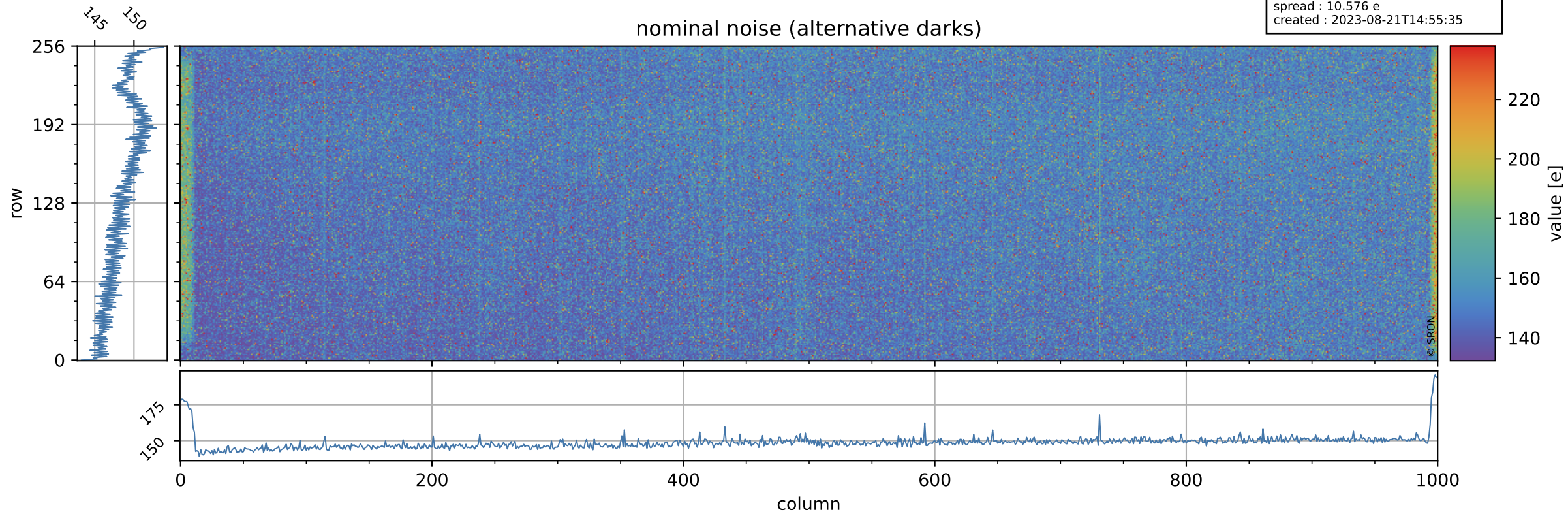


Tropomi SWIR background noise (swir)

orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
n_coad, t_exp : 1, 1.0783
median : 148.47 e
spread : 10.576 e
created : 2023-08-21T14:55:35

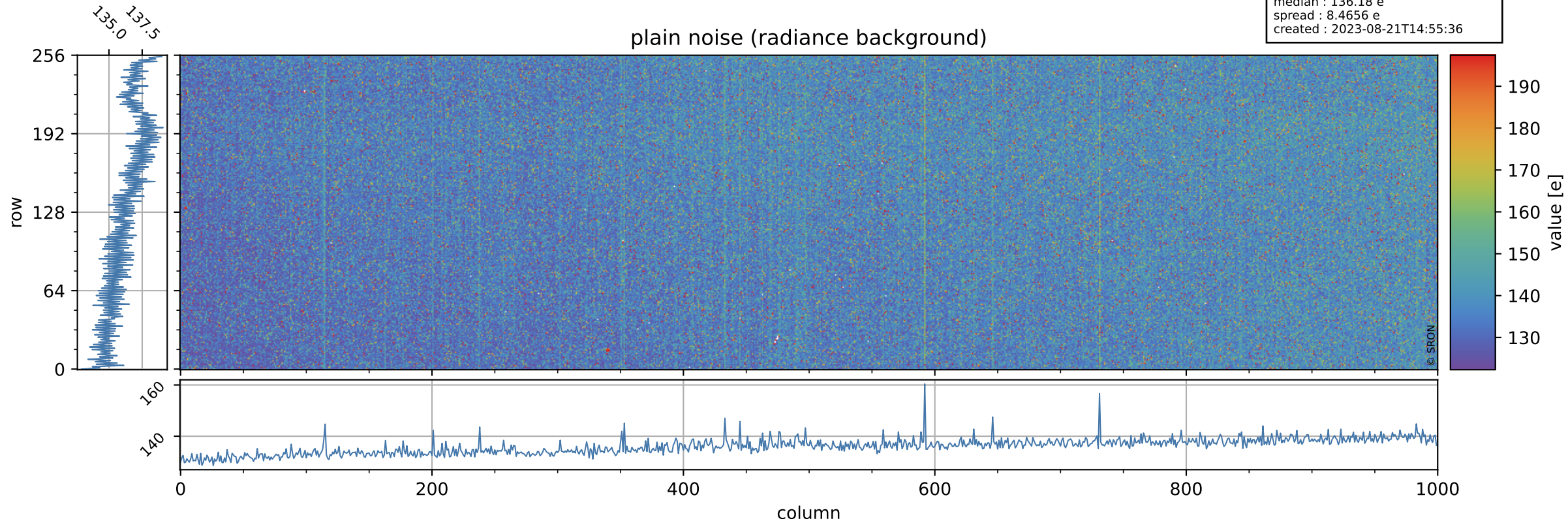
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4656 e
created : 2023-08-21T14:55:36

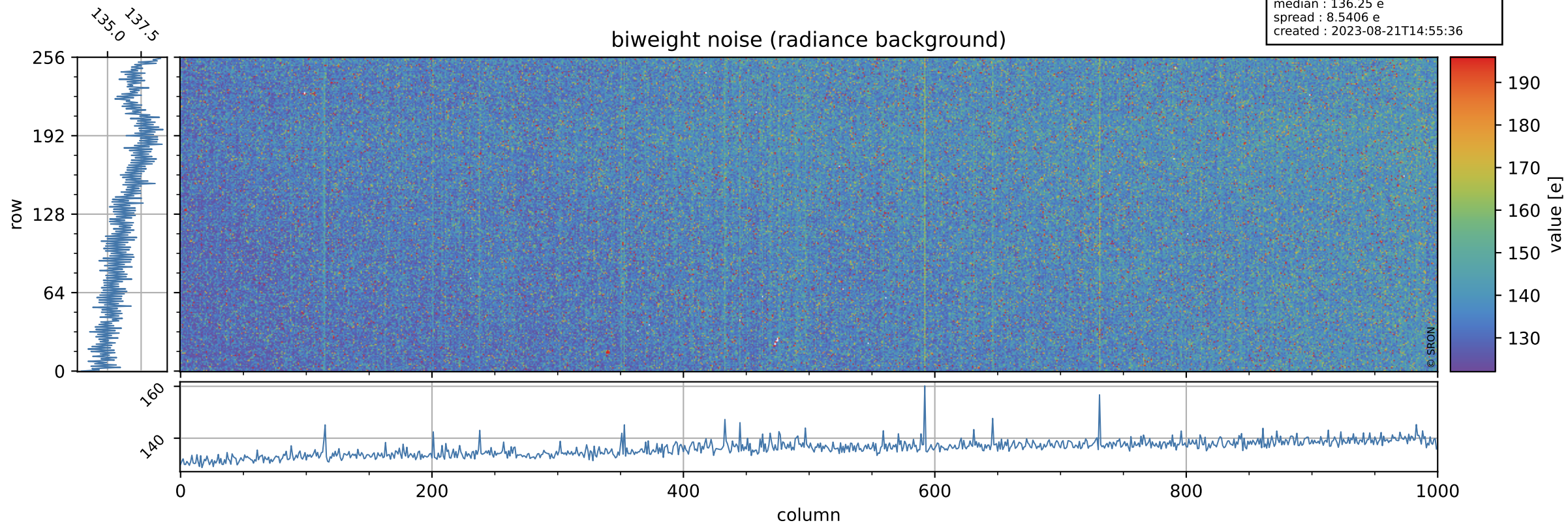
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5406 e
created : 2023-08-21T14:55:36

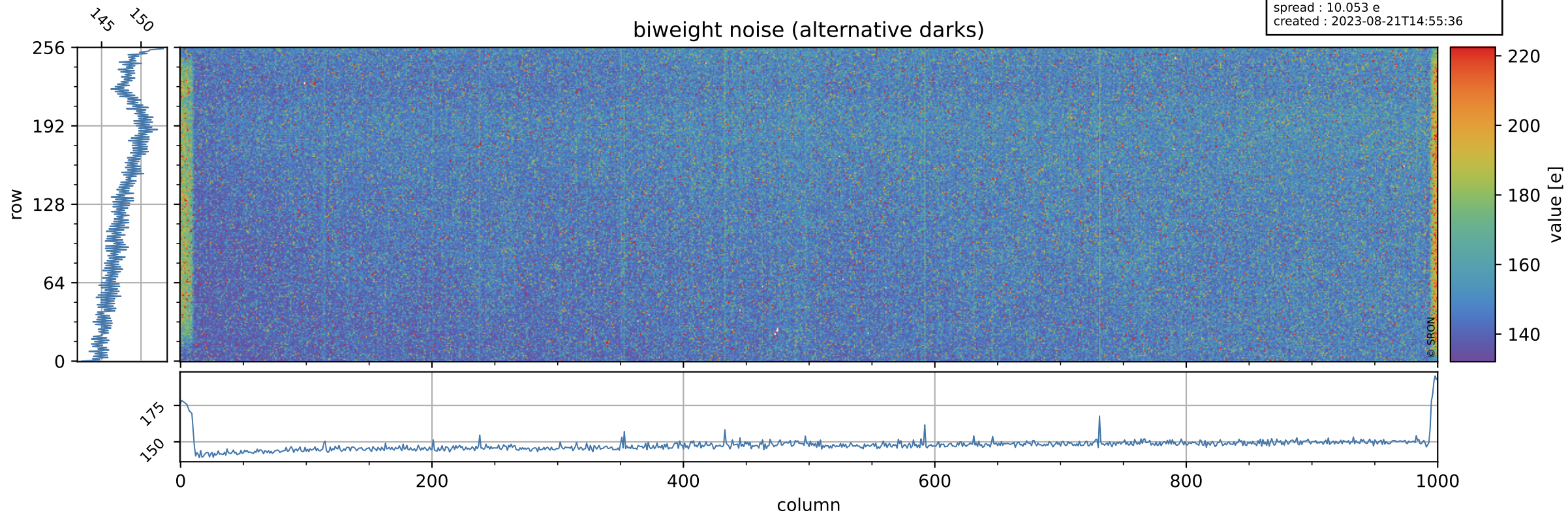
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.053 e
created : 2023-08-21T14:55:36

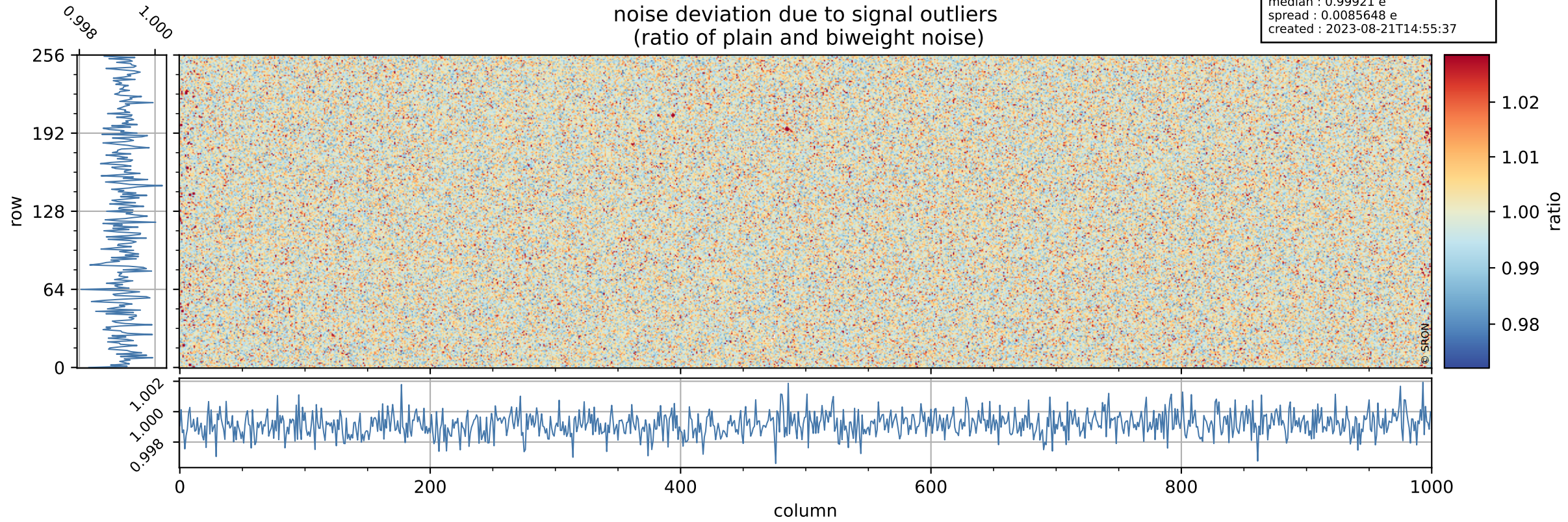
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

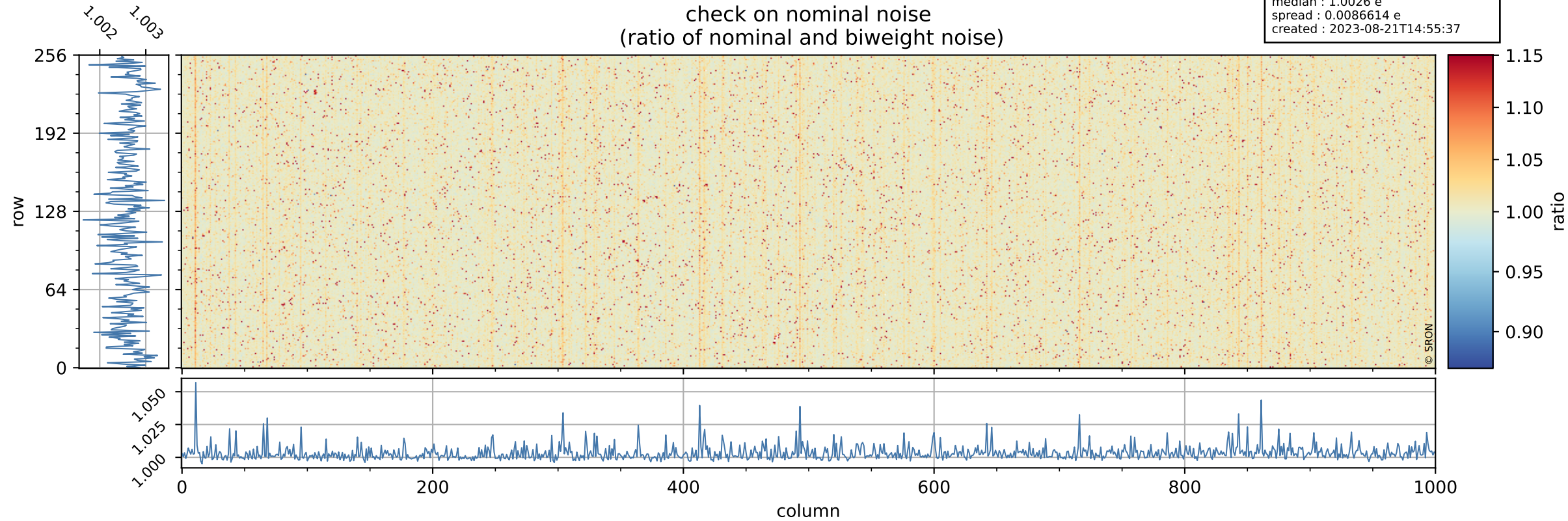
orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
median : 0.99921 e
spread : 0.0085648 e
created : 2023-08-21T14:55:37



Tropomi SWIR background noise (swir)

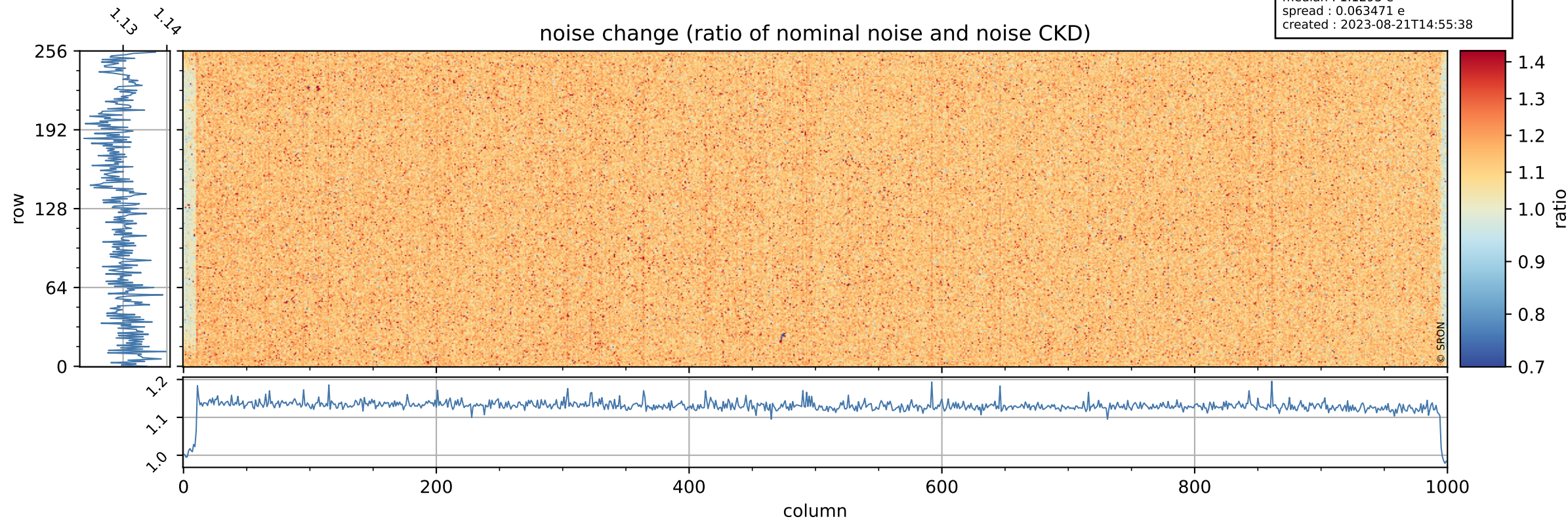
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
median : 1.0026 e
spread : 0.0086614 e
created : 2023-08-21T14:55:37



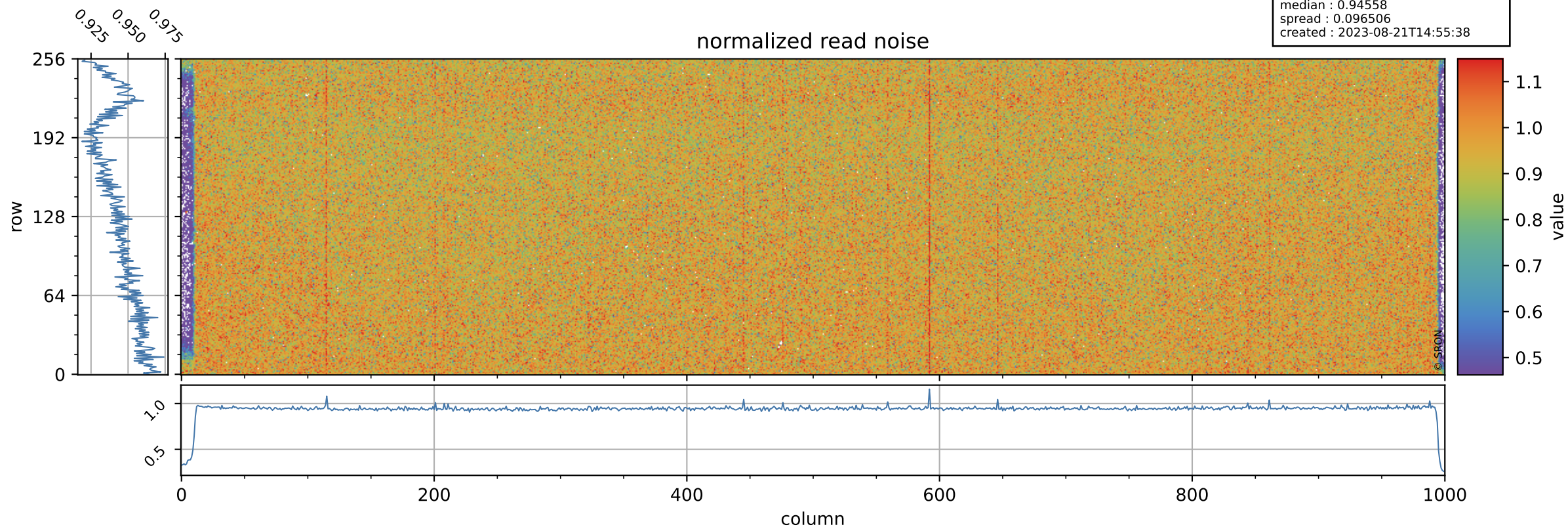
Tropomi SWIR background noise (swir)

orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
median : 1.1293 e
spread : 0.063471 e
created : 2023-08-21T14:55:38



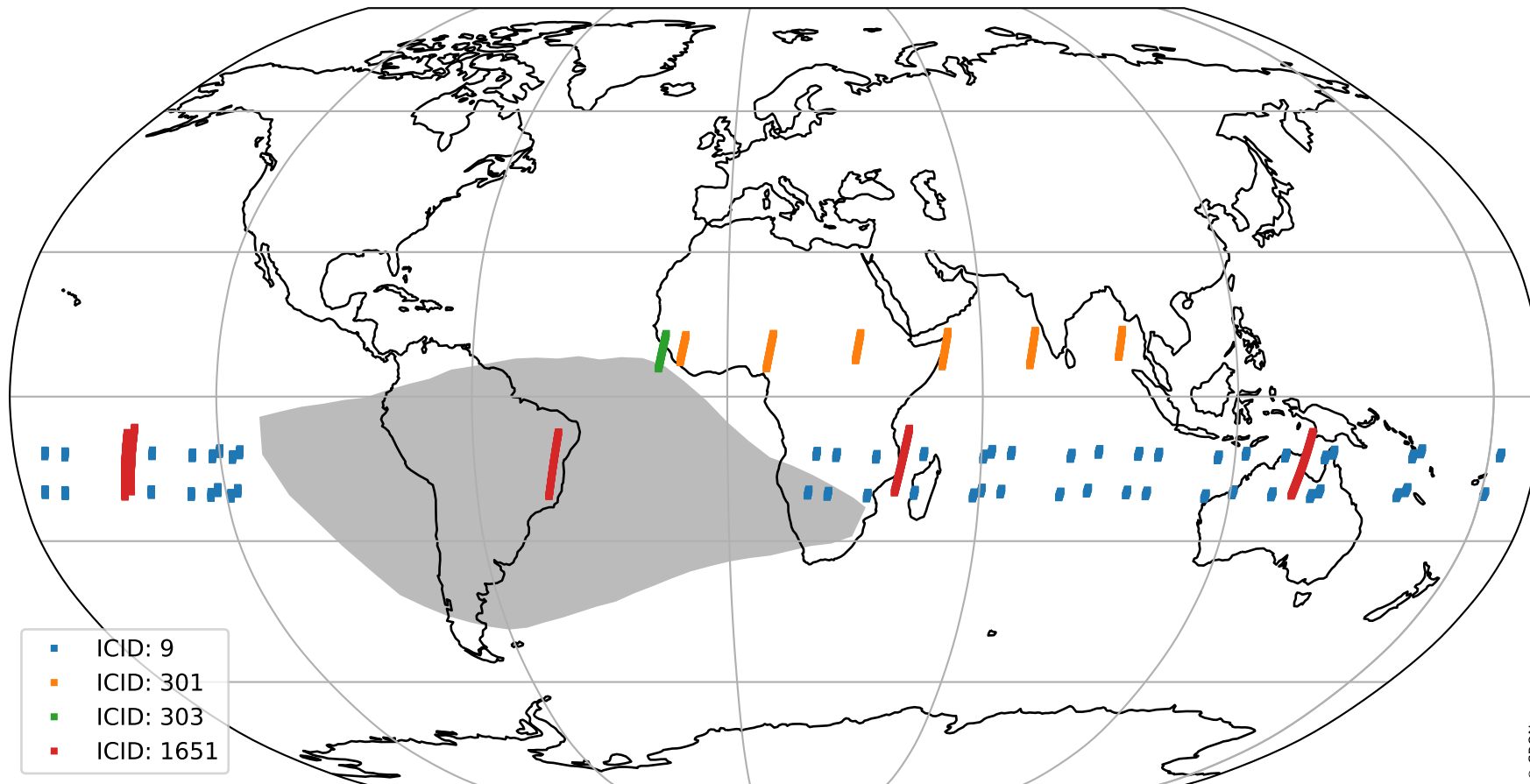
Tropomi SWIR background noise (swir)

orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
median : 0.94558
spread : 0.096506
created : 2023-08-21T14:55:38



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

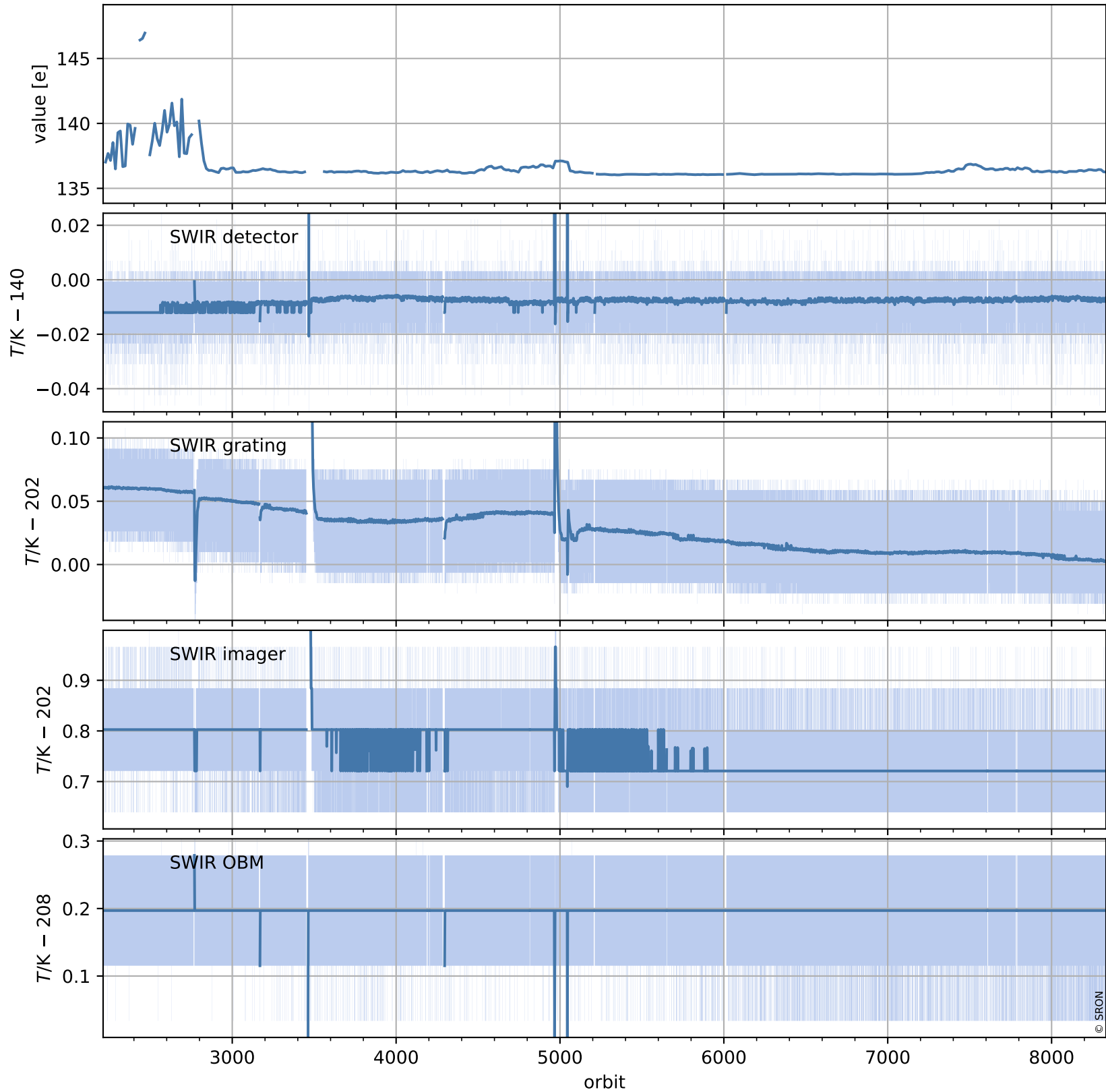
orbits : 12 in [8242, 8332]
coverage : 2019-05-17 / 2019-05-23
created : 2023-08-21T14:55:38



Tropomi SWIR background noise (swir)

orbits : [2212, 8332]
coverage : 2018-03-18 / 2019-05-23
created : 2023-08-21T14:55:39

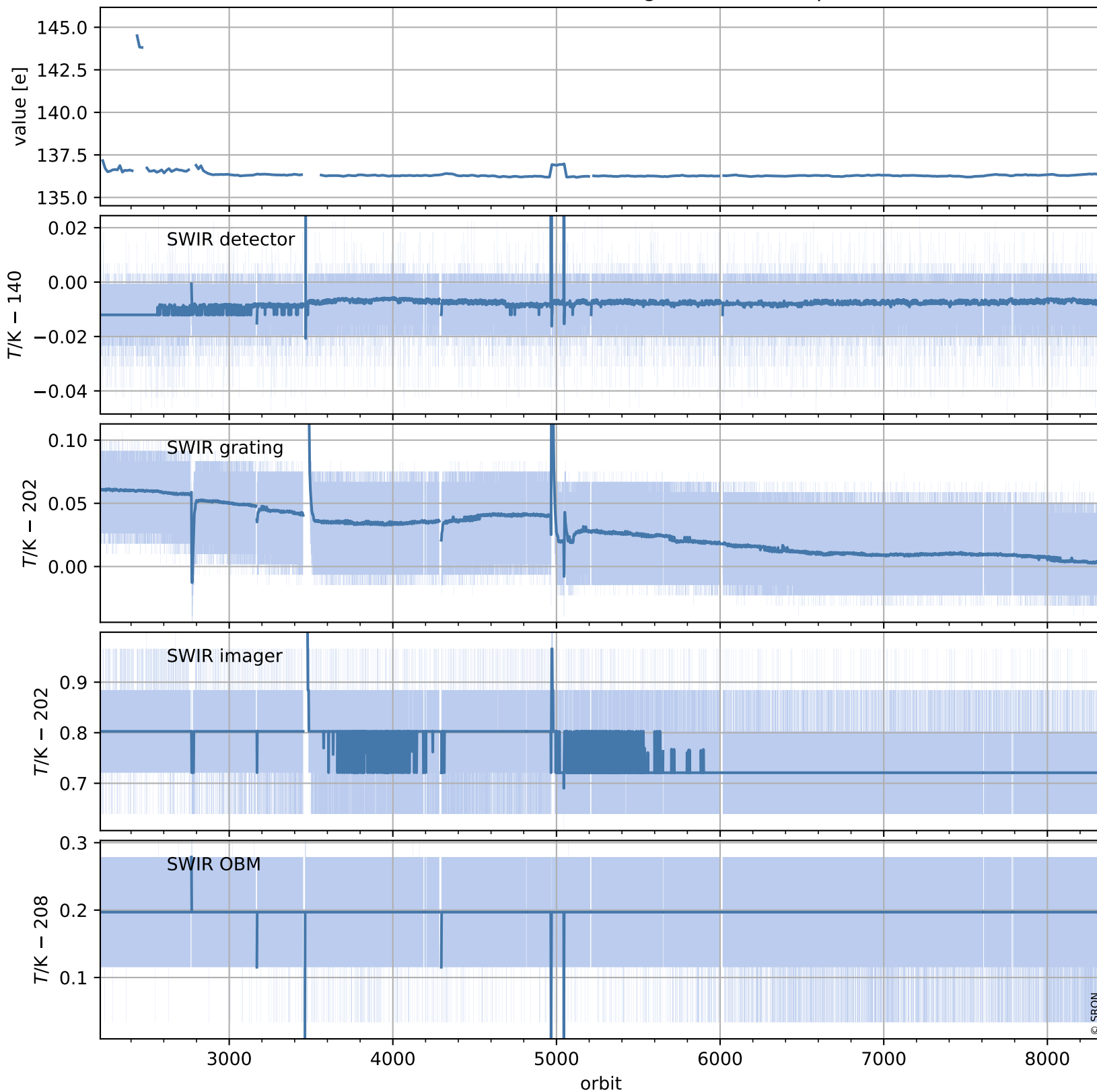
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8332]
coverage : 2018-03-18 / 2019-05-23
created : 2023-08-21T14:55:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8332]
coverage : 2018-03-18 / 2019-05-23
created : 2023-08-21T14:55:40

trend of normalized read-noise & temperatures

