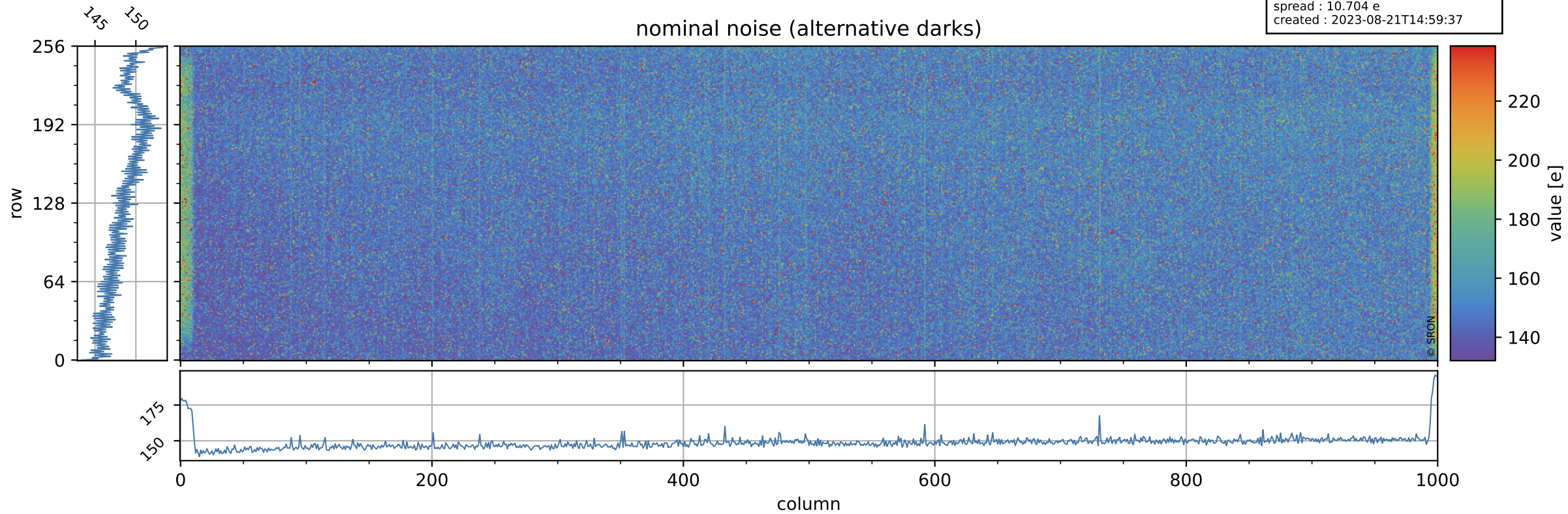


Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.704 e
created : 2023-08-21T14:59:37

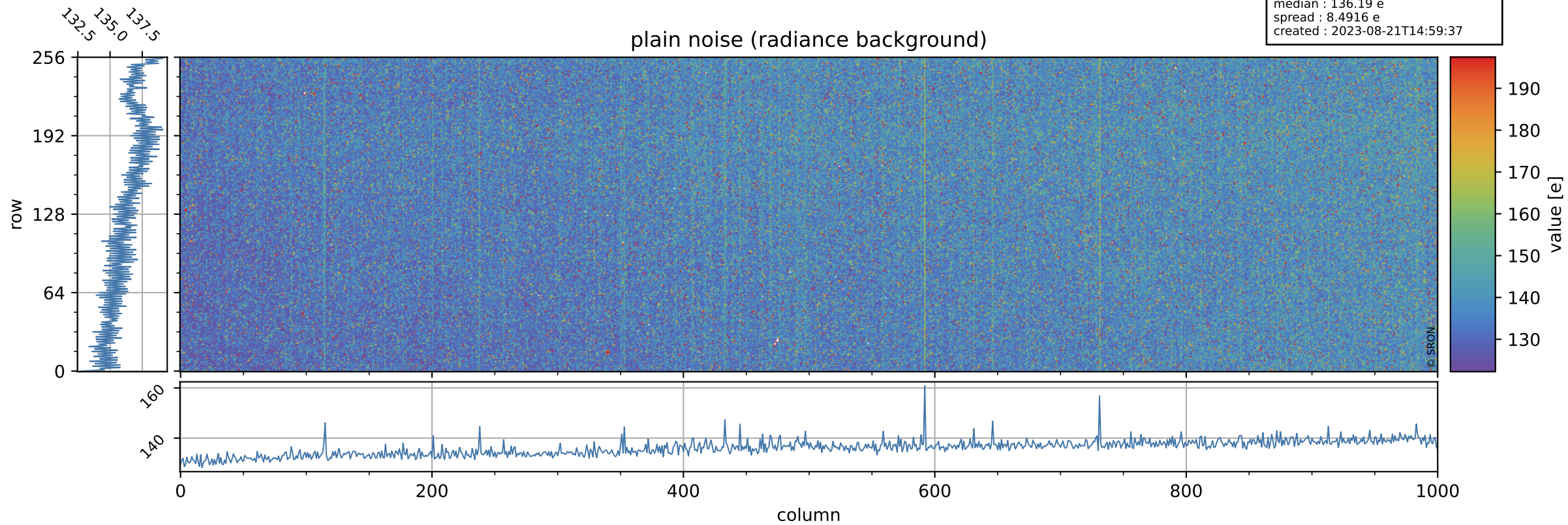
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.4916 e
created : 2023-08-21T14:59:37

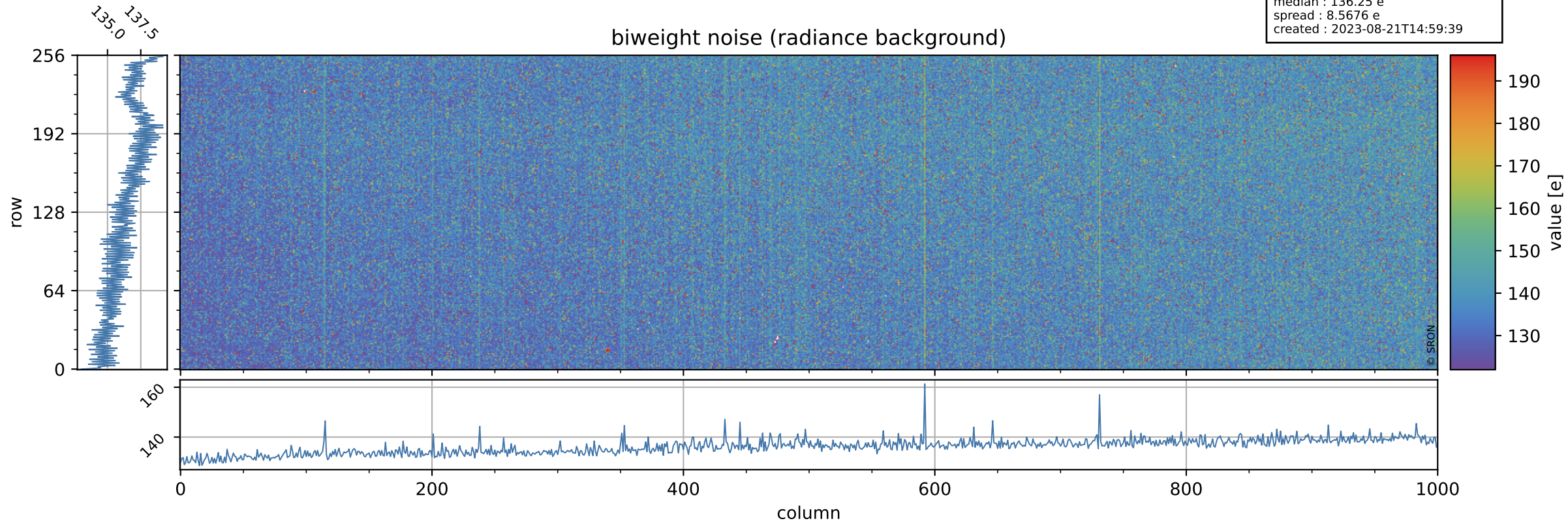
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5676 e
created : 2023-08-21T14:59:39

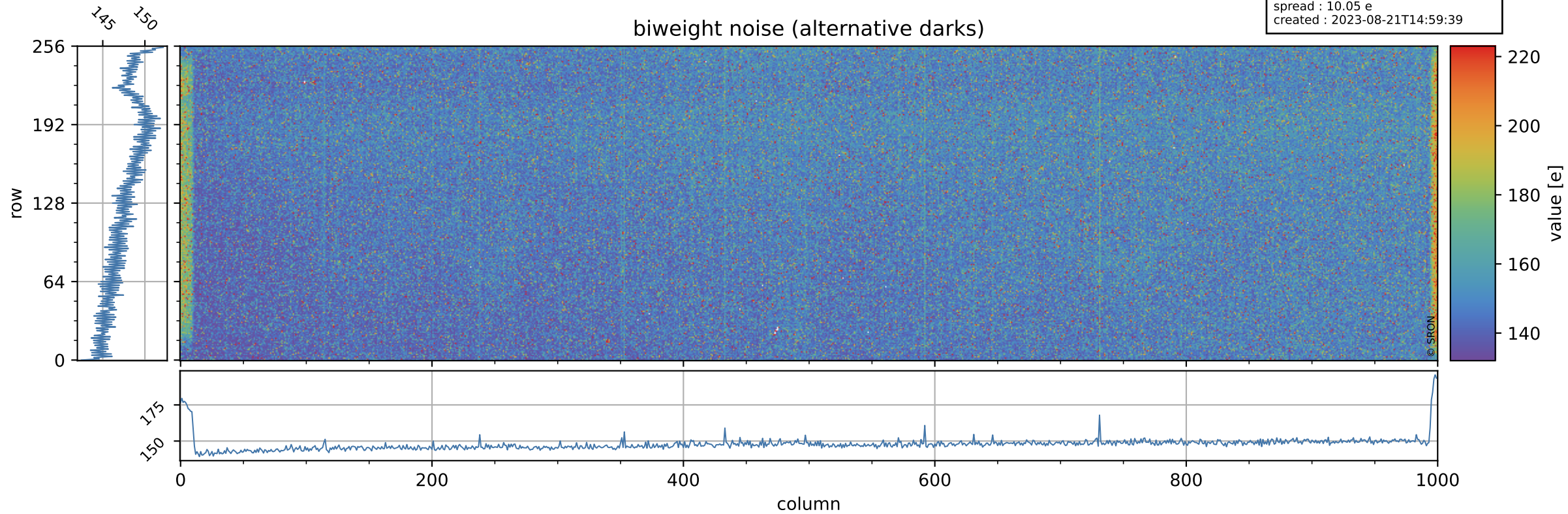
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.05 e
created : 2023-08-21T14:59:39

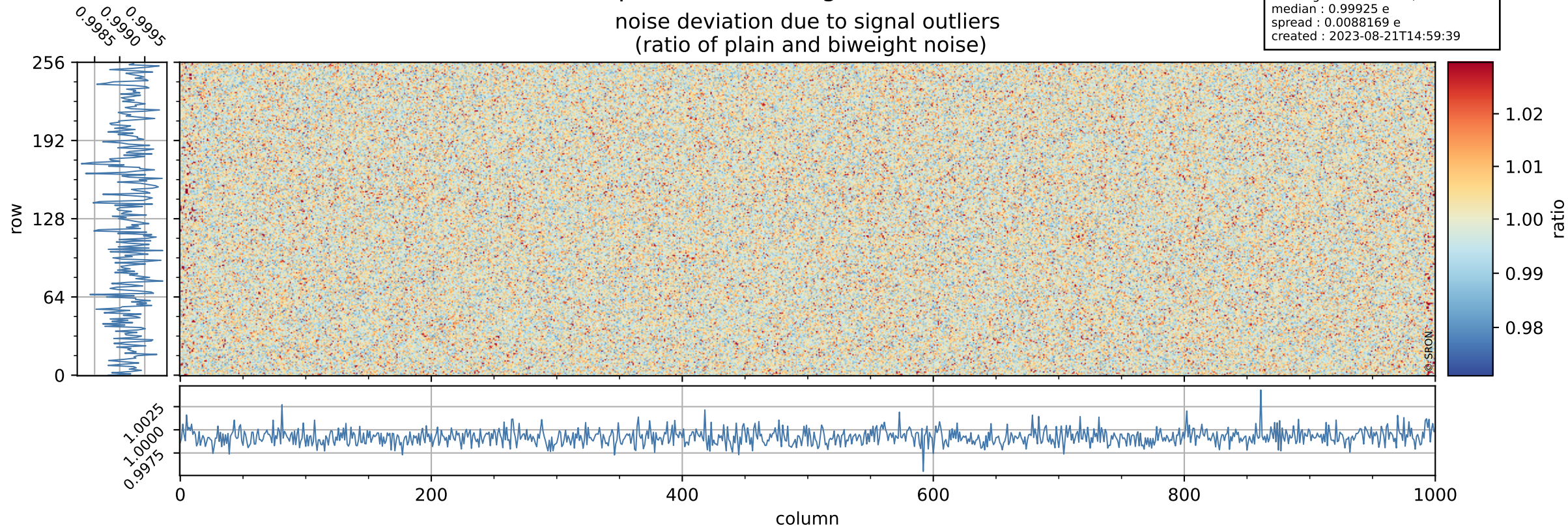
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

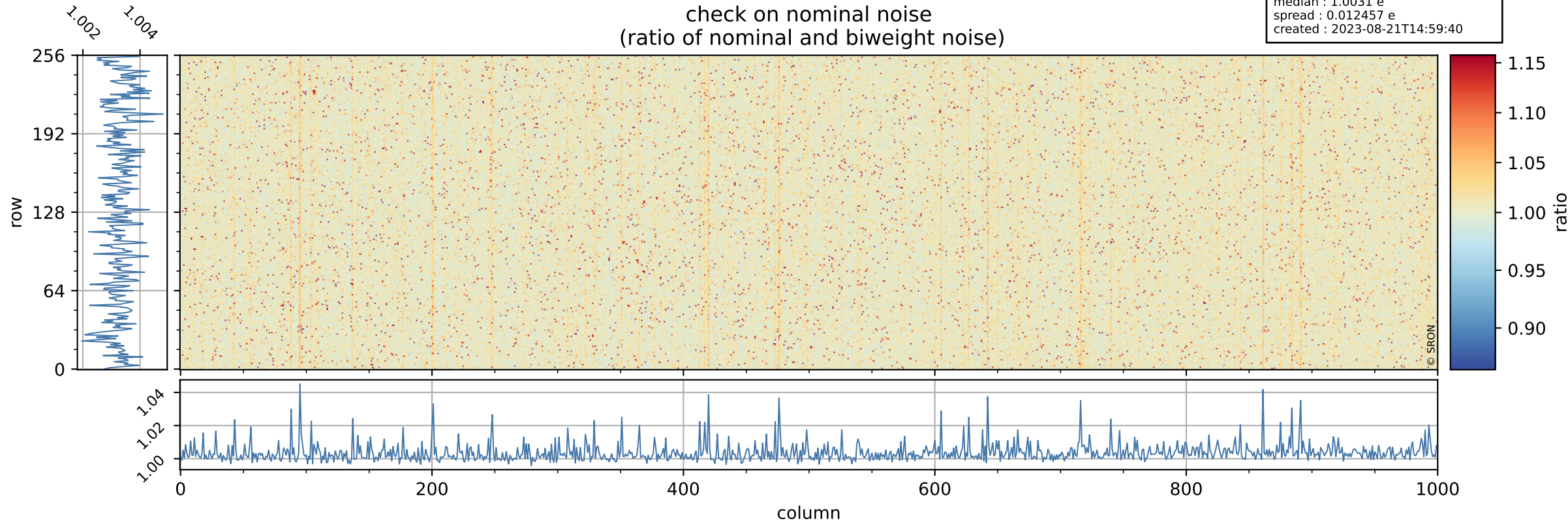
orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
median : 0.99925 e
spread : 0.0088169 e
created : 2023-08-21T14:59:39



Tropomi SWIR background noise (swir)

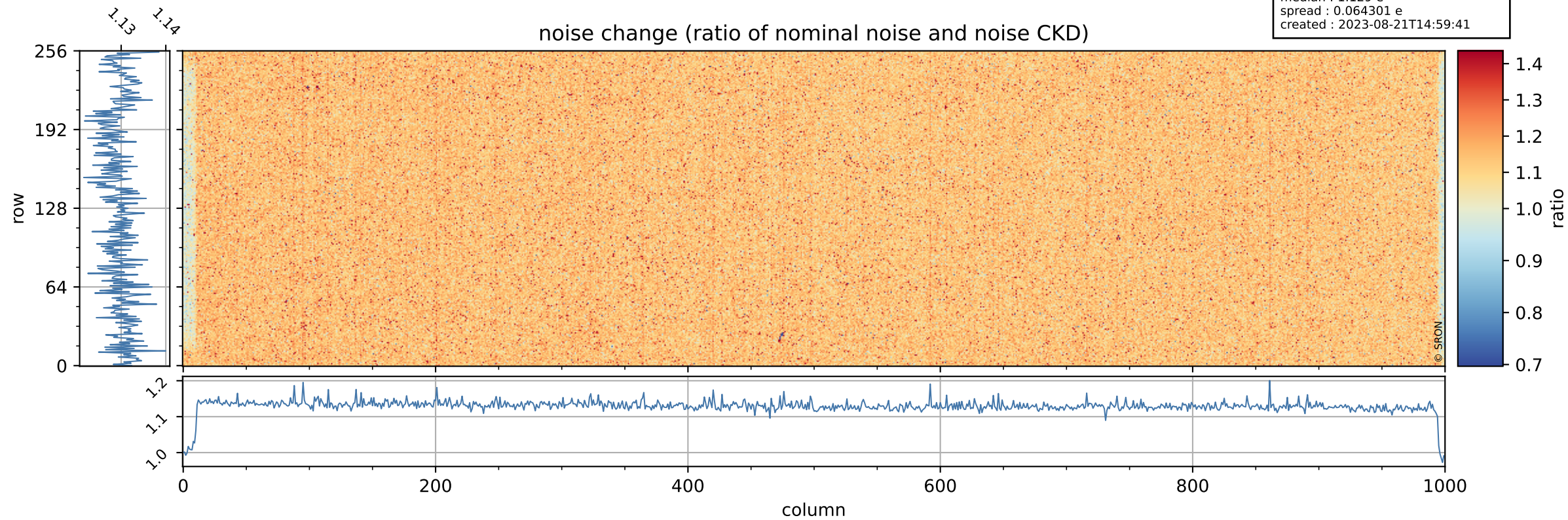
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
median : 1.0031 e
spread : 0.012457 e
created : 2023-08-21T14:59:40



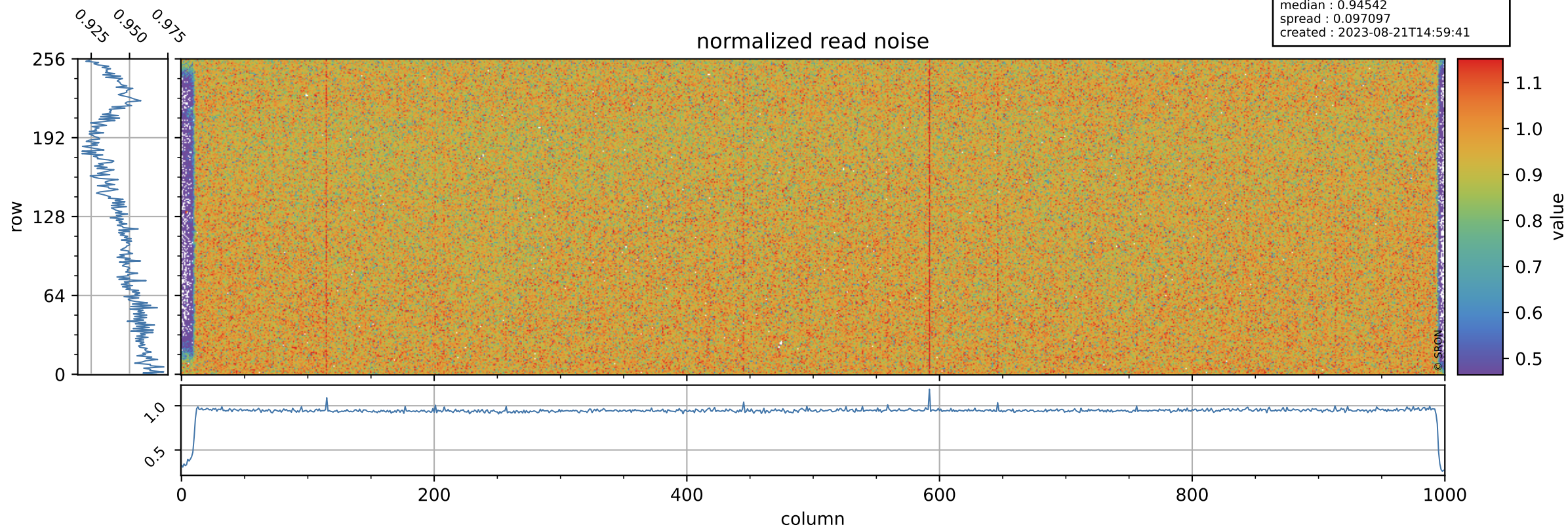
Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
median : 1.129 e
spread : 0.064301 e
created : 2023-08-21T14:59:41



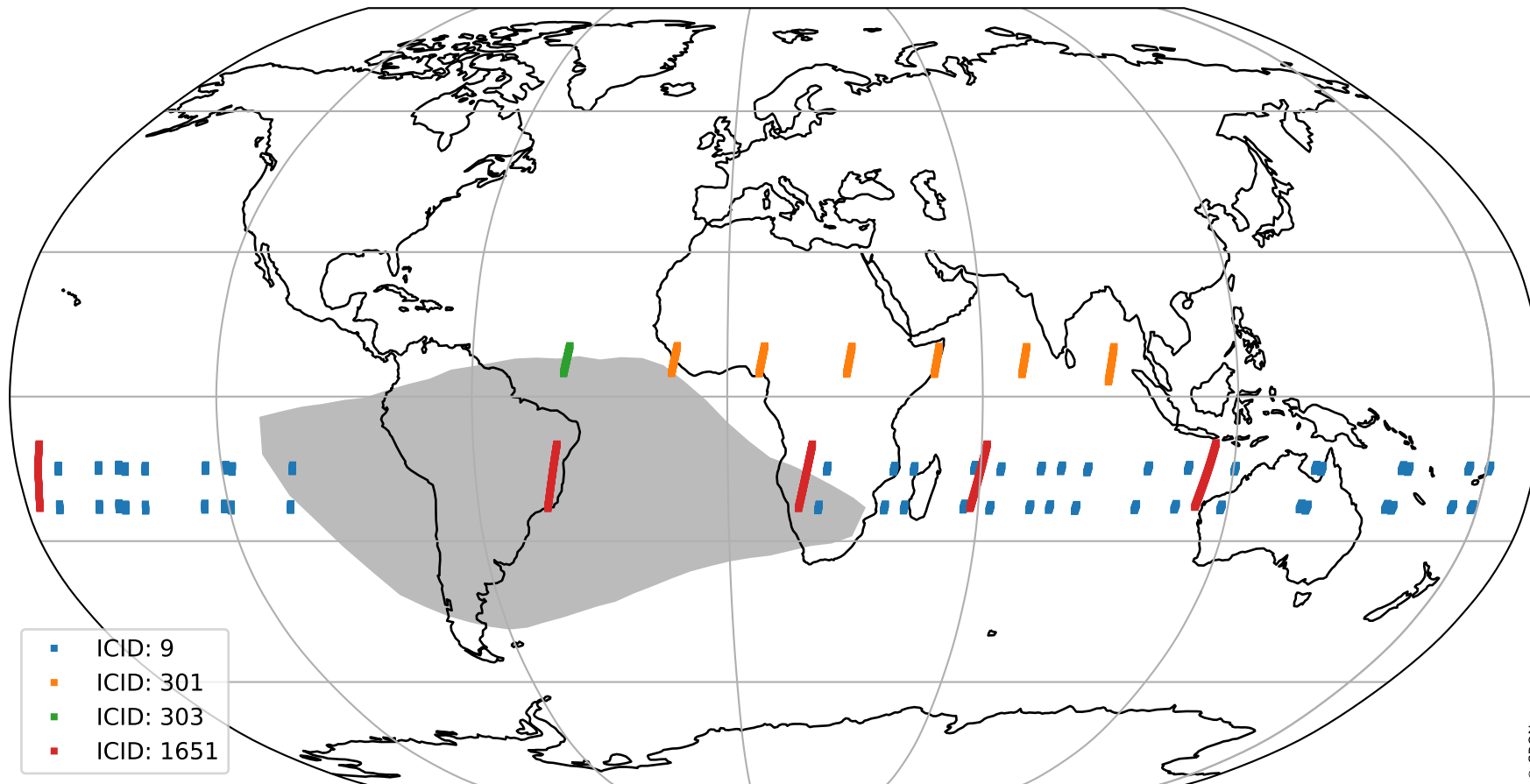
Tropomi SWIR background noise (swir)

orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
median : 0.94542
spread : 0.097097
created : 2023-08-21T14:59:41



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

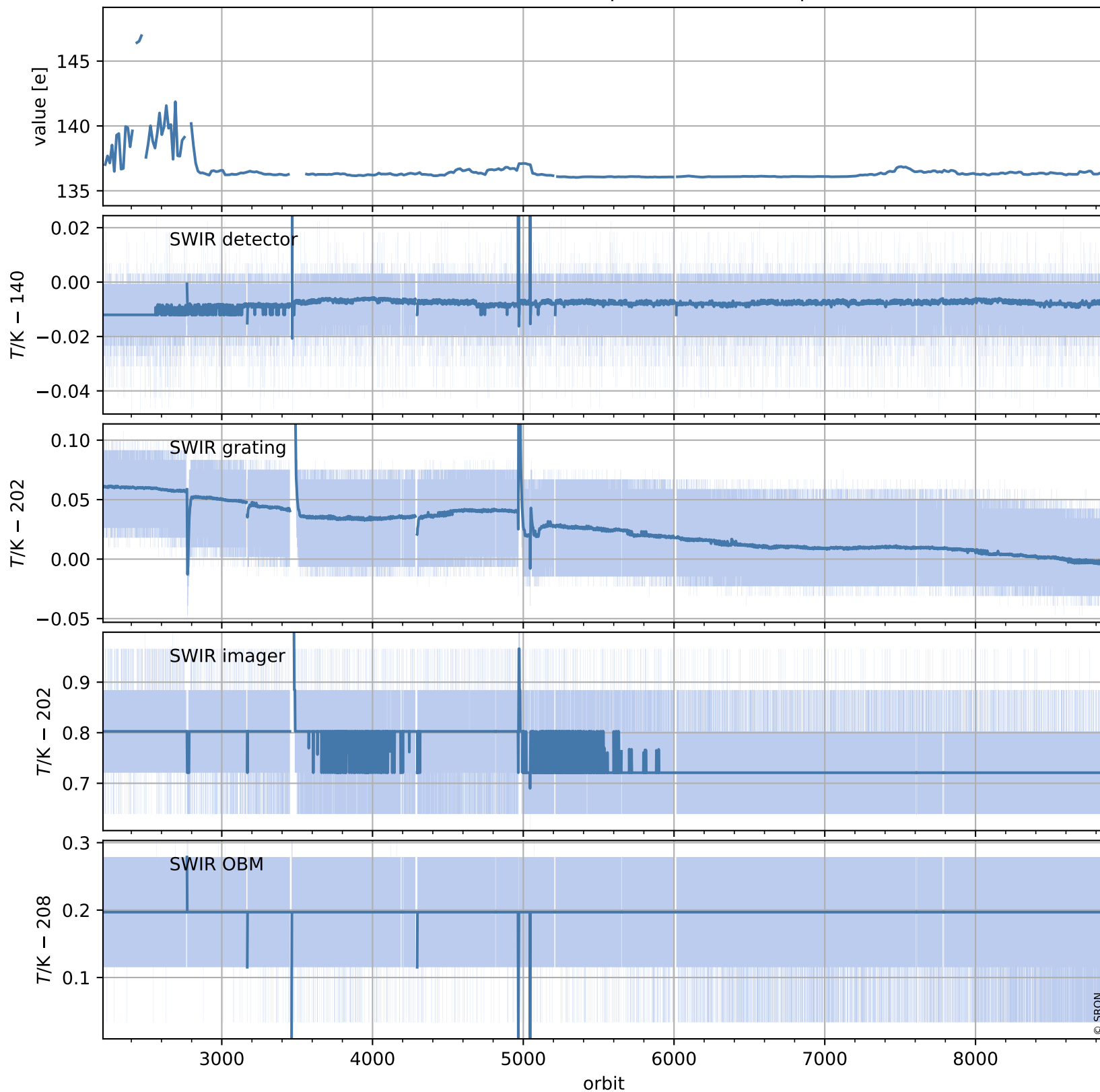
orbits : 12 in [8767, 8857]
coverage : 2019-06-23 / 2019-06-29
created : 2023-08-21T14:59:41



Tropomi SWIR background noise (swir)

orbits : [2212, 8857]
coverage : 2018-03-18 / 2019-06-29
created : 2023-08-21T14:59:42

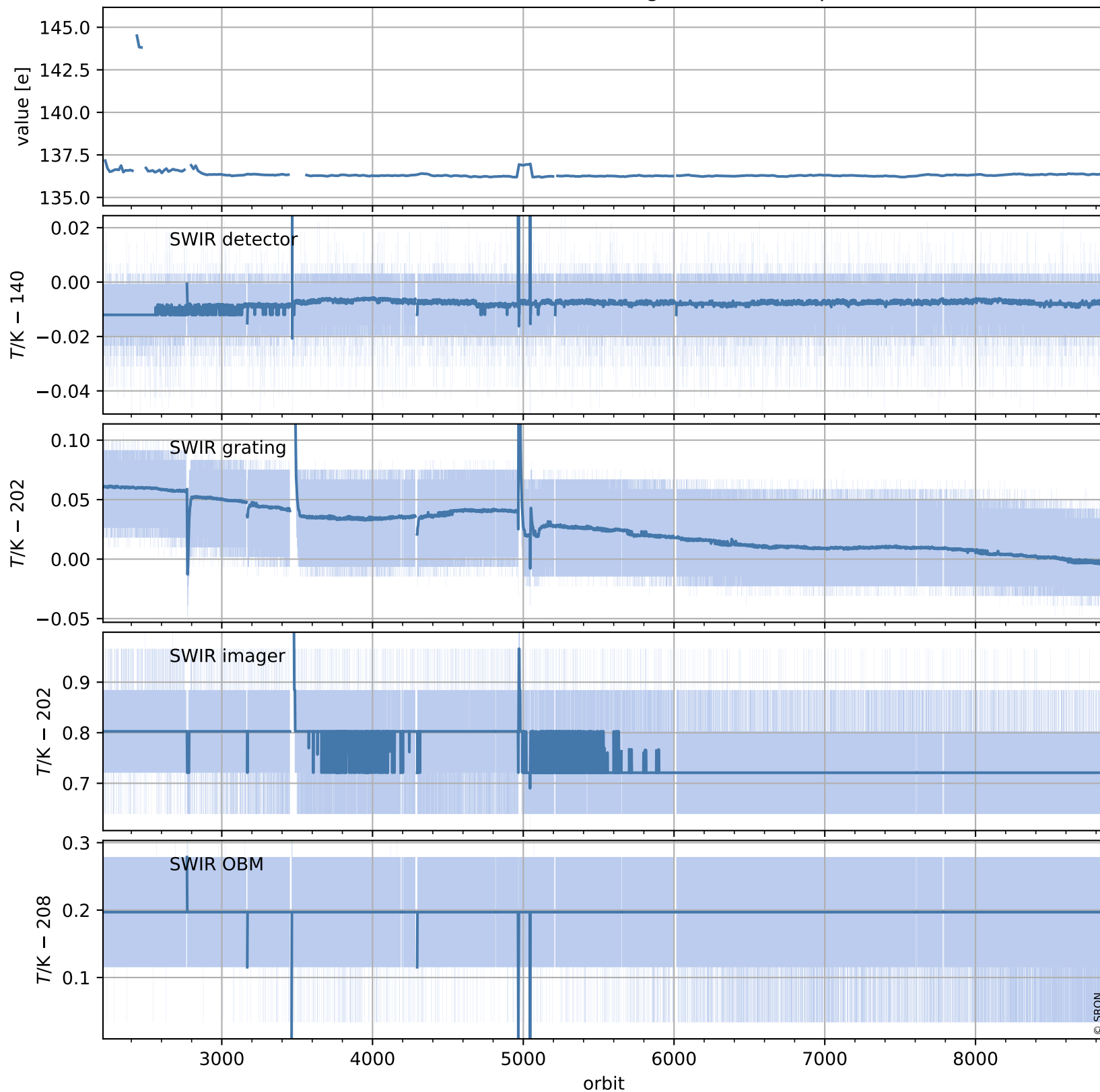
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8857]
coverage : 2018-03-18 / 2019-06-29
created : 2023-08-21T14:59:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8857]
coverage : 2018-03-18 / 2019-06-29
created : 2023-08-21T14:59:43

trend of normalized read-noise & temperatures

