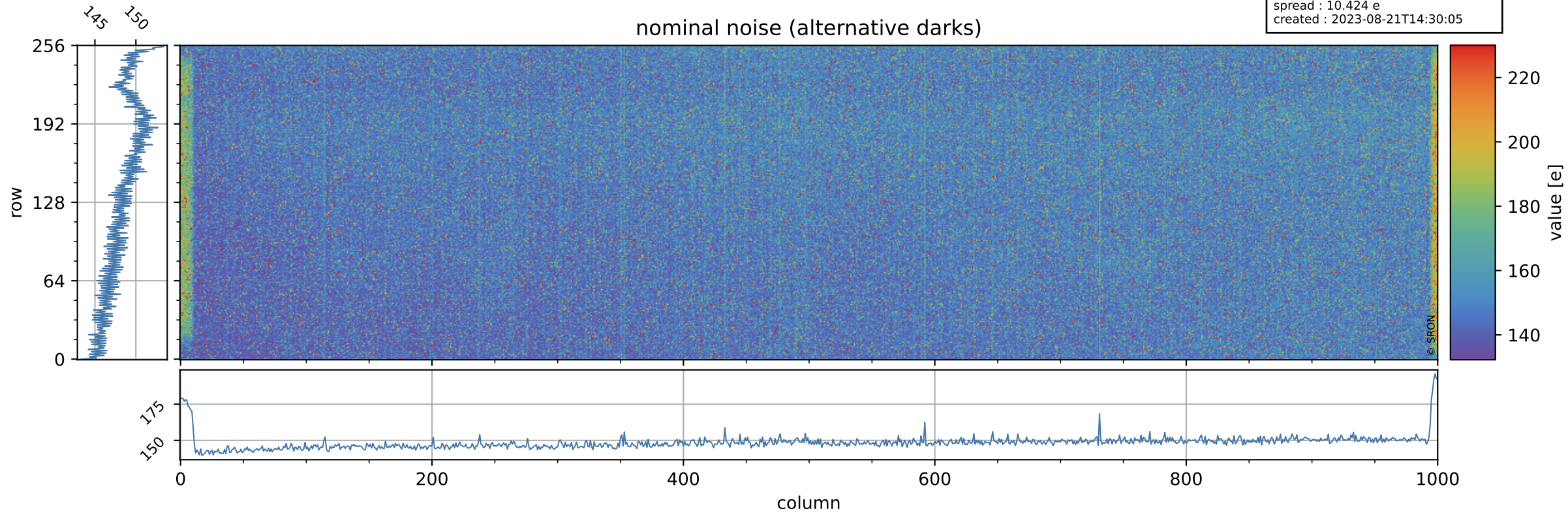


Tropomi SWIR background noise (swir)

orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.424 e
created : 2023-08-21T14:30:05

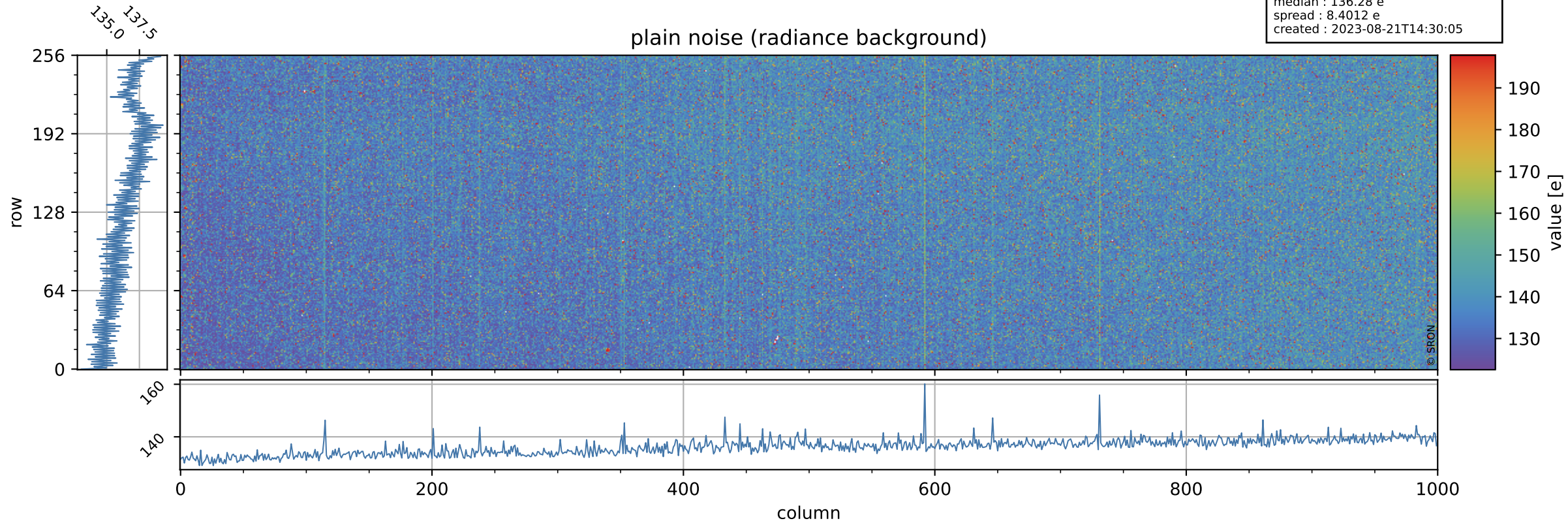
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.4012 e
created : 2023-08-21T14:30:05

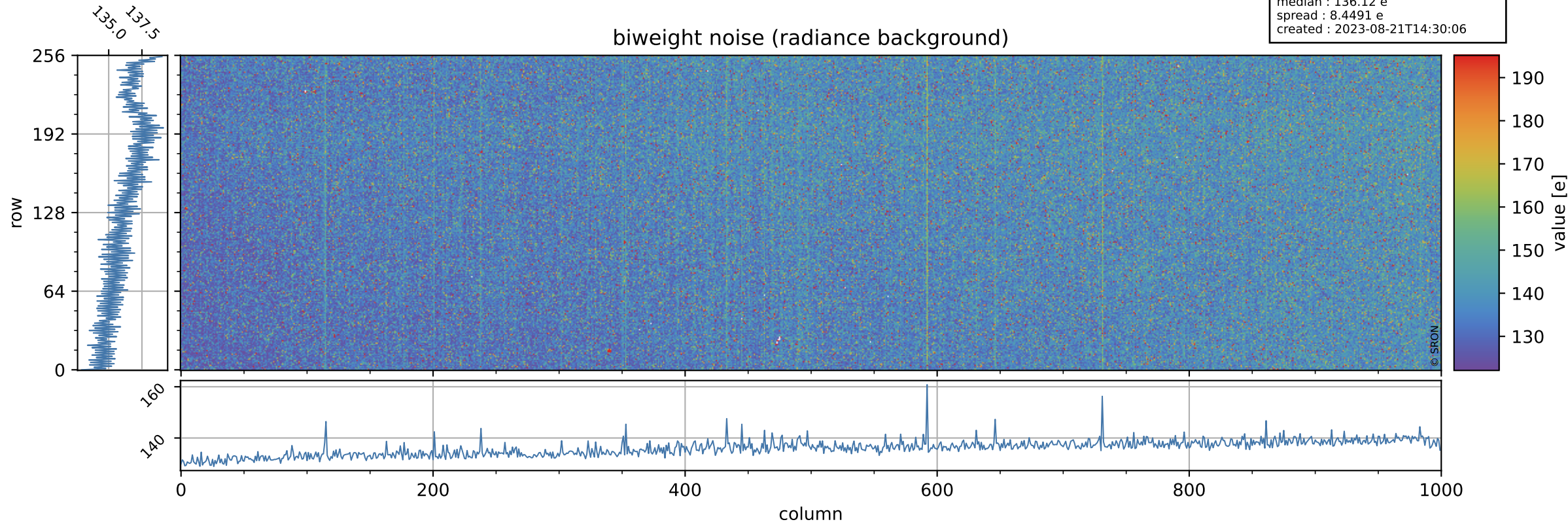
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
n_coad, t_exp : 2, 0.5383
median : 136.12 e
spread : 8.4491 e
created : 2023-08-21T14:30:06

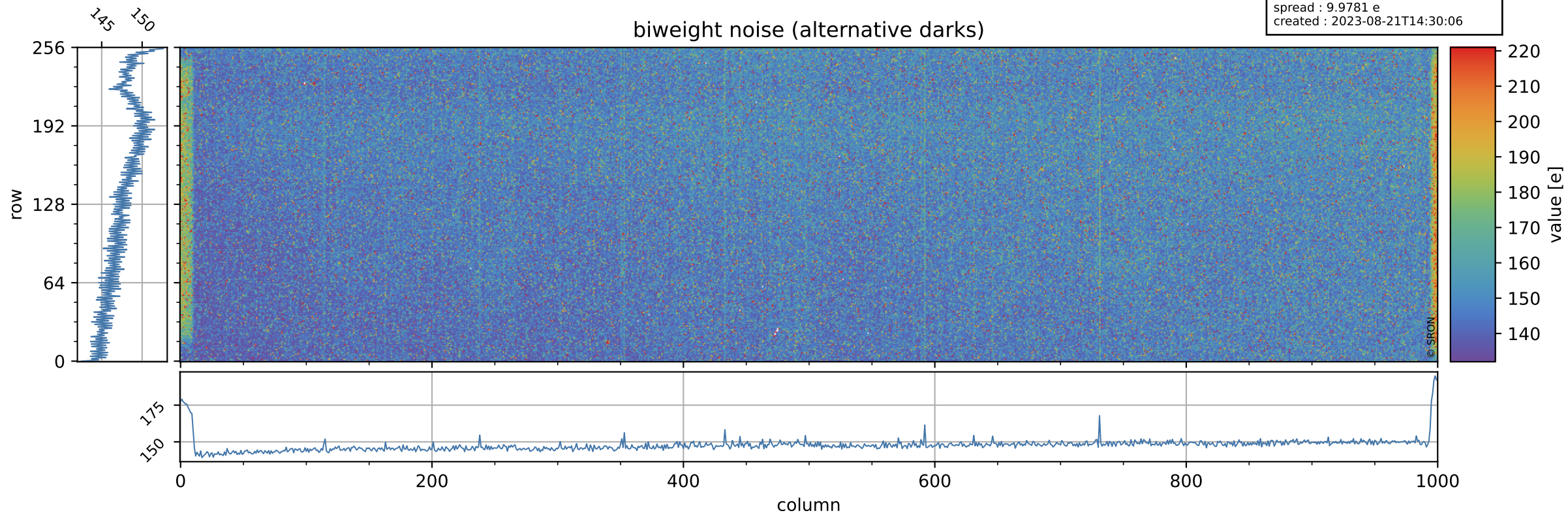
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 9.9781 e
created : 2023-08-21T14:30:06

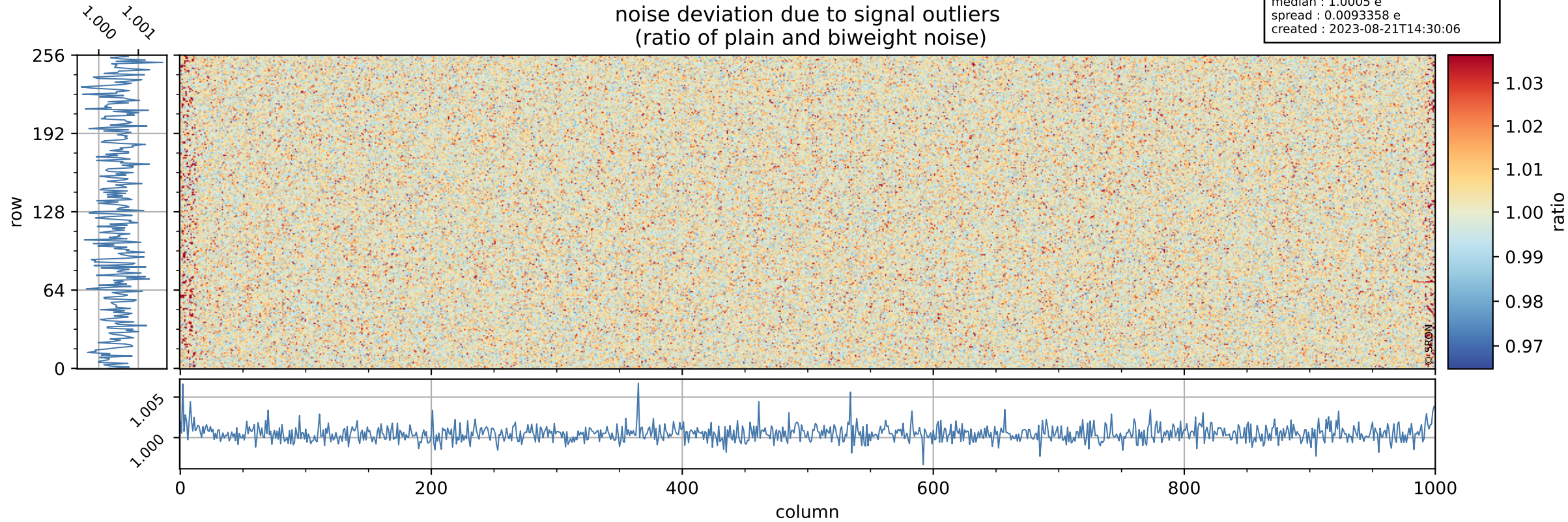
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

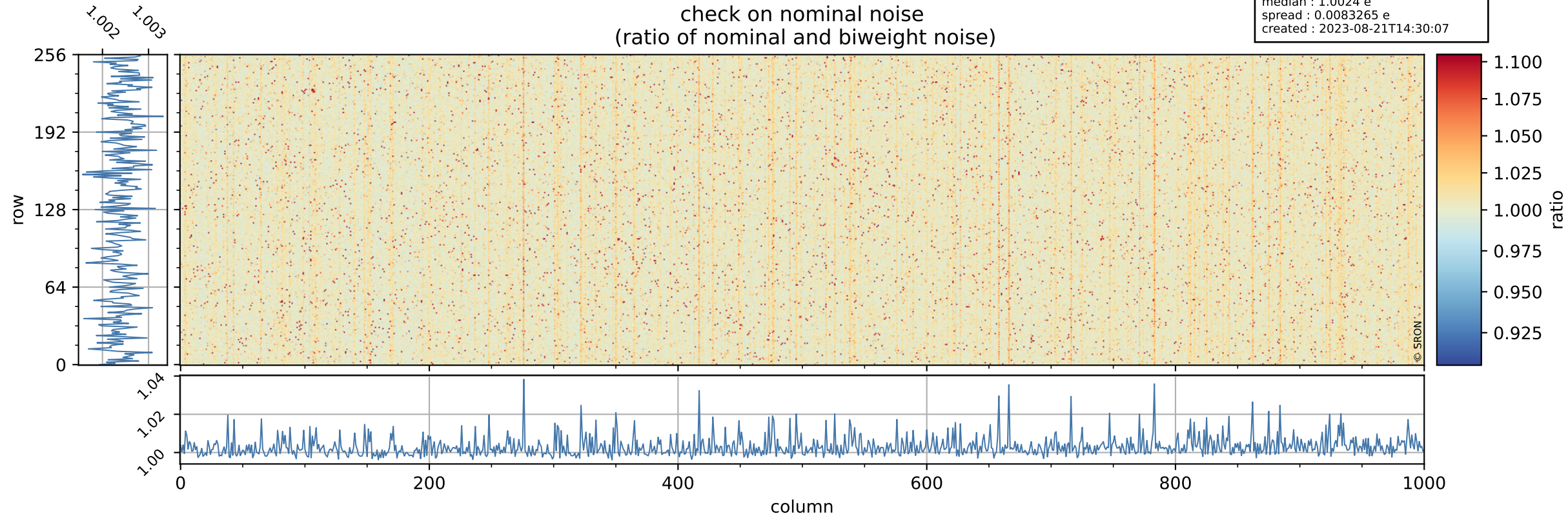
orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
median : 1.0005 e
spread : 0.0093358 e
created : 2023-08-21T14:30:06



Tropomi SWIR background noise (swir)

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

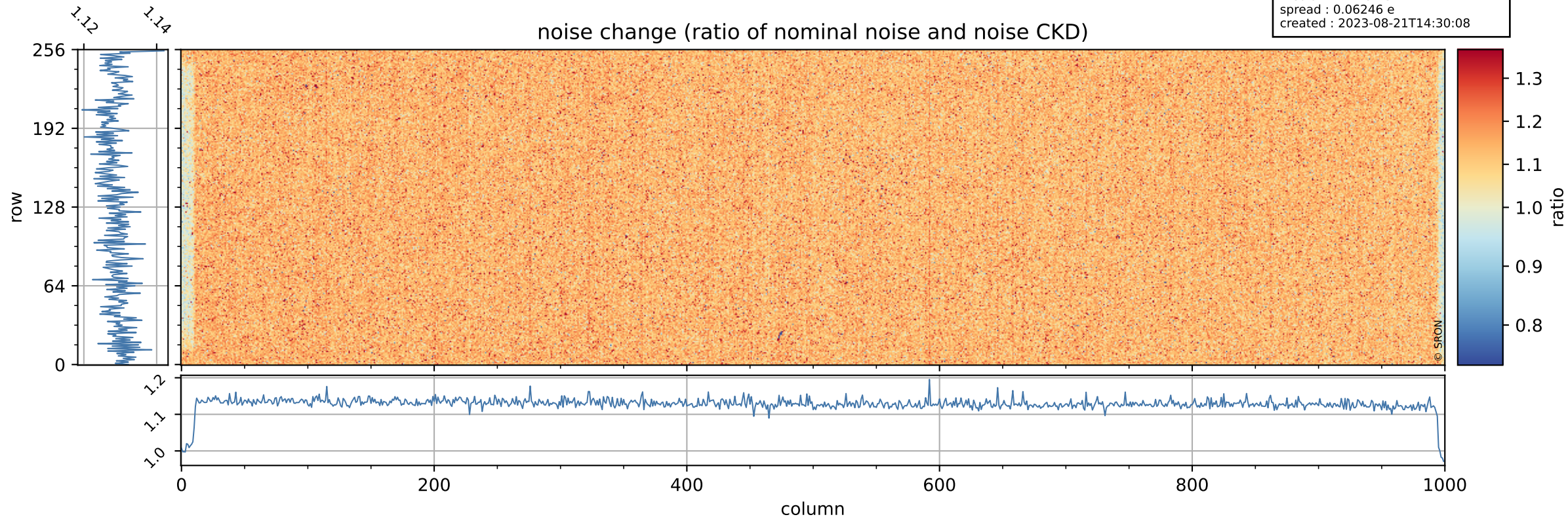
orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
median : 1.0024 e
spread : 0.0083265 e
created : 2023-08-21T14:30:07



Tropomi SWIR background noise (swir)

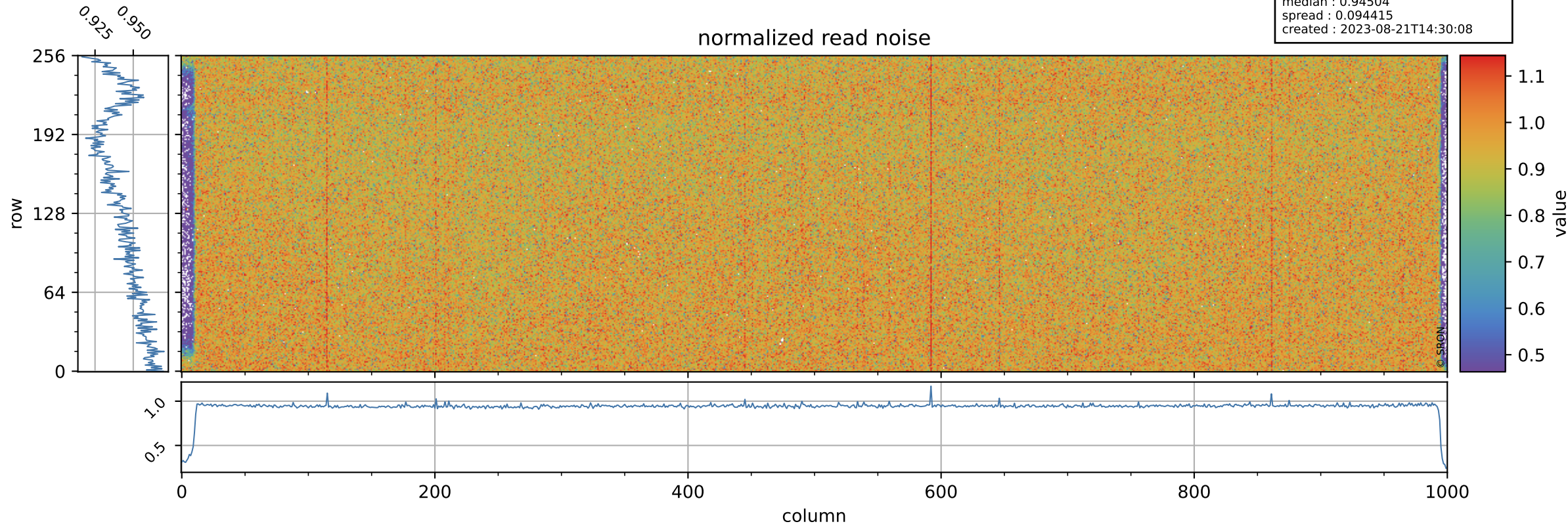
orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
median : 1.1284 e
spread : 0.06246 e
created : 2023-08-21T14:30:08

noise change (ratio of nominal noise and noise CKD)



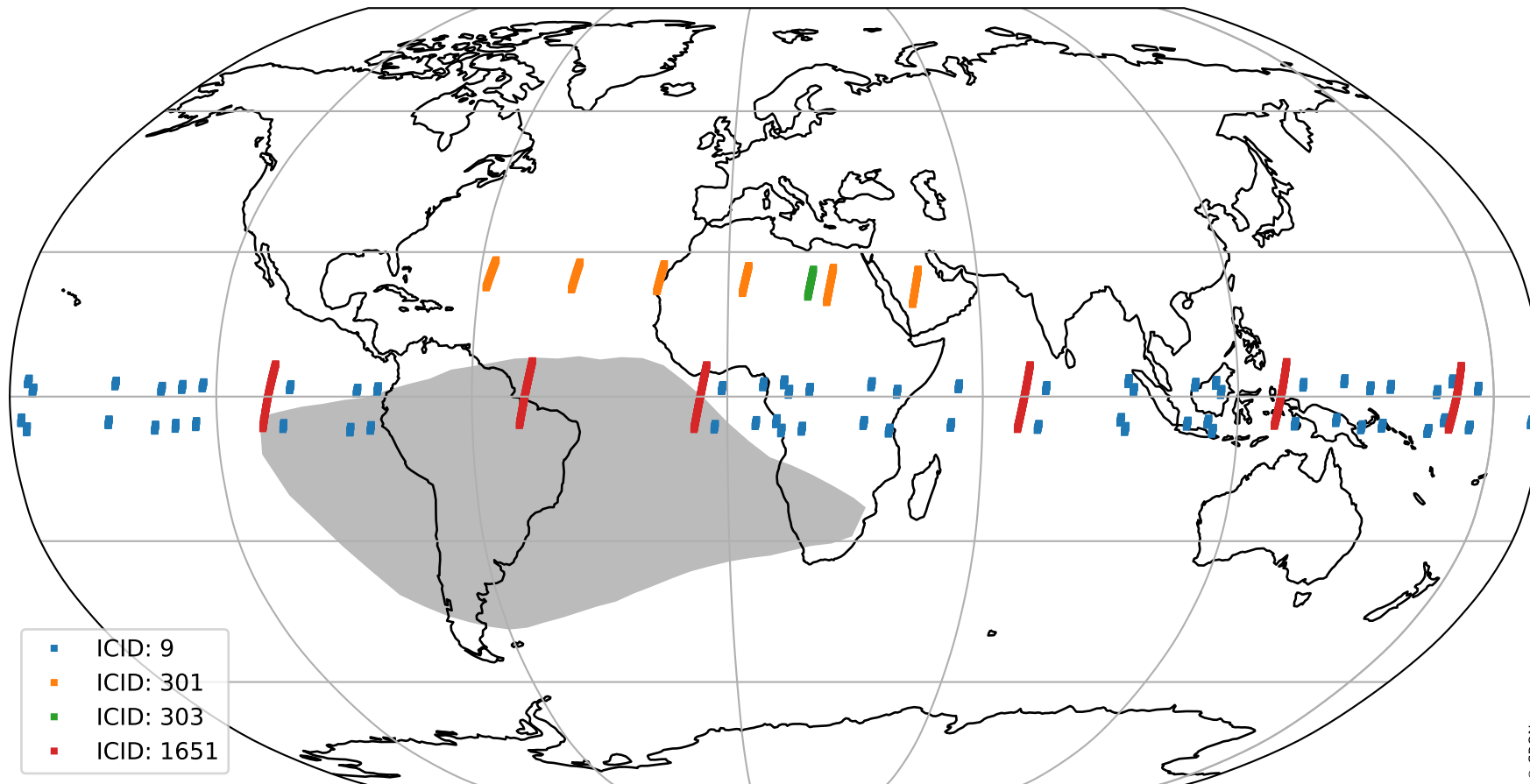
Tropomi SWIR background noise (swir)

orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
median : 0.94504
spread : 0.094415
created : 2023-08-21T14:30:08



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

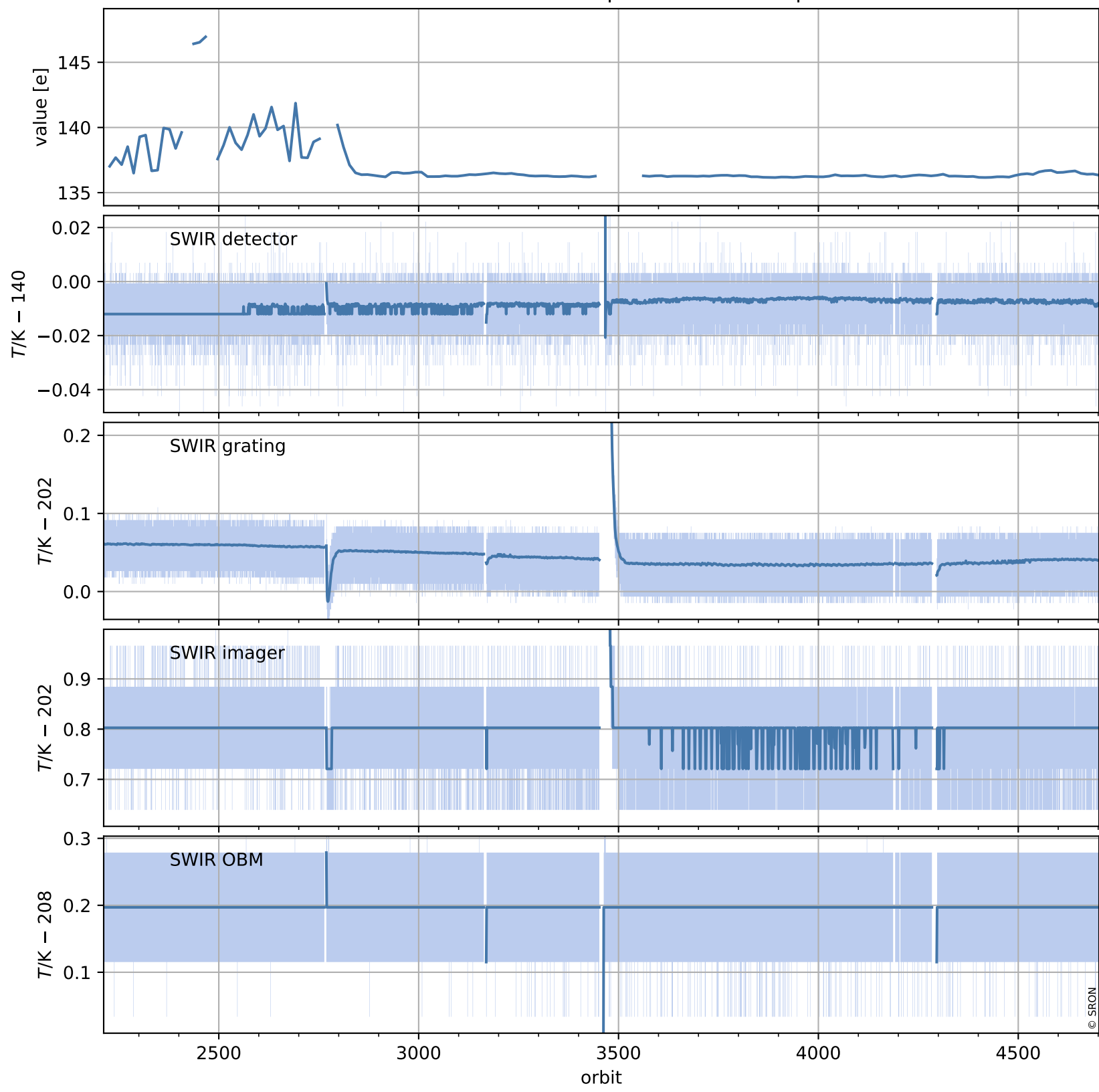
orbits : 13 in [4627, 4702]
coverage : 2018-09-03 / 2018-09-09
created : 2023-08-21T14:30:08



Tropomi SWIR background noise (swir)

orbits : [2212, 4702]
coverage : 2018-03-18 / 2018-09-09
created : 2023-08-21T14:30:09

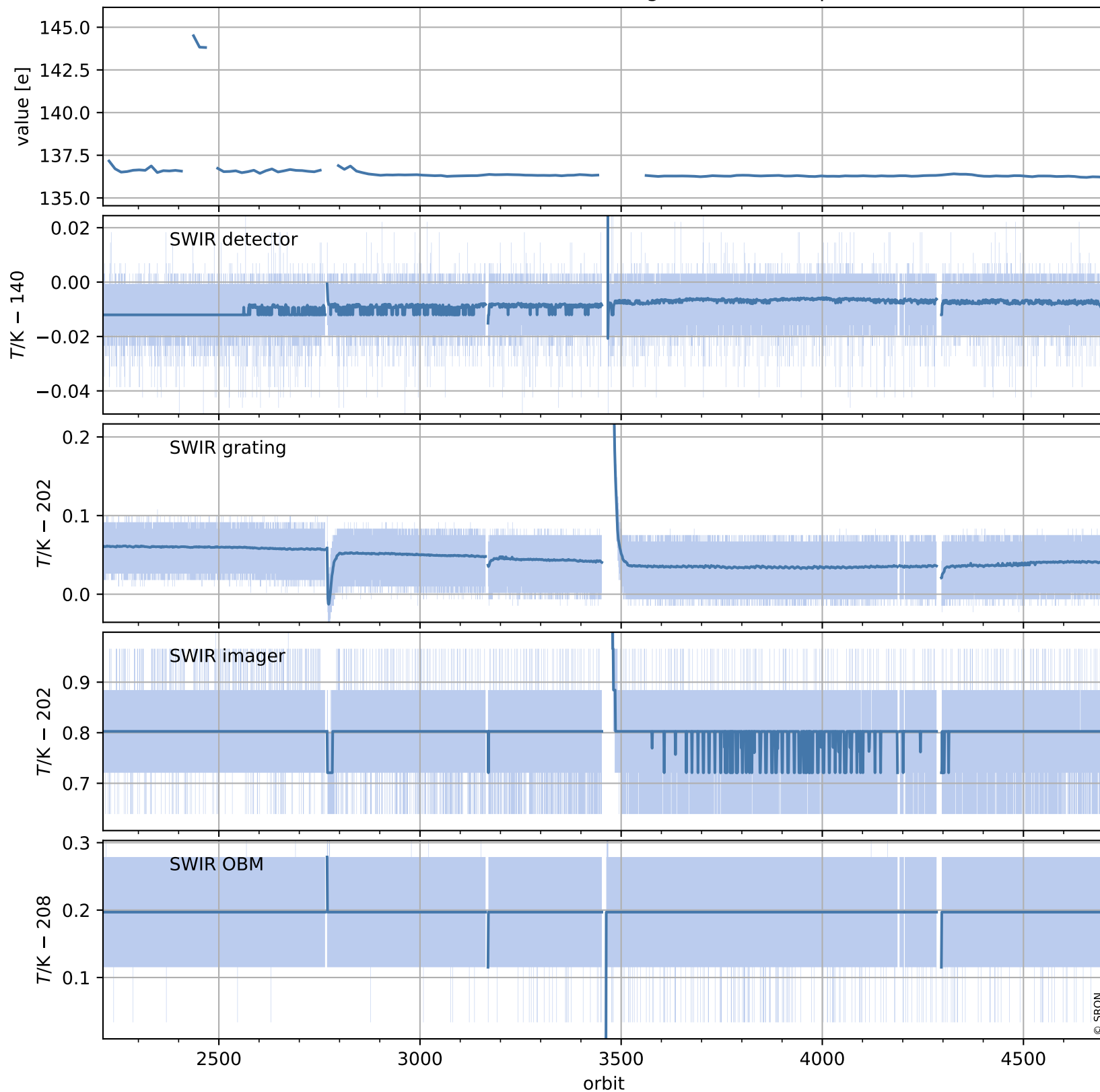
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4702]
coverage : 2018-03-18 / 2018-09-09
created : 2023-08-21T14:30:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4702]
coverage : 2018-03-18 / 2018-09-09
created : 2023-08-21T14:30:10

trend of normalized read-noise & temperatures

