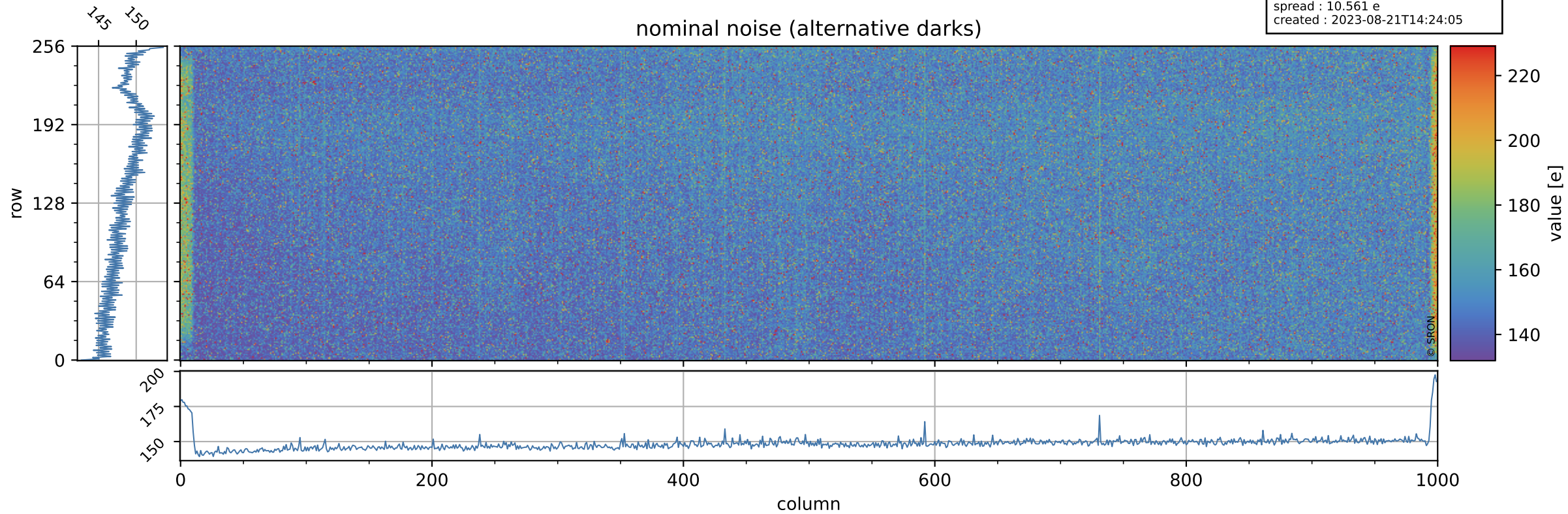


Tropomi SWIR background noise (swir)

orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.561 e
created : 2023-08-21T14:24:05

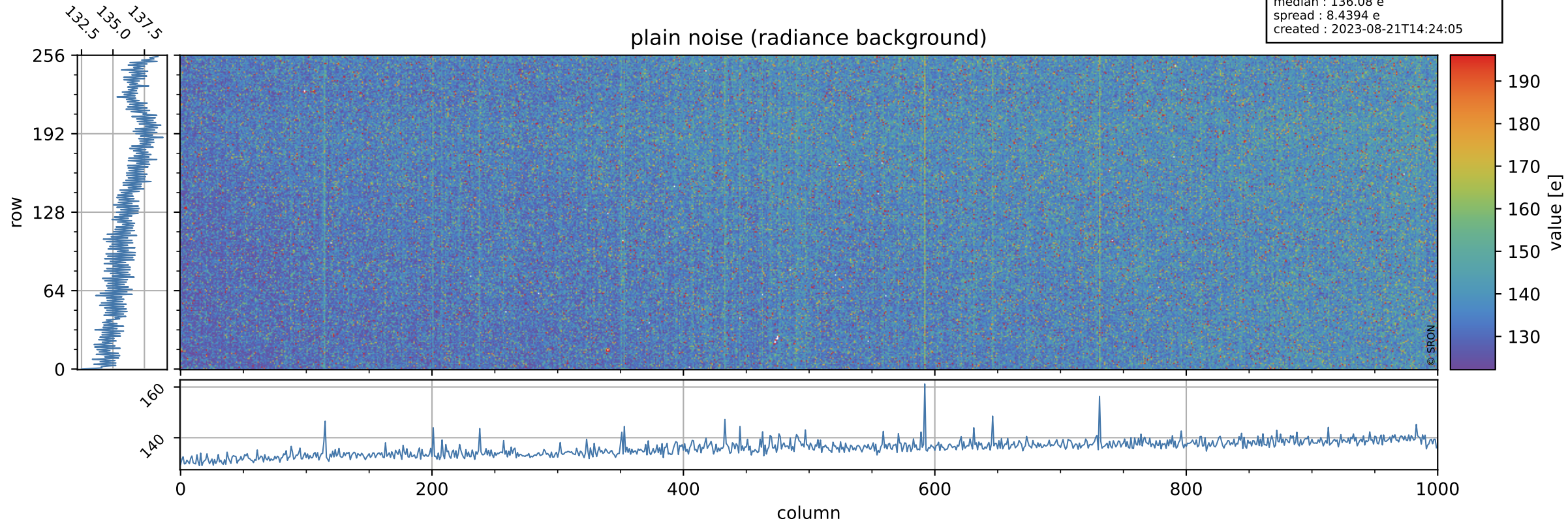
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
n_coad, t_exp : 2, 0.5383
median : 136.08 e
spread : 8.4394 e
created : 2023-08-21T14:24:05

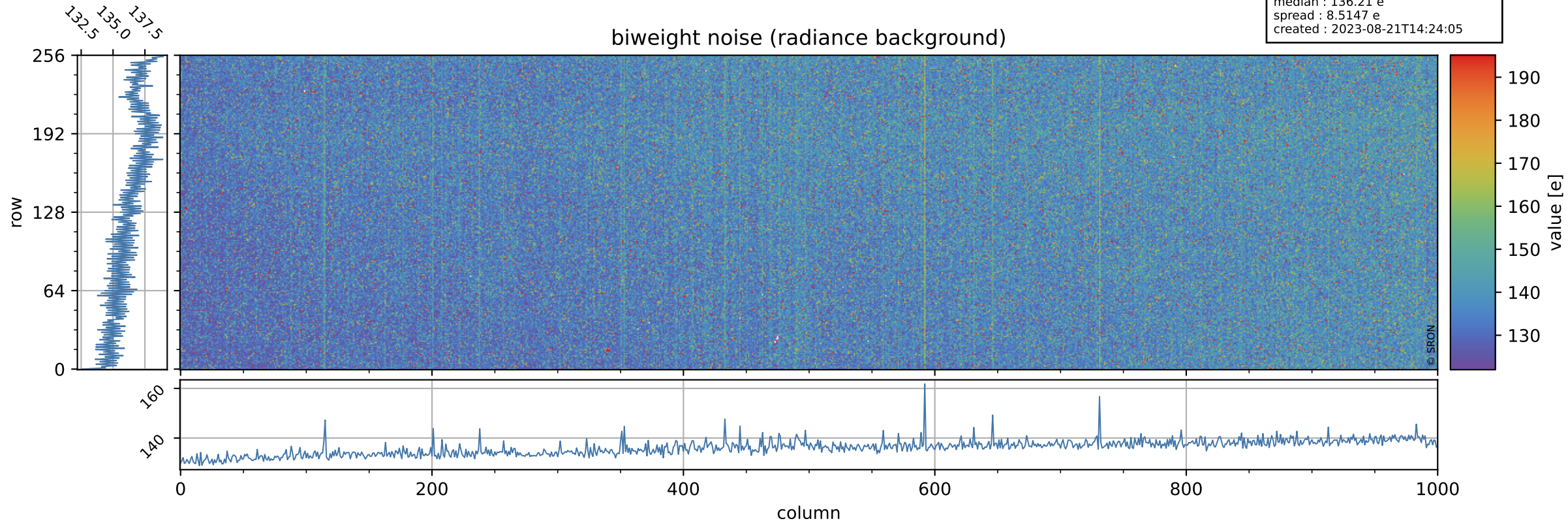
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5147 e
created : 2023-08-21T14:24:05

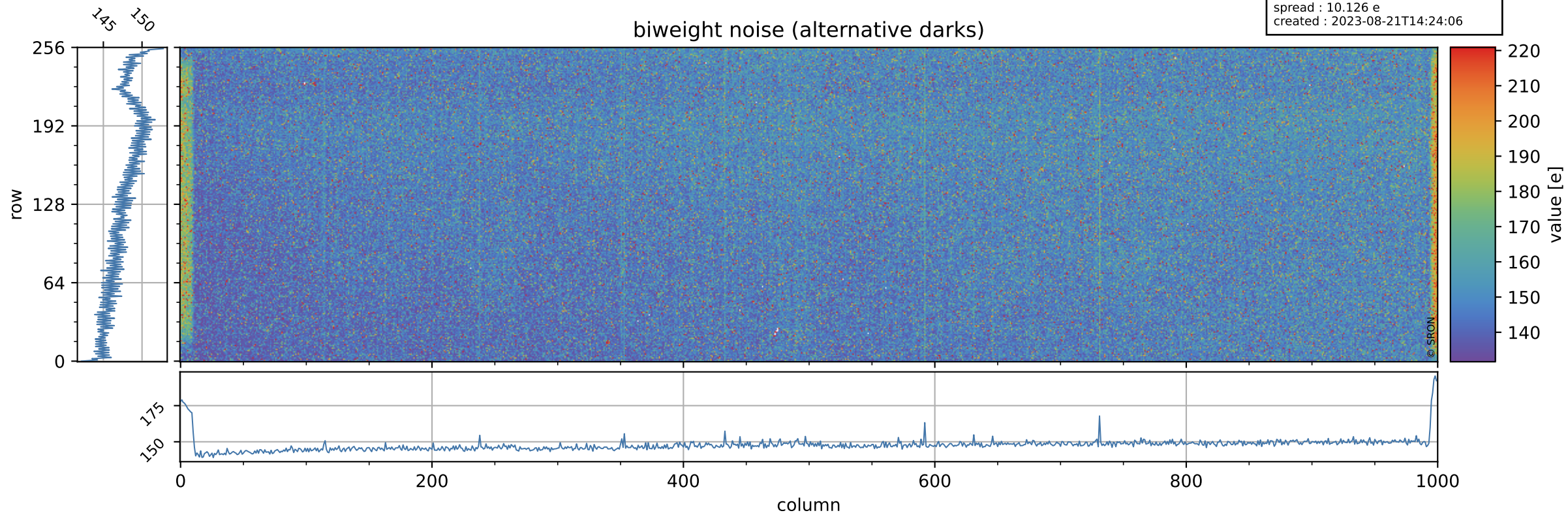
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 10.126 e
created : 2023-08-21T14:24:06

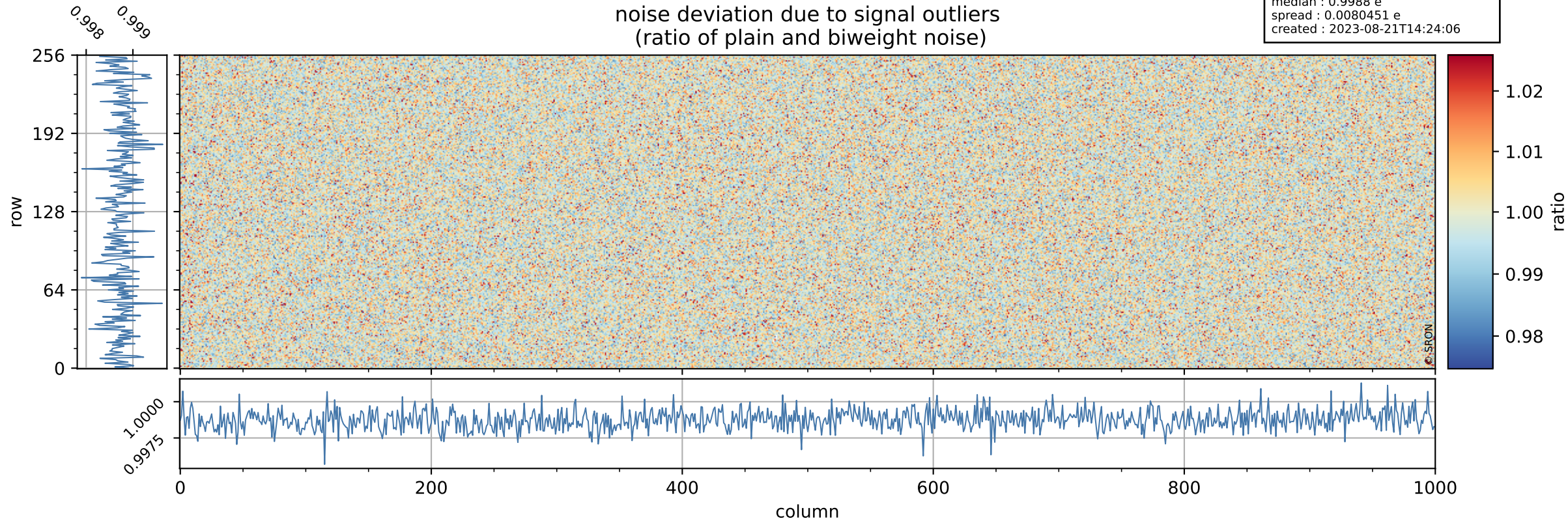
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

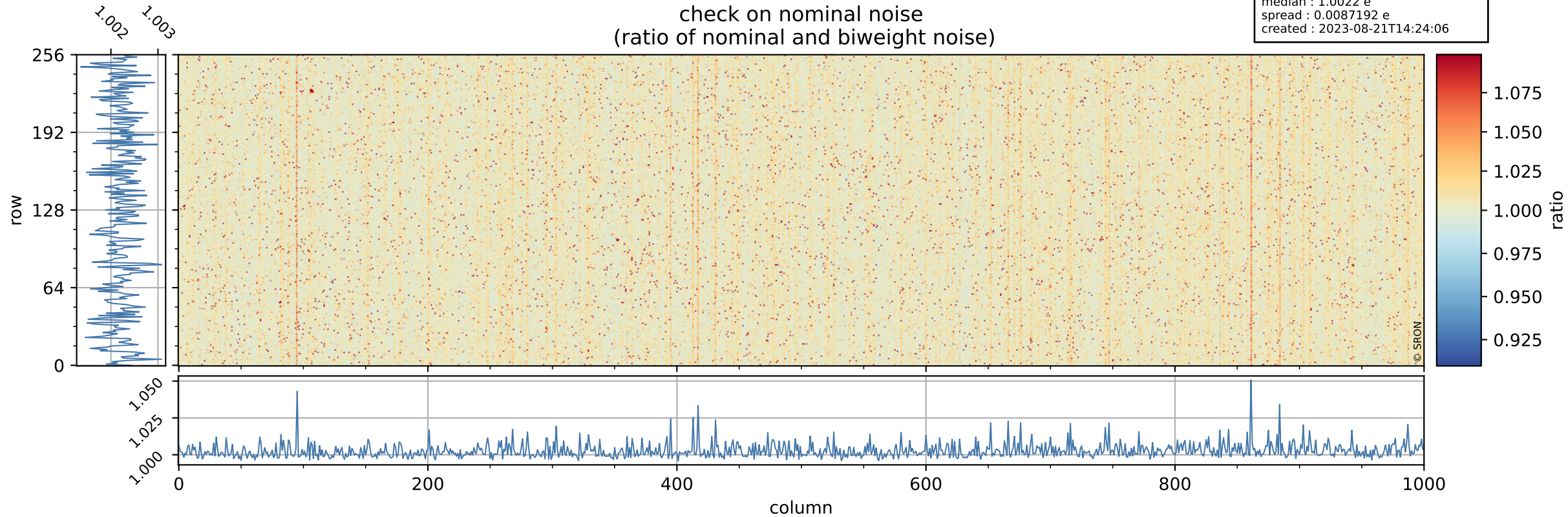
orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
median : 0.9988 e
spread : 0.0080451 e
created : 2023-08-21T14:24:06



Tropomi SWIR background noise (swir)

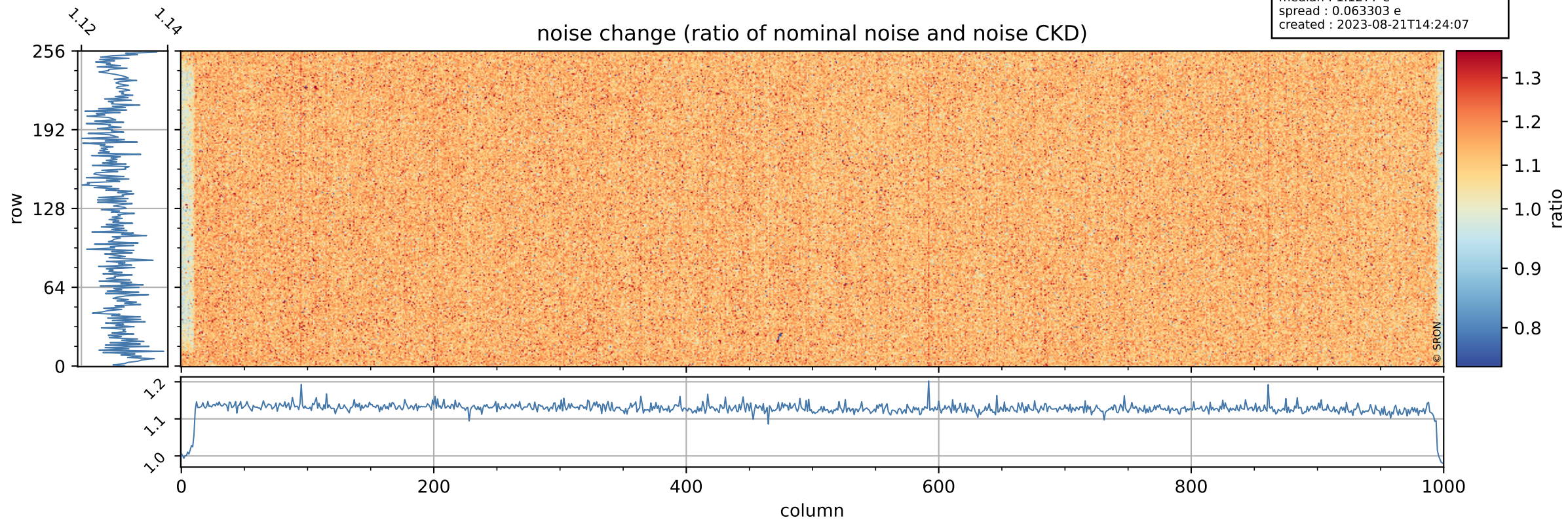
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
median : 1.0022 e
spread : 0.0087192 e
created : 2023-08-21T14:24:06



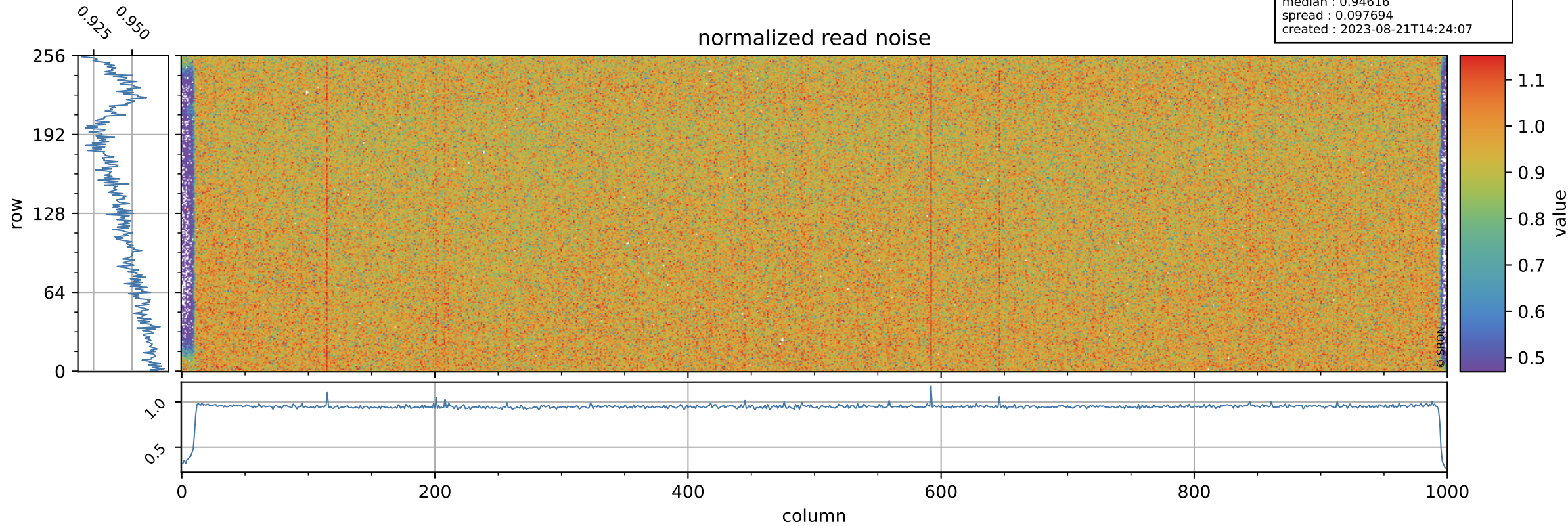
Tropomi SWIR background noise (swir)

orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
median : 1.1277 e
spread : 0.063303 e
created : 2023-08-21T14:24:07



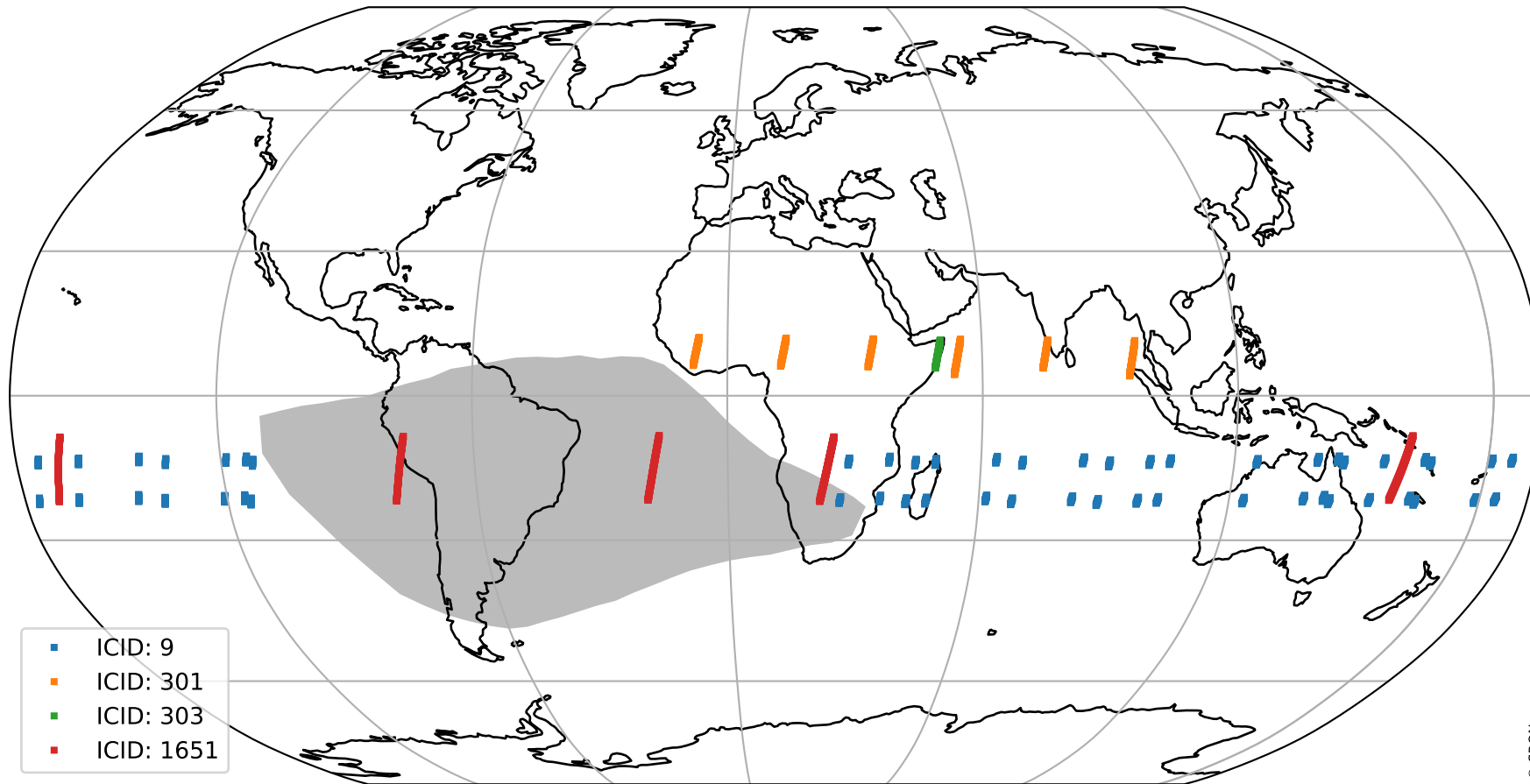
Tropomi SWIR background noise (swir)

orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
median : 0.94616
spread : 0.097694
created : 2023-08-21T14:24:07



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

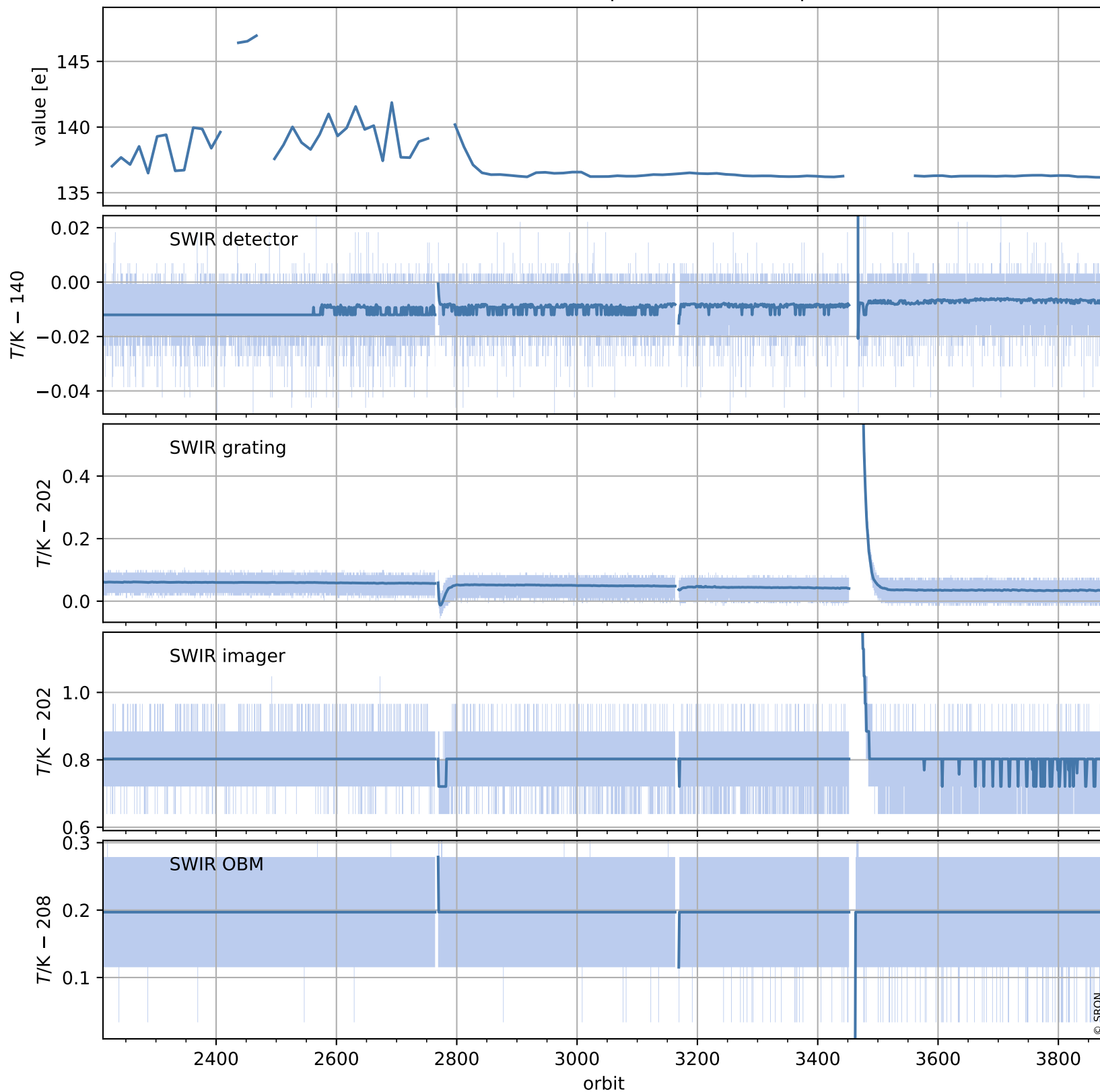
orbits : 12 in [3802, 3877]
coverage : 2018-07-07 / 2018-07-13
created : 2023-08-21T14:24:08



Tropomi SWIR background noise (swir)

orbits : [2212, 3877]
coverage : 2018-03-18 / 2018-07-13
created : 2023-08-21T14:24:08

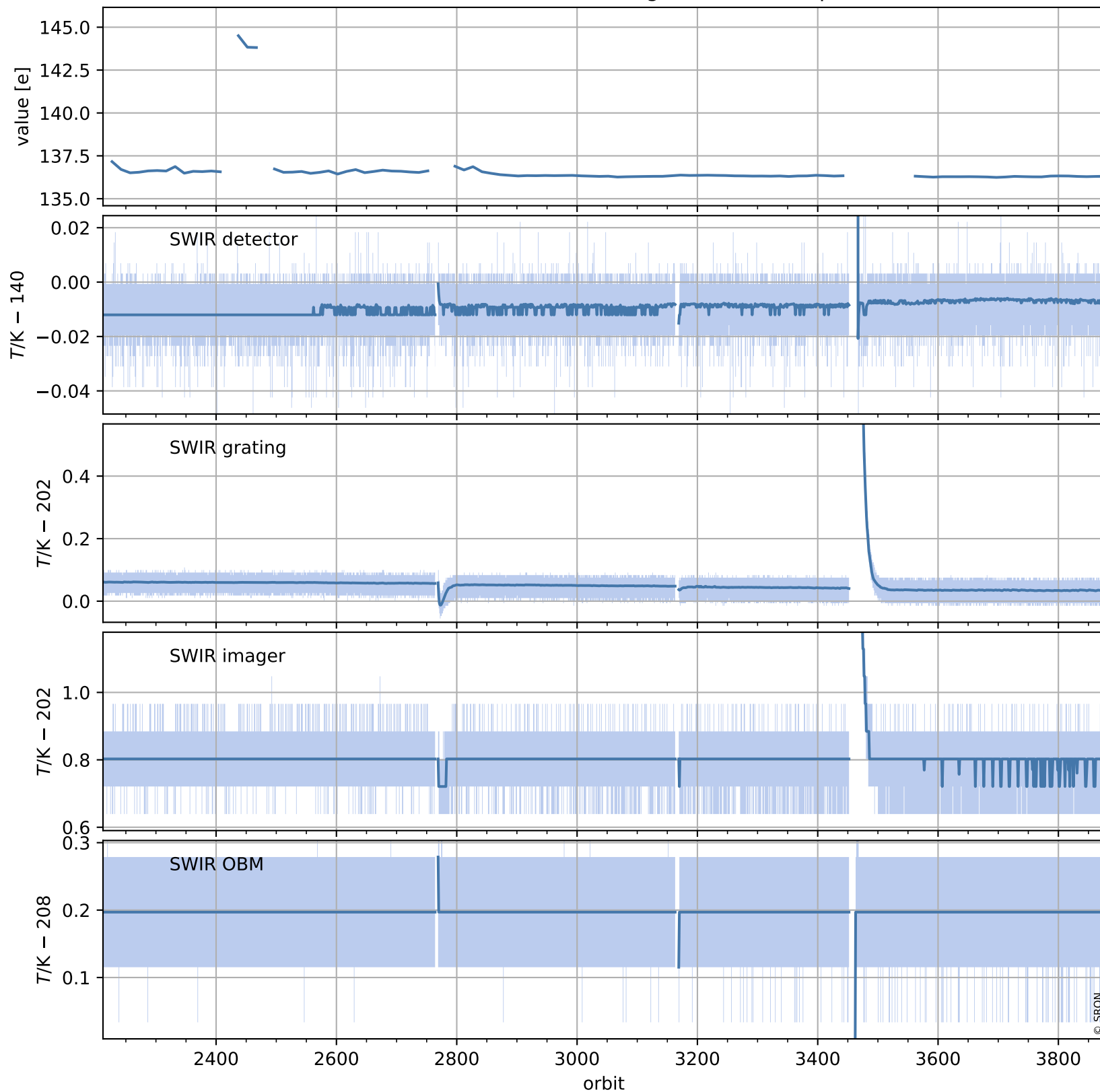
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3877]
coverage : 2018-03-18 / 2018-07-13
created : 2023-08-21T14:24:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3877]
coverage : 2018-03-18 / 2018-07-13
created : 2023-08-21T14:24:10

trend of normalized read-noise & temperatures

