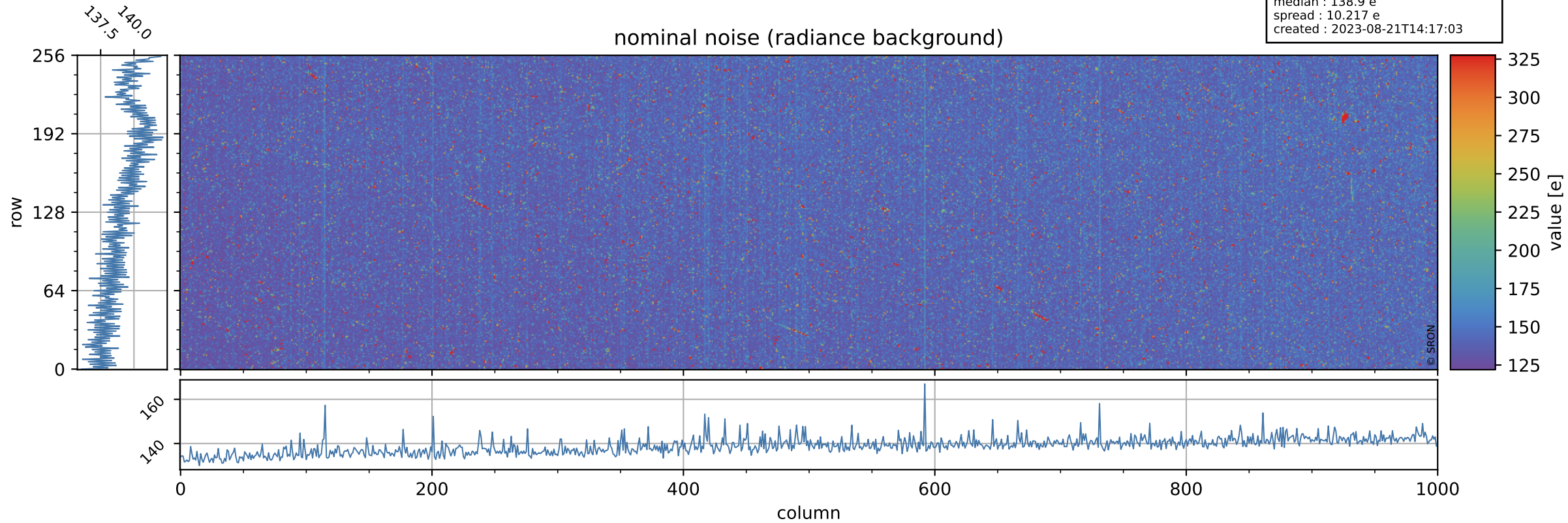


Tropomi SWIR background noise (swir)

orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
n_coad, t_exp : 2, 0.5383
median : 138.9 e
spread : 10.217 e
created : 2023-08-21T14:17:03

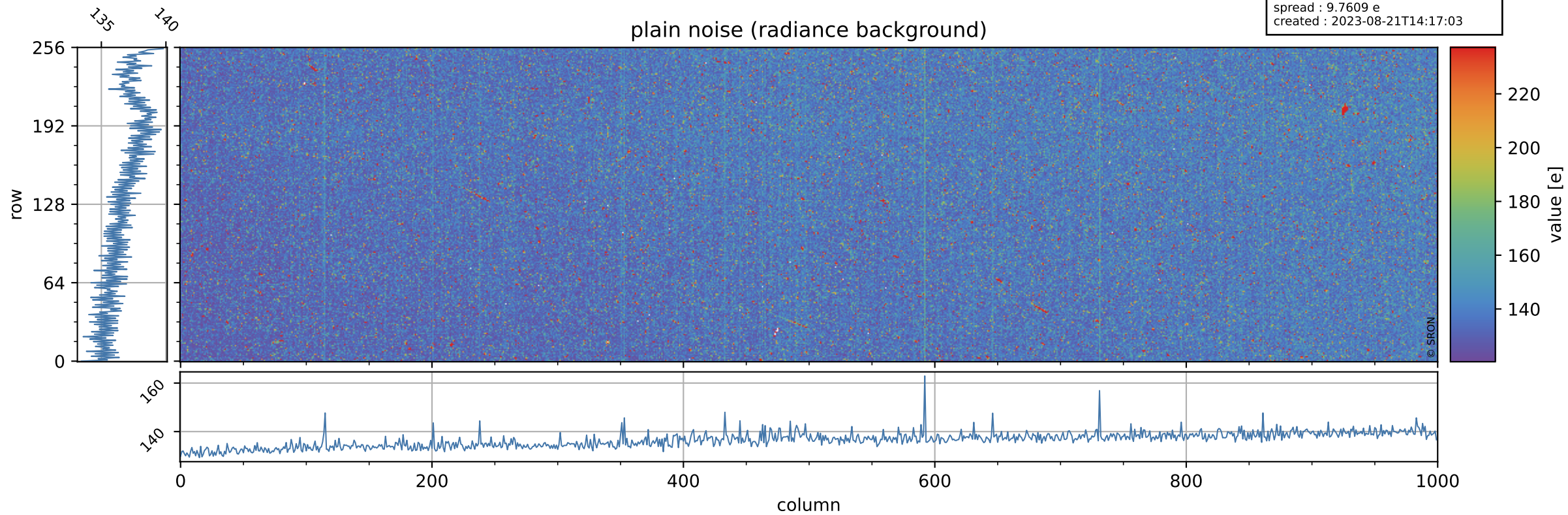
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
n_coad, t_exp : 2, 0.5383
median : 136.52 e
spread : 9.7609 e
created : 2023-08-21T14:17:03

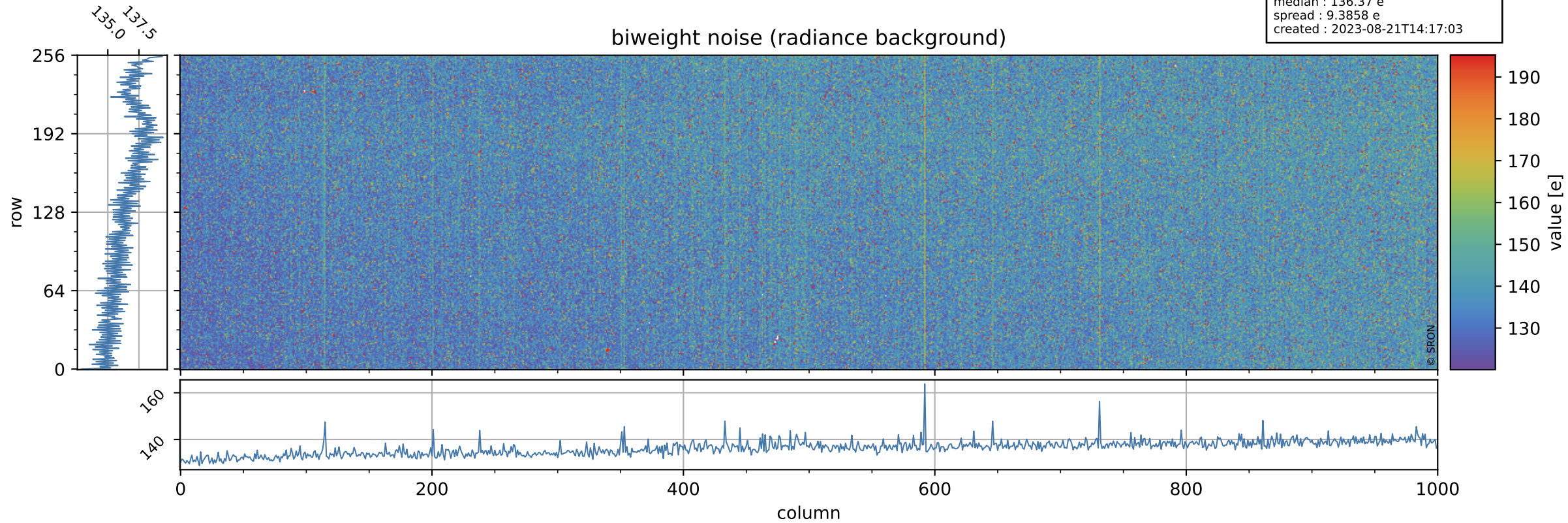
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
n_coad, t_exp : 2, 0.5383
median : 136.37 e
spread : 9.3858 e
created : 2023-08-21T14:17:03

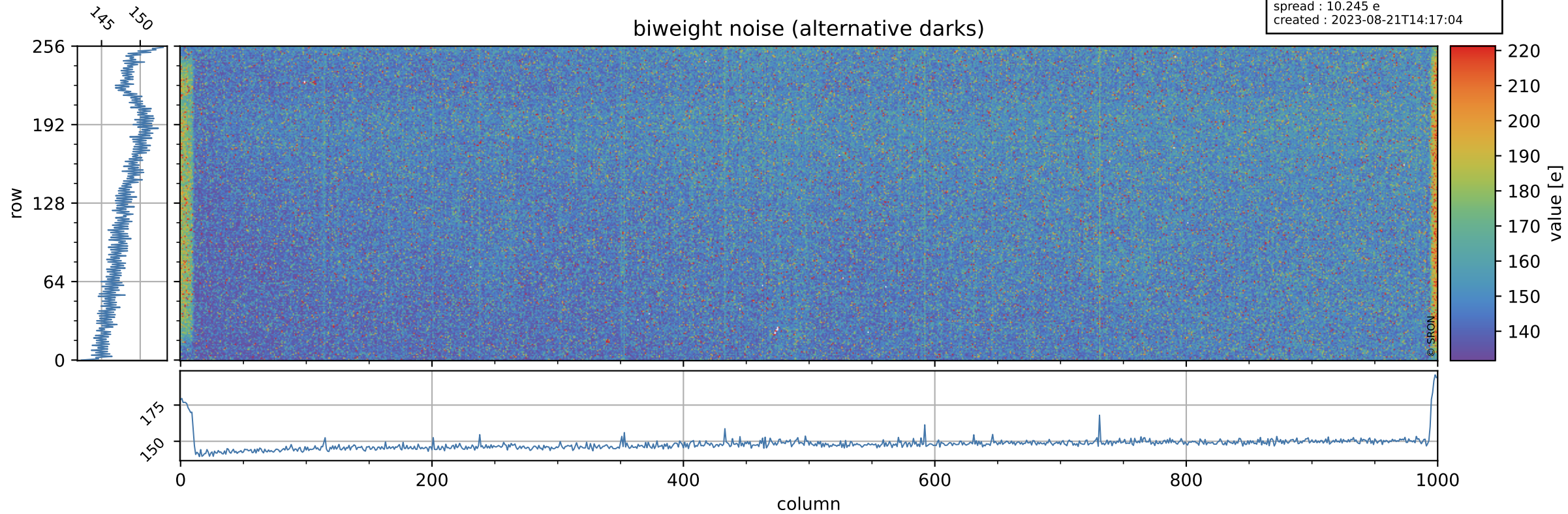
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
n_coad, t_exp : 1, 1.0783
median : 147.89 e
spread : 10.245 e
created : 2023-08-21T14:17:04

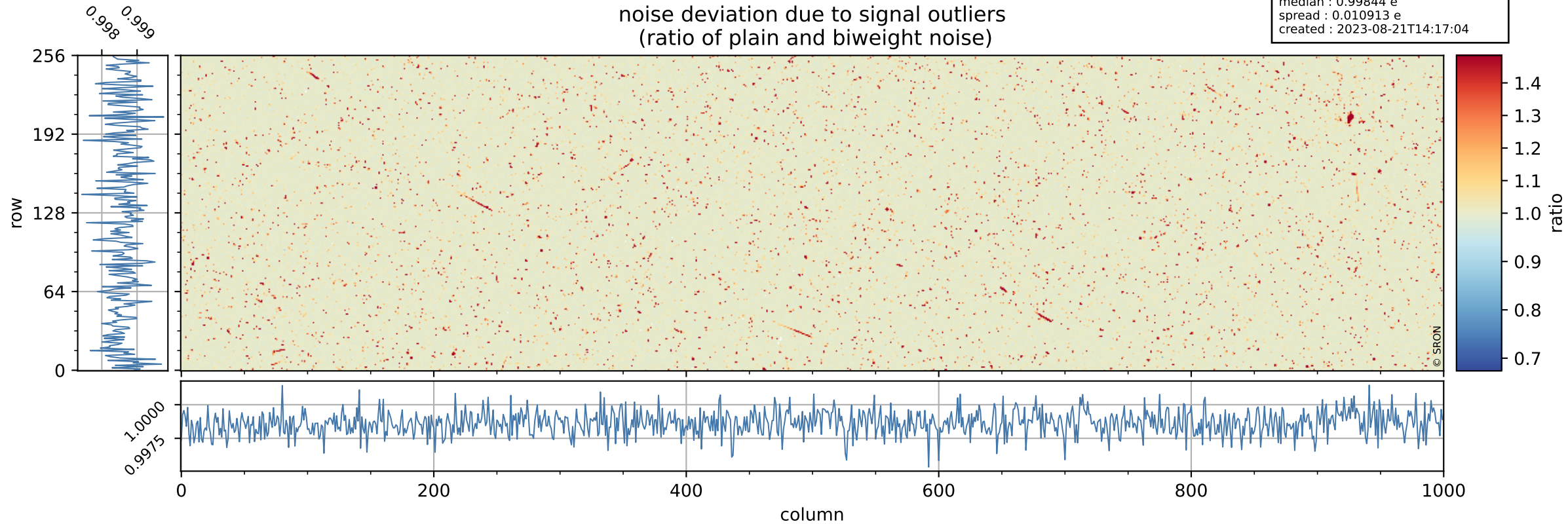
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

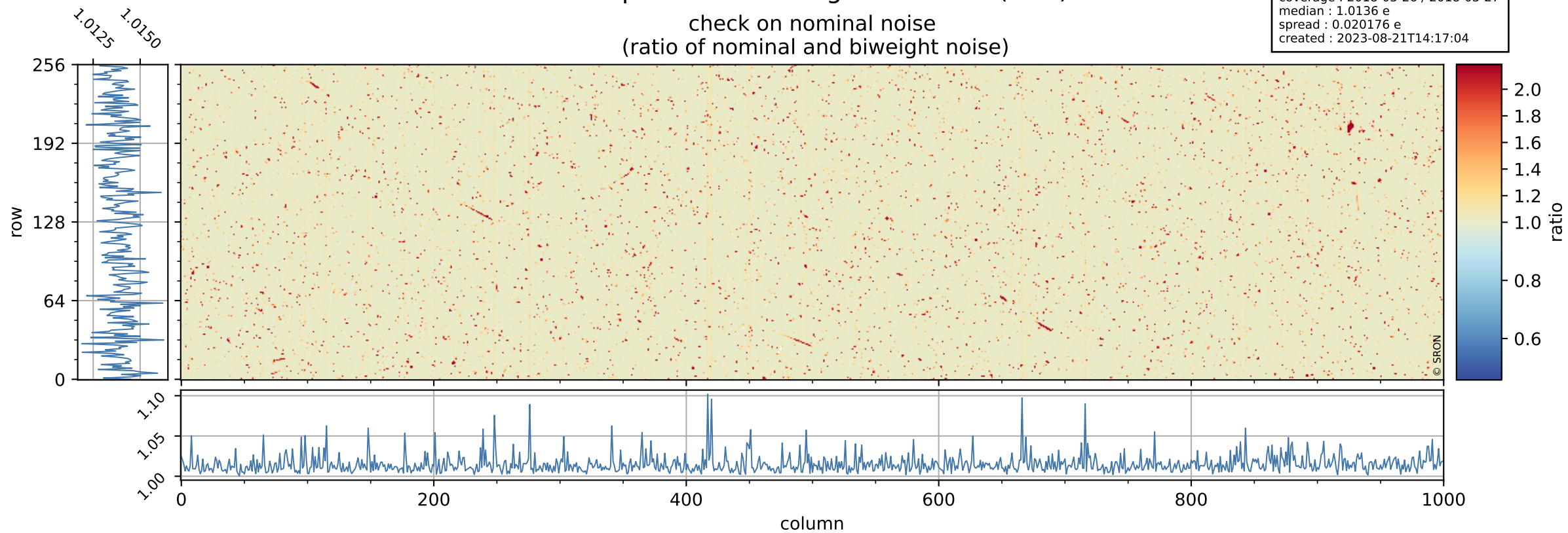
orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
median : 0.99844 e
spread : 0.010913 e
created : 2023-08-21T14:17:04



Tropomi SWIR background noise (swir)

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

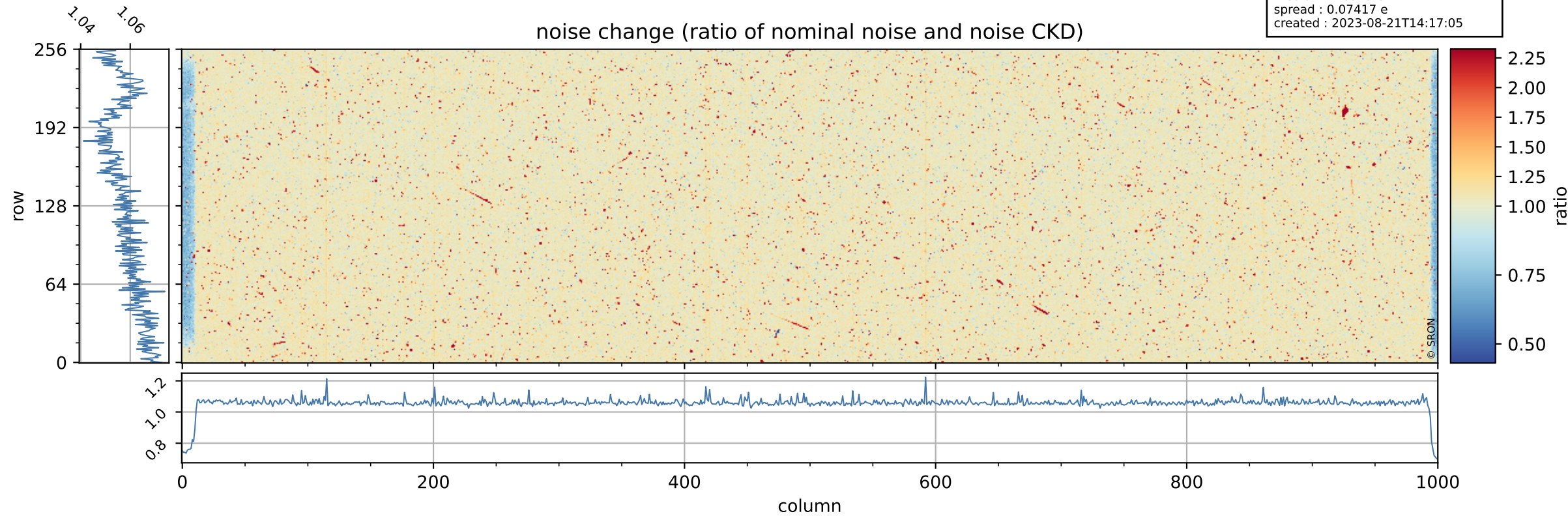
orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
median : 1.0136 e
spread : 0.020176 e
created : 2023-08-21T14:17:04



Tropomi SWIR background noise (swir)

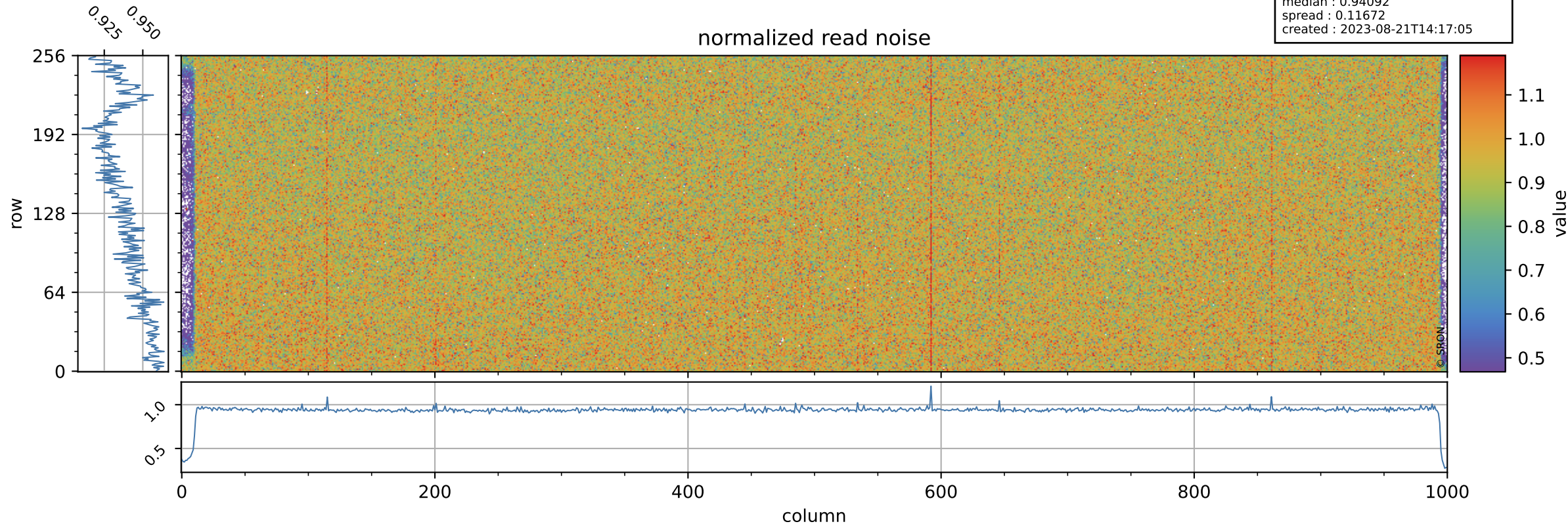
orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
median : 1.0579 e
spread : 0.07417 e
created : 2023-08-21T14:17:05

noise change (ratio of nominal noise and noise CKD)



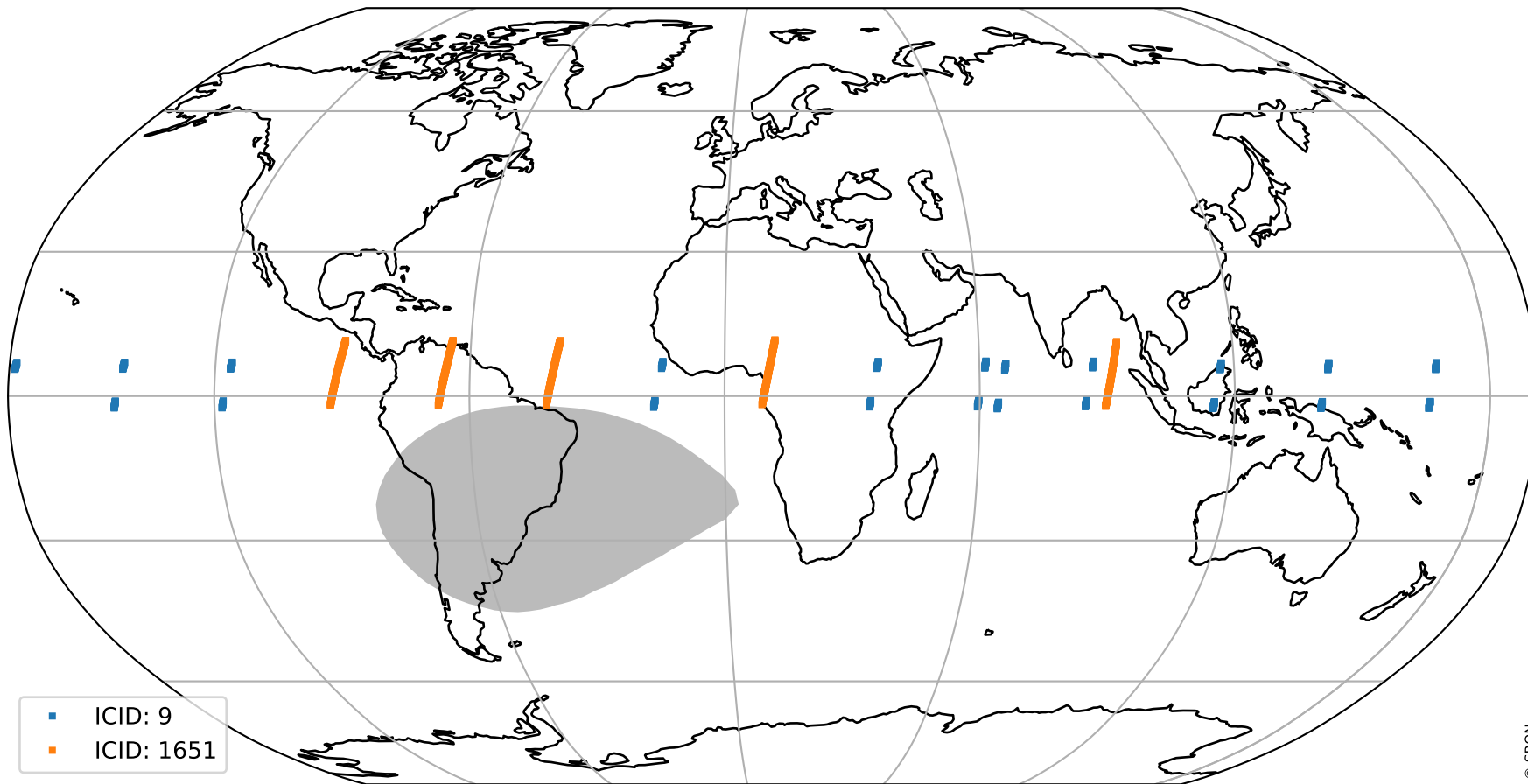
Tropomi SWIR background noise (swir)

orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
median : 0.94092
spread : 0.11672
created : 2023-08-21T14:17:05



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

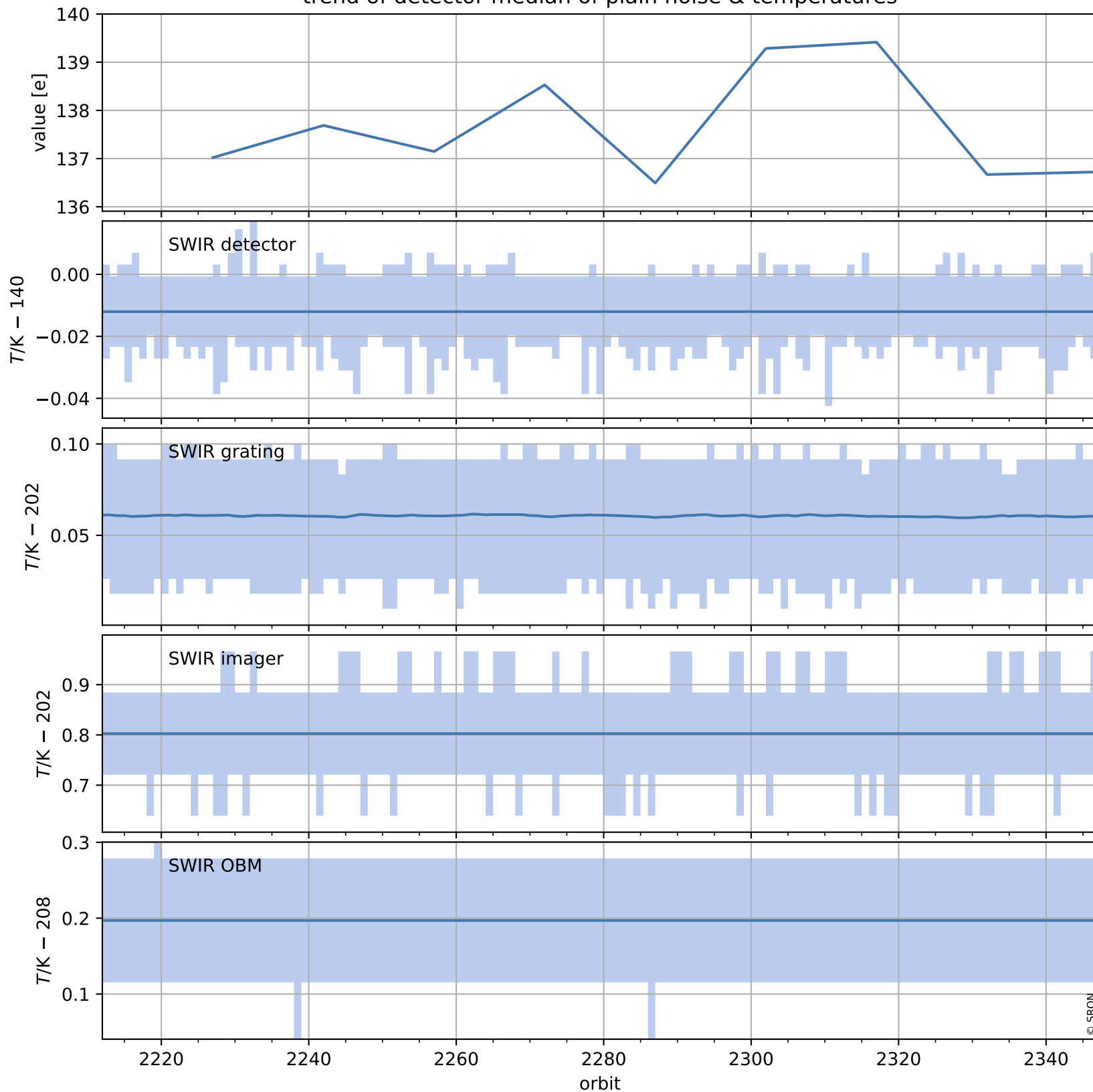
orbits : 11 in [2332, 2347]
coverage : 2018-03-26 / 2018-03-27
created : 2023-08-21T14:17:05



Tropomi SWIR background noise (swir)

orbits : [2212, 2347]
coverage : 2018-03-18 / 2018-03-27
created : 2023-08-21T14:17:05

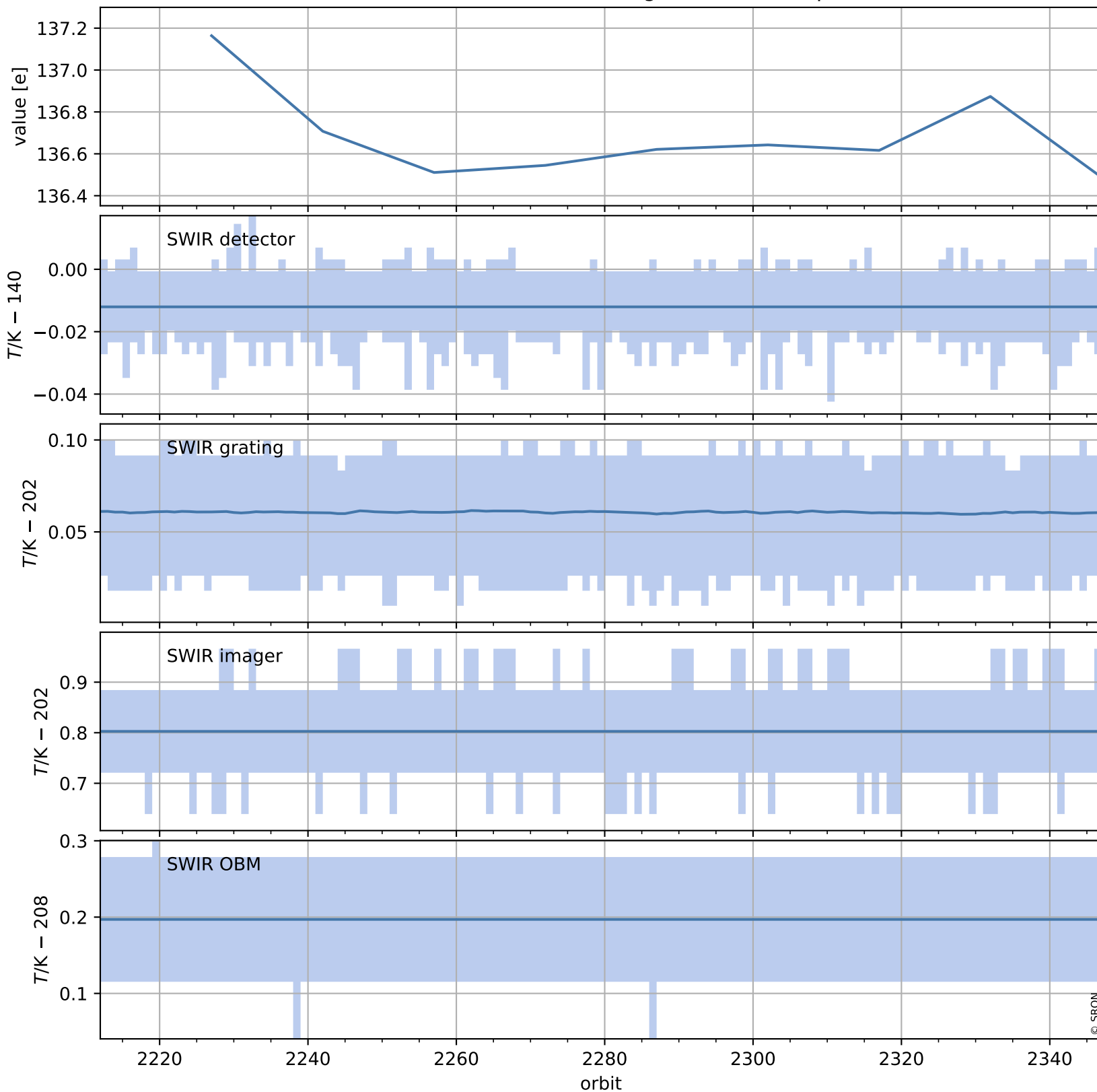
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2347]
coverage : 2018-03-18 / 2018-03-27
created : 2023-08-21T14:17:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2347]
coverage : 2018-03-18 / 2018-03-27
created : 2023-08-21T14:17:06

trend of normalized read-noise & temperatures

