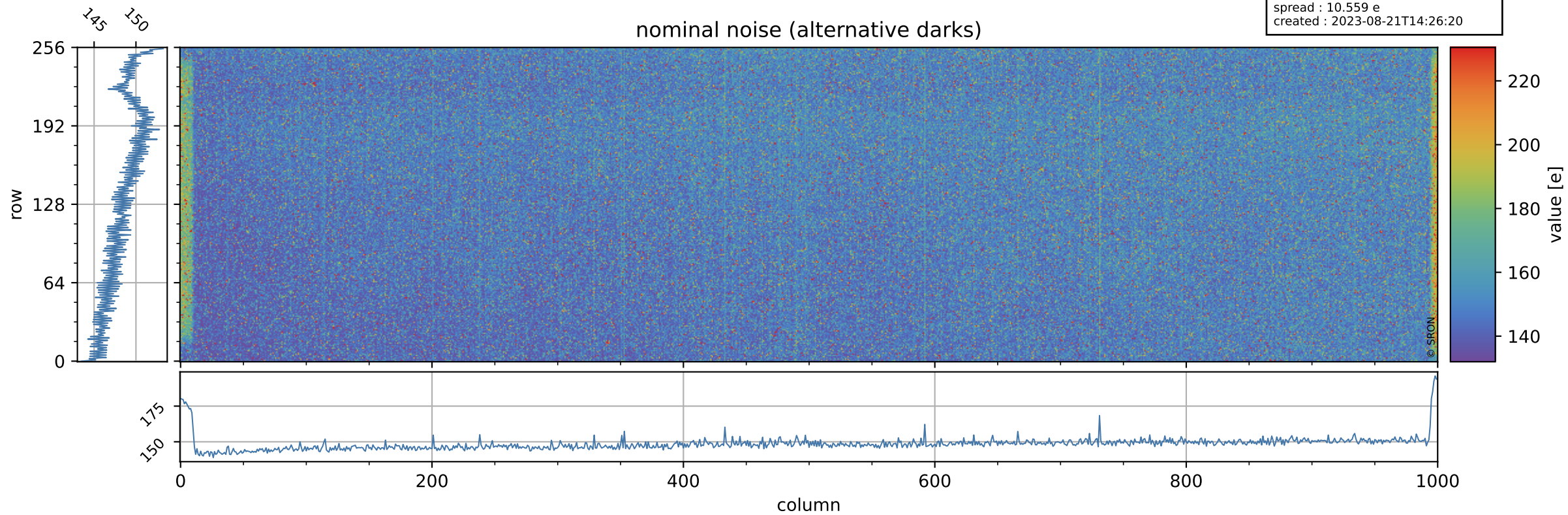


Tropomi SWIR background noise (swir)

orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.559 e
created : 2023-08-21T14:26:20

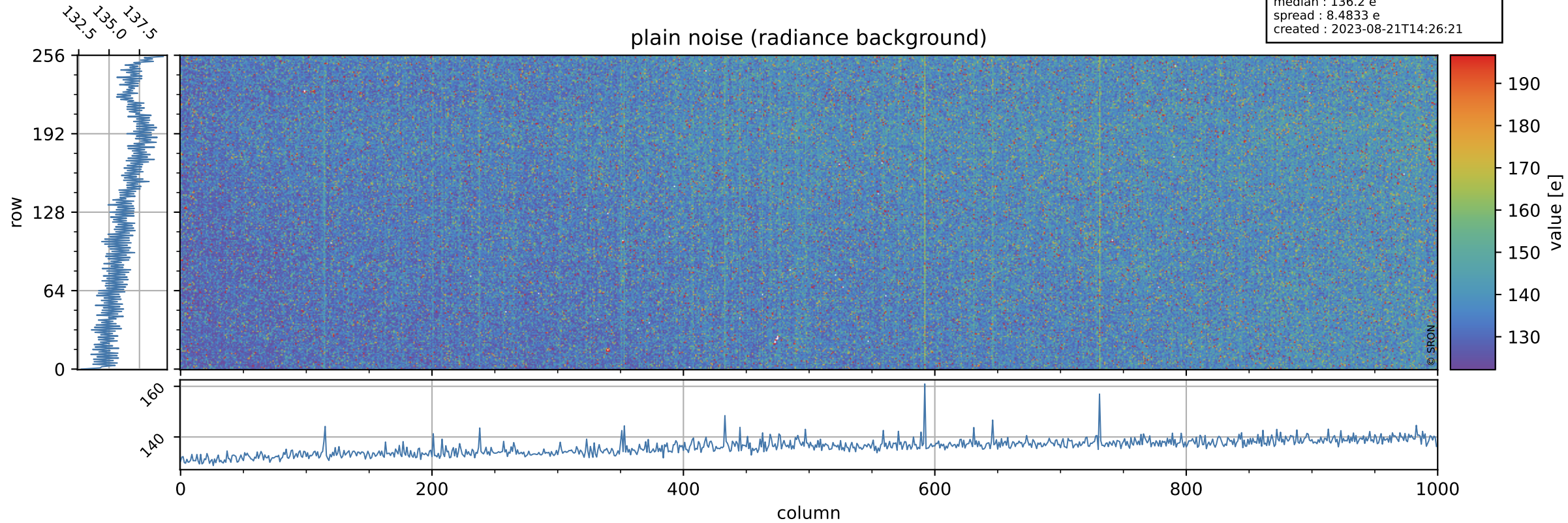
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4833 e
created : 2023-08-21T14:26:21

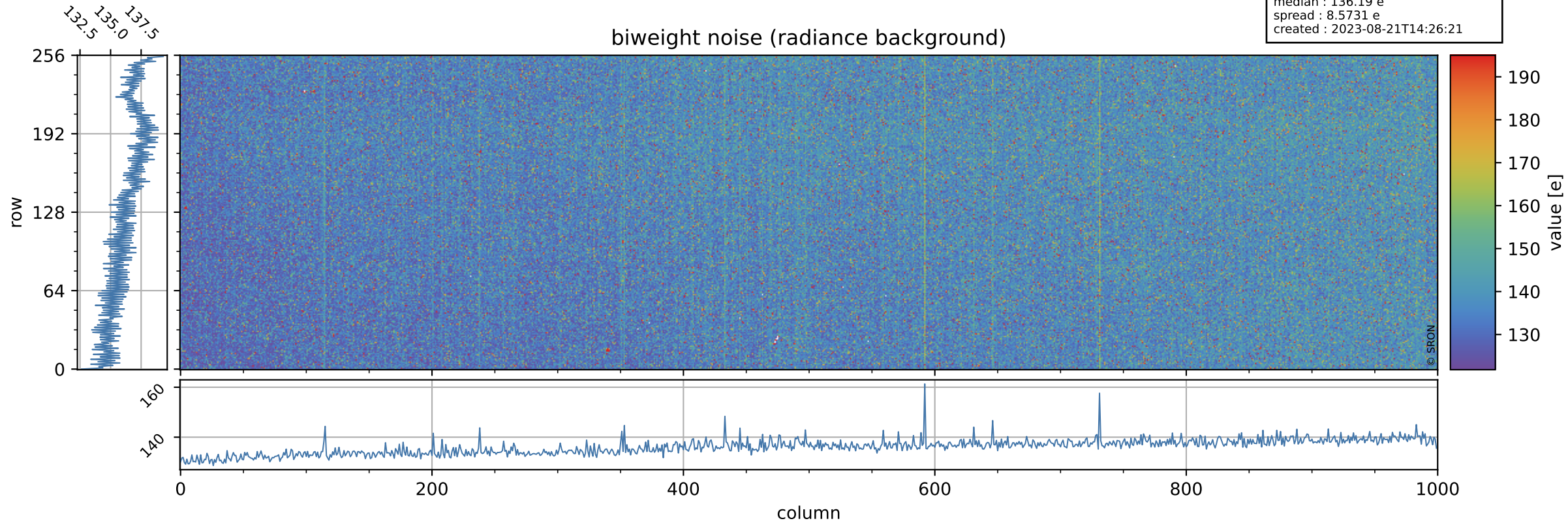
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5731 e
created : 2023-08-21T14:26:21

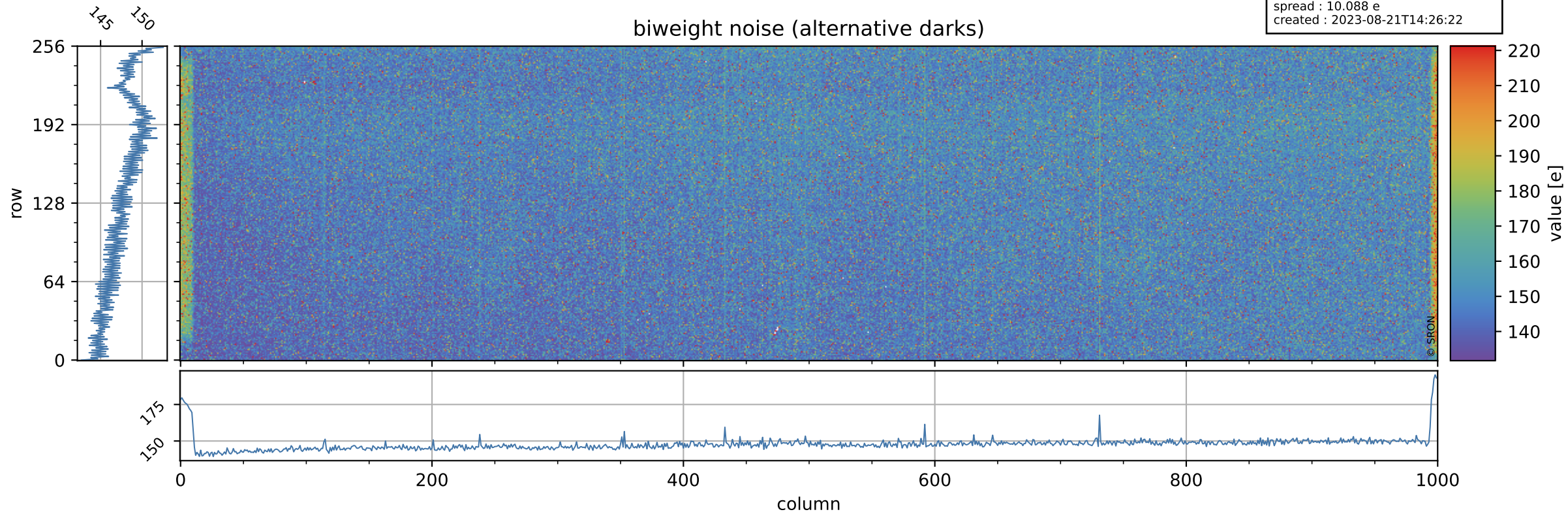
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 10.088 e
created : 2023-08-21T14:26:22

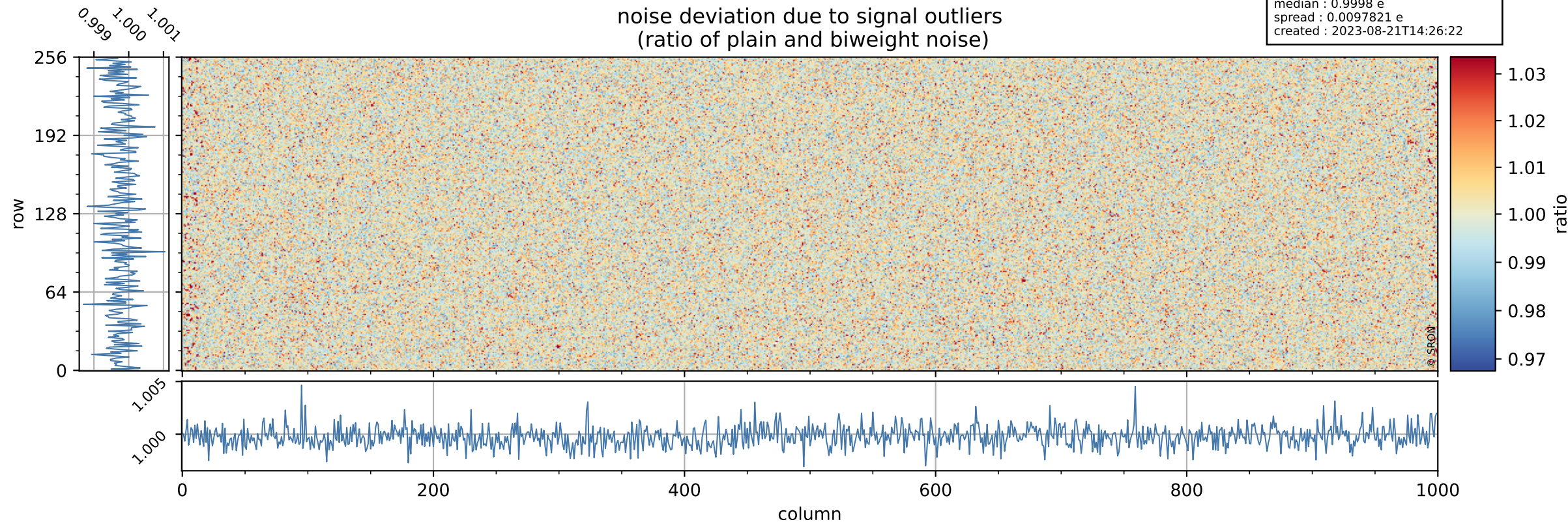
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

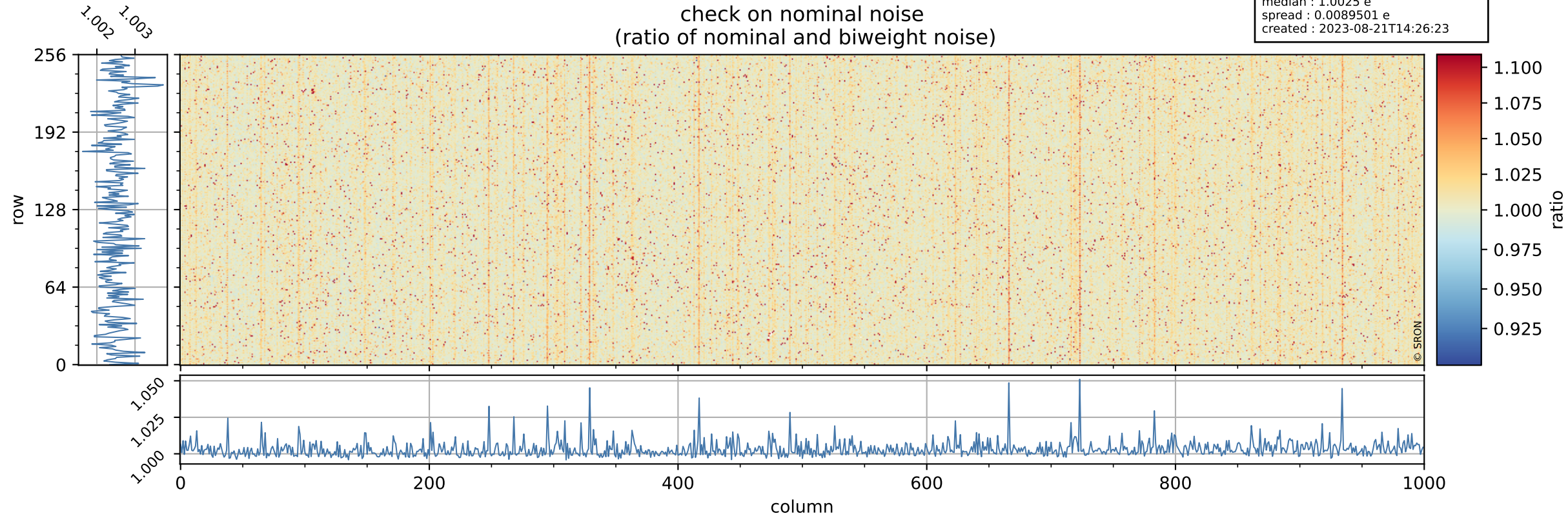
orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
median : 0.9998 e
spread : 0.0097821 e
created : 2023-08-21T14:26:22



Tropomi SWIR background noise (swir)

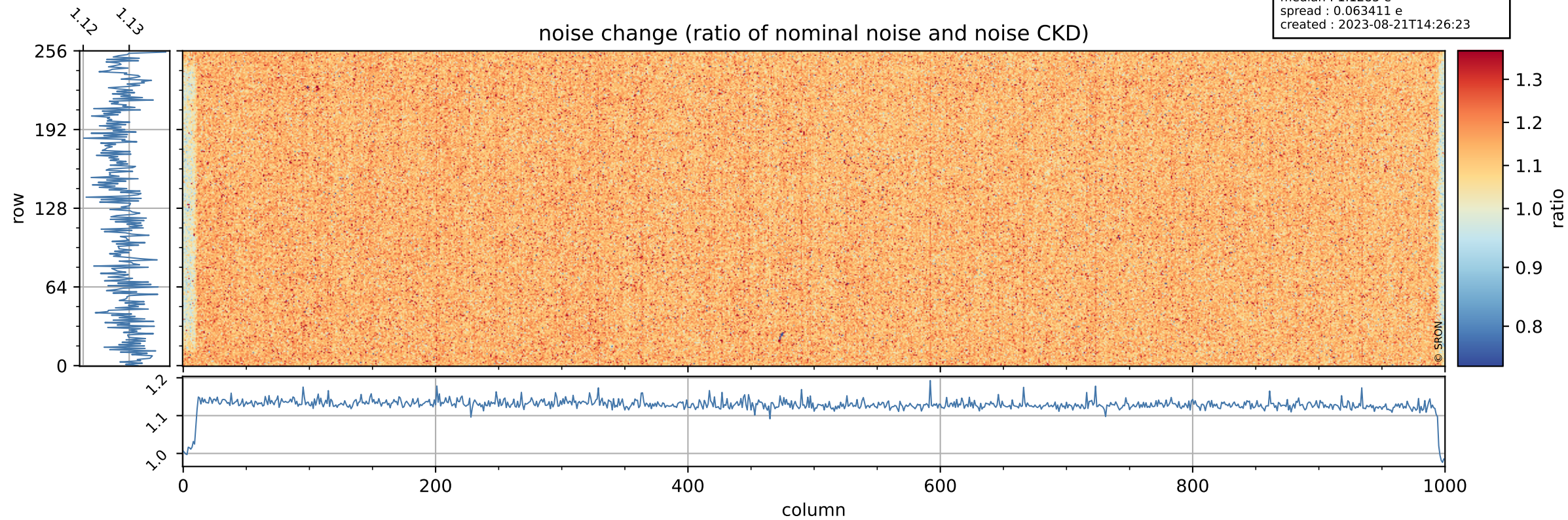
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
median : 1.0025 e
spread : 0.0089501 e
created : 2023-08-21T14:26:23



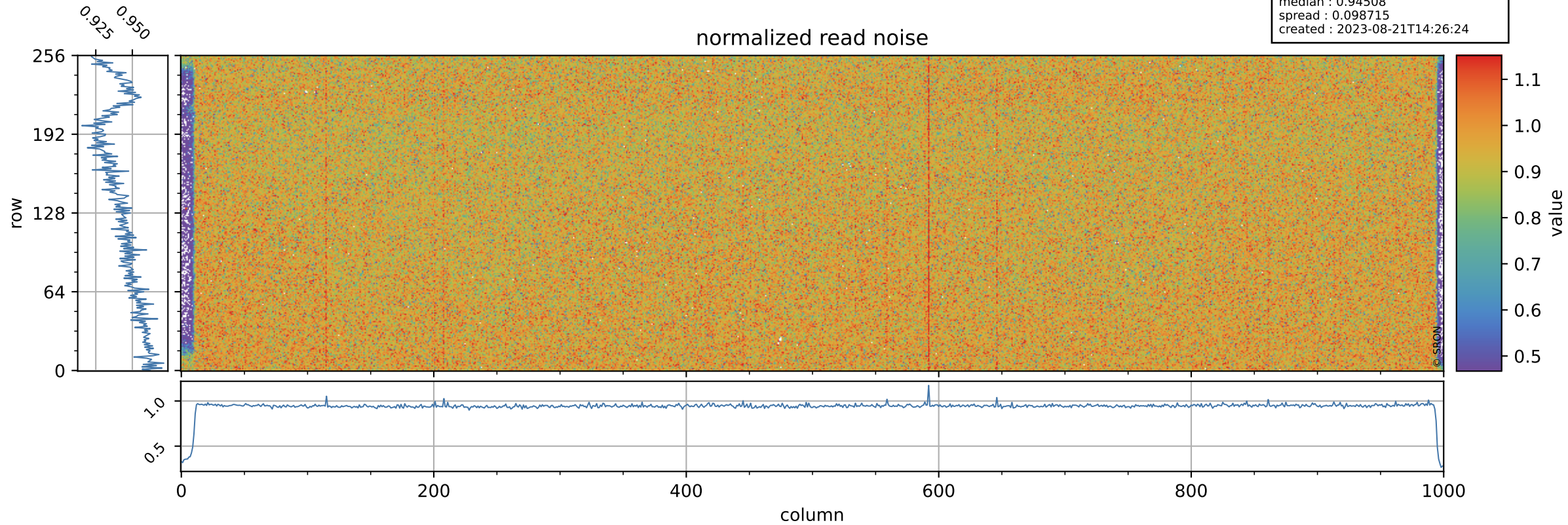
Tropomi SWIR background noise (swir)

orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
median : 1.1285 e
spread : 0.063411 e
created : 2023-08-21T14:26:23



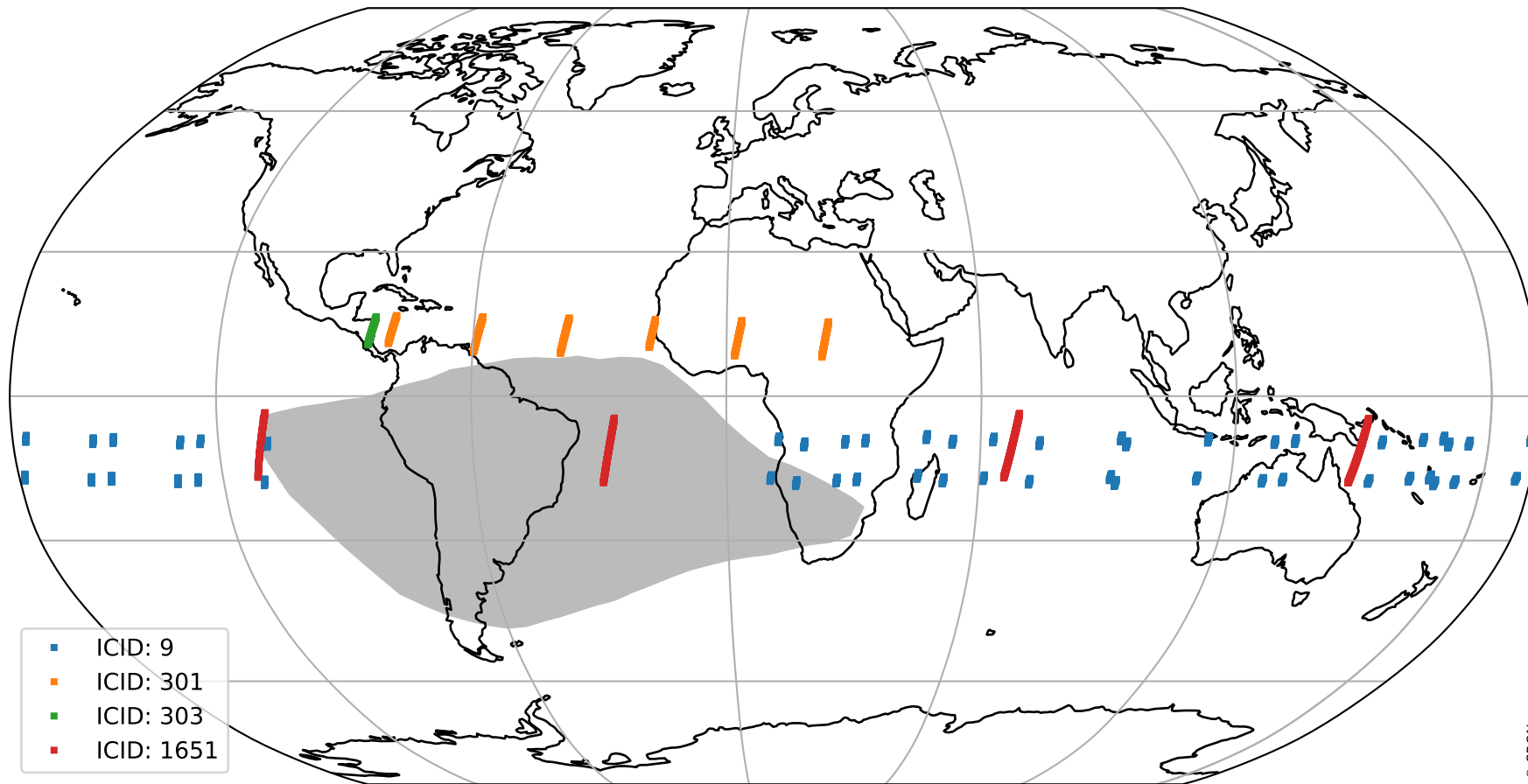
Tropomi SWIR background noise (swir)

orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
median : 0.94508
spread : 0.098715
created : 2023-08-21T14:26:24



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

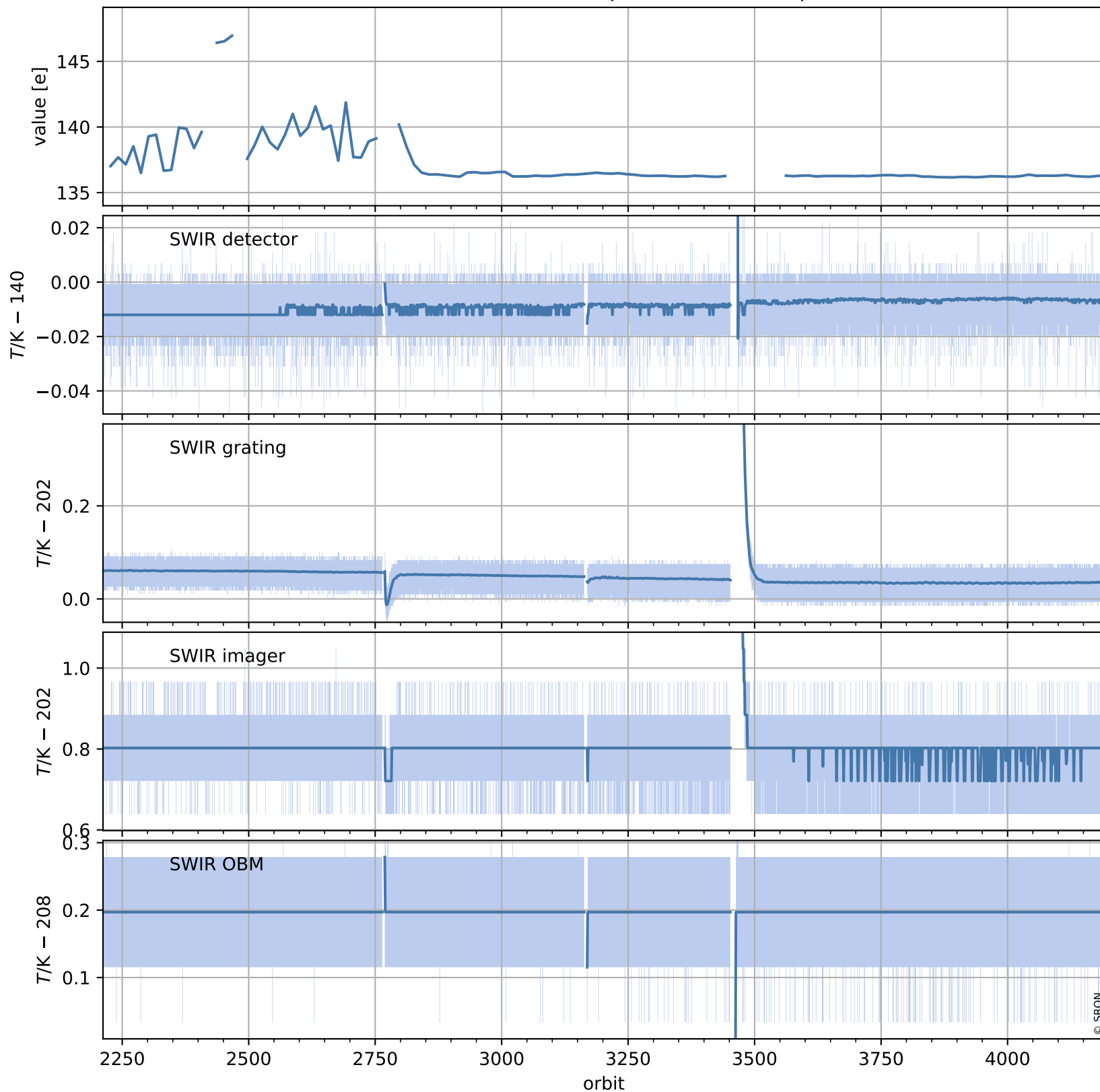
orbits : 11 in [4102, 4192]
coverage : 2018-07-29 / 2018-08-04
created : 2023-08-21T14:26:24



Tropomi SWIR background noise (swir)

orbits : [2212, 4192]
coverage : 2018-03-18 / 2018-08-04
created : 2023-08-21T14:26:24

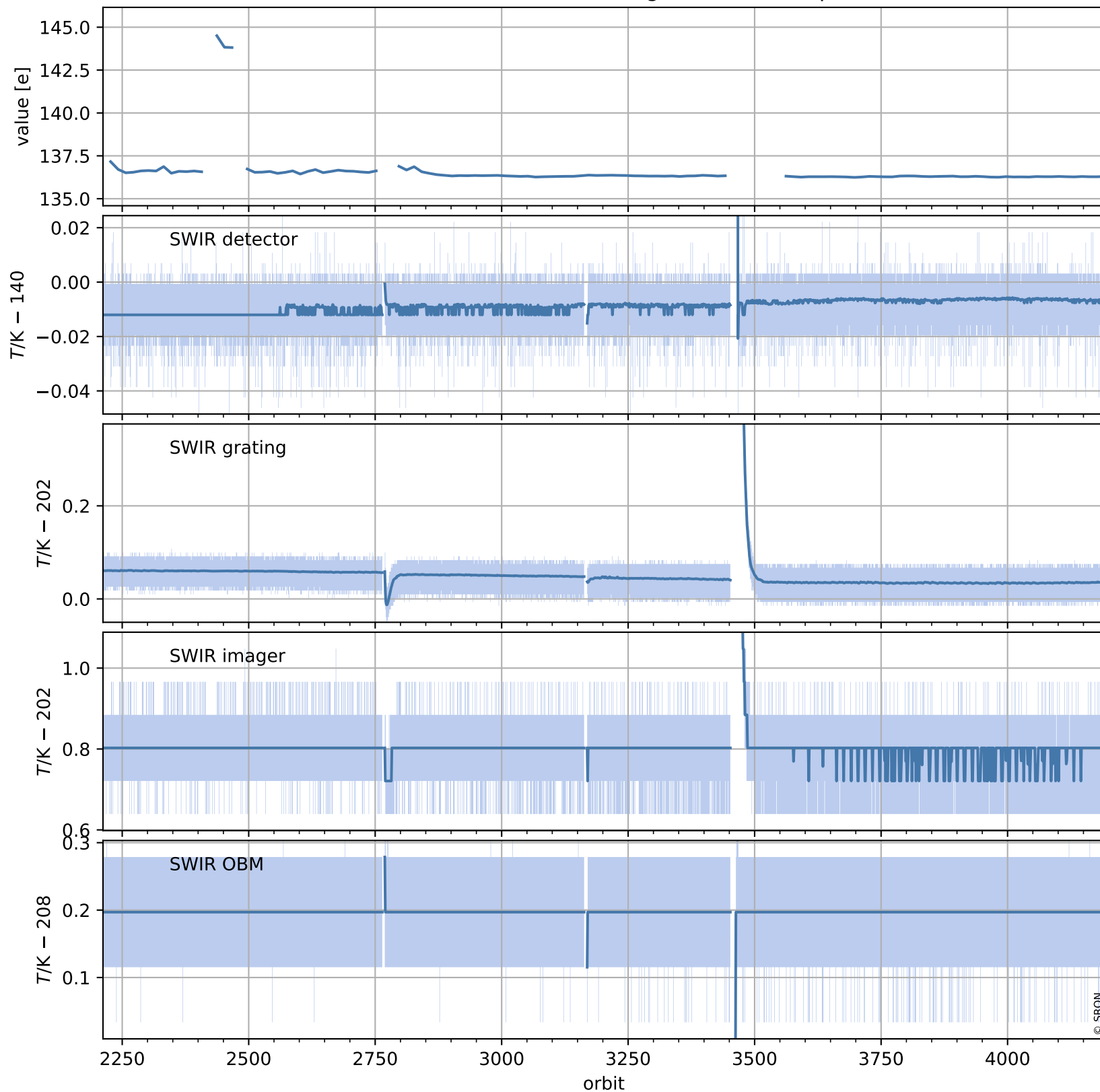
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4192]
coverage : 2018-03-18 / 2018-08-04
created : 2023-08-21T14:26:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4192]
coverage : 2018-03-18 / 2018-08-04
created : 2023-08-21T14:26:26

trend of normalized read-noise & temperatures

