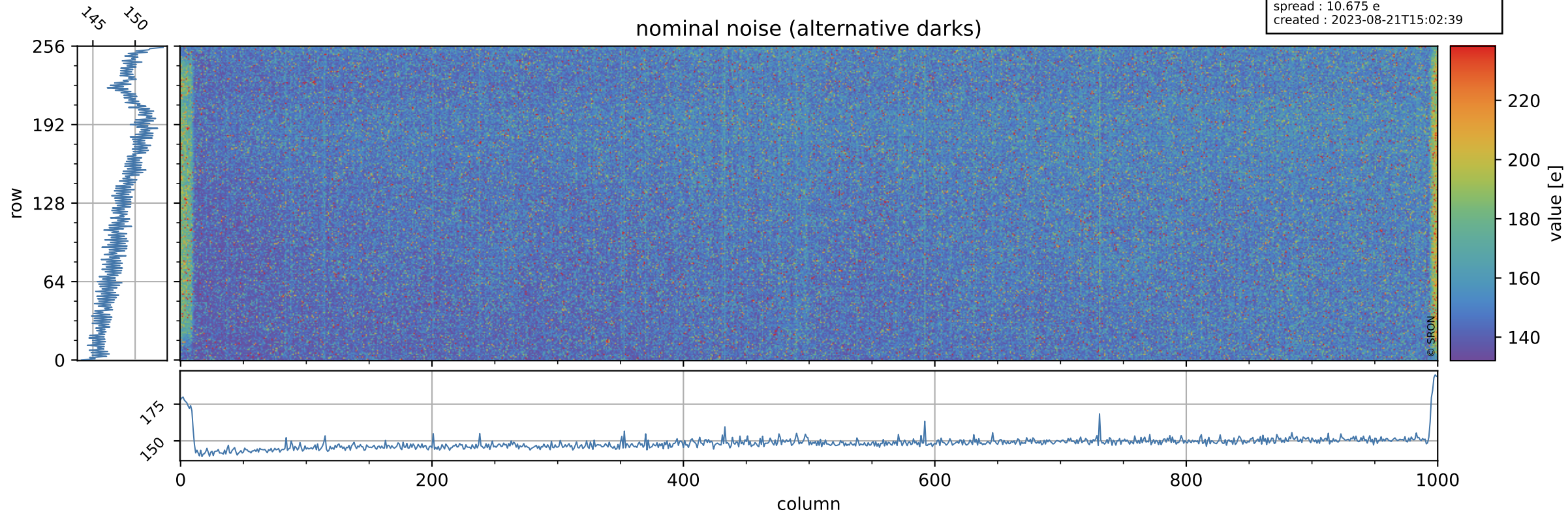


Tropomi SWIR background noise (swir)

orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.675 e
created : 2023-08-21T15:02:39

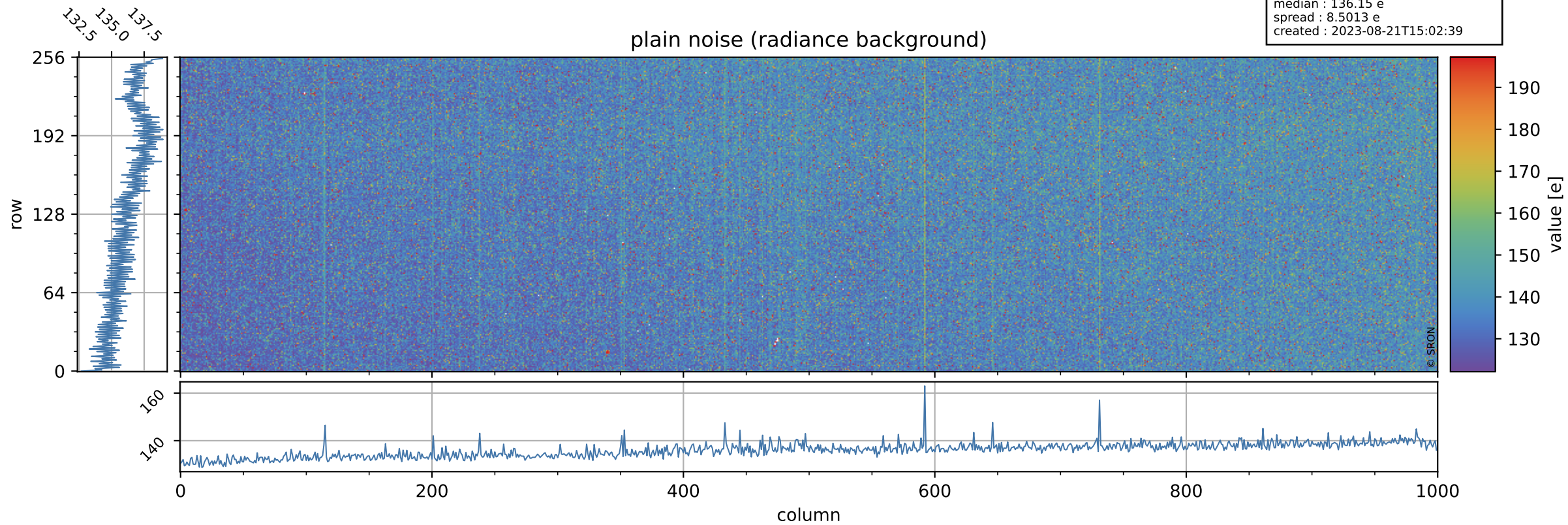
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.5013 e
created : 2023-08-21T15:02:39

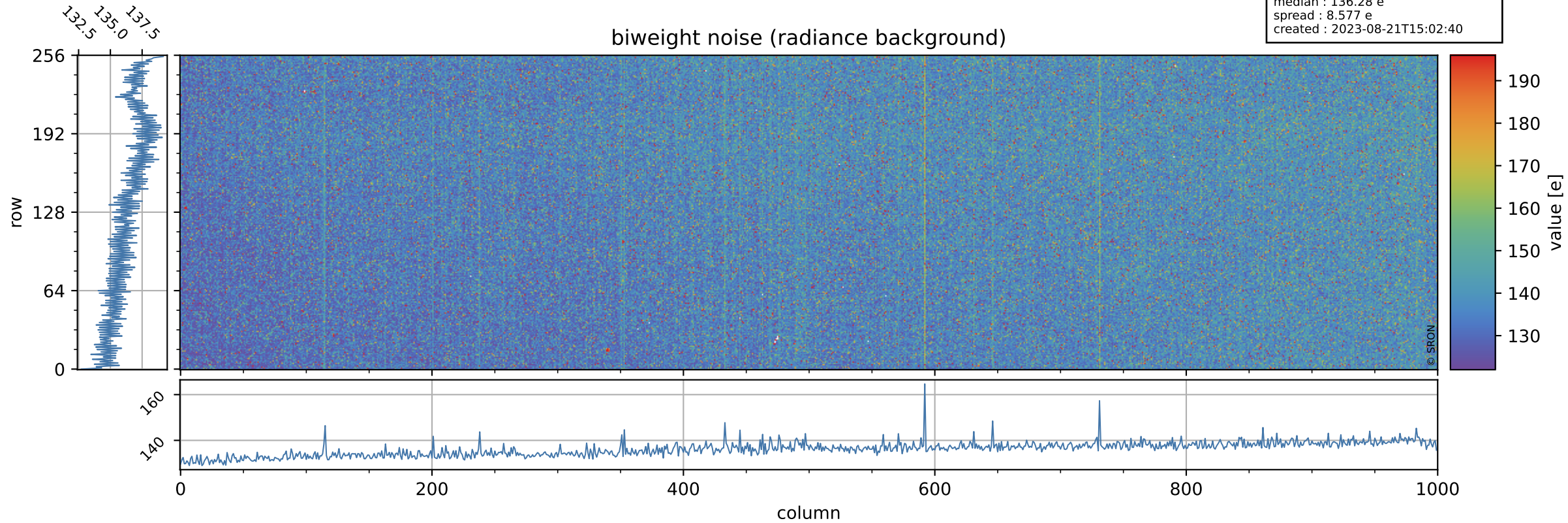
plain noise (radiance background)



Tropomi SWIR background noise (swir)

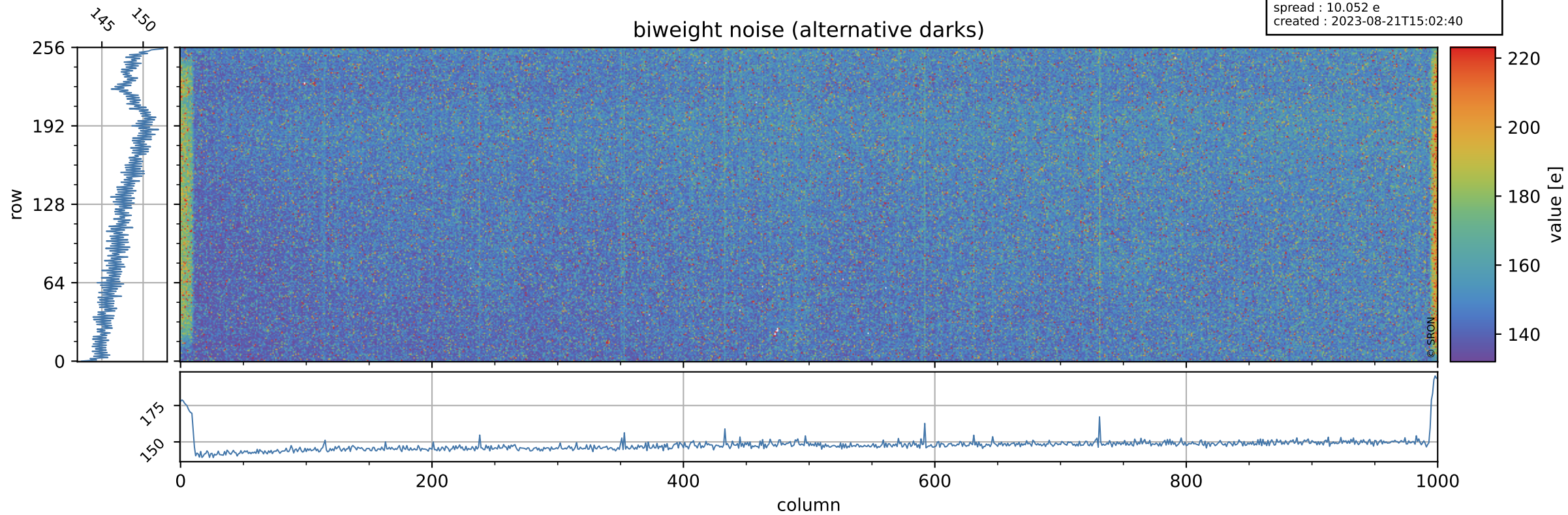
orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.577 e
created : 2023-08-21T15:02:40

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

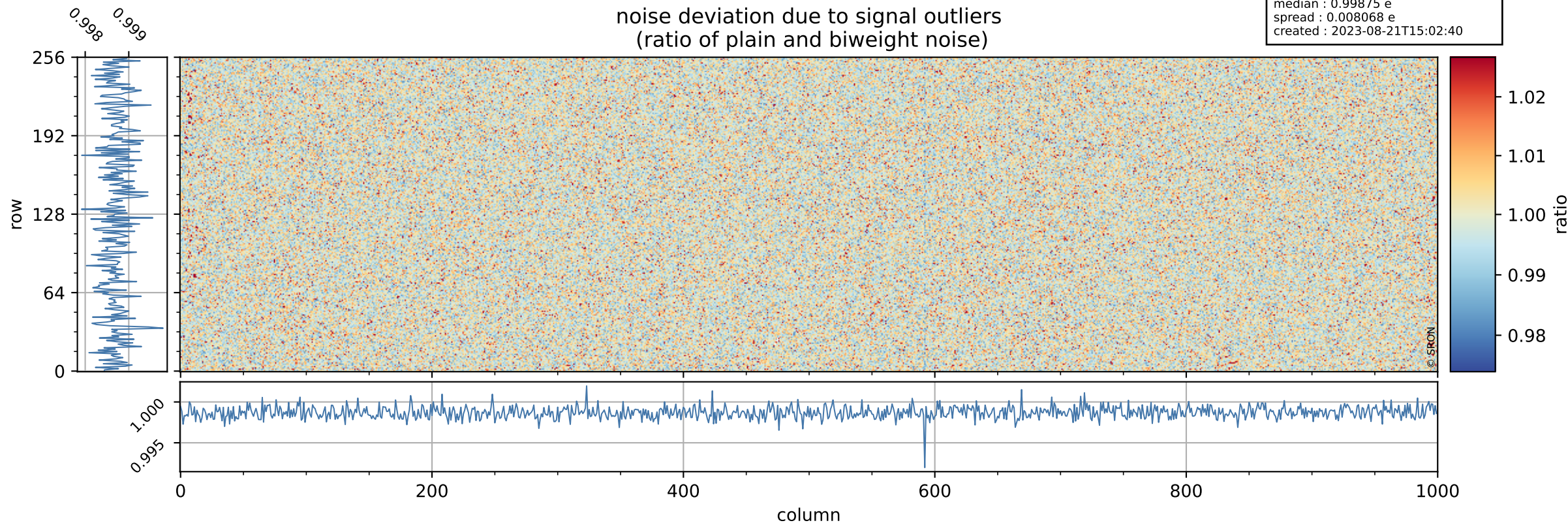
orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.052 e
created : 2023-08-21T15:02:40



Tropomi SWIR background noise (swir)

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

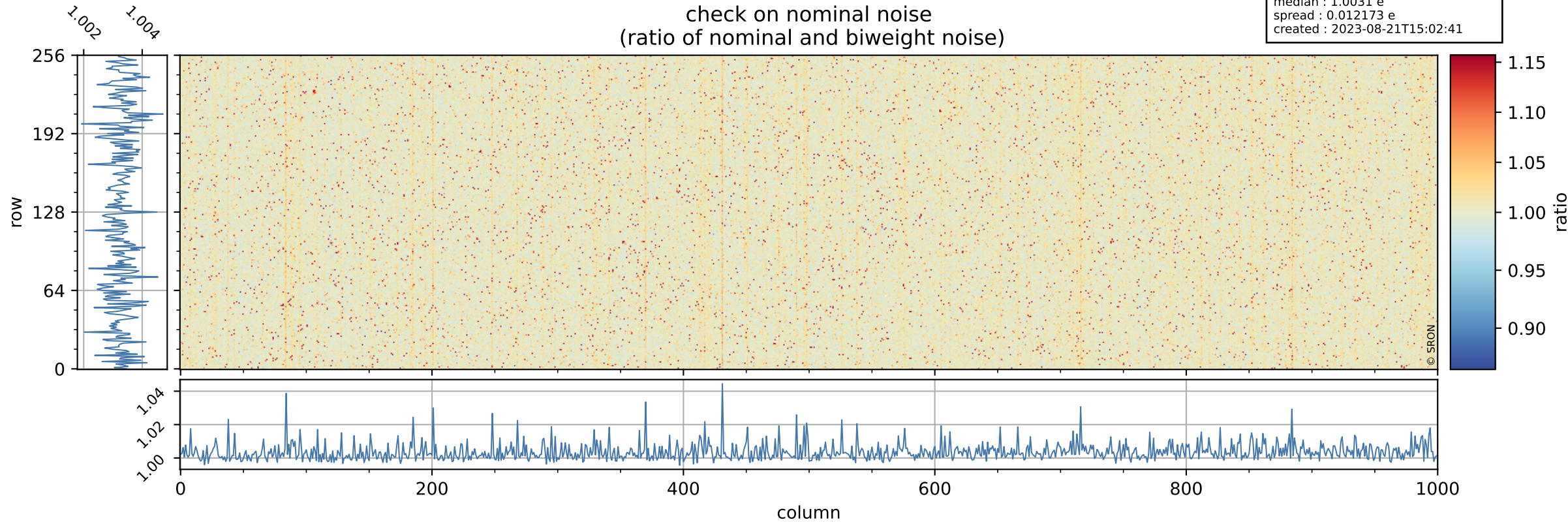
orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
median : 0.99875 e
spread : 0.008068 e
created : 2023-08-21T15:02:40



Tropomi SWIR background noise (swir)

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

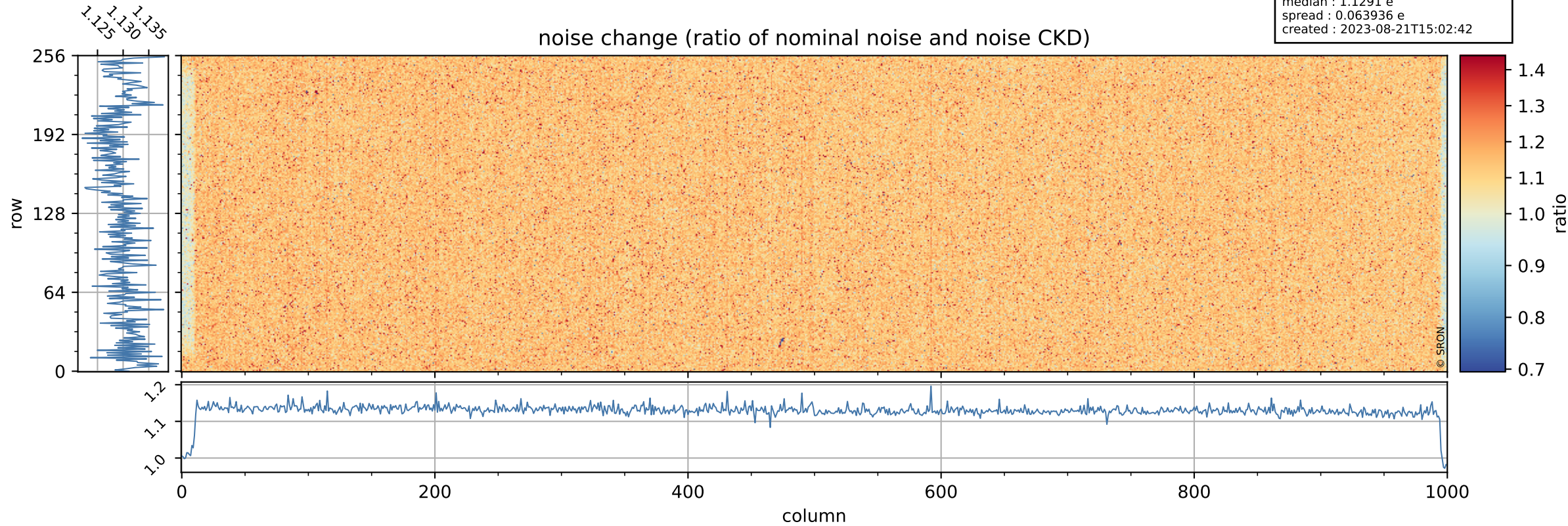
orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
median : 1.0031 e
spread : 0.012173 e
created : 2023-08-21T15:02:41



Tropomi SWIR background noise (swir)

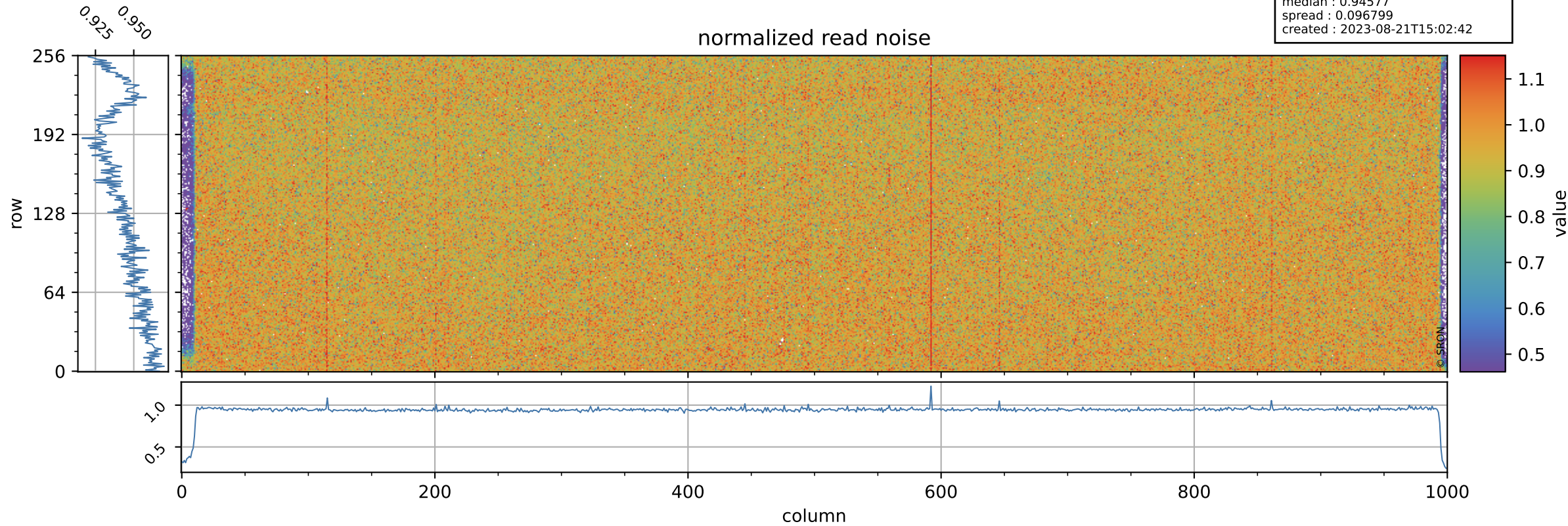
orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
median : 1.1291 e
spread : 0.063936 e
created : 2023-08-21T15:02:42

noise change (ratio of nominal noise and noise CKD)



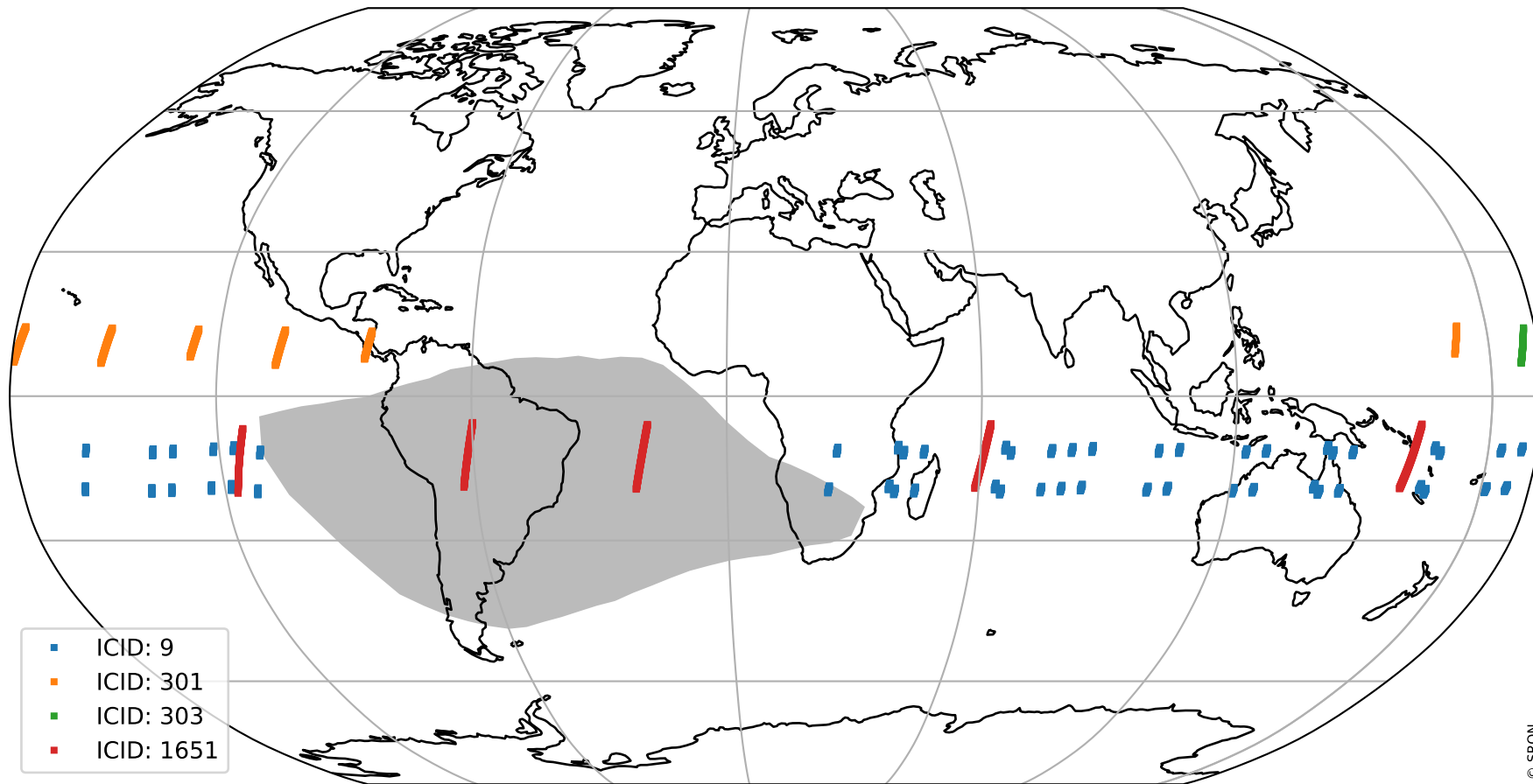
Tropomi SWIR background noise (swir)

orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
median : 0.94577
spread : 0.096799
created : 2023-08-21T15:02:42



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

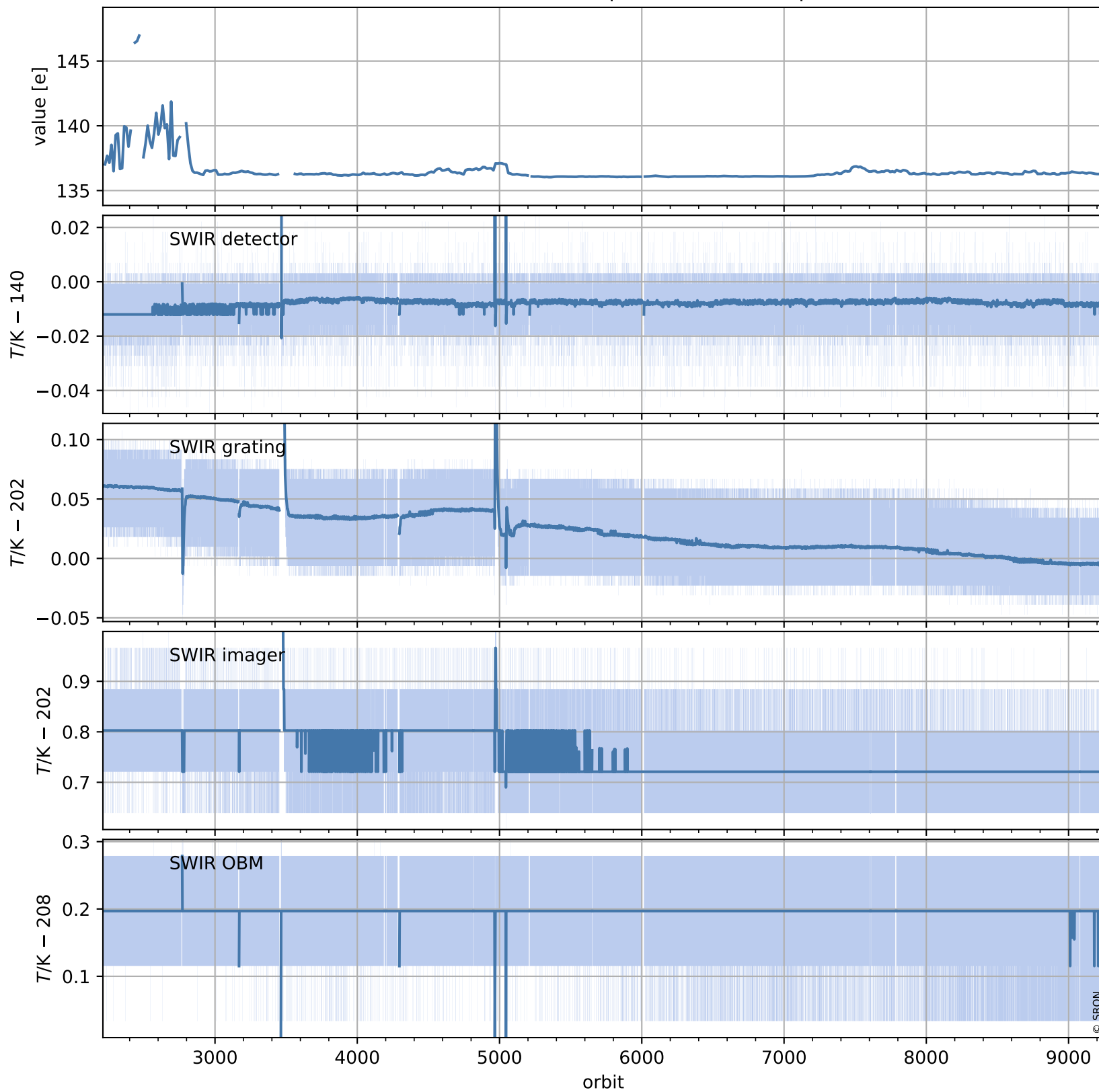
orbits : 12 in [9157, 9247]
coverage : 2019-07-21 / 2019-07-27
created : 2023-08-21T15:02:43



Tropomi SWIR background noise (swir)

orbits : [2212, 9247]
coverage : 2018-03-18 / 2019-07-27
created : 2023-08-21T15:02:43

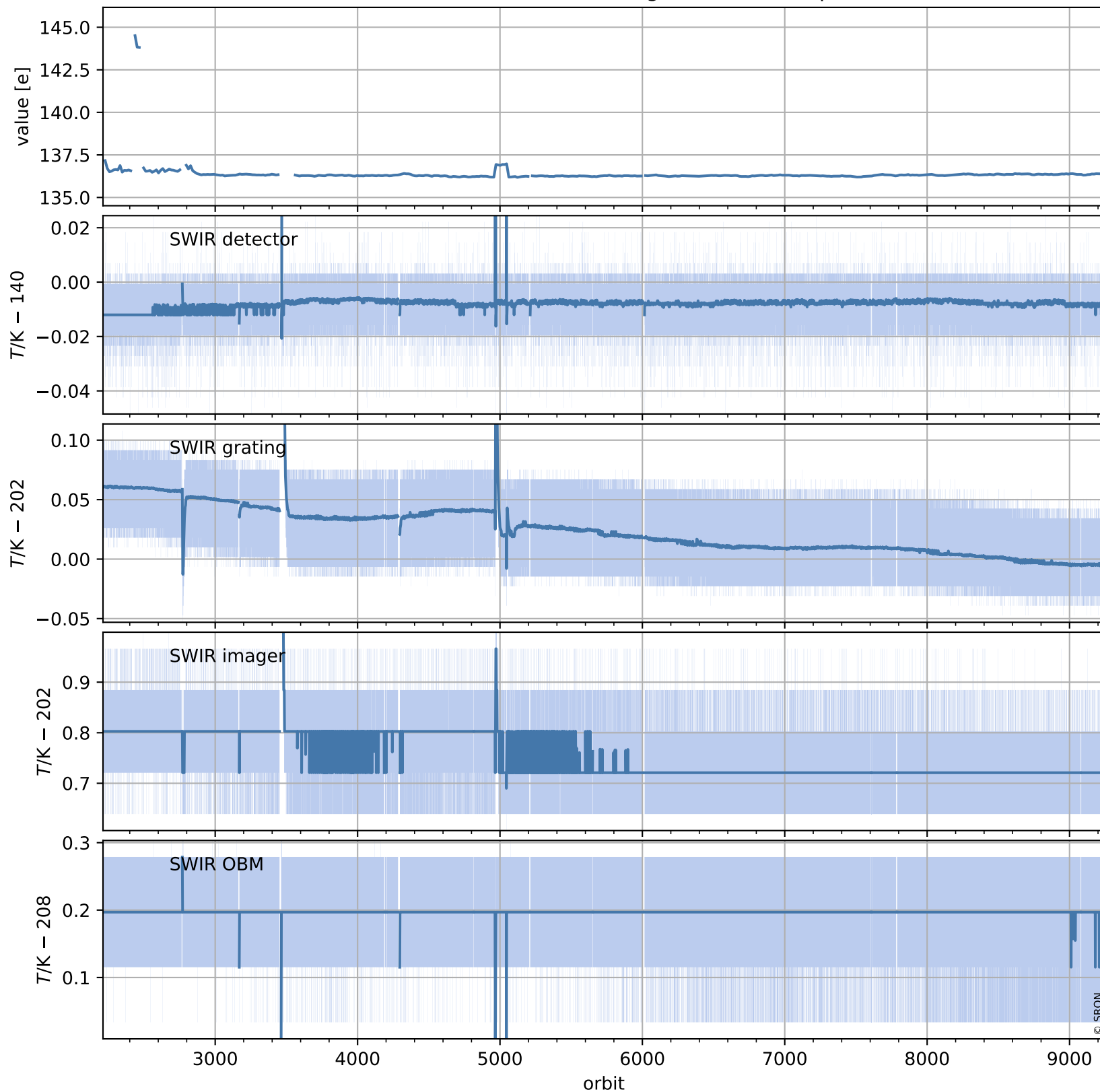
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9247]
coverage : 2018-03-18 / 2019-07-27
created : 2023-08-21T15:02:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9247]
coverage : 2018-03-18 / 2019-07-27
created : 2023-08-21T15:02:44

trend of normalized read-noise & temperatures

