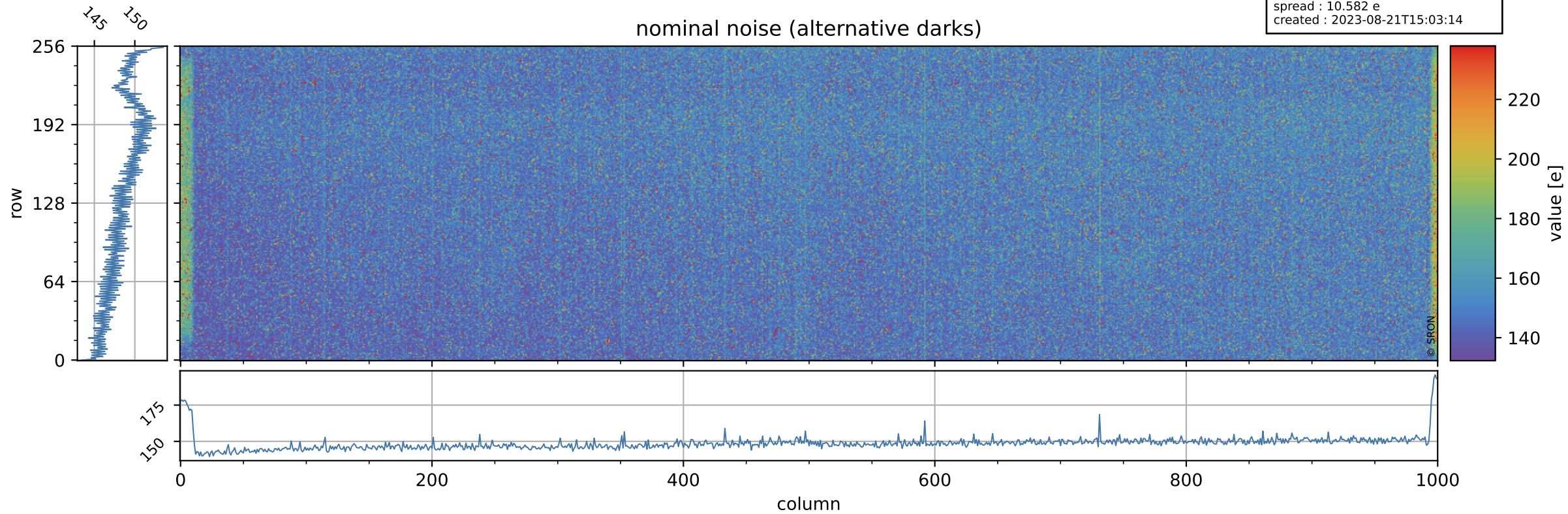


Tropomi SWIR background noise (swir)

orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.582 e
created : 2023-08-21T15:03:14

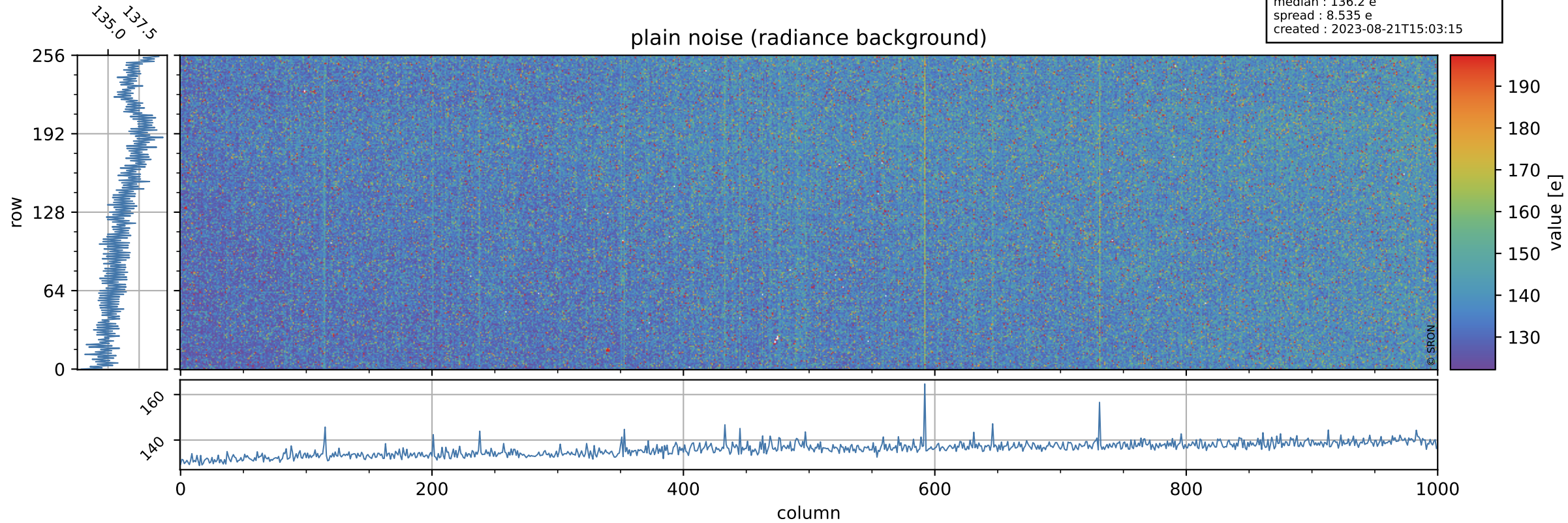
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.535 e
created : 2023-08-21T15:03:15

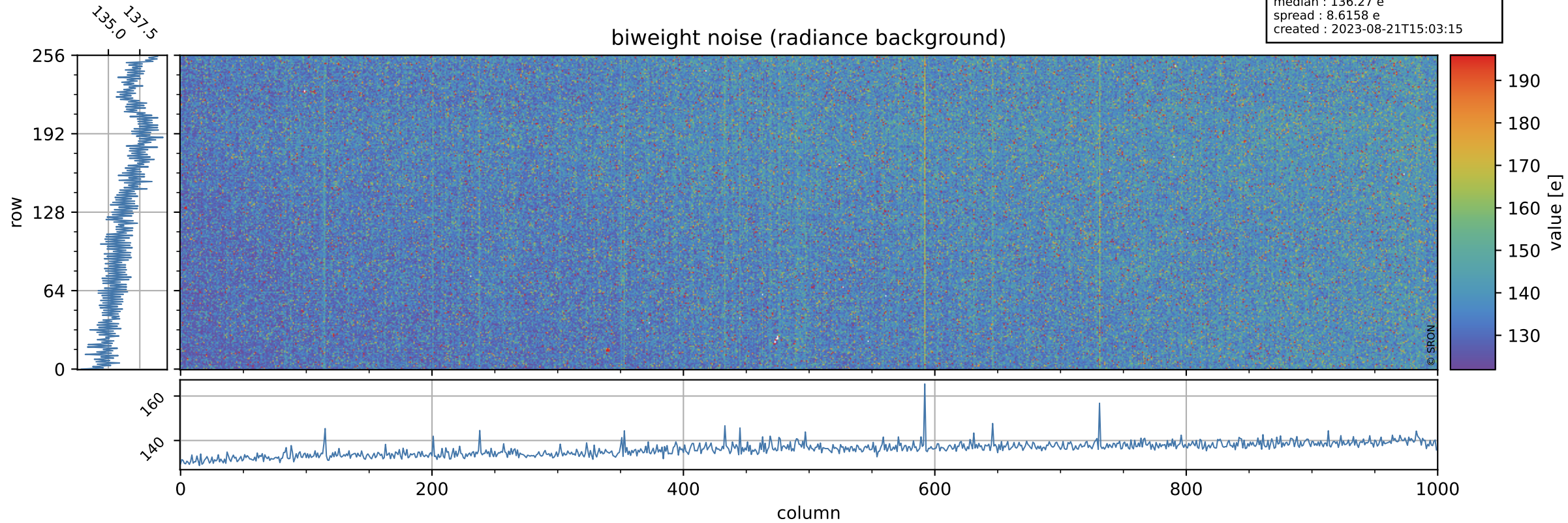
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6158 e
created : 2023-08-21T15:03:15

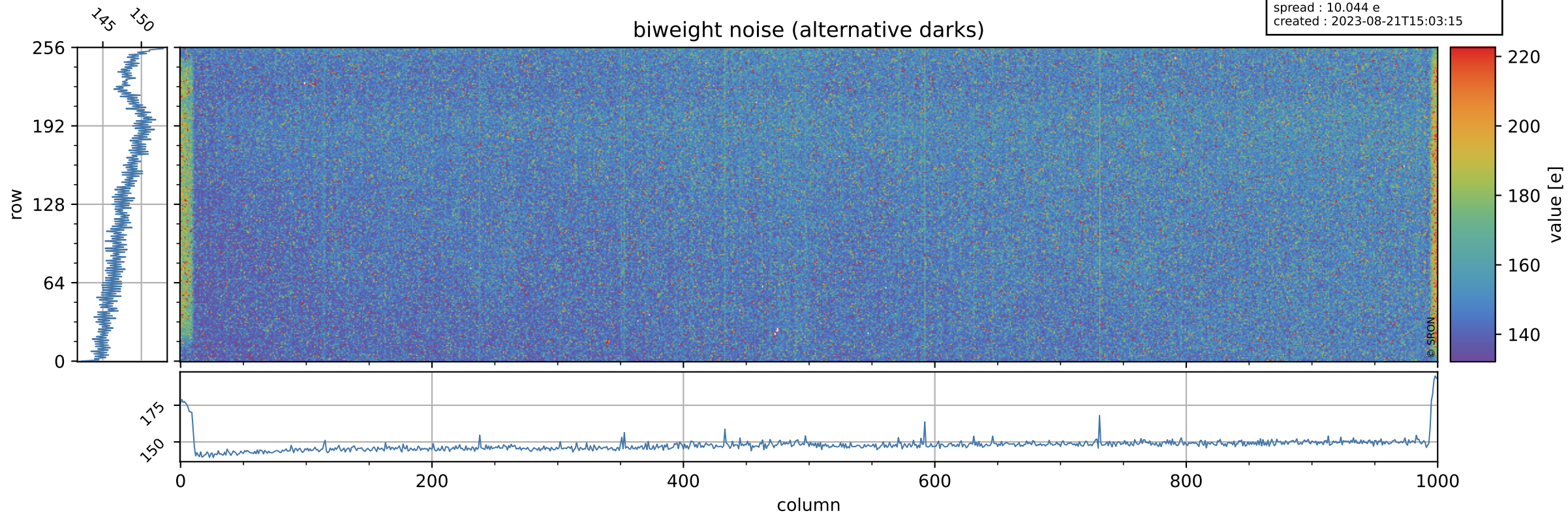
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.044 e
created : 2023-08-21T15:03:15

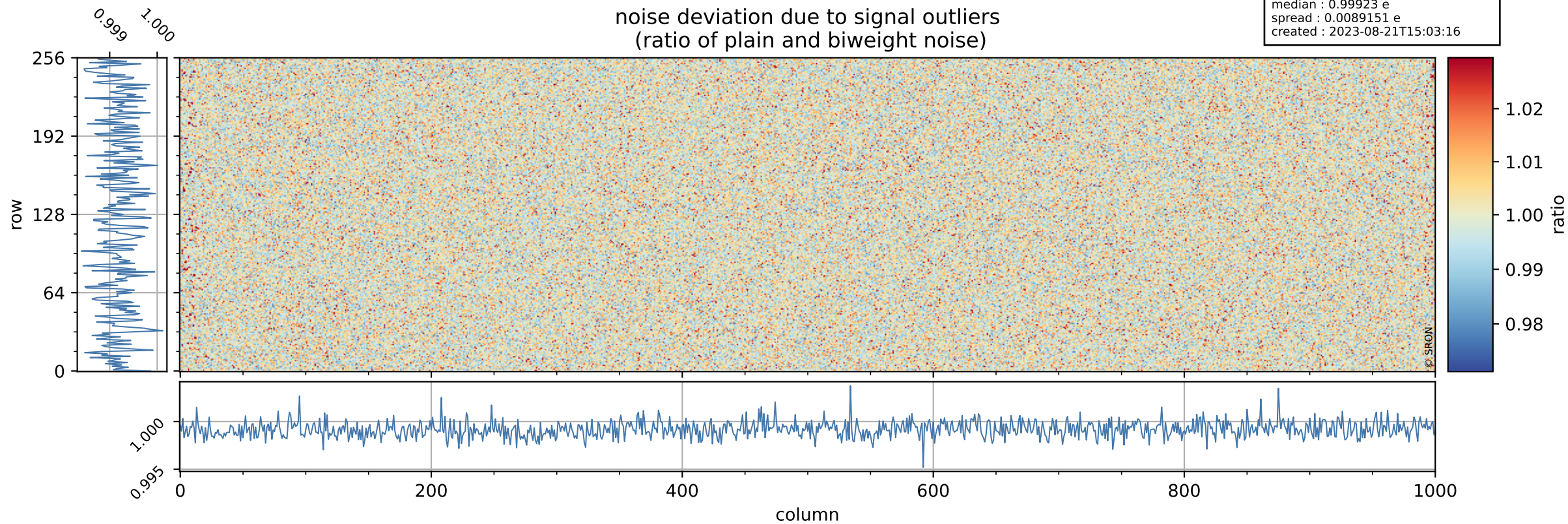
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

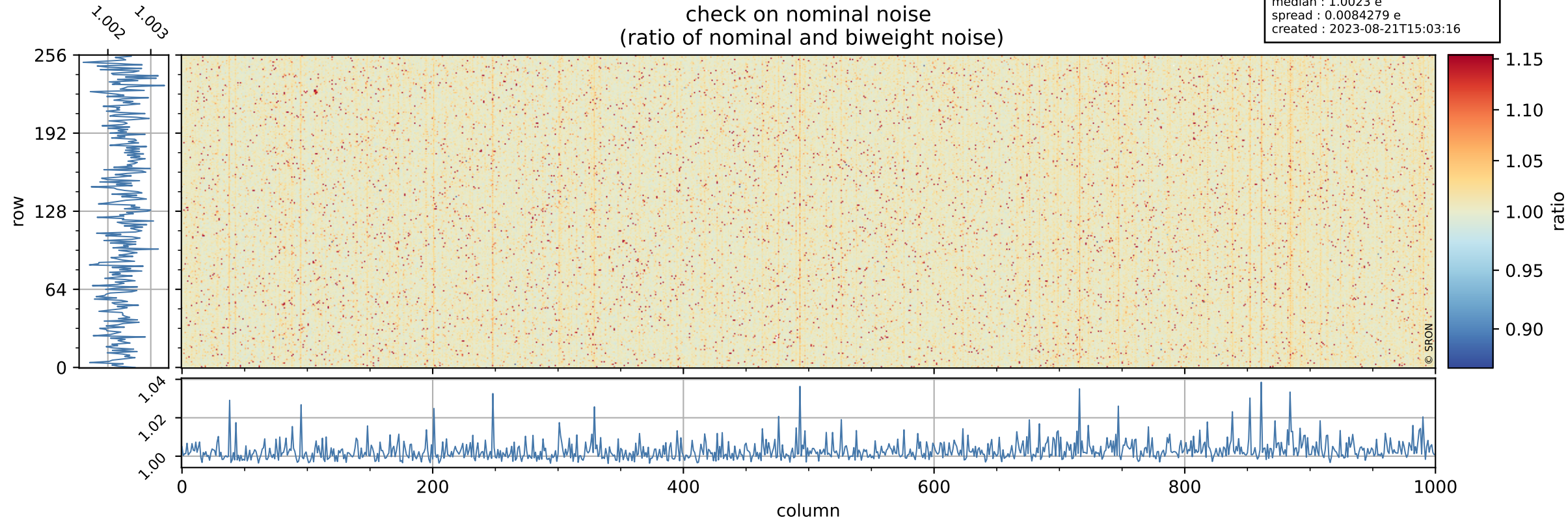
orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
median : 0.99923 e
spread : 0.0089151 e
created : 2023-08-21T15:03:16



Tropomi SWIR background noise (swir)

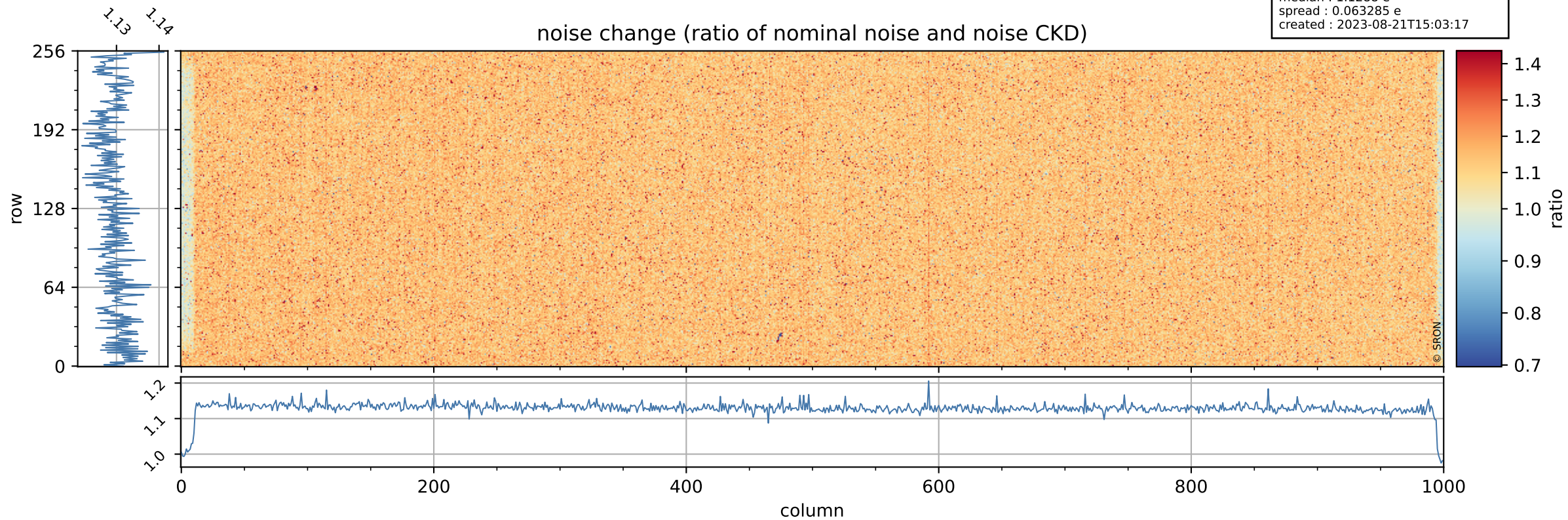
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
median : 1.0023 e
spread : 0.0084279 e
created : 2023-08-21T15:03:16



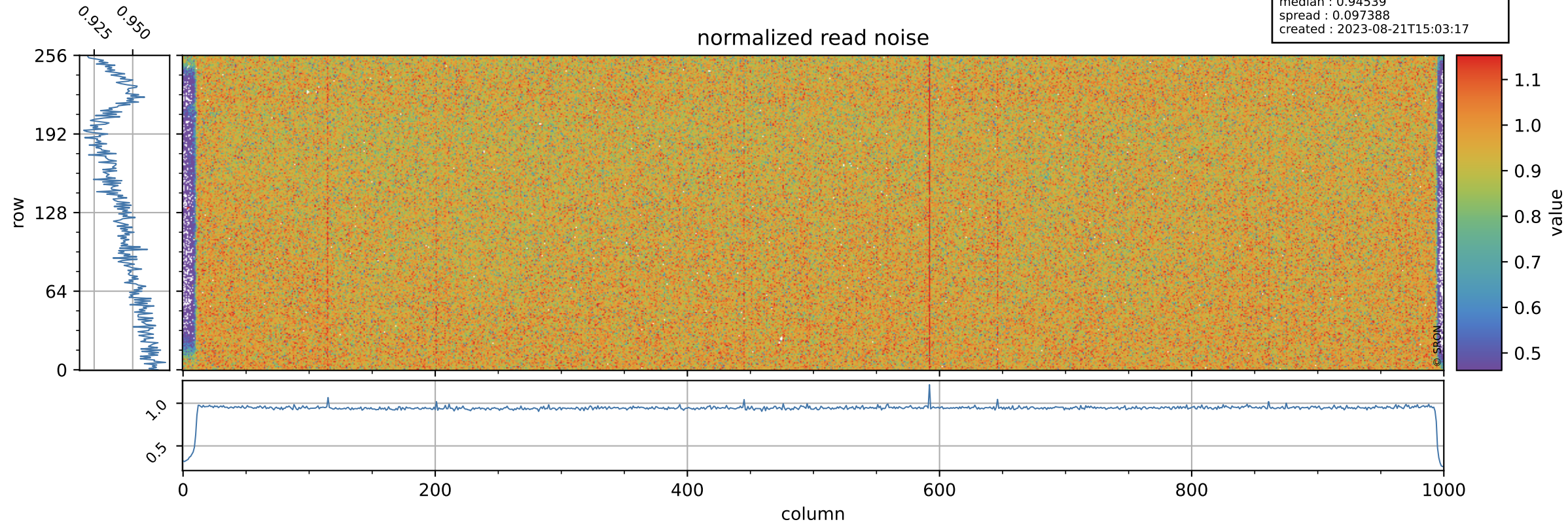
Tropomi SWIR background noise (swir)

orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
median : 1.1288 e
spread : 0.063285 e
created : 2023-08-21T15:03:17



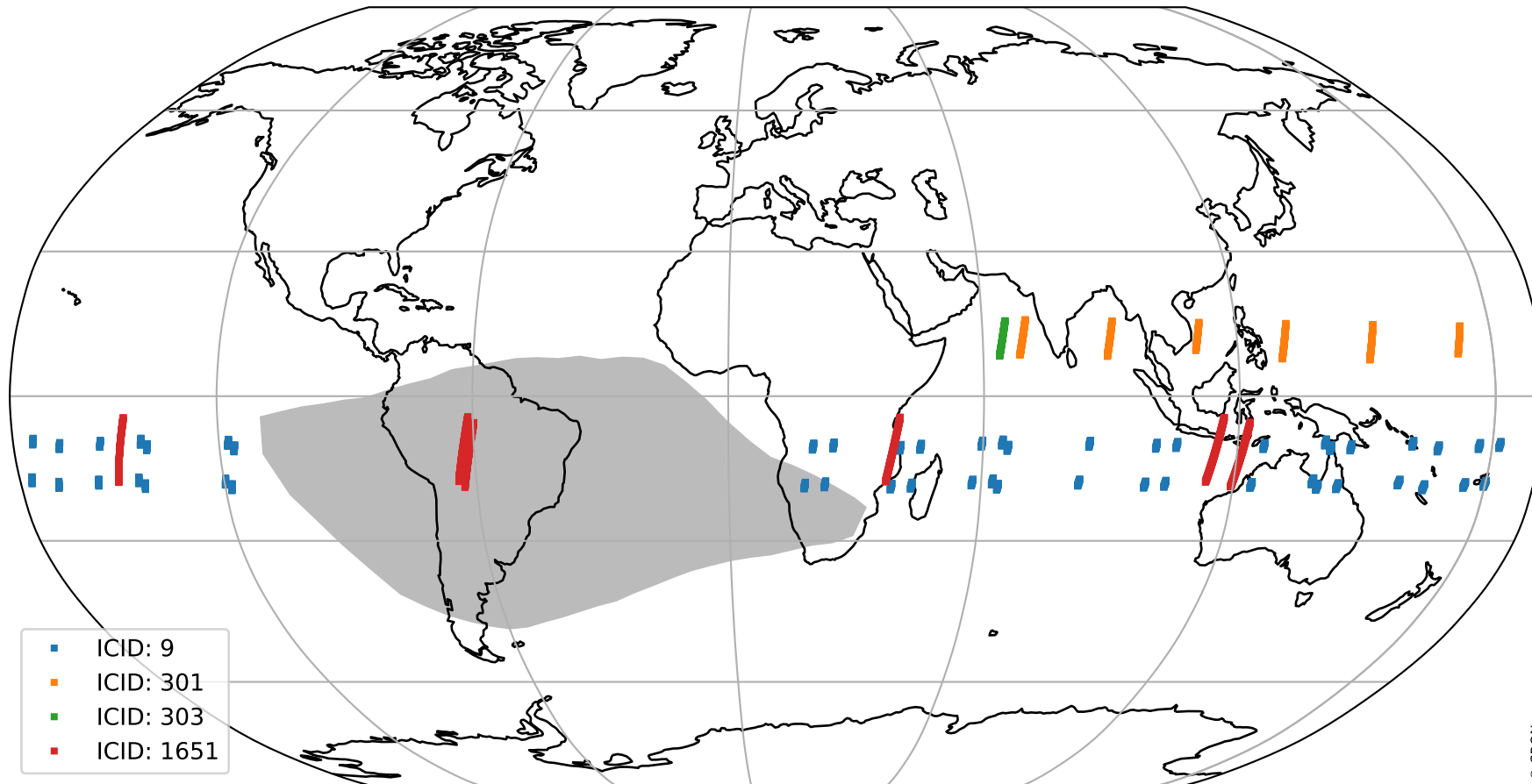
Tropomi SWIR background noise (swir)

orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
median : 0.94539
spread : 0.097388
created : 2023-08-21T15:03:17



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

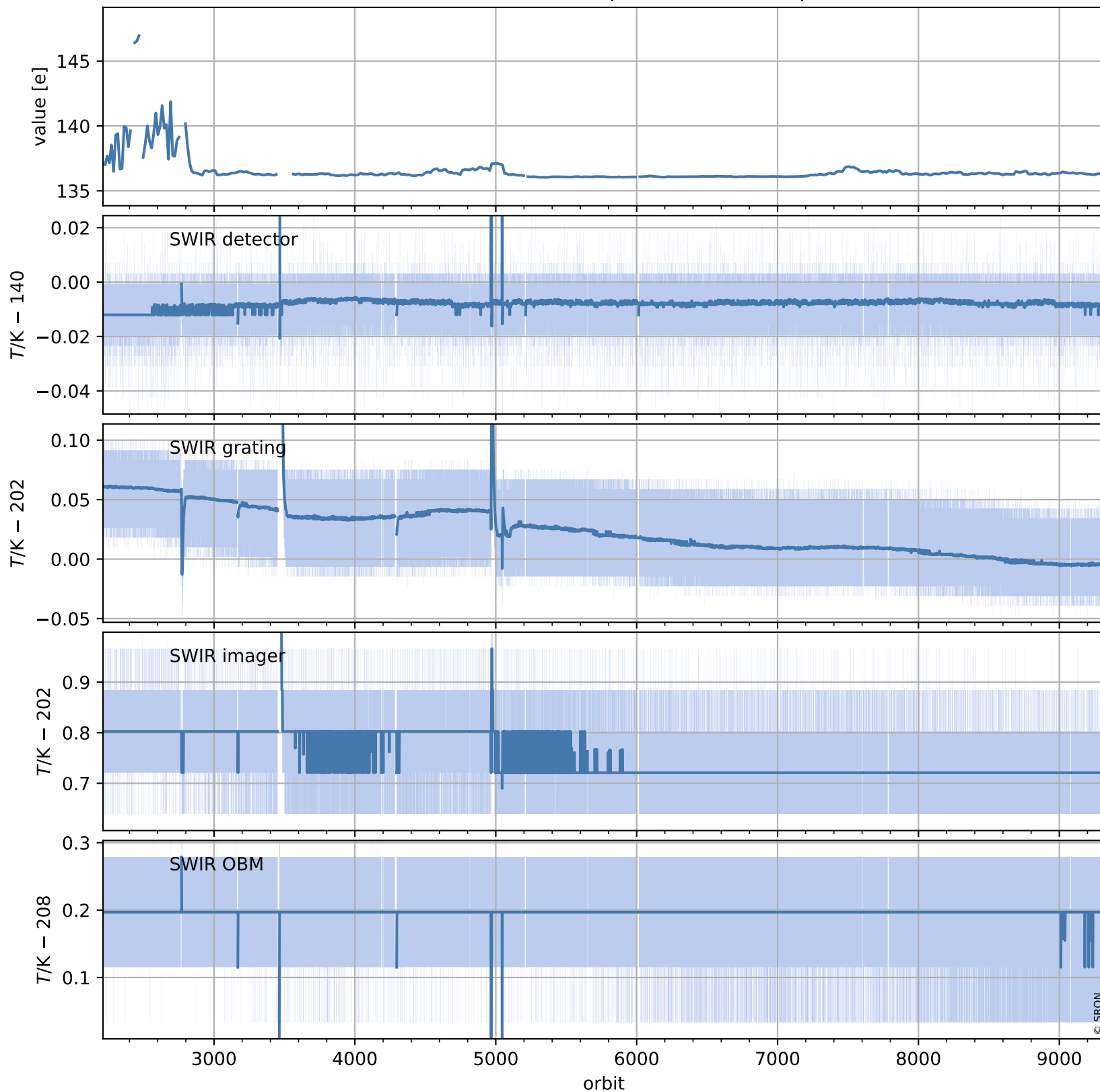
orbits : 13 in [9232, 9322]
coverage : 2019-07-26 / 2019-08-01
created : 2023-08-21T15:03:18



Tropomi SWIR background noise (swir)

orbits : [2212, 9322]
coverage : 2018-03-18 / 2019-08-01
created : 2023-08-21T15:03:18

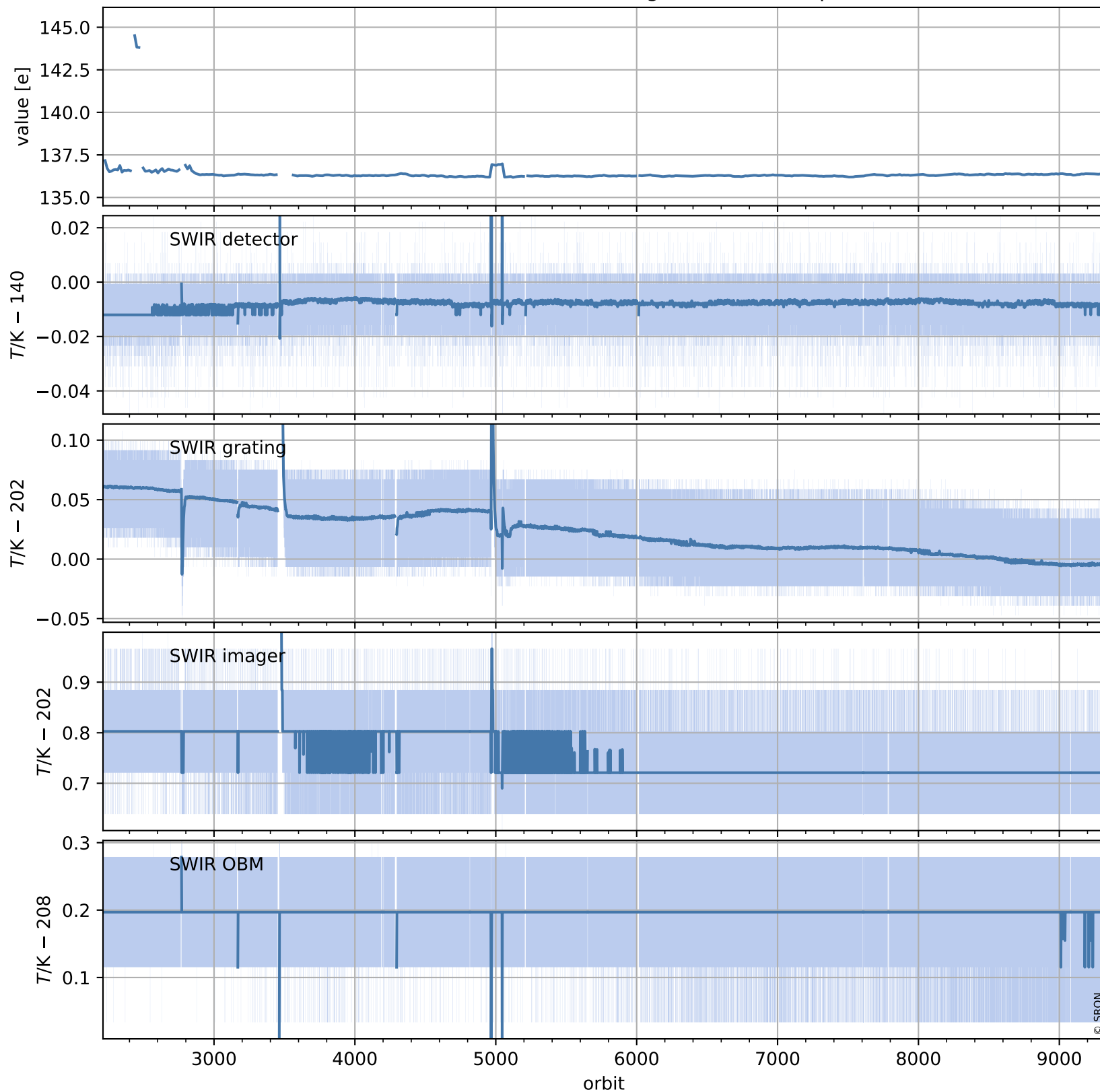
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9322]
coverage : 2018-03-18 / 2019-08-01
created : 2023-08-21T15:03:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9322]
coverage : 2018-03-18 / 2019-08-01
created : 2023-08-21T15:03:20

trend of normalized read-noise & temperatures

