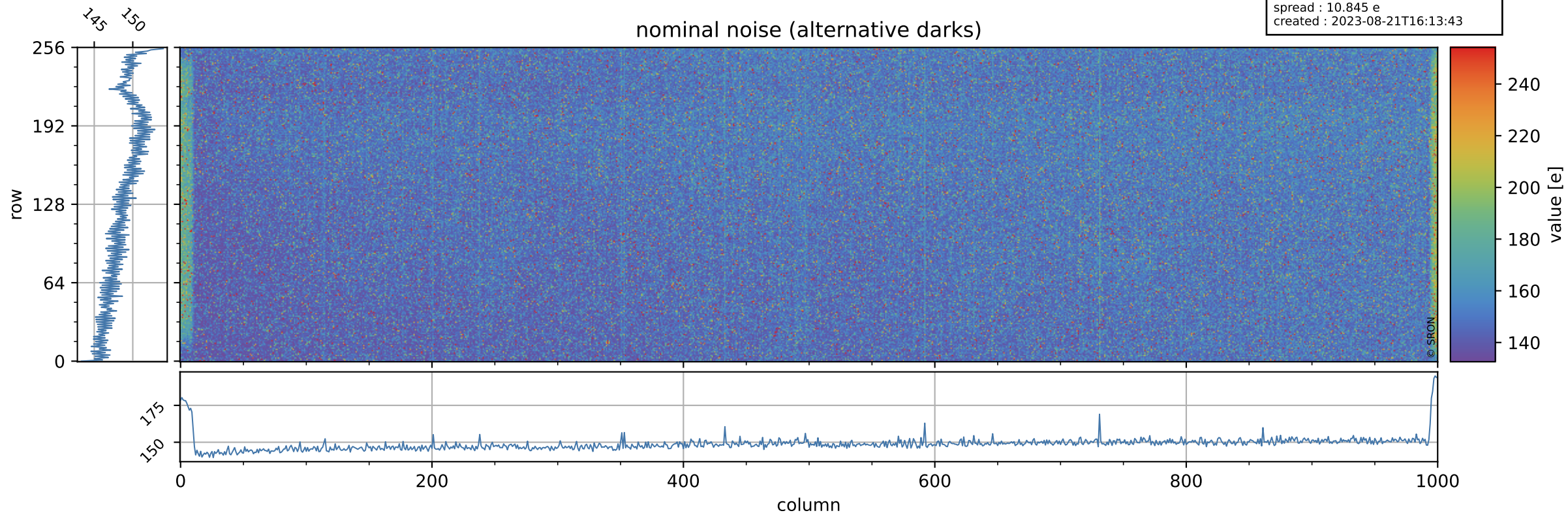


Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
n_coad, t_exp : 1, 1.0783
median : 148.66 e
spread : 10.845 e
created : 2023-08-21T16:13:43

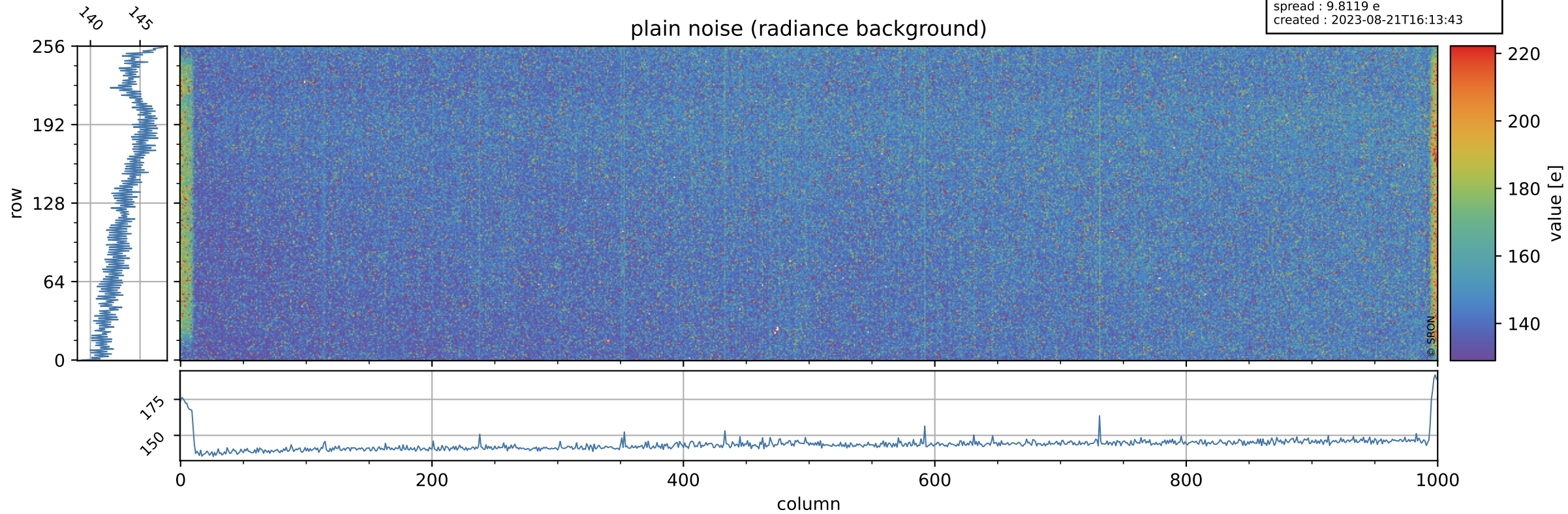
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8119 e
created : 2023-08-21T16:13:43

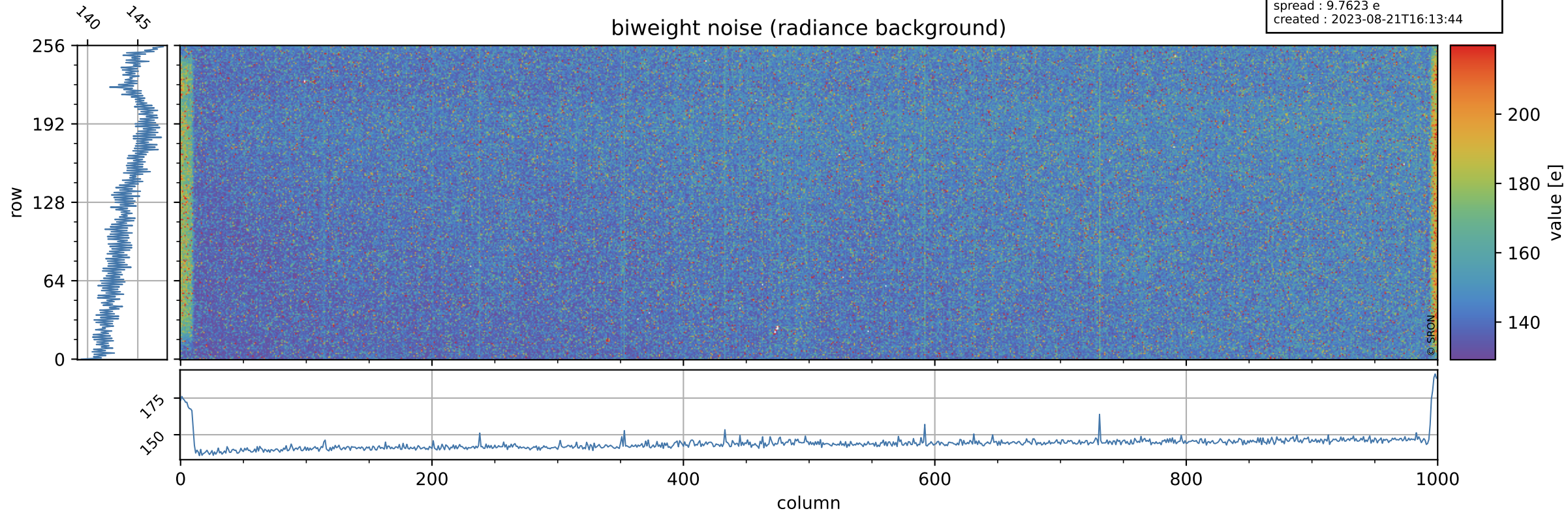
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7623 e
created : 2023-08-21T16:13:44

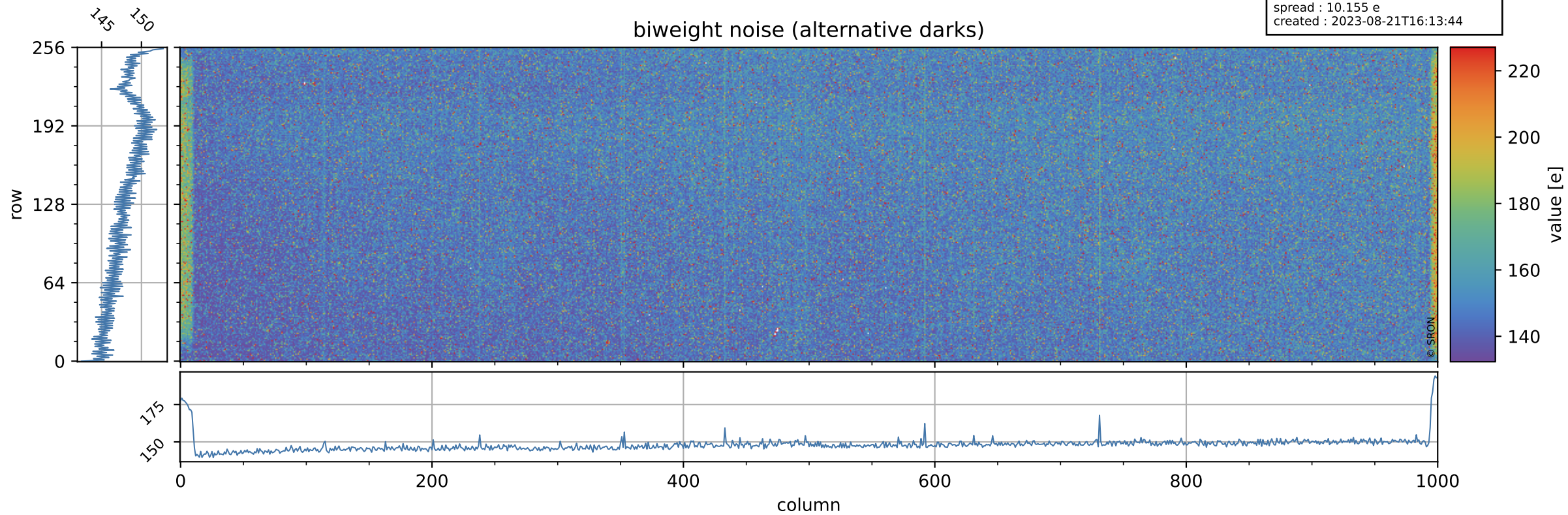
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.155 e
created : 2023-08-21T16:13:44

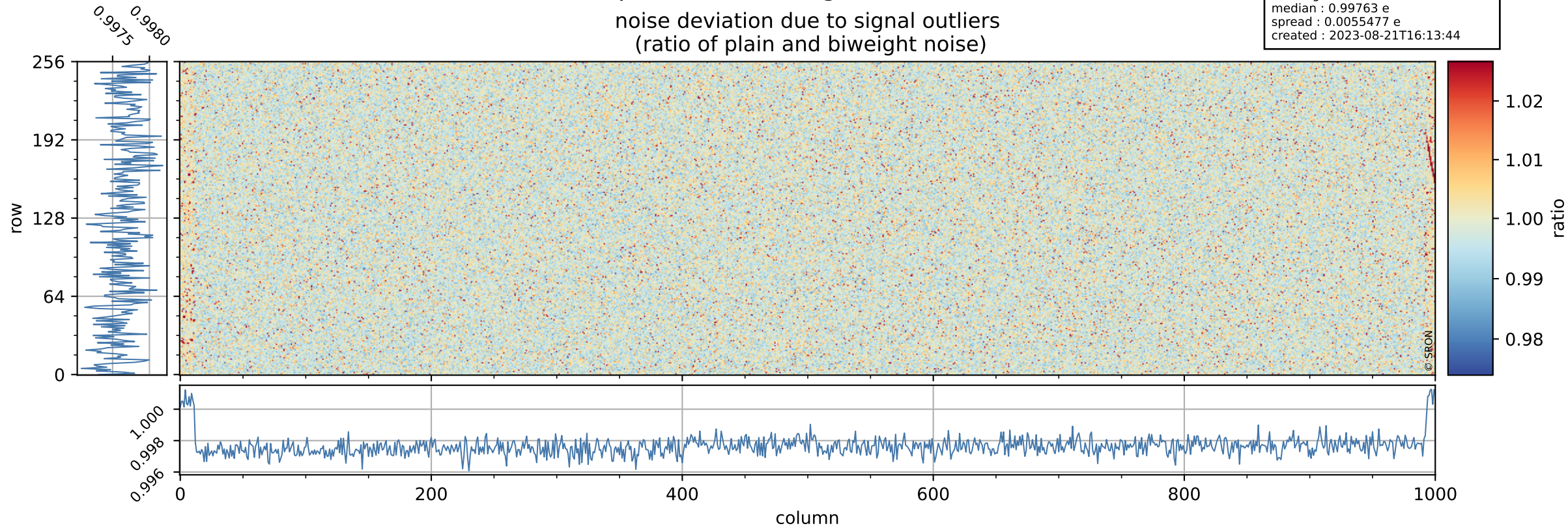
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

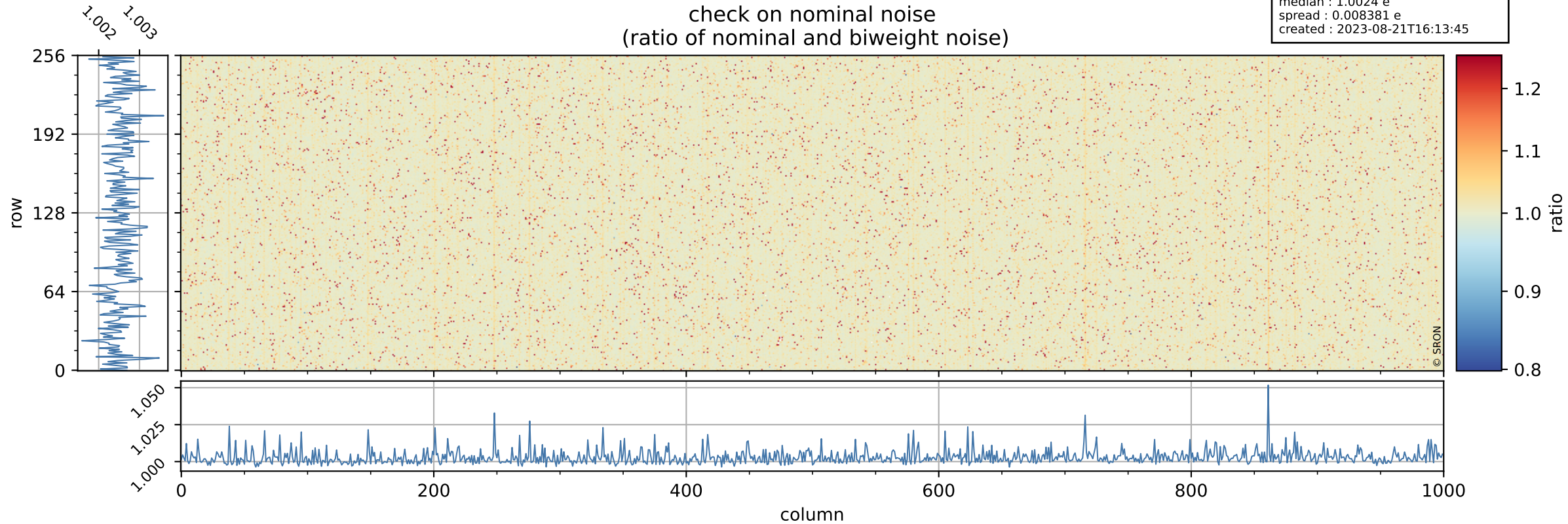
orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
median : 0.99763 e
spread : 0.0055477 e
created : 2023-08-21T16:13:44



Tropomi SWIR background noise (swir)

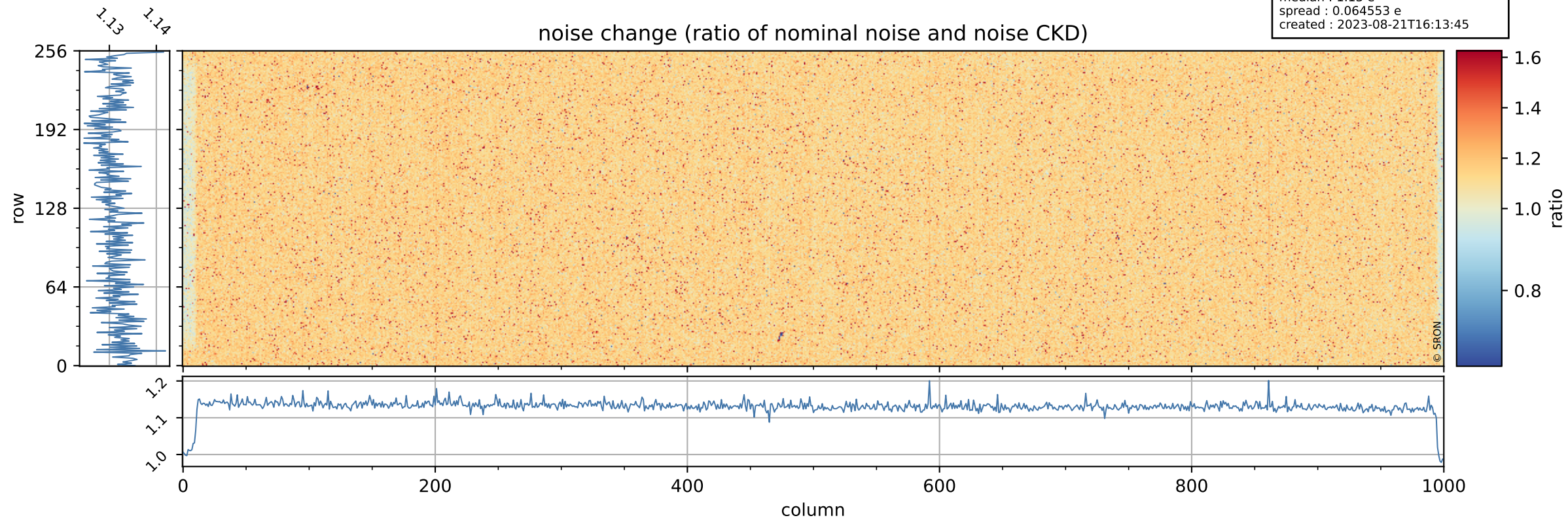
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
median : 1.0024 e
spread : 0.008381 e
created : 2023-08-21T16:13:45



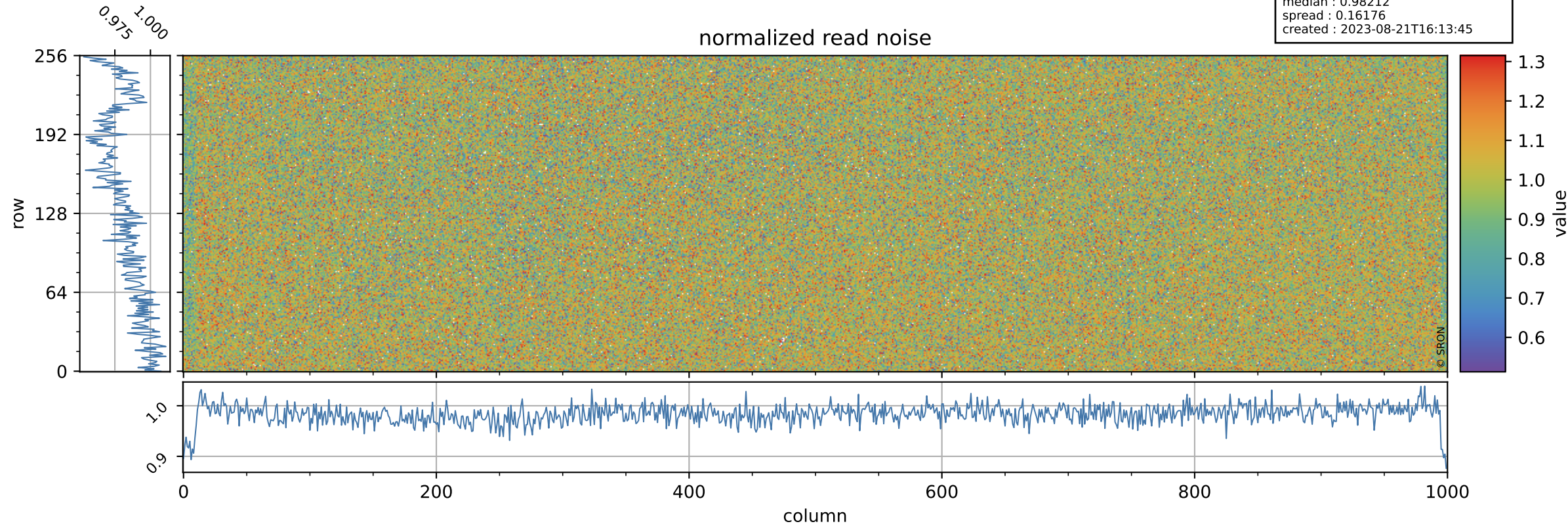
Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
median : 1.13 e
spread : 0.064553 e
created : 2023-08-21T16:13:45



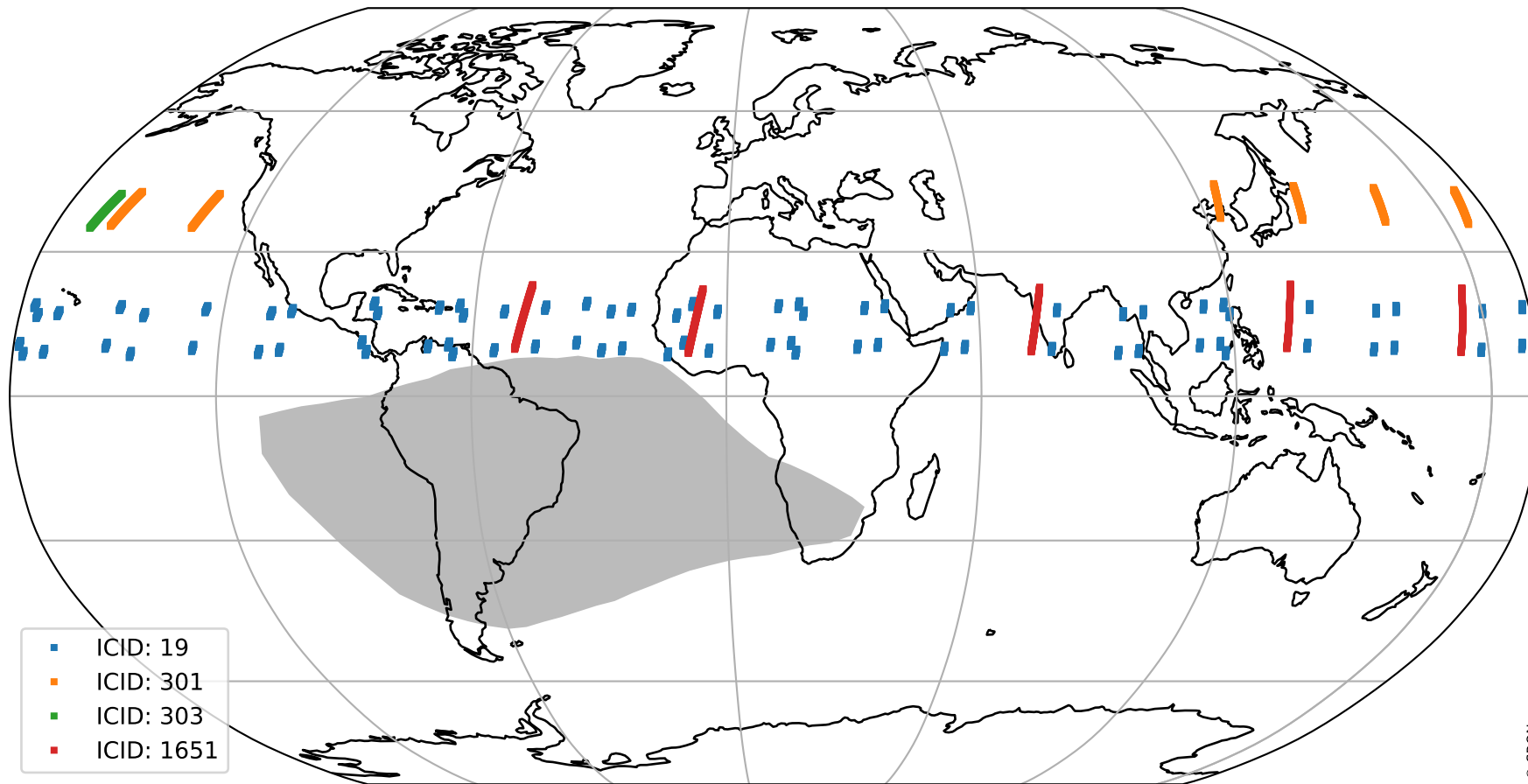
Tropomi SWIR background noise (swir)

orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
median : 0.98212
spread : 0.16176
created : 2023-08-21T16:13:45



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

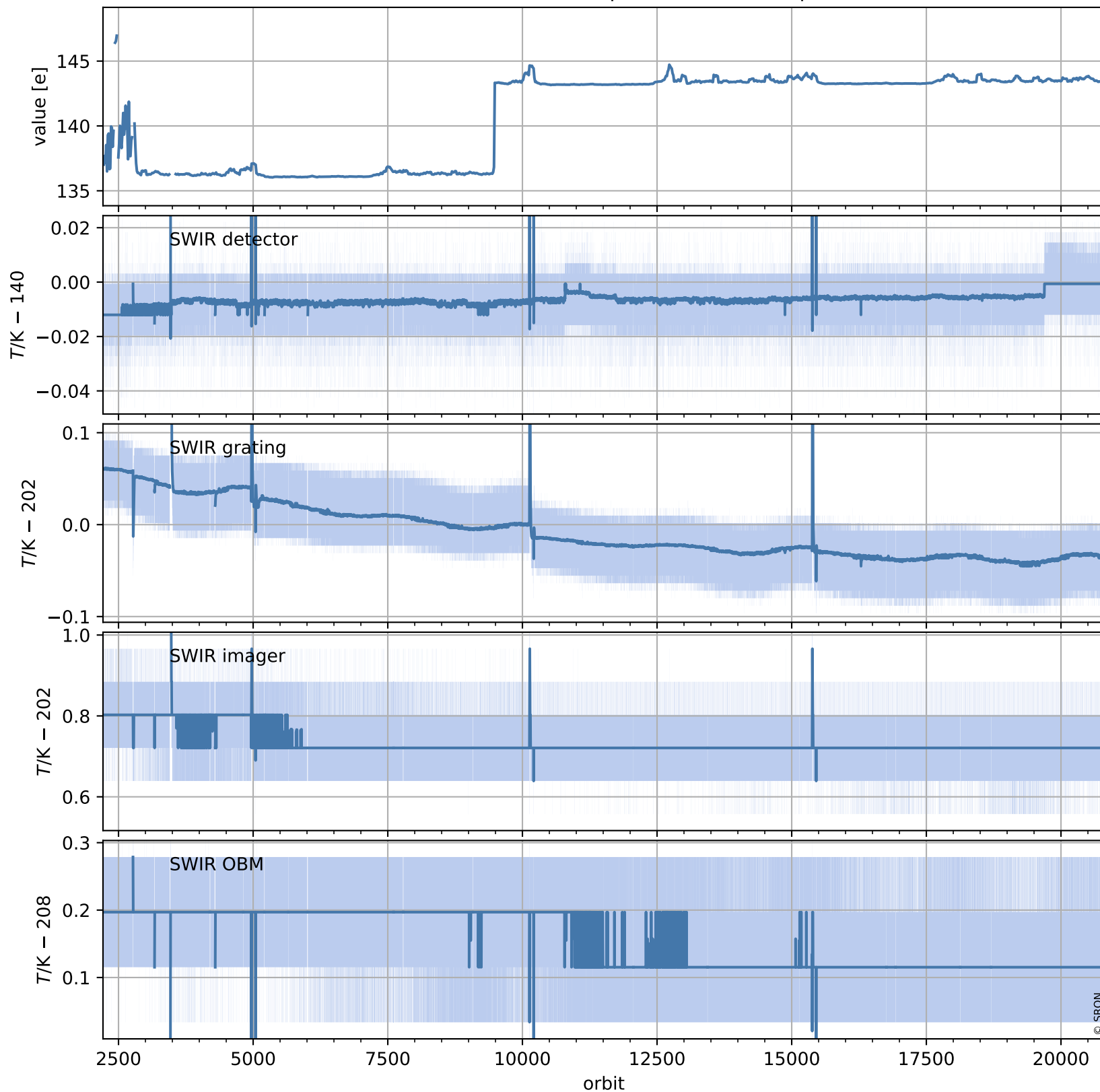
orbits : 12 in [20737, 20812]
coverage : 2021-10-13 / 2021-10-18
created : 2023-08-21T16:13:46



Tropomi SWIR background noise (swir)

orbits : [2212, 20812]
coverage : 2018-03-18 / 2021-10-18
created : 2023-08-21T16:13:46

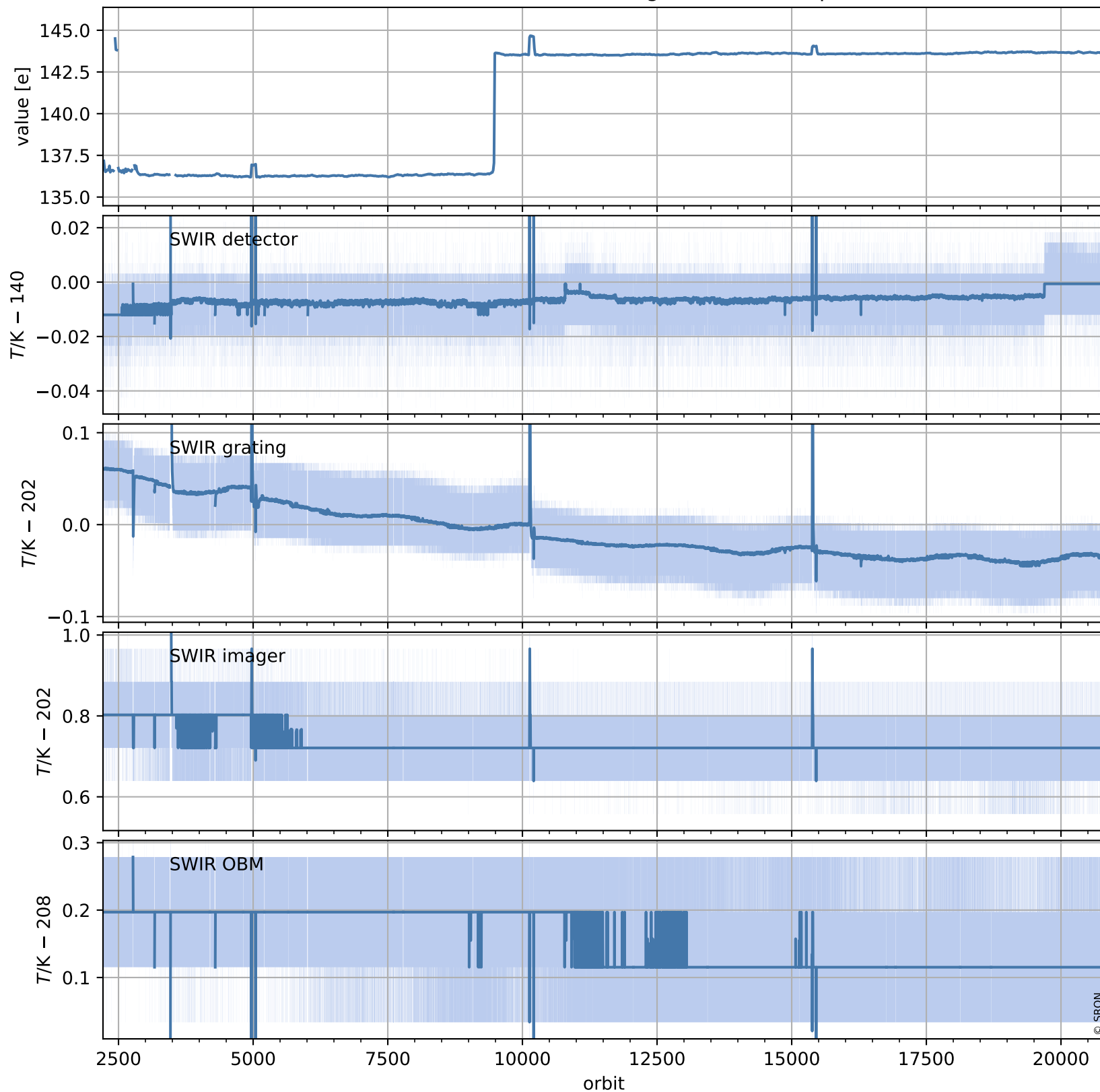
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20812]
coverage : 2018-03-18 / 2021-10-18
created : 2023-08-21T16:13:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20812]
coverage : 2018-03-18 / 2021-10-18
created : 2023-08-21T16:13:48

trend of normalized read-noise & temperatures

