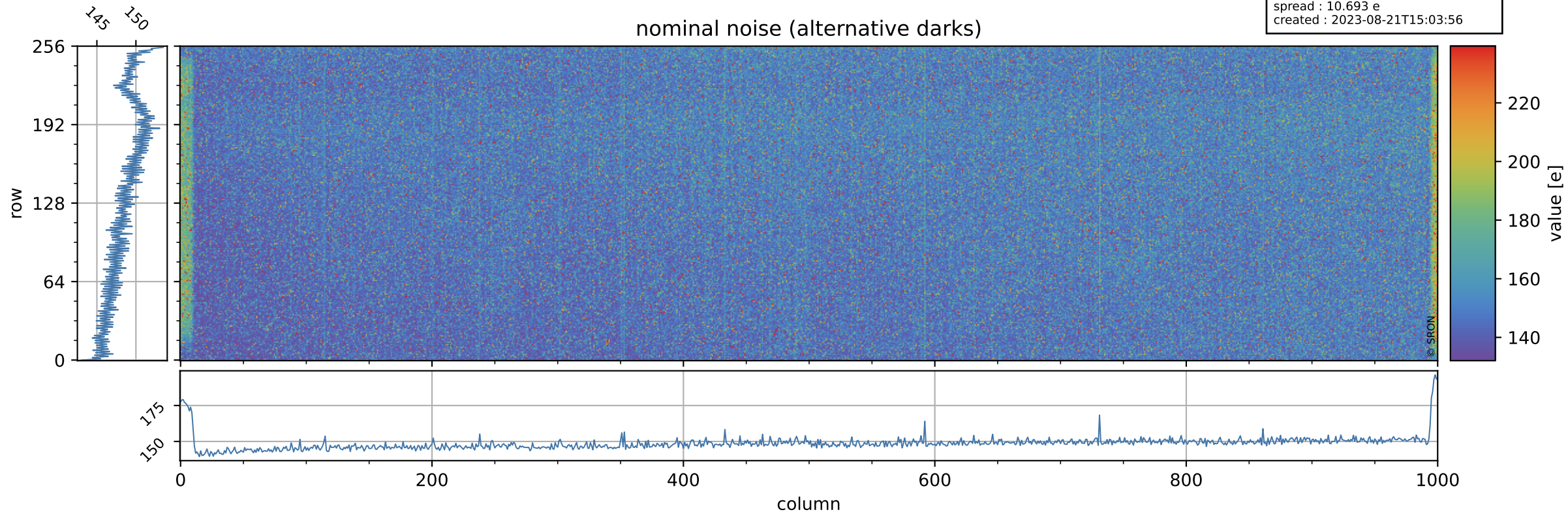


Tropomi SWIR background noise (swir)

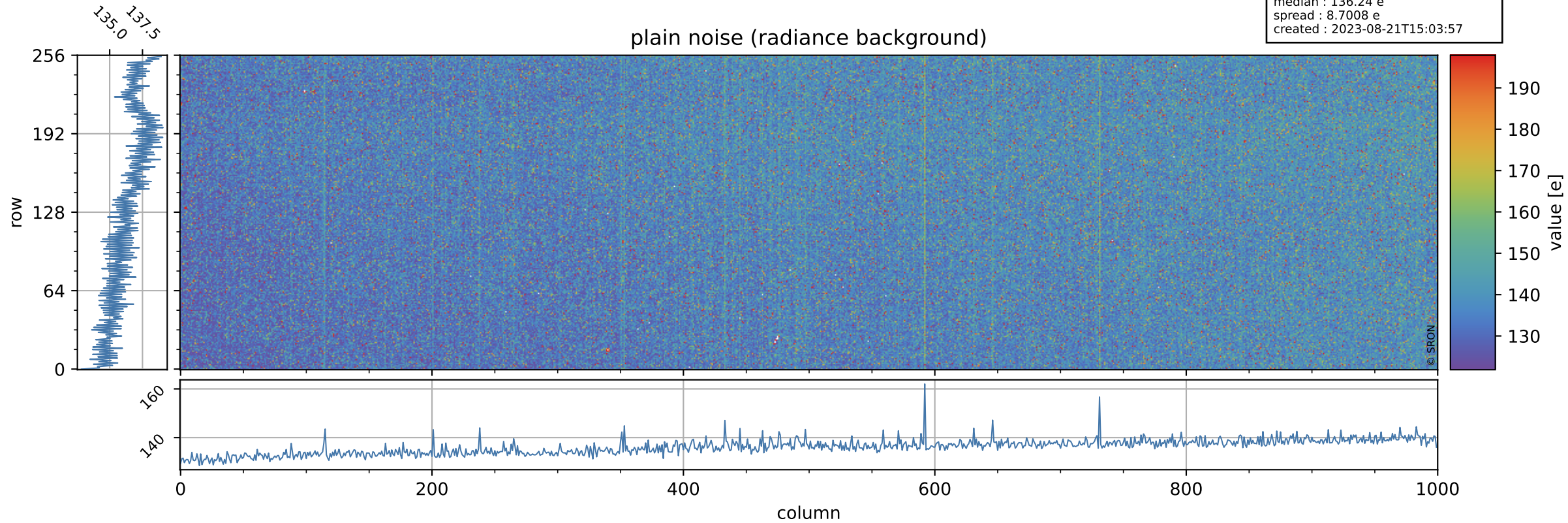
orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.693 e
created : 2023-08-21T15:03:56



Tropomi SWIR background noise (swir)

orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.7008 e
created : 2023-08-21T15:03:57

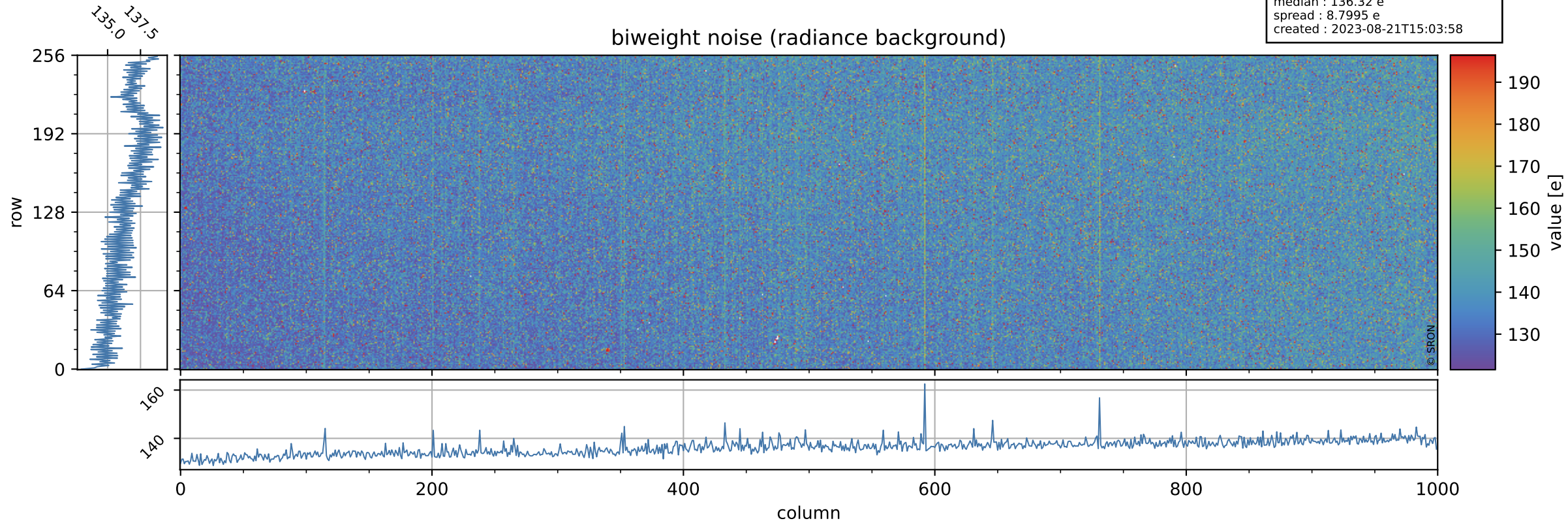
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
n_coad, t_exp : 2, 0.5383
median : 136.32 e
spread : 8.7995 e
created : 2023-08-21T15:03:58

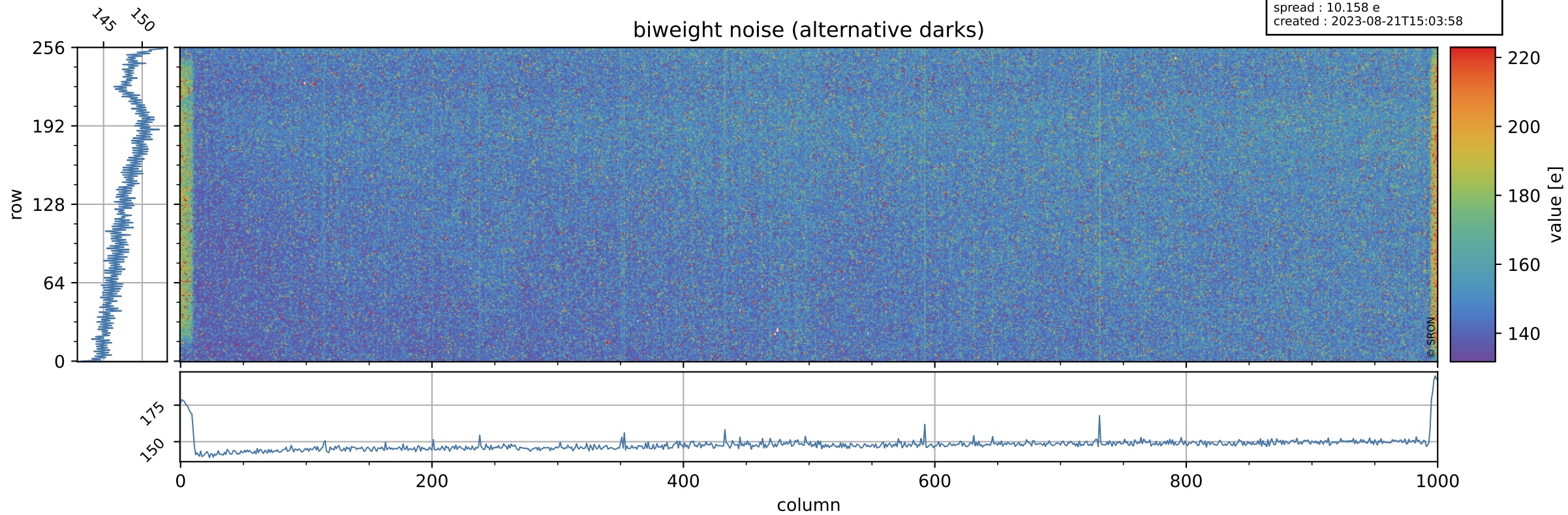
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.158 e
created : 2023-08-21T15:03:58

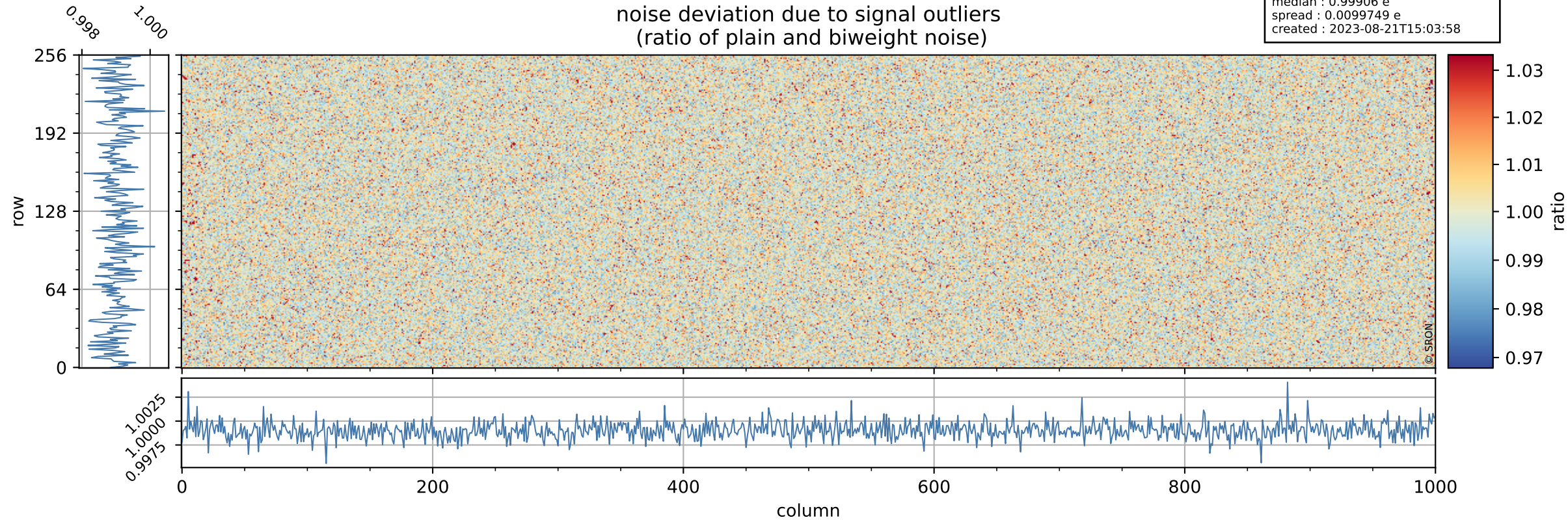
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

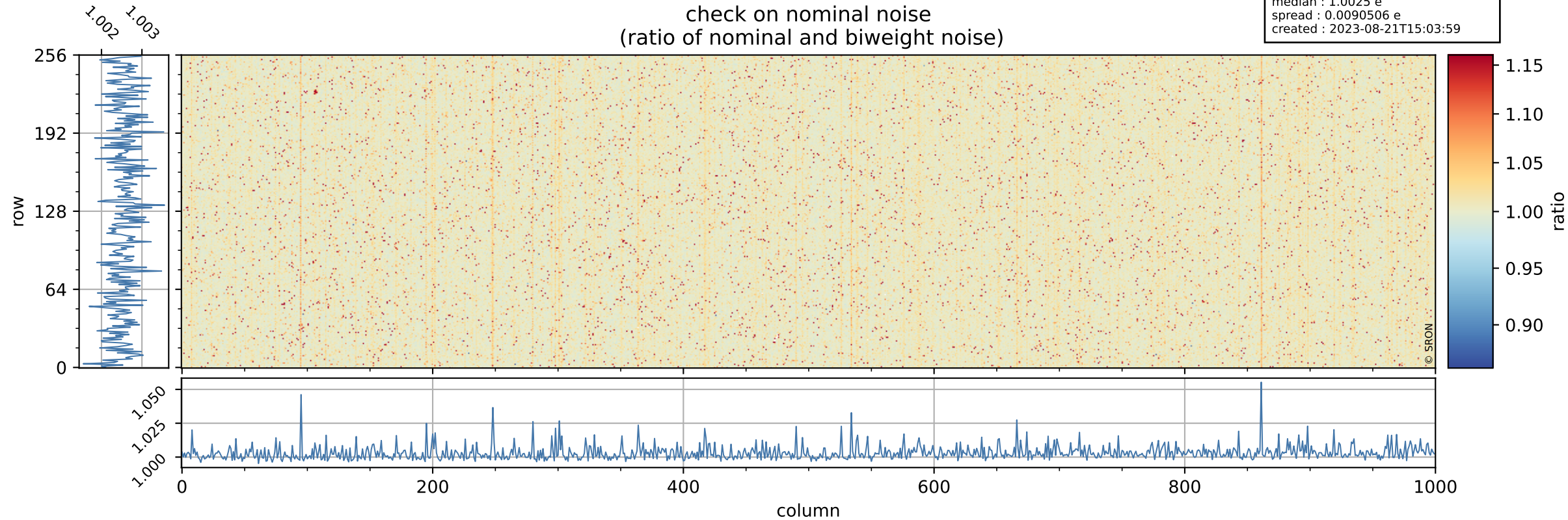
orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
median : 0.99906 e
spread : 0.0099749 e
created : 2023-08-21T15:03:58



Tropomi SWIR background noise (swir)

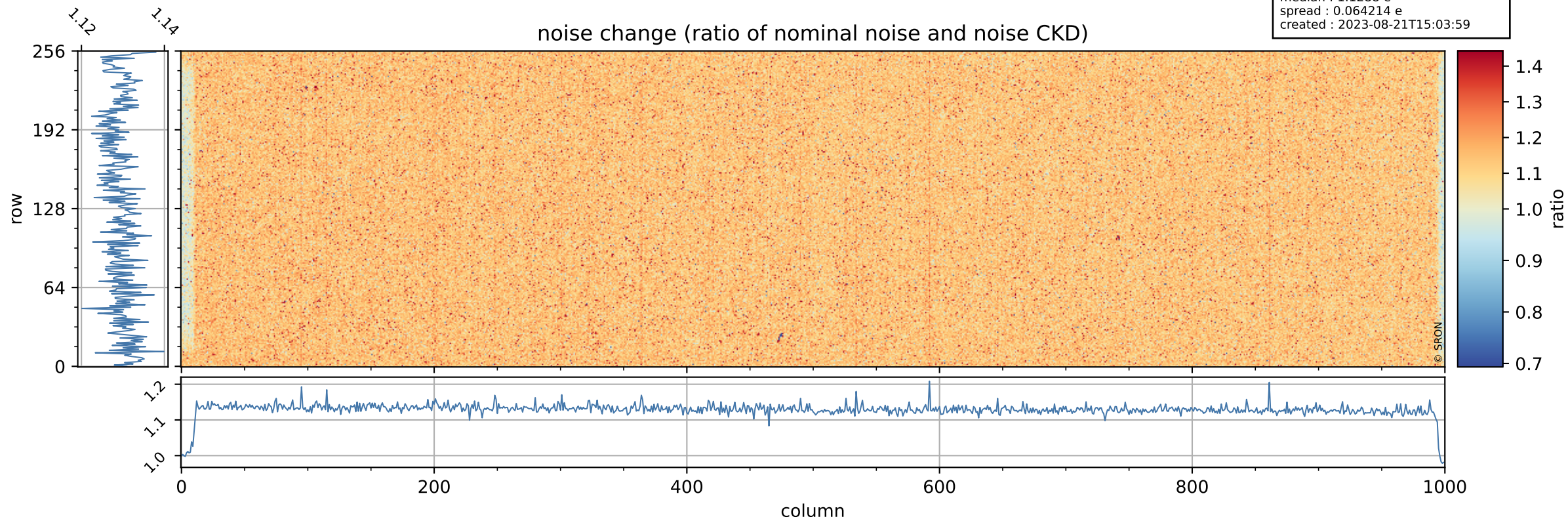
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
median : 1.0025 e
spread : 0.0090506 e
created : 2023-08-21T15:03:59



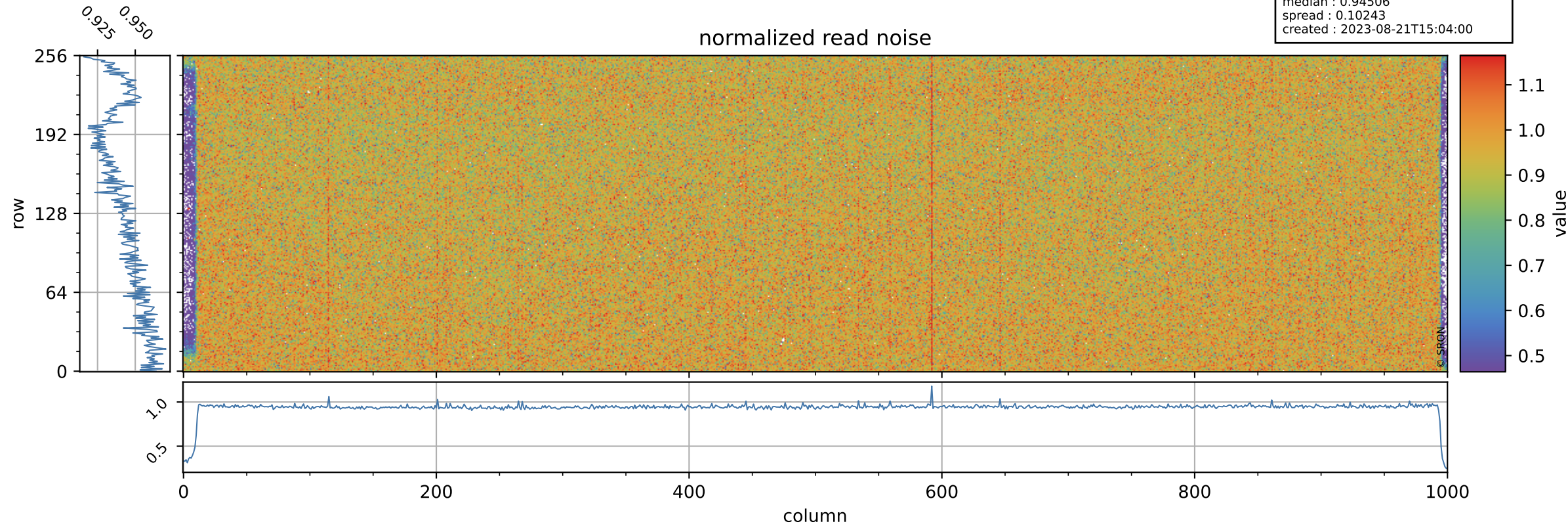
Tropomi SWIR background noise (swir)

orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
median : 1.1288 e
spread : 0.064214 e
created : 2023-08-21T15:03:59



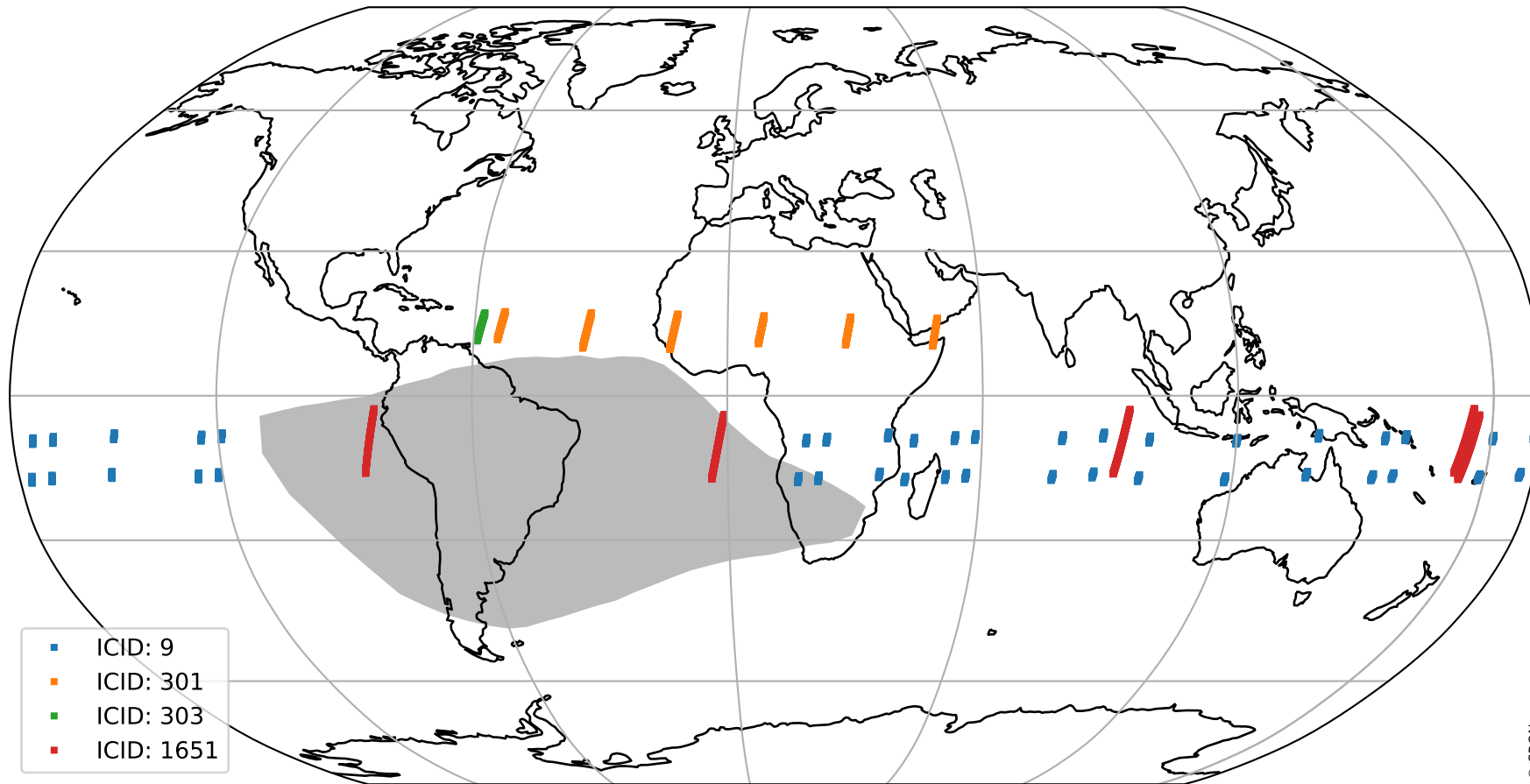
Tropomi SWIR background noise (swir)

orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
median : 0.94506
spread : 0.10243
created : 2023-08-21T15:04:00



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

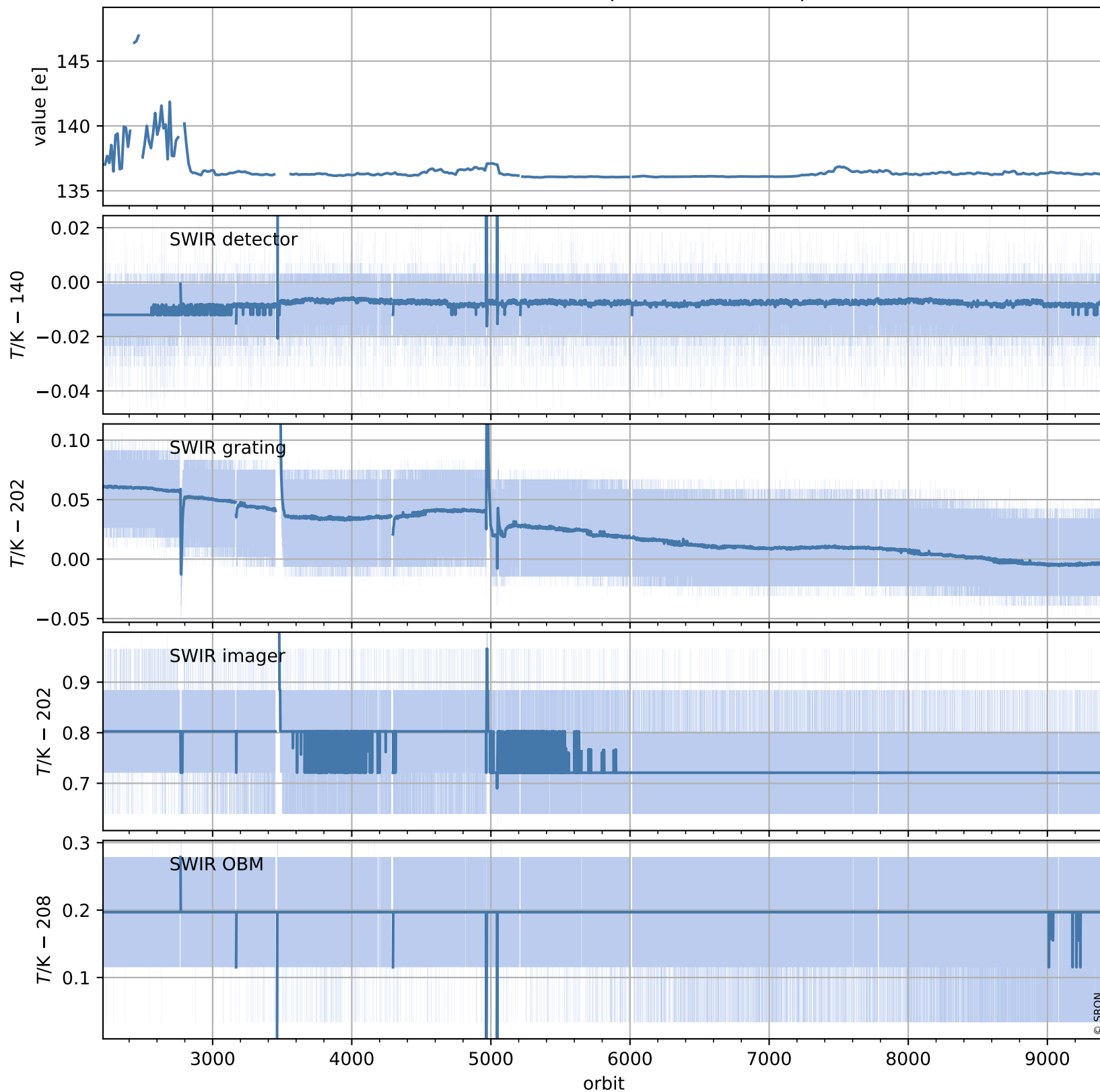
orbits : 12 in [9322, 9412]
coverage : 2019-08-01 / 2019-08-07
created : 2023-08-21T15:04:00



Tropomi SWIR background noise (swir)

orbits : [2212, 9412]
coverage : 2018-03-18 / 2019-08-07
created : 2023-08-21T15:04:01

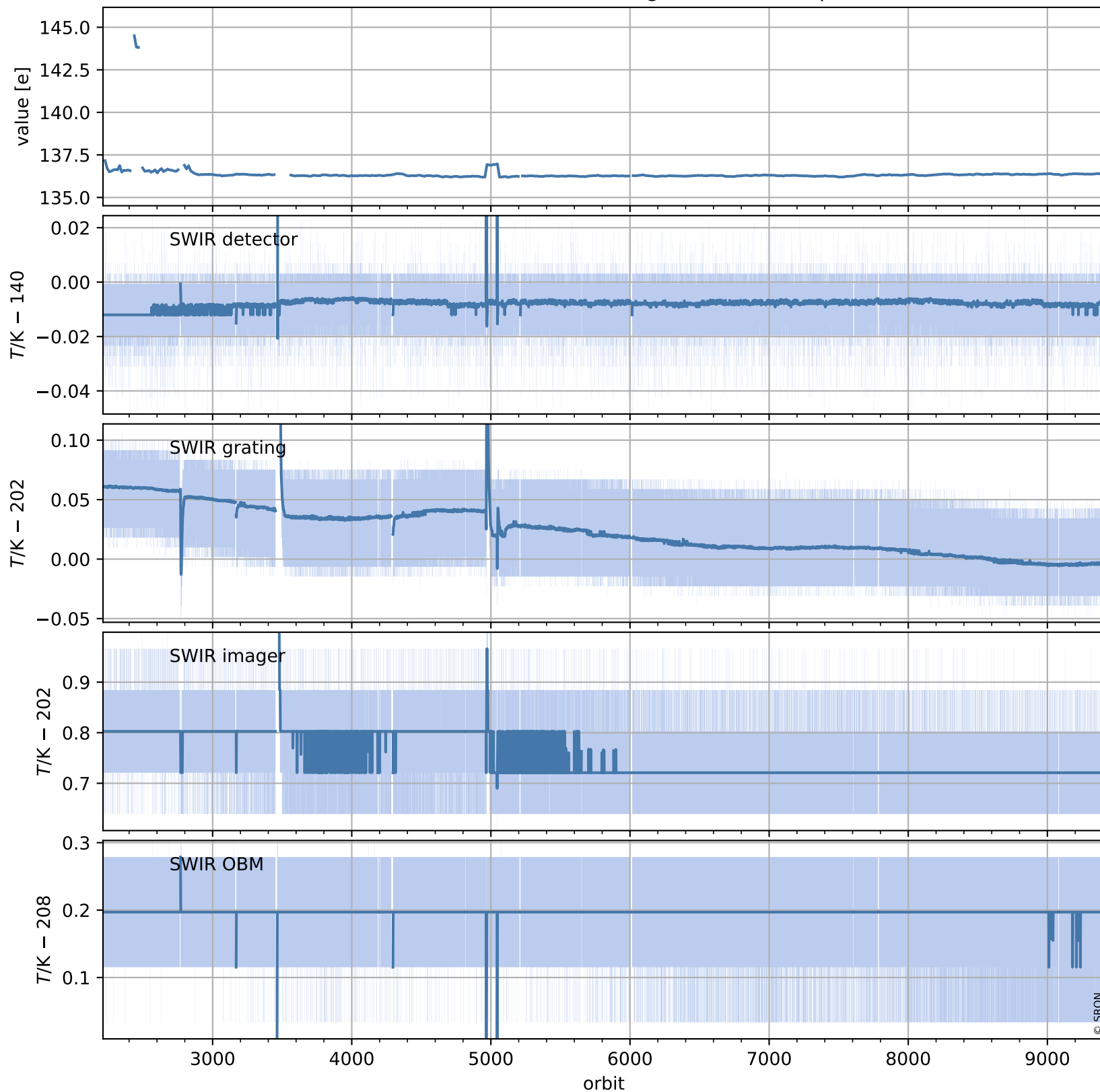
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9412]
coverage : 2018-03-18 / 2019-08-07
created : 2023-08-21T15:04:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9412]
coverage : 2018-03-18 / 2019-08-07
created : 2023-08-21T15:04:02

trend of normalized read-noise & temperatures

