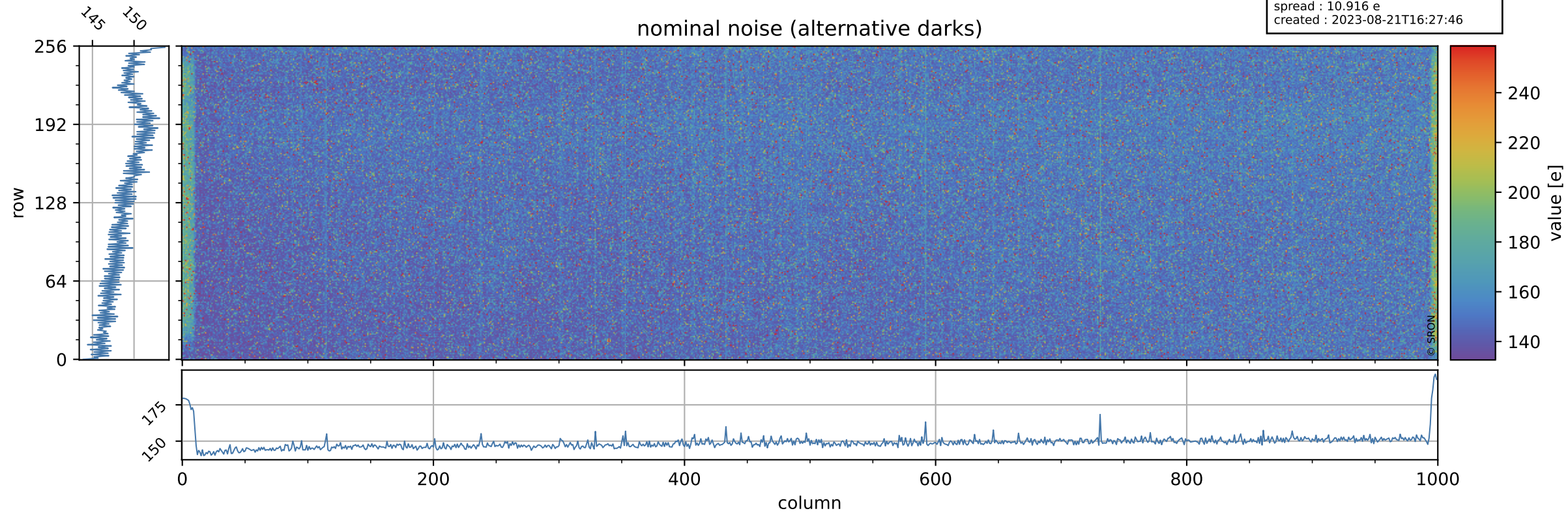


Tropomi SWIR background noise (swir)

orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.916 e
created : 2023-08-21T16:27:46

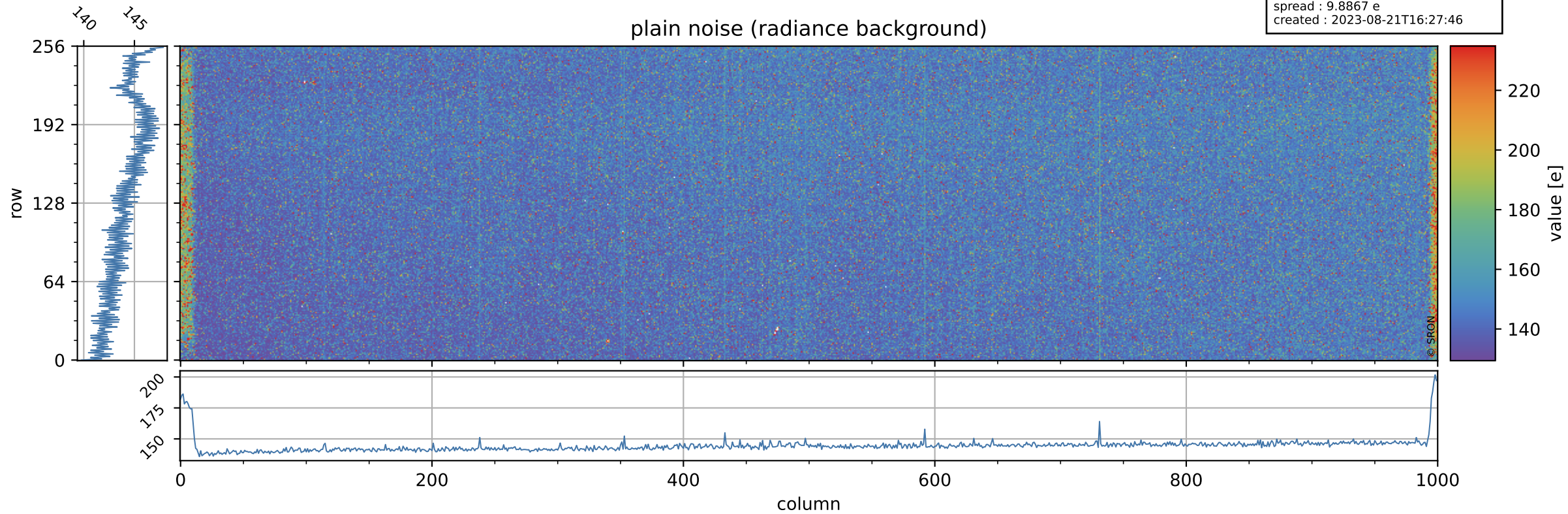
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
n_coad, t_exp : 1, 0.8383
median : 144 e
spread : 9.8867 e
created : 2023-08-21T16:27:46

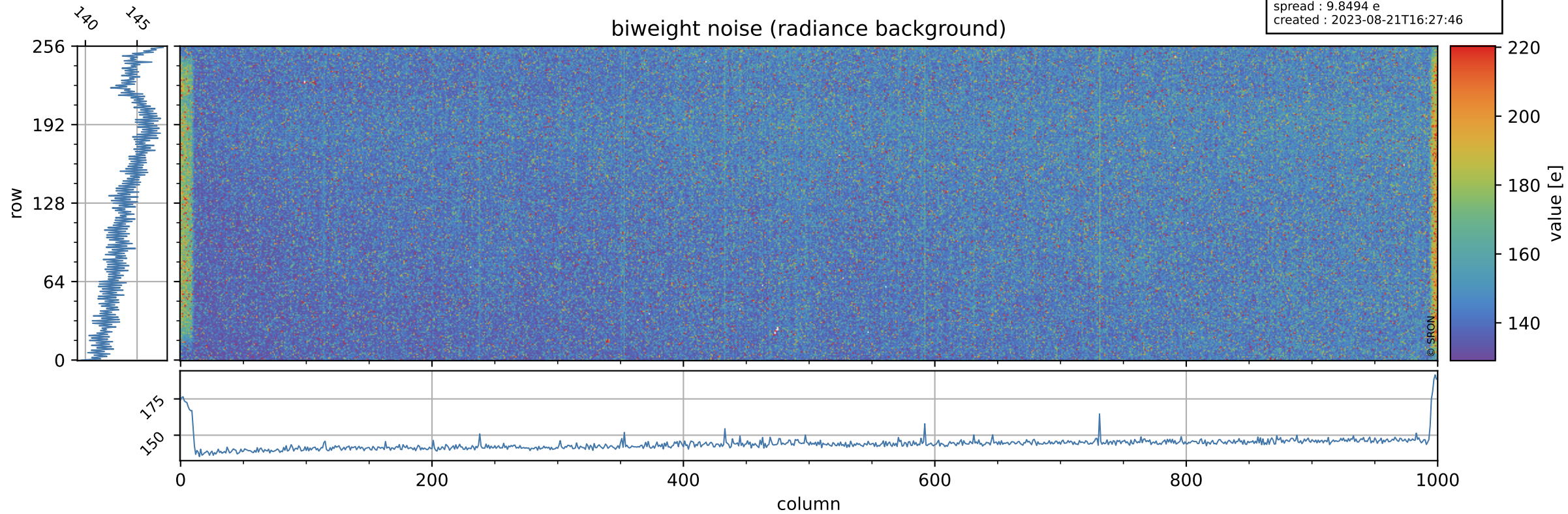
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8494 e
created : 2023-08-21T16:27:46

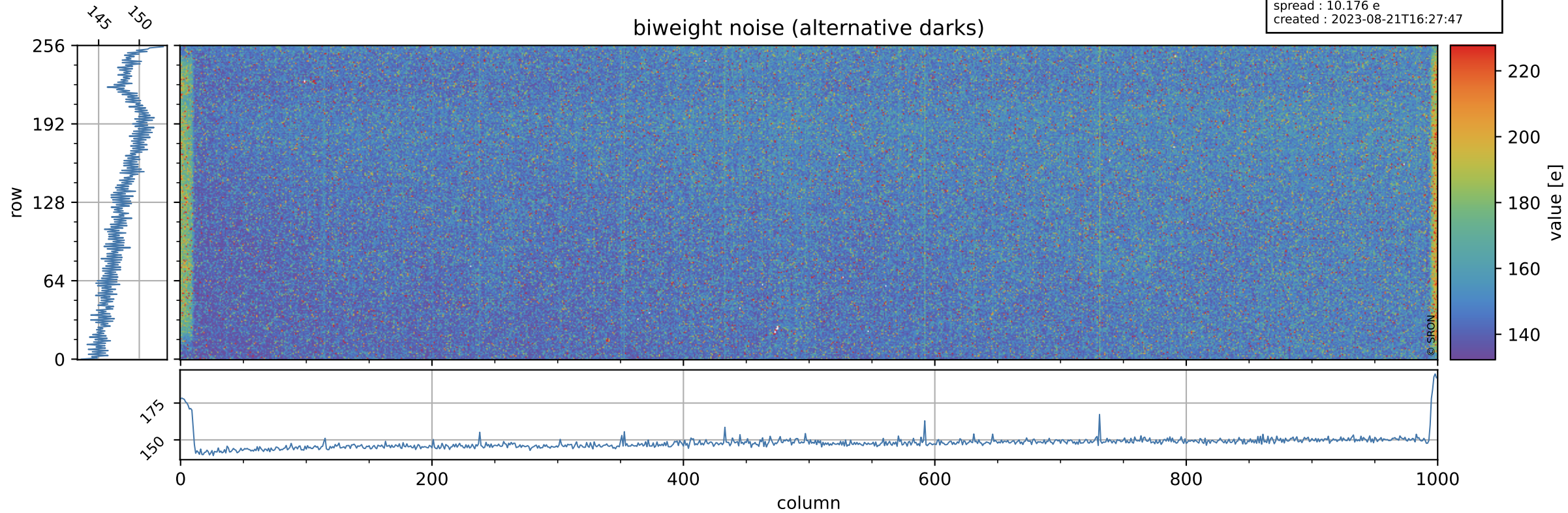
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.176 e
created : 2023-08-21T16:27:47

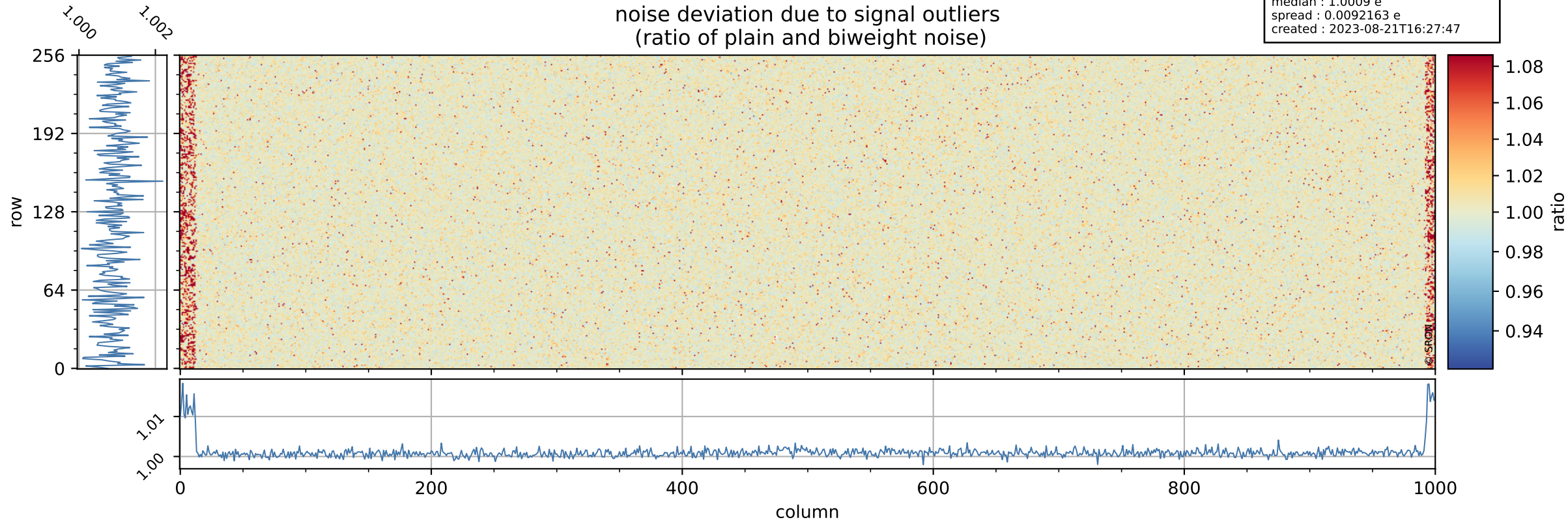
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

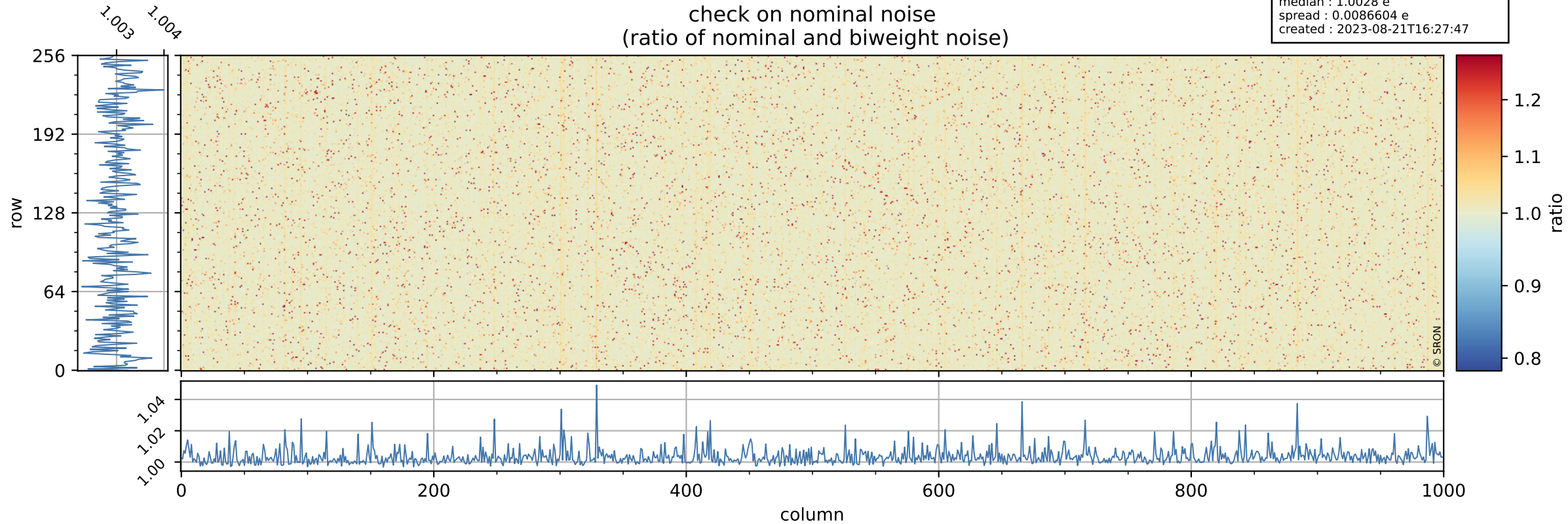
orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
median : 1.0009 e
spread : 0.0092163 e
created : 2023-08-21T16:27:47



Tropomi SWIR background noise (swir)

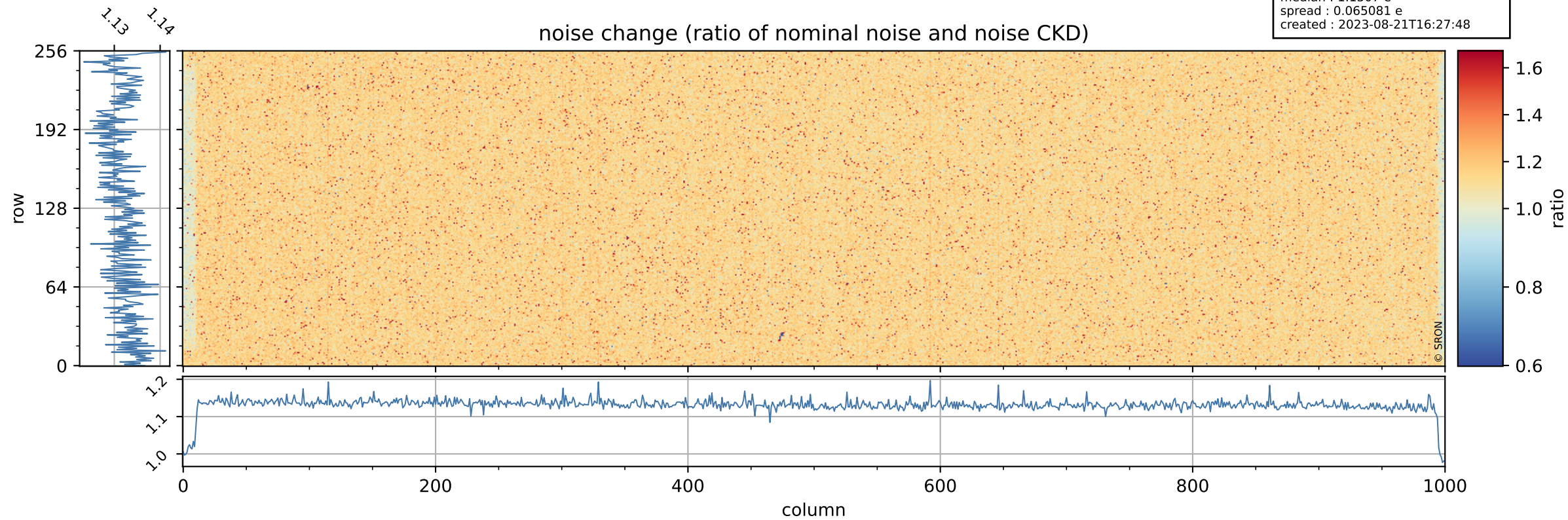
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
median : 1.0028 e
spread : 0.0086604 e
created : 2023-08-21T16:27:47



Tropomi SWIR background noise (swir)

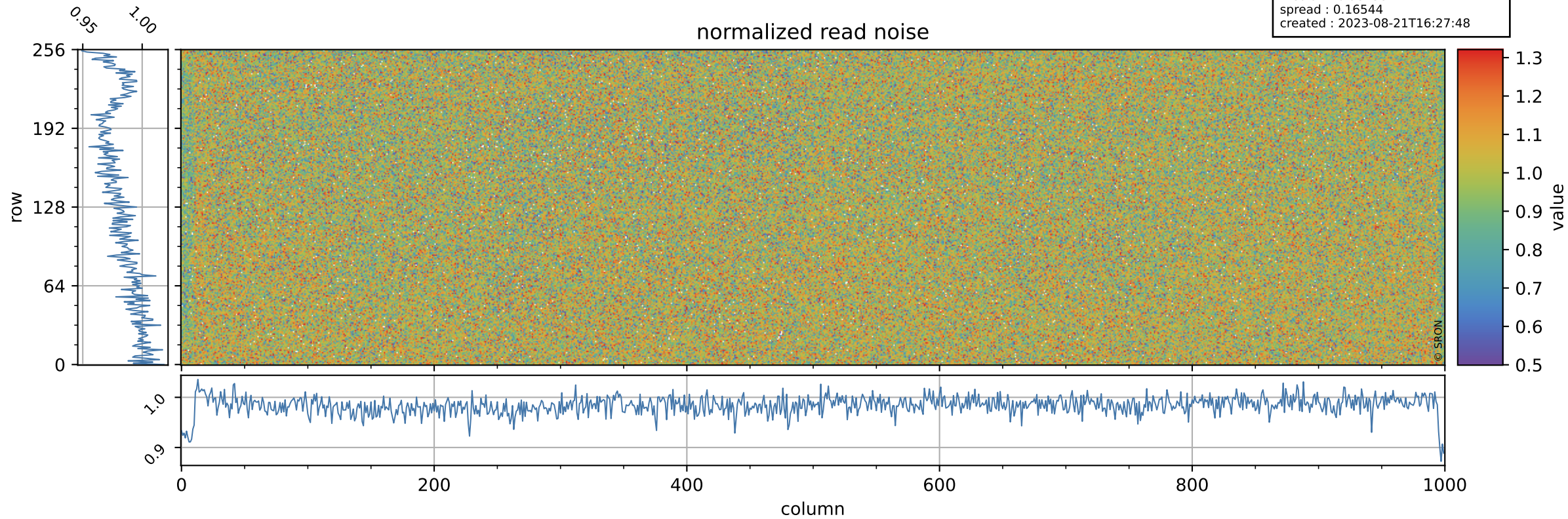
orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
median : 1.1307 e
spread : 0.065081 e
created : 2023-08-21T16:27:48



Tropomi SWIR background noise (swir)

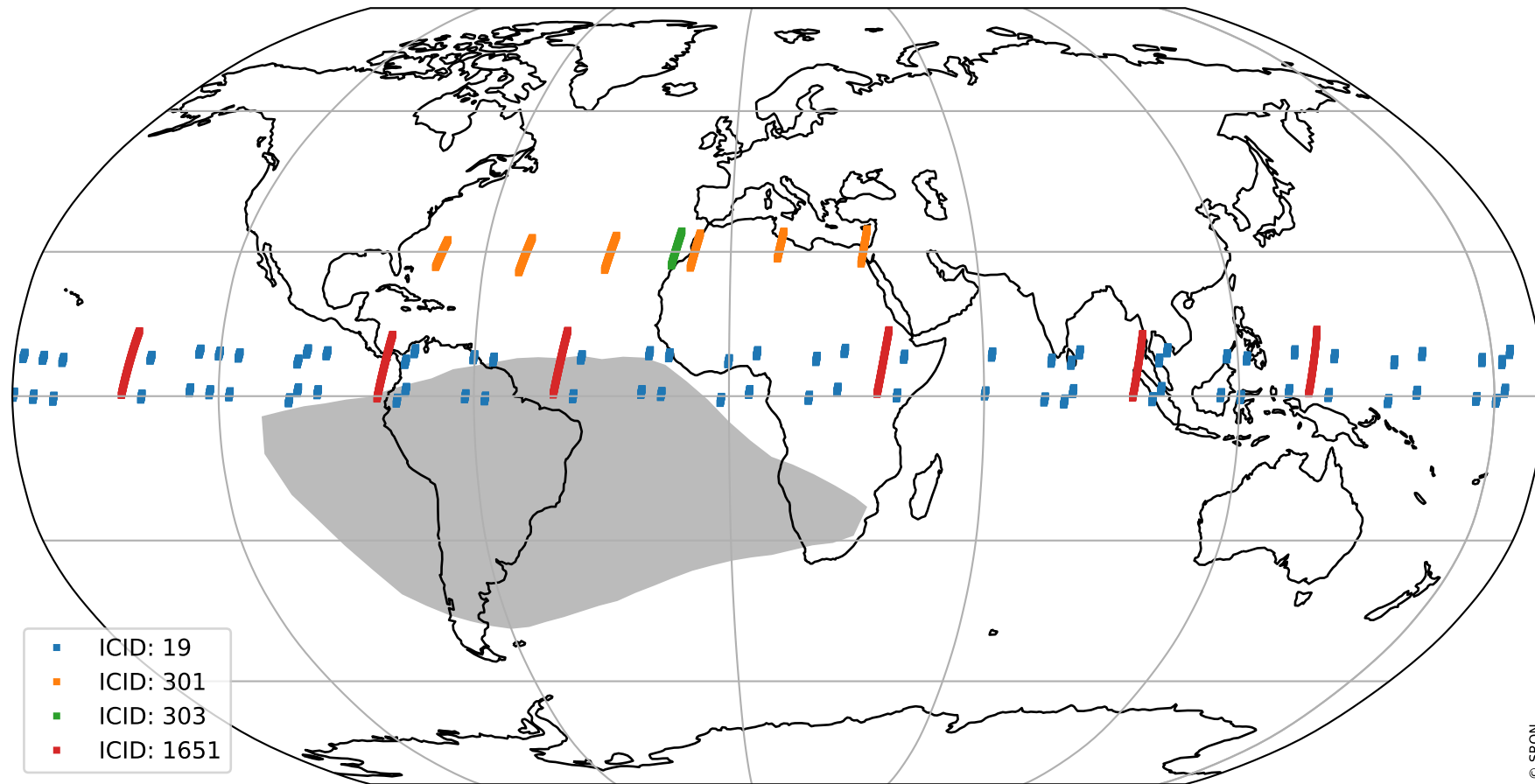
orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
median : 0.98258
spread : 0.16544
created : 2023-08-21T16:27:48

normalized read noise



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

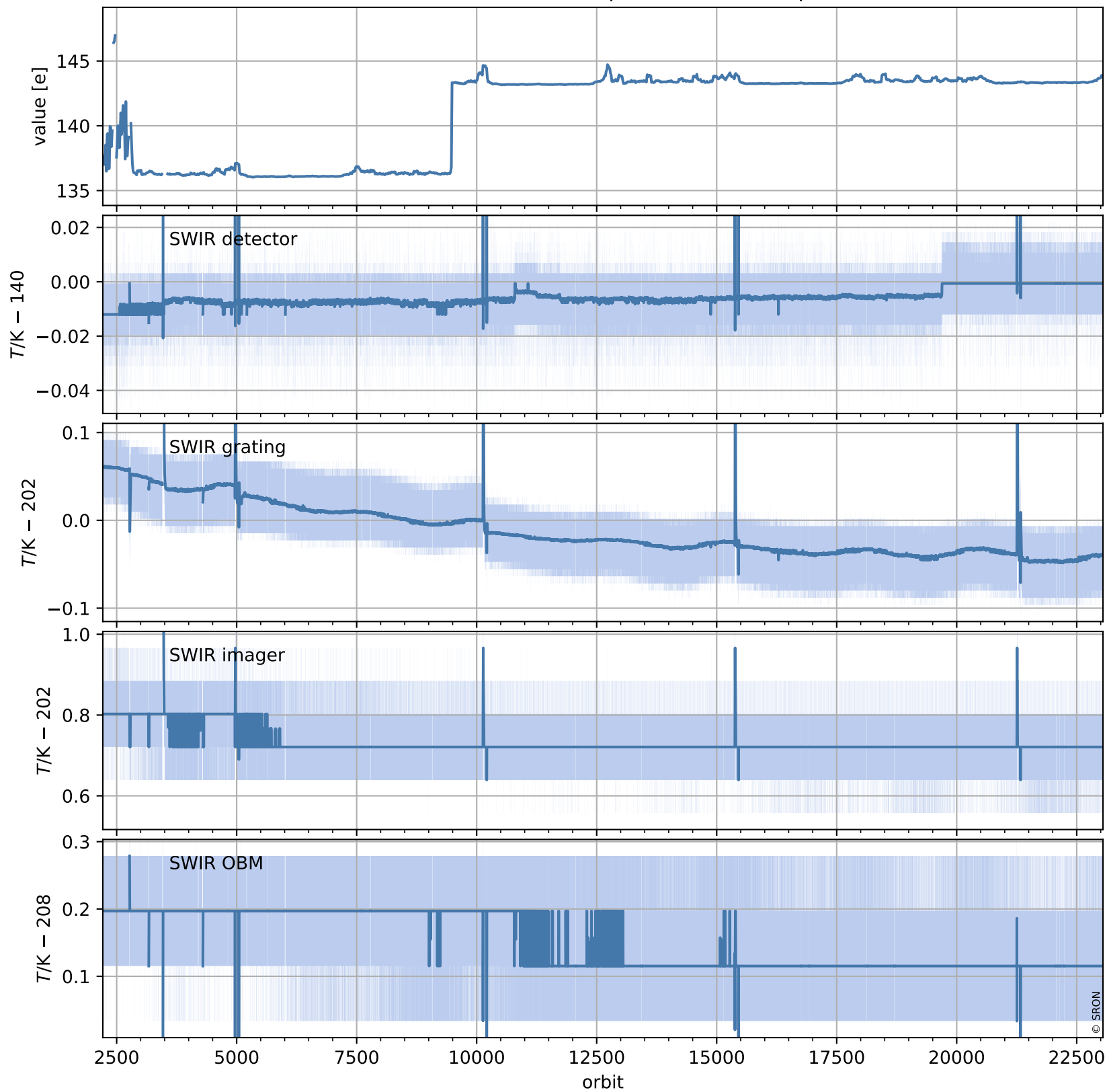
orbits : 13 in [22972, 23047]
coverage : 2022-03-19 / 2022-03-25
created : 2023-08-21T16:27:48



Tropomi SWIR background noise (swir)

orbits : [2212, 23047]
coverage : 2018-03-18 / 2022-03-25
created : 2023-08-21T16:27:49

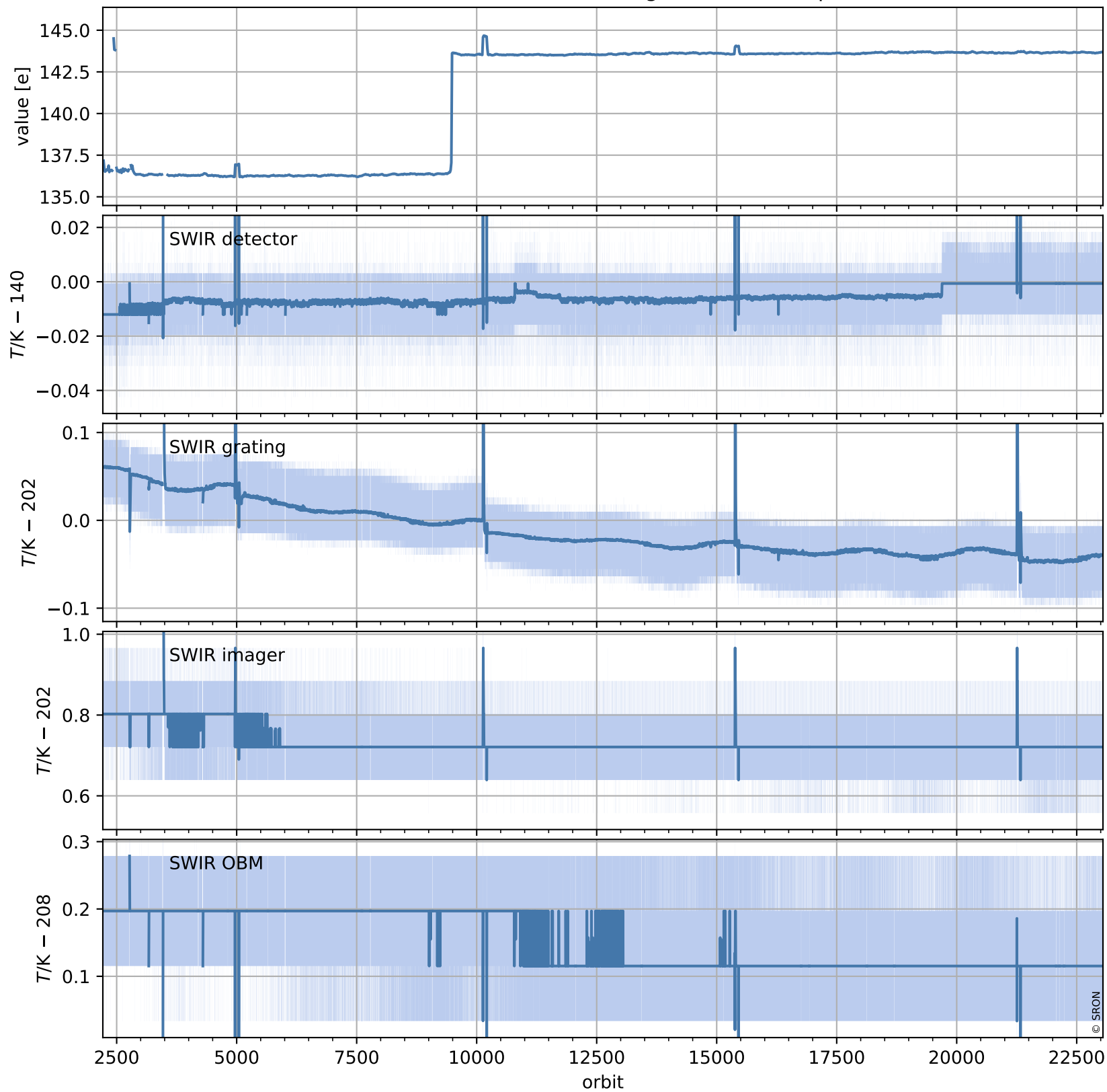
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23047]
coverage : 2018-03-18 / 2022-03-25
created : 2023-08-21T16:27:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23047]
coverage : 2018-03-18 / 2022-03-25
created : 2023-08-21T16:27:51

trend of normalized read-noise & temperatures

