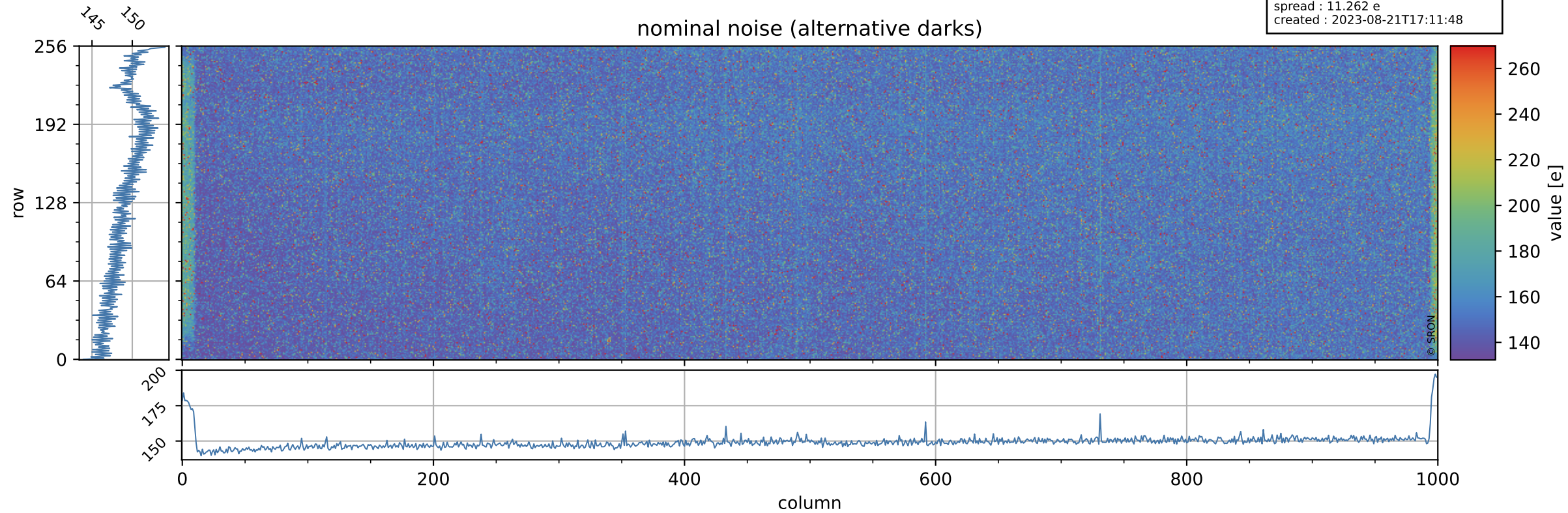


Tropomi SWIR background noise (swir)

orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
n_coad, t_exp : 1, 1.0783
median : 148.98 e
spread : 11.262 e
created : 2023-08-21T17:11:48

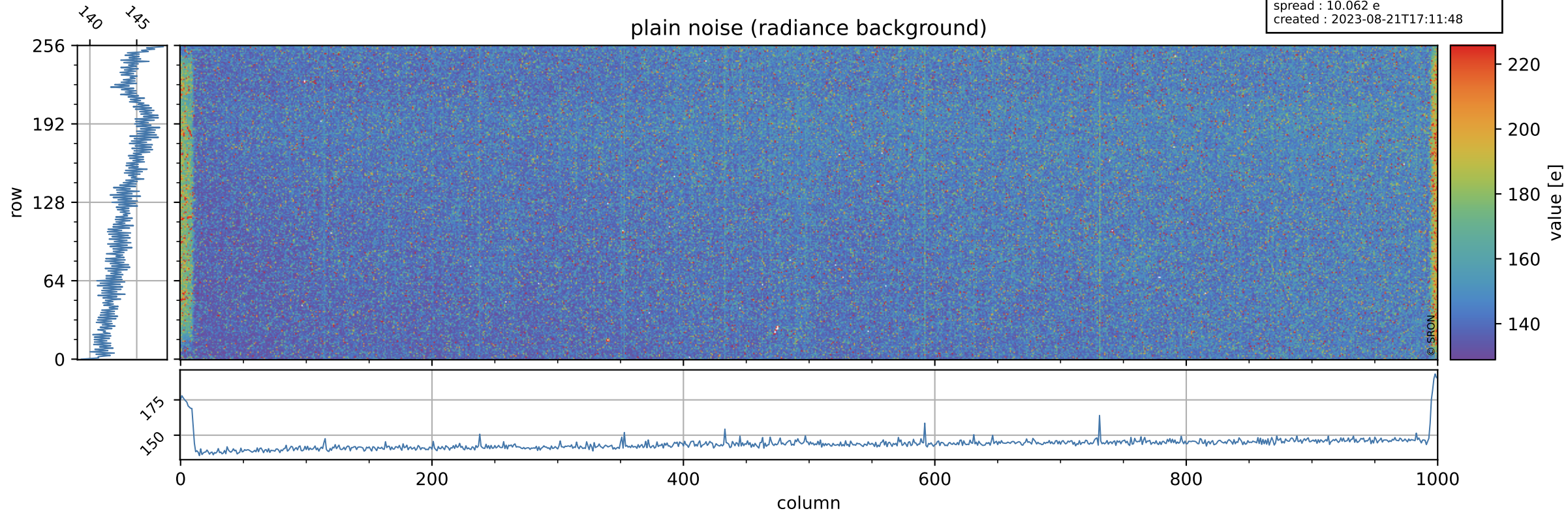
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 10.062 e
created : 2023-08-21T17:11:48

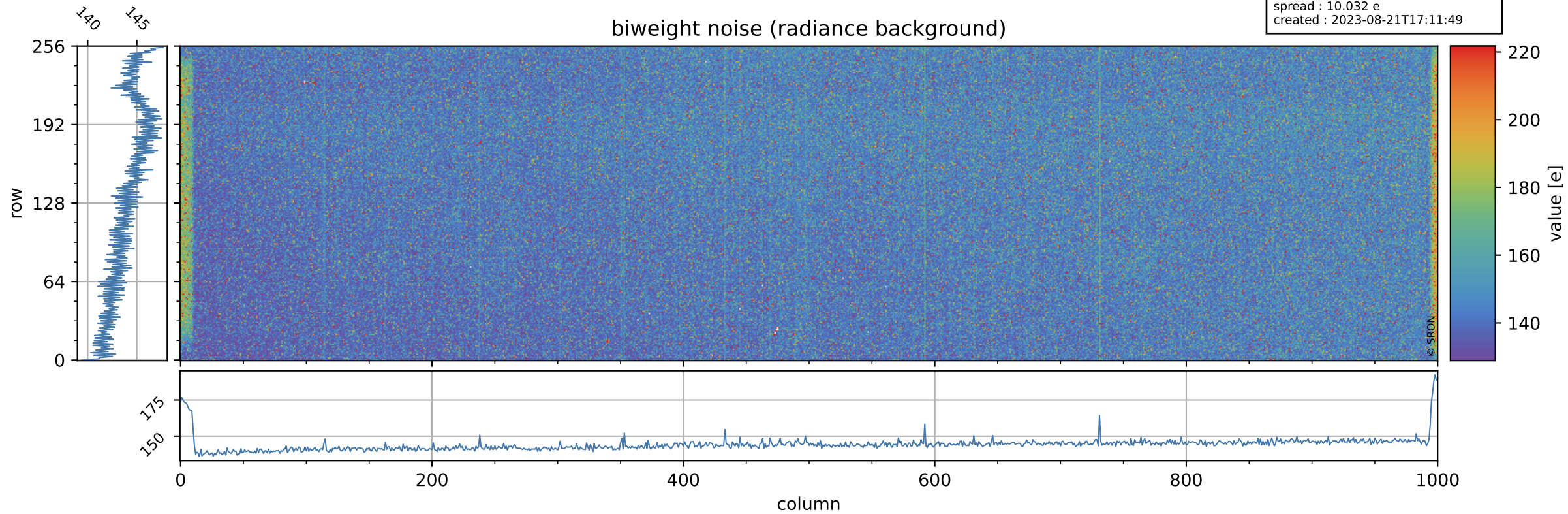
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 10.032 e
created : 2023-08-21T17:11:49

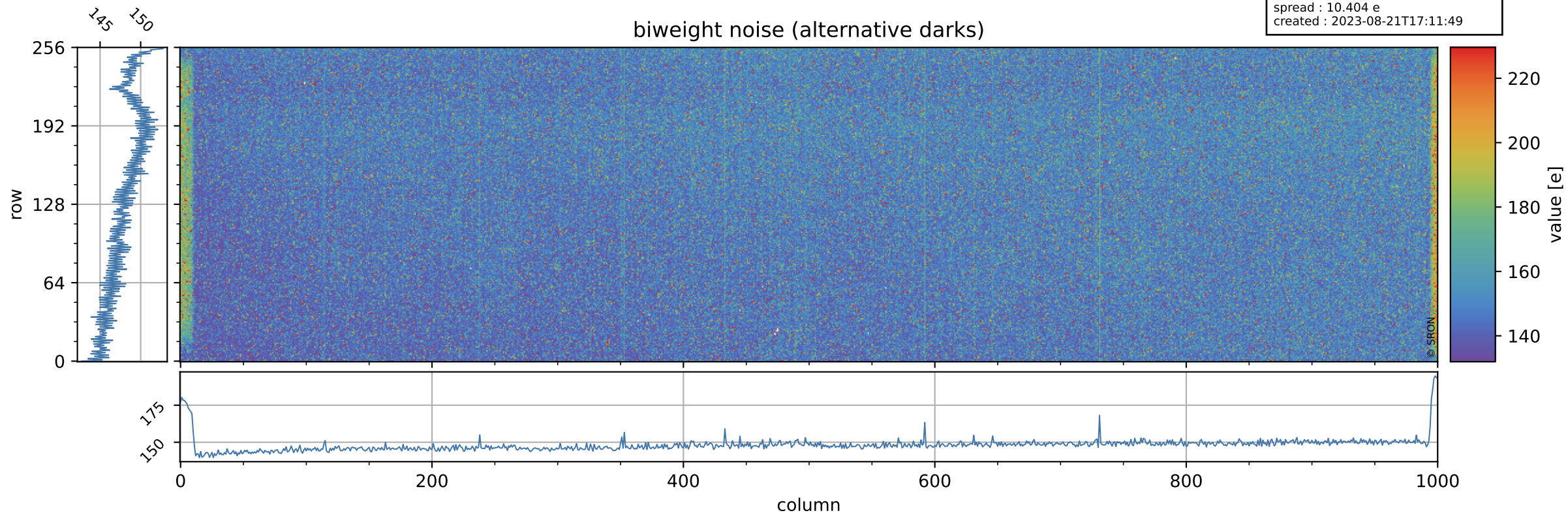
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
n_coad, t_exp : 1, 1.0783
median : 147.9 e
spread : 10.404 e
created : 2023-08-21T17:11:49

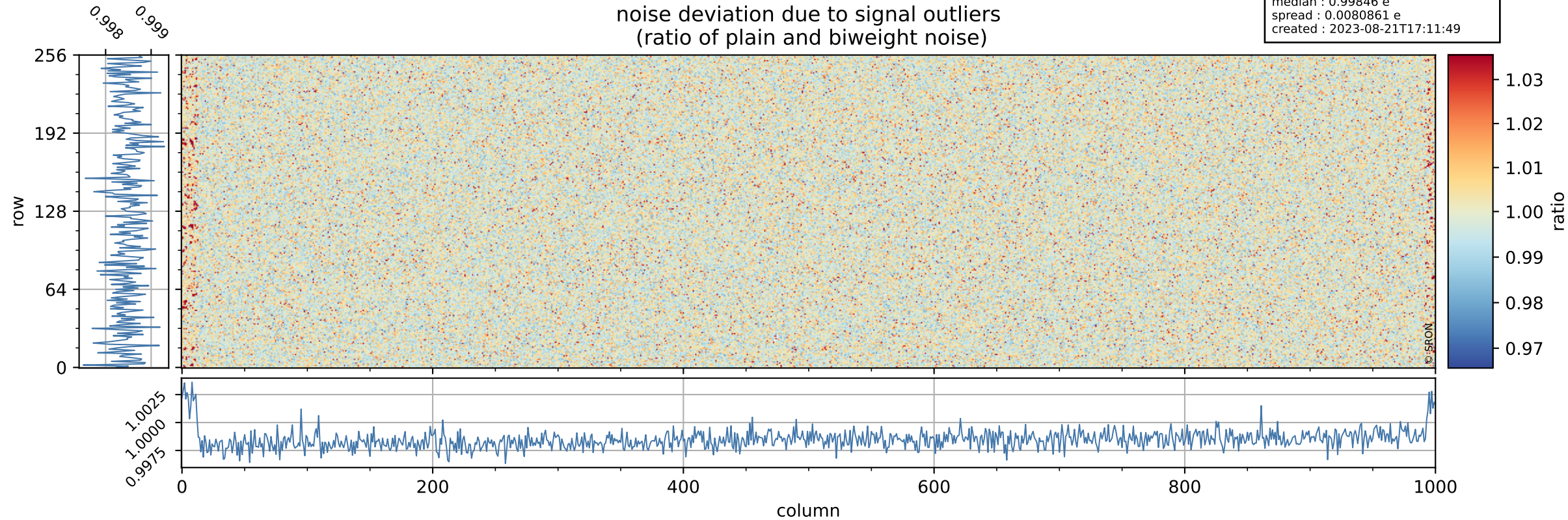
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

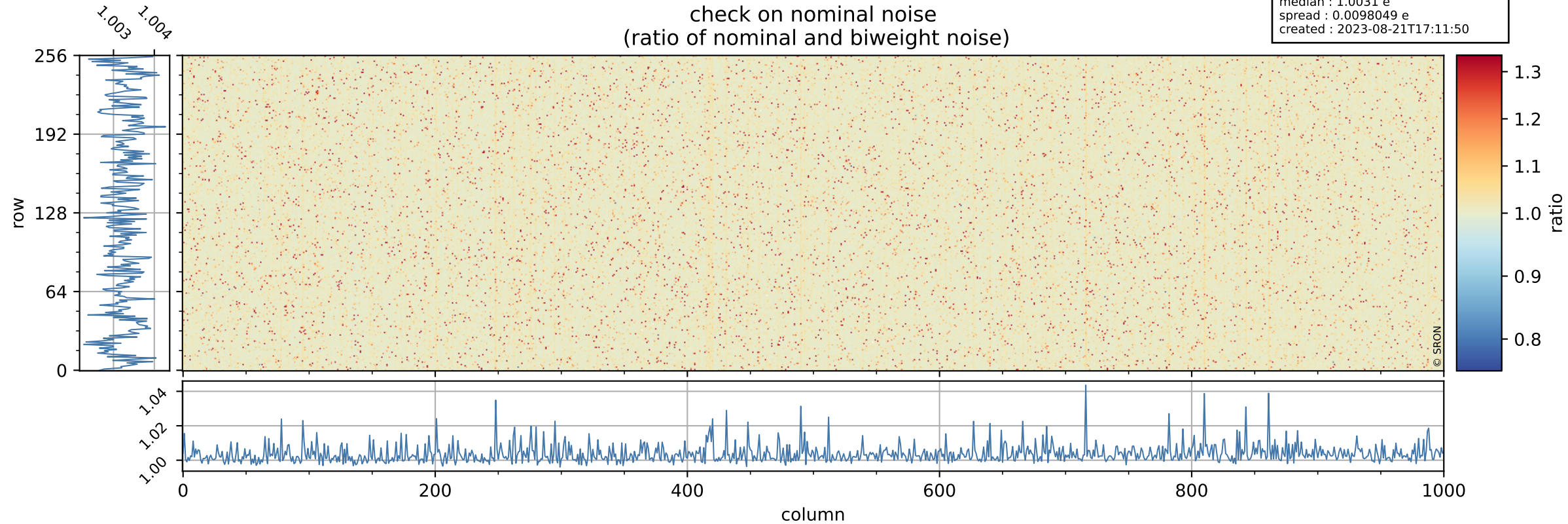
orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
median : 0.99846 e
spread : 0.0080861 e
created : 2023-08-21T17:11:49



Tropomi SWIR background noise (swir)

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

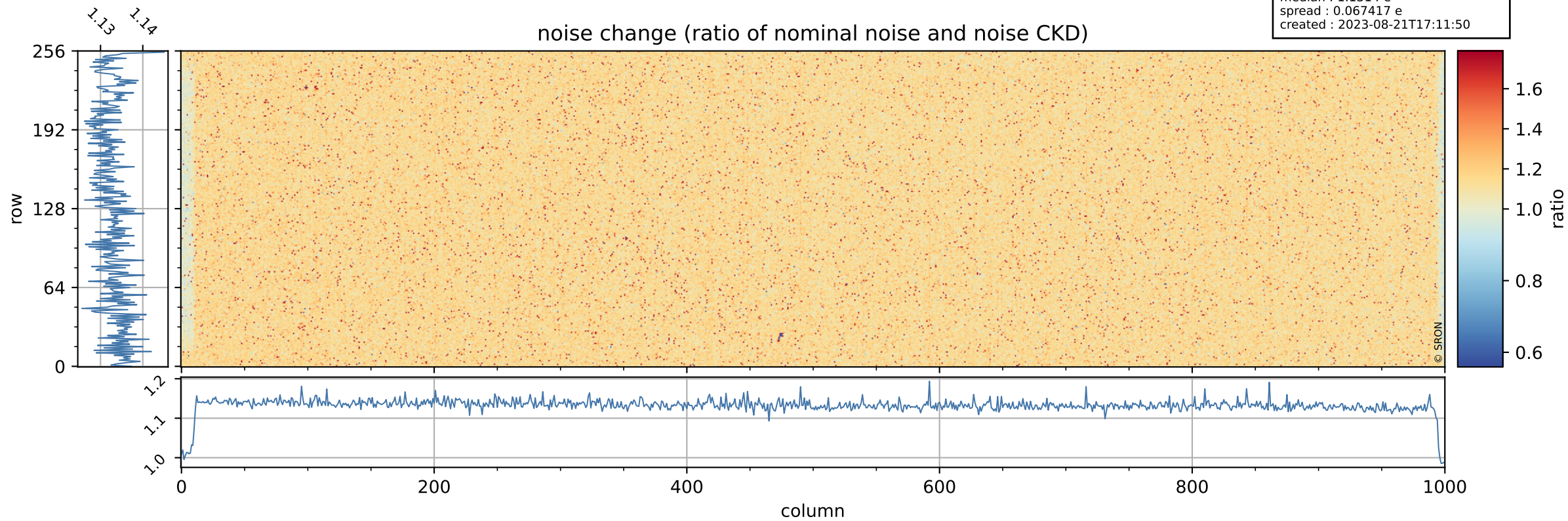
orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
median : 1.0031 e
spread : 0.0098049 e
created : 2023-08-21T17:11:50



Tropomi SWIR background noise (swir)

orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
median : 1.1314 e
spread : 0.067417 e
created : 2023-08-21T17:11:50

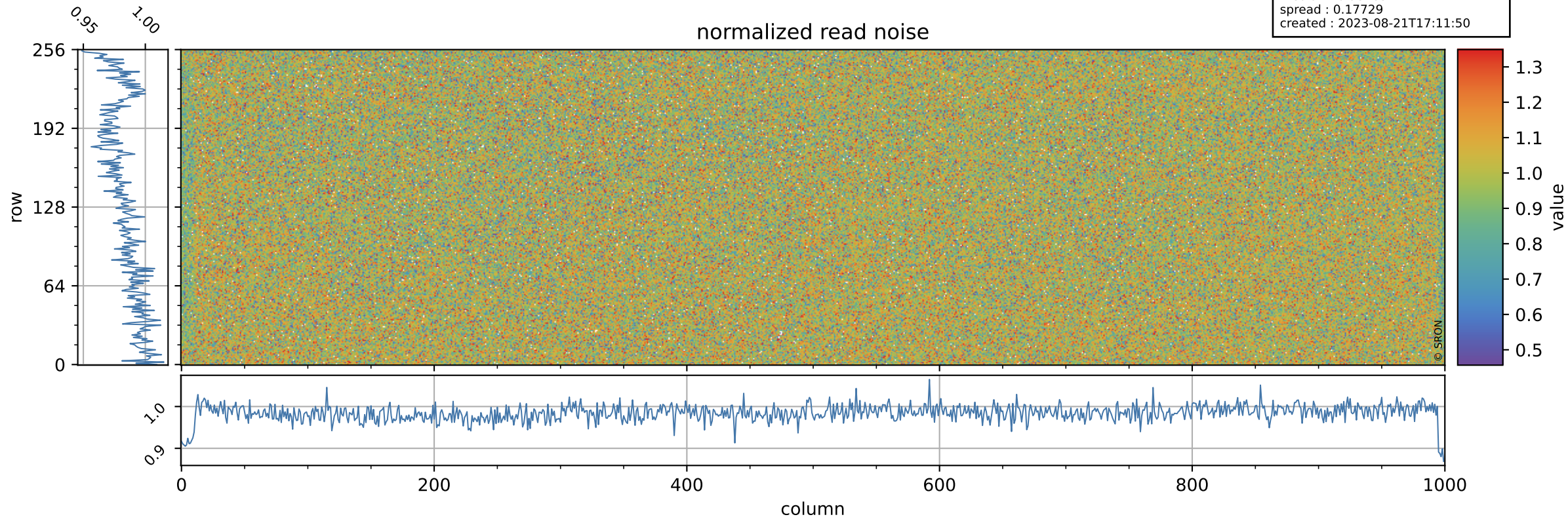
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

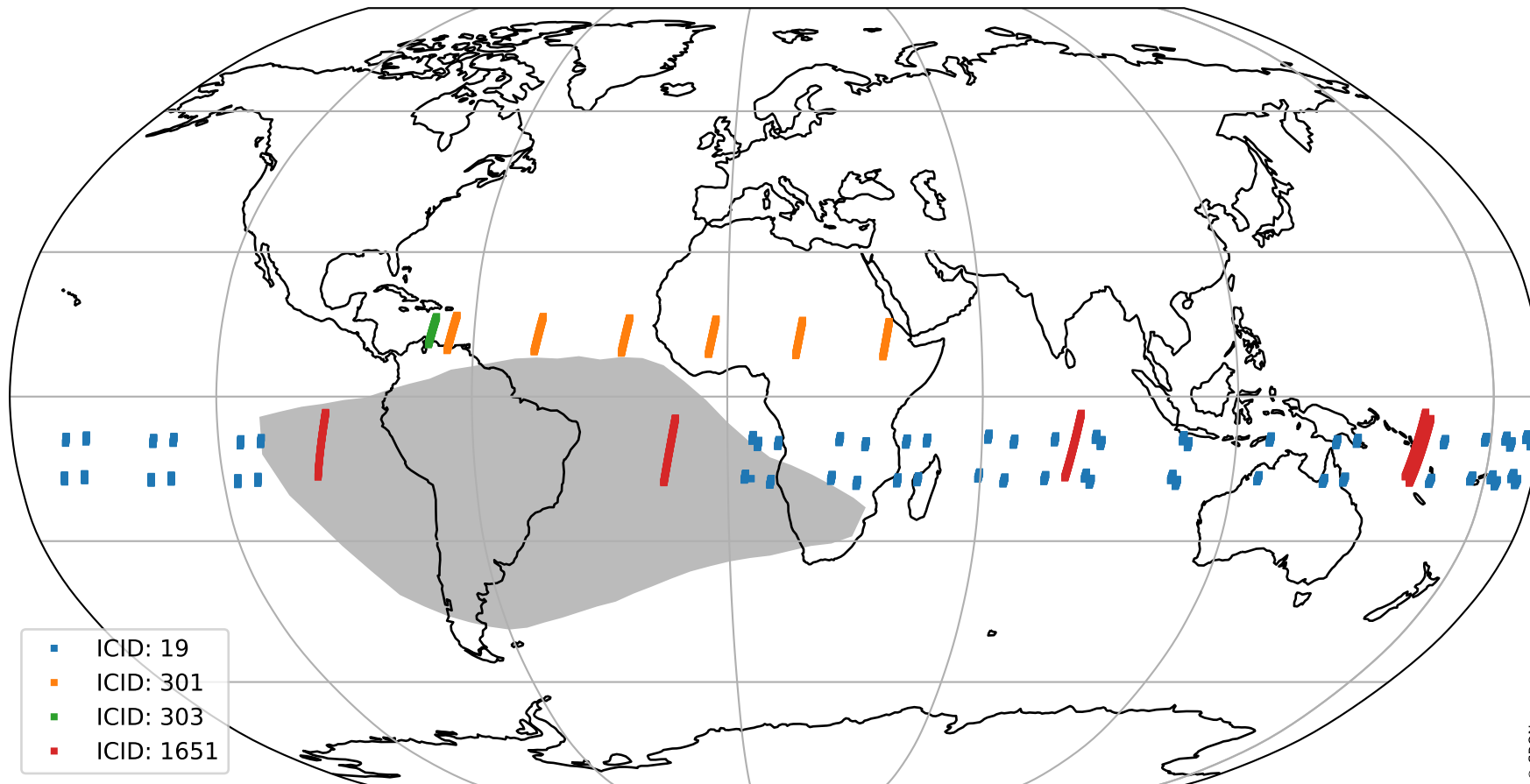
orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
median : 0.98263
spread : 0.17729
created : 2023-08-21T17:11:50

normalized read noise



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

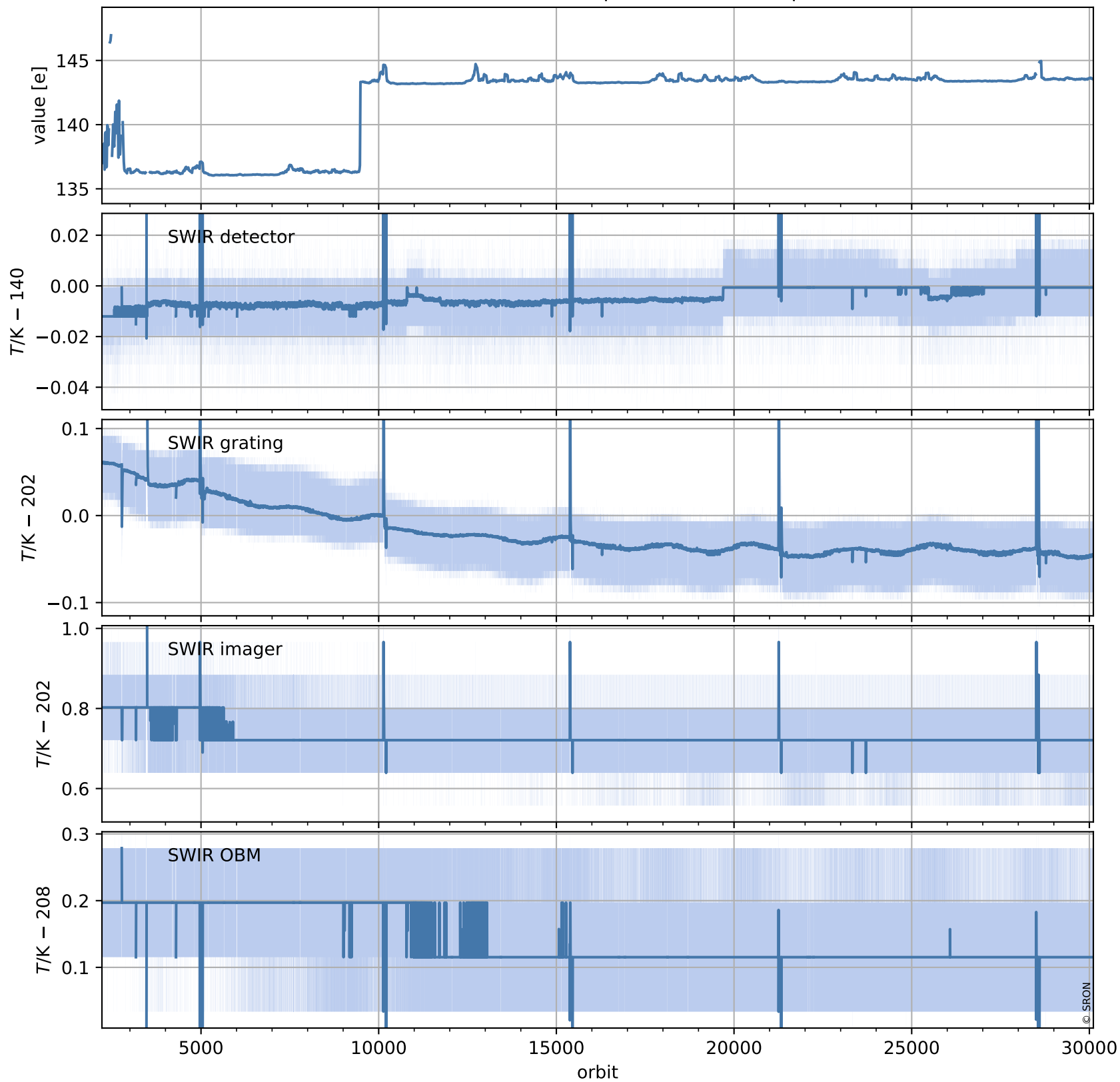
orbits : 12 in [30022, 30112]
coverage : 2023-07-30 / 2023-08-05
created : 2023-08-21T17:11:50



Tropomi SWIR background noise (swir)

orbits : [2212, 30112]
coverage : 2018-03-18 / 2023-08-05
created : 2023-08-21T17:11:51

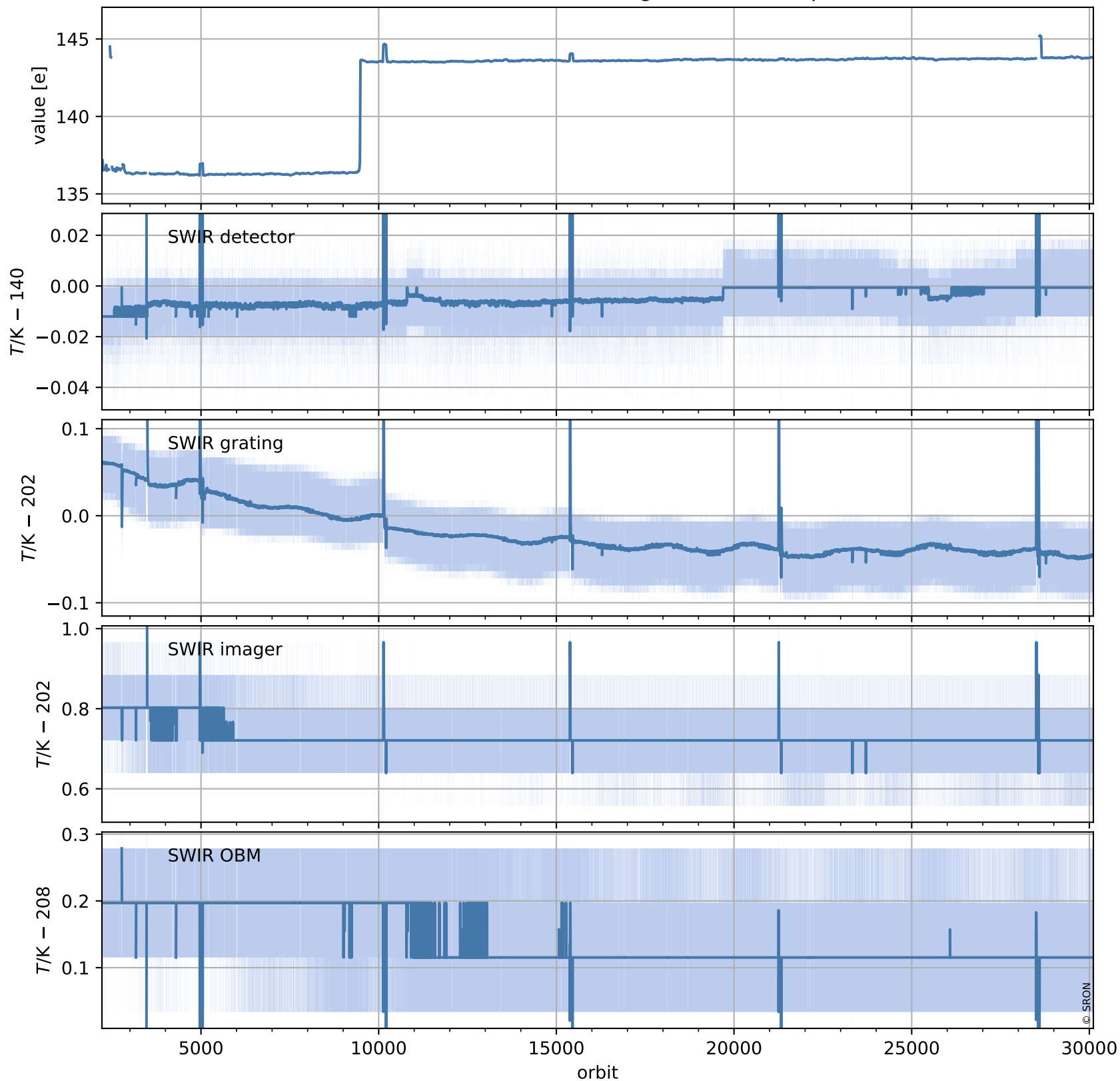
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30112]
coverage : 2018-03-18 / 2023-08-05
created : 2023-08-21T17:11:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30112]
coverage : 2018-03-18 / 2023-08-05
created : 2023-08-21T17:11:53

trend of normalized read-noise & temperatures

