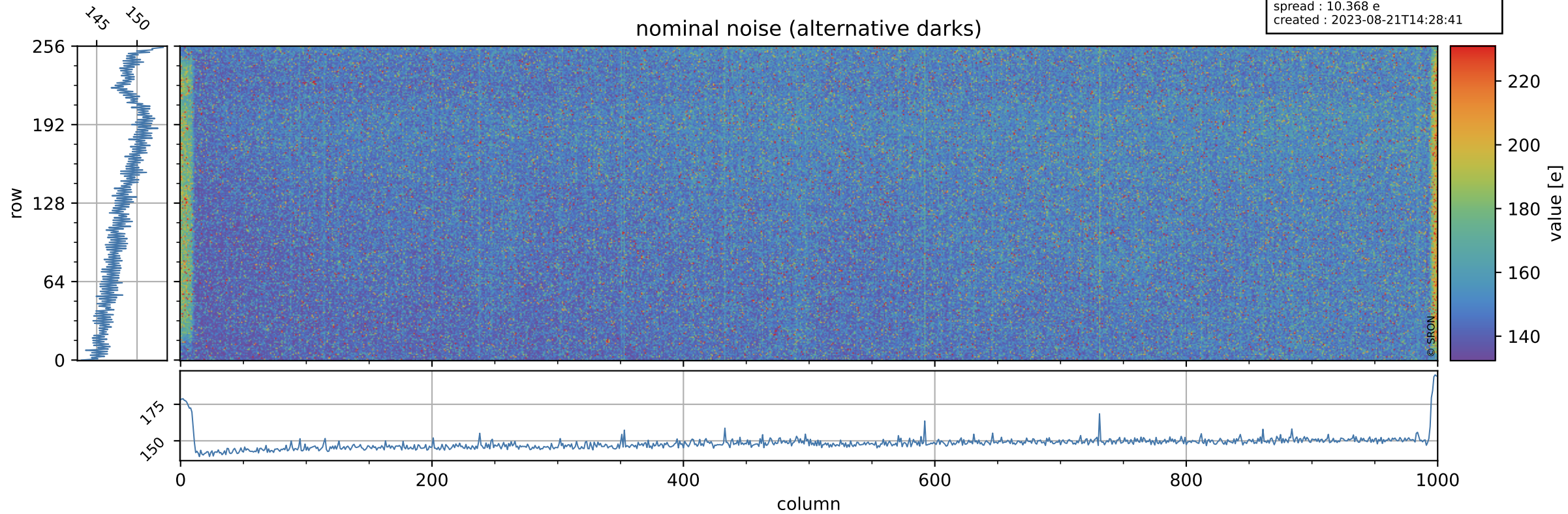


Tropomi SWIR background noise (swir)

orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
n_coad, t_exp : 1, 1.0783
median : 148.2 e
spread : 10.368 e
created : 2023-08-21T14:28:41

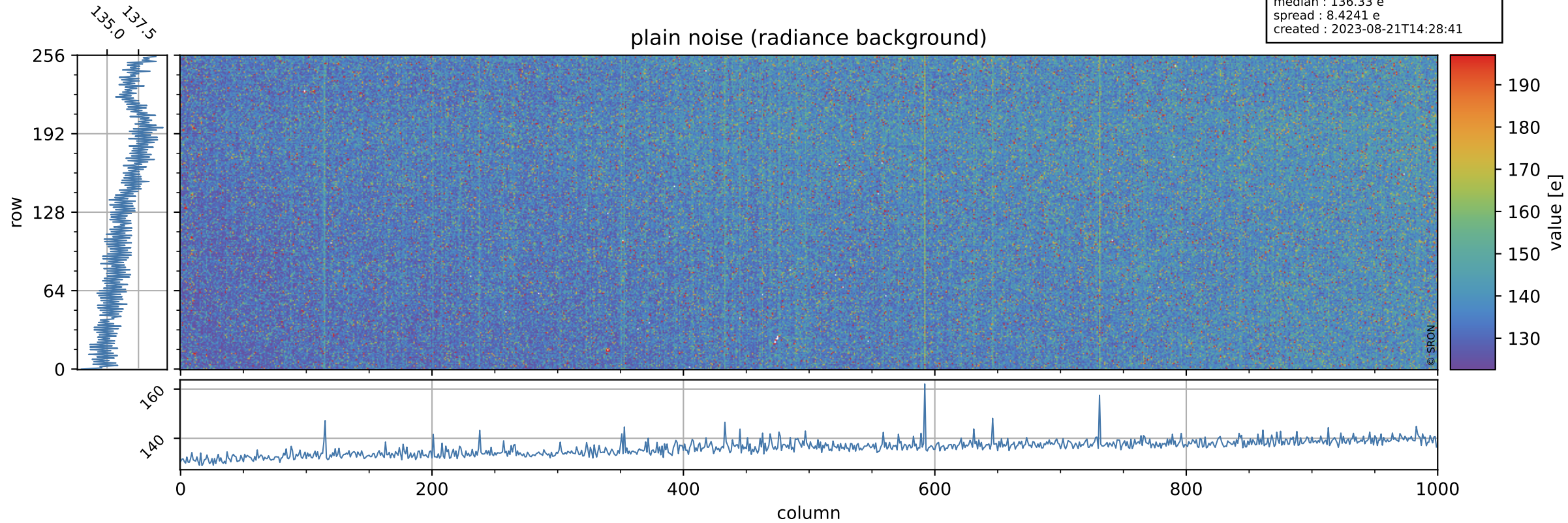
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
n_coad, t_exp : 2, 0.5383
median : 136.33 e
spread : 8.4241 e
created : 2023-08-21T14:28:41

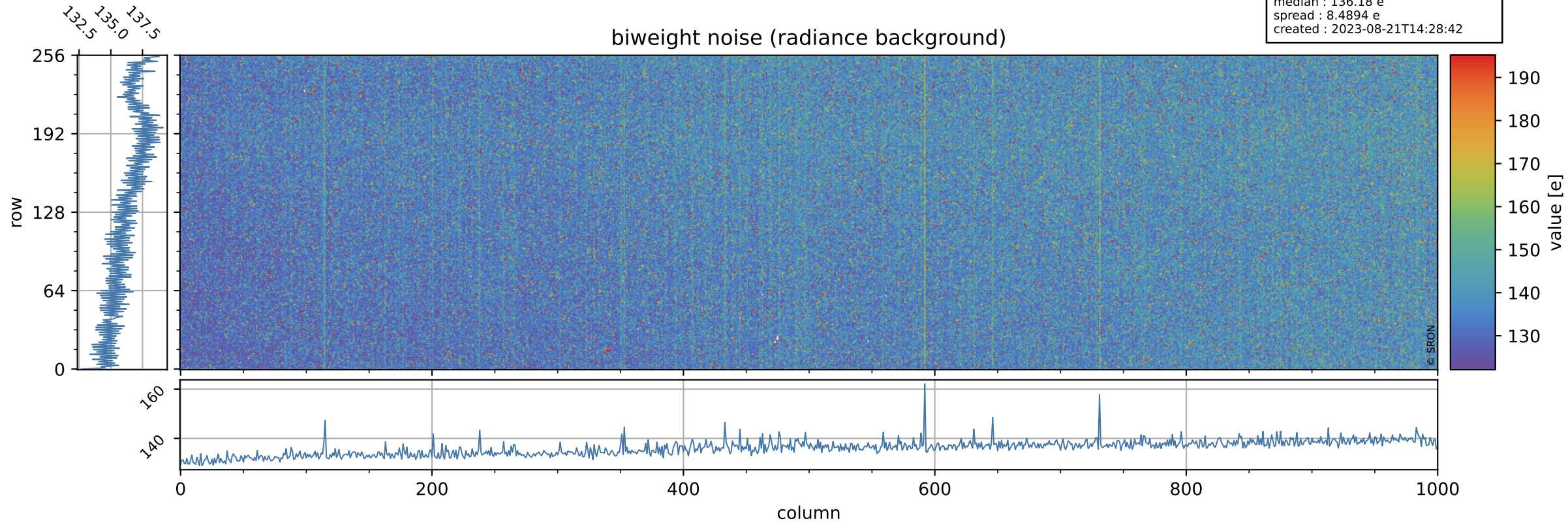
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4894 e
created : 2023-08-21T14:28:42

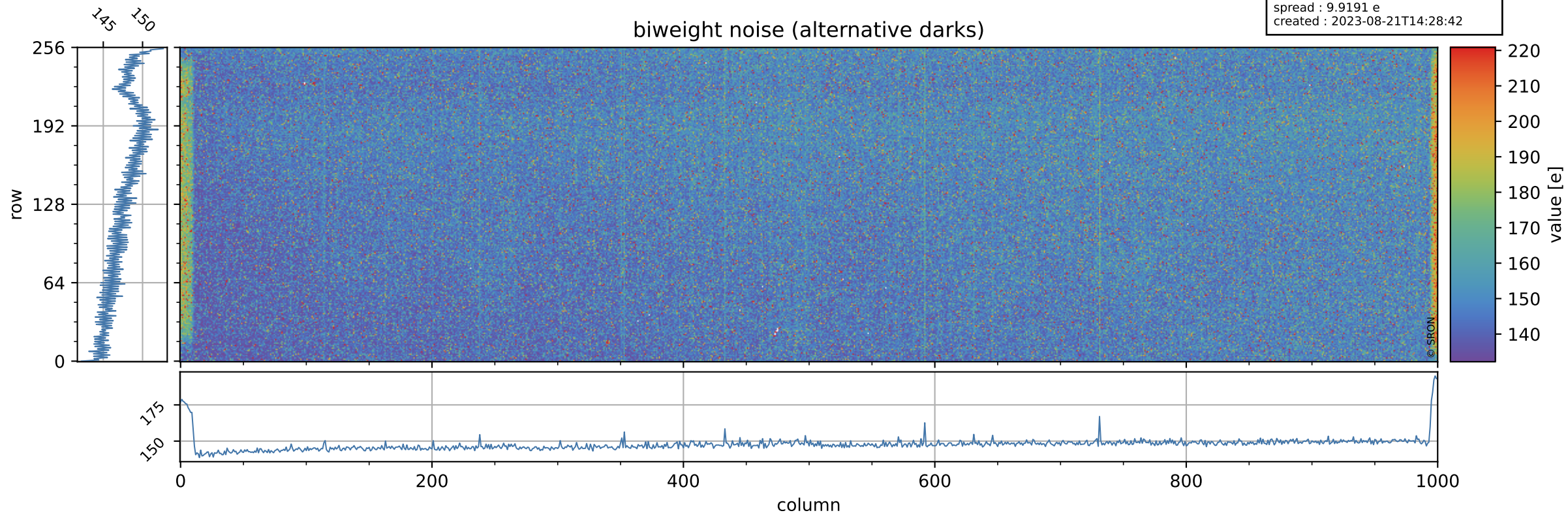
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.9191 e
created : 2023-08-21T14:28:42

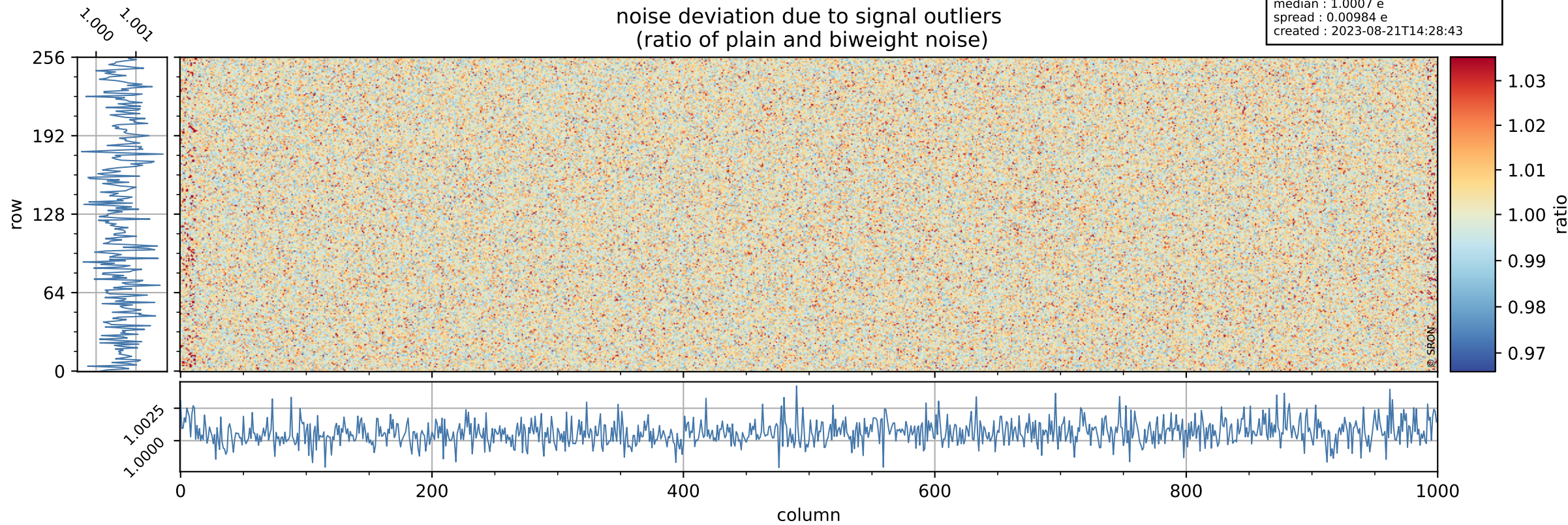
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

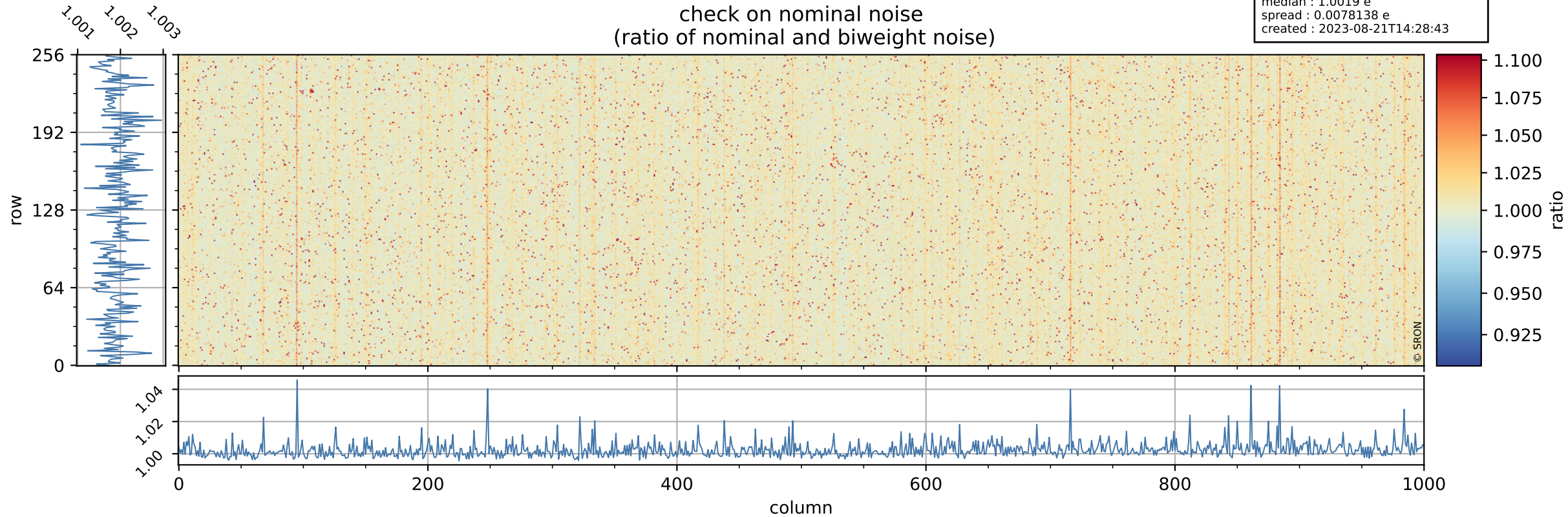
orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
median : 1.0007 e
spread : 0.00984 e
created : 2023-08-21T14:28:43



Tropomi SWIR background noise (swir)

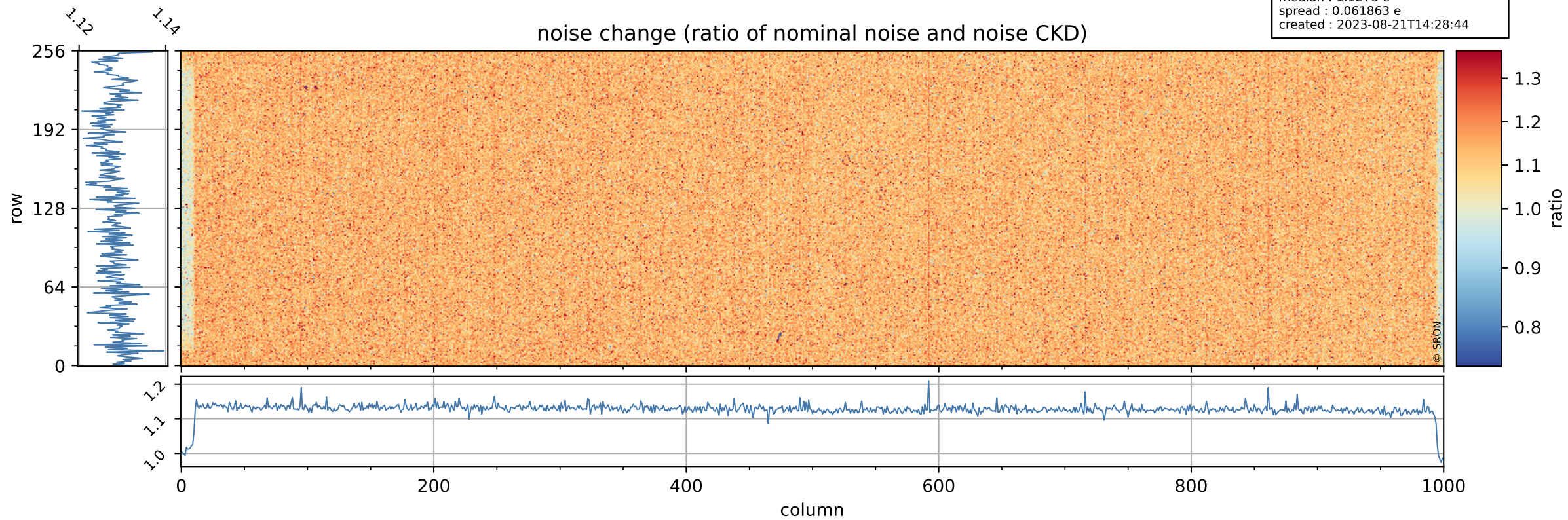
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
median : 1.0019 e
spread : 0.0078138 e
created : 2023-08-21T14:28:43



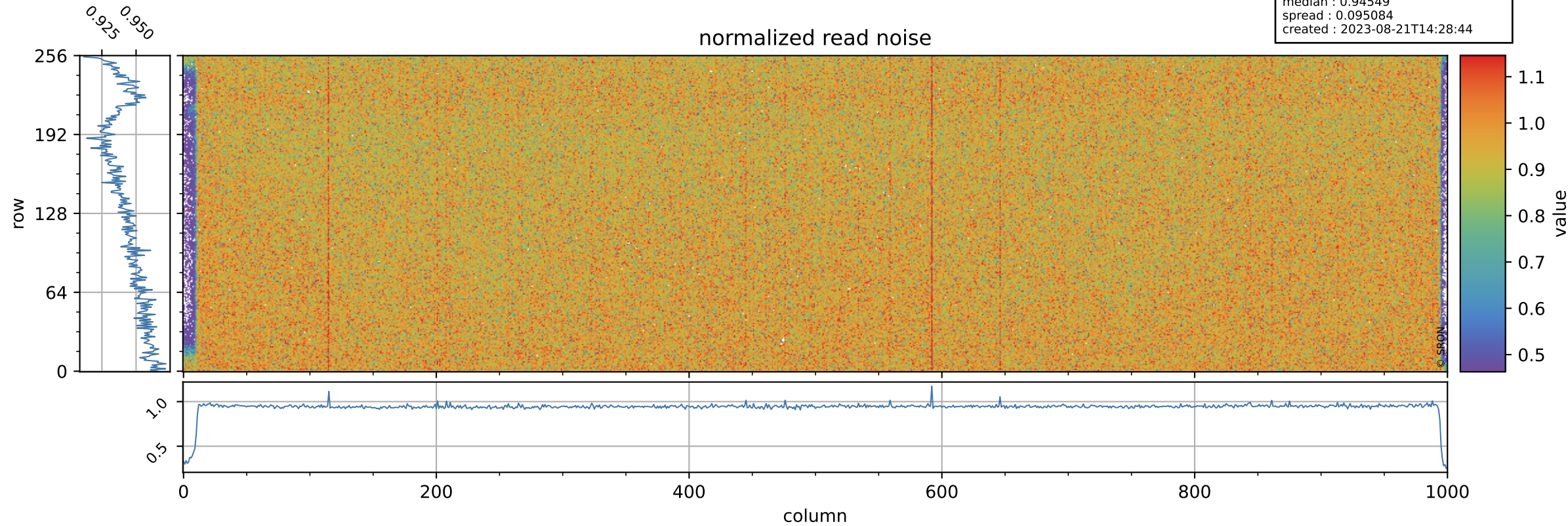
Tropomi SWIR background noise (swir)

orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
median : 1.1278 e
spread : 0.061863 e
created : 2023-08-21T14:28:44



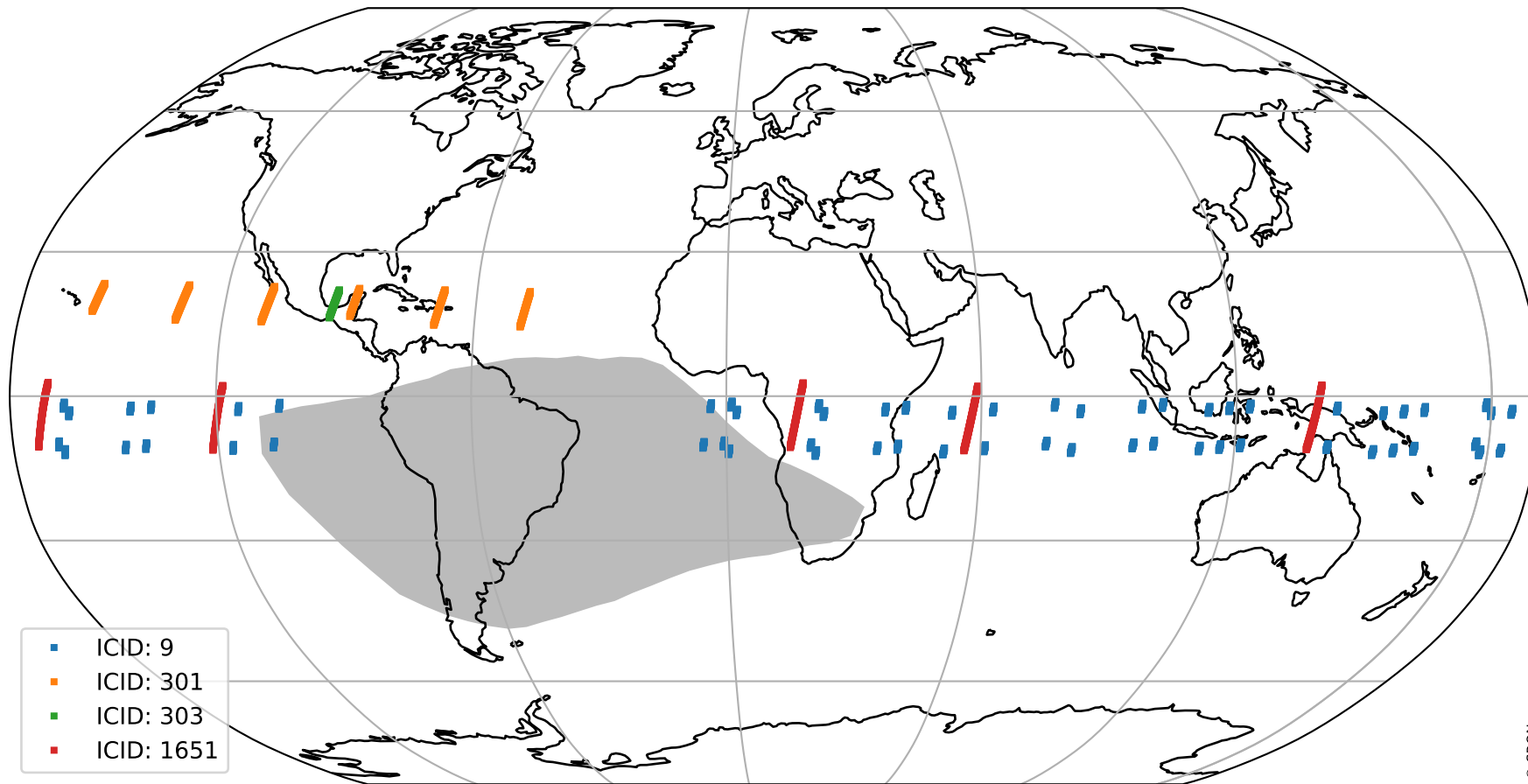
Tropomi SWIR background noise (swir)

orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
median : 0.94549
spread : 0.095084
created : 2023-08-21T14:28:44



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

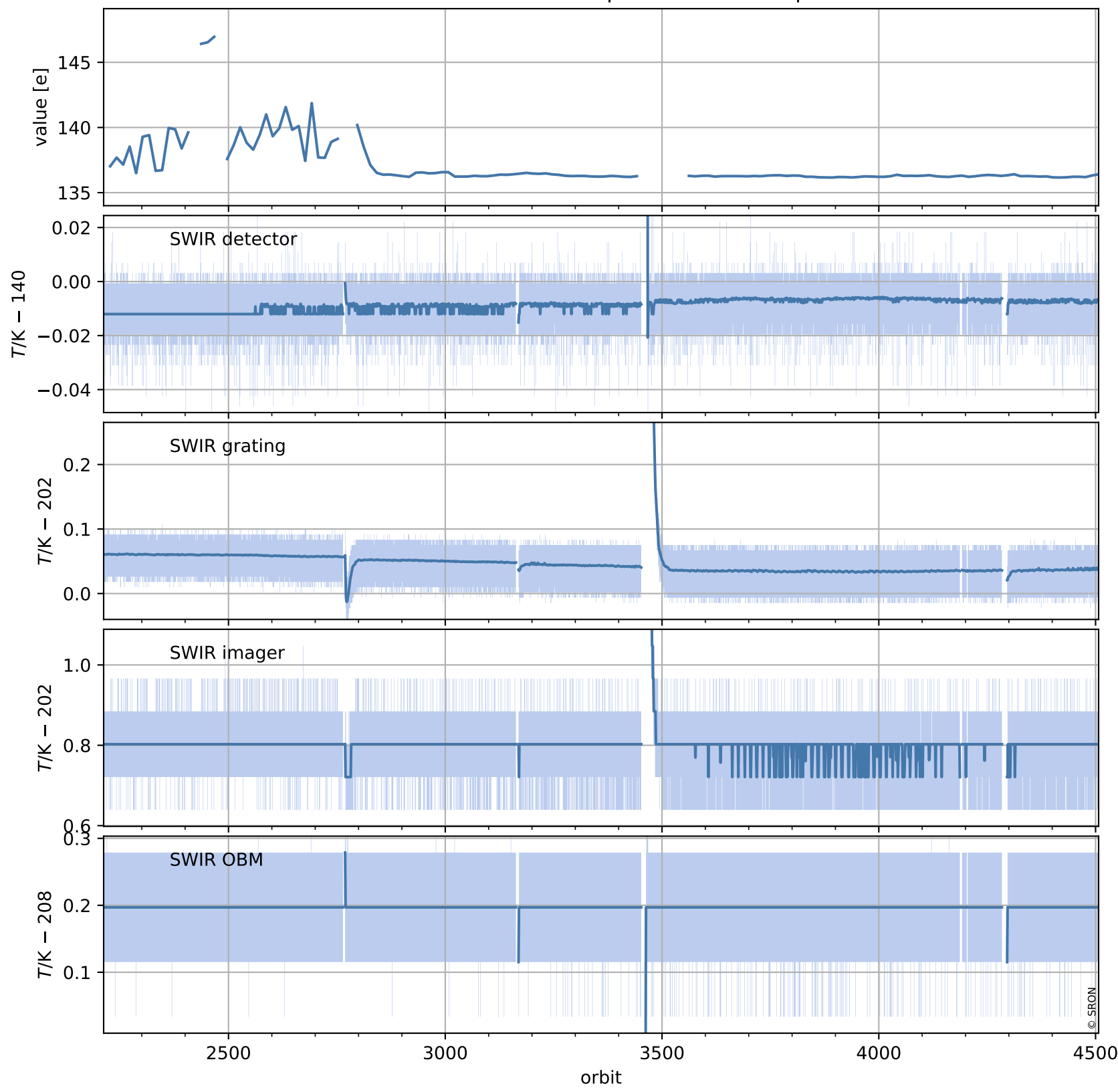
orbits : 12 in [4432, 4507]
coverage : 2018-08-21 / 2018-08-26
created : 2023-08-21T14:28:45



Tropomi SWIR background noise (swir)

orbits : [2212, 4507]
coverage : 2018-03-18 / 2018-08-26
created : 2023-08-21T14:28:45

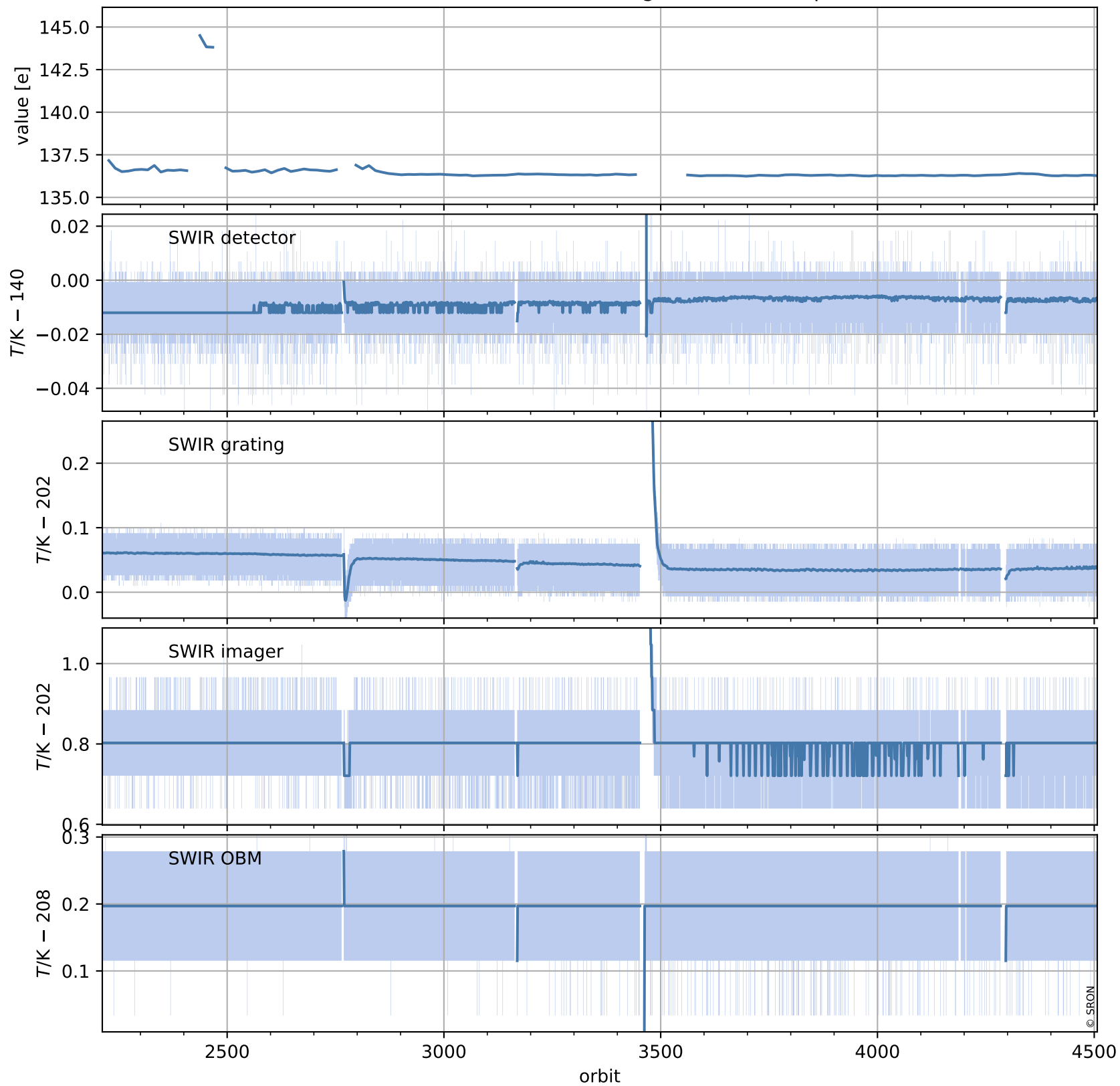
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4507]
coverage : 2018-03-18 / 2018-08-26
created : 2023-08-21T14:28:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4507]
coverage : 2018-03-18 / 2018-08-26
created : 2023-08-21T14:28:47

trend of normalized read-noise & temperatures

