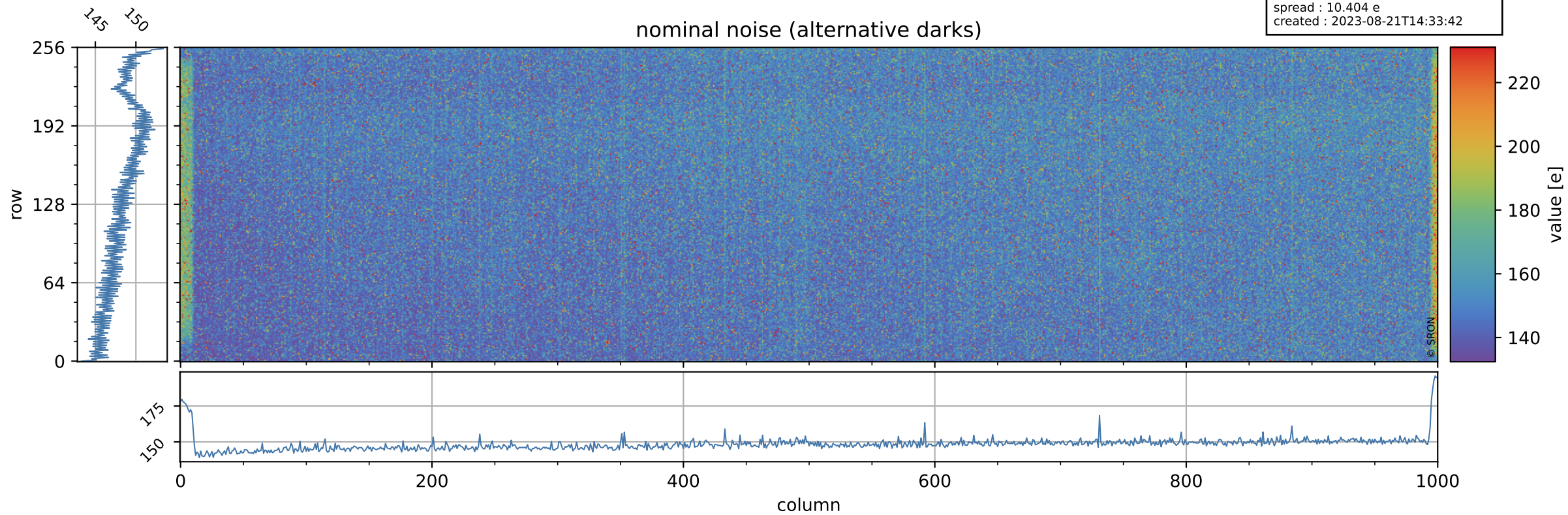


Tropomi SWIR background noise (swir)

orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.404 e
created : 2023-08-21T14:33:42

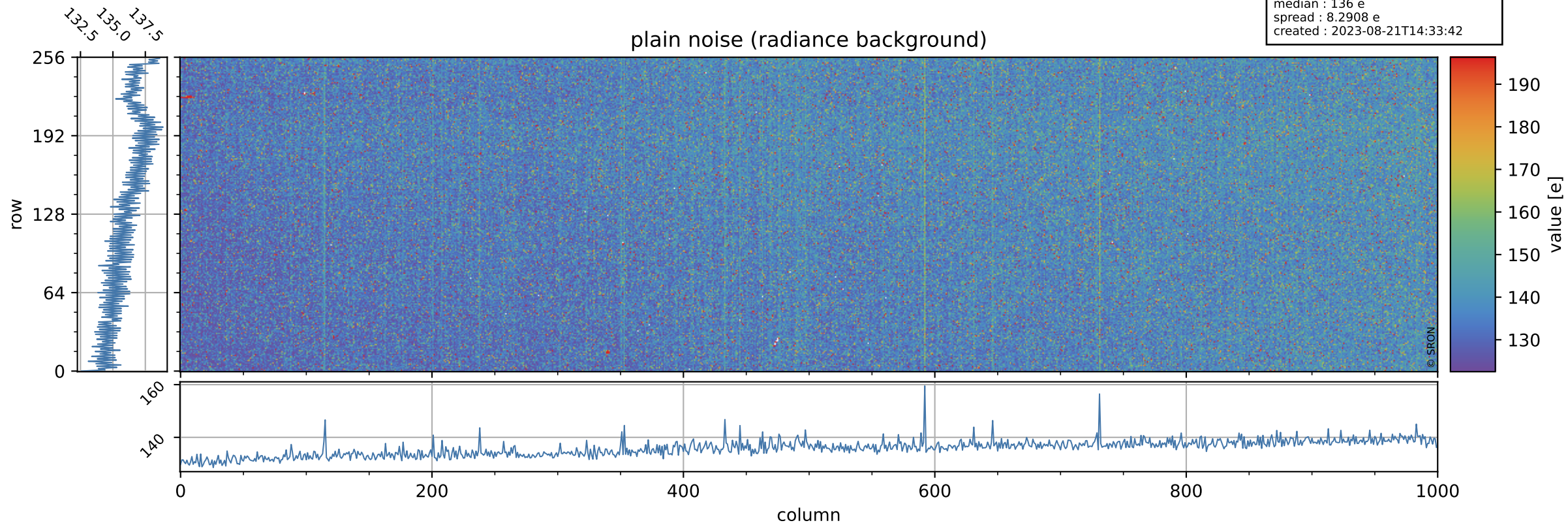
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2908 e
created : 2023-08-21T14:33:42

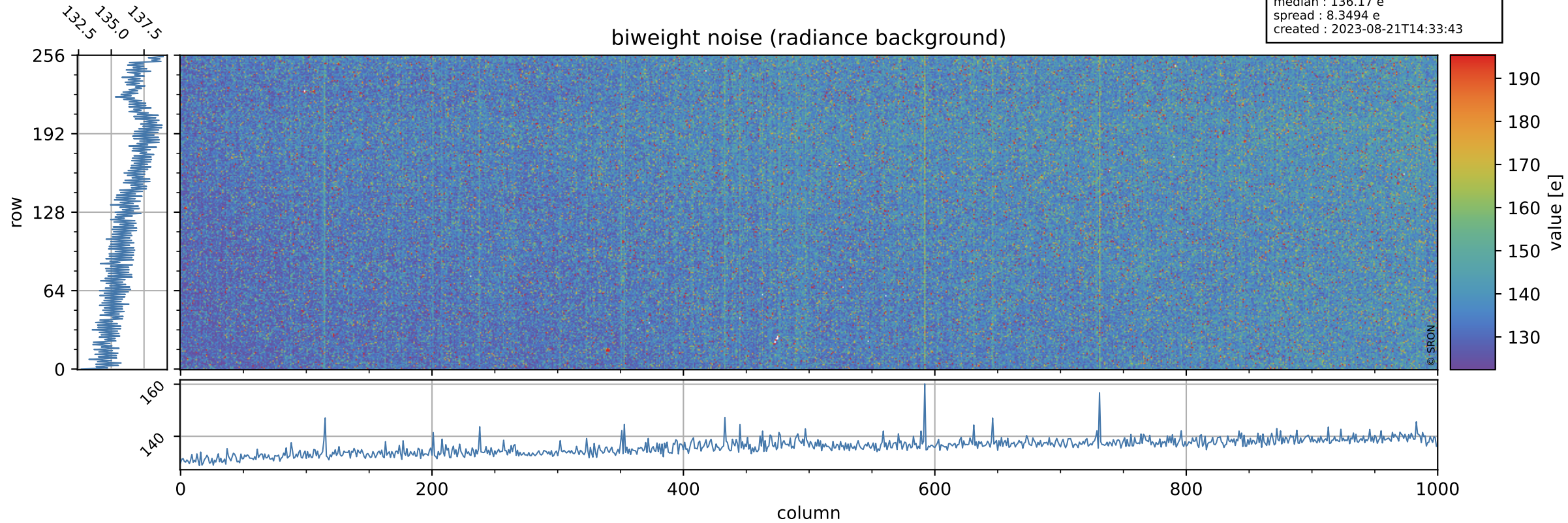
plain noise (radiance background)



Tropomi SWIR background noise (swir)

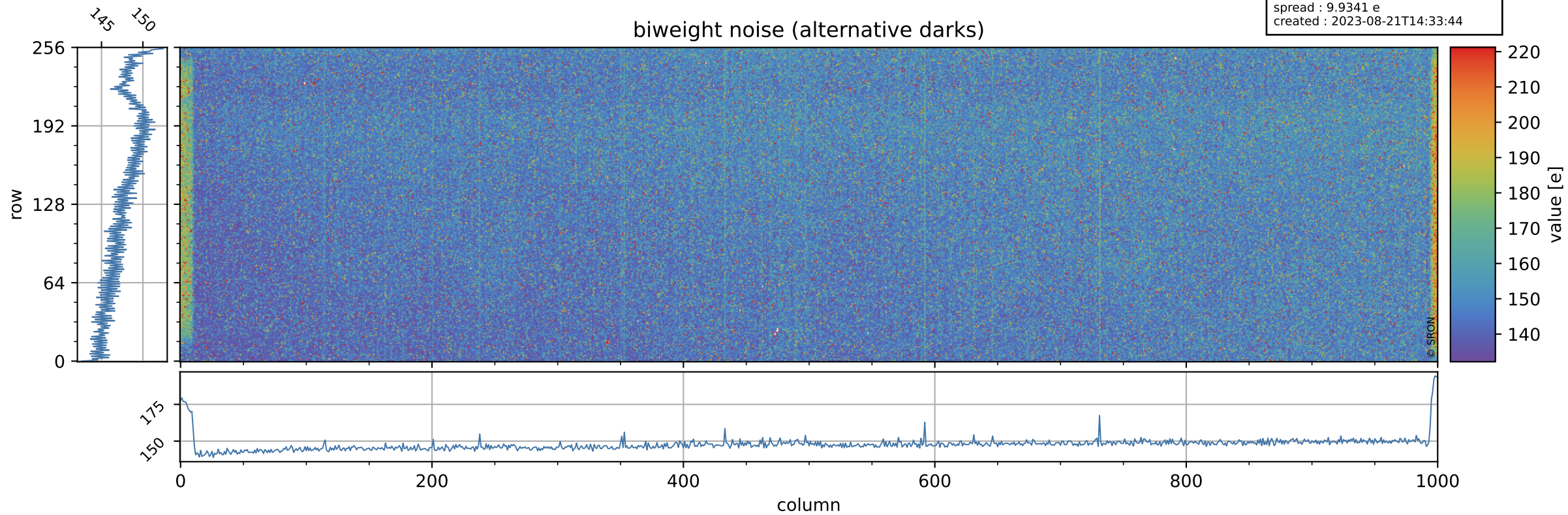
orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3494 e
created : 2023-08-21T14:33:43

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

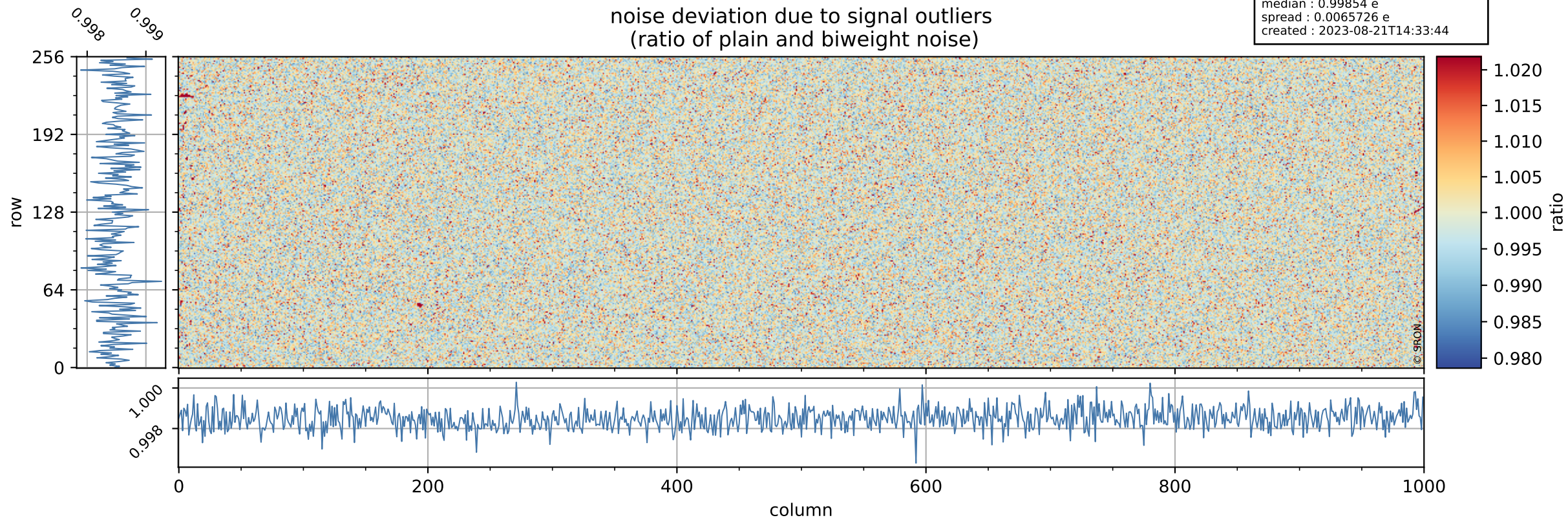
orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9341 e
created : 2023-08-21T14:33:44



Tropomi SWIR background noise (swir)

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

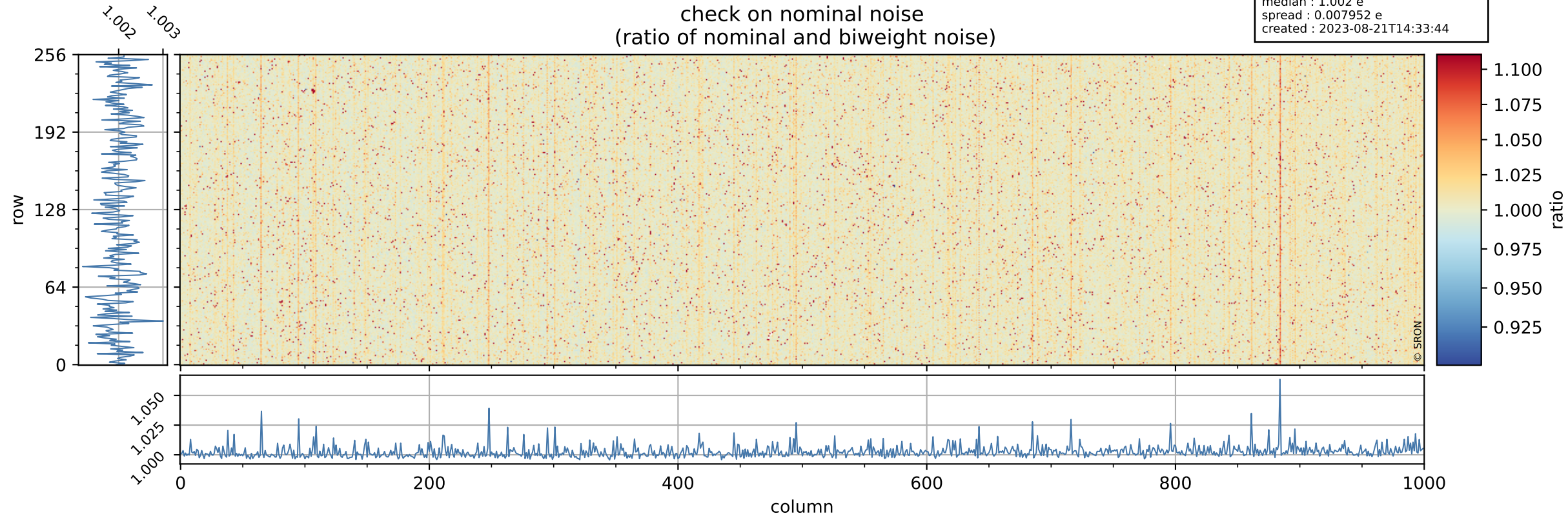
orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
median : 0.99854 e
spread : 0.0065726 e
created : 2023-08-21T14:33:44



Tropomi SWIR background noise (swir)

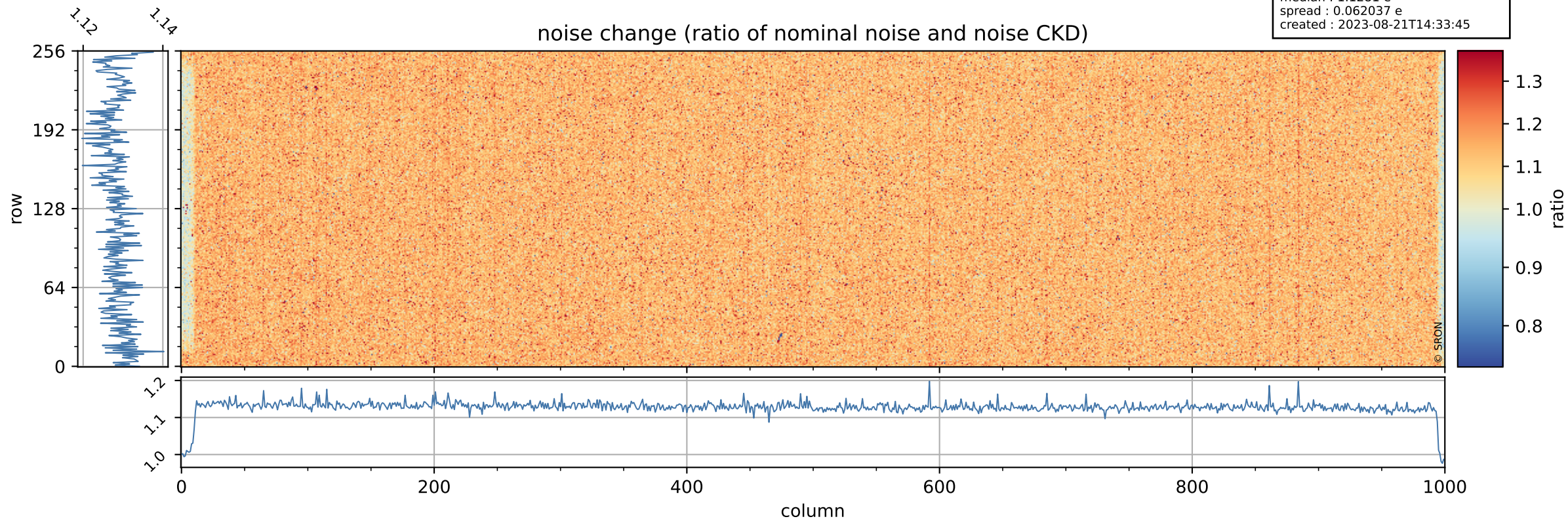
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
median : 1.002 e
spread : 0.007952 e
created : 2023-08-21T14:33:44



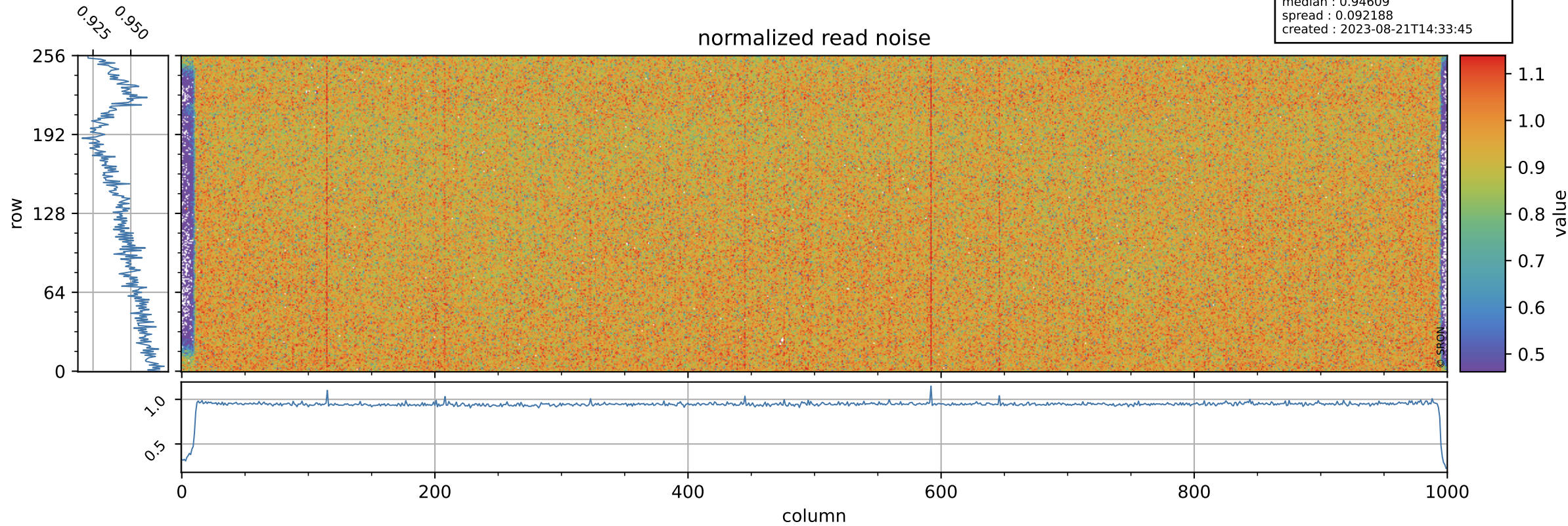
Tropomi SWIR background noise (swir)

orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
median : 1.1281 e
spread : 0.062037 e
created : 2023-08-21T14:33:45



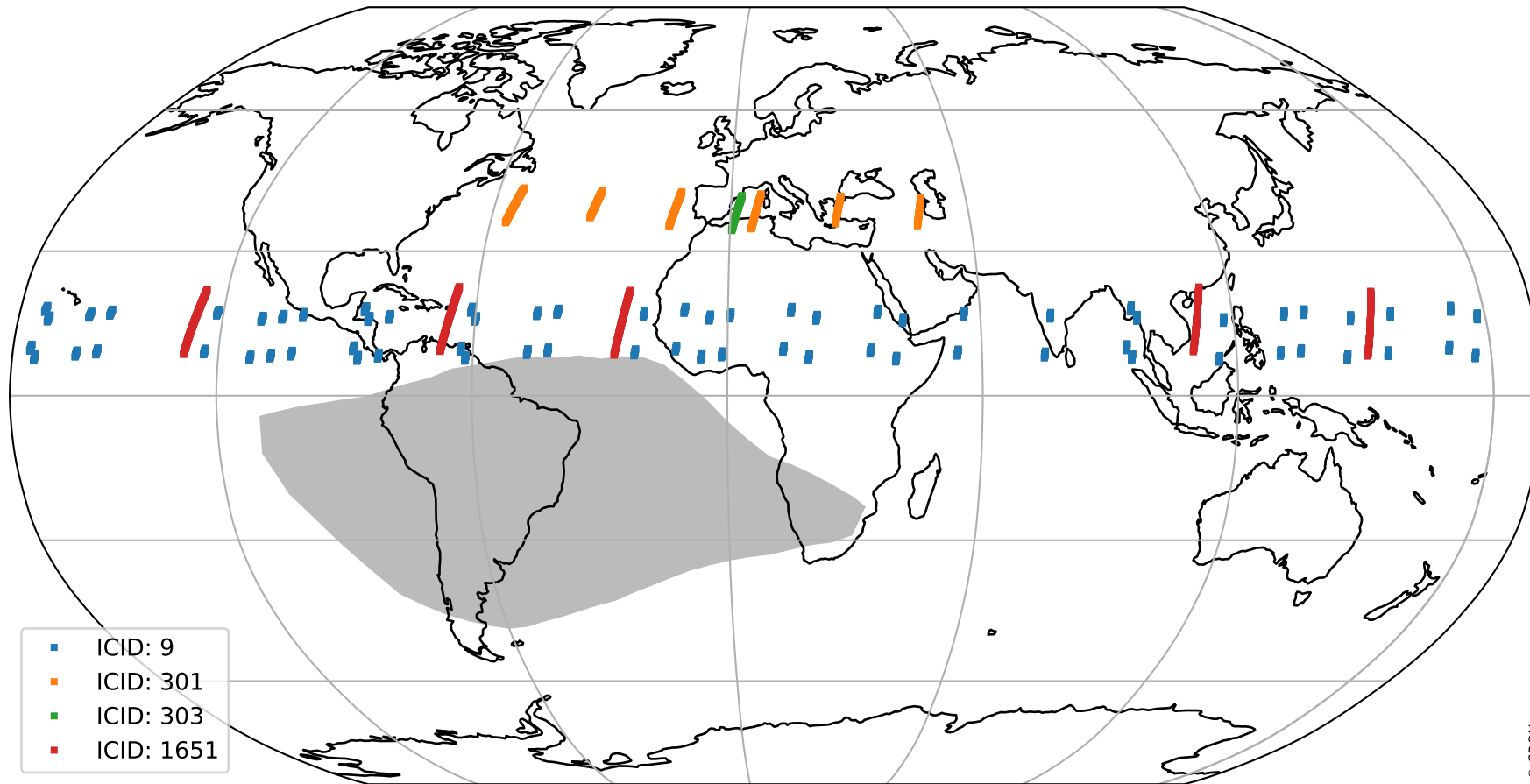
Tropomi SWIR background noise (swir)

orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
median : 0.94609
spread : 0.092188
created : 2023-08-21T14:33:45



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

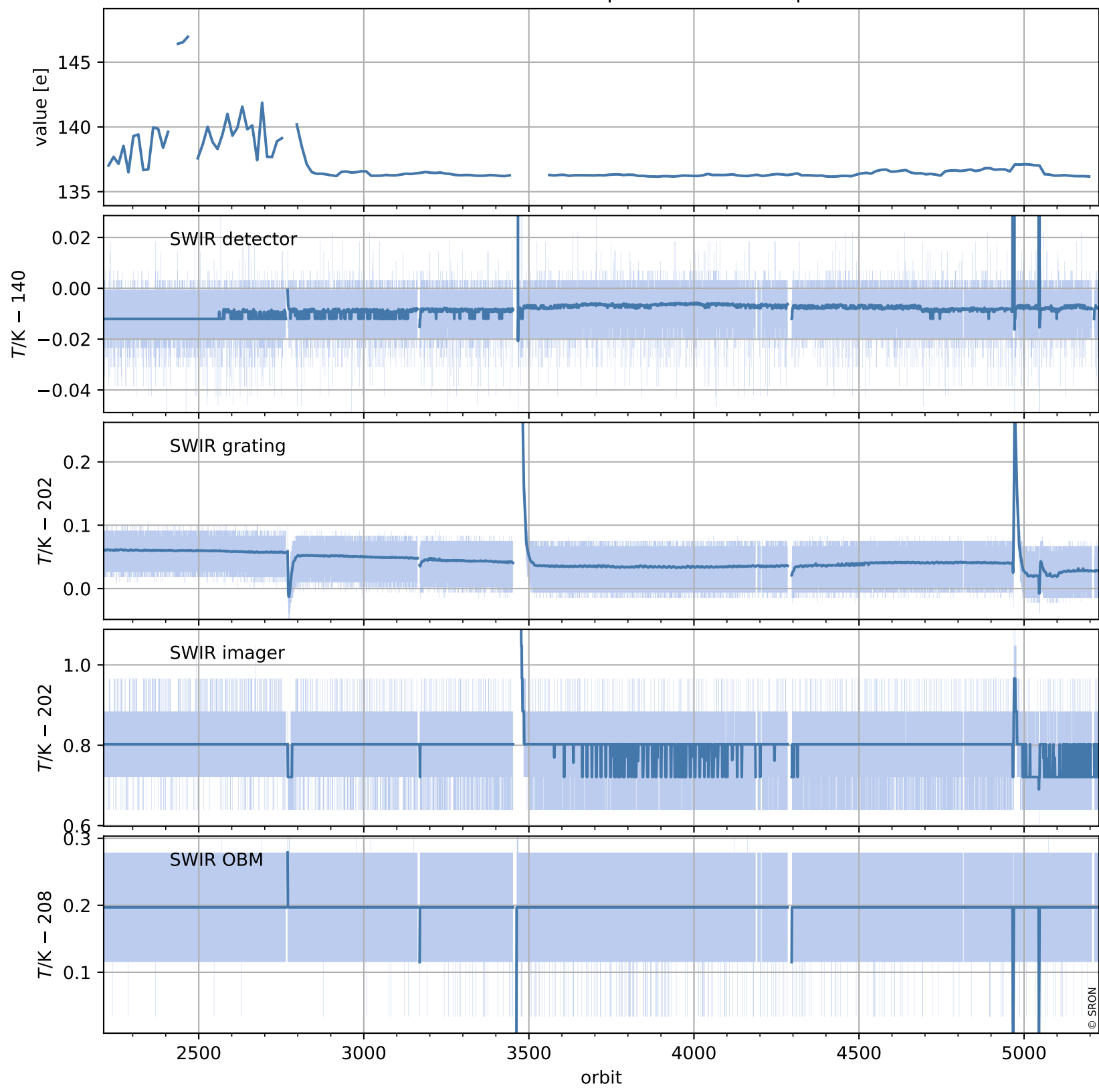
orbits : 12 in [5152, 5227]
coverage : 2018-10-10 / 2018-10-16
created : 2023-08-21T14:33:46



Tropomi SWIR background noise (swir)

orbits : [2212, 5227]
coverage : 2018-03-18 / 2018-10-16
created : 2023-08-21T14:33:46

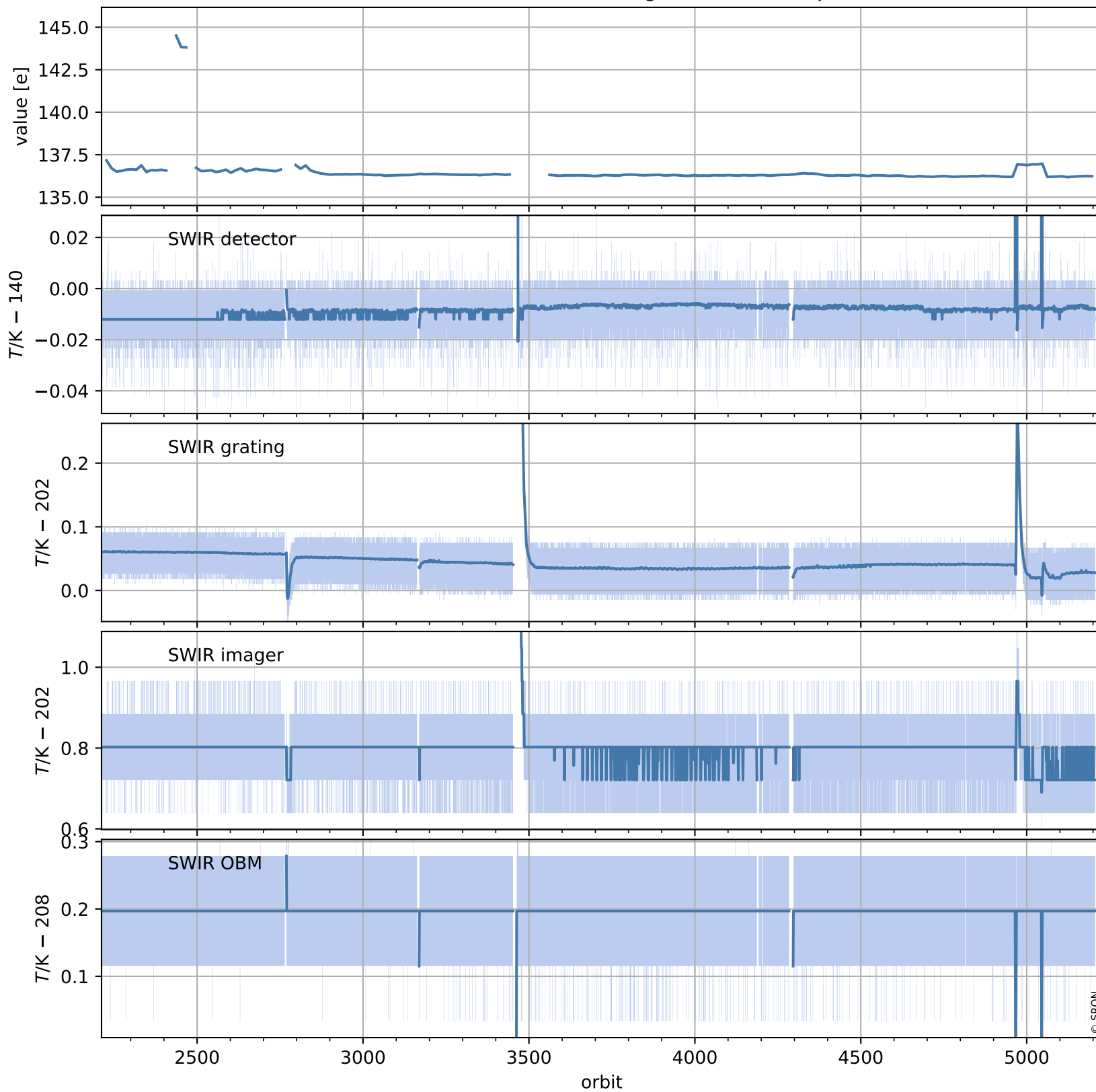
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5227]
coverage : 2018-03-18 / 2018-10-16
created : 2023-08-21T14:33:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5227]
coverage : 2018-03-18 / 2018-10-16
created : 2023-08-21T14:33:48

trend of normalized read-noise & temperatures

