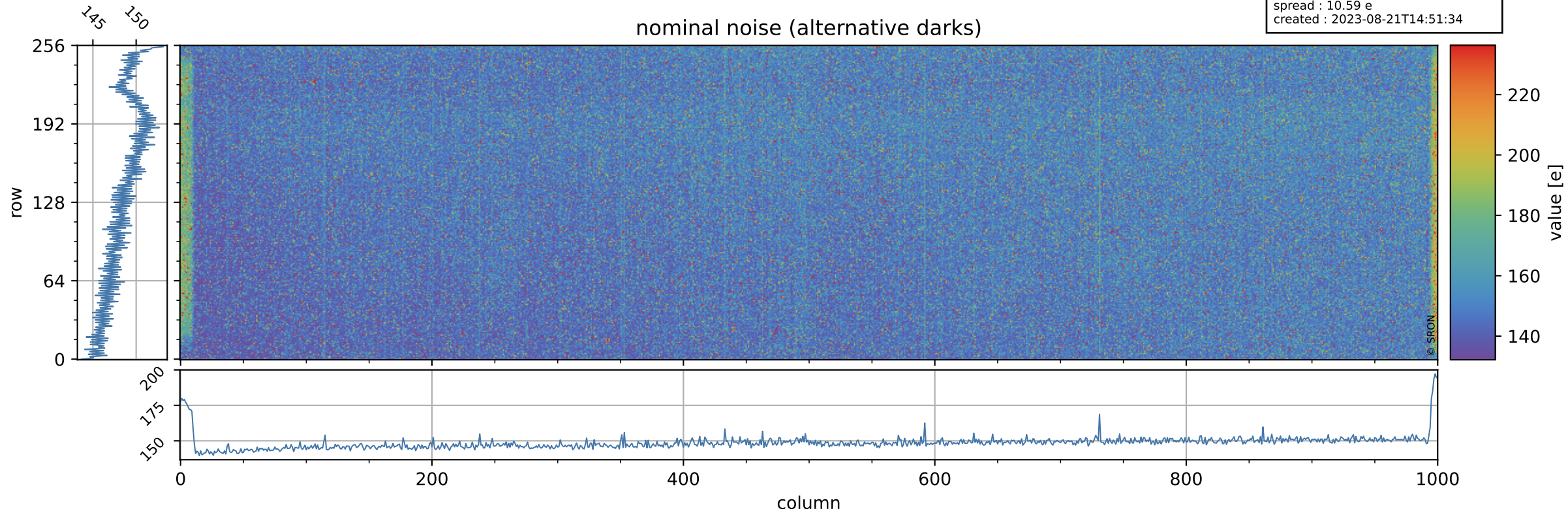


Tropomi SWIR background noise (swir)

orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.59 e
created : 2023-08-21T14:51:34

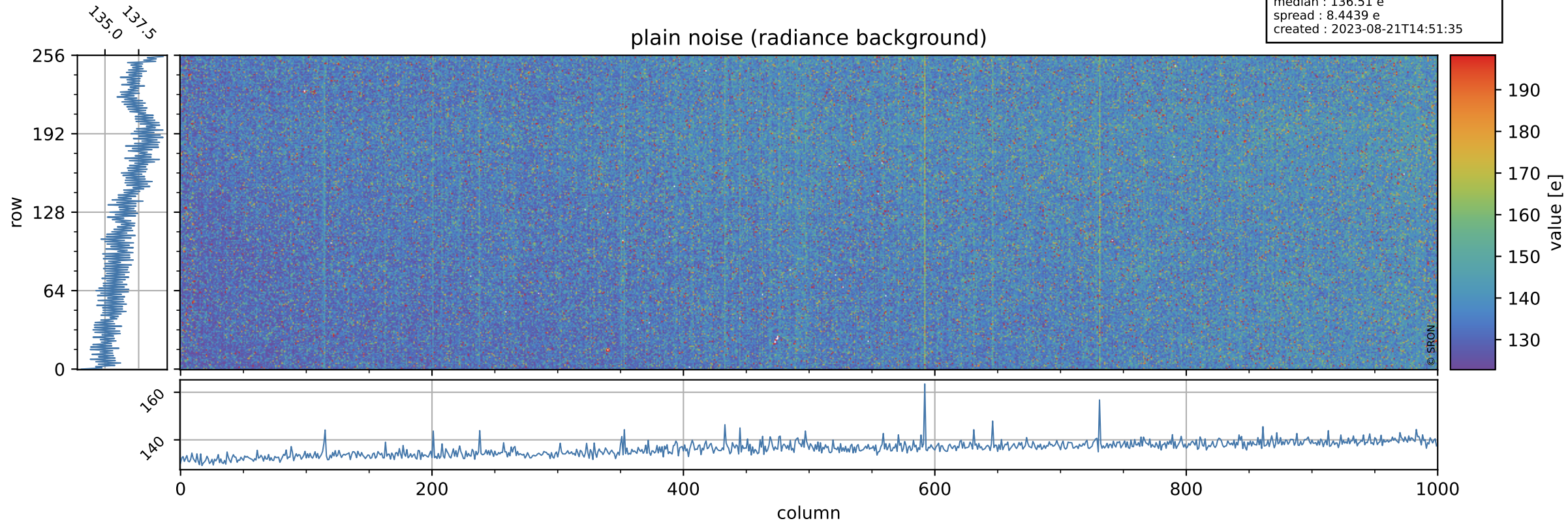
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
n_coad, t_exp : 2, 0.5383
median : 136.51 e
spread : 8.4439 e
created : 2023-08-21T14:51:35

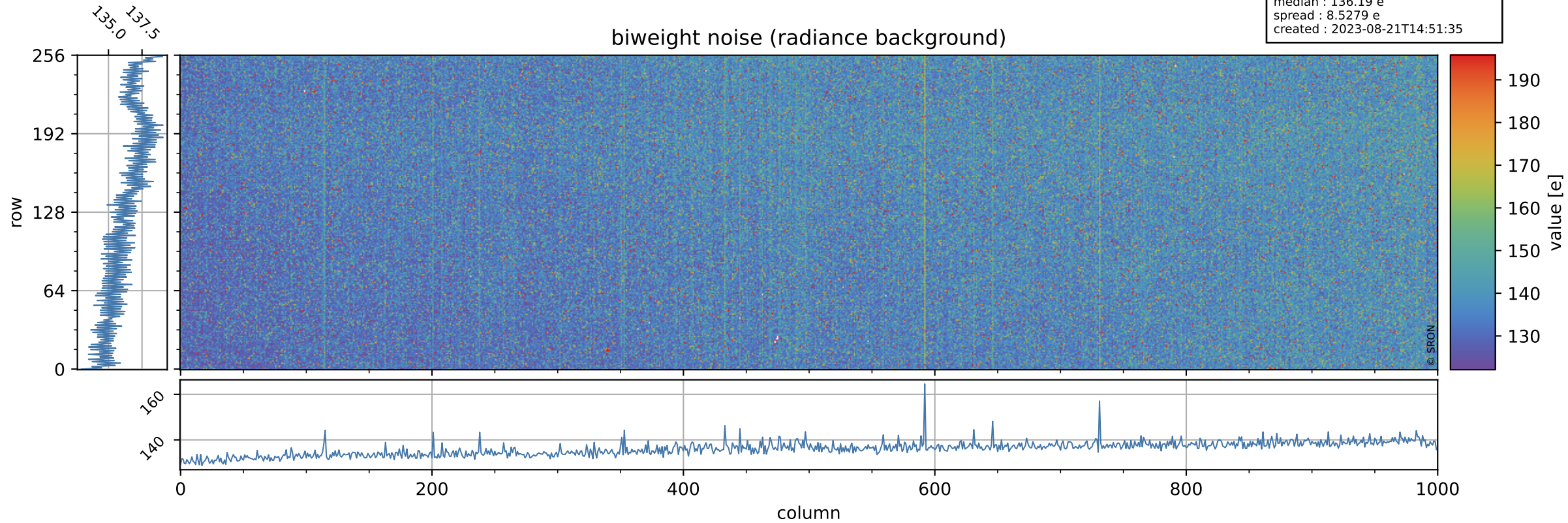
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5279 e
created : 2023-08-21T14:51:35

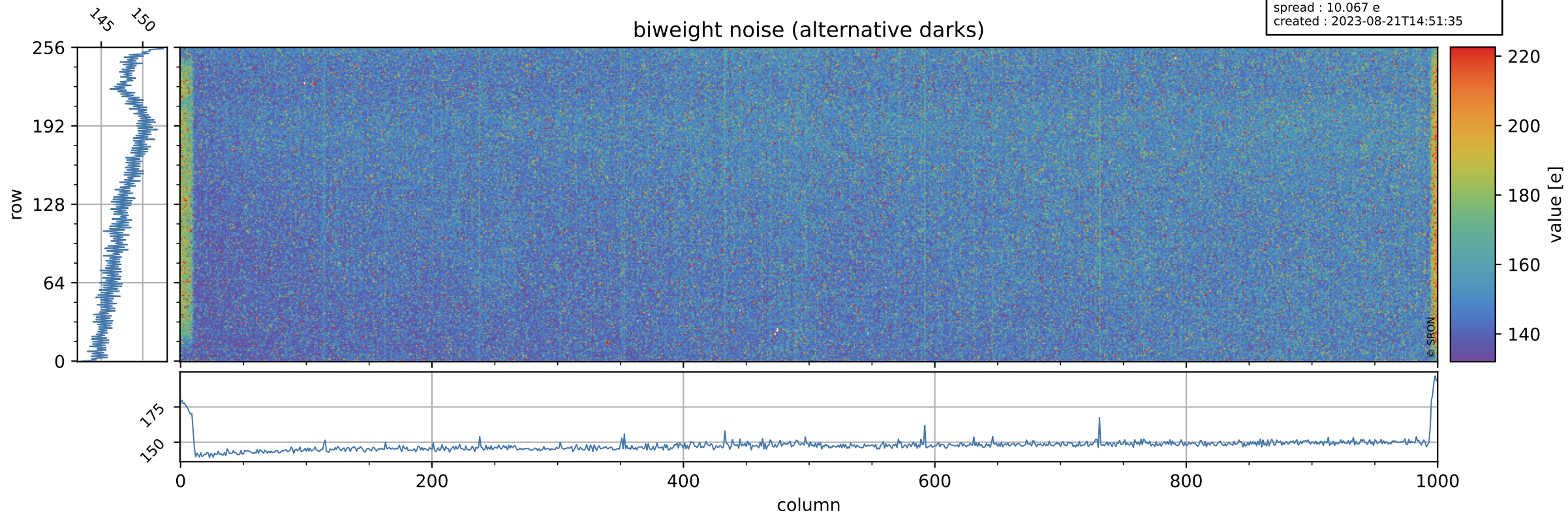
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.067 e
created : 2023-08-21T14:51:35

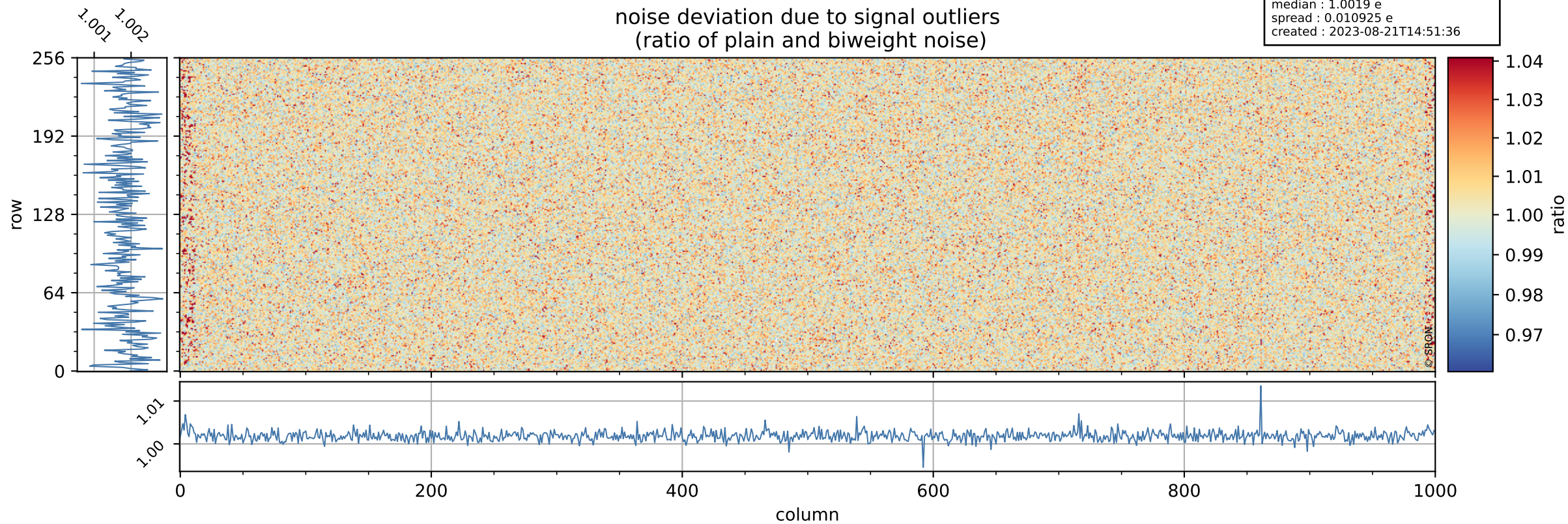
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

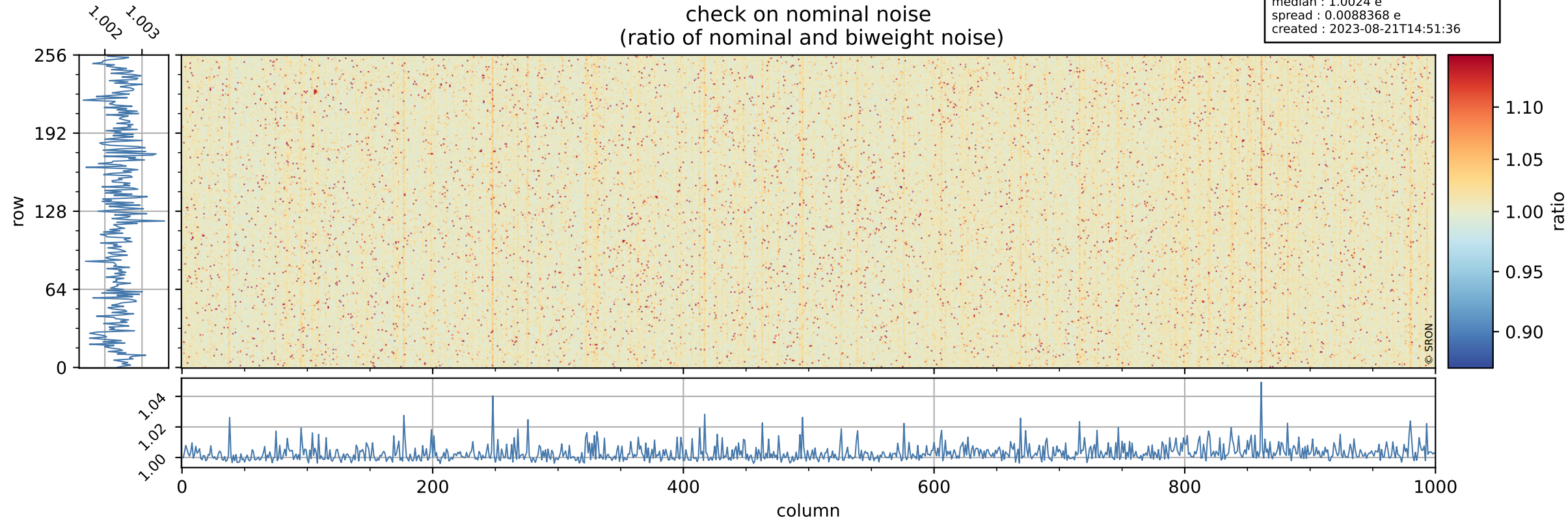
orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
median : 1.0019 e
spread : 0.010925 e
created : 2023-08-21T14:51:36



Tropomi SWIR background noise (swir)

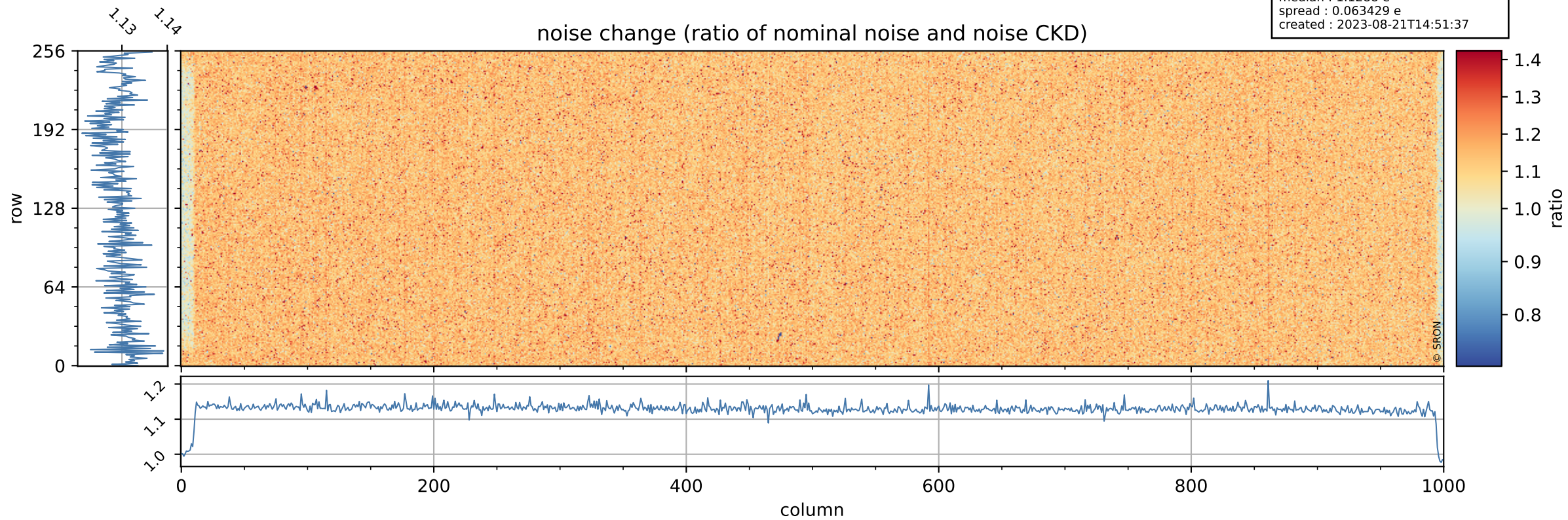
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
median : 1.0024 e
spread : 0.0088368 e
created : 2023-08-21T14:51:36



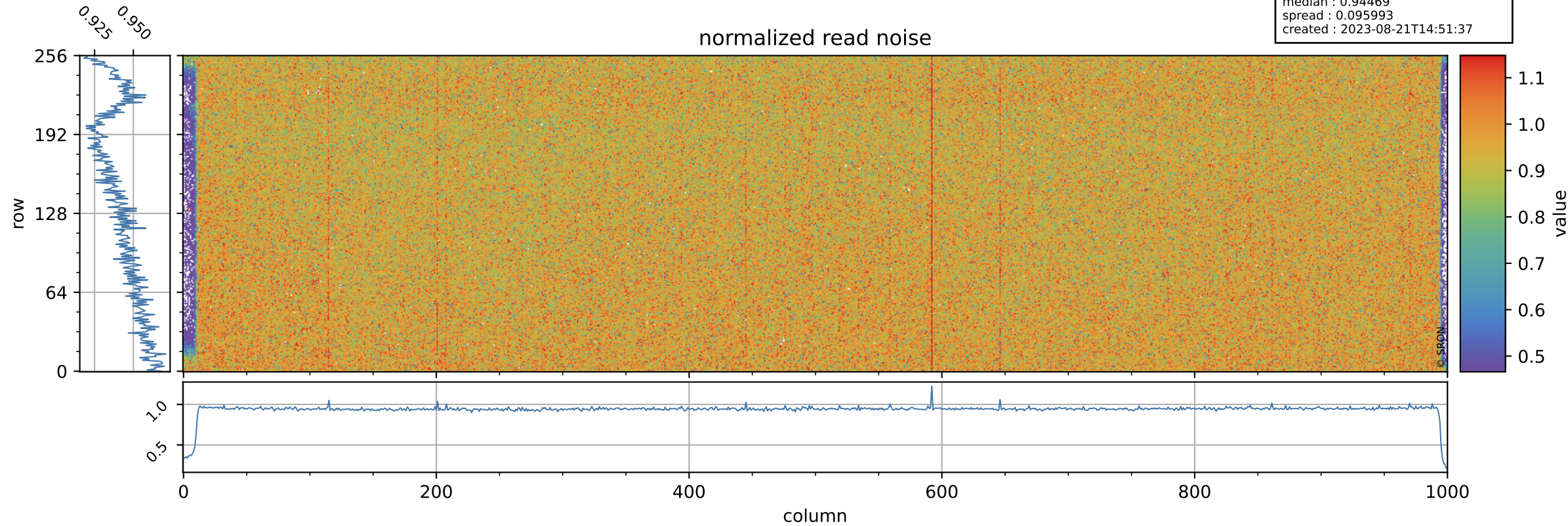
Tropomi SWIR background noise (swir)

orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
median : 1.1288 e
spread : 0.063429 e
created : 2023-08-21T14:51:37



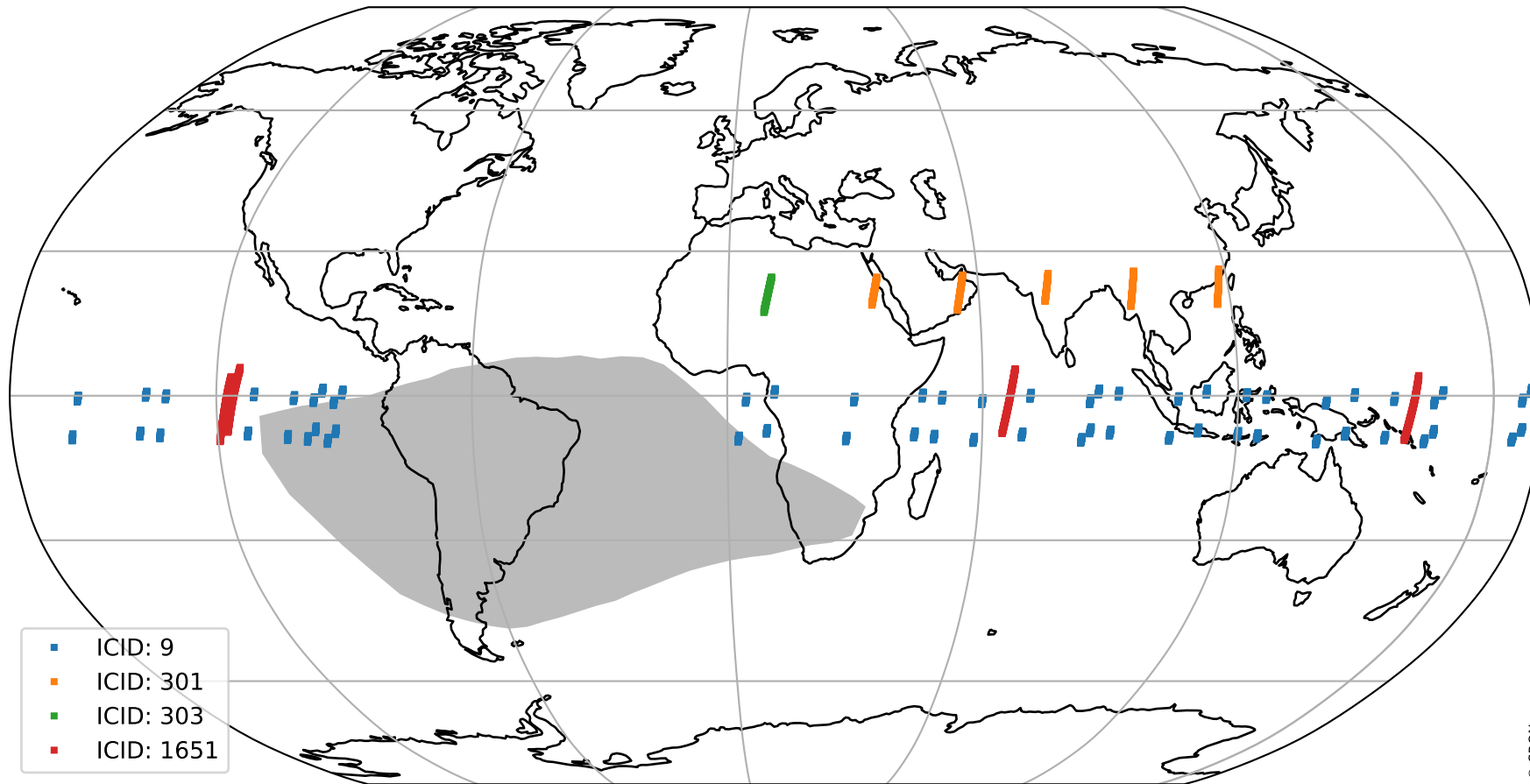
Tropomi SWIR background noise (swir)

orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
median : 0.94469
spread : 0.095993
created : 2023-08-21T14:51:37



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

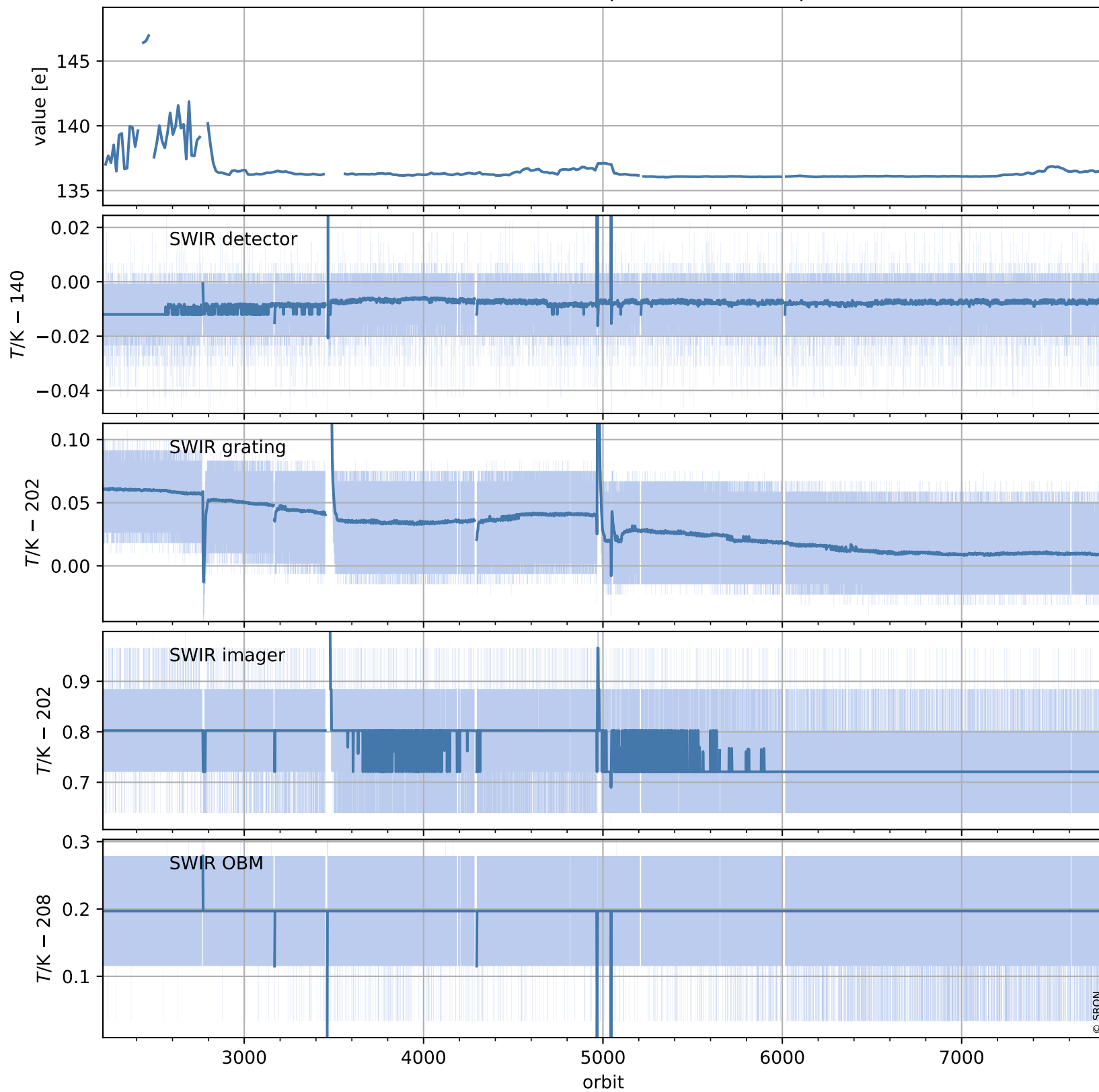
orbits : 10 in [7702, 7792]
coverage : 2019-04-09 / 2019-04-15
created : 2023-08-21T14:51:37



Tropomi SWIR background noise (swir)

orbits : [2212, 7792]
coverage : 2018-03-18 / 2019-04-15
created : 2023-08-21T14:51:38

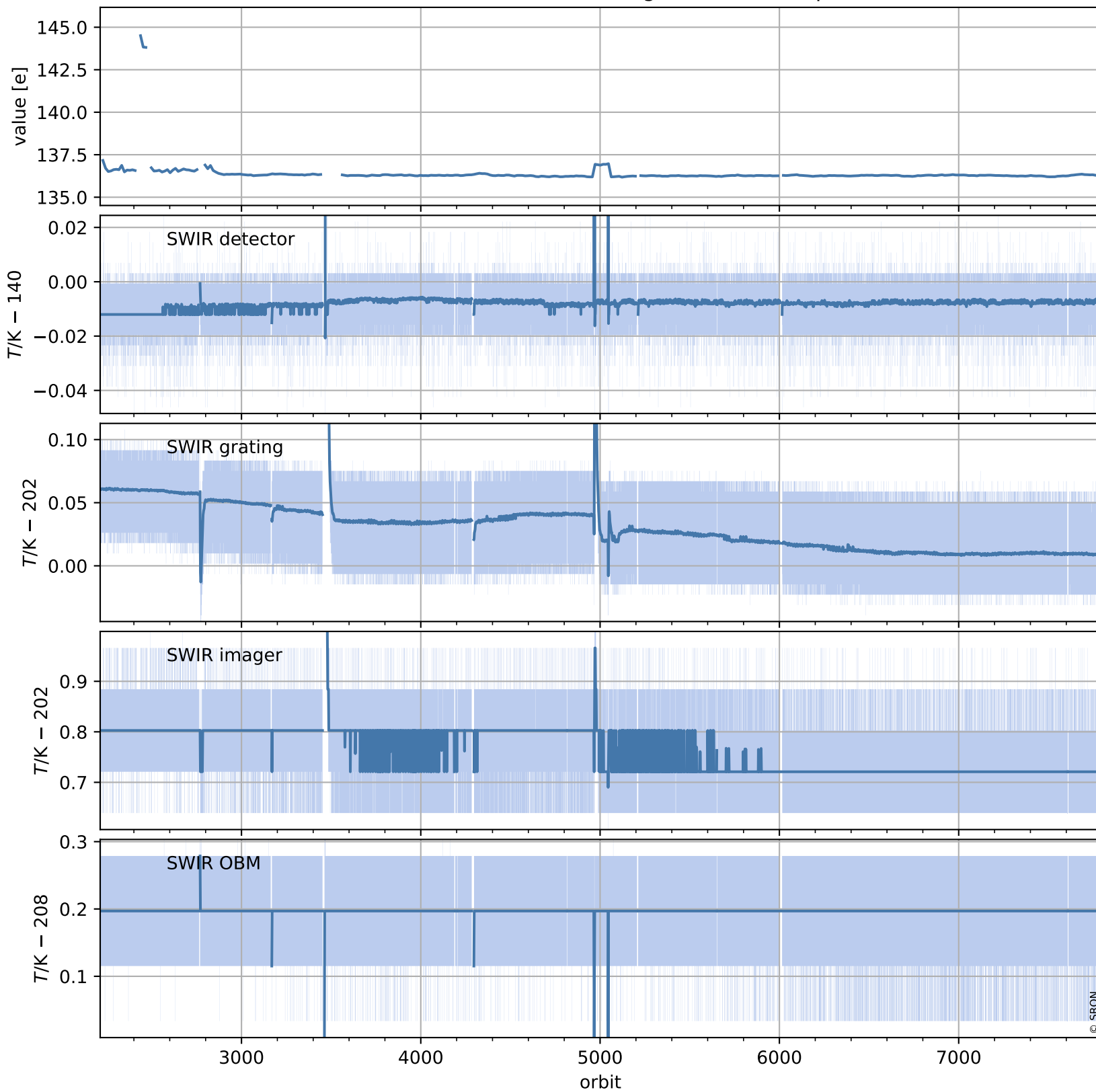
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7792]
coverage : 2018-03-18 / 2019-04-15
created : 2023-08-21T14:51:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7792]
coverage : 2018-03-18 / 2019-04-15
created : 2023-08-21T14:51:39

trend of normalized read-noise & temperatures

