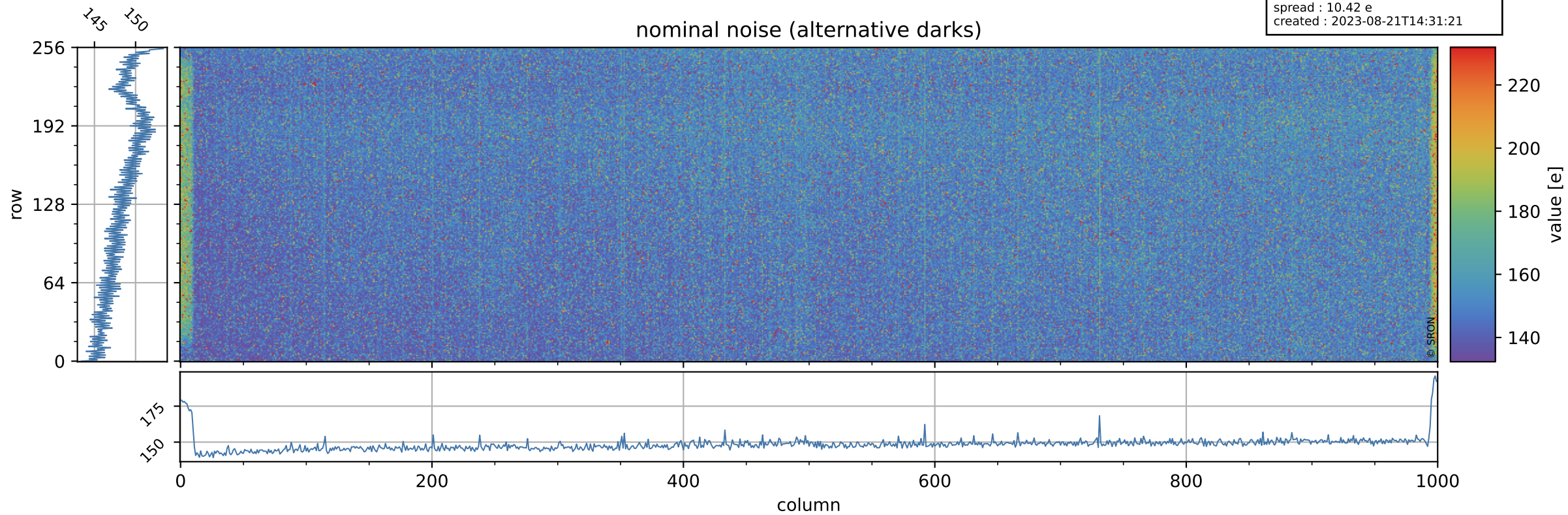


Tropomi SWIR background noise (swir)

orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.42 e
created : 2023-08-21T14:31:21

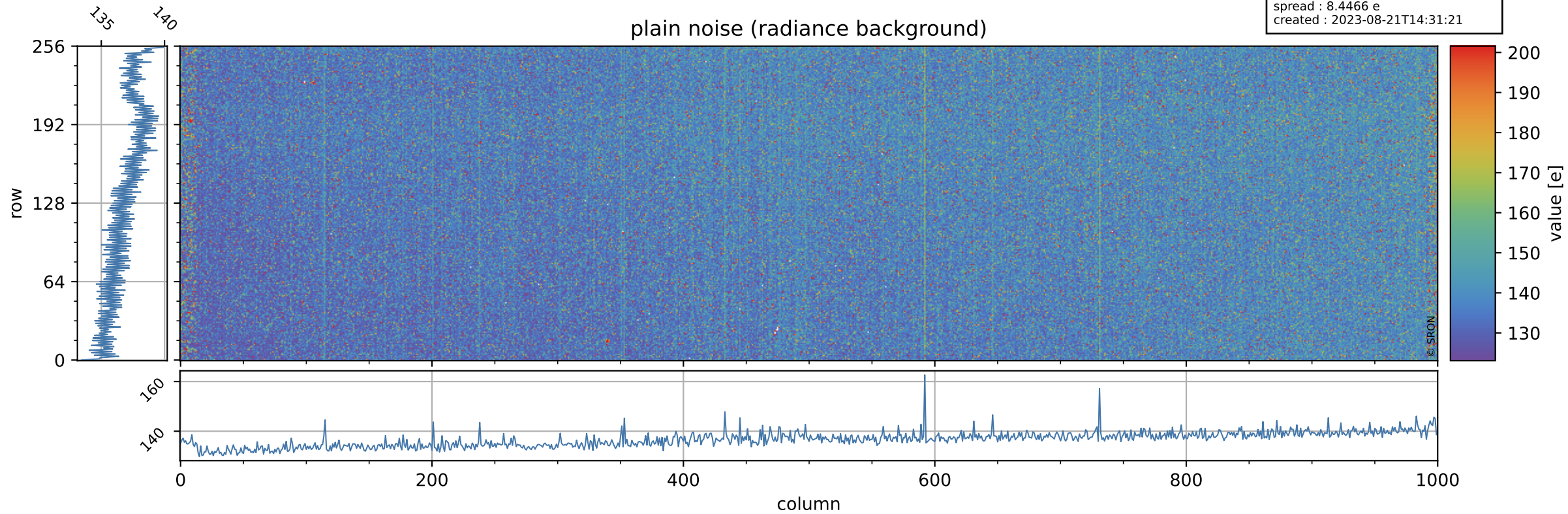
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
n_coad, t_exp : 2, 0.5383
median : 136.8 e
spread : 8.4466 e
created : 2023-08-21T14:31:21

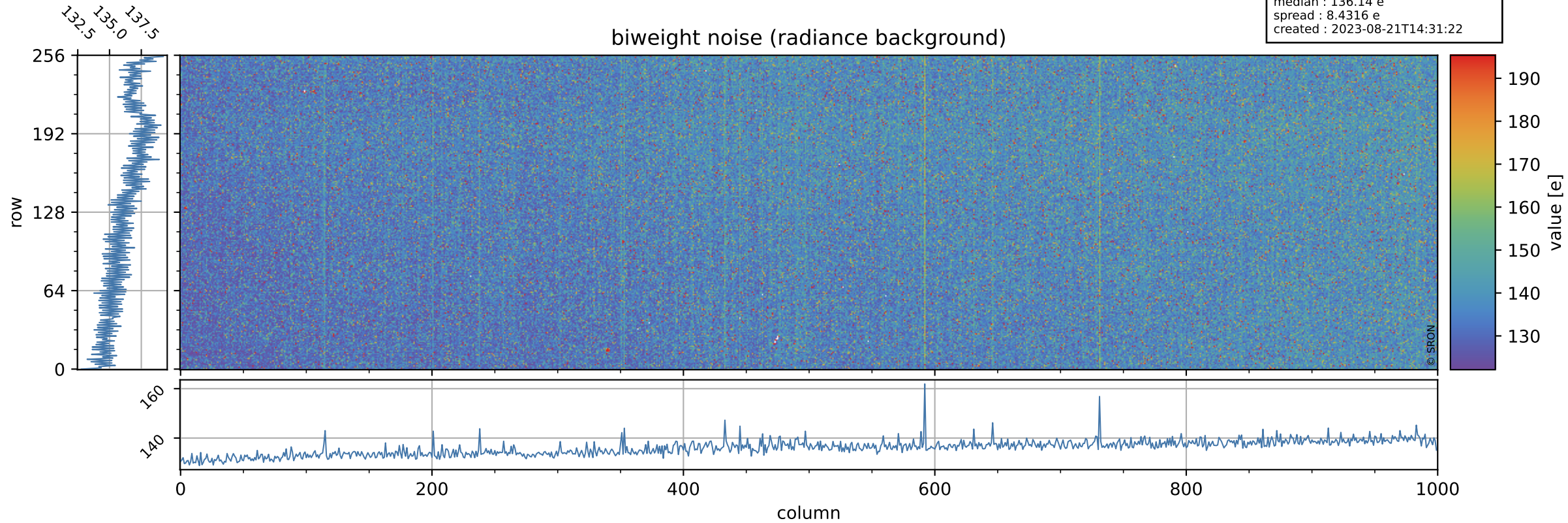
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.4316 e
created : 2023-08-21T14:31:22

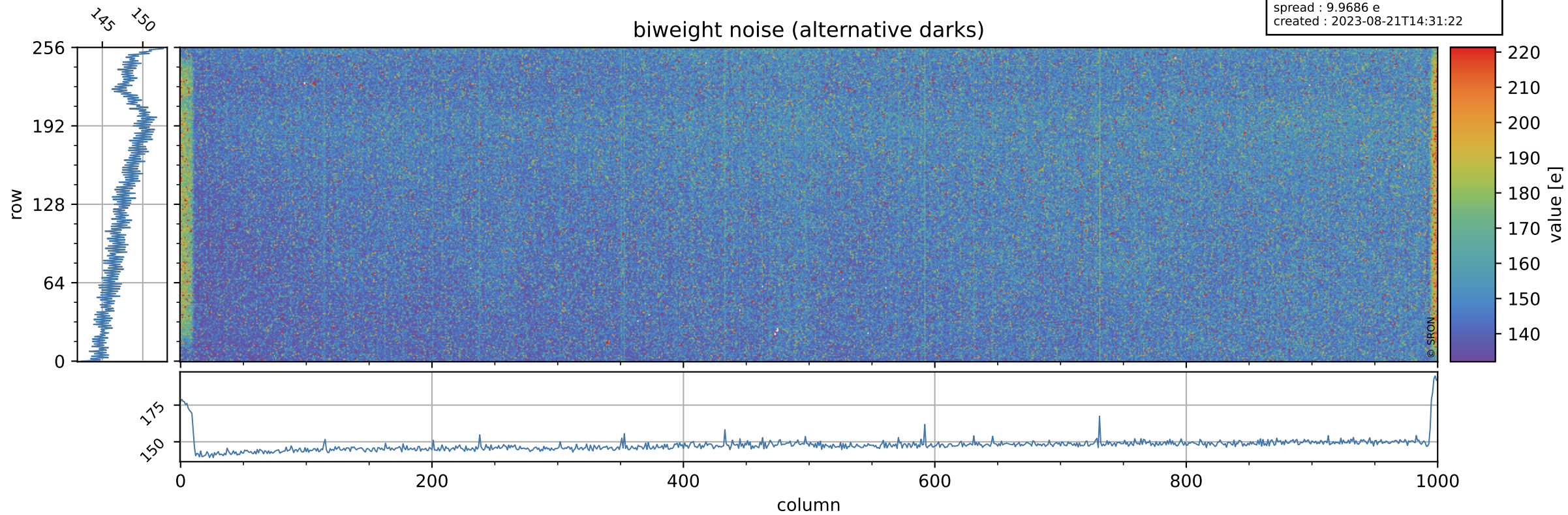
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9686 e
created : 2023-08-21T14:31:22

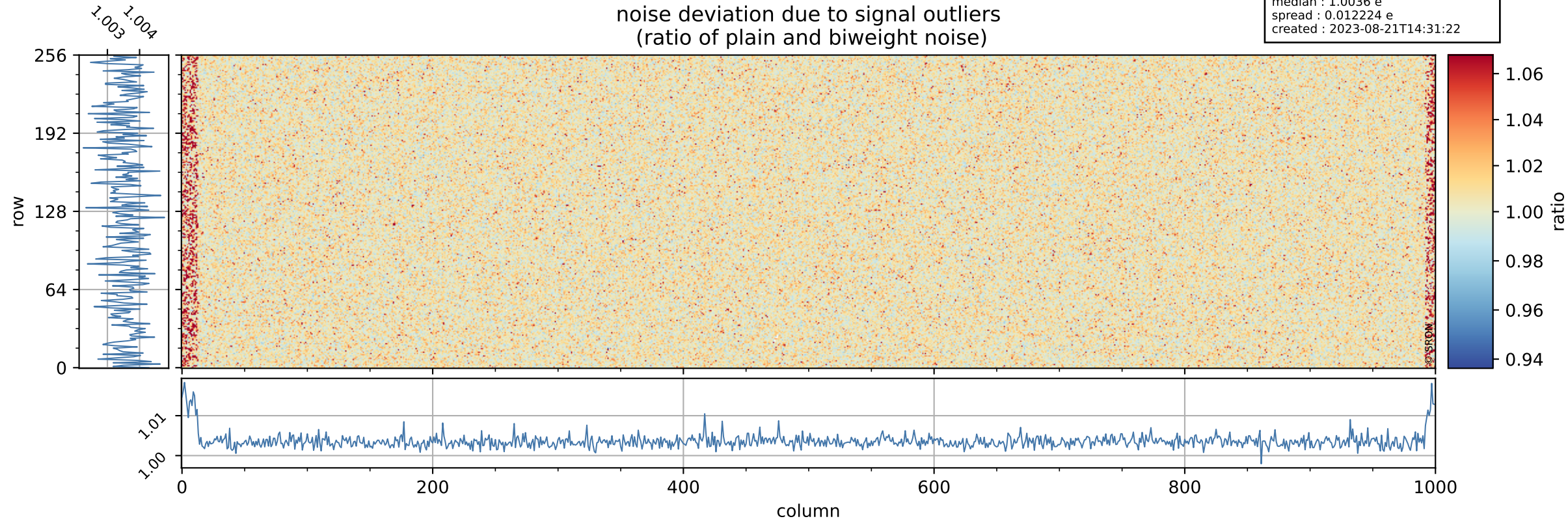
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

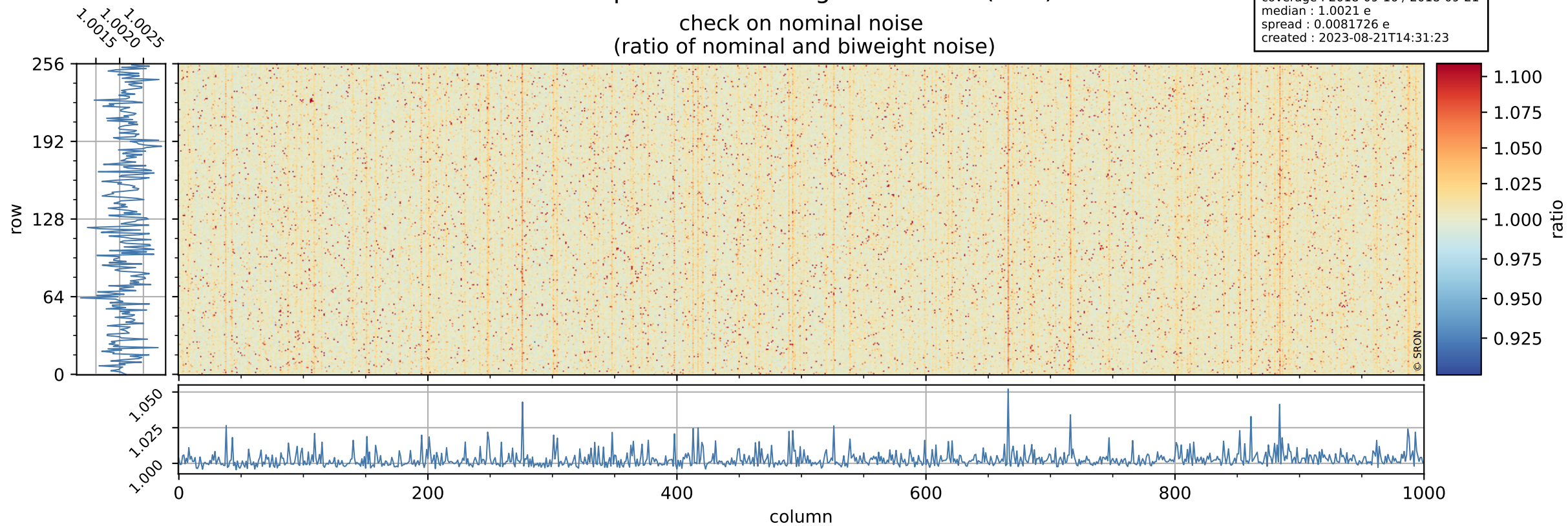
orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
median : 1.0036 e
spread : 0.012224 e
created : 2023-08-21T14:31:22



Tropomi SWIR background noise (swir)

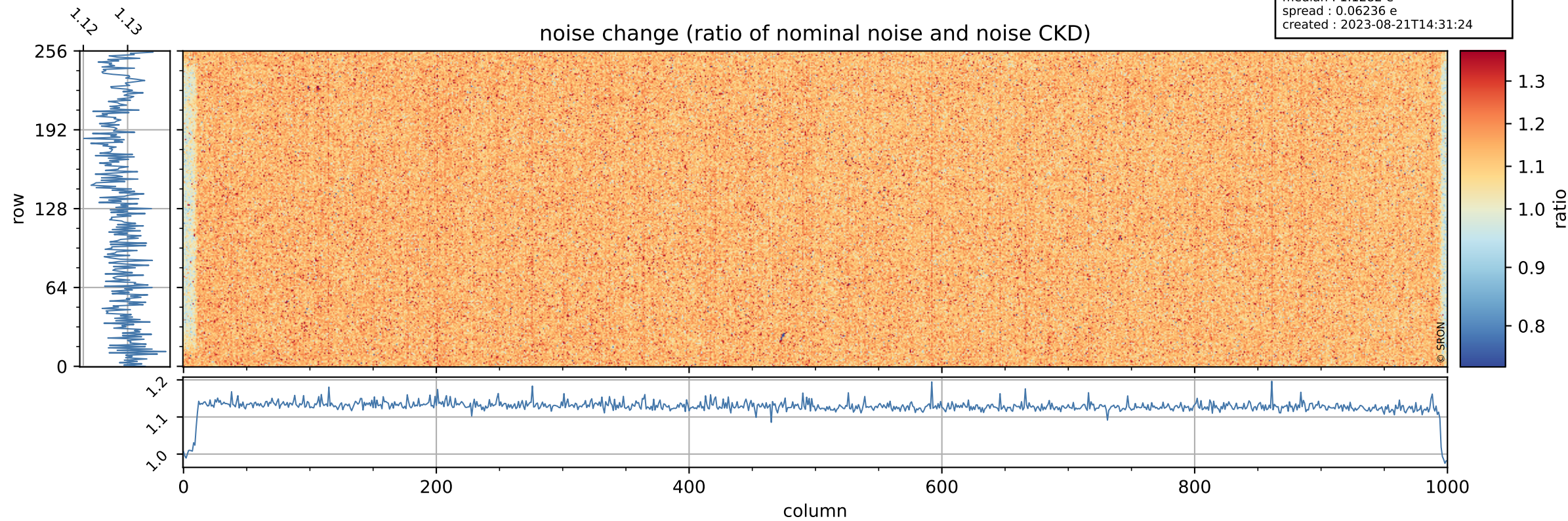
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
median : 1.0021 e
spread : 0.0081726 e
created : 2023-08-21T14:31:23



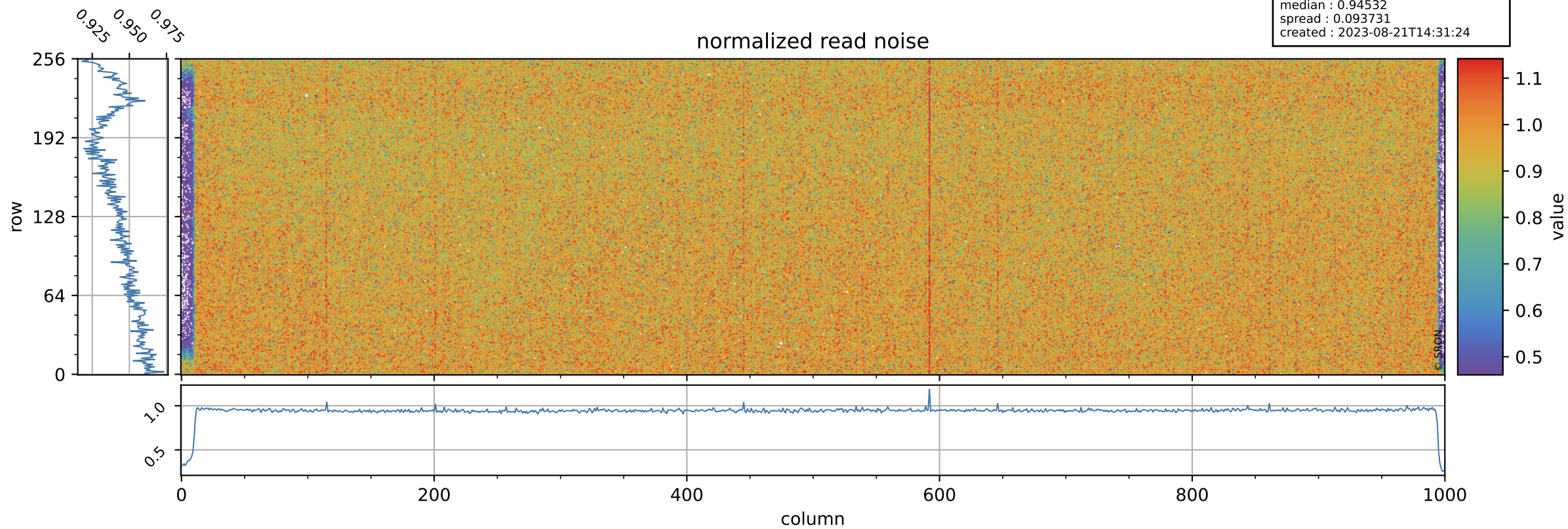
Tropomi SWIR background noise (swir)

orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
median : 1.1282 e
spread : 0.06236 e
created : 2023-08-21T14:31:24



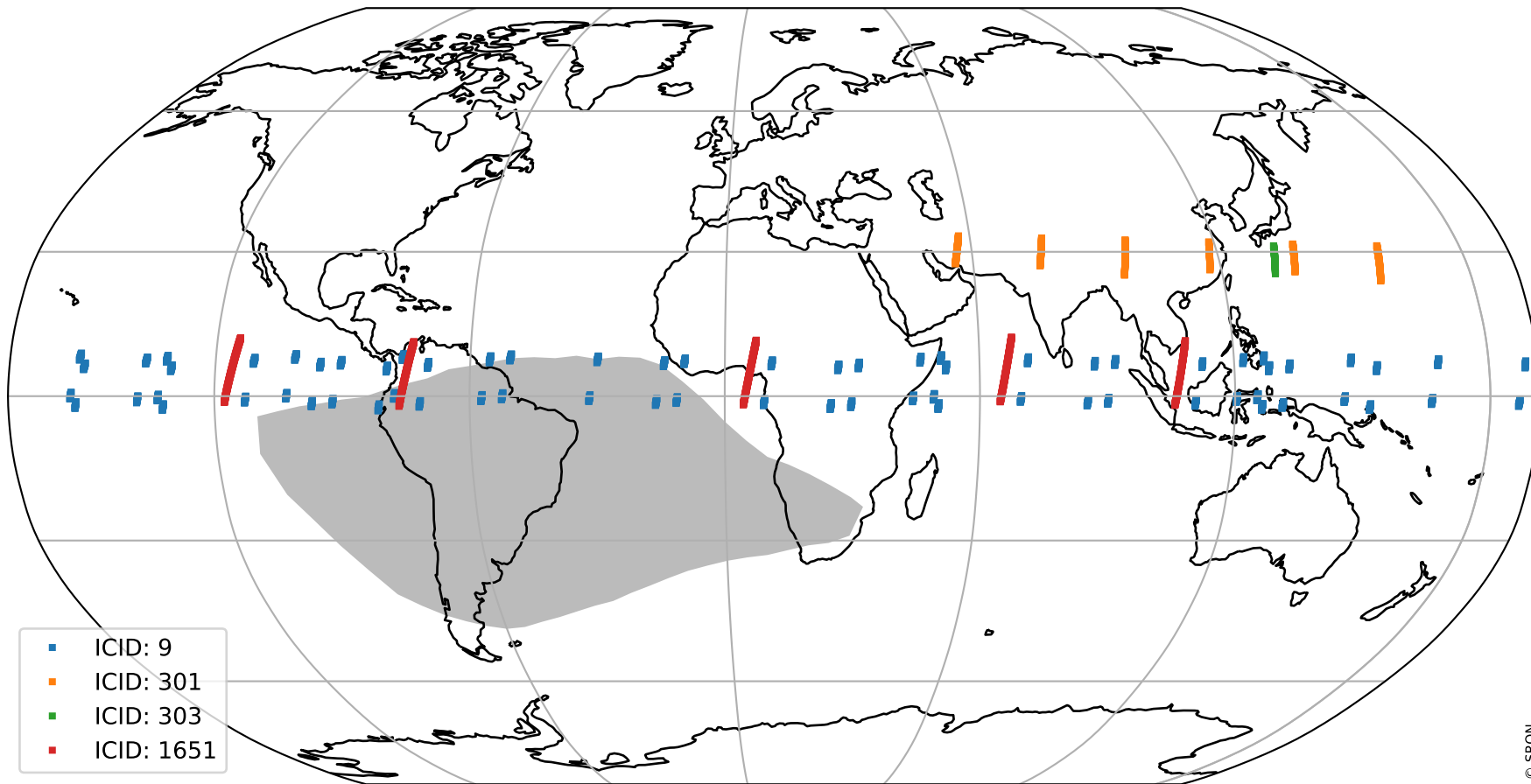
Tropomi SWIR background noise (swir)

orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
median : 0.94532
spread : 0.093731
created : 2023-08-21T14:31:24



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

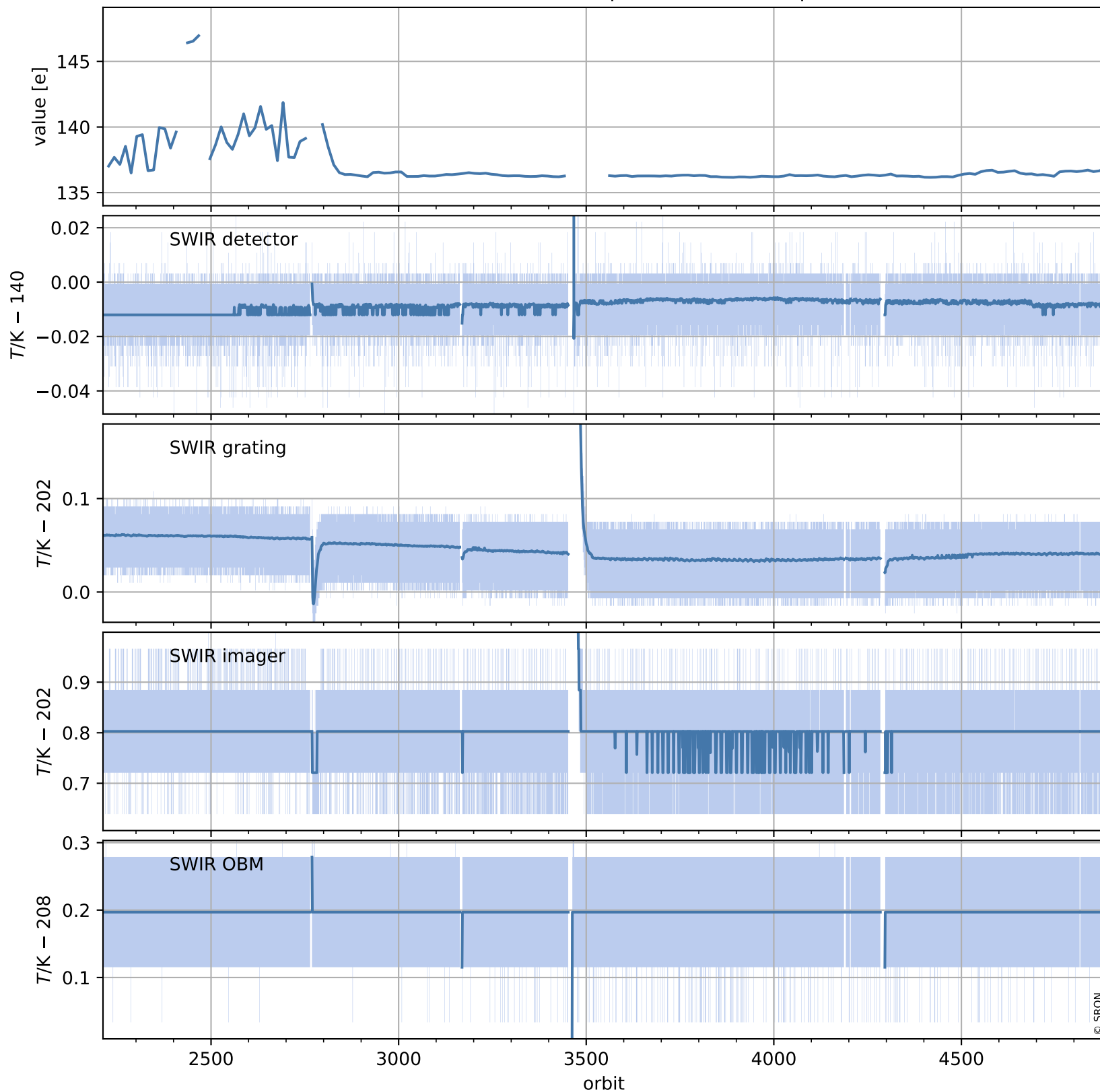
orbits : 12 in [4807, 4882]
coverage : 2018-09-16 / 2018-09-21
created : 2023-08-21T14:31:24



Tropomi SWIR background noise (swir)

orbits : [2212, 4882]
coverage : 2018-03-18 / 2018-09-21
created : 2023-08-21T14:31:25

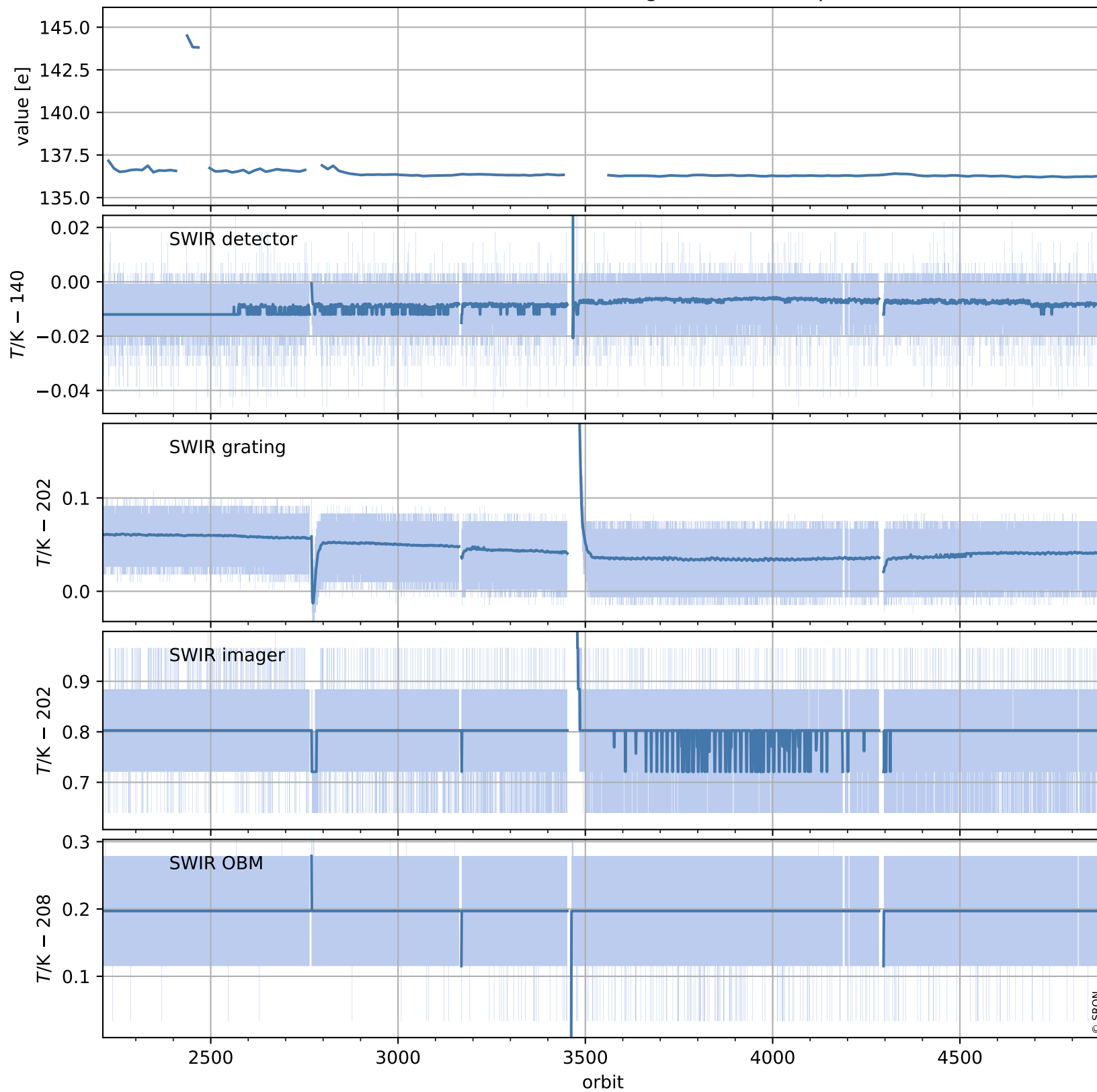
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4882]
coverage : 2018-03-18 / 2018-09-21
created : 2023-08-21T14:31:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4882]
coverage : 2018-03-18 / 2018-09-21
created : 2023-08-21T14:31:26

trend of normalized read-noise & temperatures

