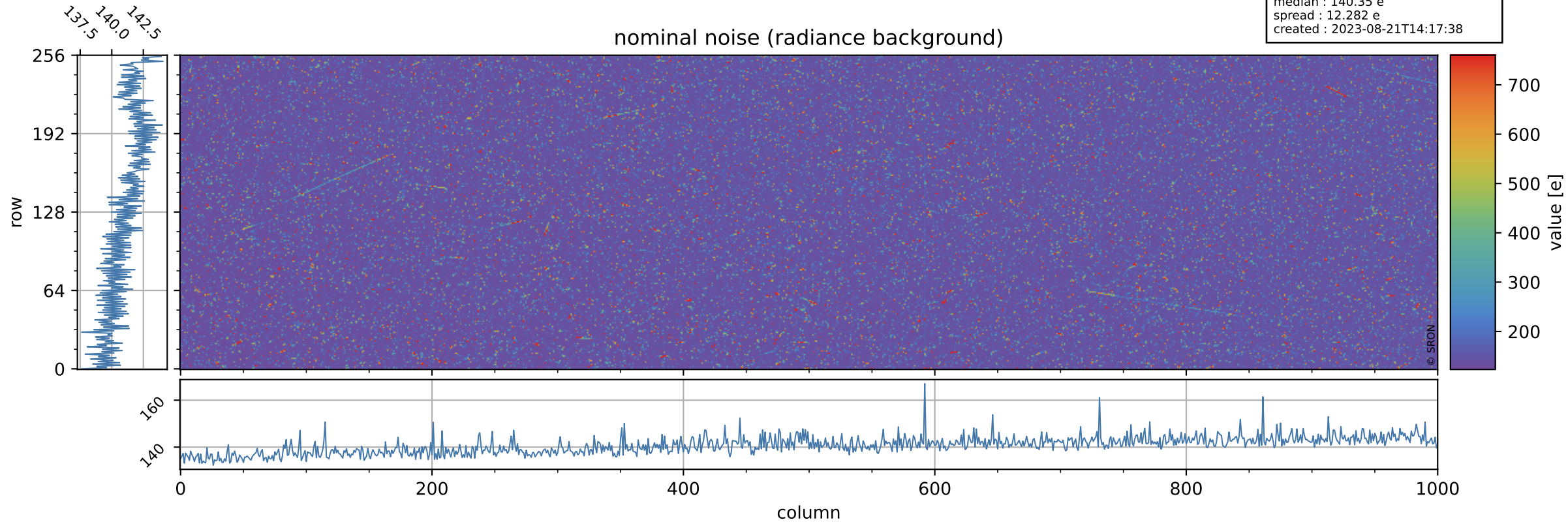


Tropomi SWIR background noise (swir)

orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
n_coad, t_exp : 2, 0.5383
median : 140.35 e
spread : 12.282 e
created : 2023-08-21T14:17:38

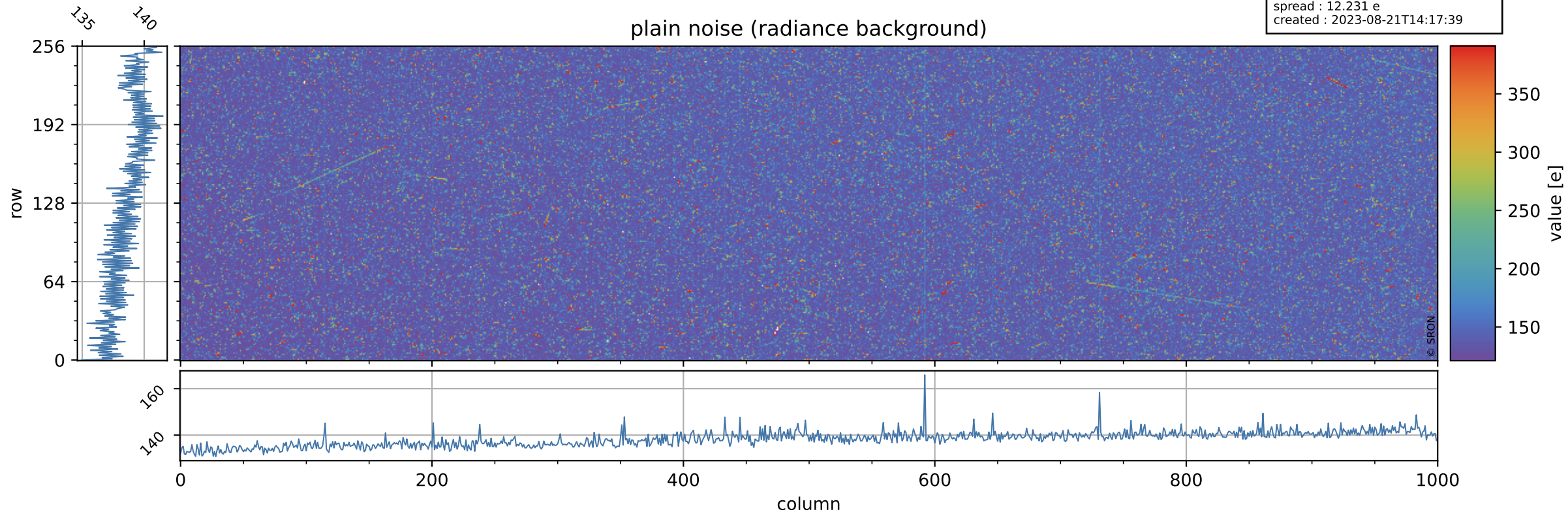
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
n_coad, t_exp : 2, 0.5383
median : 138.13 e
spread : 12.231 e
created : 2023-08-21T14:17:39

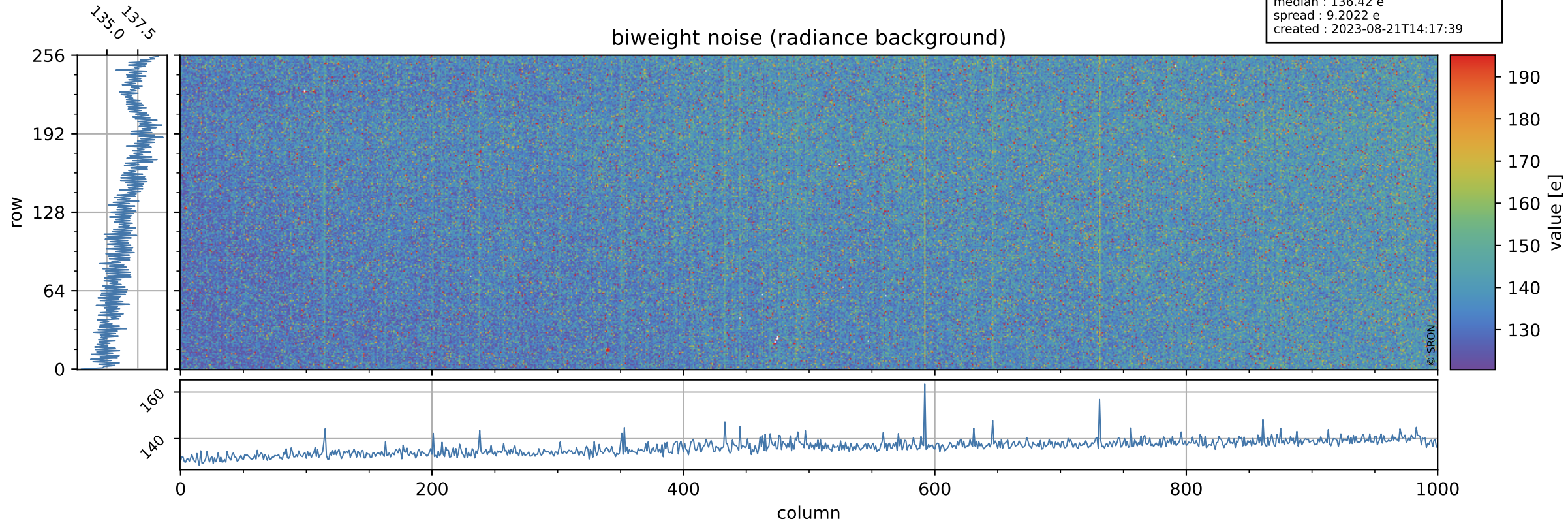
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
n_coad, t_exp : 2, 0.5383
median : 136.42 e
spread : 9.2022 e
created : 2023-08-21T14:17:39

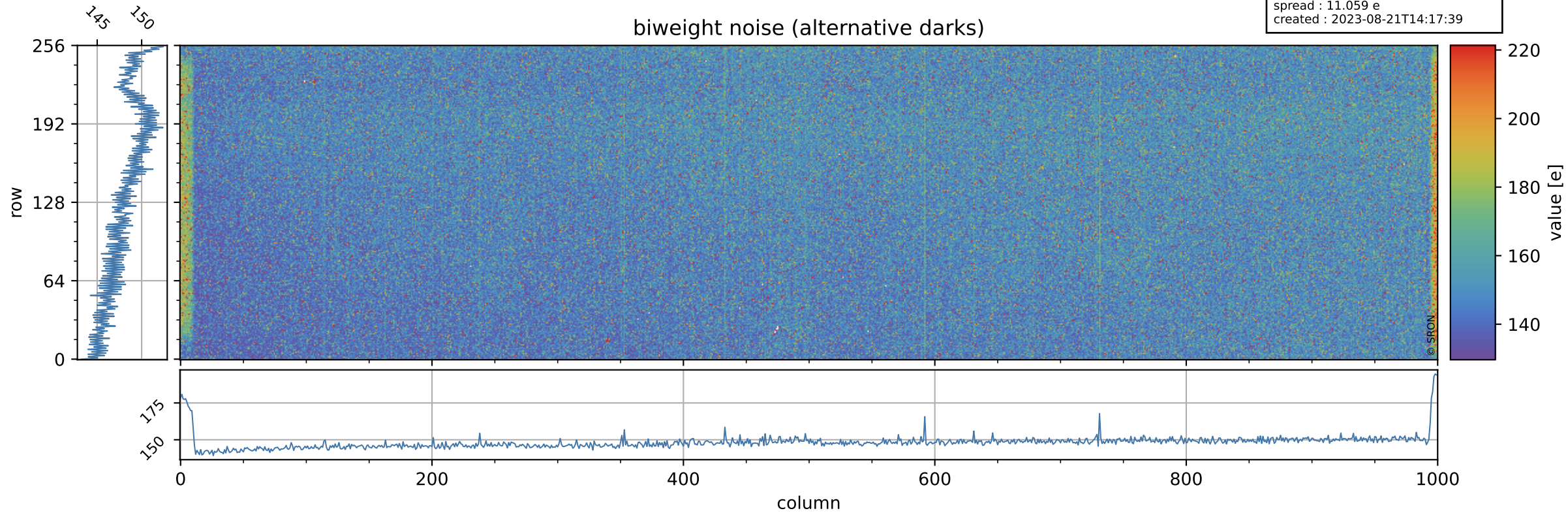
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
n_coad, t_exp : 1, 1.0783
median : 147.93 e
spread : 11.059 e
created : 2023-08-21T14:17:39

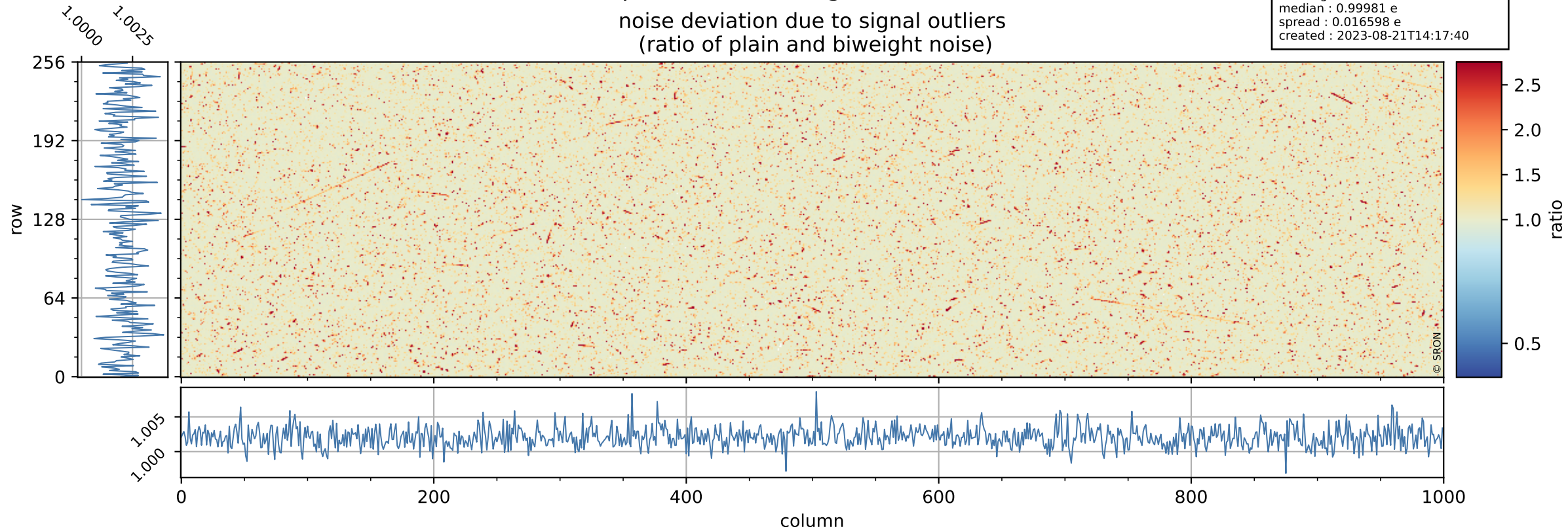
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

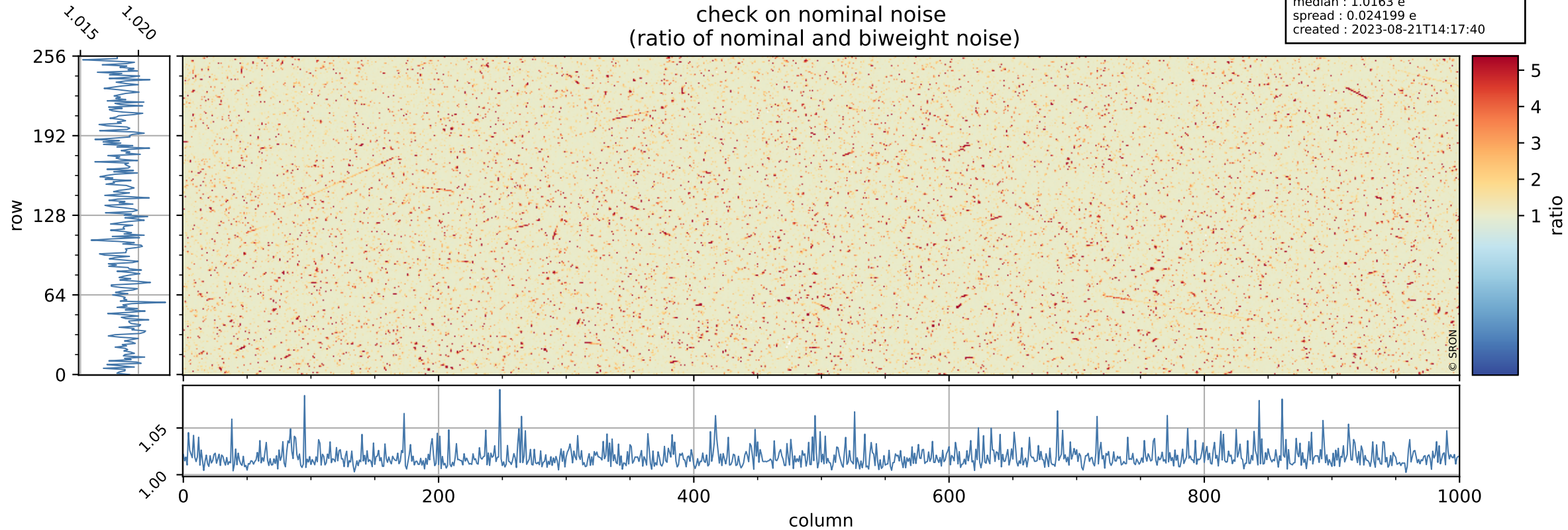
orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
median : 0.99981 e
spread : 0.016598 e
created : 2023-08-21T14:17:40



Tropomi SWIR background noise (swir)

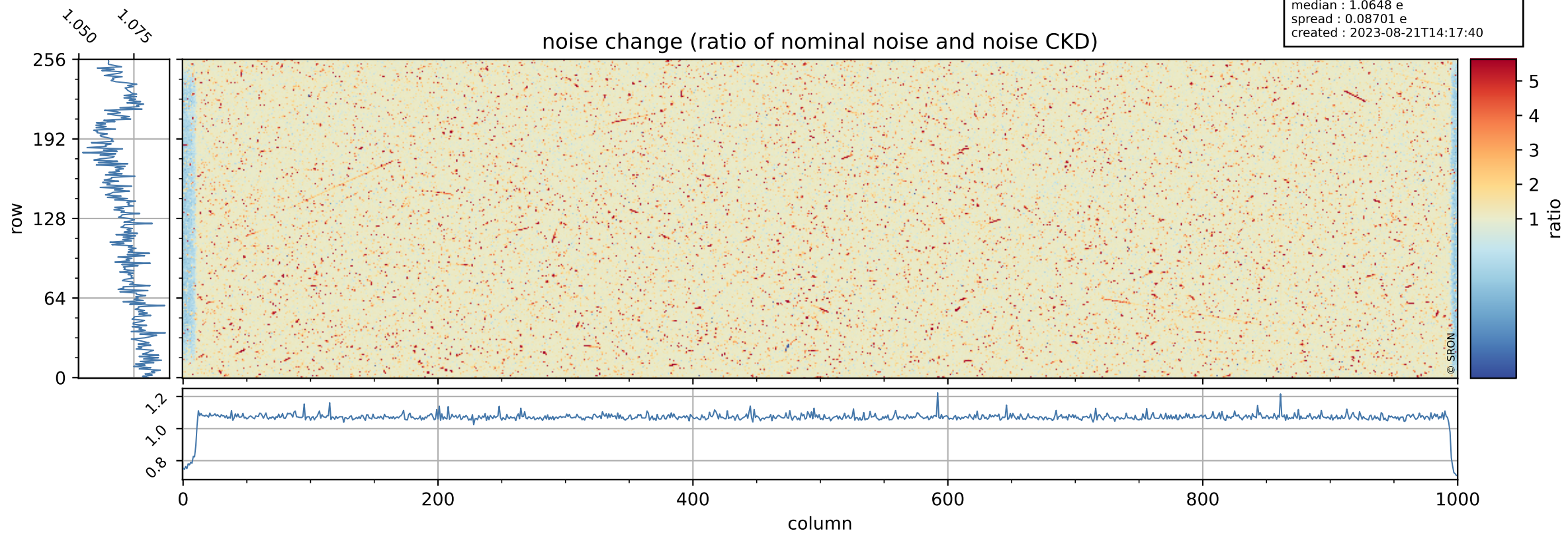
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
median : 1.0163 e
spread : 0.024199 e
created : 2023-08-21T14:17:40



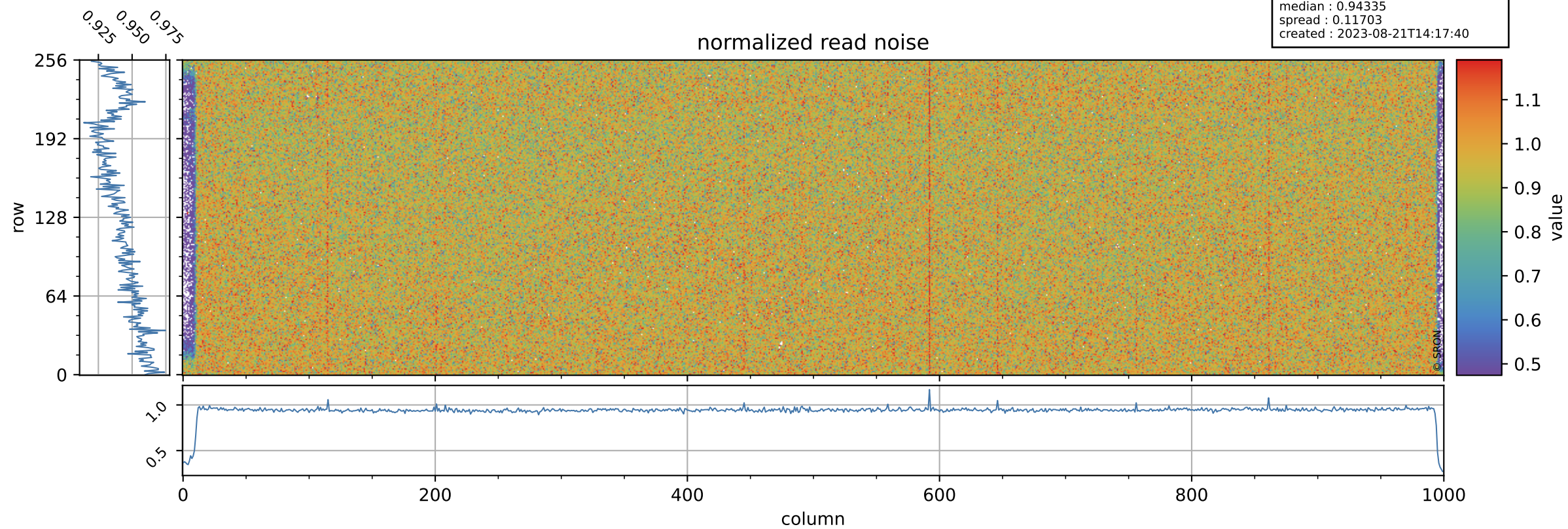
Tropomi SWIR background noise (swir)

orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
median : 1.0648 e
spread : 0.08701 e
created : 2023-08-21T14:17:40



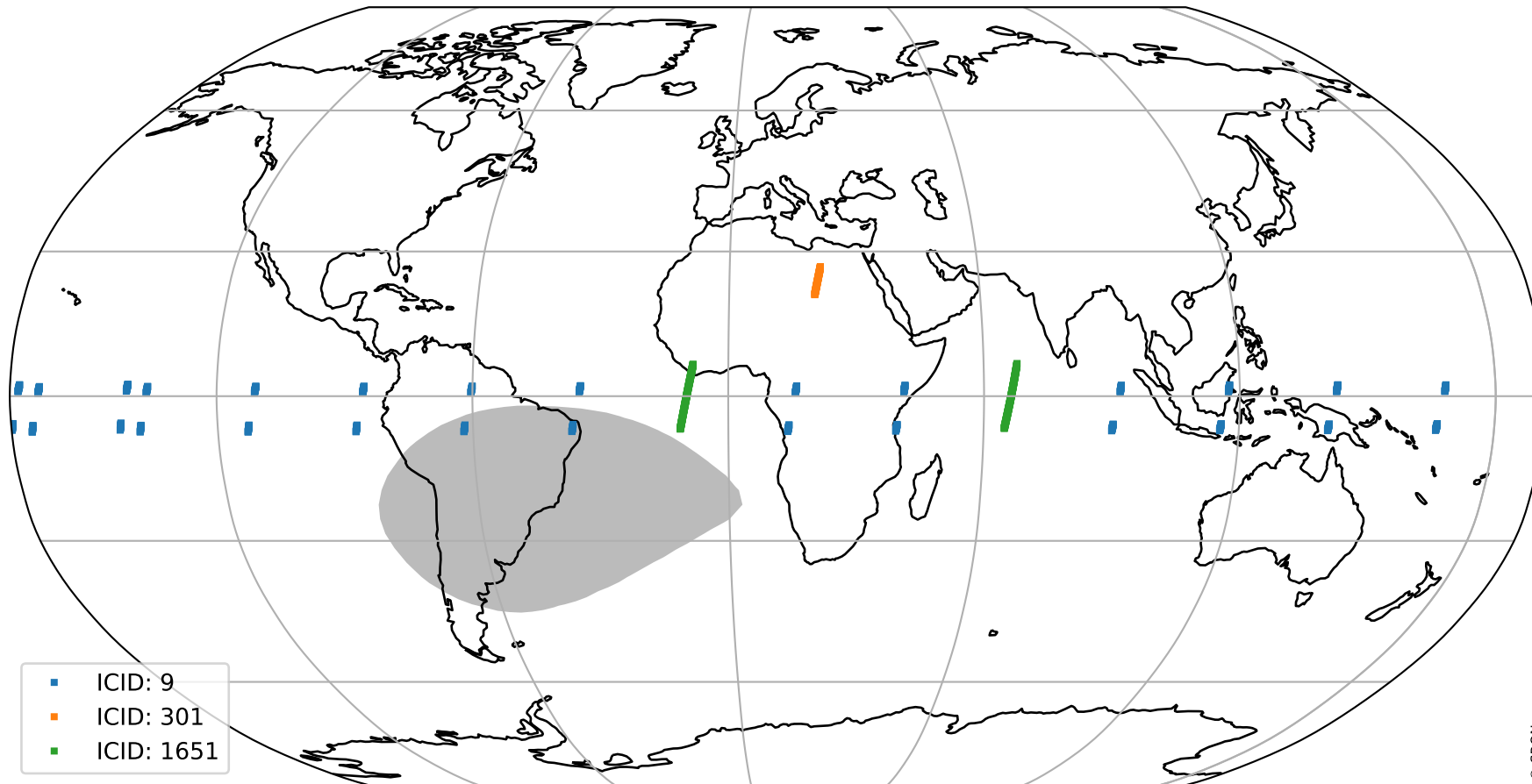
Tropomi SWIR background noise (swir)

orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
median : 0.94335
spread : 0.11703
created : 2023-08-21T14:17:40



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

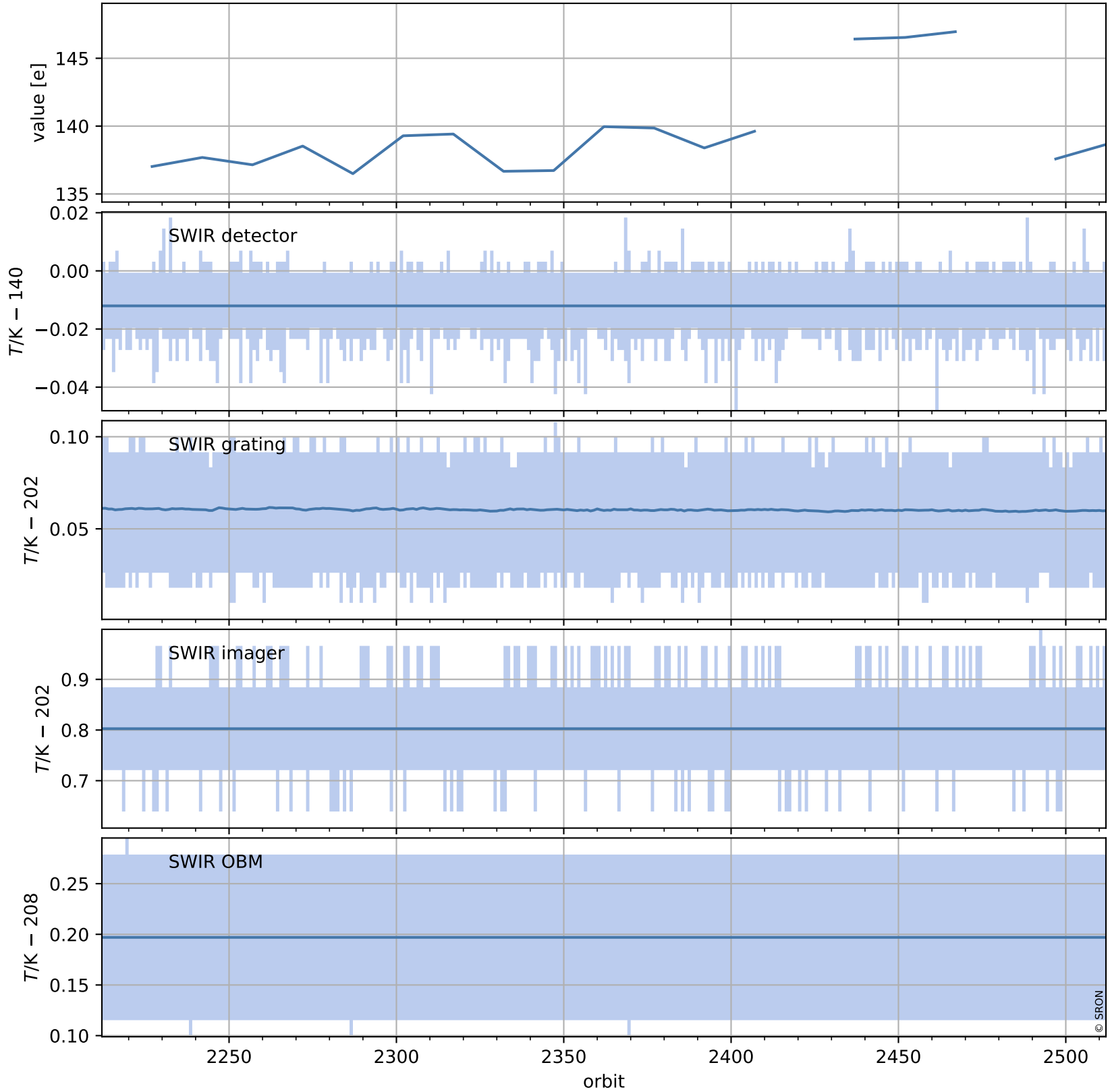
orbits : 14 in [2497, 2512]
coverage : 2018-04-07 / 2018-04-08
created : 2023-08-21T14:17:41



Tropomi SWIR background noise (swir)

orbits : [2212, 2512]
coverage : 2018-03-18 / 2018-04-08
created : 2023-08-21T14:17:41

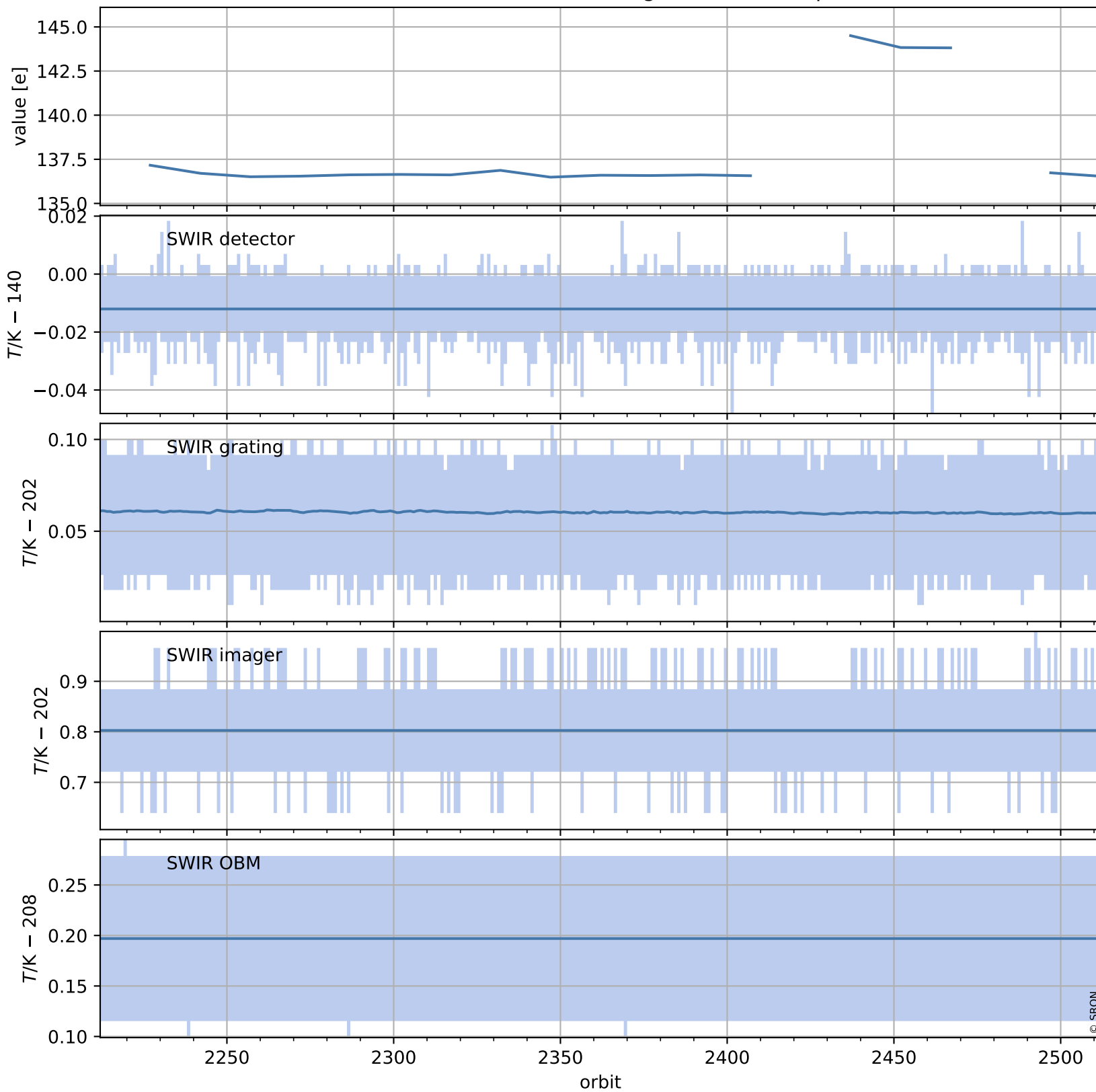
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2512]
coverage : 2018-03-18 / 2018-04-08
created : 2023-08-21T14:17:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2512]
coverage : 2018-03-18 / 2018-04-08
created : 2023-08-21T14:17:42

trend of normalized read-noise & temperatures

