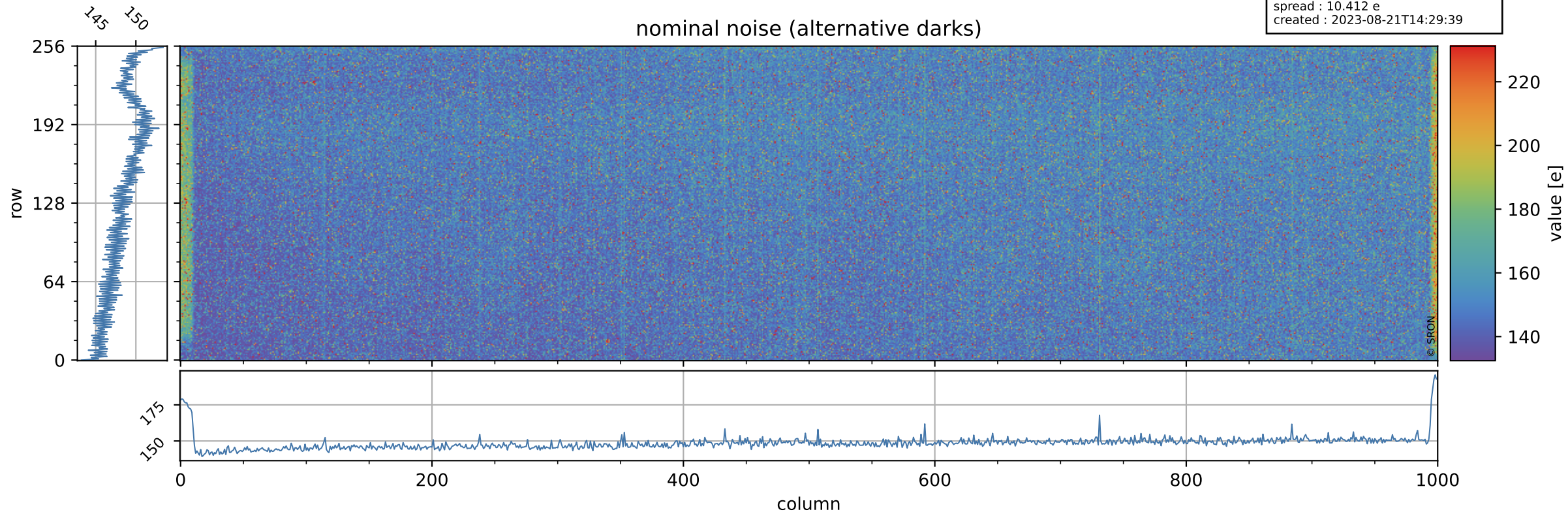


Tropomi SWIR background noise (swir)

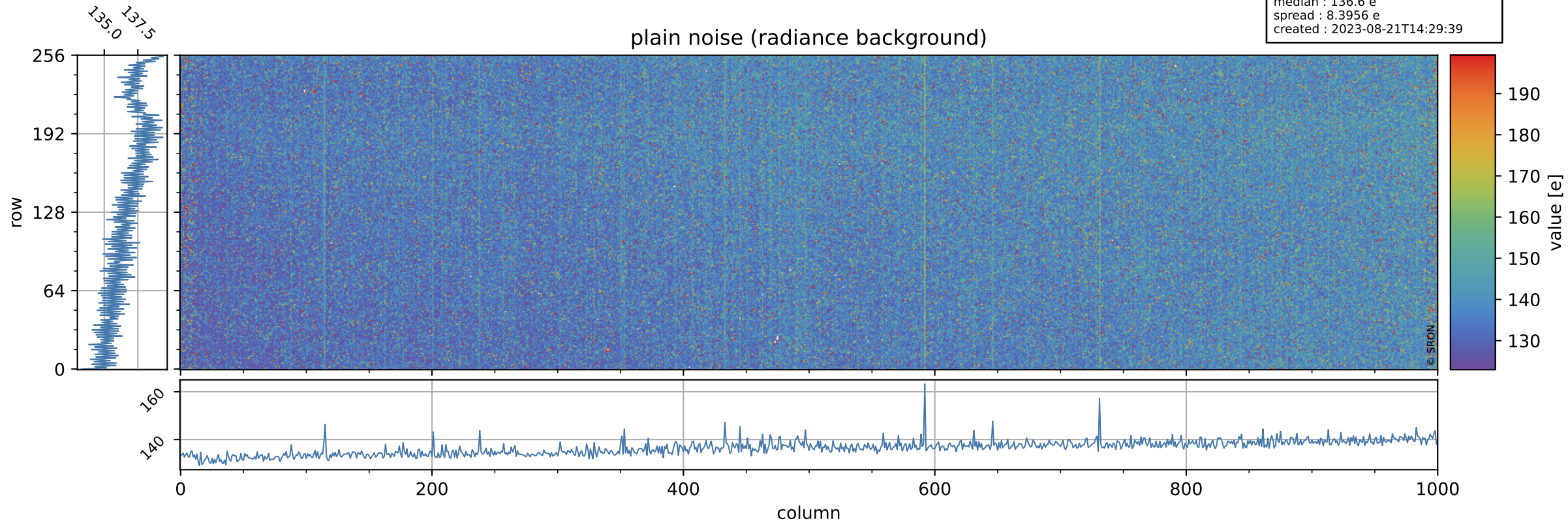
orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.412 e
created : 2023-08-21T14:29:39



Tropomi SWIR background noise (swir)

orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
n_coad, t_exp : 2, 0.5383
median : 136.6 e
spread : 8.3956 e
created : 2023-08-21T14:29:39

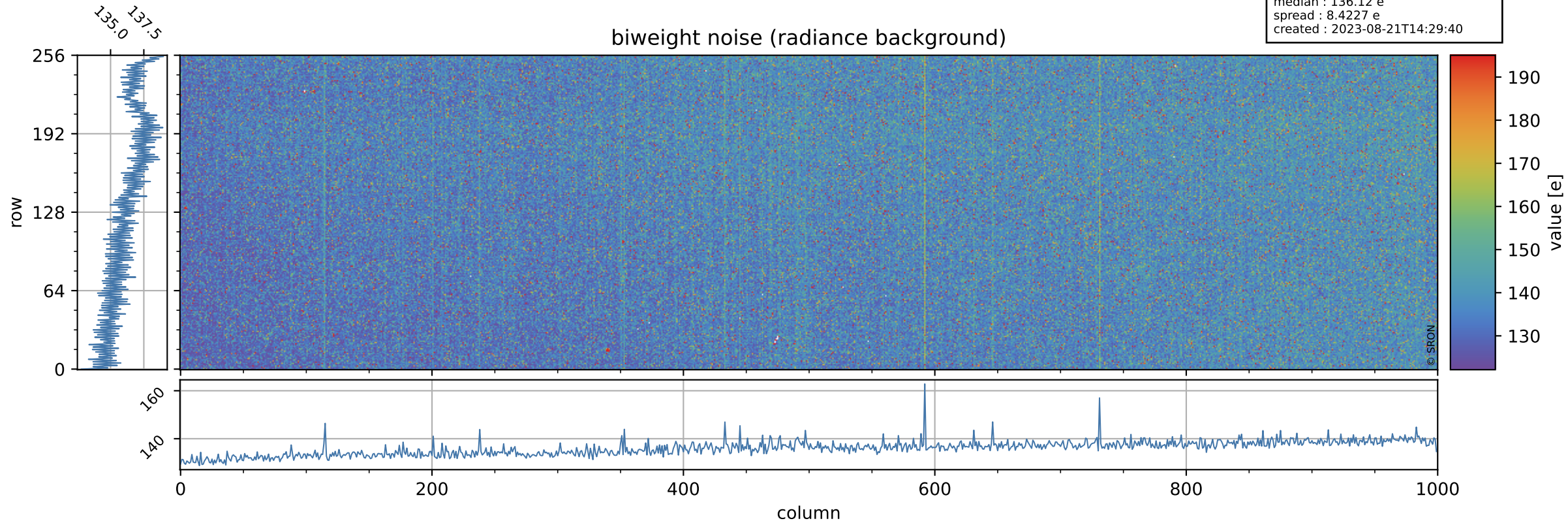
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
n_coad, t_exp : 2, 0.5383
median : 136.12 e
spread : 8.4227 e
created : 2023-08-21T14:29:40

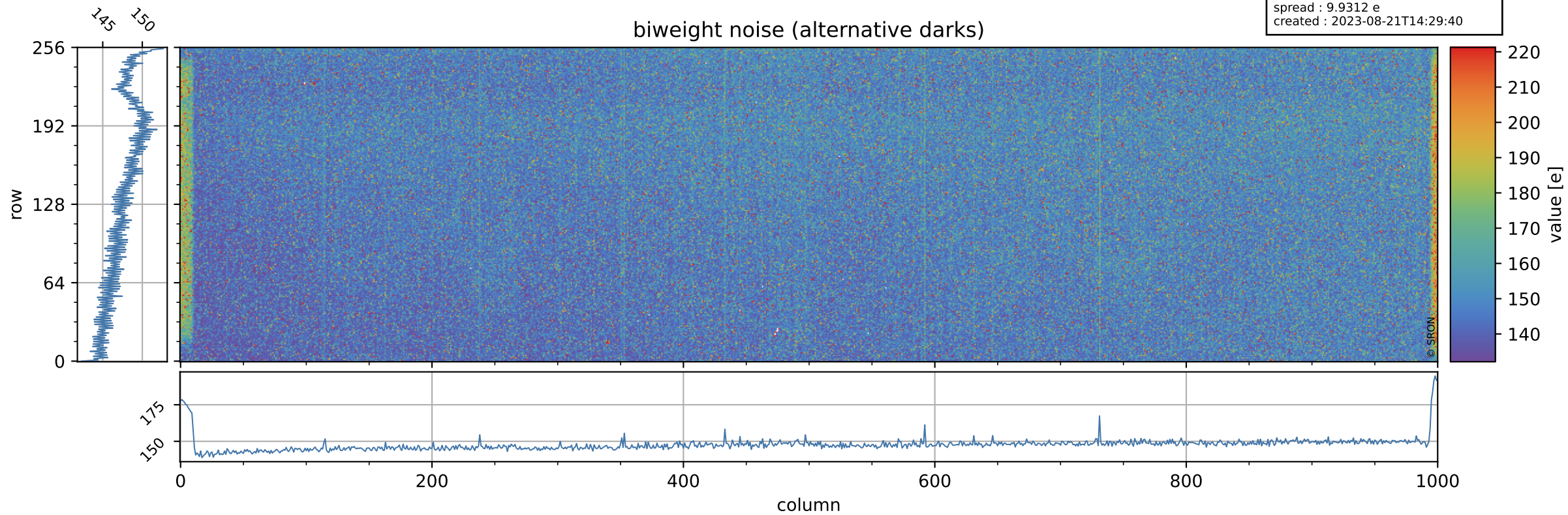
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
n_coad, t_exp : 1, 1.0783
median : 147.48 e
spread : 9.9312 e
created : 2023-08-21T14:29:40

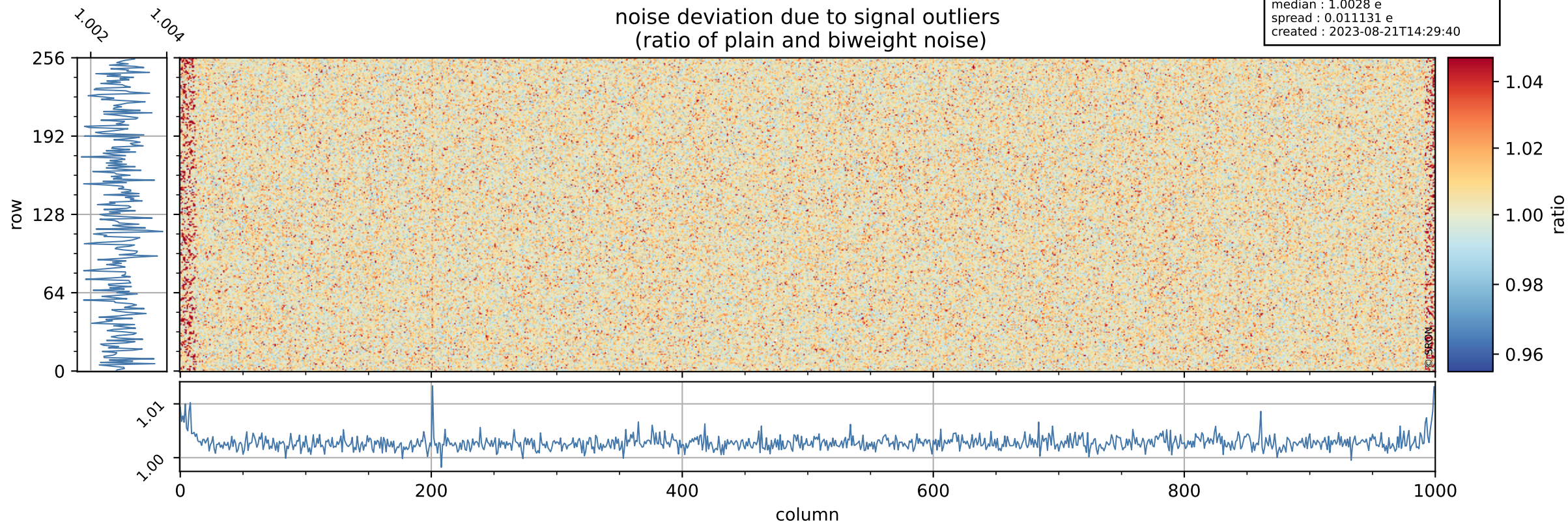
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

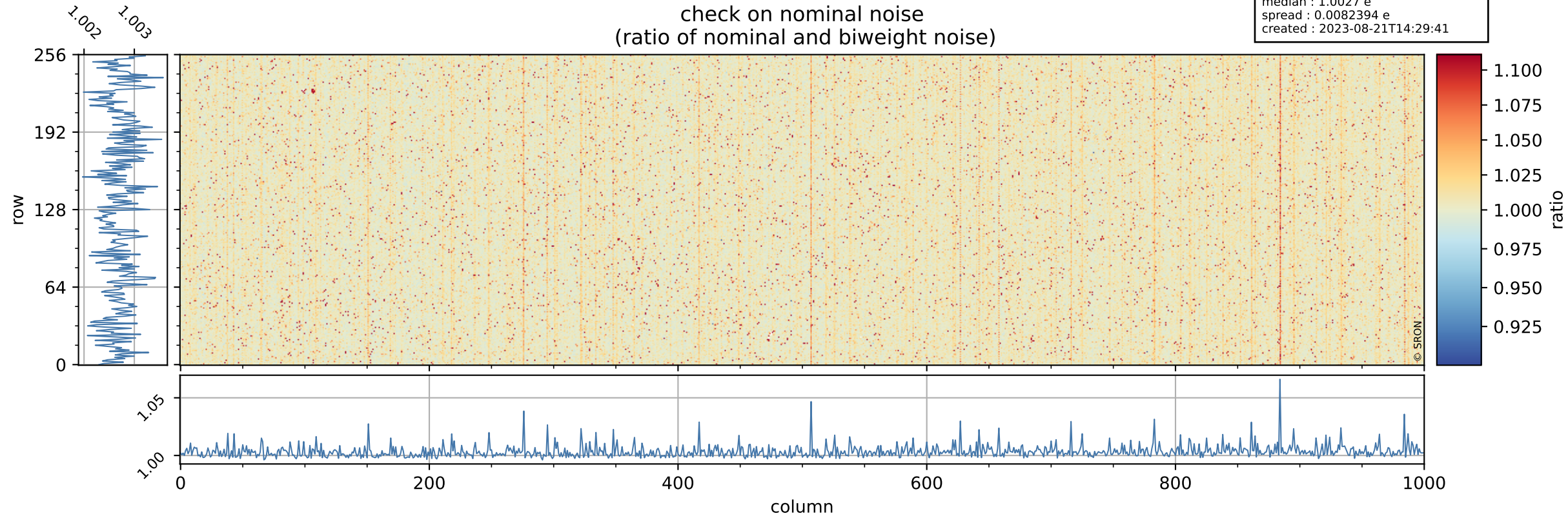
orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
median : 1.0028 e
spread : 0.011131 e
created : 2023-08-21T14:29:40



Tropomi SWIR background noise (swir)

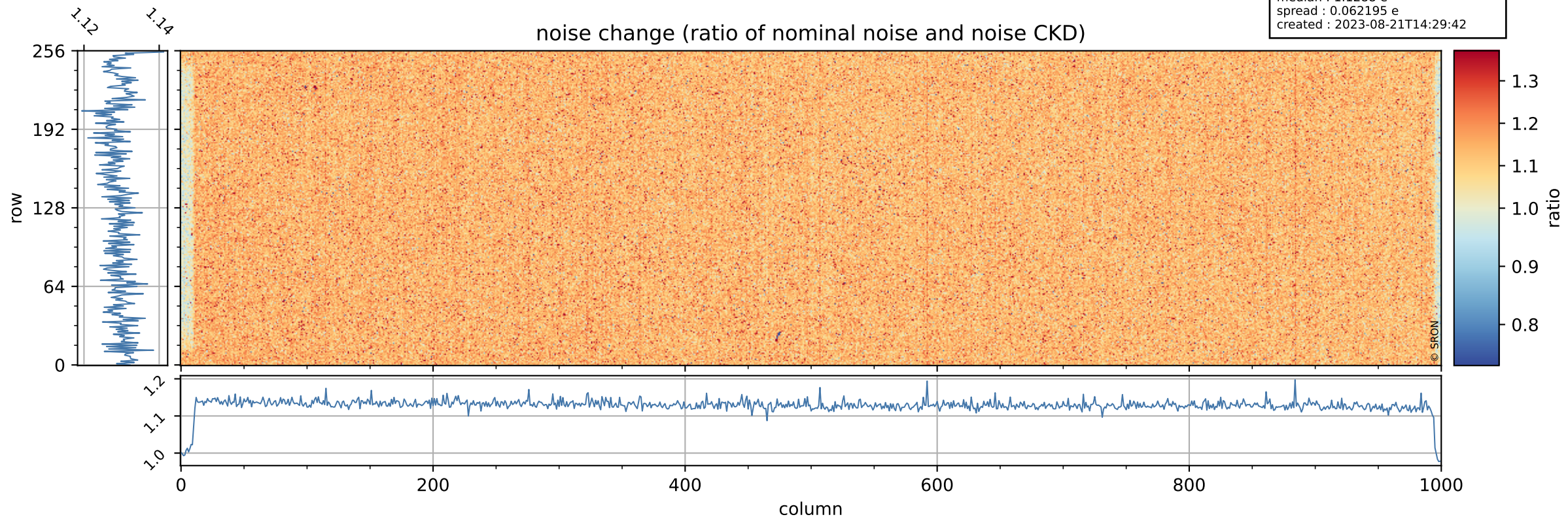
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
median : 1.0027 e
spread : 0.0082394 e
created : 2023-08-21T14:29:41



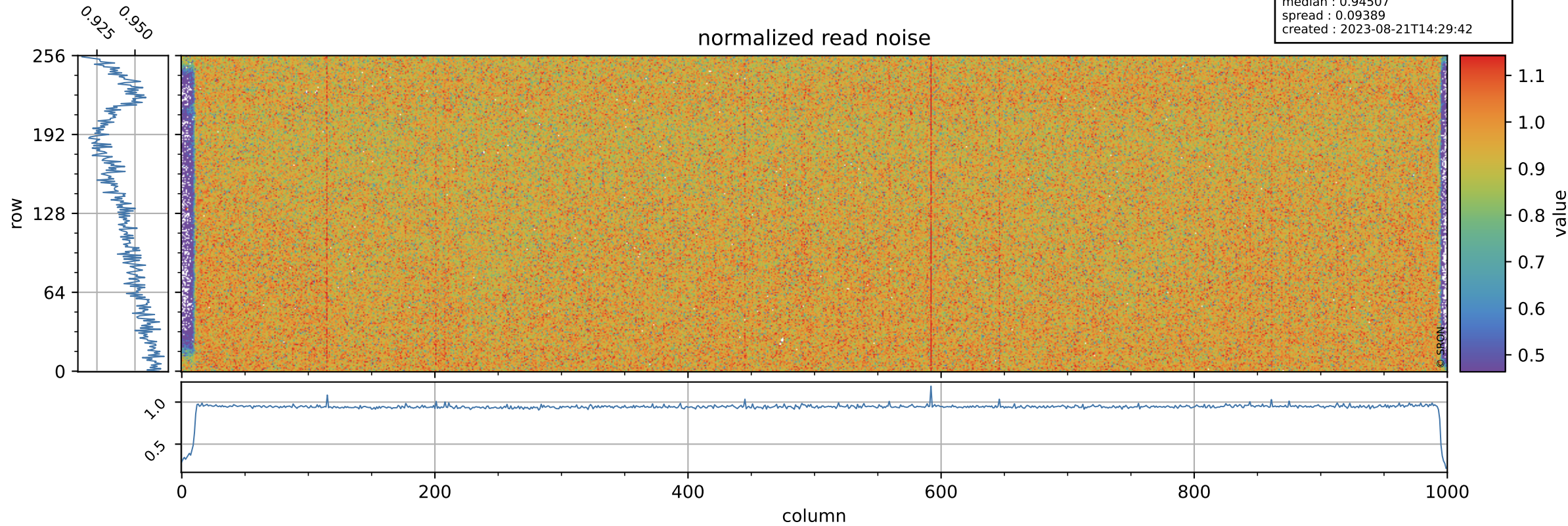
Tropomi SWIR background noise (swir)

orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
median : 1.1288 e
spread : 0.062195 e
created : 2023-08-21T14:29:42



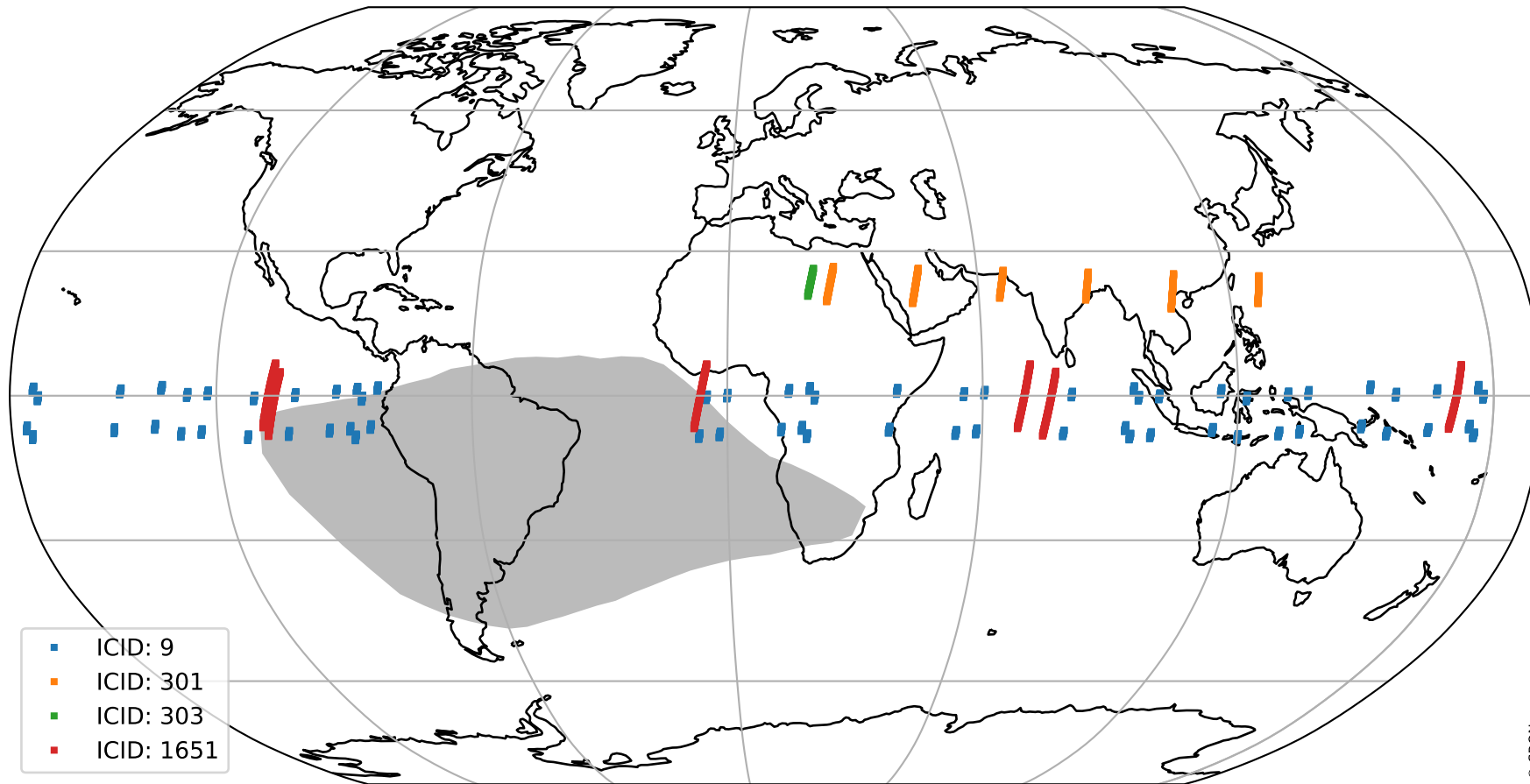
Tropomi SWIR background noise (swir)

orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
median : 0.94507
spread : 0.09389
created : 2023-08-21T14:29:42



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

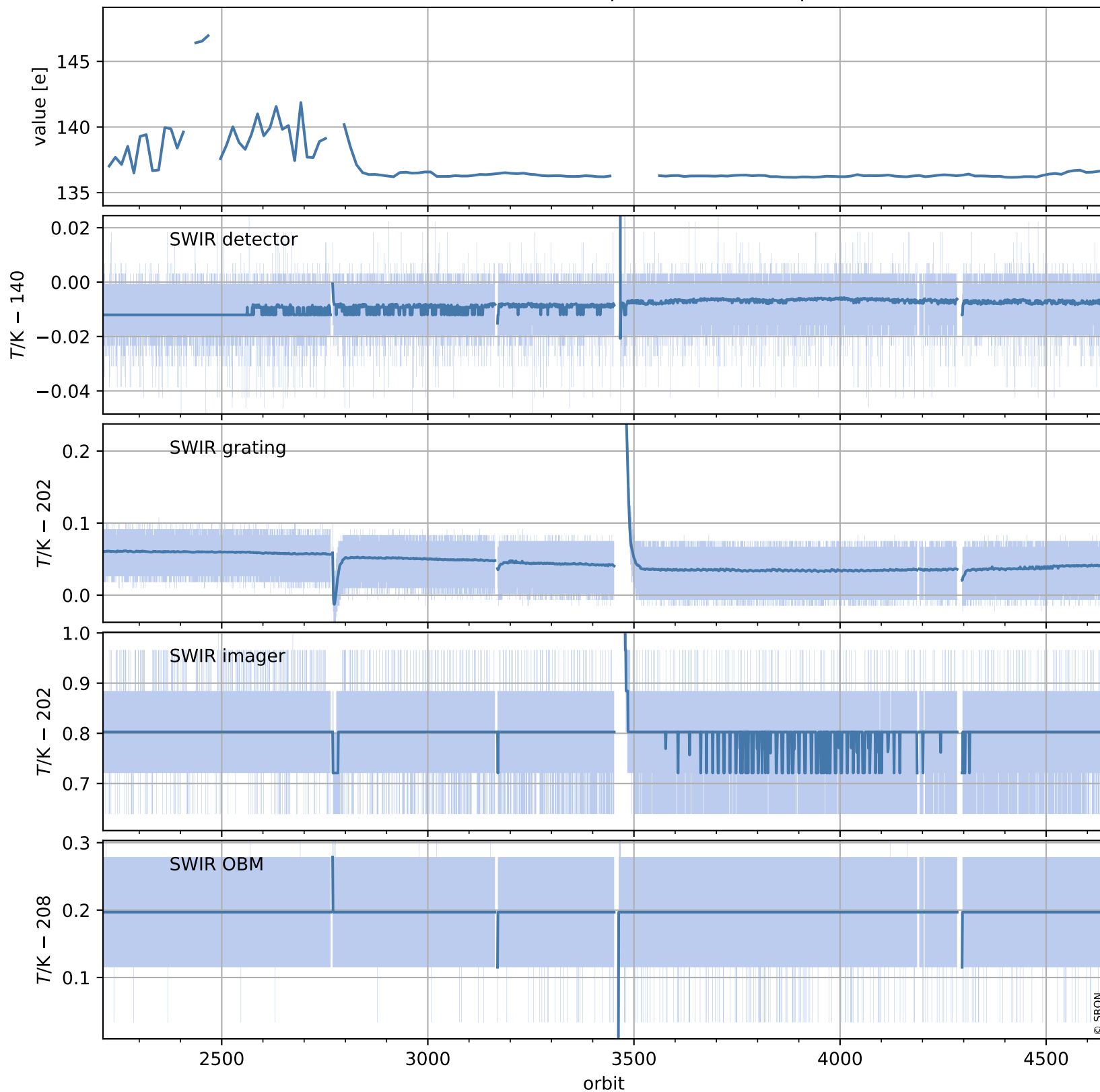
orbits : 13 in [4552, 4642]
coverage : 2018-08-30 / 2018-09-05
created : 2023-08-21T14:29:43



Tropomi SWIR background noise (swir)

orbits : [2212, 4642]
coverage : 2018-03-18 / 2018-09-05
created : 2023-08-21T14:29:43

trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4642]
coverage : 2018-03-18 / 2018-09-05
created : 2023-08-21T14:29:44

trend of normalized read-noise & temperatures

