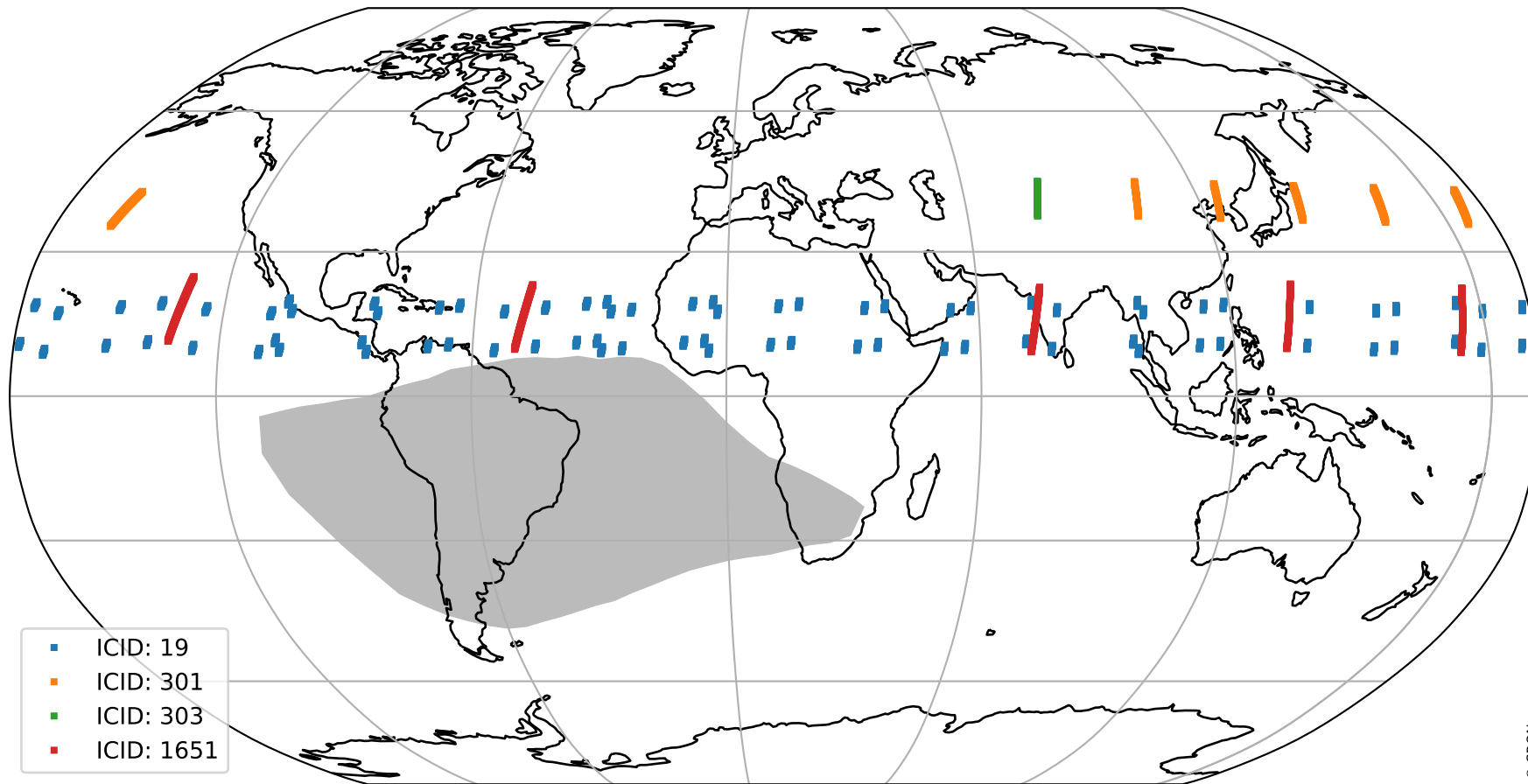
Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
median : 0.98108
spread : 0.15989
created : 2023-08-21T16:13:51



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

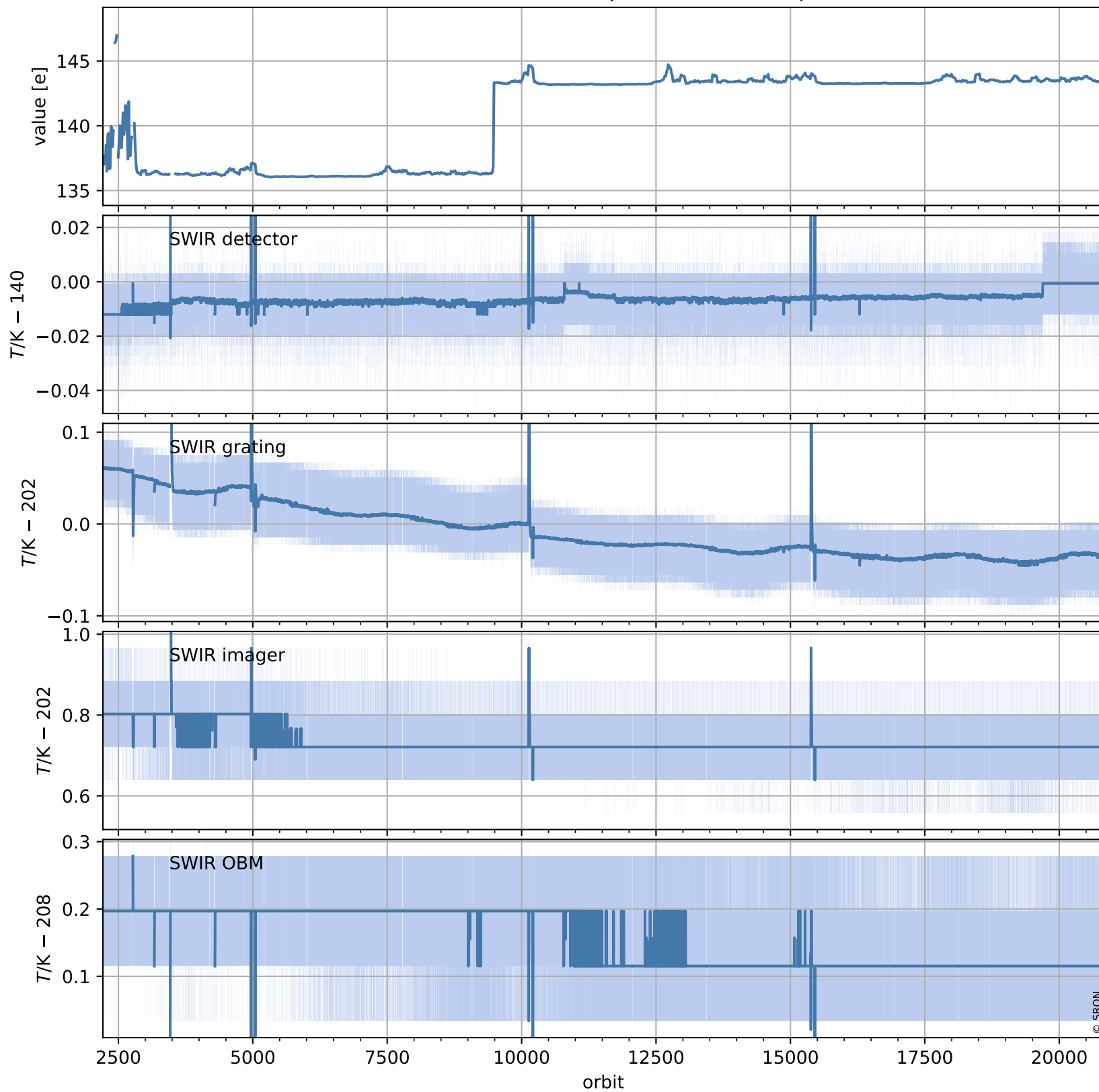
orbits : 12 in [20737, 20827]
coverage : 2021-10-14 / 2021-10-20
created : 2023-08-21T16:13:51



Tropomi SWIR background noise (swir)

orbits : [2212, 20827]
coverage : 2018-03-18 / 2021-10-20
created : 2023-08-21T16:13:52

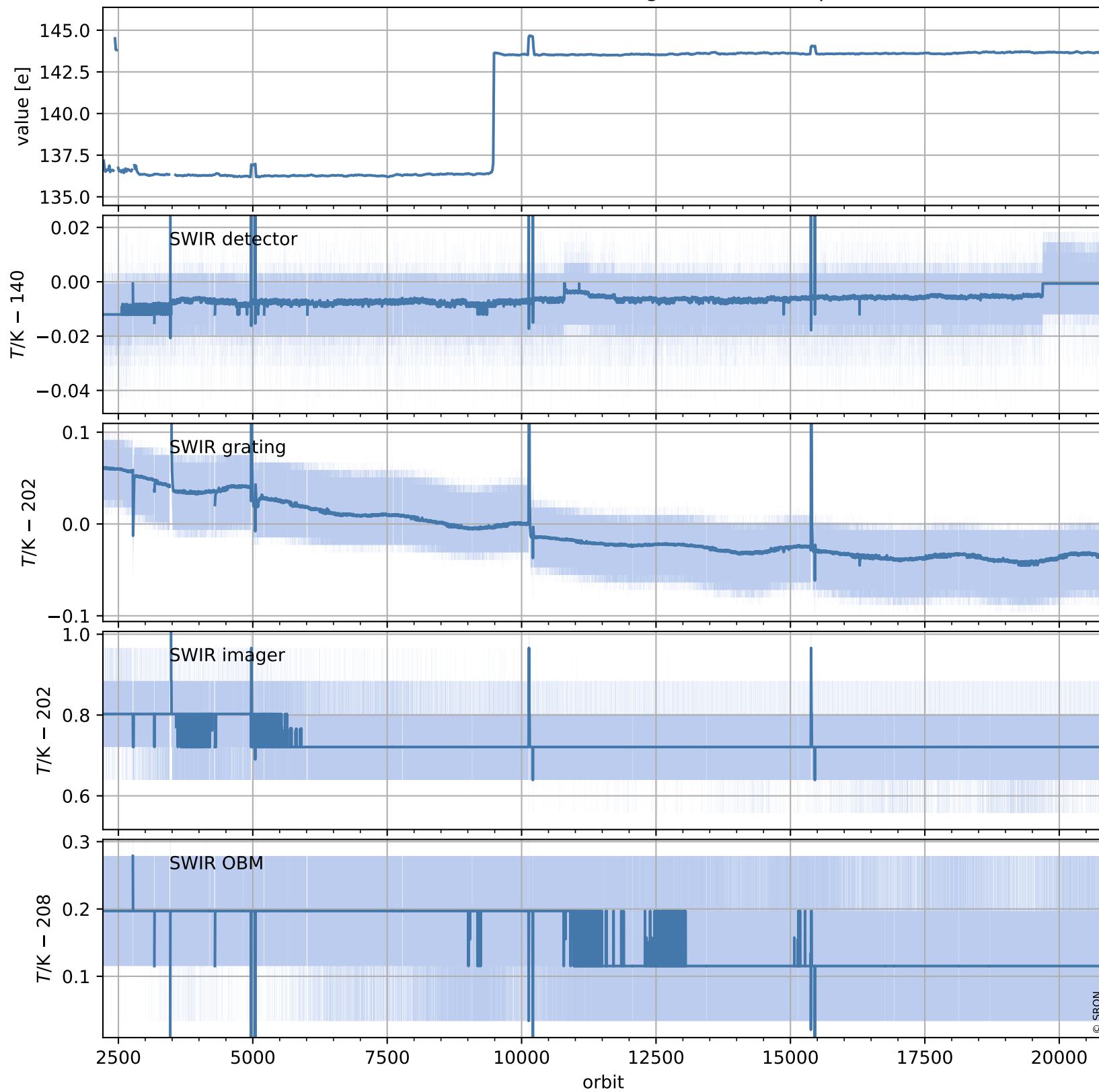
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20827]
coverage : 2018-03-18 / 2021-10-20
created : 2023-08-21T16:13:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20827]
coverage : 2018-03-18 / 2021-10-20
created : 2023-08-21T16:13:53

trend of normalized read-noise & temperatures

