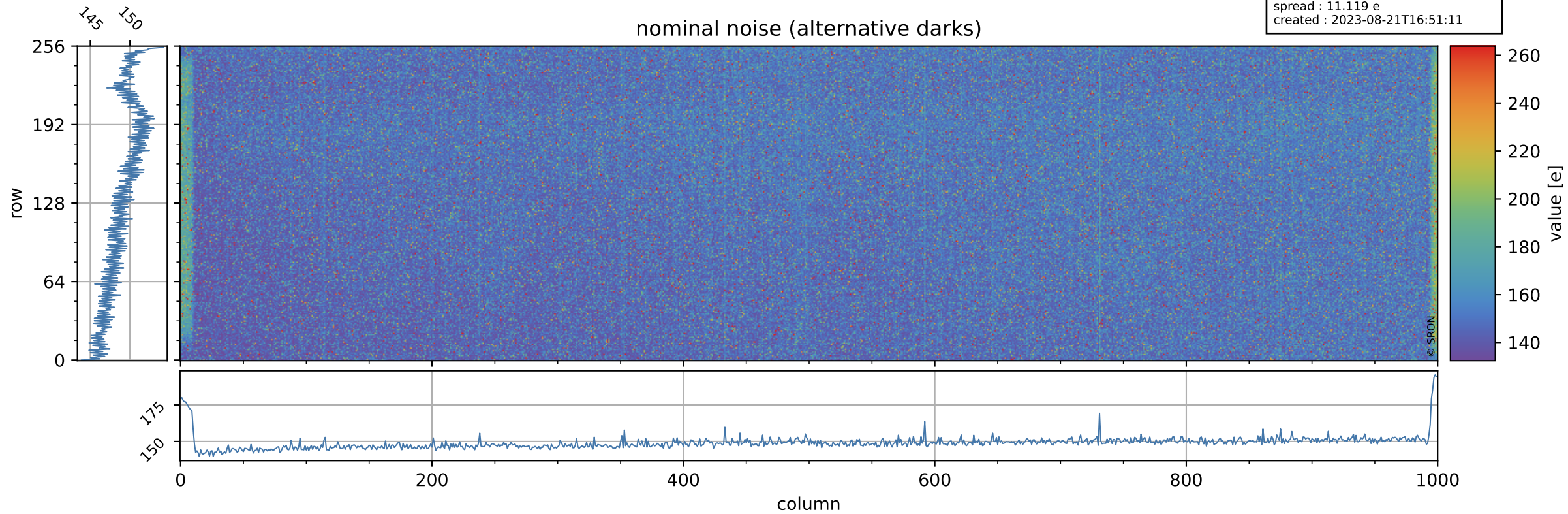


Tropomi SWIR background noise (swir)

orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
n_coad, t_exp : 1, 1.0783
median : 148.93 e
spread : 11.119 e
created : 2023-08-21T16:51:11

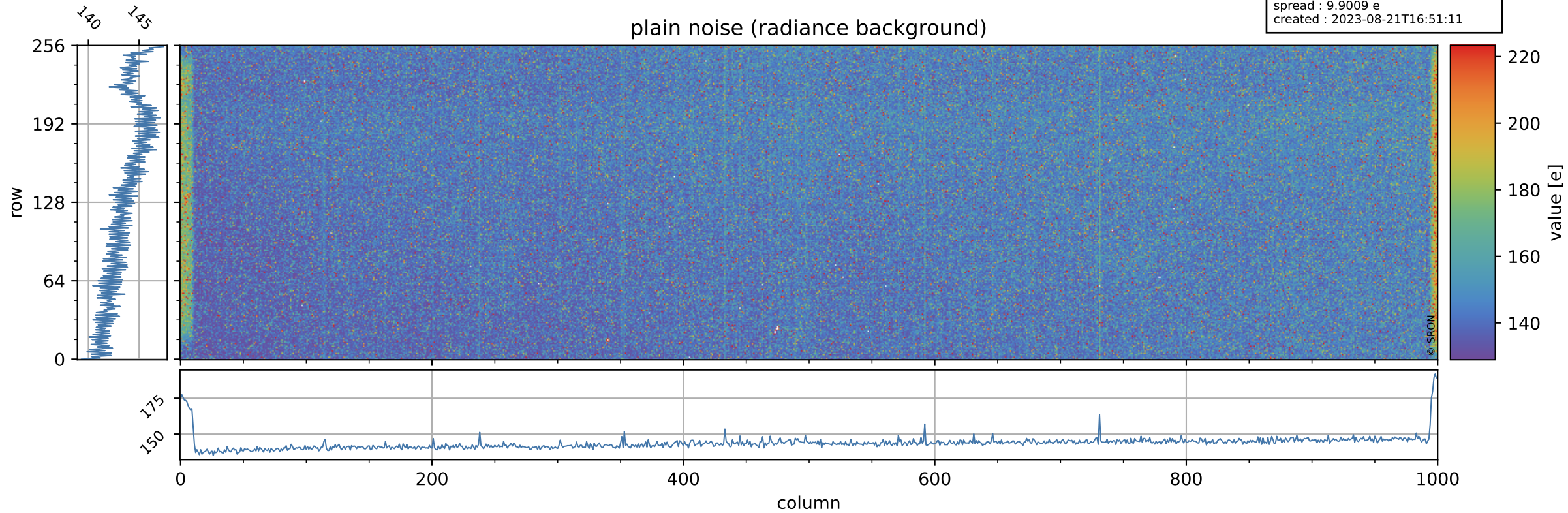
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9009 e
created : 2023-08-21T16:51:11

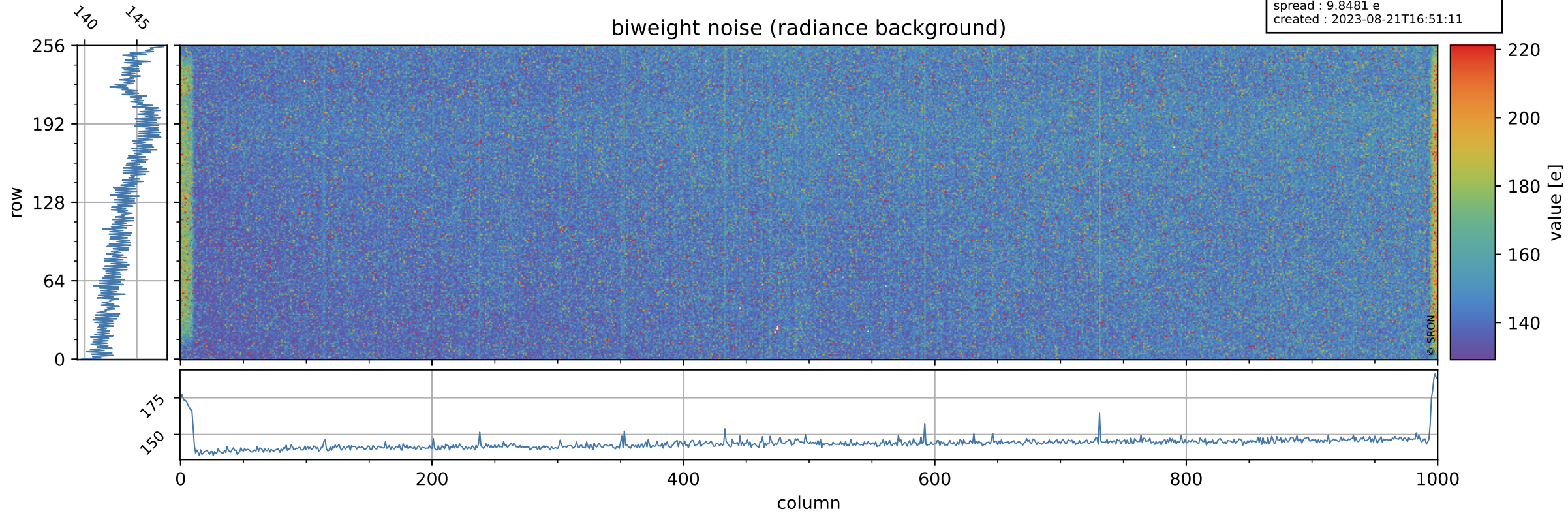
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8481 e
created : 2023-08-21T16:51:11

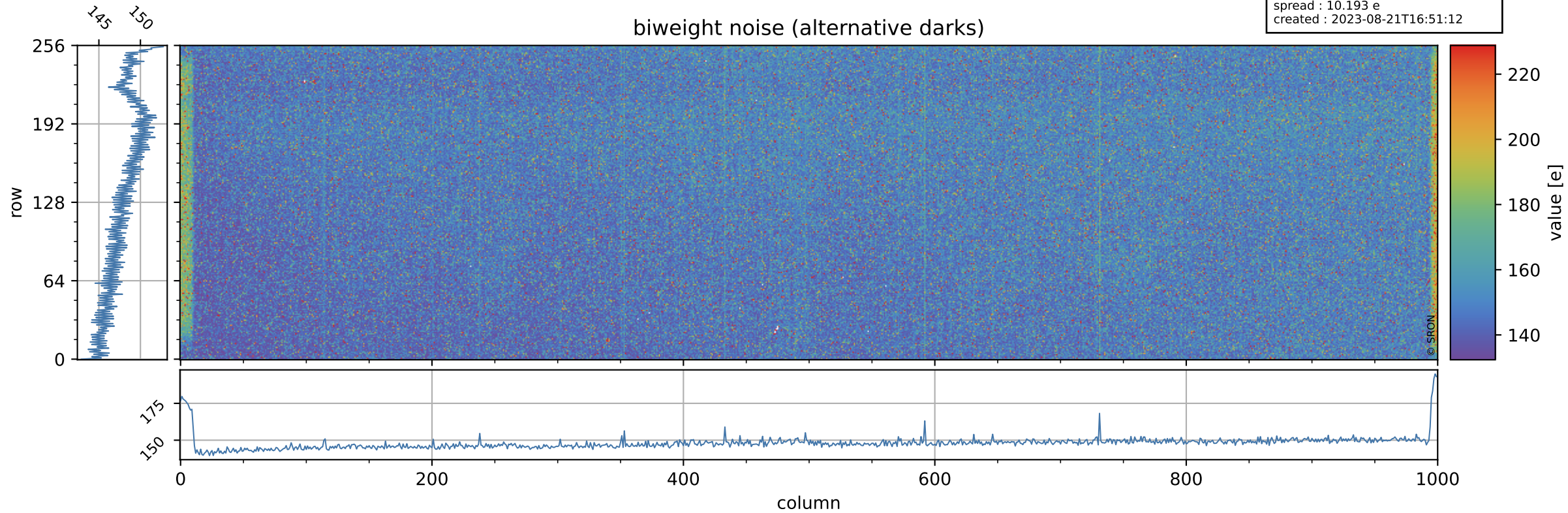
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.193 e
created : 2023-08-21T16:51:12

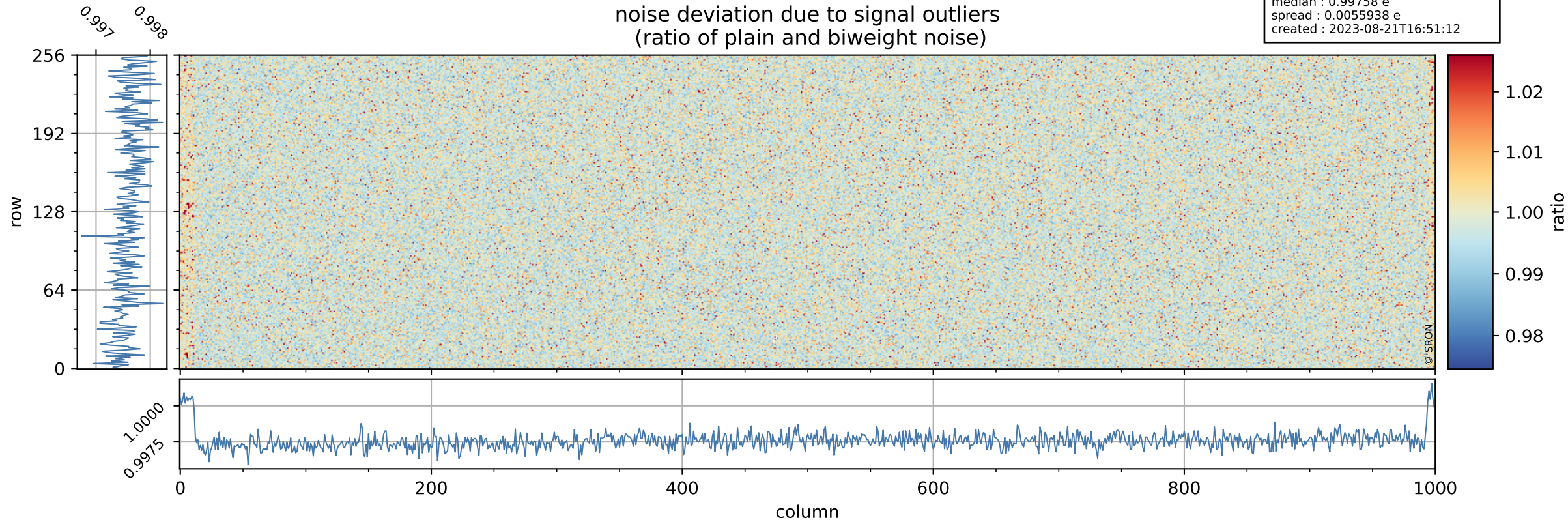
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

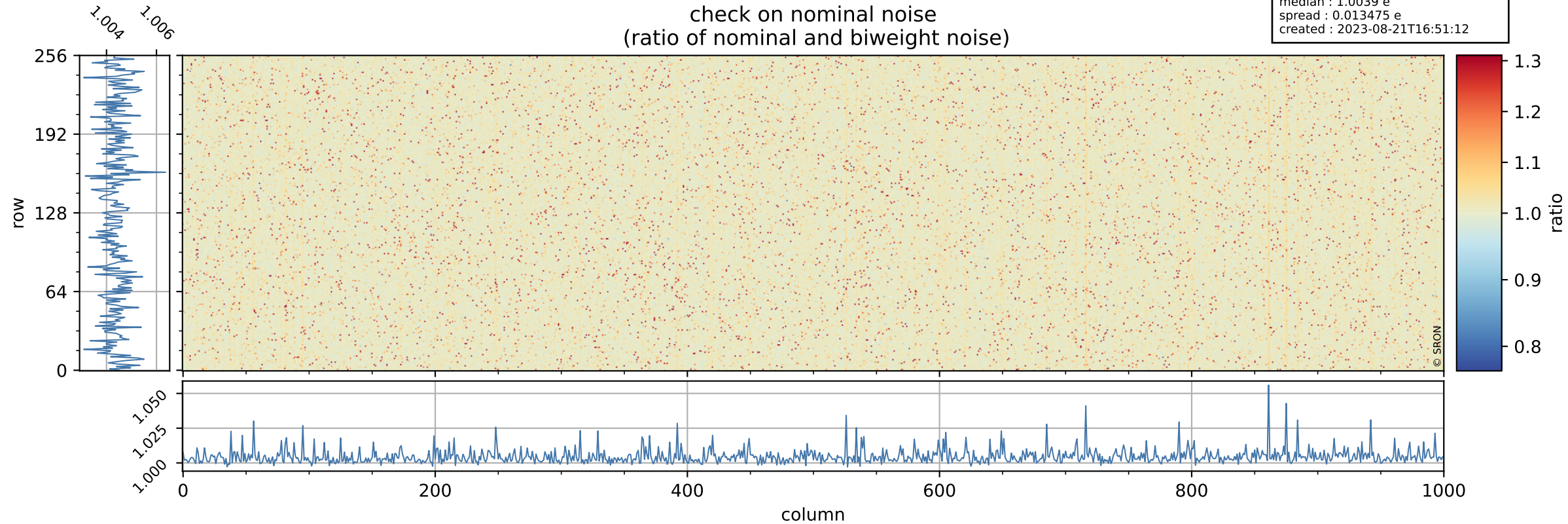
orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
median : 0.99758 e
spread : 0.0055938 e
created : 2023-08-21T16:51:12



Tropomi SWIR background noise (swir)

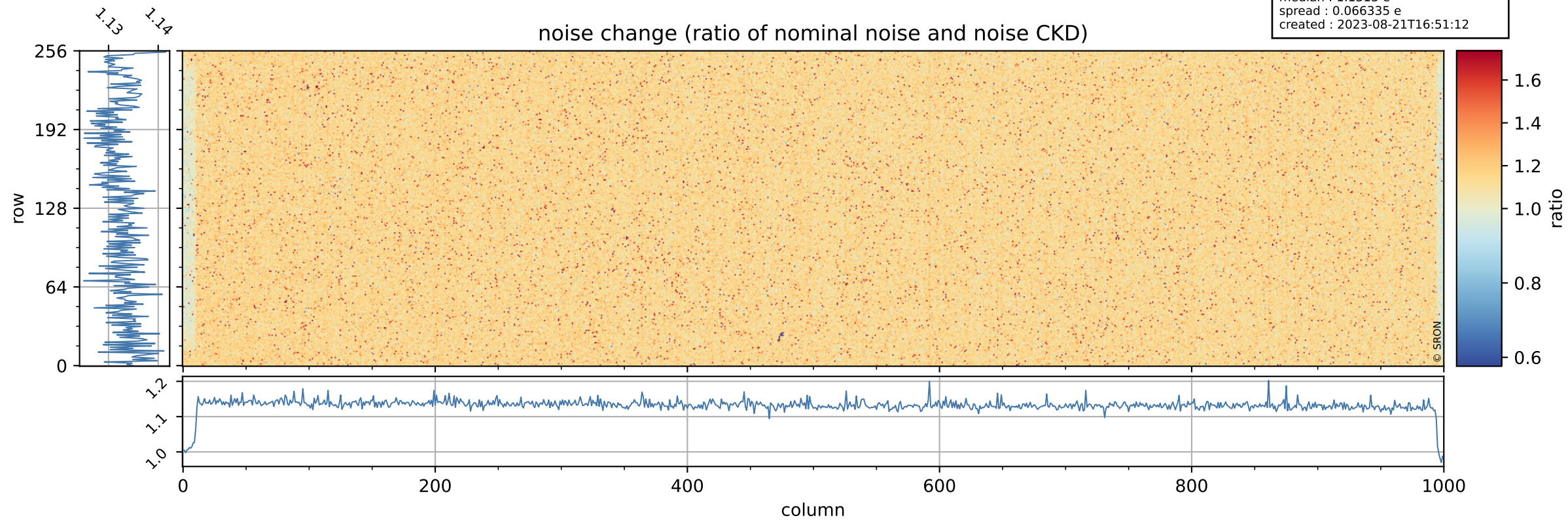
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
median : 1.0039 e
spread : 0.013475 e
created : 2023-08-21T16:51:12



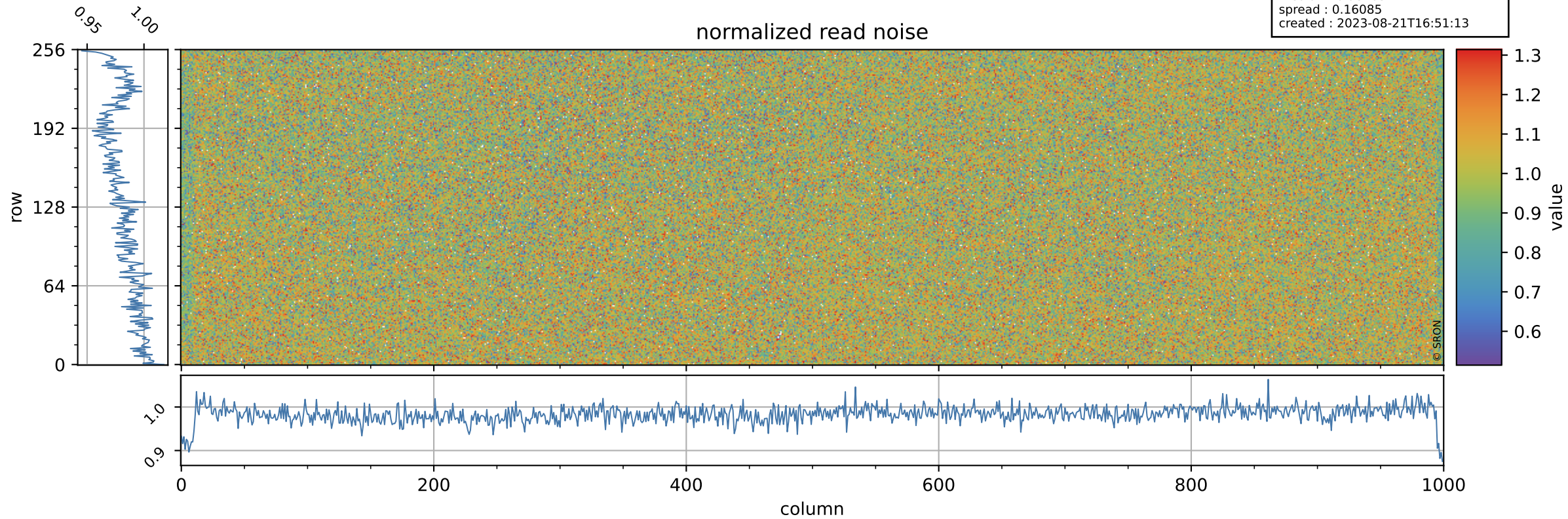
Tropomi SWIR background noise (swir)

orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
median : 1.1313 e
spread : 0.066335 e
created : 2023-08-21T16:51:12



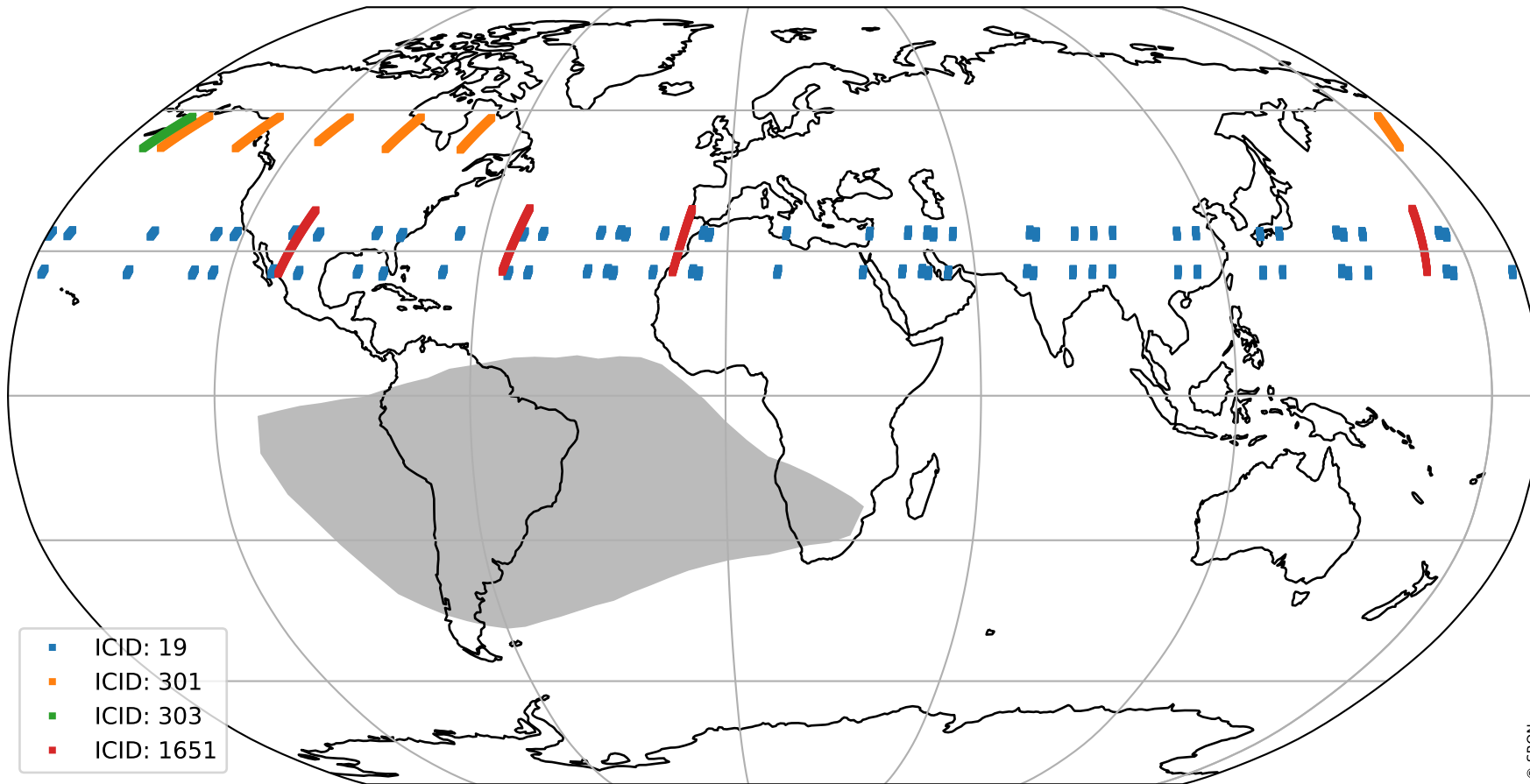
Tropomi SWIR background noise (swir)

orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
median : 0.98205
spread : 0.16085
created : 2023-08-21T16:51:13



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

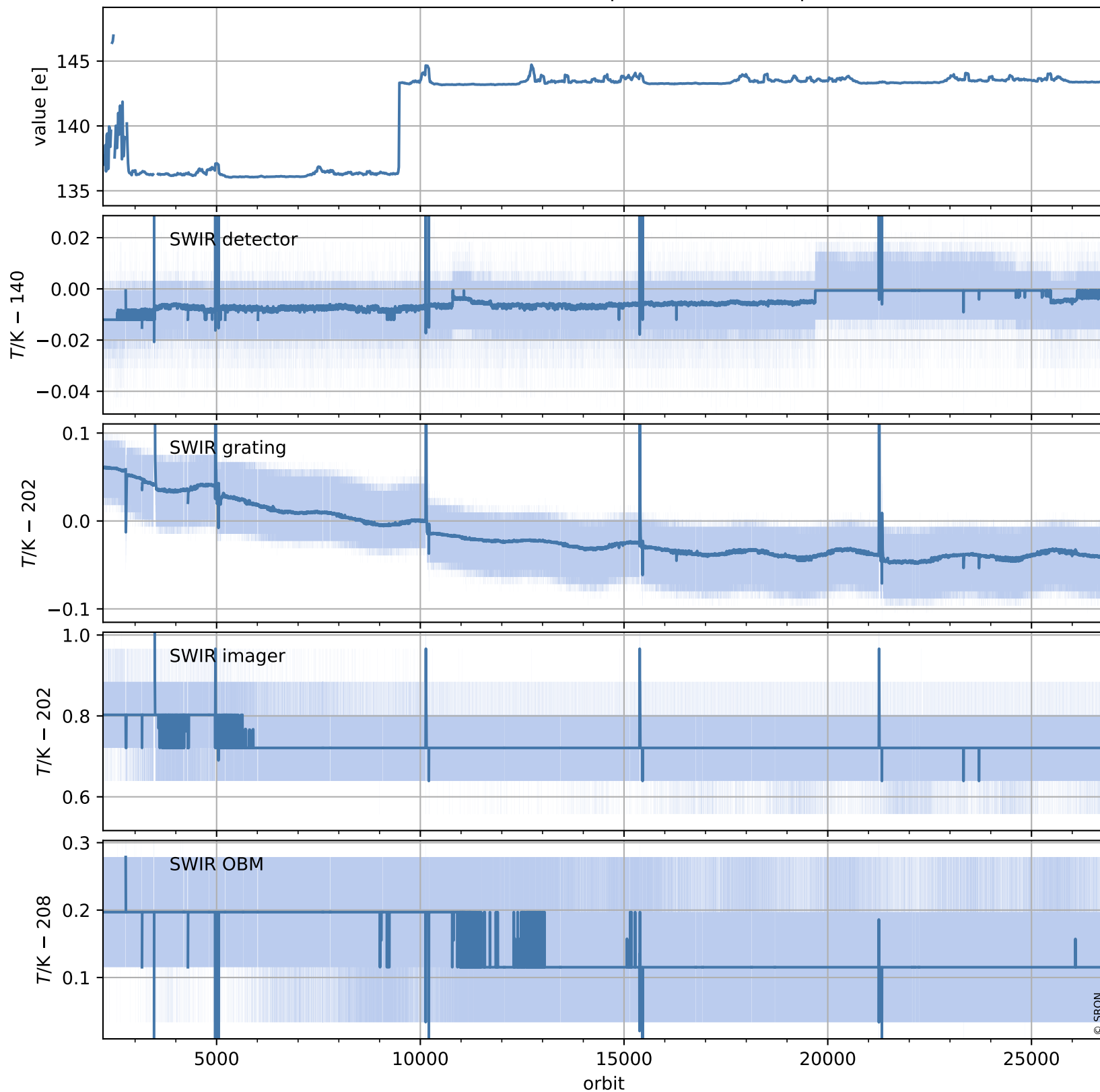
orbits : 11 in [26707, 26797]
coverage : 2022-12-09 / 2022-12-15
created : 2023-08-21T16:51:13



Tropomi SWIR background noise (swir)

orbits : [2212, 26797]
coverage : 2018-03-18 / 2022-12-15
created : 2023-08-21T16:51:13

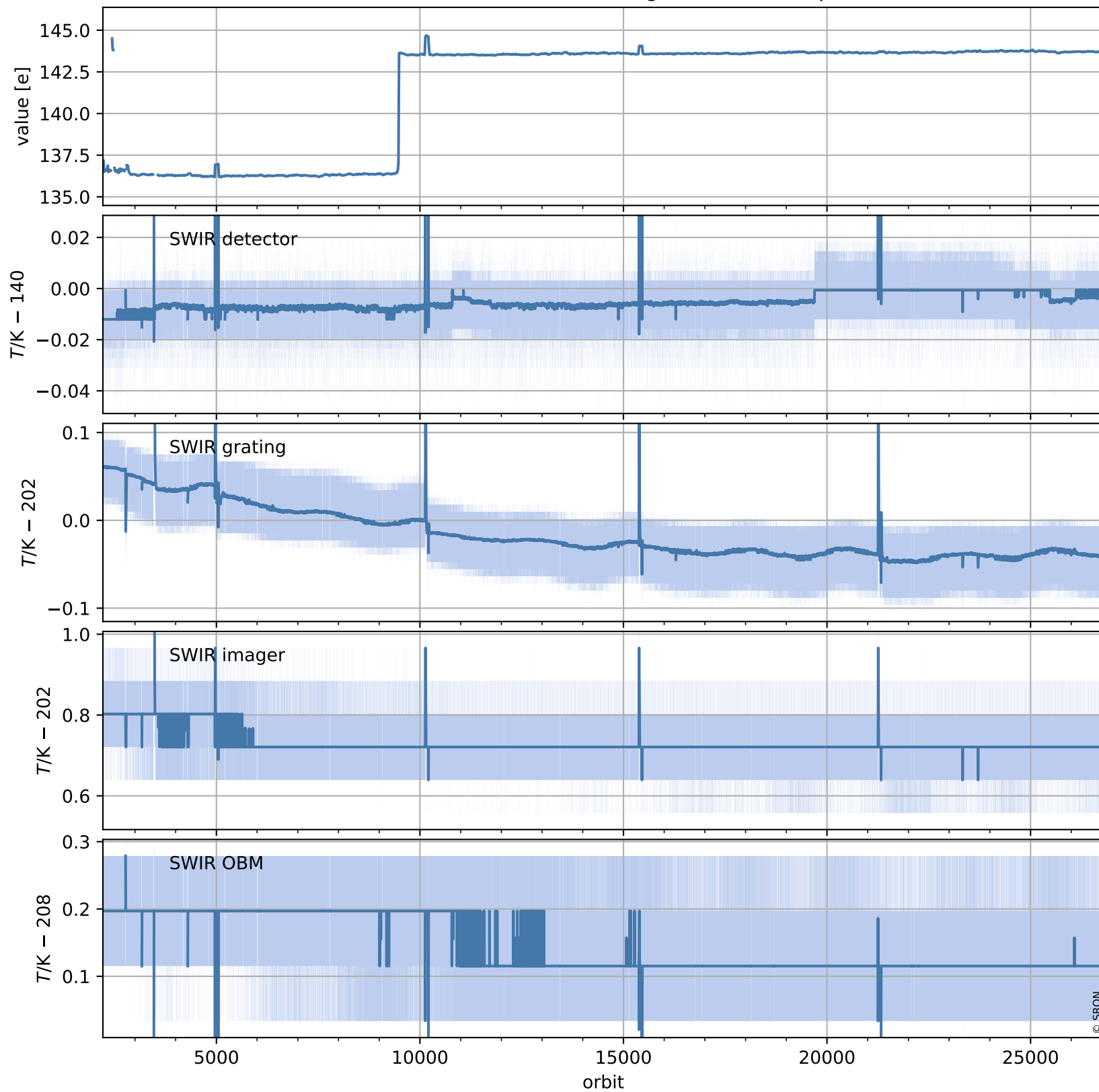
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26797]
coverage : 2018-03-18 / 2022-12-15
created : 2023-08-21T16:51:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26797]
coverage : 2018-03-18 / 2022-12-15
created : 2023-08-21T16:51:15

trend of normalized read-noise & temperatures

