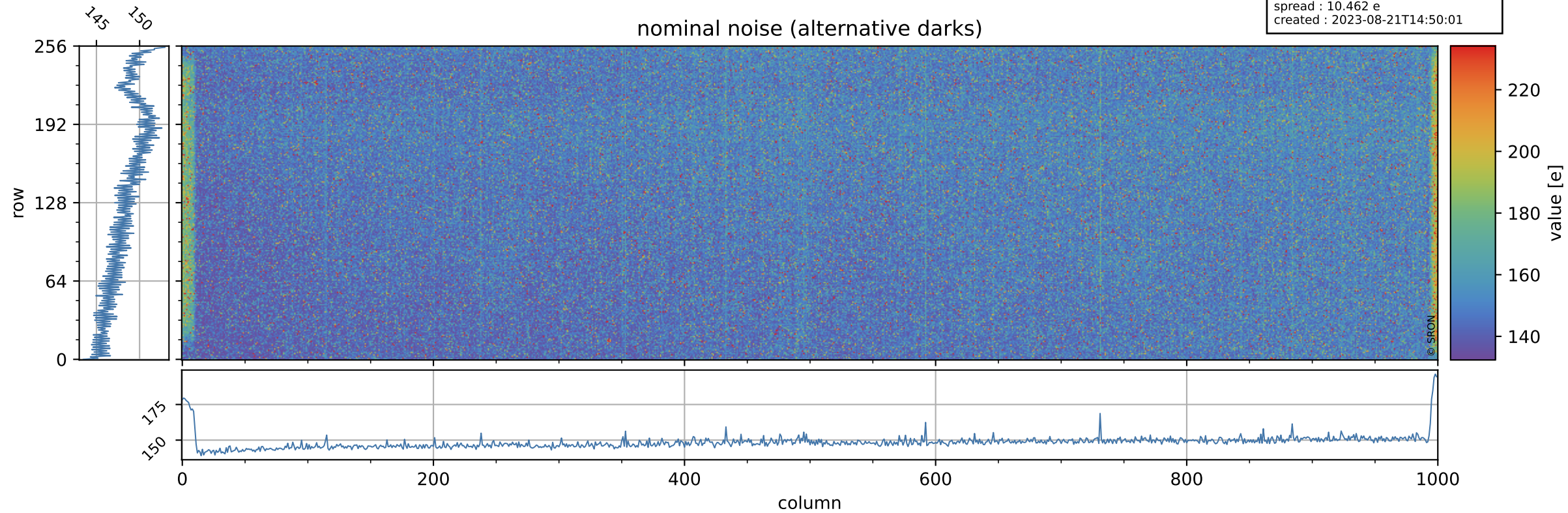


Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
n_coad, t_exp : 1, 1.0783
median : 148.29 e
spread : 10.462 e
created : 2023-08-21T14:50:01

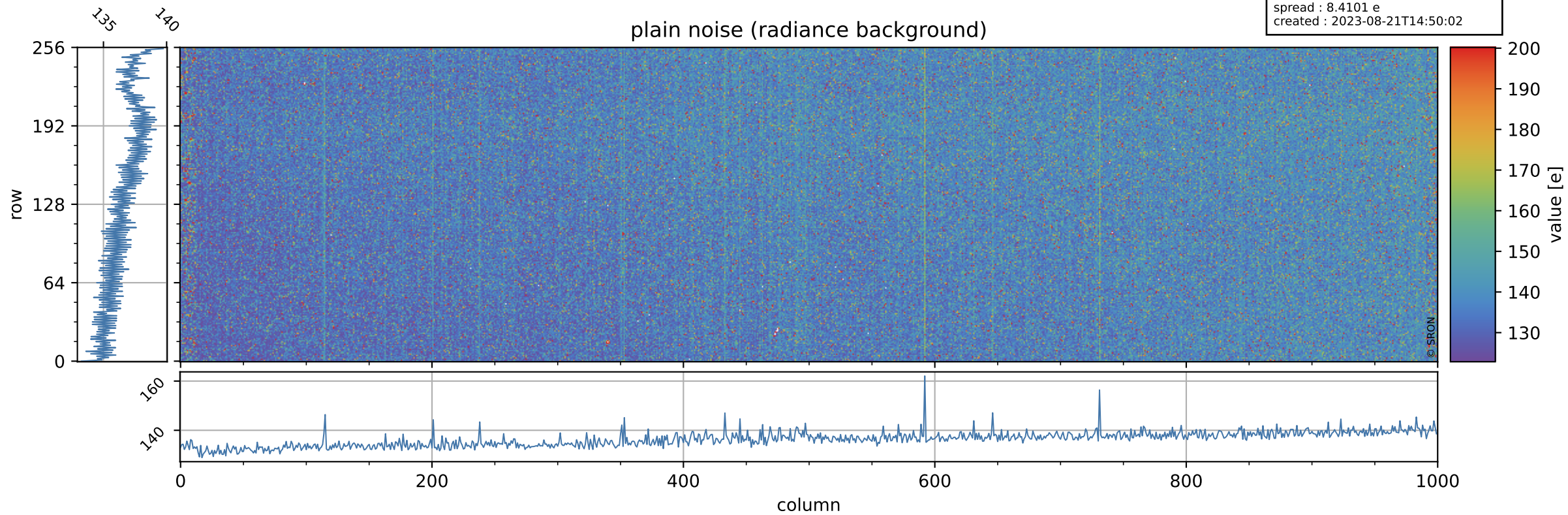
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
n_coad, t_exp : 2, 0.5383
median : 136.51 e
spread : 8.4101 e
created : 2023-08-21T14:50:02

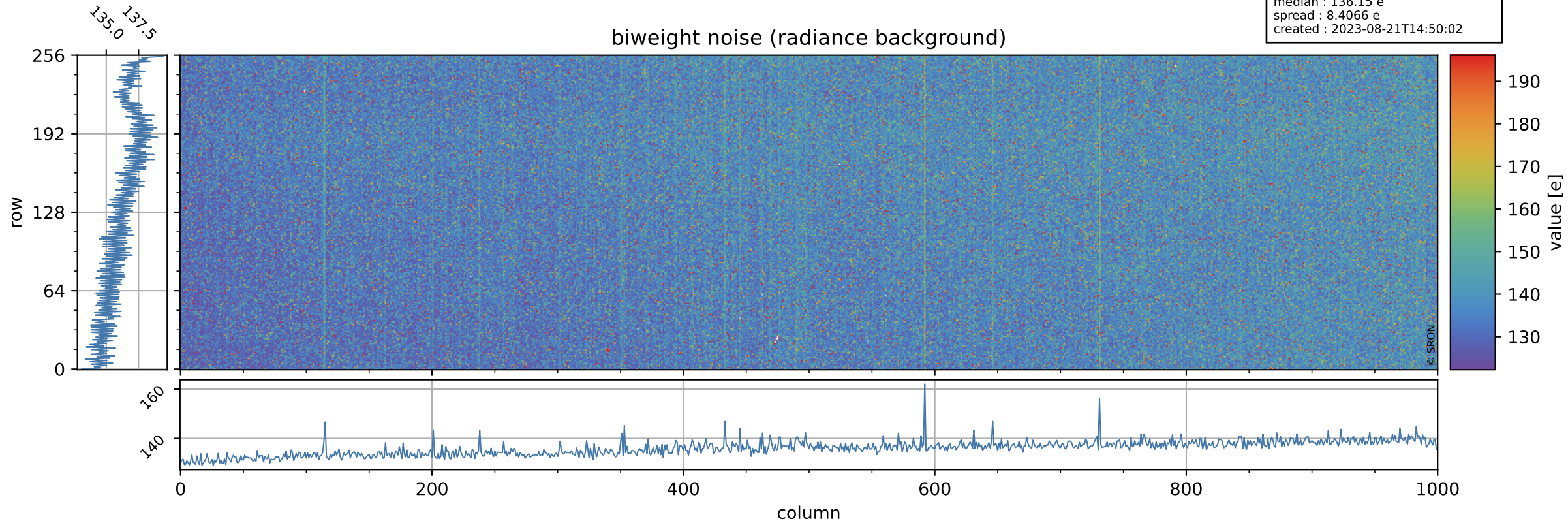
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.4066 e
created : 2023-08-21T14:50:02

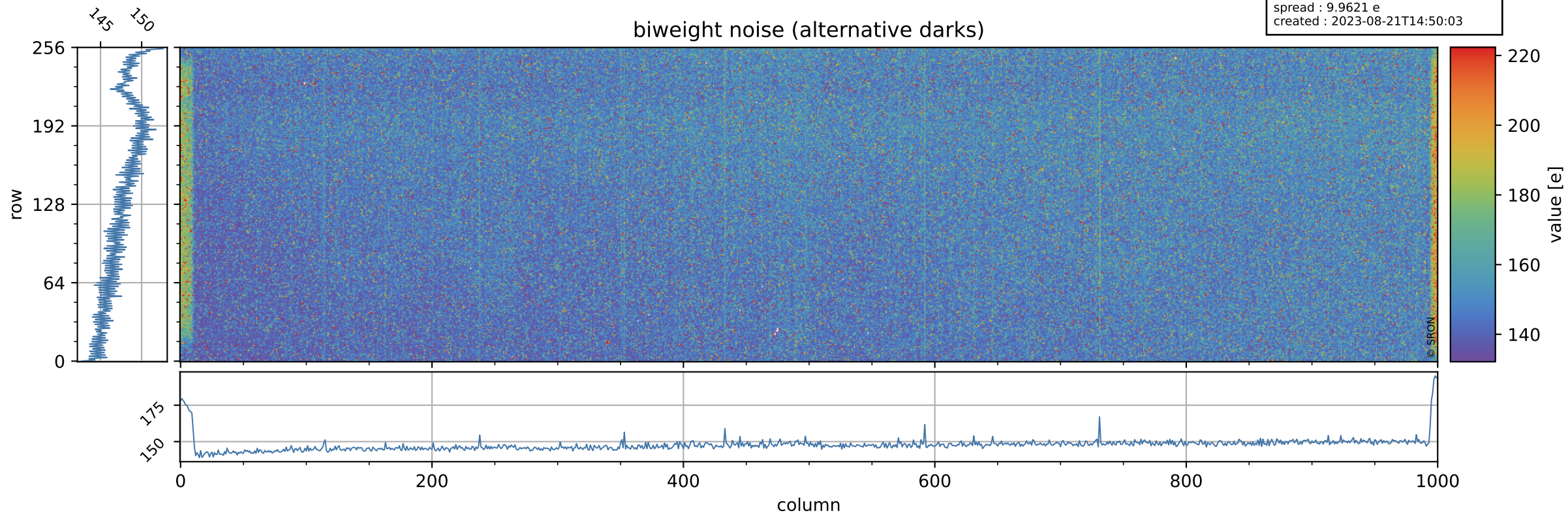
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9621 e
created : 2023-08-21T14:50:03

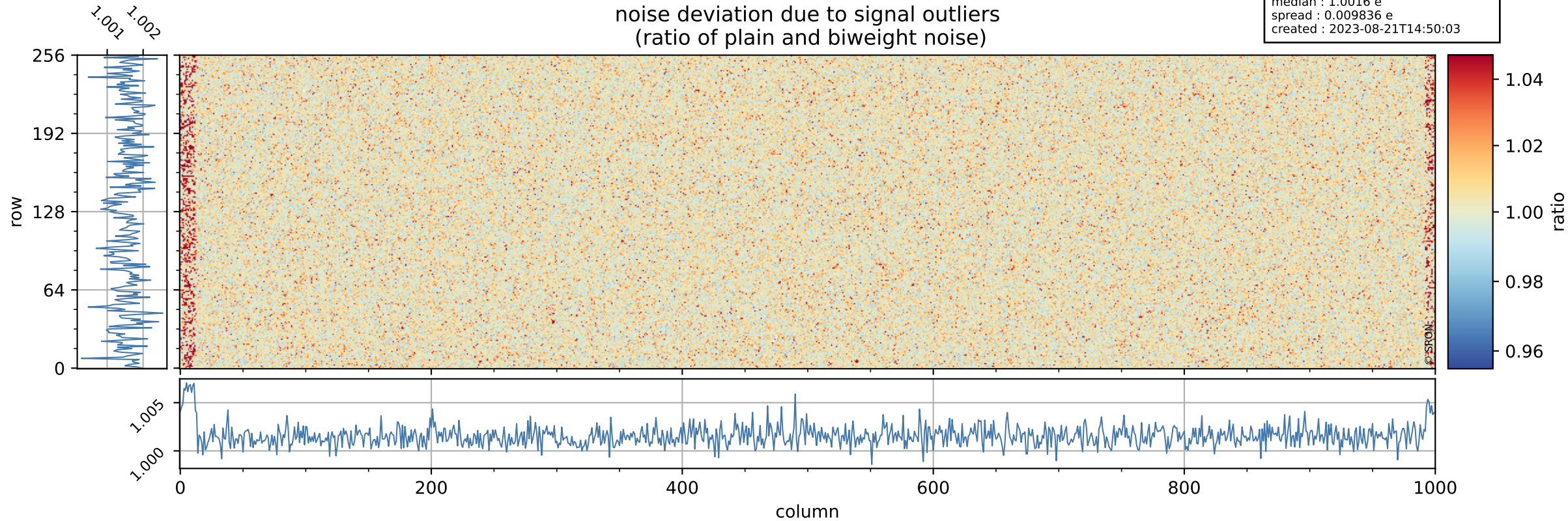
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

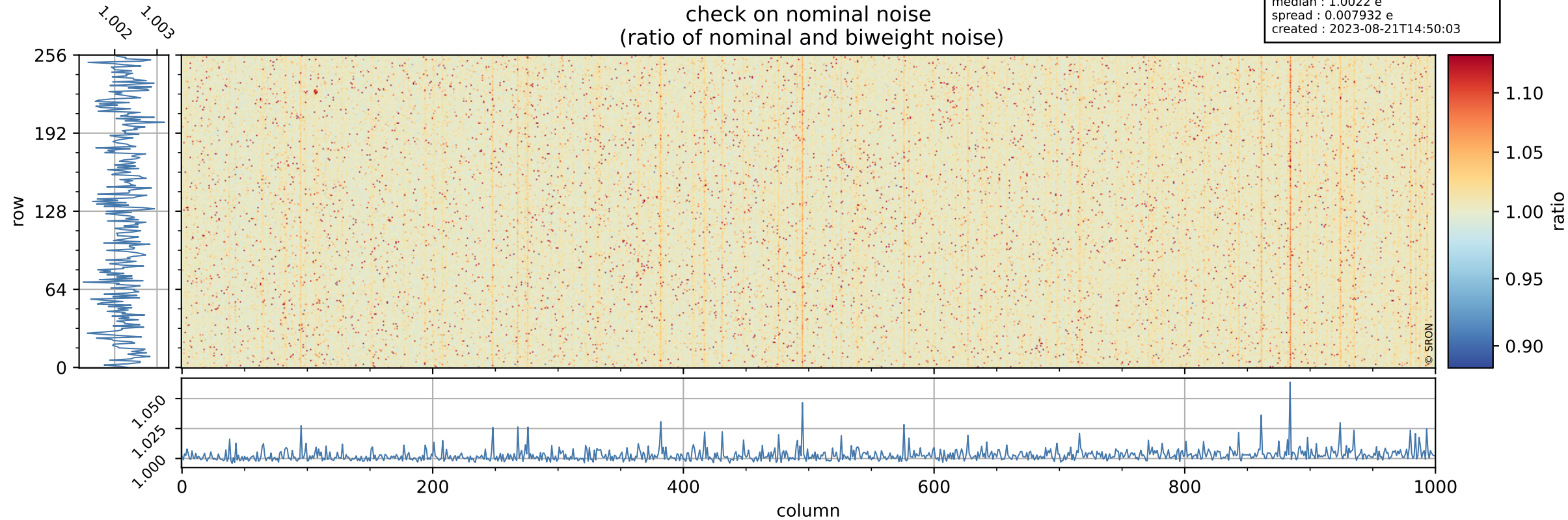
orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
median : 1.0016 e
spread : 0.009836 e
created : 2023-08-21T14:50:03



Tropomi SWIR background noise (swir)

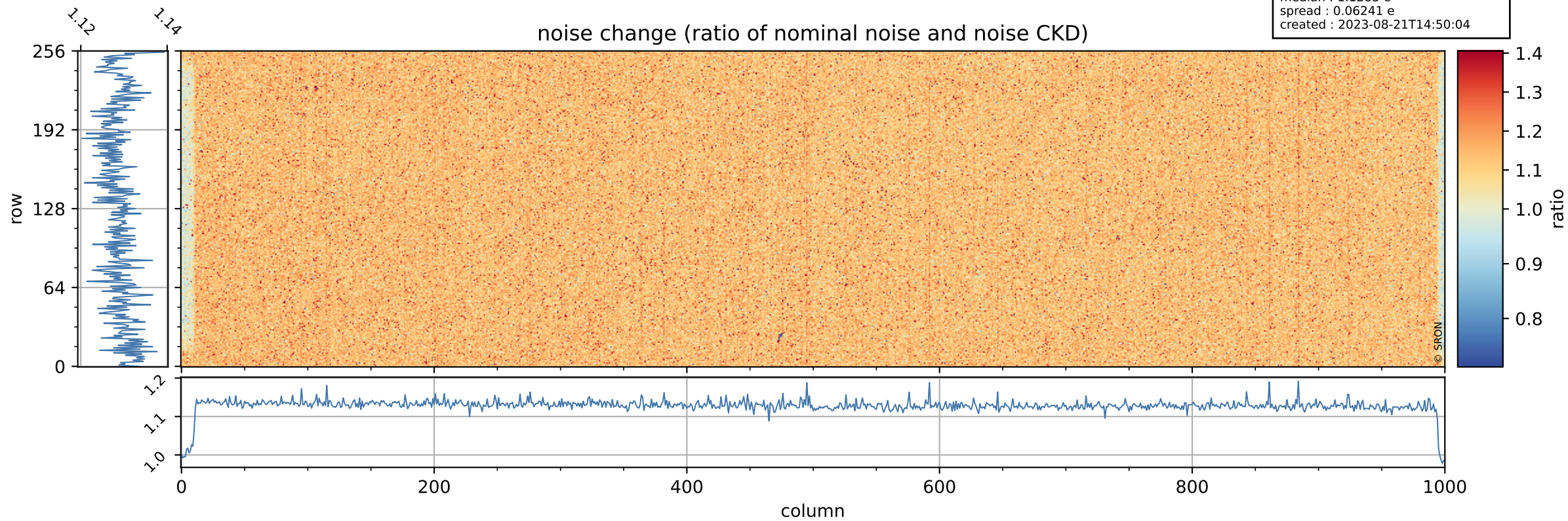
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
median : 1.0022 e
spread : 0.007932 e
created : 2023-08-21T14:50:03



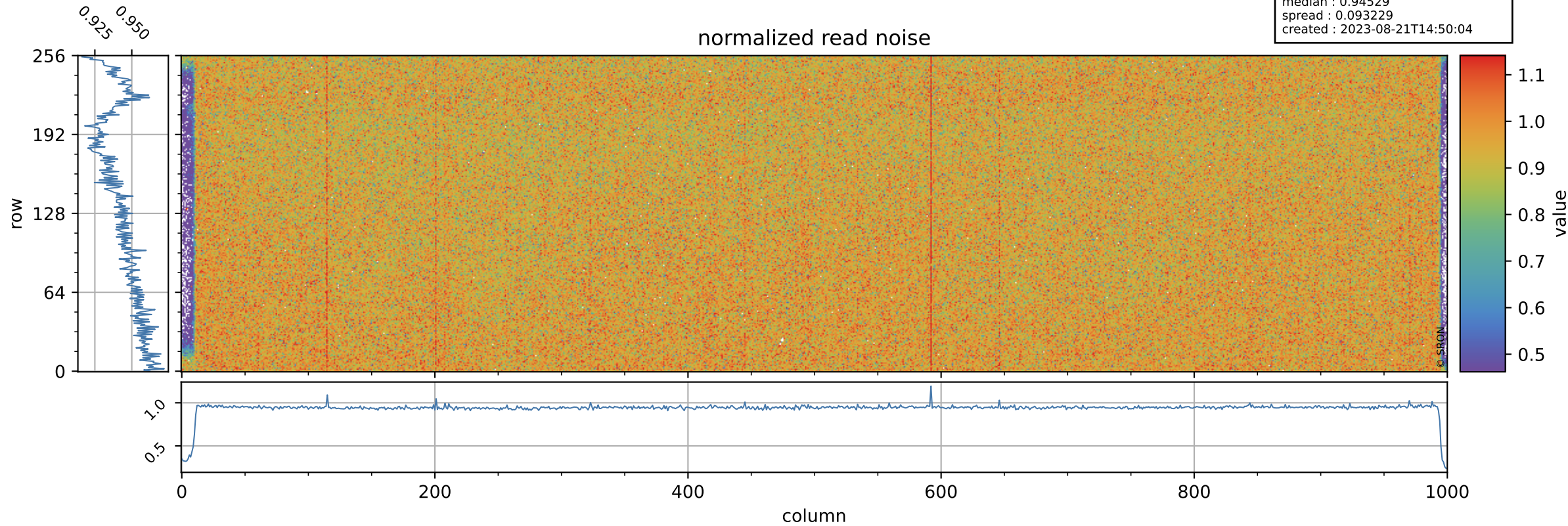
Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
median : 1.1283 e
spread : 0.06241 e
created : 2023-08-21T14:50:04



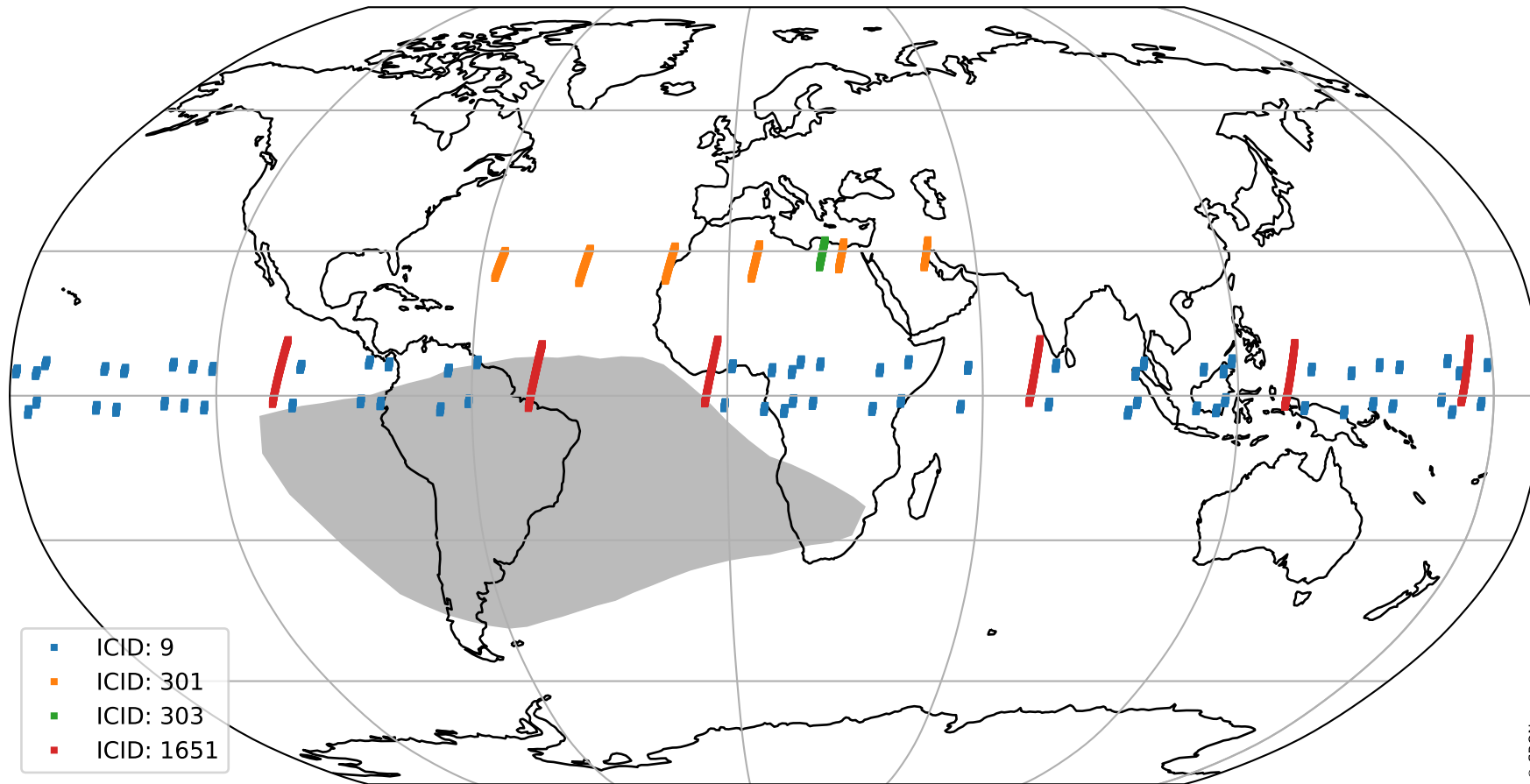
Tropomi SWIR background noise (swir)

orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
median : 0.94529
spread : 0.093229
created : 2023-08-21T14:50:04



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

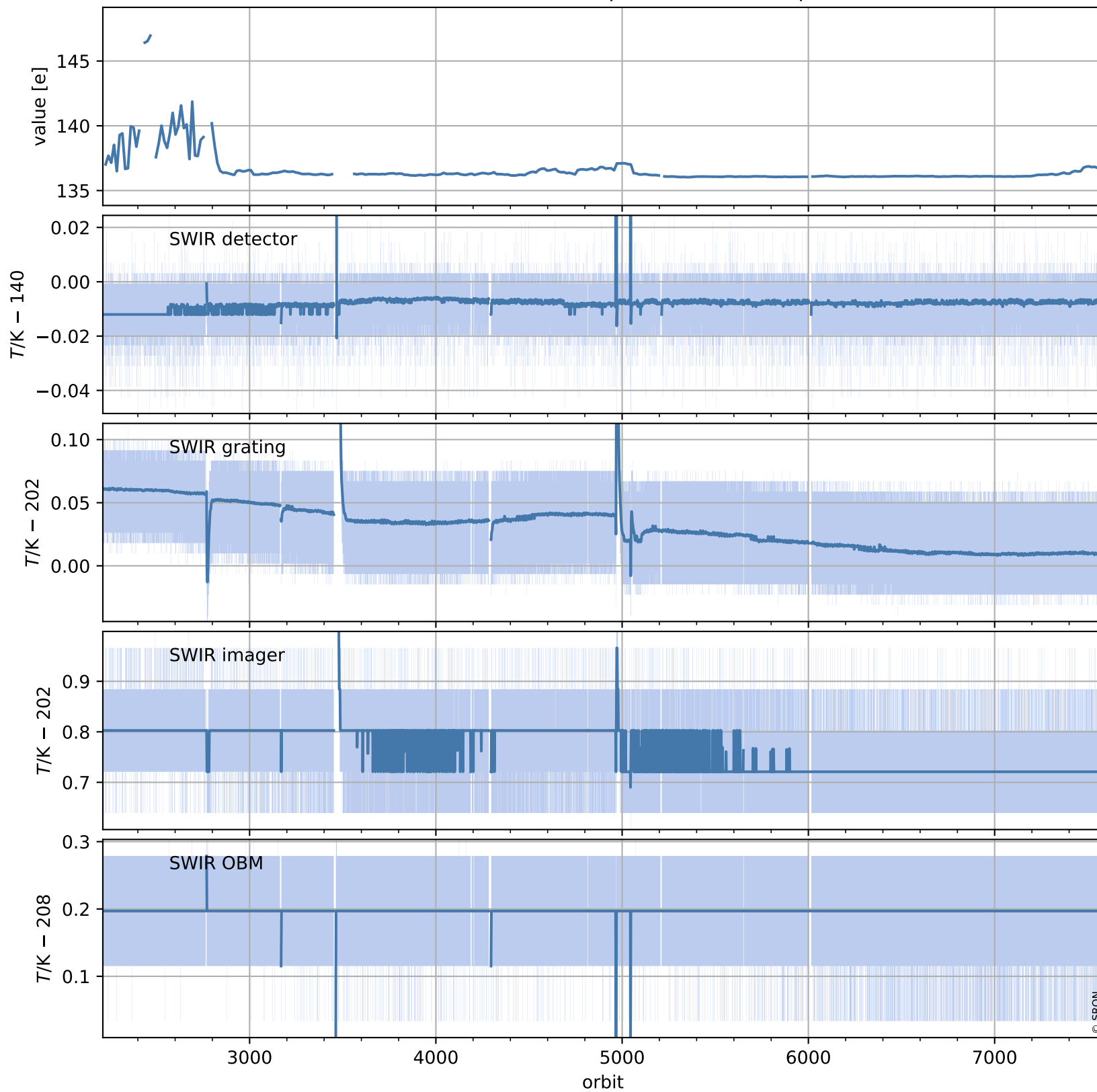
orbits : 13 in [7507, 7582]
coverage : 2019-03-25 / 2019-03-31
created : 2023-08-21T14:50:05



Tropomi SWIR background noise (swir)

orbits : [2212, 7582]
coverage : 2018-03-18 / 2019-03-31
created : 2023-08-21T14:50:05

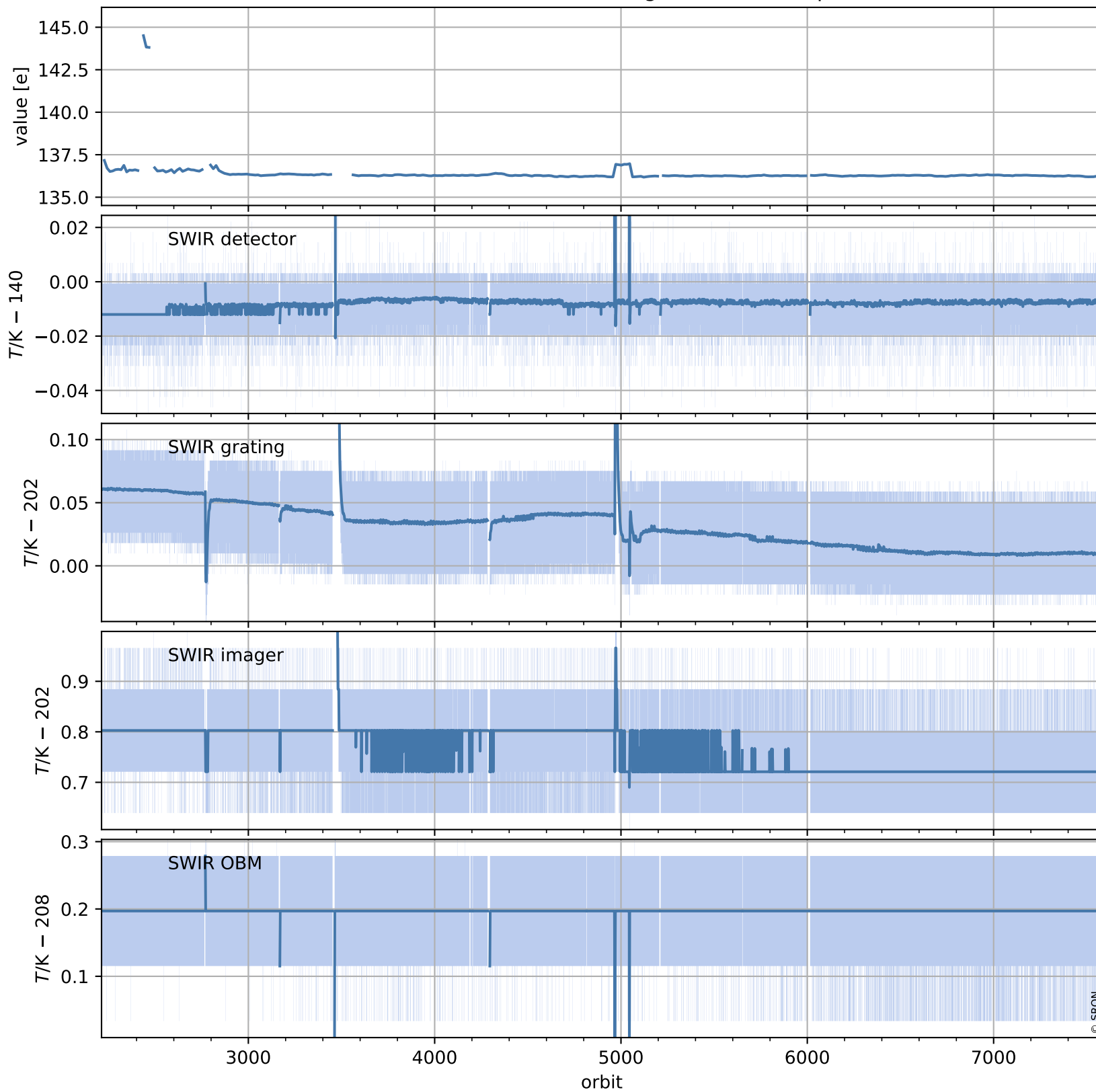
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7582]
coverage : 2018-03-18 / 2019-03-31
created : 2023-08-21T14:50:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7582]
coverage : 2018-03-18 / 2019-03-31
created : 2023-08-21T14:50:07

trend of normalized read-noise & temperatures

