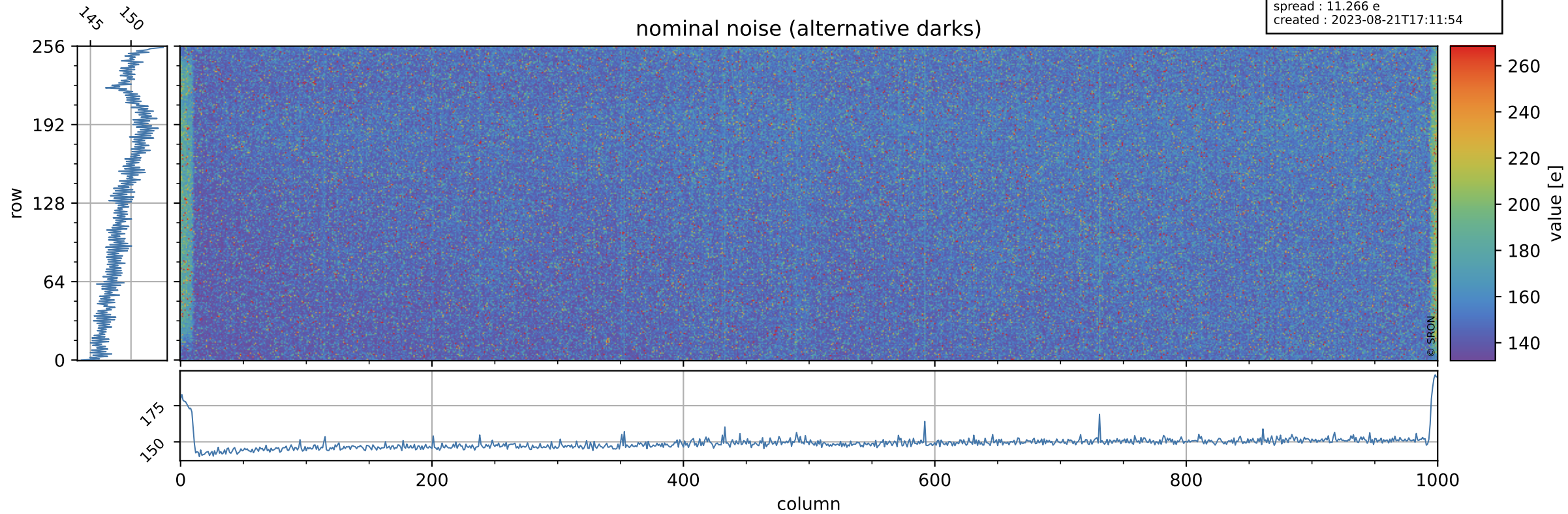


Tropomi SWIR background noise (swir)

orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
n_coad, t_exp : 1, 1.0783
median : 148.93 e
spread : 11.266 e
created : 2023-08-21T17:11:54

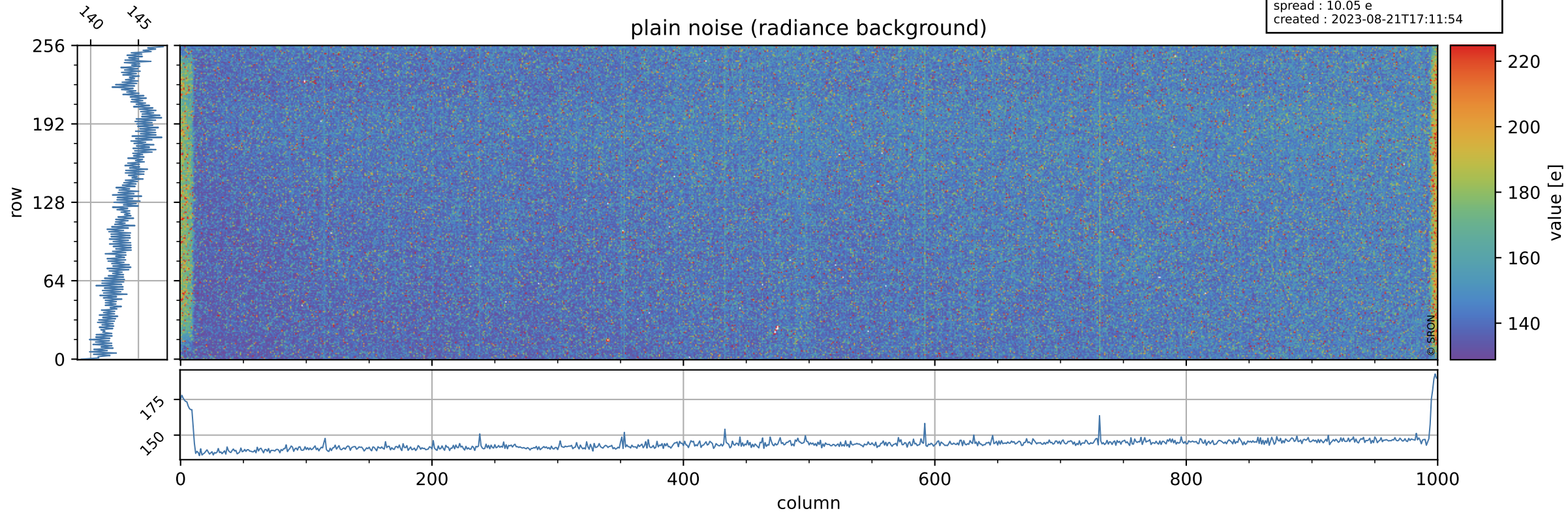
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 10.05 e
created : 2023-08-21T17:11:54

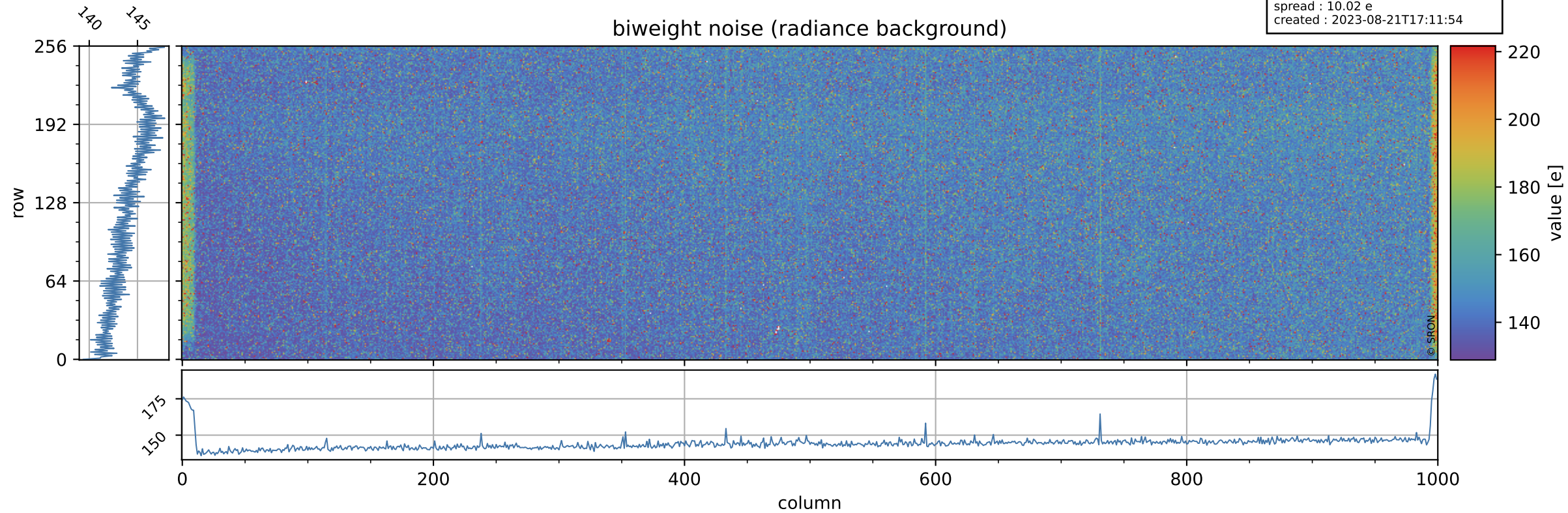
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
n_coad, t_exp : 1, 0.8383
median : 143.96 e
spread : 10.02 e
created : 2023-08-21T17:11:54

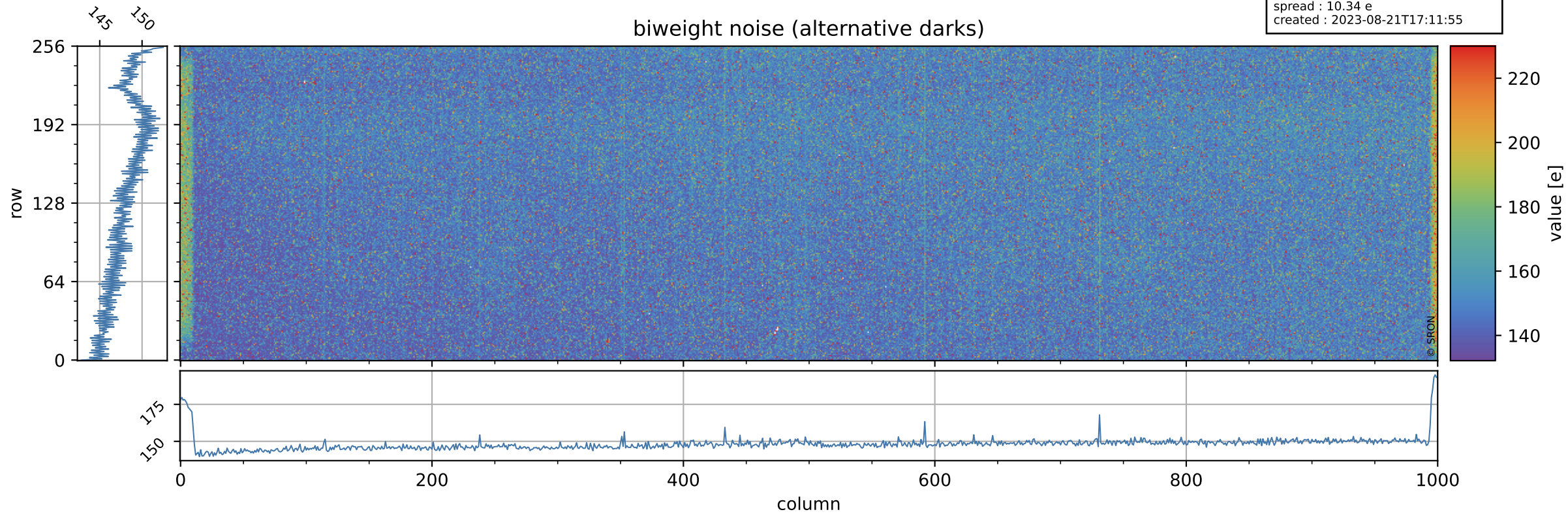
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
n_coad, t_exp : 1, 1.0783
median : 147.91 e
spread : 10.34 e
created : 2023-08-21T17:11:55

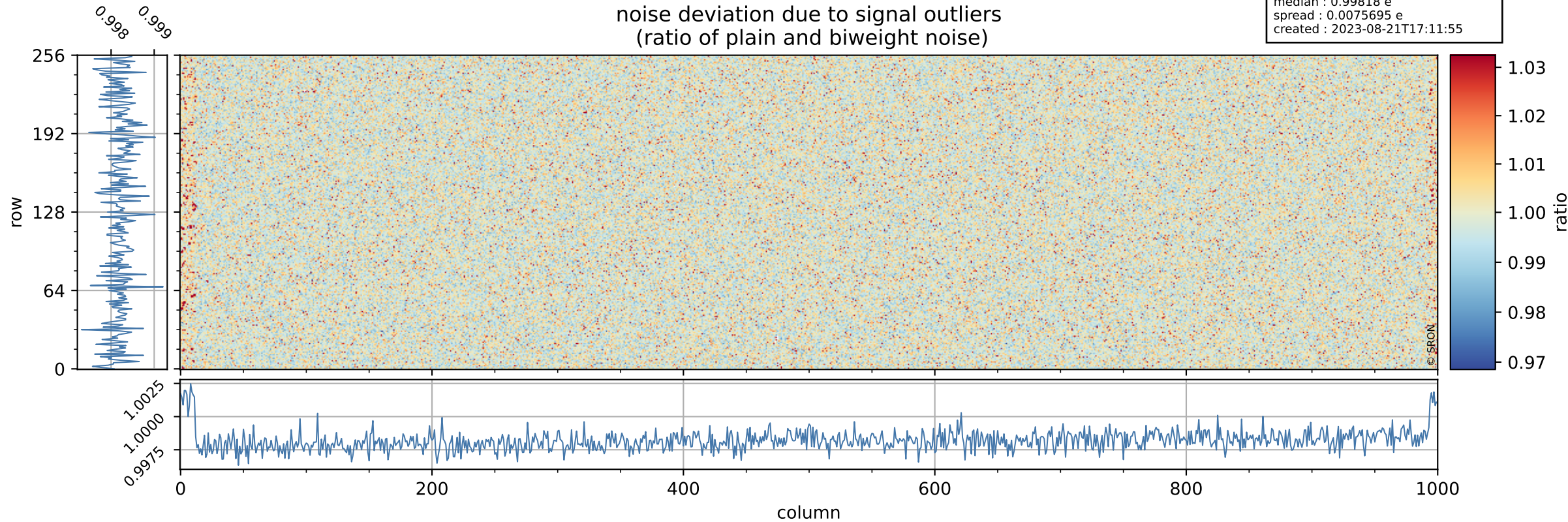
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

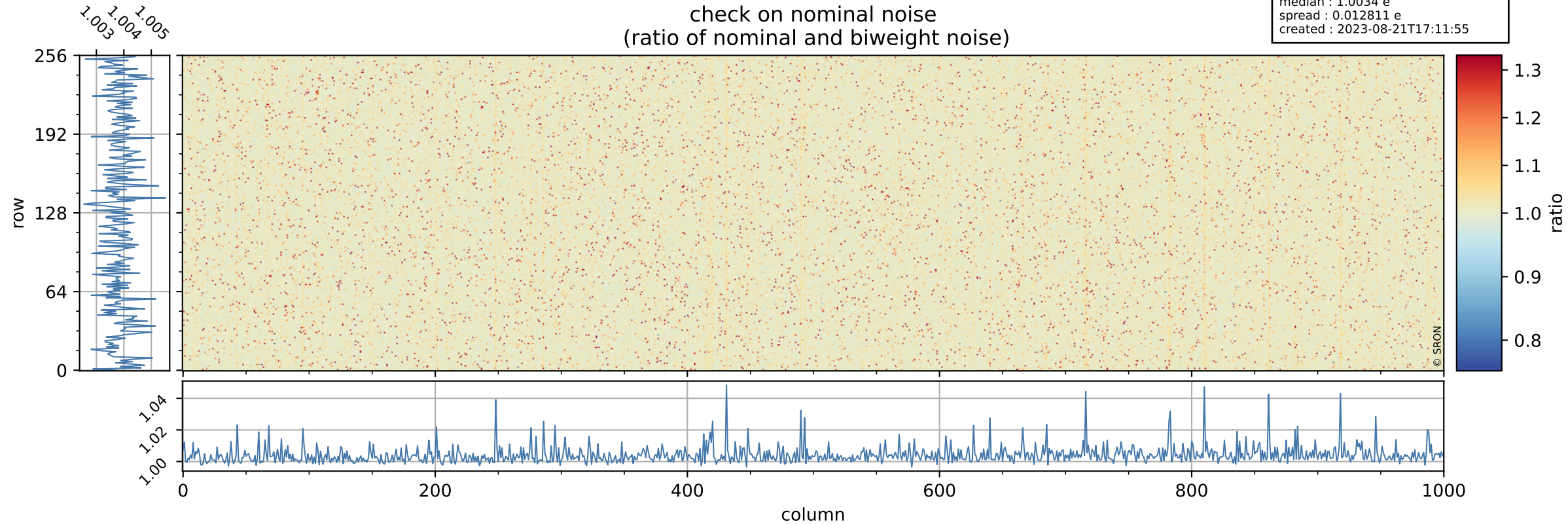
orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
median : 0.99818 e
spread : 0.0075695 e
created : 2023-08-21T17:11:55



Tropomi SWIR background noise (swir)

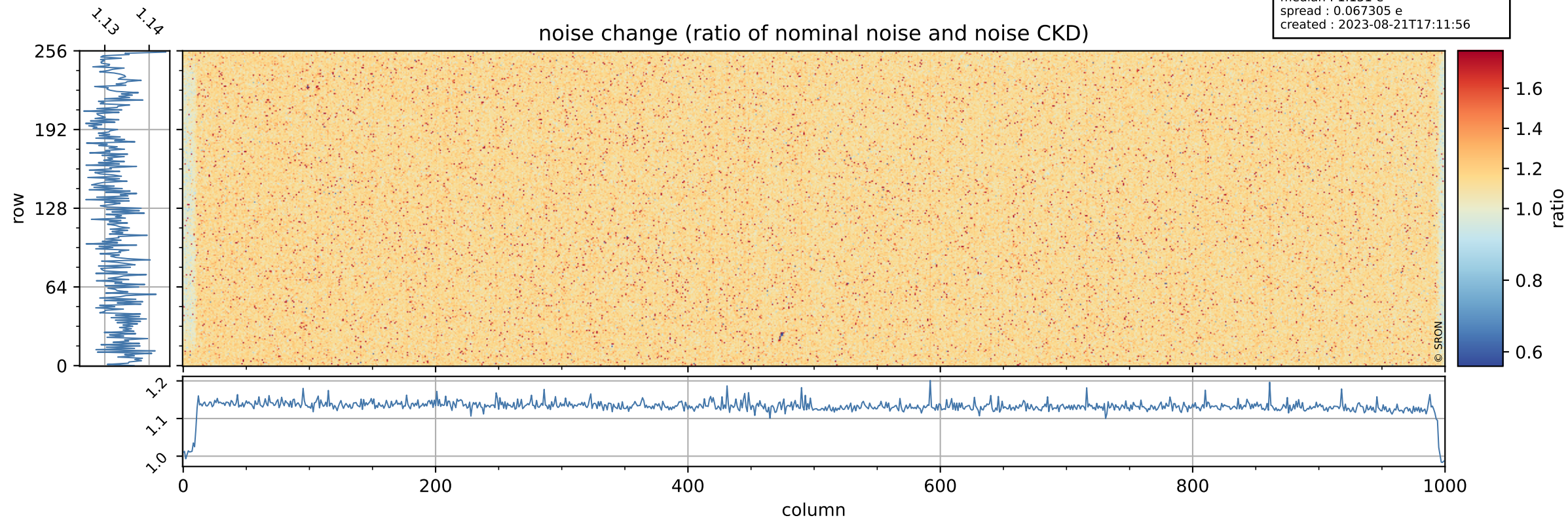
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
median : 1.0034 e
spread : 0.012811 e
created : 2023-08-21T17:11:55



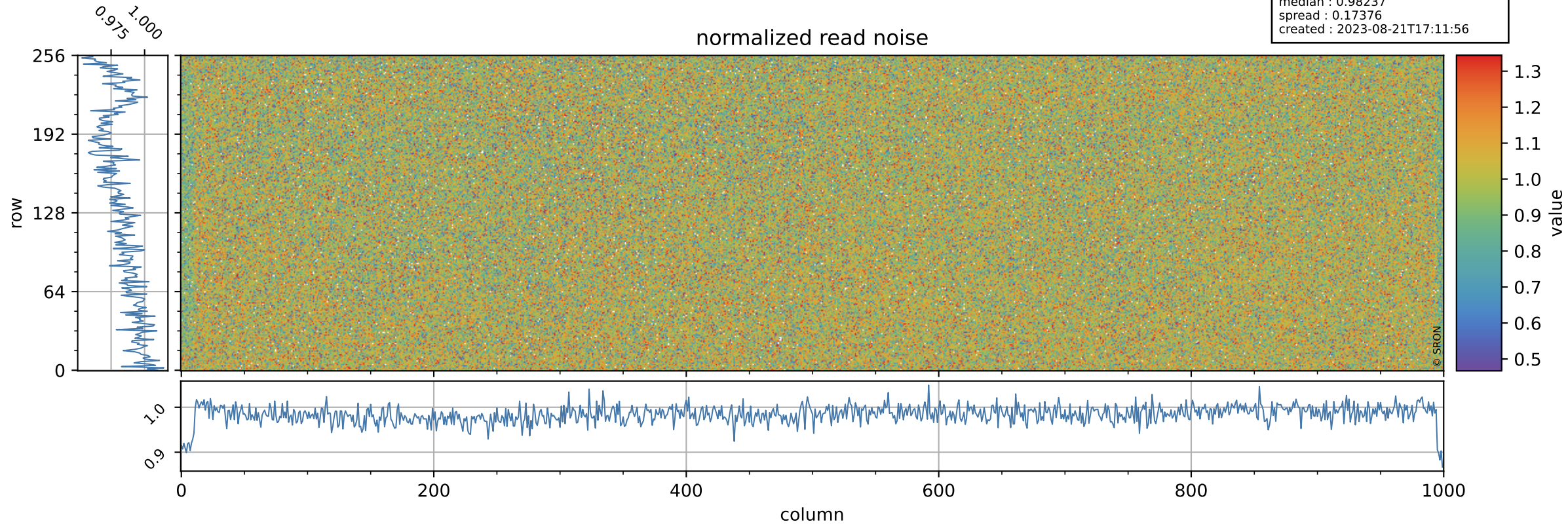
Tropomi SWIR background noise (swir)

orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
median : 1.131 e
spread : 0.067305 e
created : 2023-08-21T17:11:56



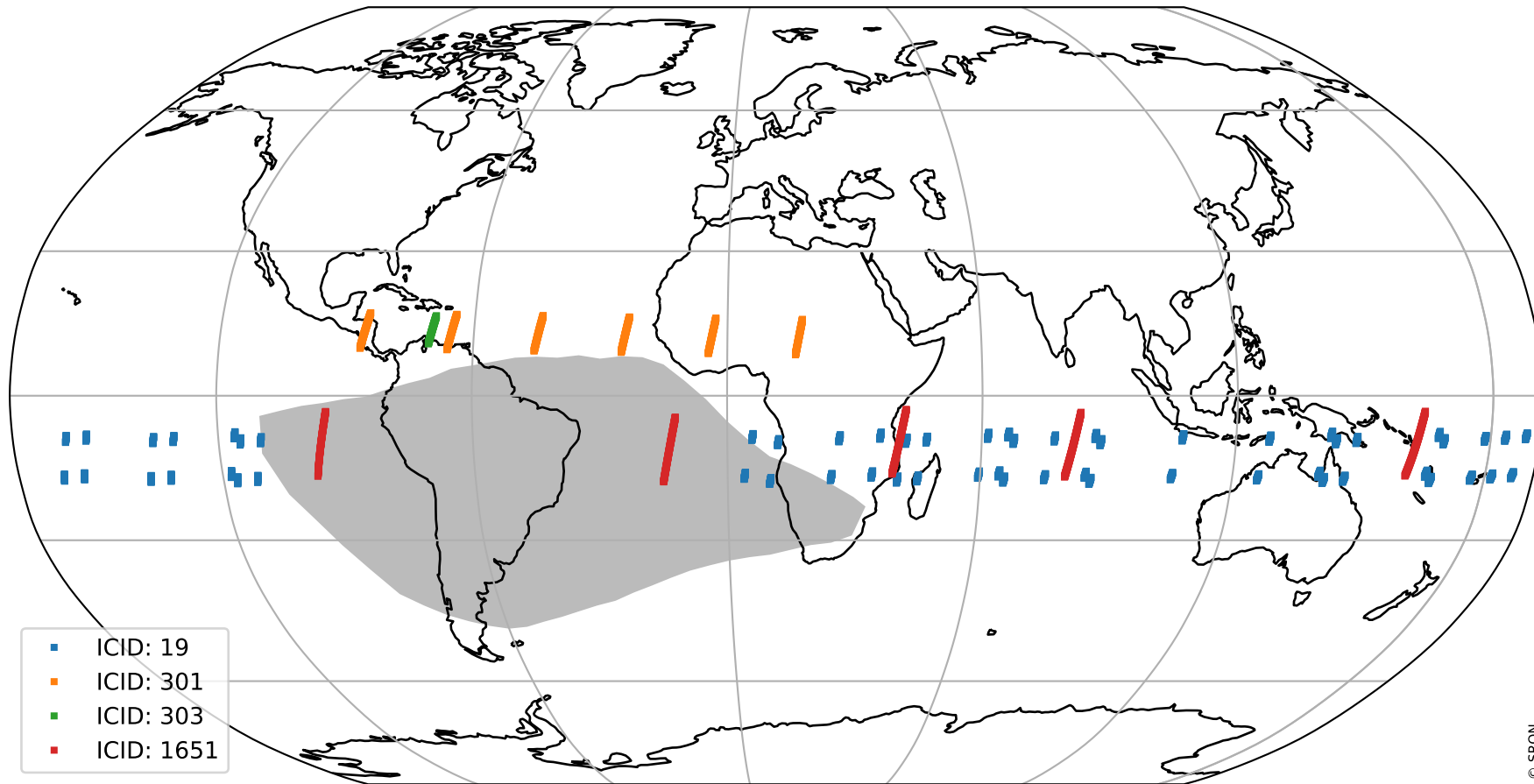
Tropomi SWIR background noise (swir)

orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
median : 0.98237
spread : 0.17376
created : 2023-08-21T17:11:56



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

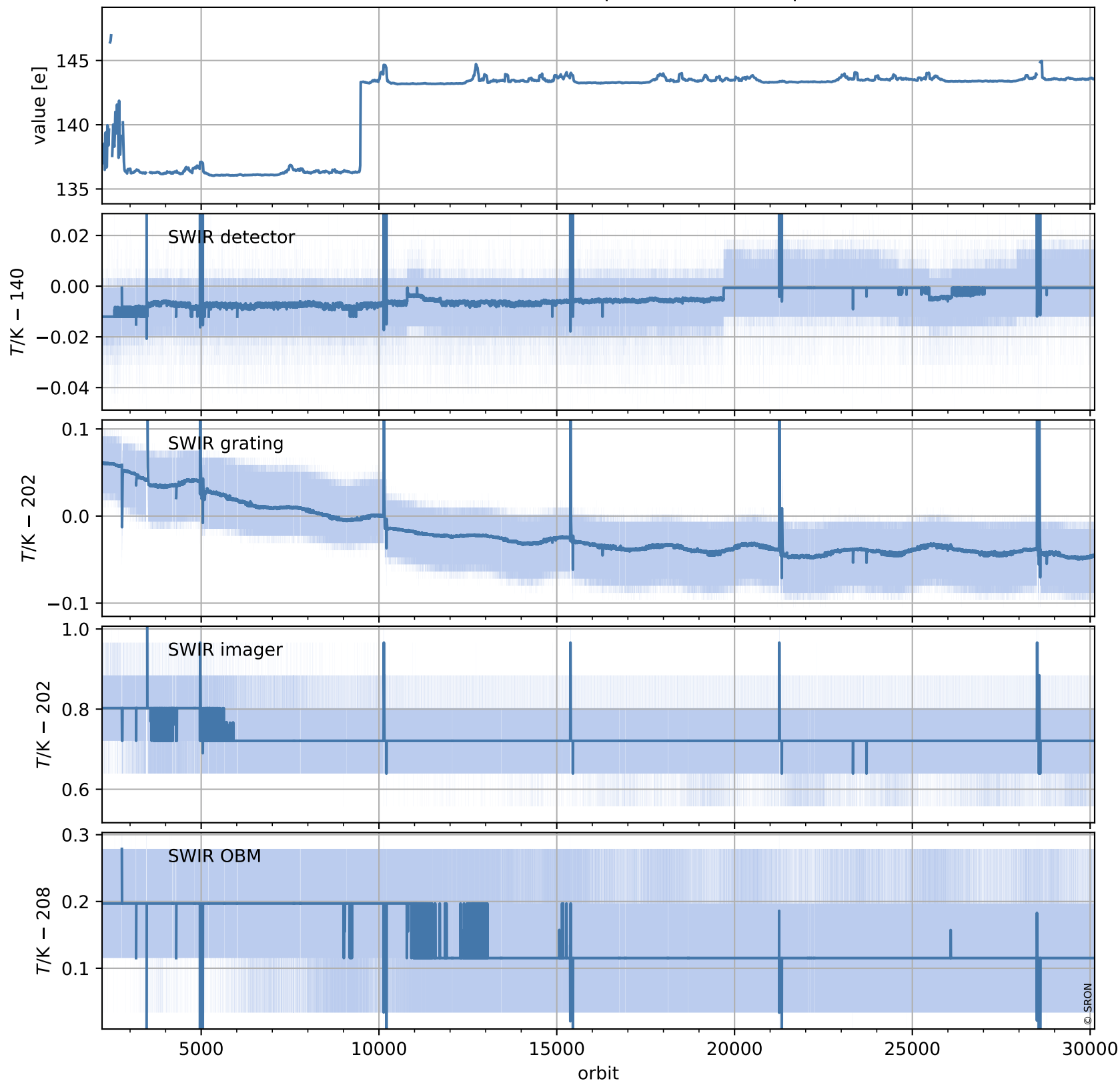
orbits : 12 in [30037, 30127]
coverage : 2023-07-31 / 2023-08-06
created : 2023-08-21T17:11:56



Tropomi SWIR background noise (swir)

orbits : [2212, 30127]
coverage : 2018-03-18 / 2023-08-06
created : 2023-08-21T17:11:57

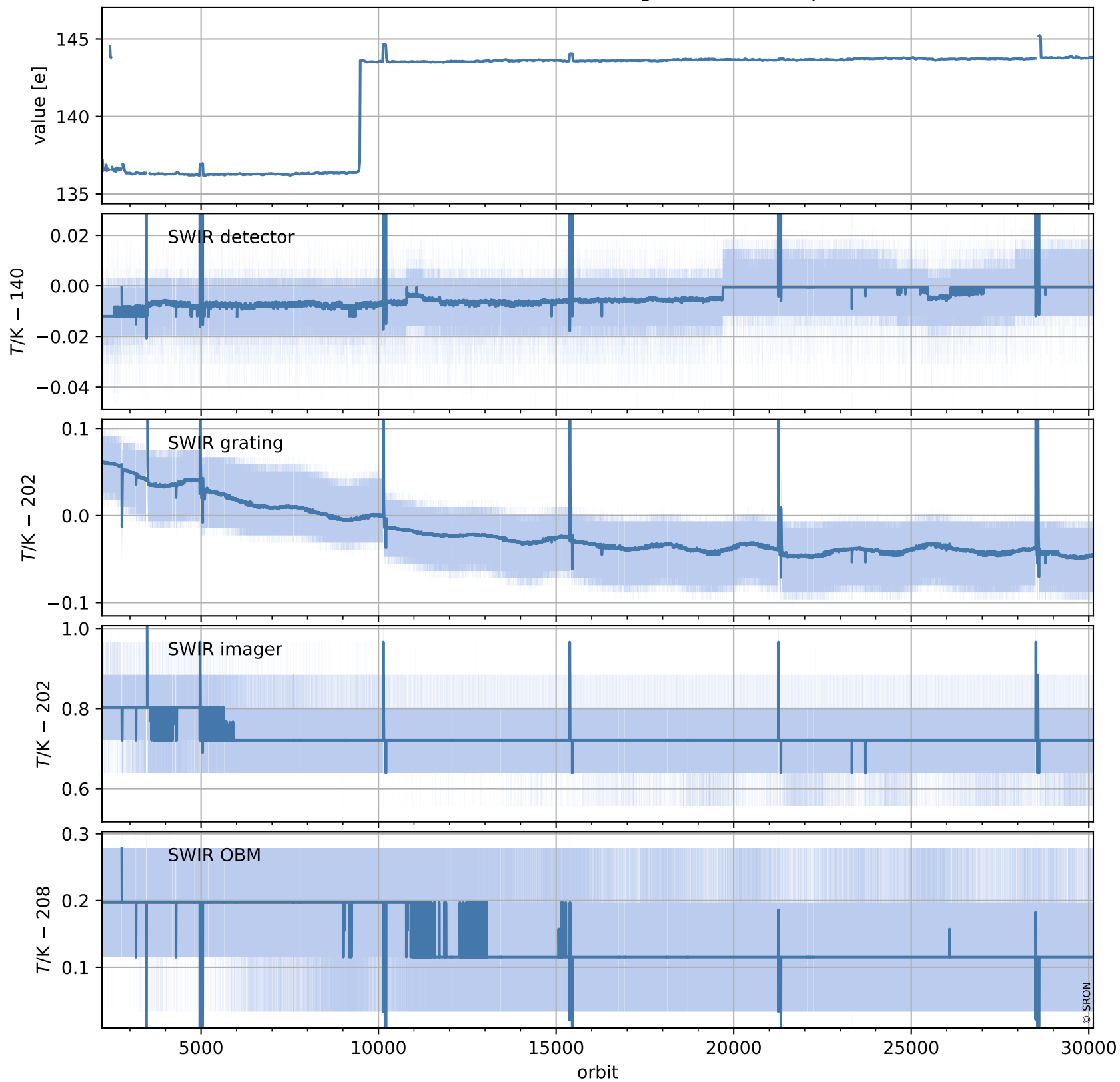
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30127]
coverage : 2018-03-18 / 2023-08-06
created : 2023-08-21T17:11:57

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30127]
coverage : 2018-03-18 / 2023-08-06
created : 2023-08-21T17:11:58

trend of normalized read-noise & temperatures

