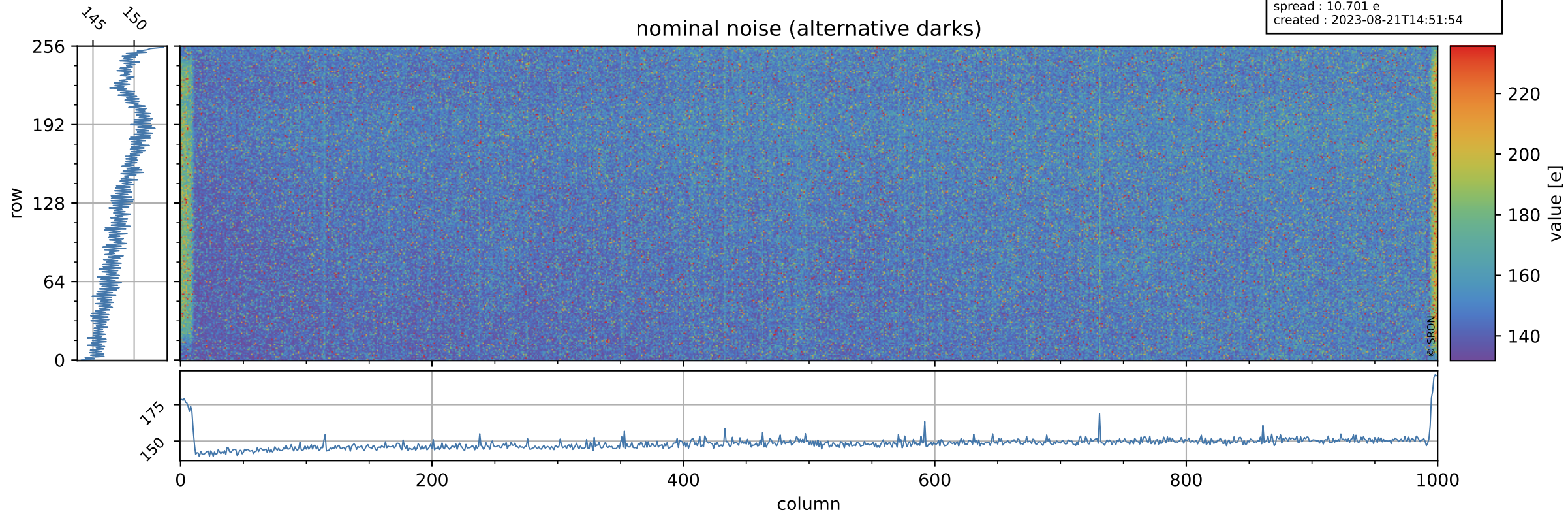


Tropomi SWIR background noise (swir)

orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.701 e
created : 2023-08-21T14:51:54

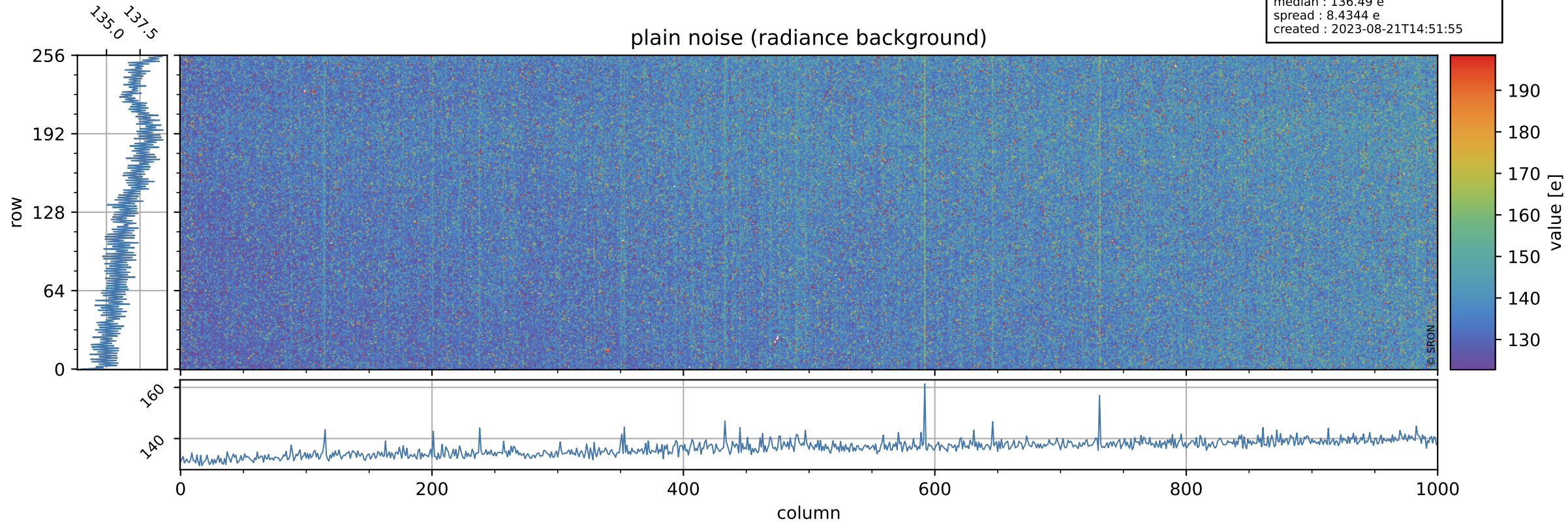
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
n_coad, t_exp : 2, 0.5383
median : 136.49 e
spread : 8.4344 e
created : 2023-08-21T14:51:55

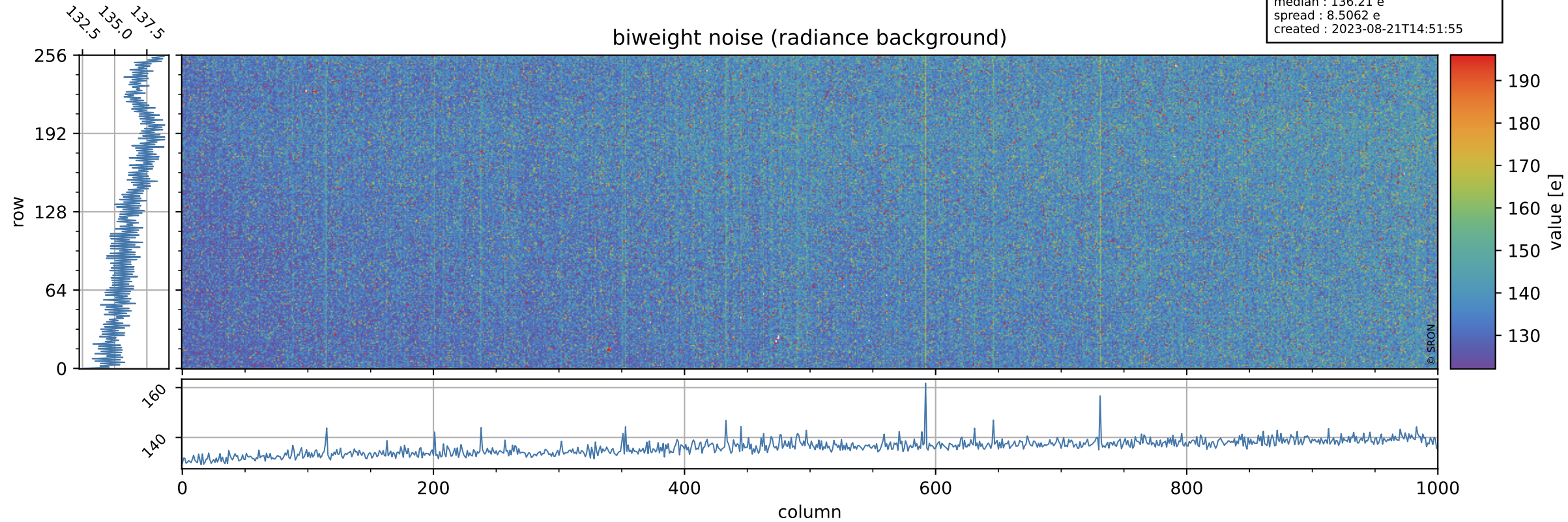
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5062 e
created : 2023-08-21T14:51:55

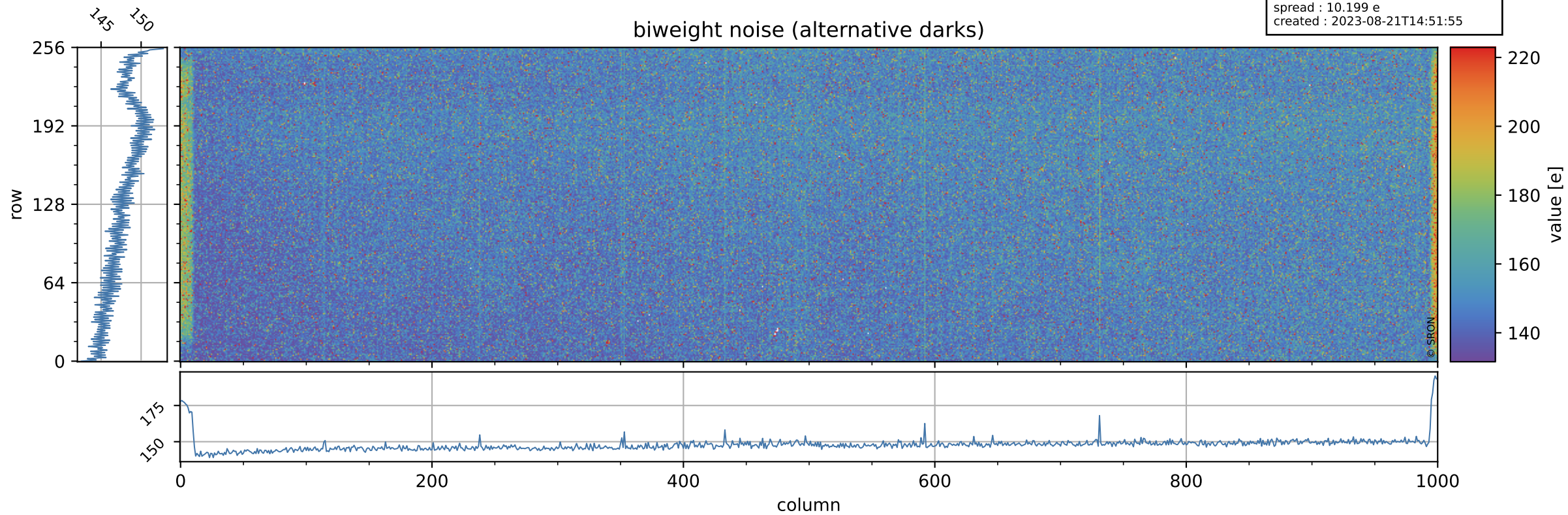
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.199 e
created : 2023-08-21T14:51:55

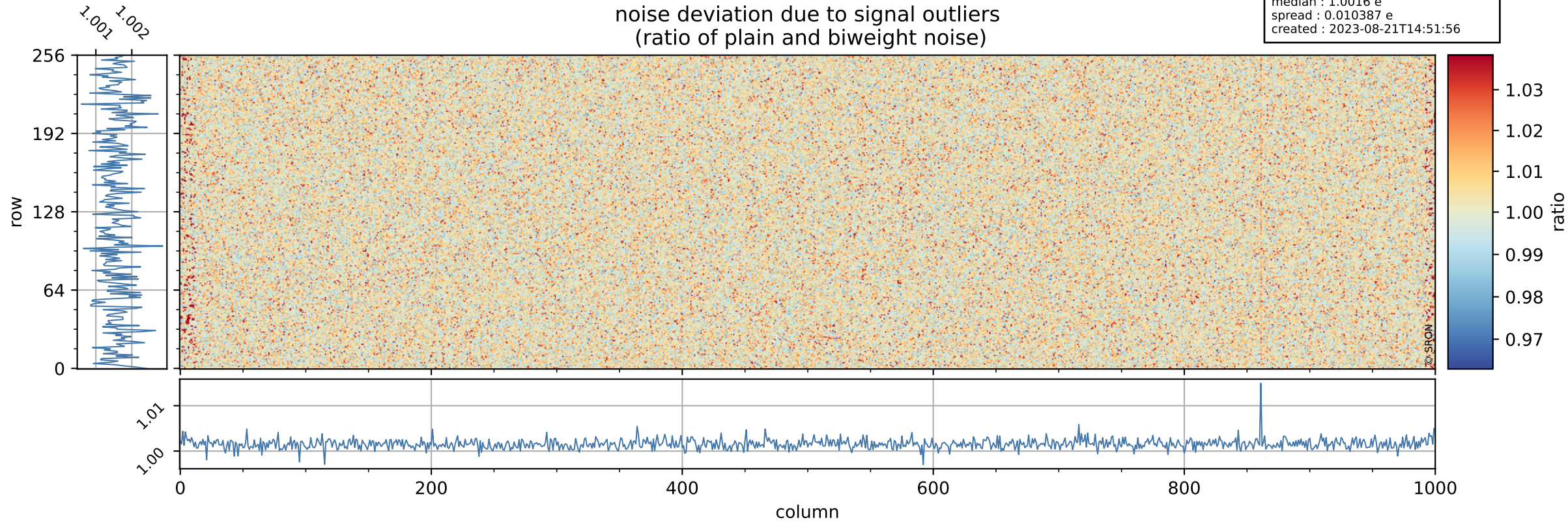
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

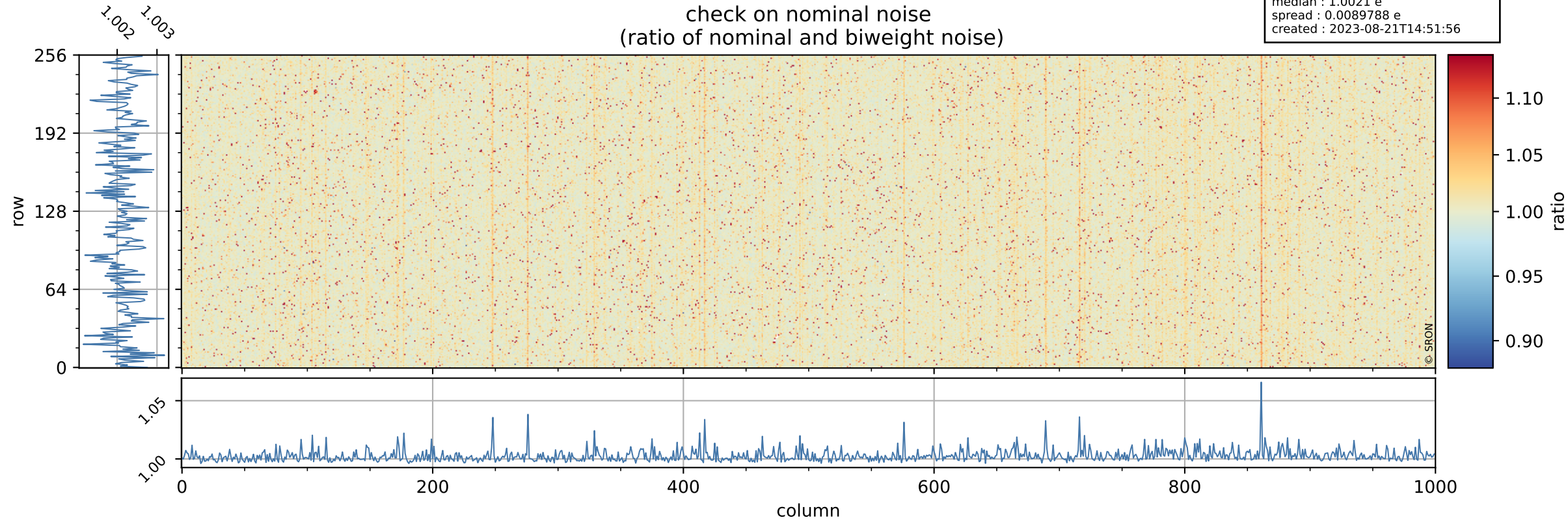
orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
median : 1.0016 e
spread : 0.010387 e
created : 2023-08-21T14:51:56



Tropomi SWIR background noise (swir)

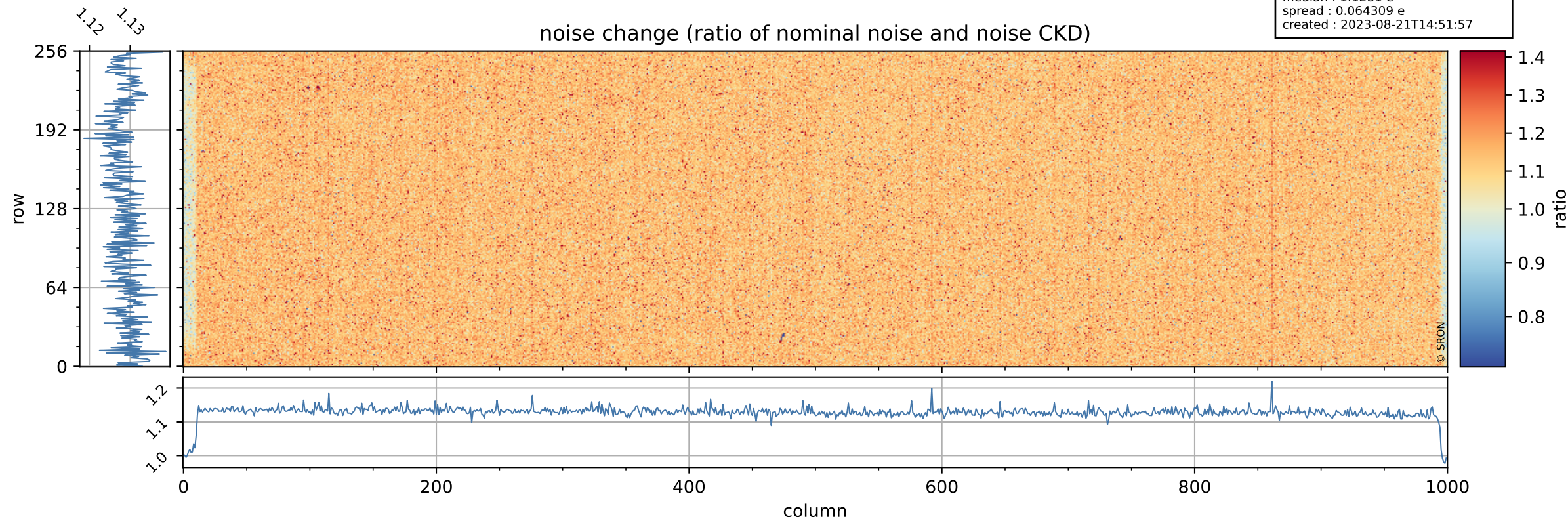
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
median : 1.0021 e
spread : 0.0089788 e
created : 2023-08-21T14:51:56



Tropomi SWIR background noise (swir)

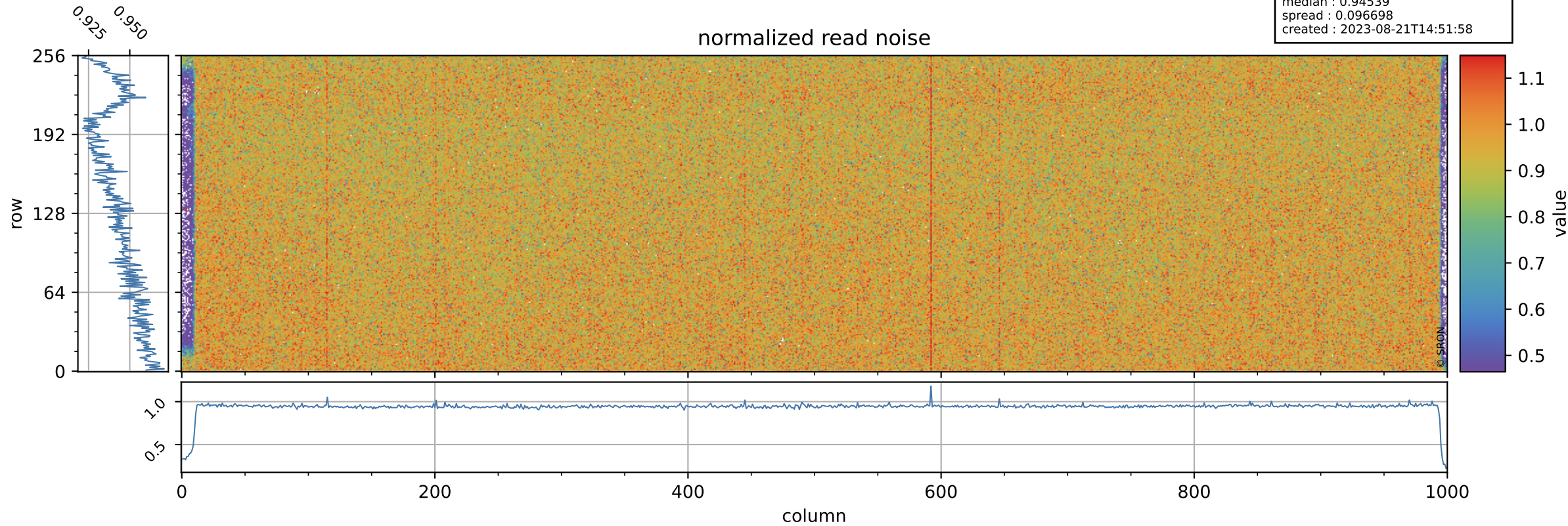
orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
median : 1.1281 e
spread : 0.064309 e
created : 2023-08-21T14:51:57



Tropomi SWIR background noise (swir)

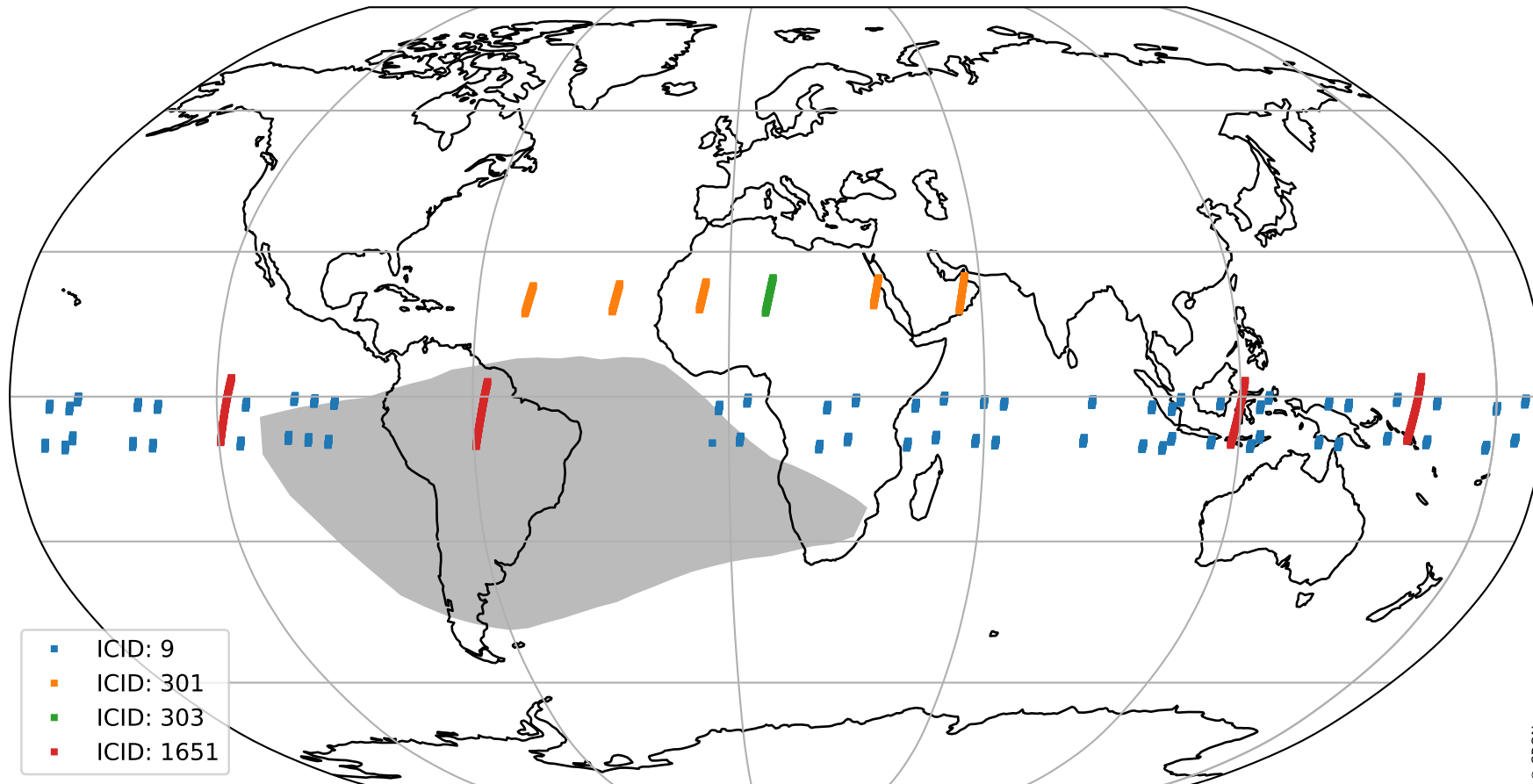
orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
median : 0.94539
spread : 0.096698
created : 2023-08-21T14:51:58

normalized read noise



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

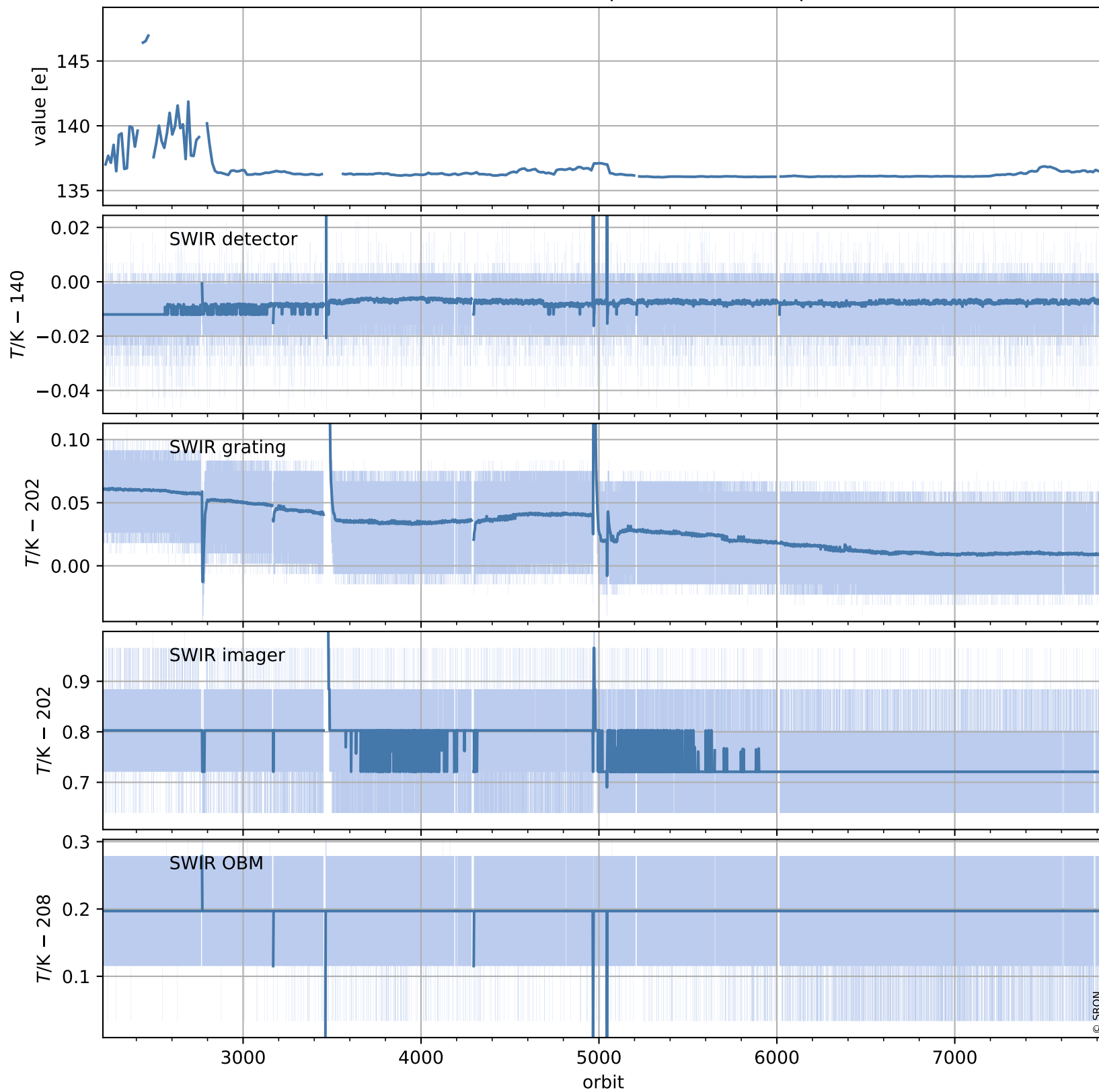
orbits : 10 in [7762, 7837]
coverage : 2019-04-12 / 2019-04-18
created : 2023-08-21T14:51:58



Tropomi SWIR background noise (swir)

orbits : [2212, 7837]
coverage : 2018-03-18 / 2019-04-18
created : 2023-08-21T14:51:58

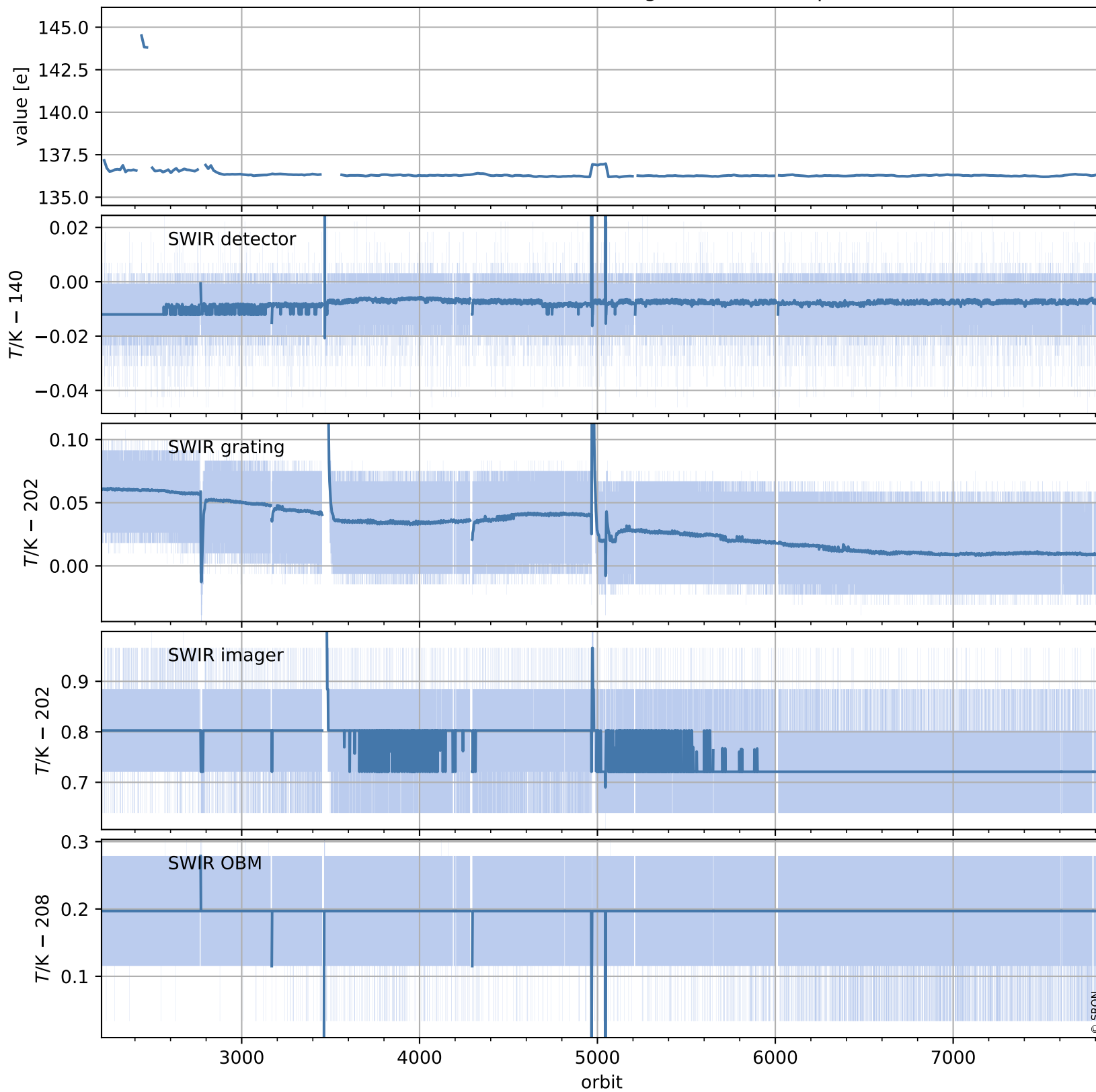
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7837]
coverage : 2018-03-18 / 2019-04-18
created : 2023-08-21T14:51:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7837]
coverage : 2018-03-18 / 2019-04-18
created : 2023-08-21T14:52:00

trend of normalized read-noise & temperatures

