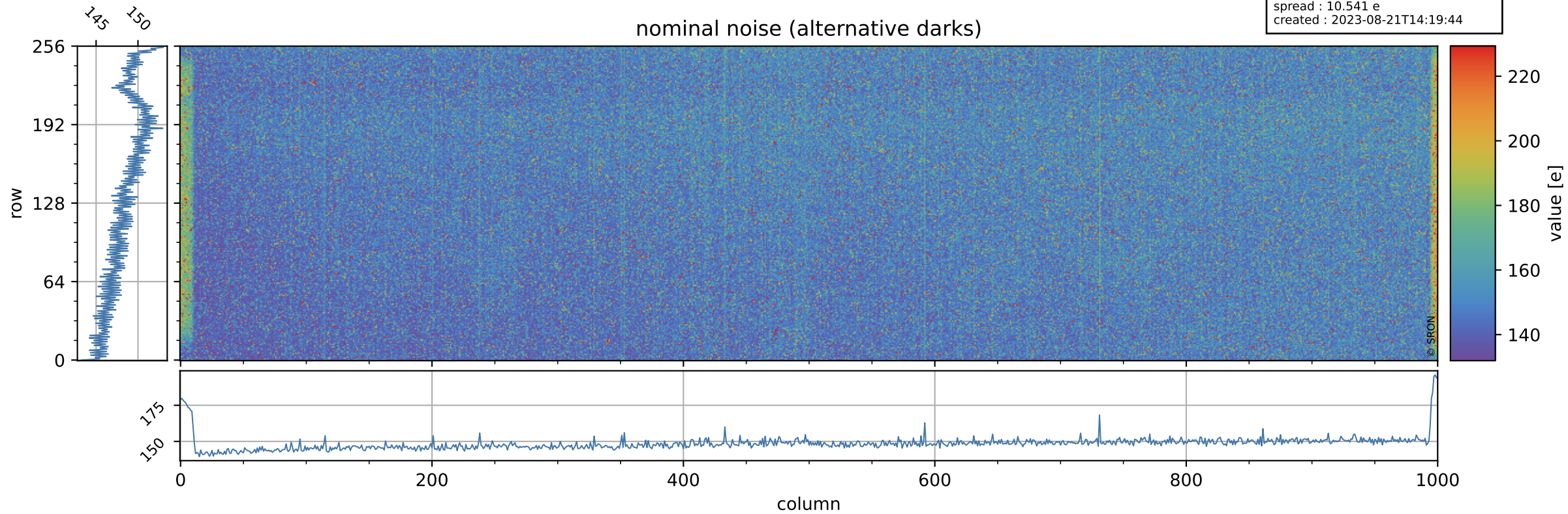


Tropomi SWIR background noise (swir)

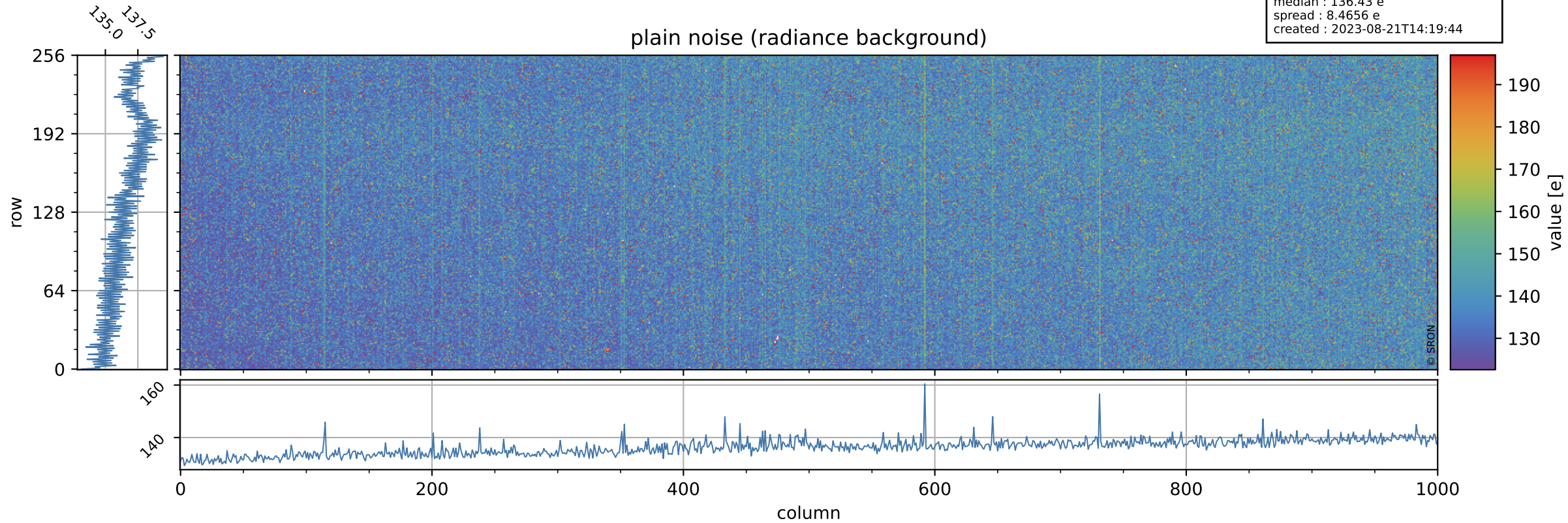
orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.541 e
created : 2023-08-21T14:19:44



Tropomi SWIR background noise (swir)

orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
n_coad, t_exp : 2, 0.5383
median : 136.43 e
spread : 8.4656 e
created : 2023-08-21T14:19:44

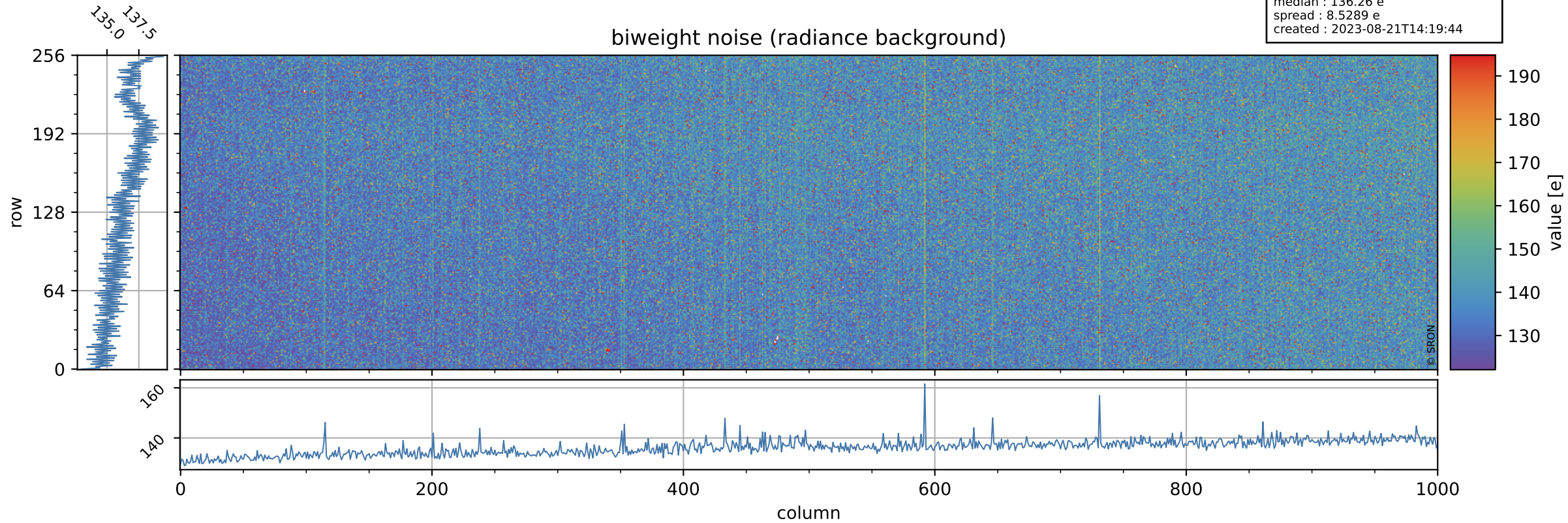
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.5289 e
created : 2023-08-21T14:19:44

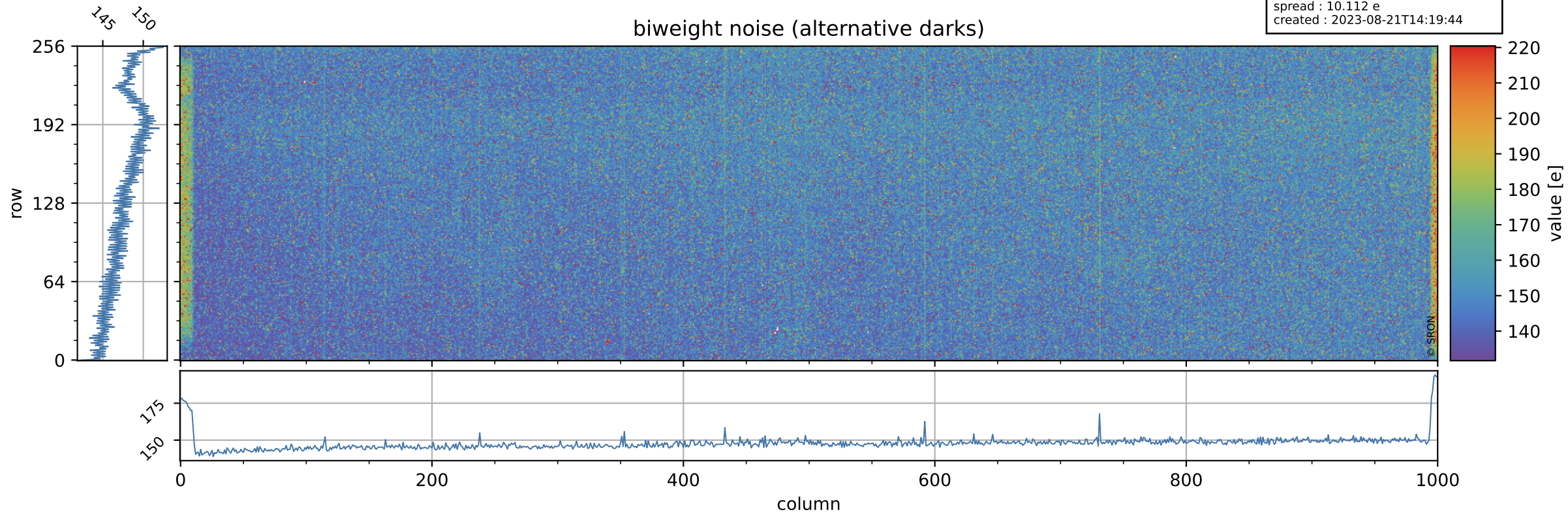
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 10.112 e
created : 2023-08-21T14:19:44

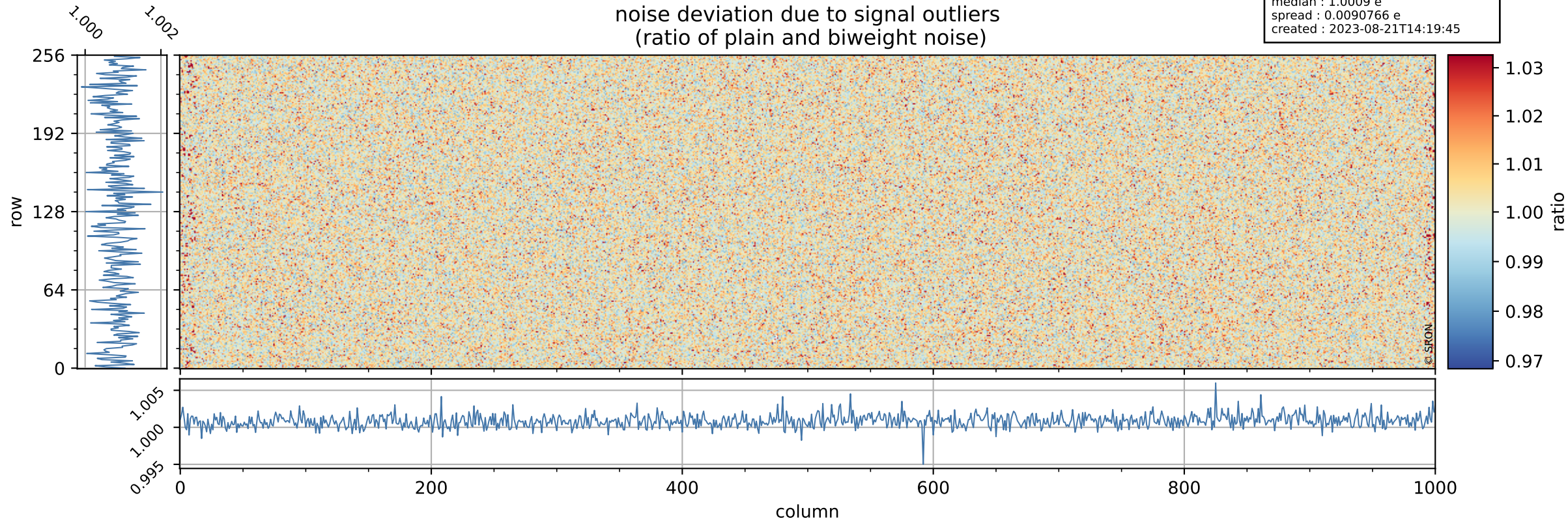
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

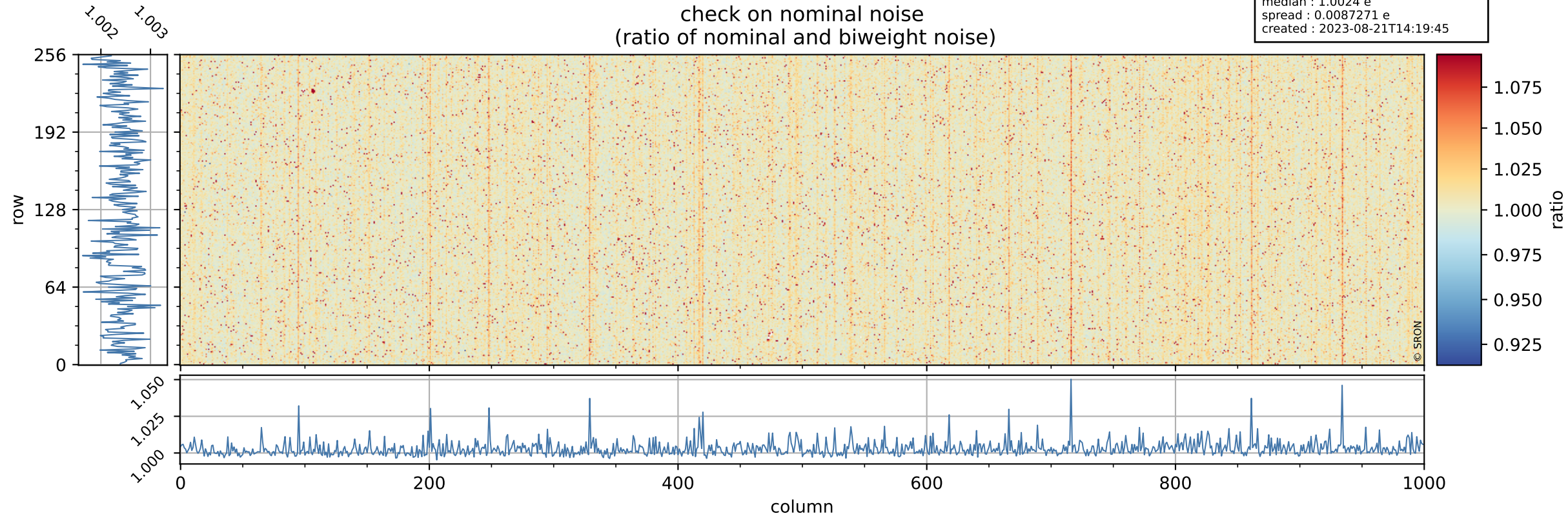
orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
median : 1.0009 e
spread : 0.0090766 e
created : 2023-08-21T14:19:45



Tropomi SWIR background noise (swir)

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

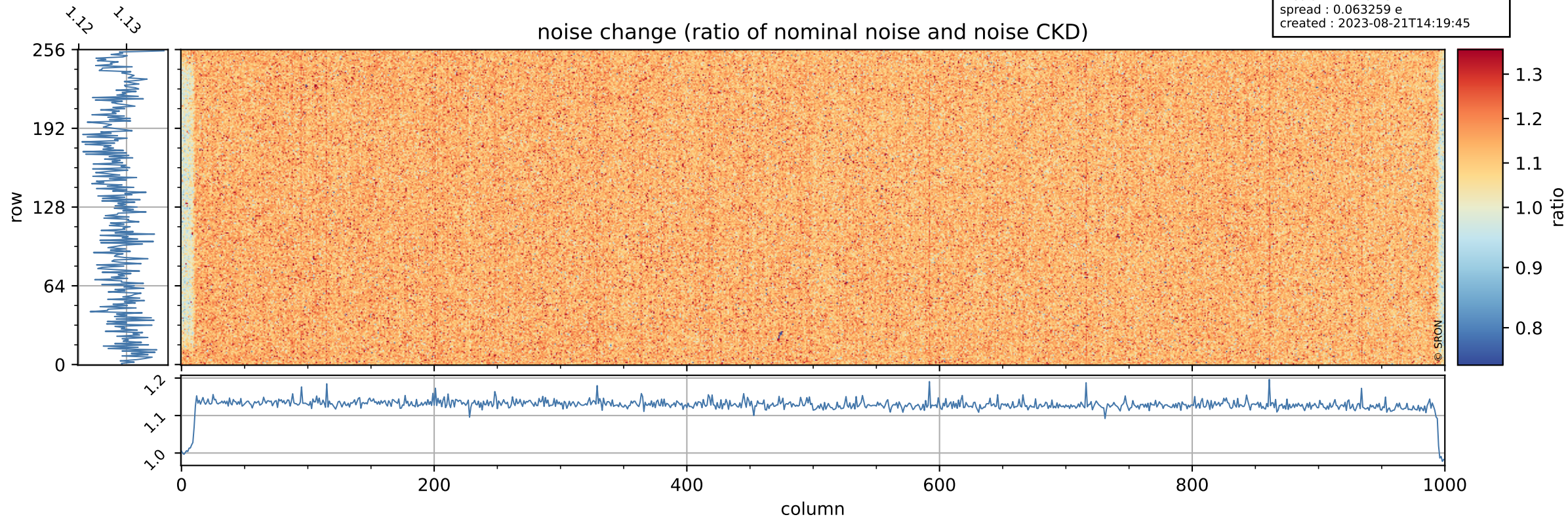
orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
median : 1.0024 e
spread : 0.0087271 e
created : 2023-08-21T14:19:45



Tropomi SWIR background noise (swir)

orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
median : 1.1284 e
spread : 0.063259 e
created : 2023-08-21T14:19:45

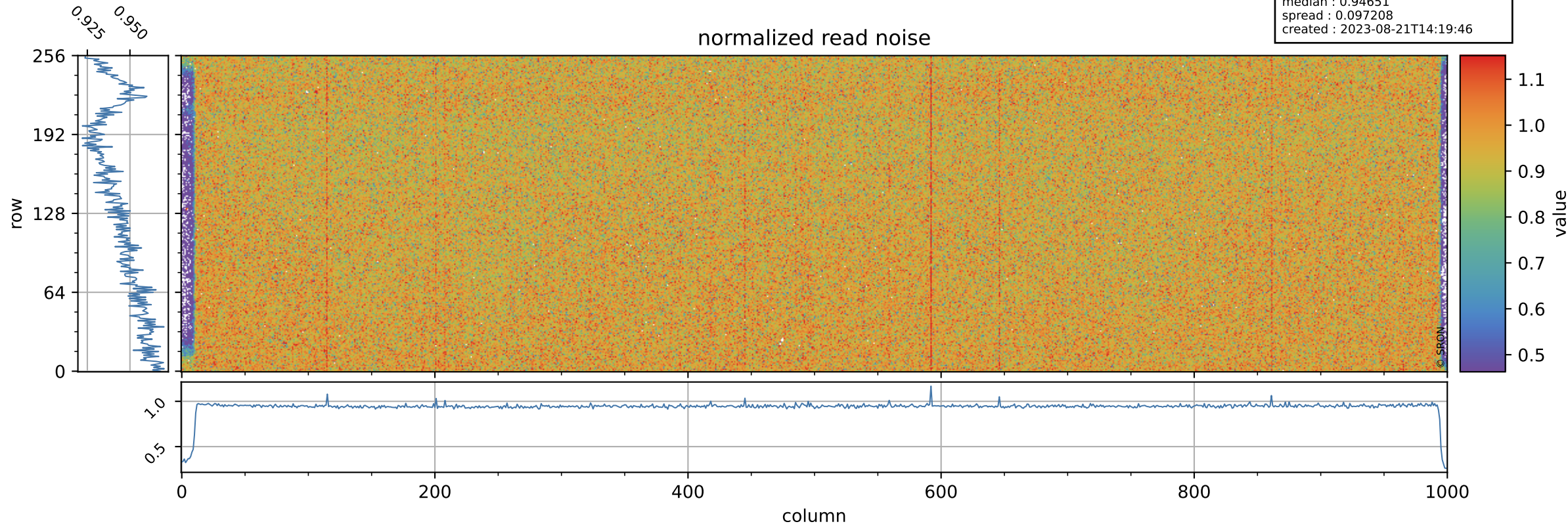
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

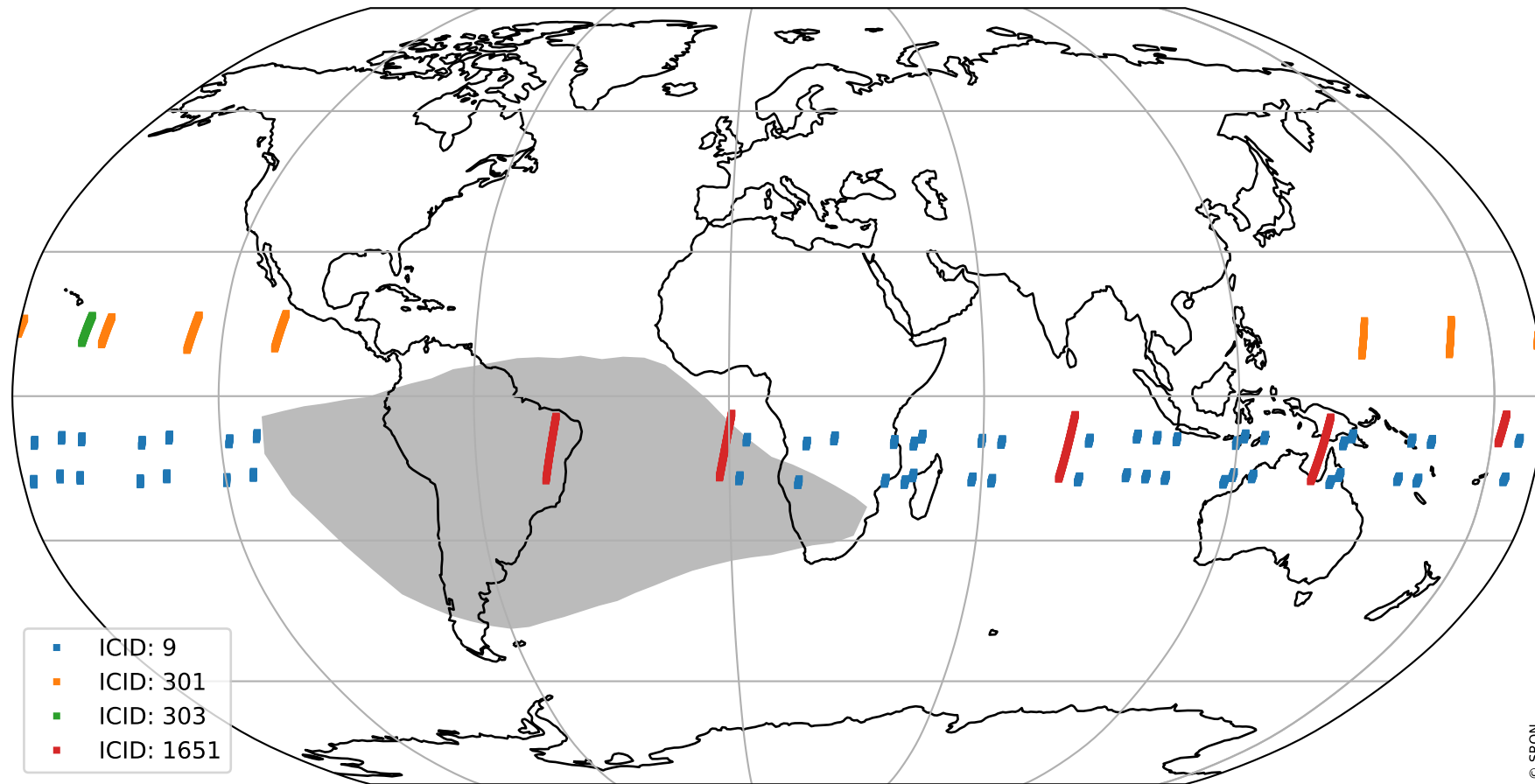
orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
median : 0.94651
spread : 0.097208
created : 2023-08-21T14:19:46

normalized read noise



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

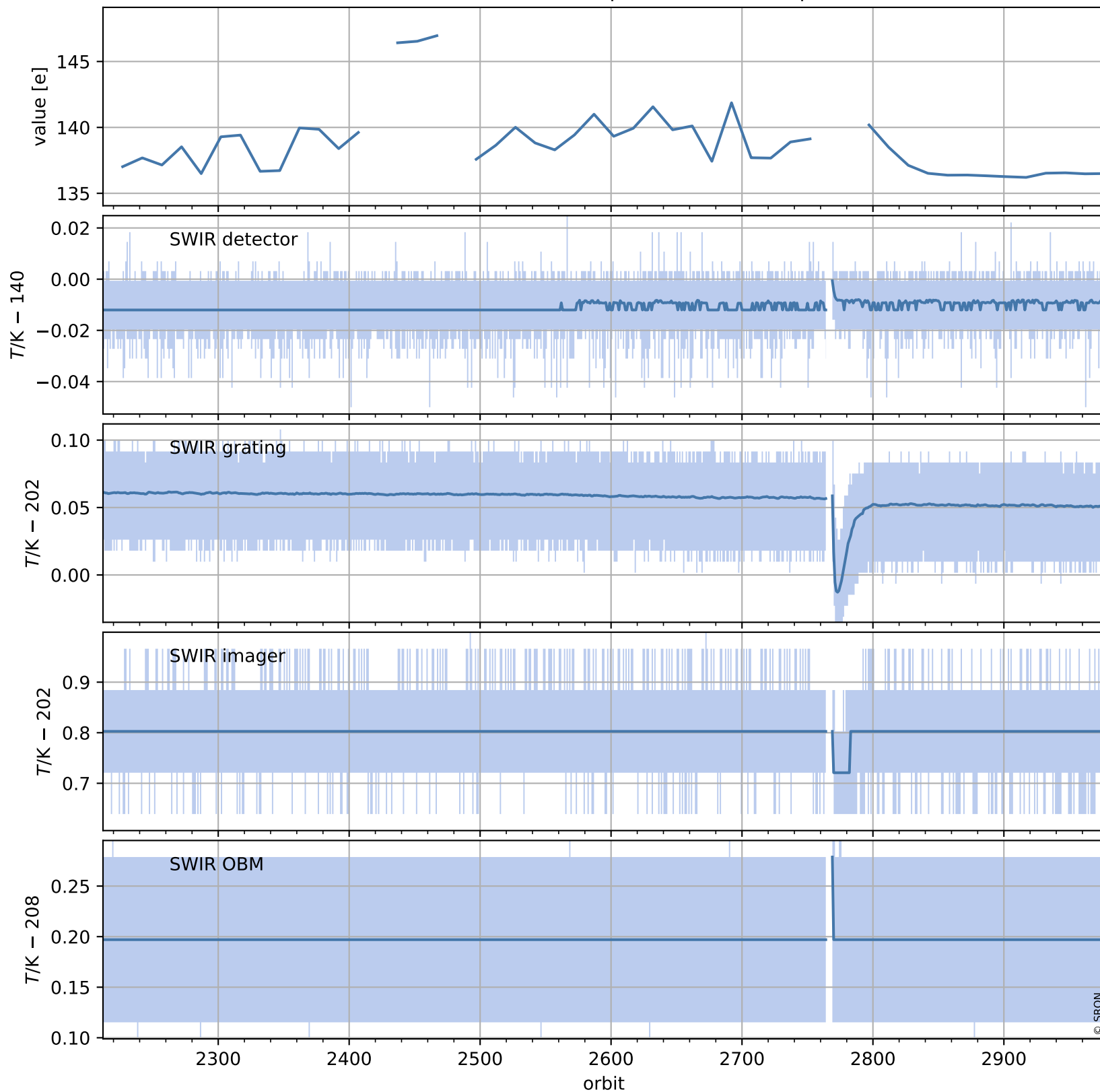
orbits : 12 in [2902, 2977]
coverage : 2018-05-05 / 2018-05-10
created : 2023-08-21T14:19:46



Tropomi SWIR background noise (swir)

orbits : [2212, 2977]
coverage : 2018-03-18 / 2018-05-10
created : 2023-08-21T14:19:46

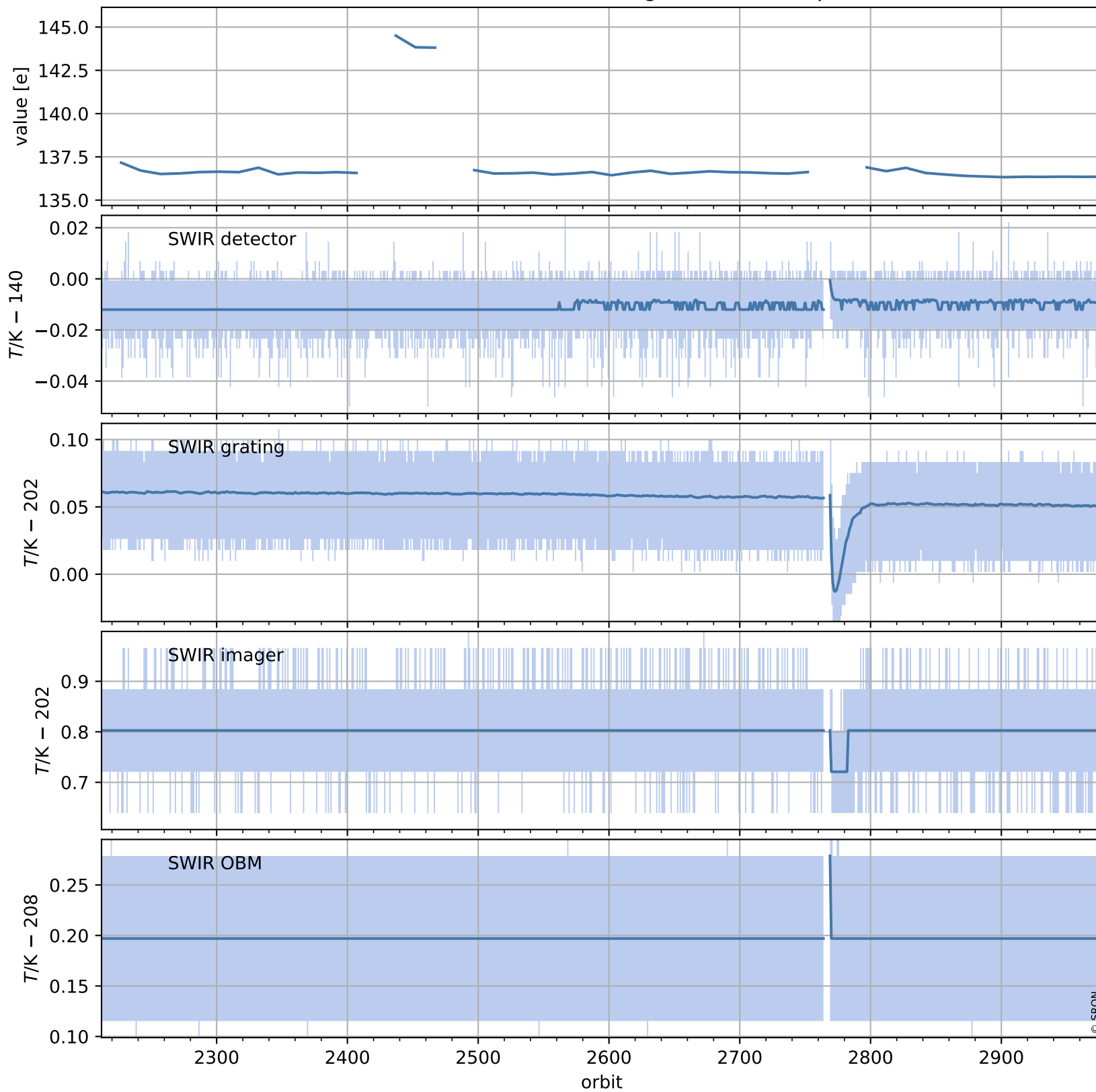
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2977]
coverage : 2018-03-18 / 2018-05-10
created : 2023-08-21T14:19:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2977]
coverage : 2018-03-18 / 2018-05-10
created : 2023-08-21T14:19:47

trend of normalized read-noise & temperatures

