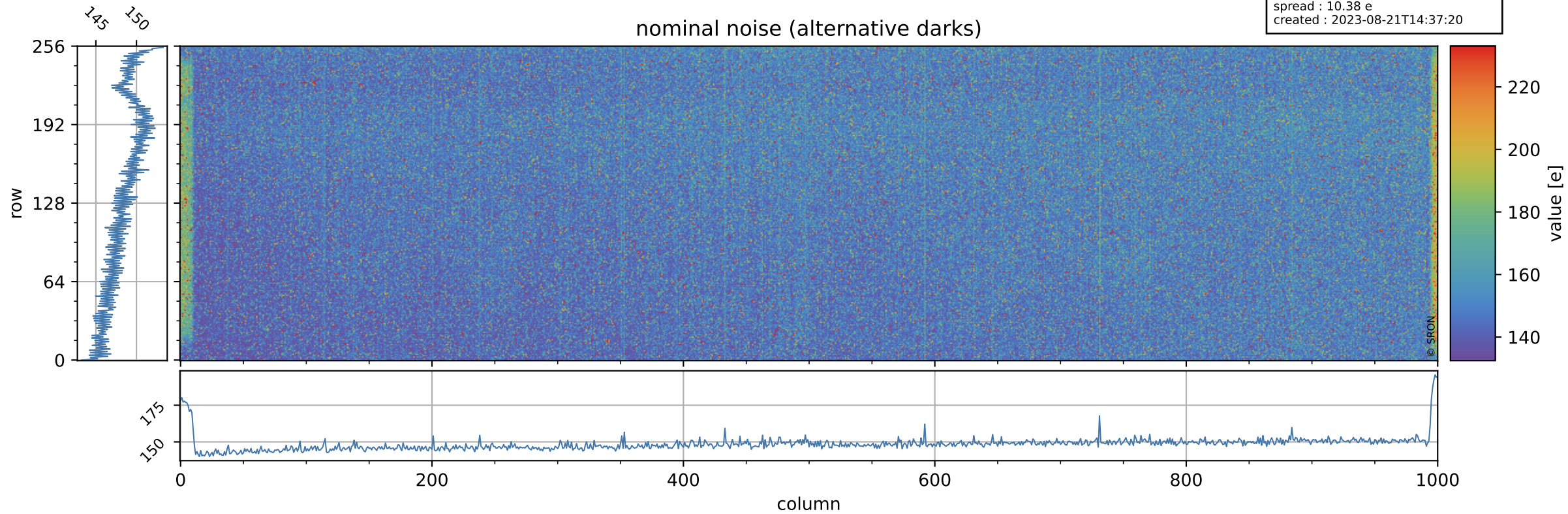


Tropomi SWIR background noise (swir)

orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.38 e
created : 2023-08-21T14:37:20

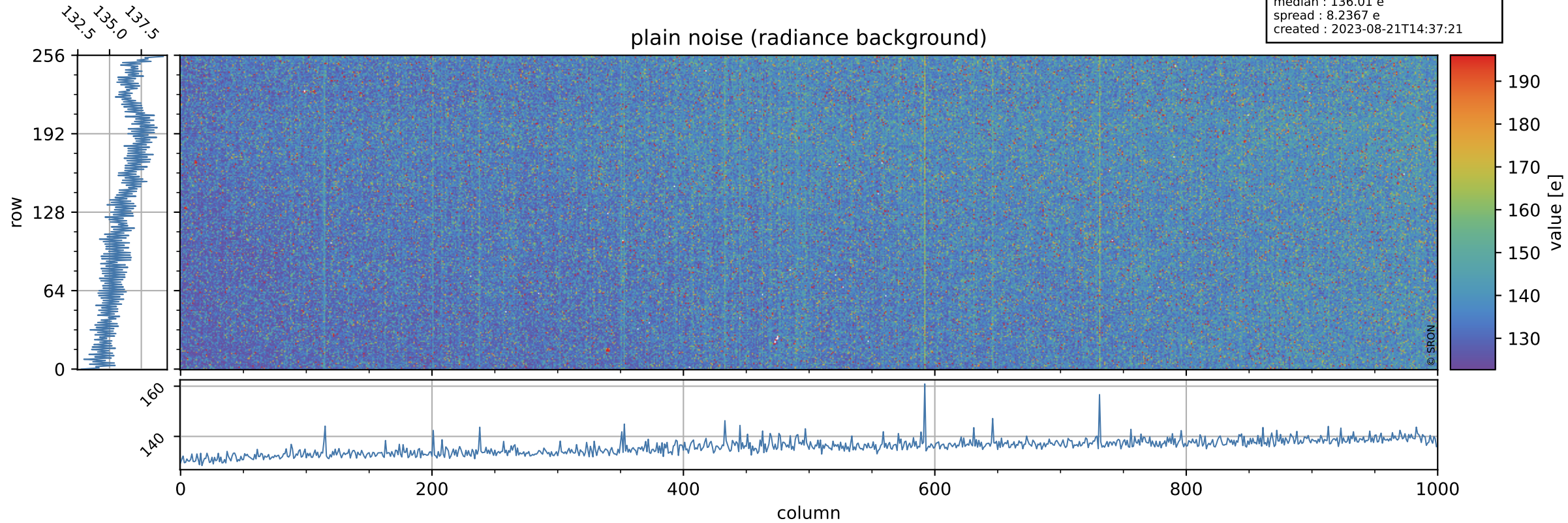
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2367 e
created : 2023-08-21T14:37:21

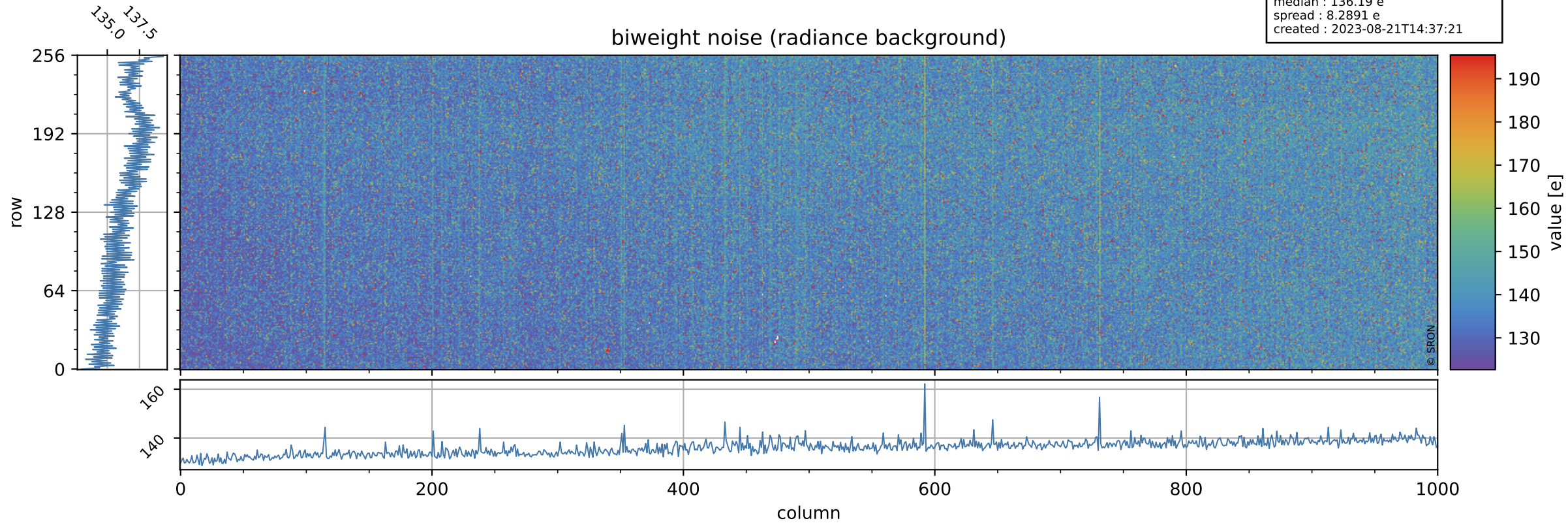
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.2891 e
created : 2023-08-21T14:37:21

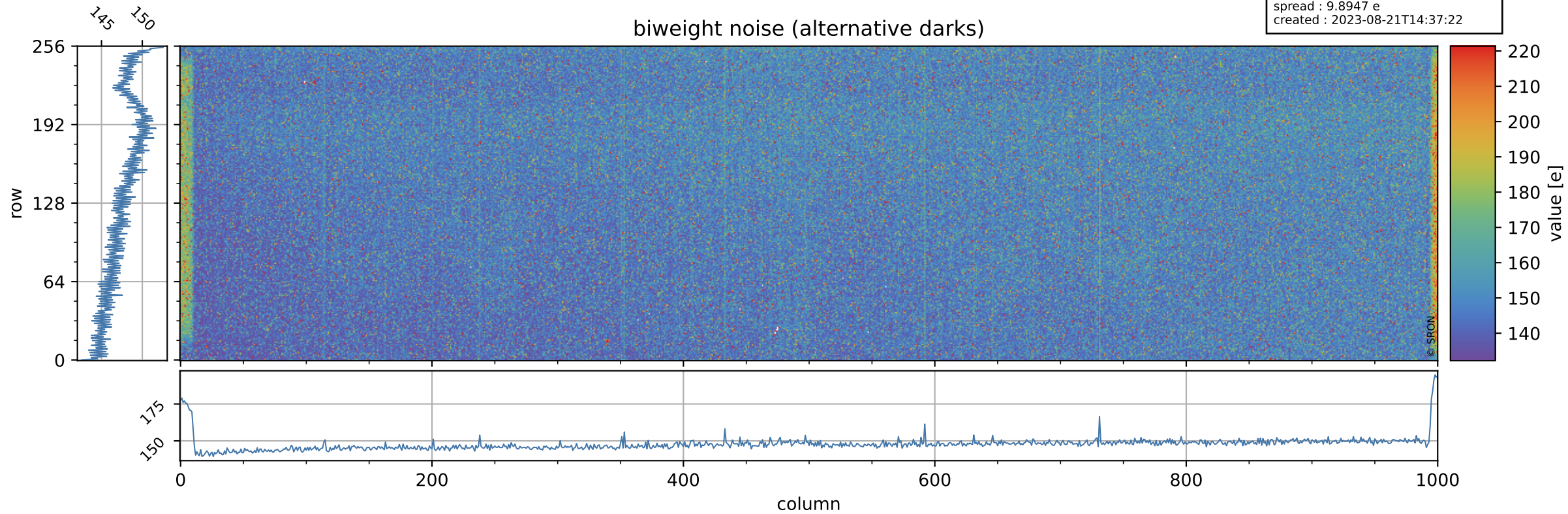
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8947 e
created : 2023-08-21T14:37:22

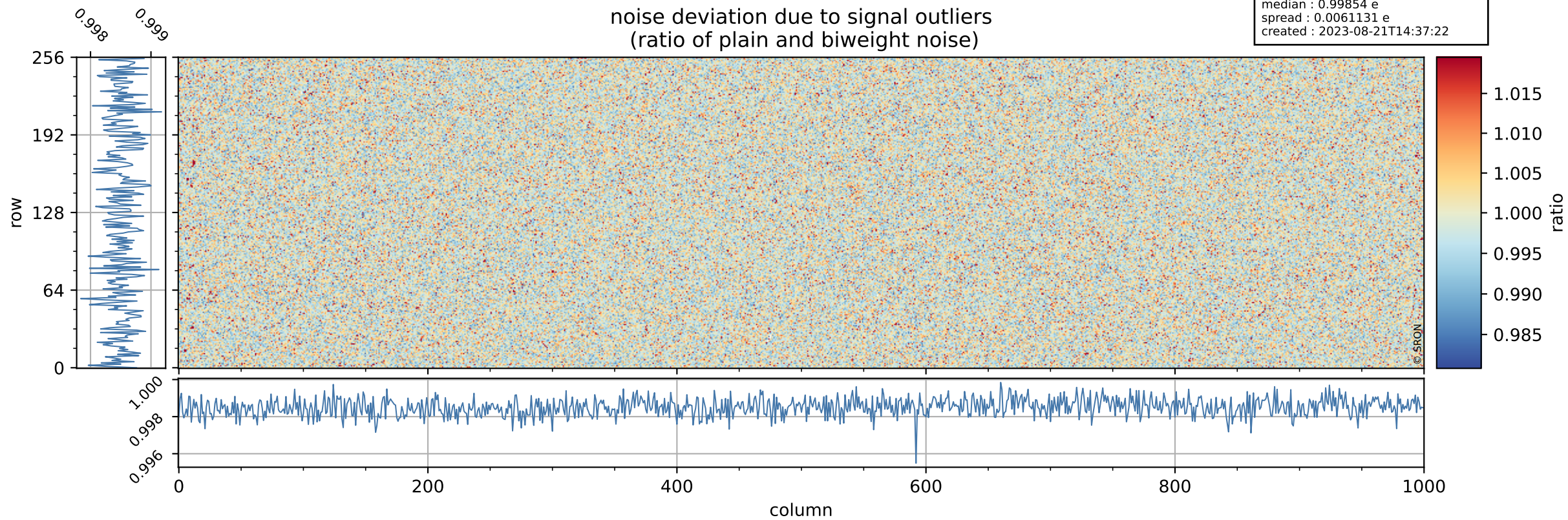
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

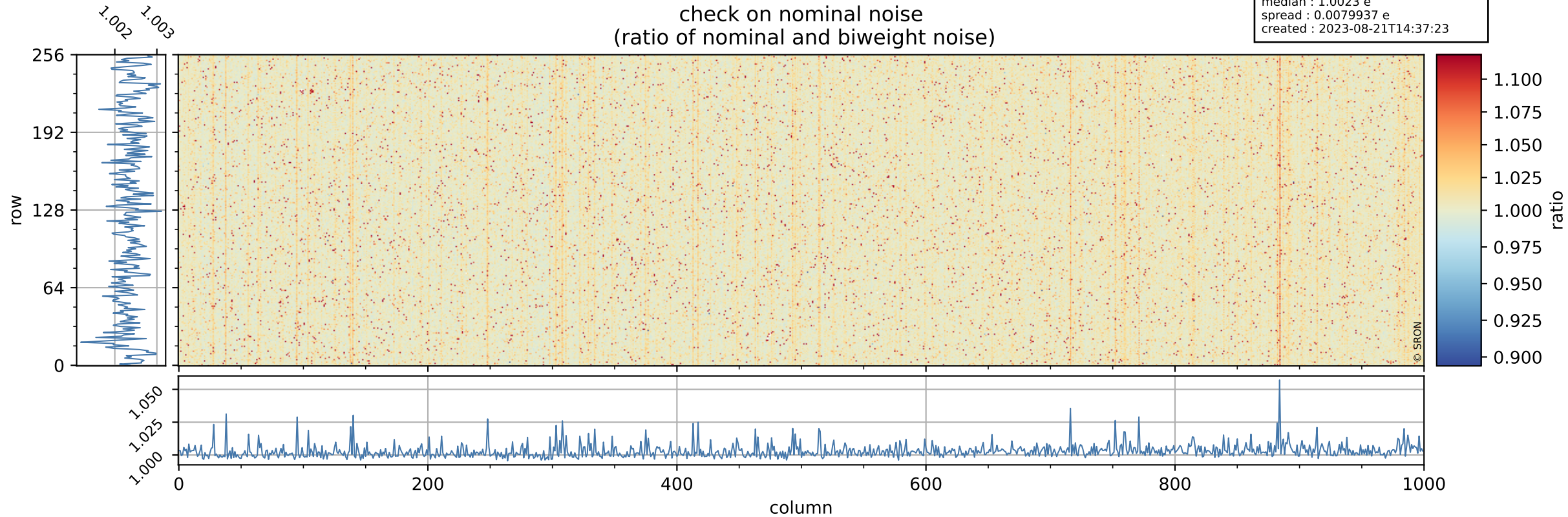
orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
median : 0.99854 e
spread : 0.0061131 e
created : 2023-08-21T14:37:22



Tropomi SWIR background noise (swir)

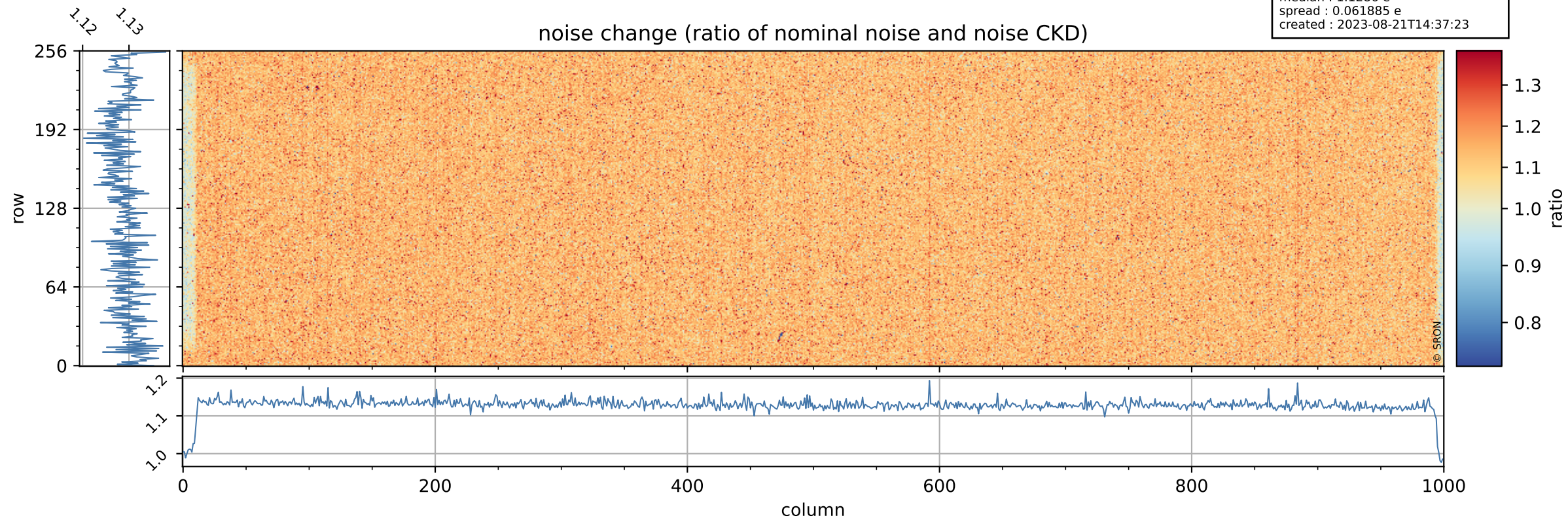
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
median : 1.0023 e
spread : 0.0079937 e
created : 2023-08-21T14:37:23



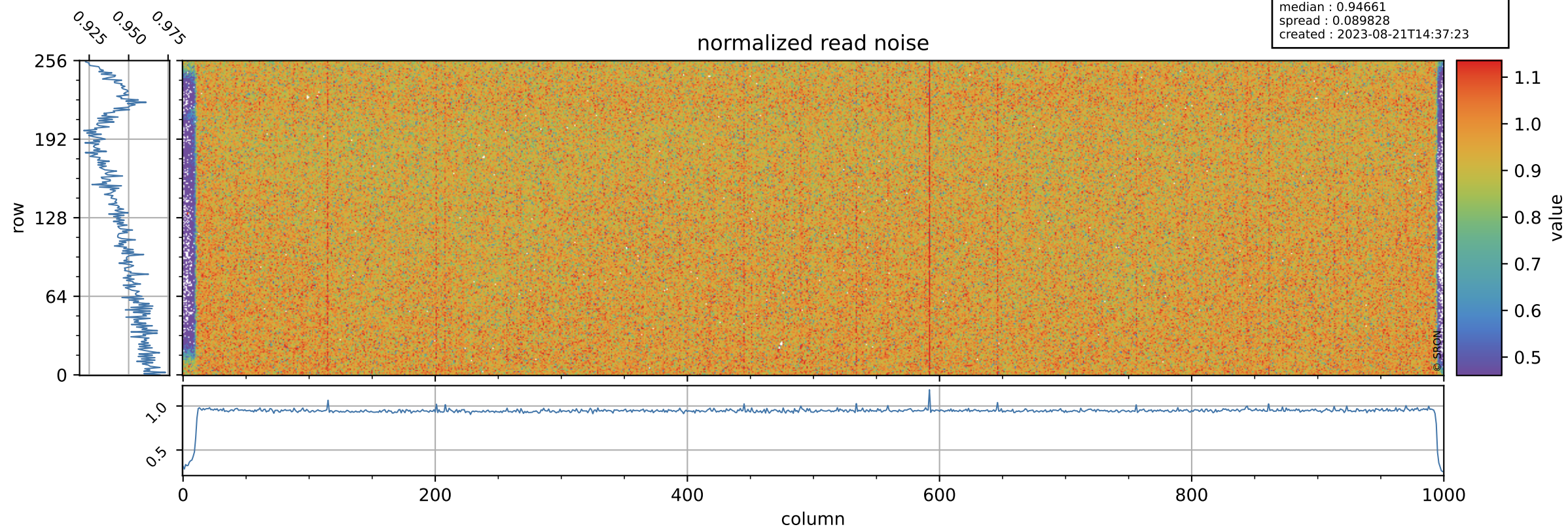
Tropomi SWIR background noise (swir)

orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
median : 1.1286 e
spread : 0.061885 e
created : 2023-08-21T14:37:23



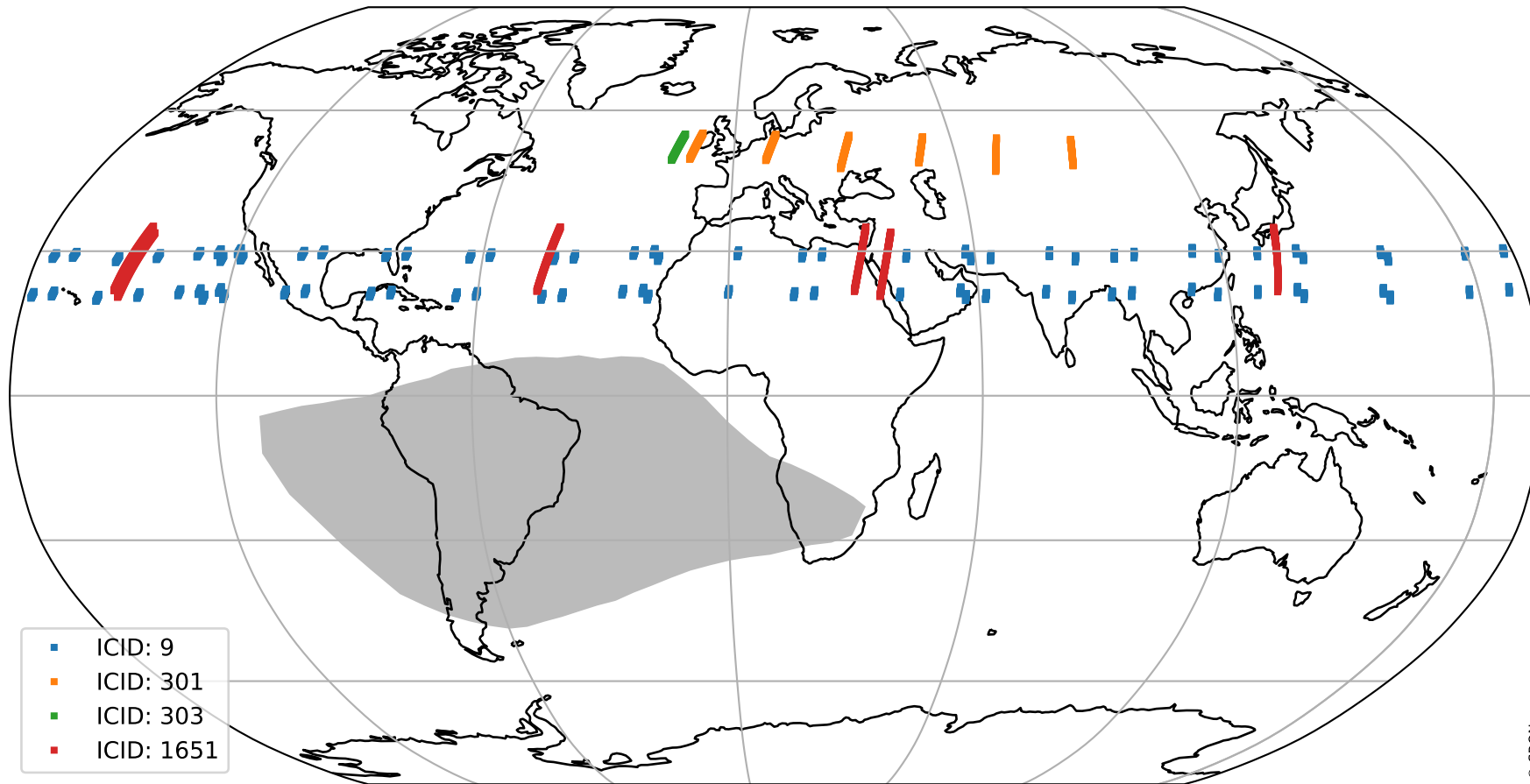
Tropomi SWIR background noise (swir)

orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
median : 0.94661
spread : 0.089828
created : 2023-08-21T14:37:23



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

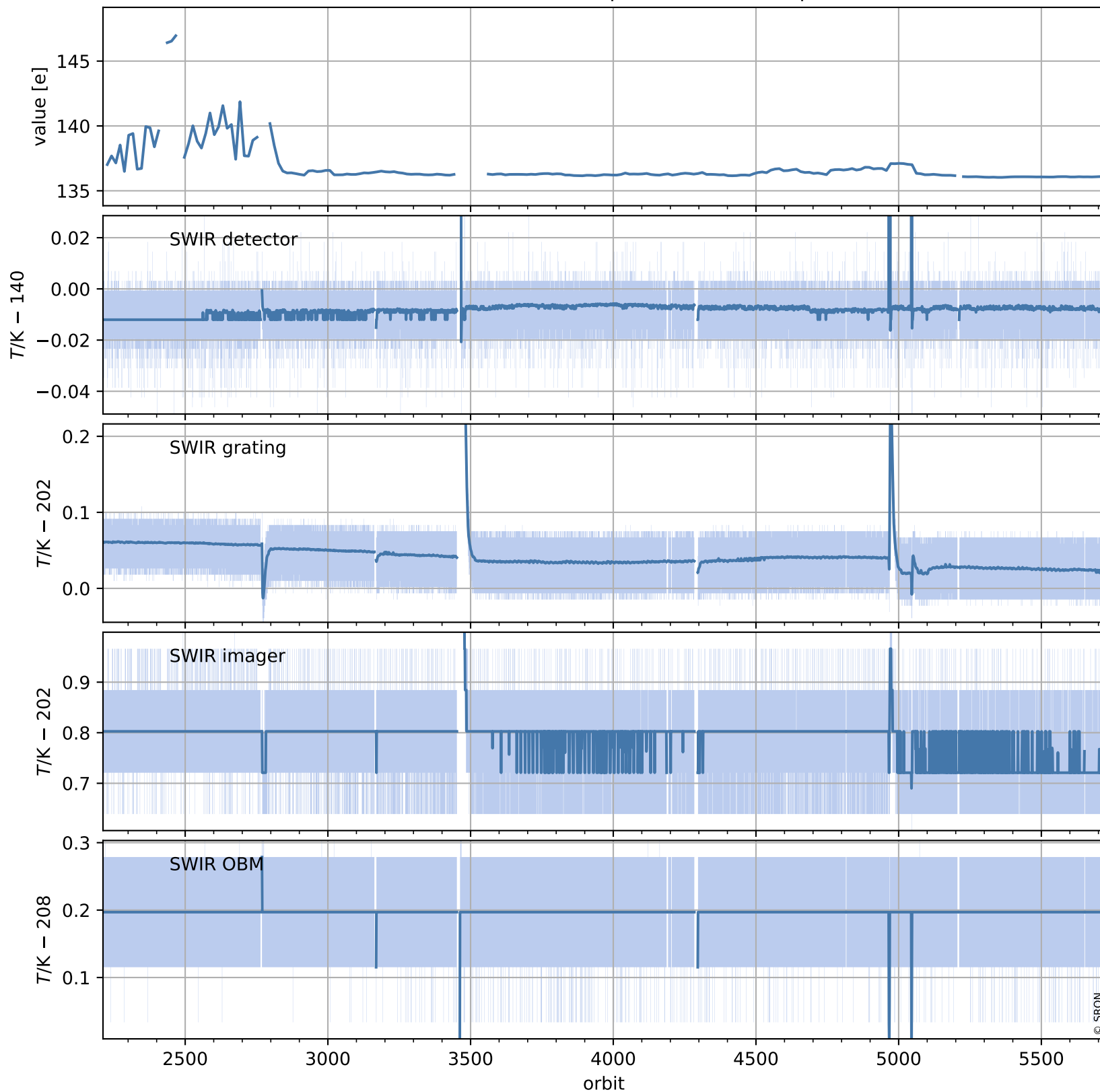
orbits : 13 in [5632, 5722]
coverage : 2018-11-14 / 2018-11-20
created : 2023-08-21T14:37:24



Tropomi SWIR background noise (swir)

orbits : [2212, 5722]
coverage : 2018-03-18 / 2018-11-20
created : 2023-08-21T14:37:24

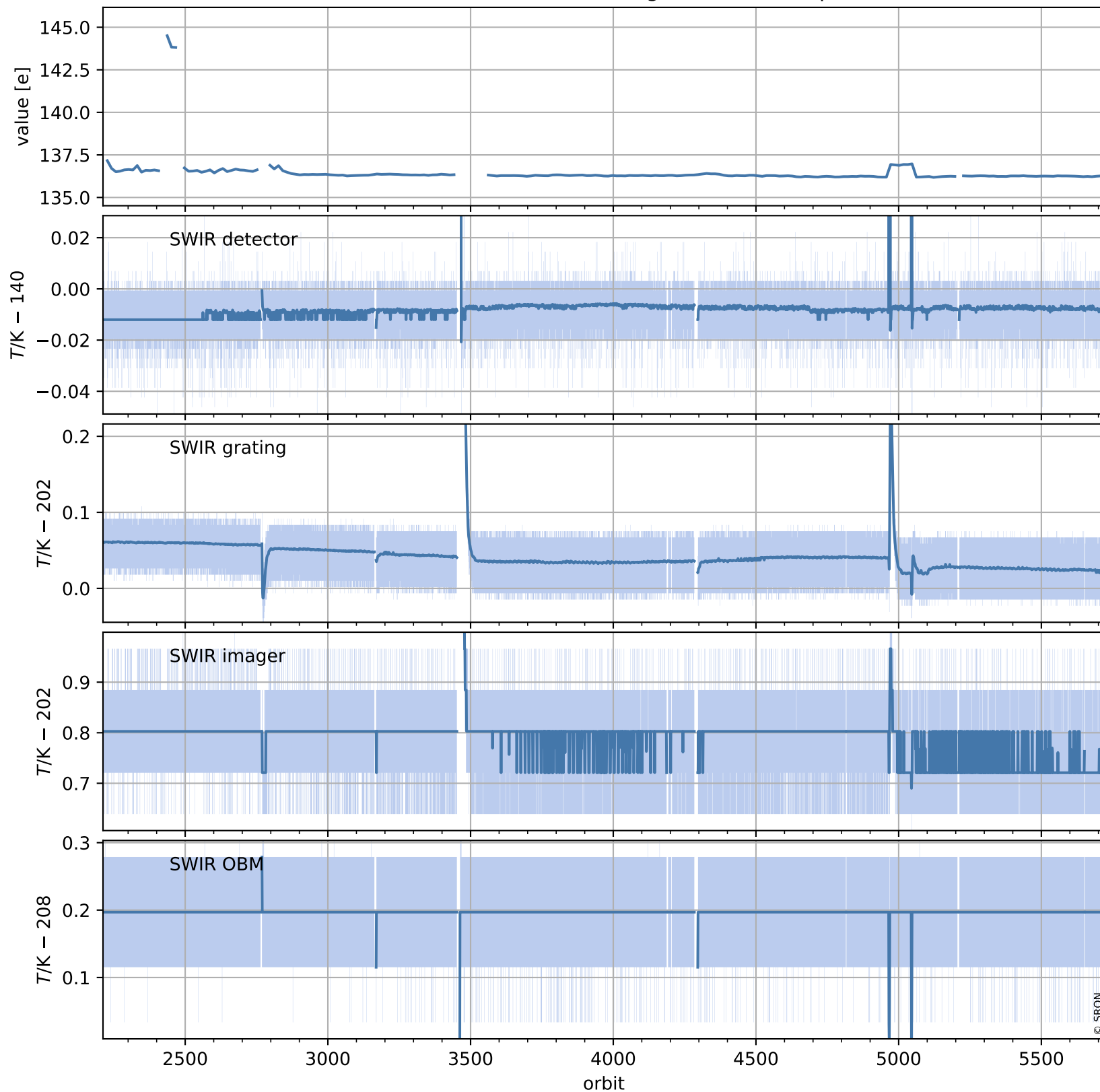
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5722]
coverage : 2018-03-18 / 2018-11-20
created : 2023-08-21T14:37:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5722]
coverage : 2018-03-18 / 2018-11-20
created : 2023-08-21T14:37:25

trend of normalized read-noise & temperatures

