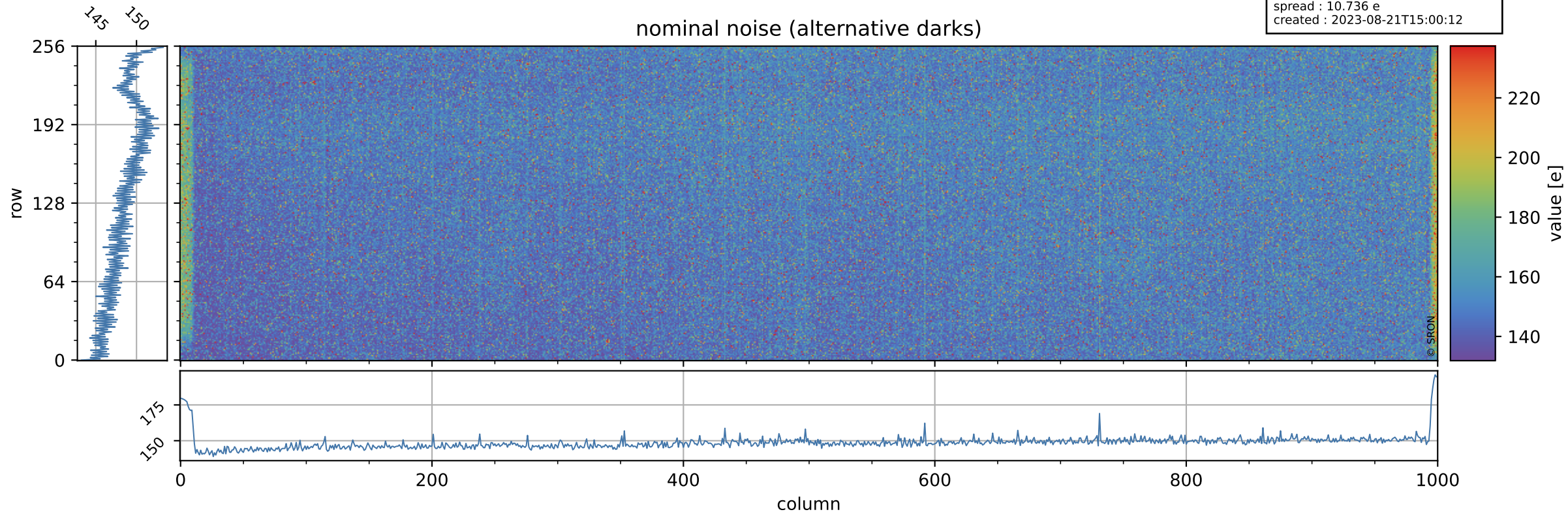


Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.736 e
created : 2023-08-21T15:00:12

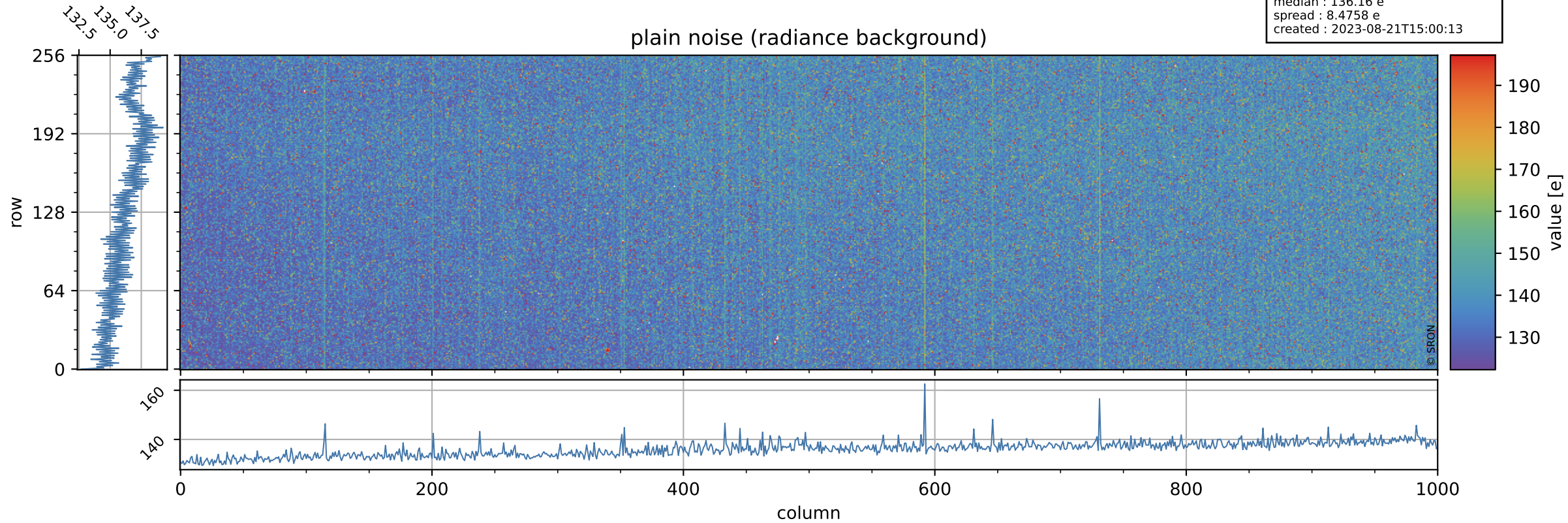
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.4758 e
created : 2023-08-21T15:00:13

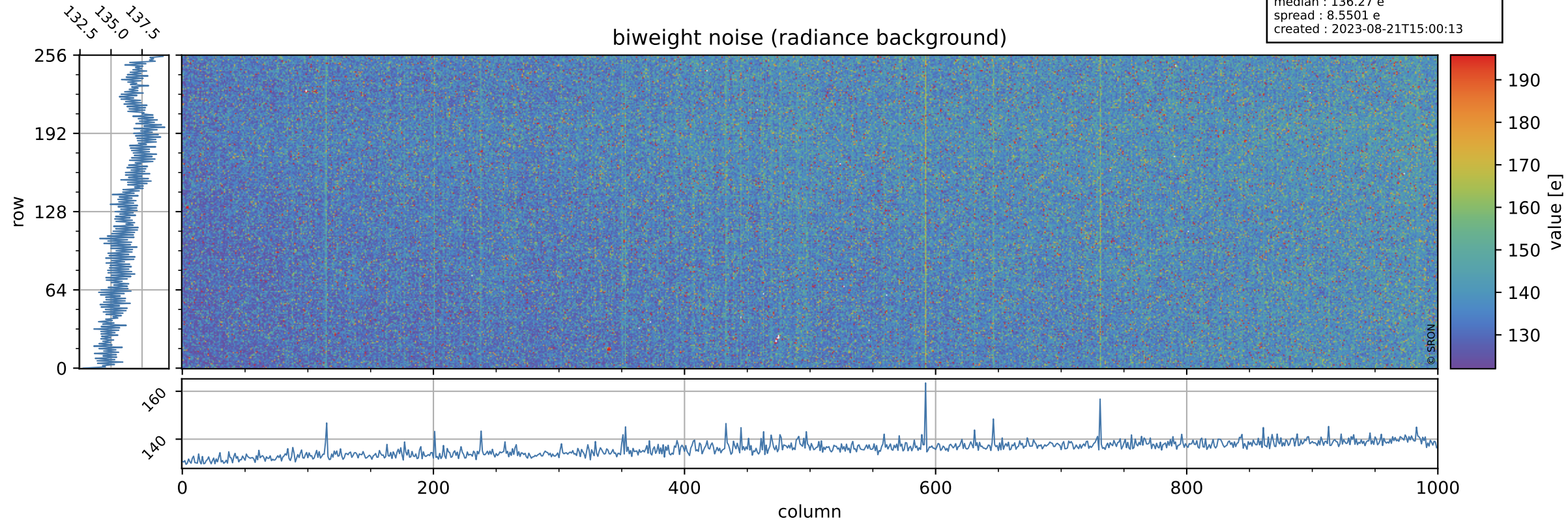
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.5501 e
created : 2023-08-21T15:00:13

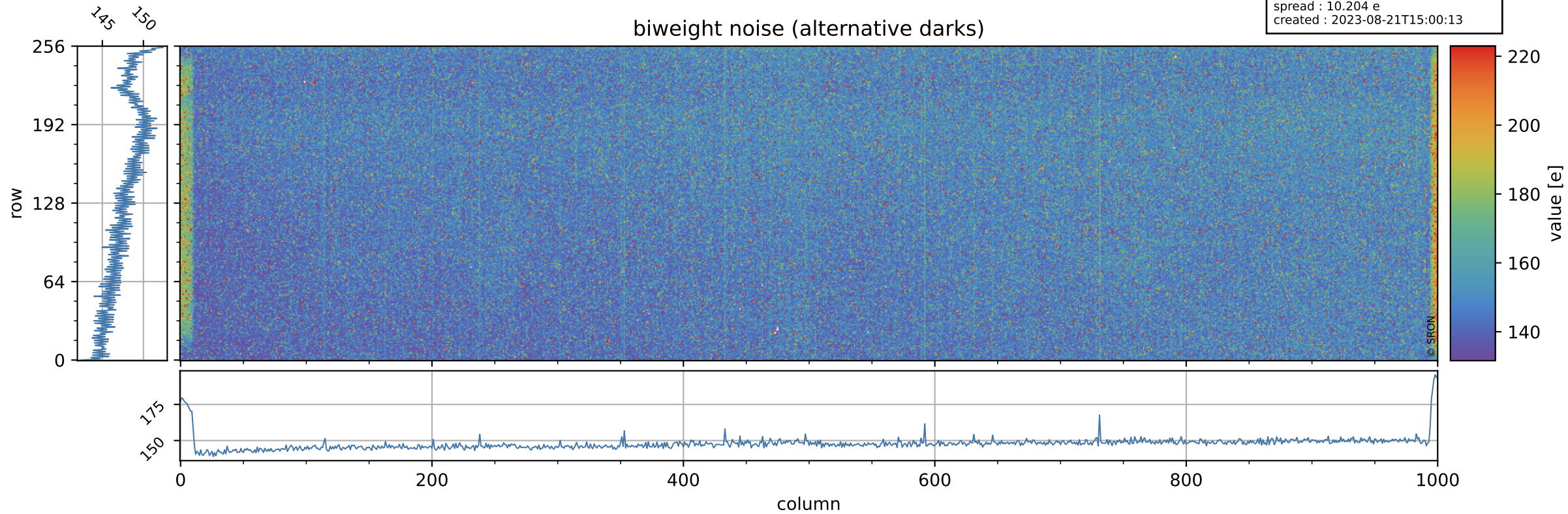
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.204 e
created : 2023-08-21T15:00:13

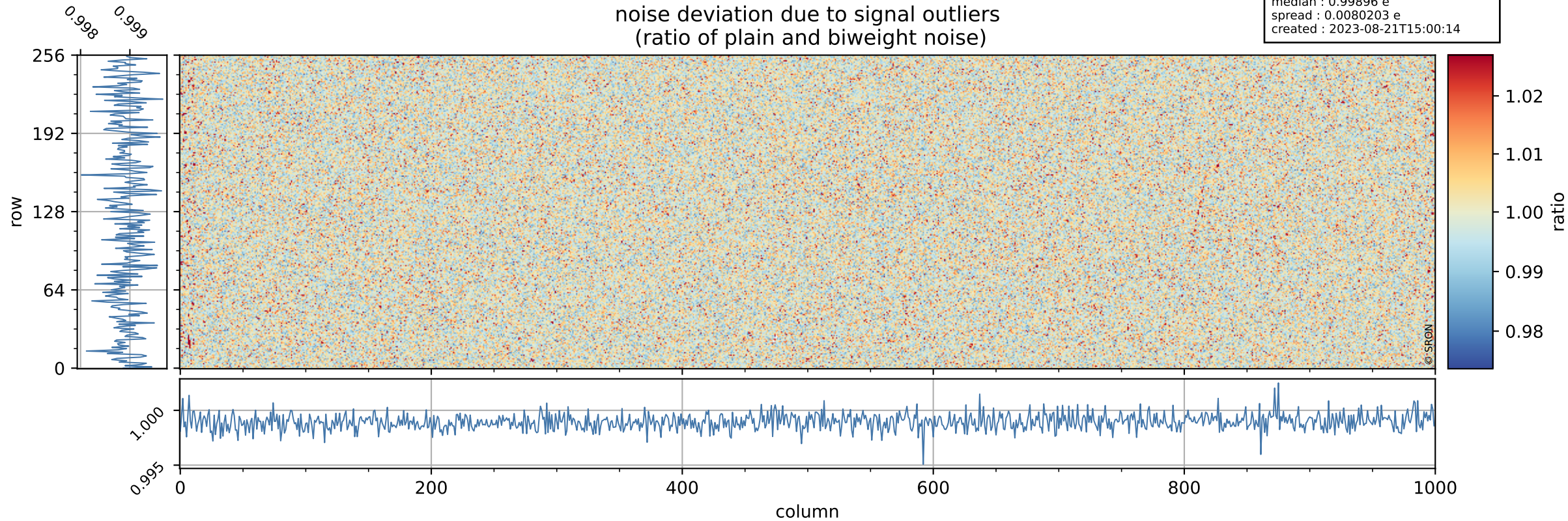
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

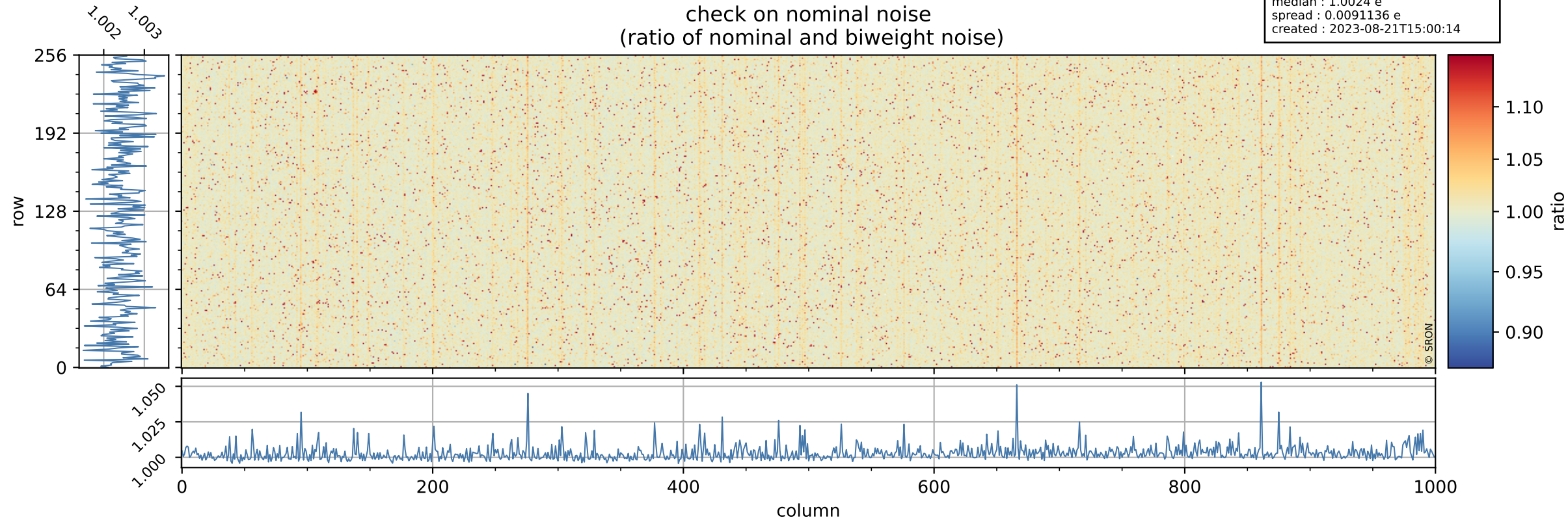
orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
median : 0.99896 e
spread : 0.0080203 e
created : 2023-08-21T15:00:14



Tropomi SWIR background noise (swir)

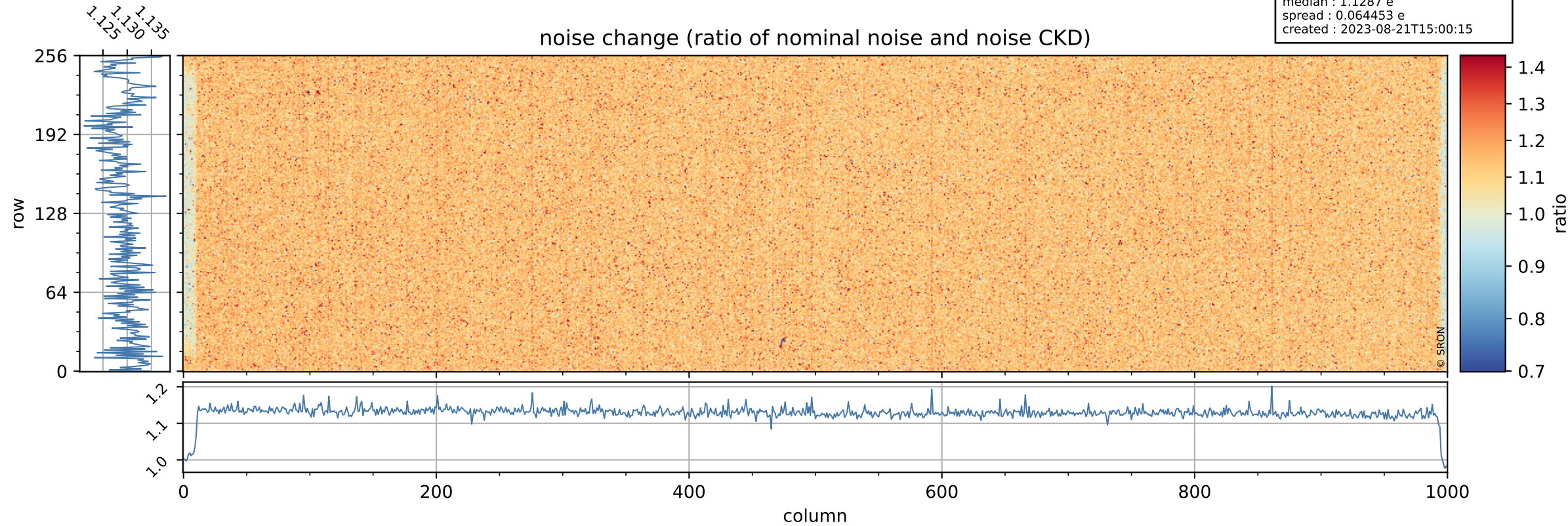
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
median : 1.0024 e
spread : 0.0091136 e
created : 2023-08-21T15:00:14



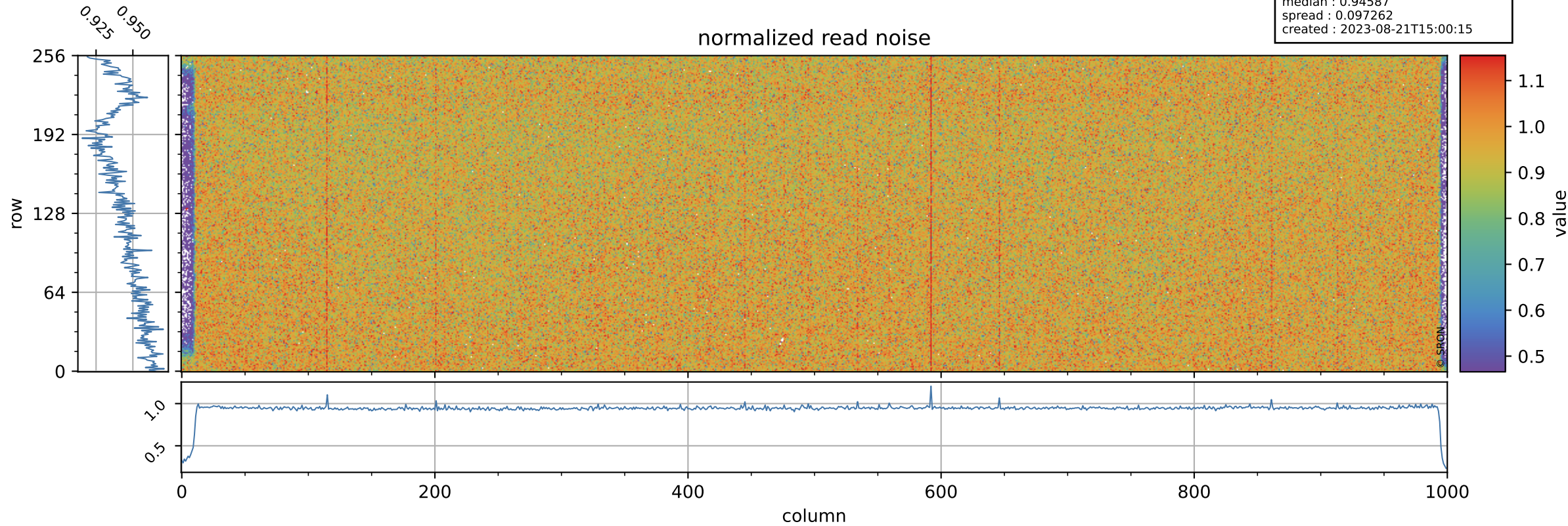
Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
median : 1.1287 e
spread : 0.064453 e
created : 2023-08-21T15:00:15



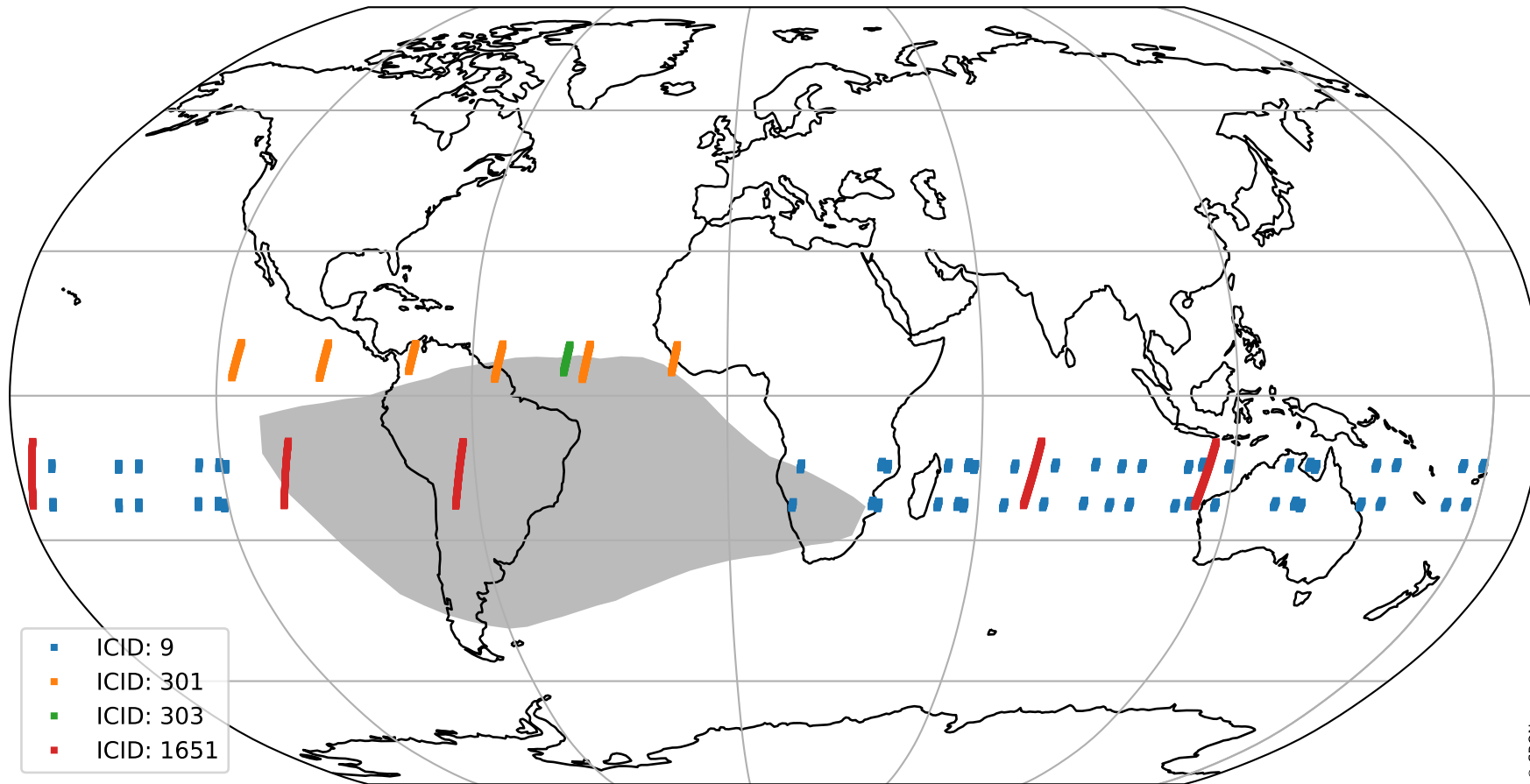
Tropomi SWIR background noise (swir)

orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
median : 0.94587
spread : 0.097262
created : 2023-08-21T15:00:15



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

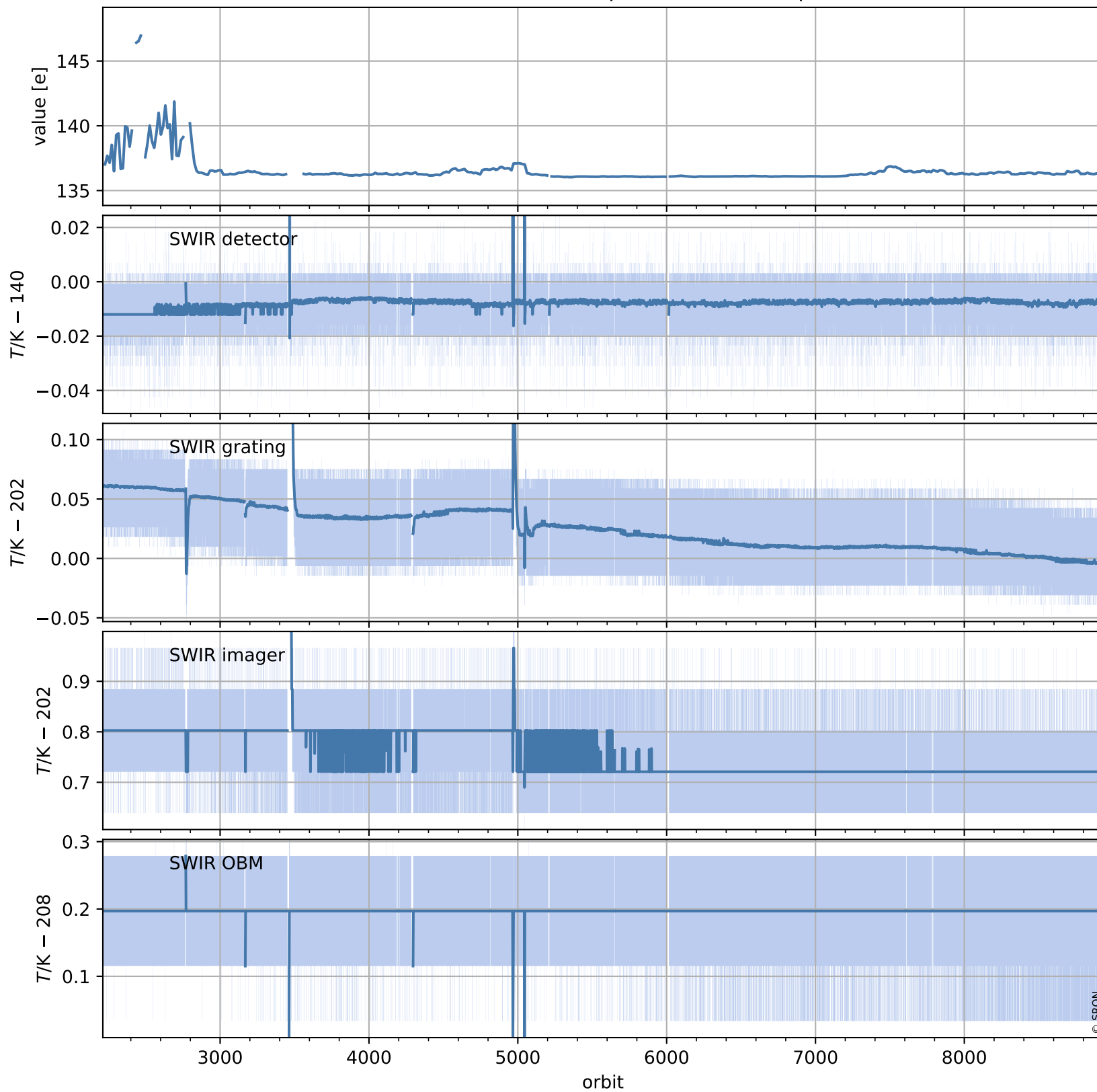
orbits : 12 in [8857, 8932]
coverage : 2019-06-29 / 2019-07-04
created : 2023-08-21T15:00:16



Tropomi SWIR background noise (swir)

orbits : [2212, 8932]
coverage : 2018-03-18 / 2019-07-04
created : 2023-08-21T15:00:16

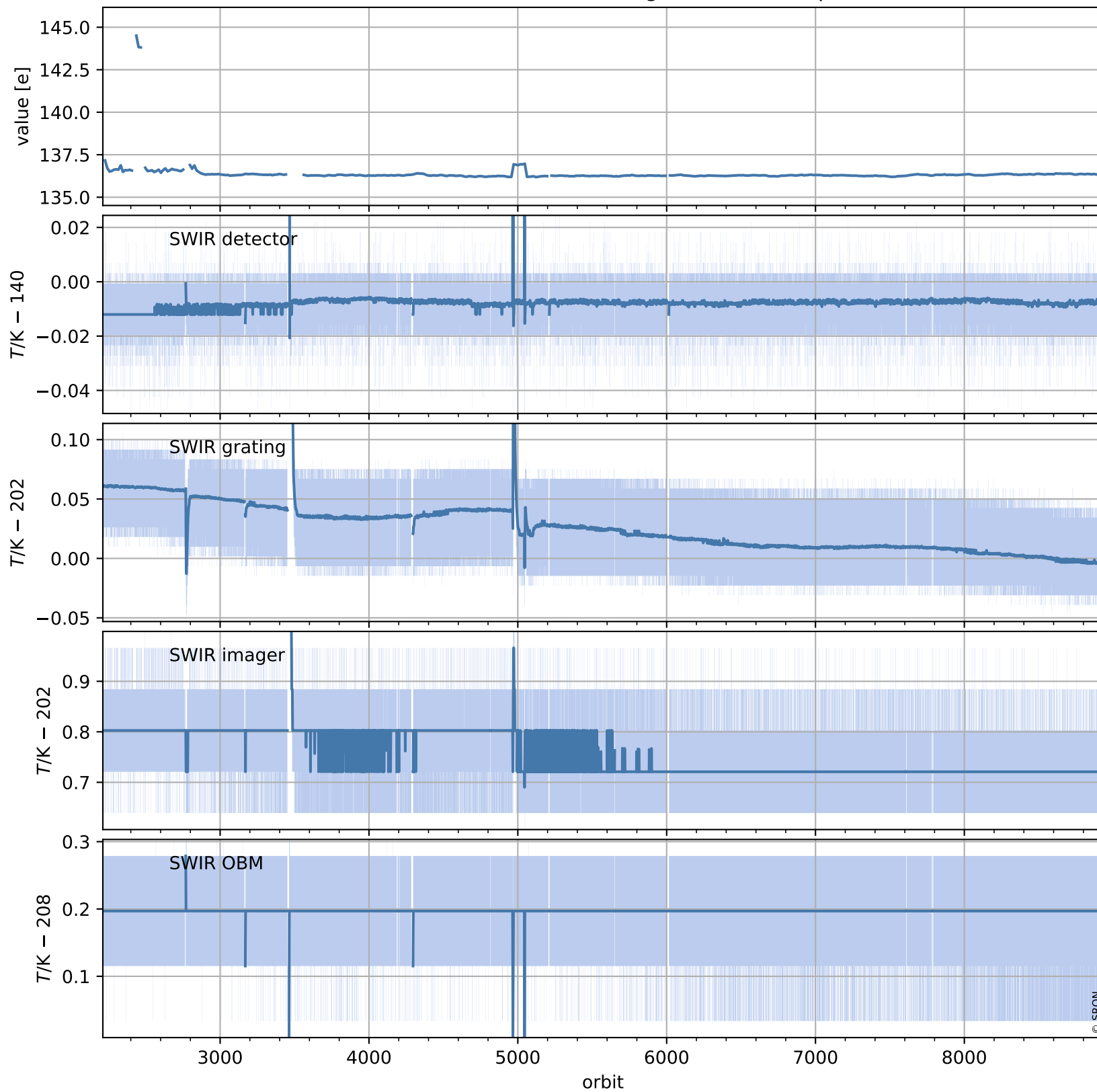
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8932]
coverage : 2018-03-18 / 2019-07-04
created : 2023-08-21T15:00:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8932]
coverage : 2018-03-18 / 2019-07-04
created : 2023-08-21T15:00:18

trend of normalized read-noise & temperatures

