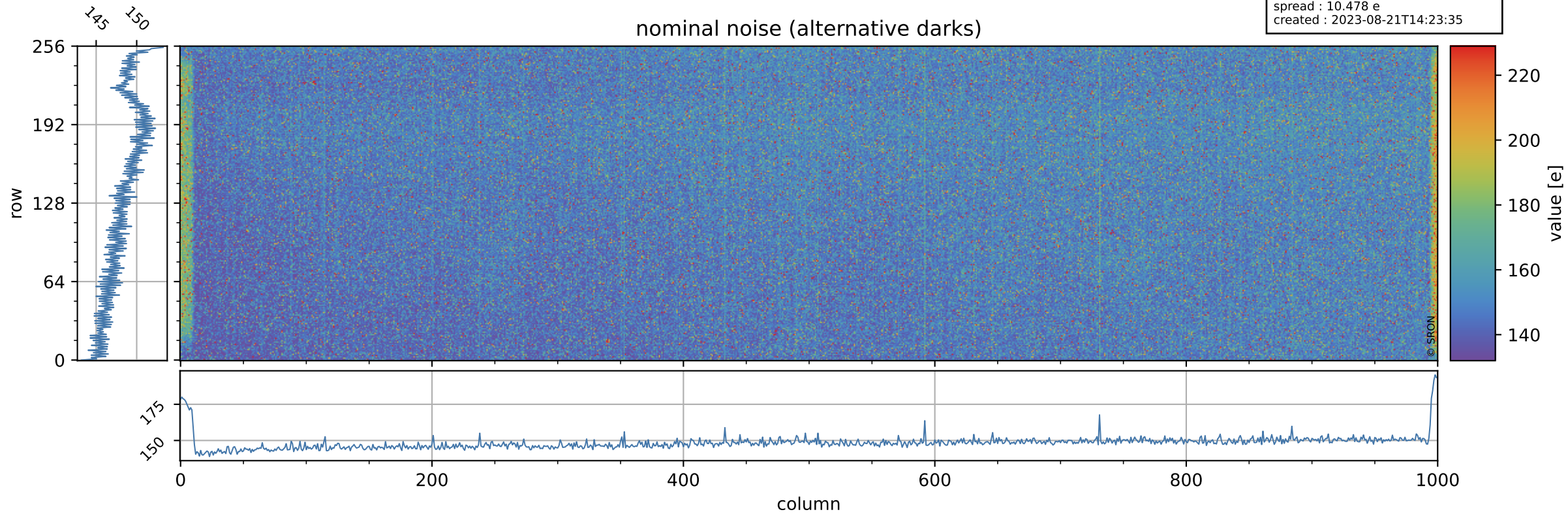


Tropomi SWIR background noise (swir)

orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
n_coad, t_exp : 1, 1.0783
median : 148.22 e
spread : 10.478 e
created : 2023-08-21T14:23:35

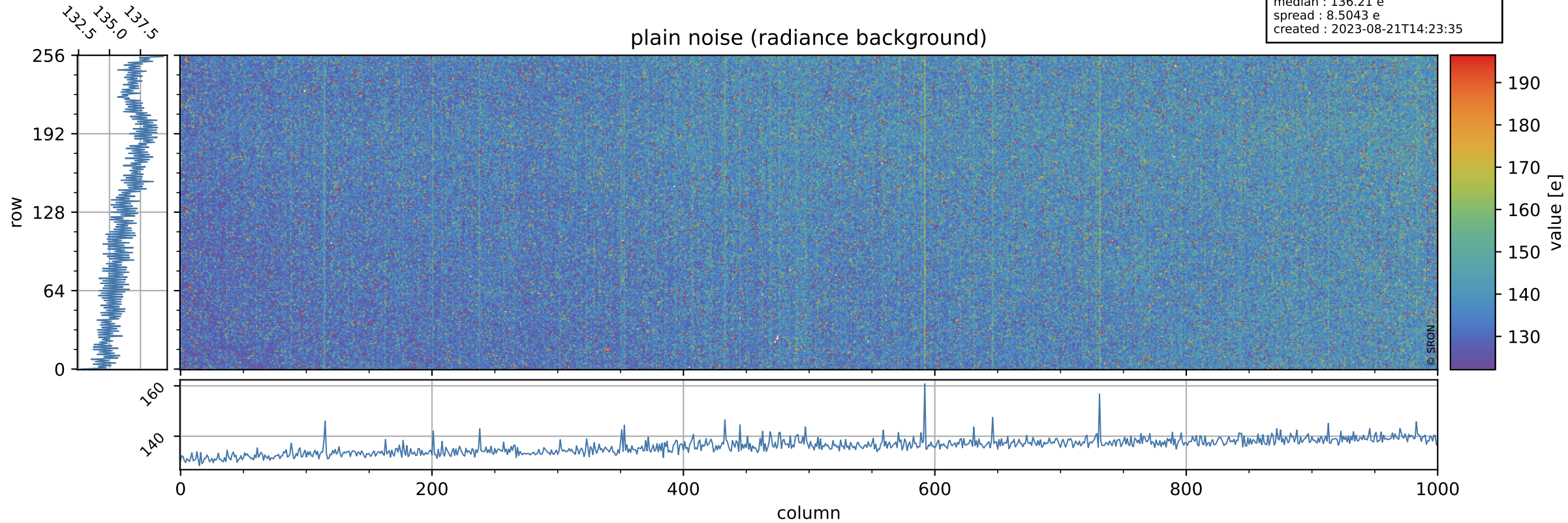
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5043 e
created : 2023-08-21T14:23:35

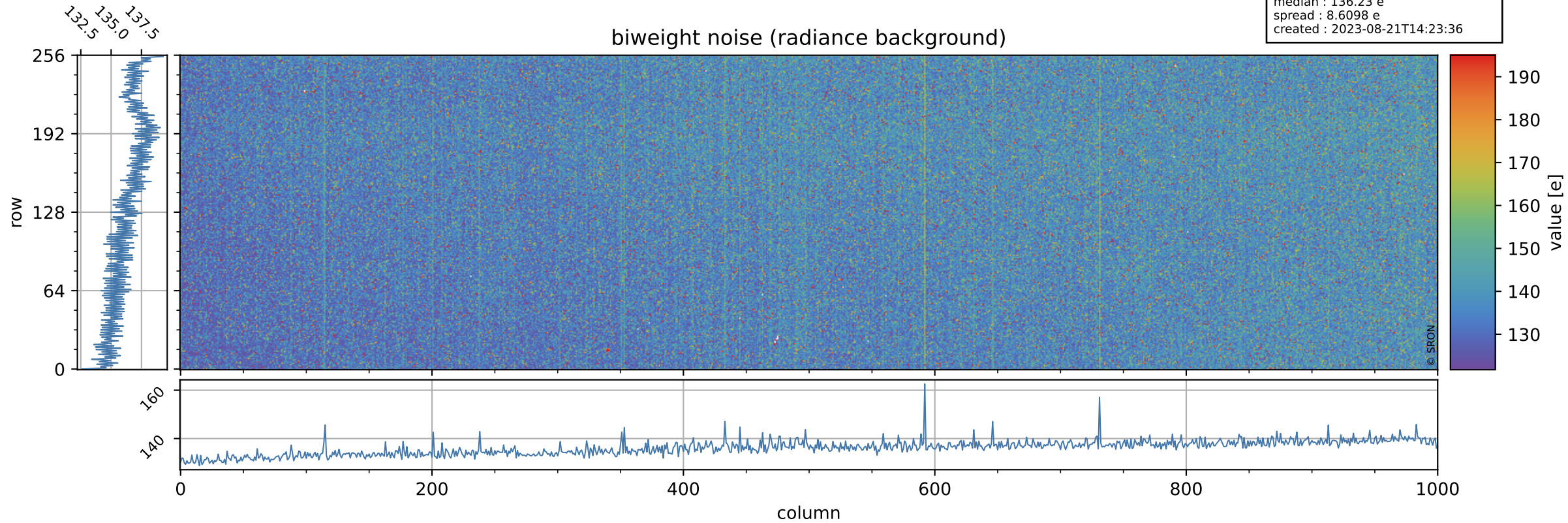
plain noise (radiance background)



Tropomi SWIR background noise (swir)

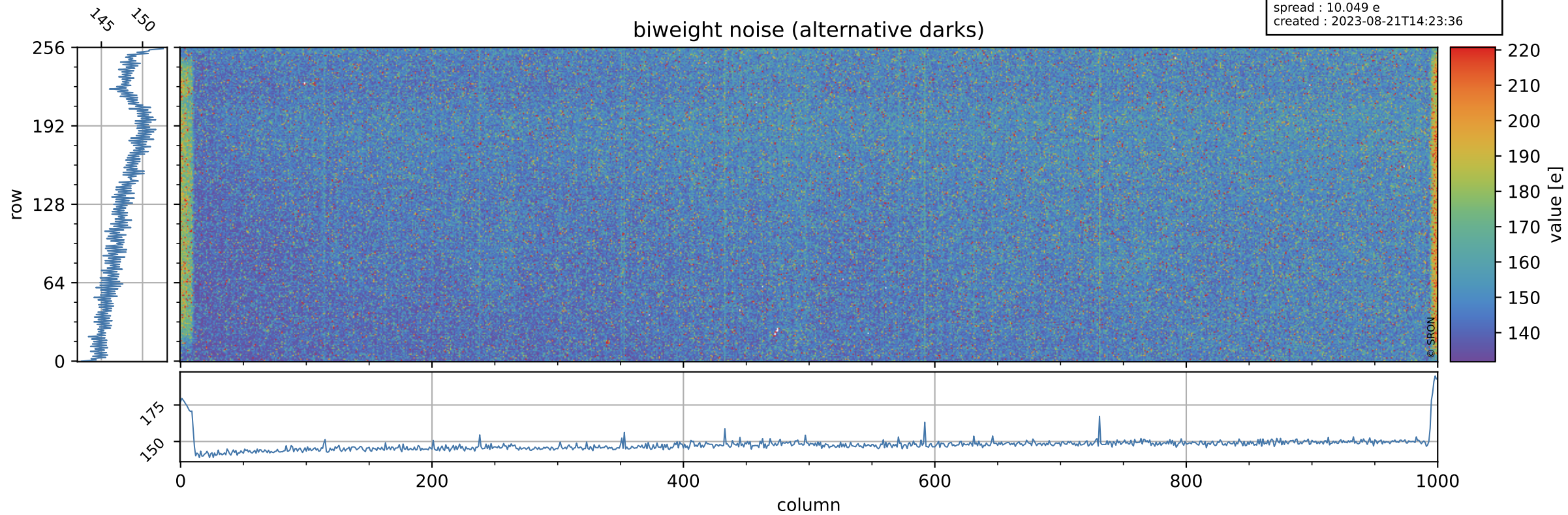
orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.6098 e
created : 2023-08-21T14:23:36

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

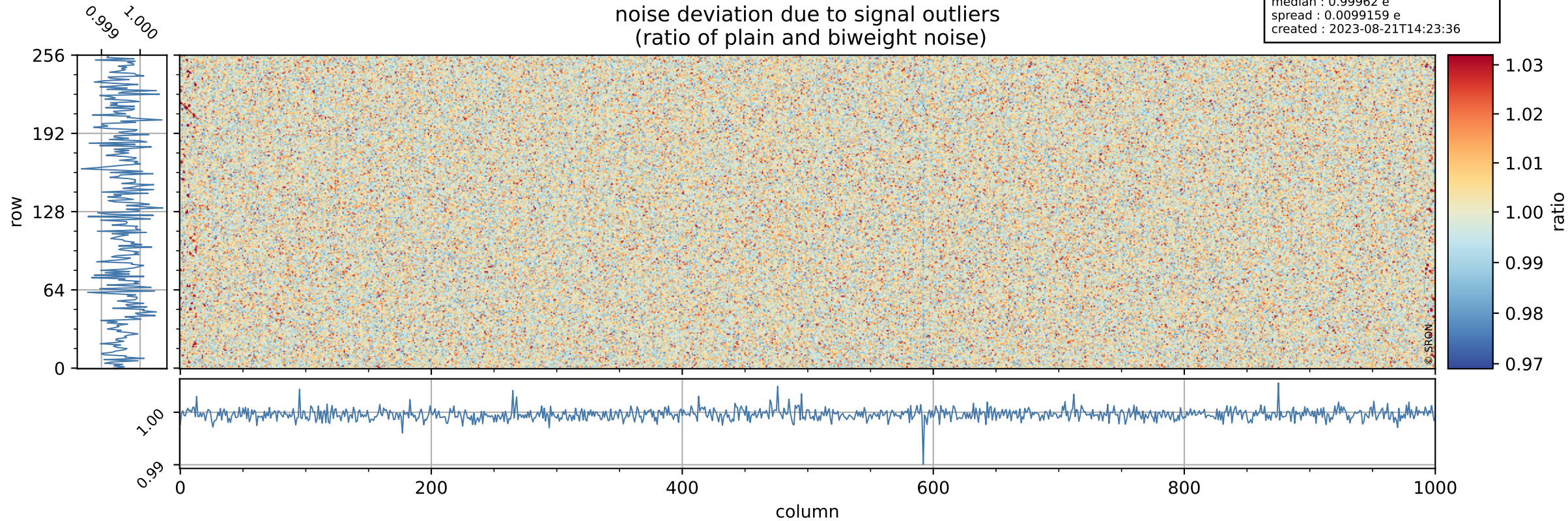
orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 10.049 e
created : 2023-08-21T14:23:36



Tropomi SWIR background noise (swir)

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

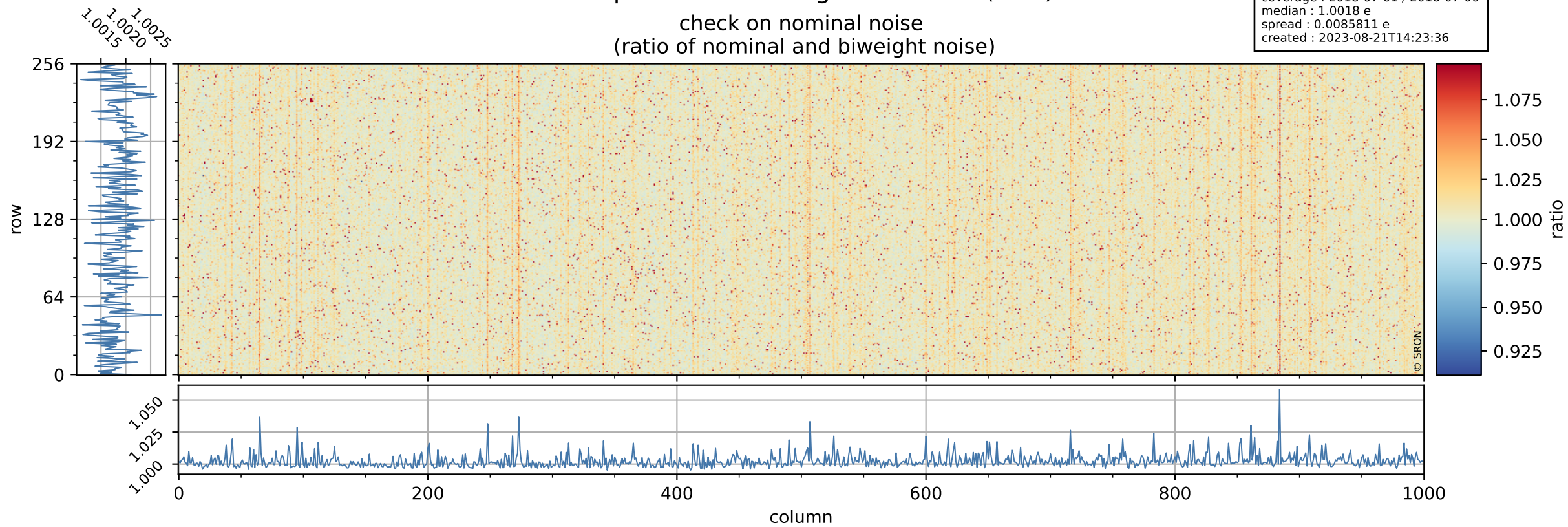
orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
median : 0.99962 e
spread : 0.0099159 e
created : 2023-08-21T14:23:36



Tropomi SWIR background noise (swir)

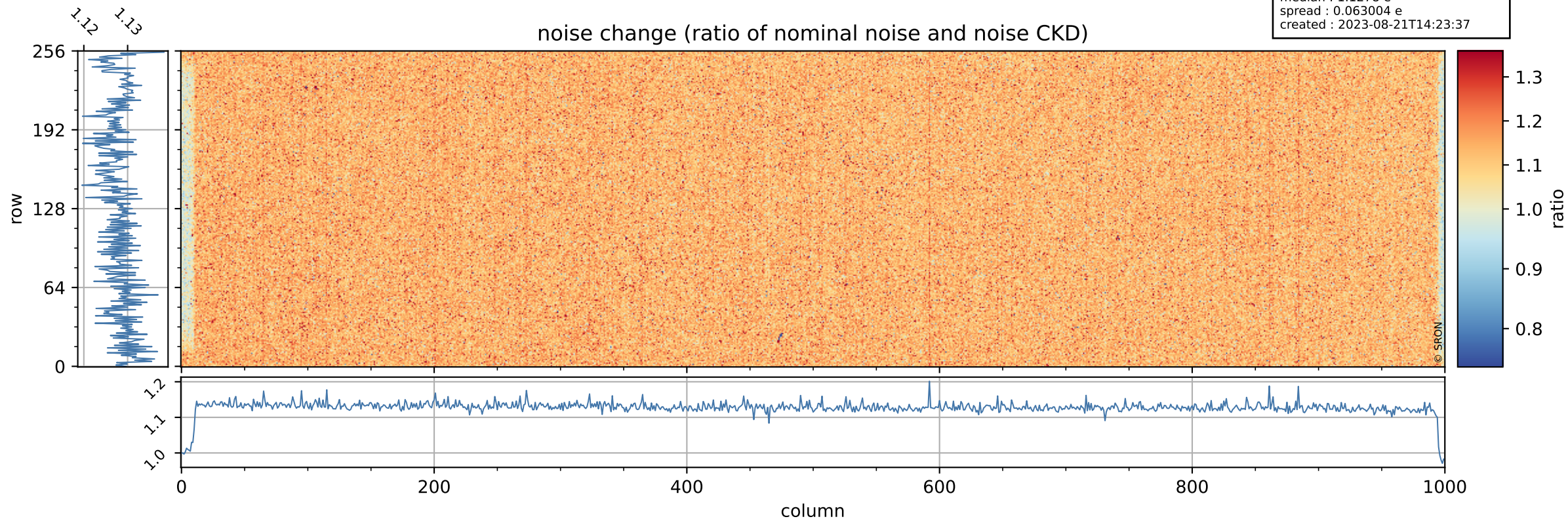
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
median : 1.0018 e
spread : 0.0085811 e
created : 2023-08-21T14:23:36



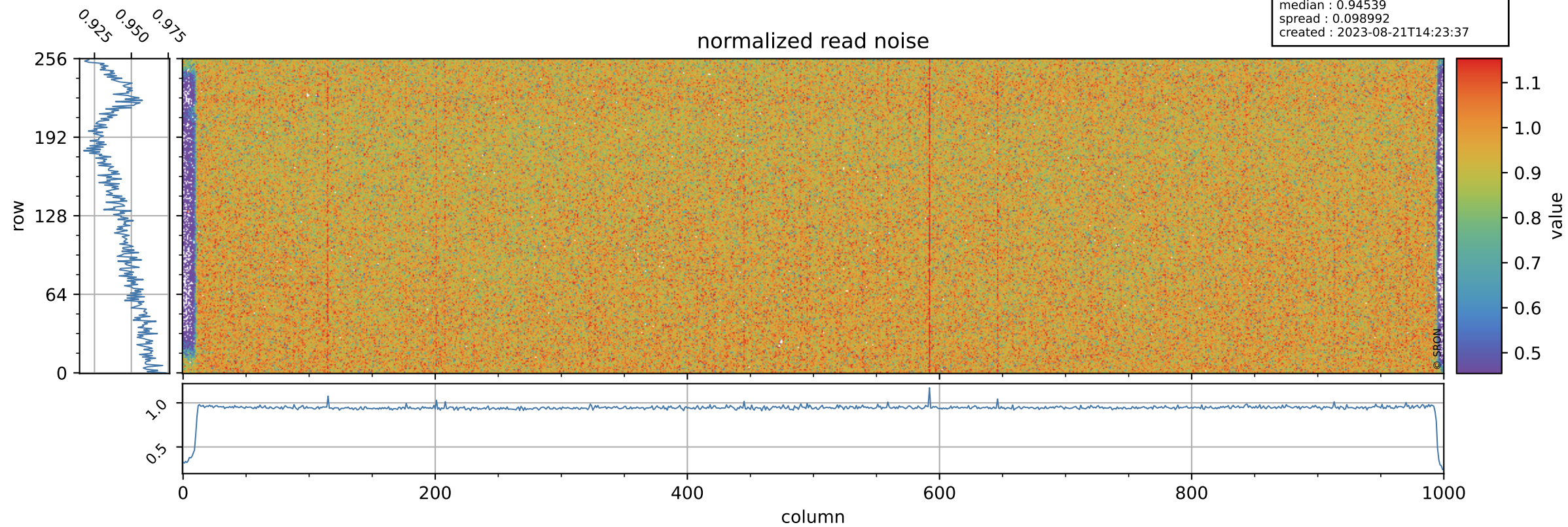
Tropomi SWIR background noise (swir)

orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
median : 1.1278 e
spread : 0.063004 e
created : 2023-08-21T14:23:37



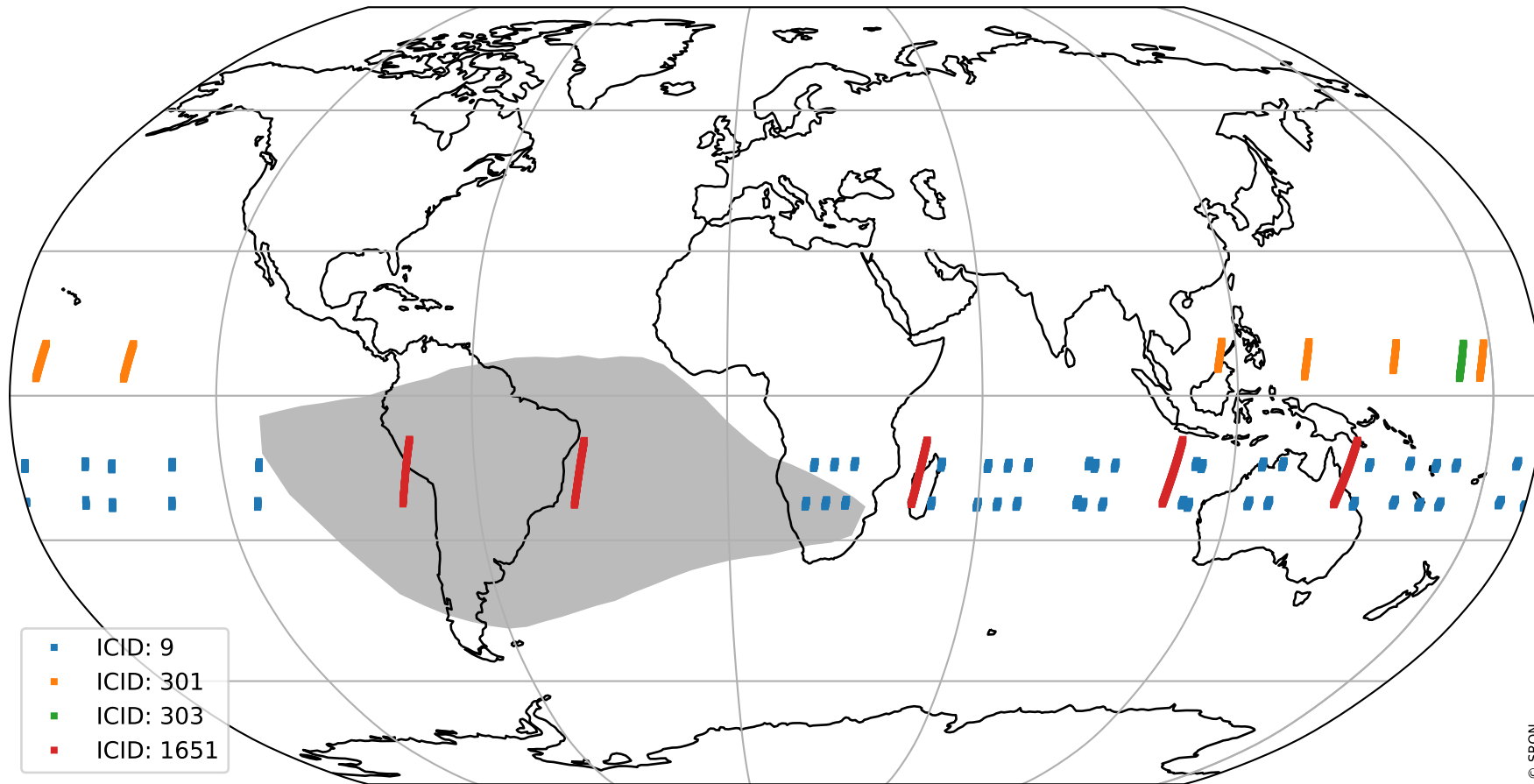
Tropomi SWIR background noise (swir)

orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
median : 0.94539
spread : 0.098992
created : 2023-08-21T14:23:37



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

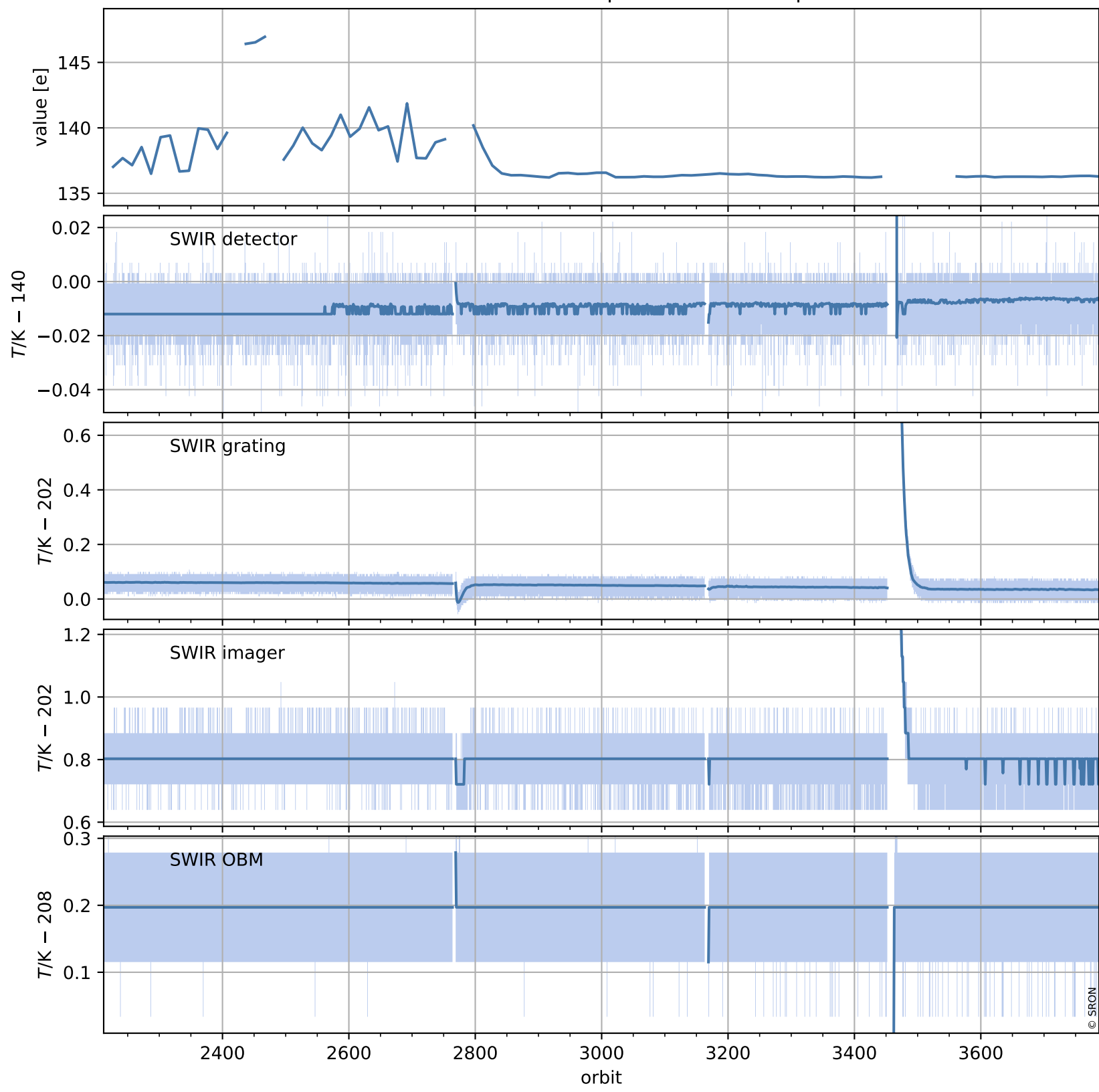
orbits : 12 in [3712, 3787]
coverage : 2018-07-01 / 2018-07-06
created : 2023-08-21T14:23:37



Tropomi SWIR background noise (swir)

orbits : [2212, 3787]
coverage : 2018-03-18 / 2018-07-06
created : 2023-08-21T14:23:38

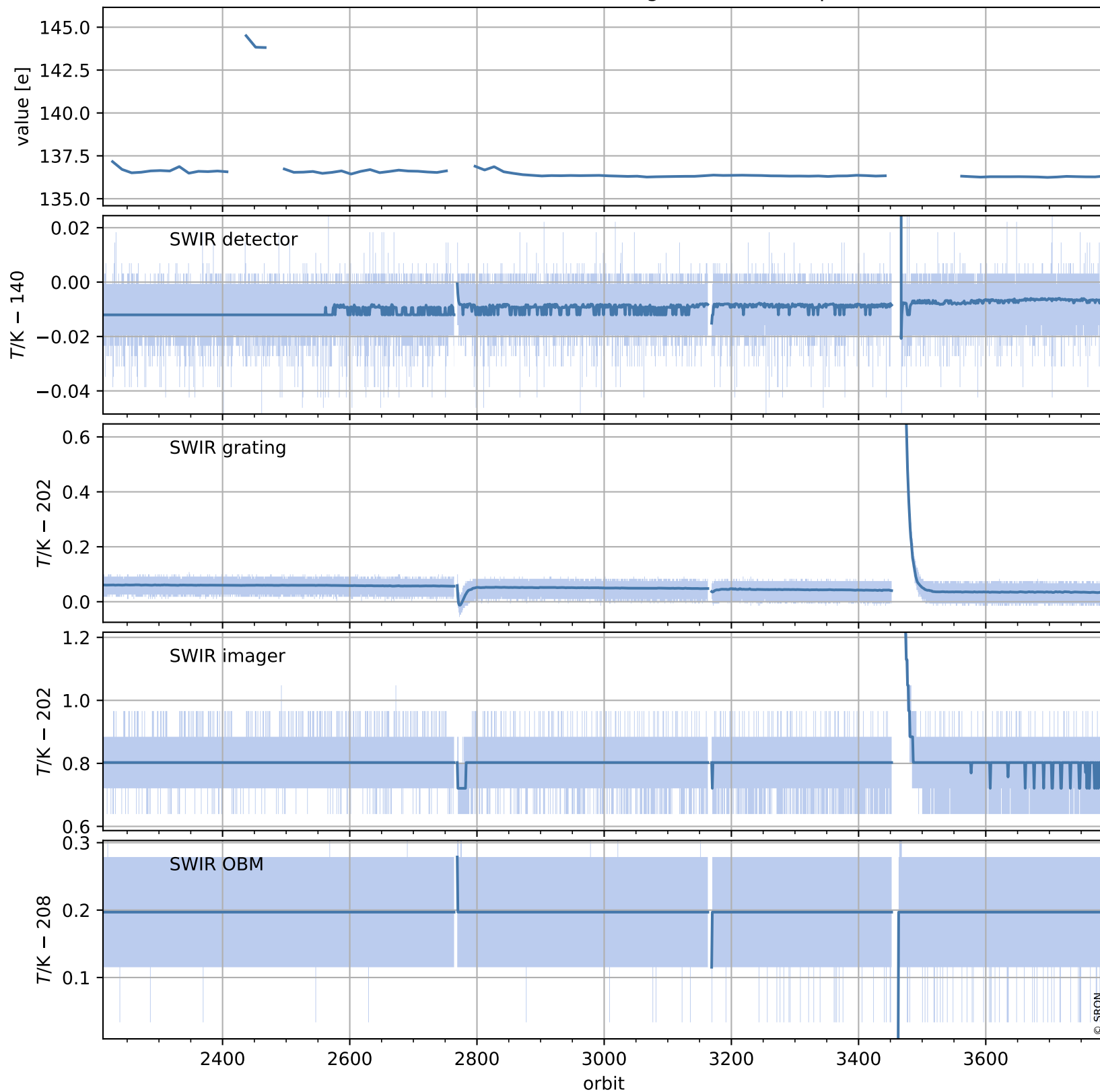
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3787]
coverage : 2018-03-18 / 2018-07-06
created : 2023-08-21T14:23:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3787]
coverage : 2018-03-18 / 2018-07-06
created : 2023-08-21T14:23:39

trend of normalized read-noise & temperatures

