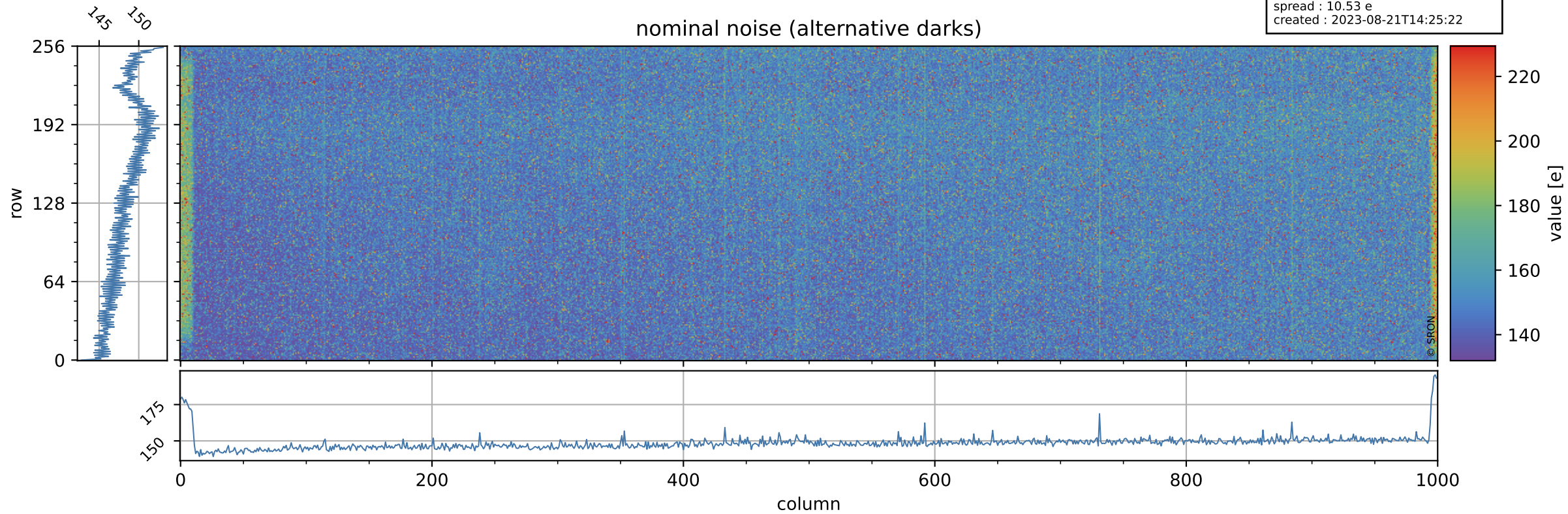


Tropomi SWIR background noise (swir)

orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.53 e
created : 2023-08-21T14:25:22

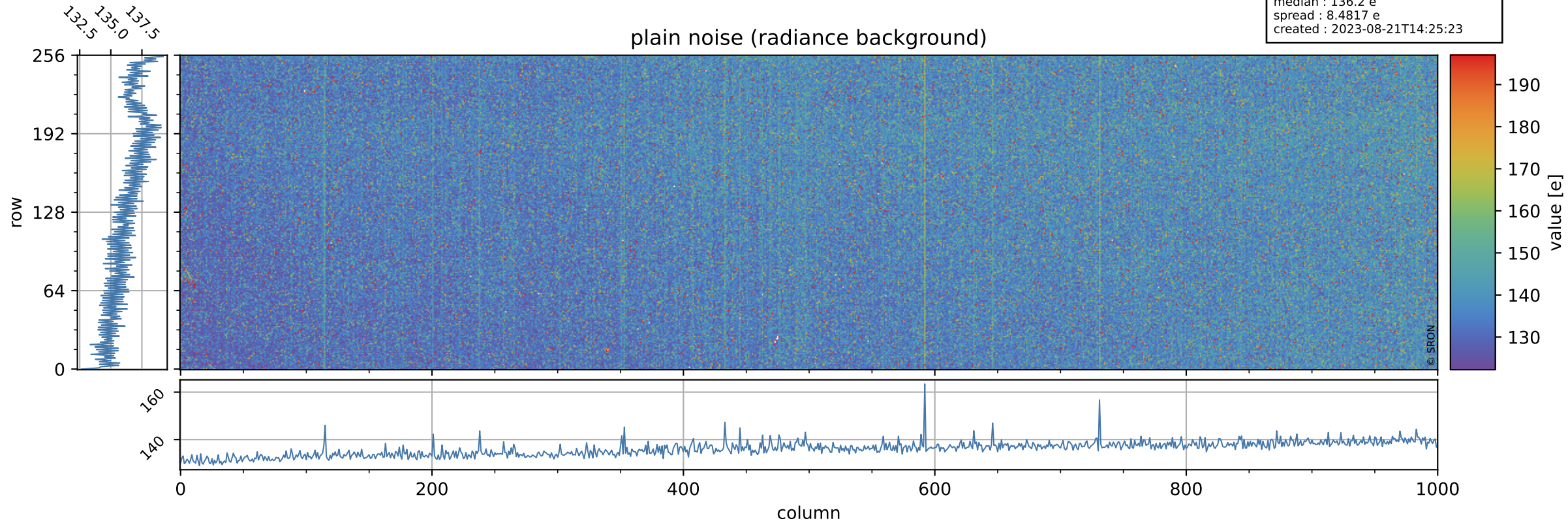
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4817 e
created : 2023-08-21T14:25:23

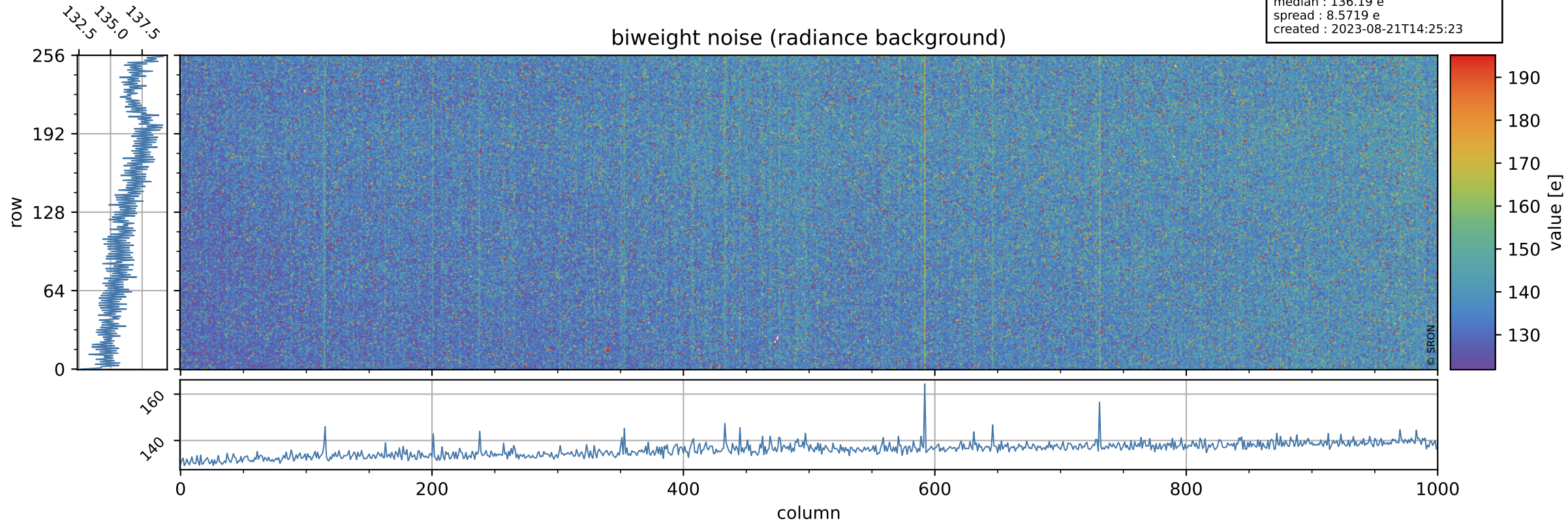
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5719 e
created : 2023-08-21T14:25:23

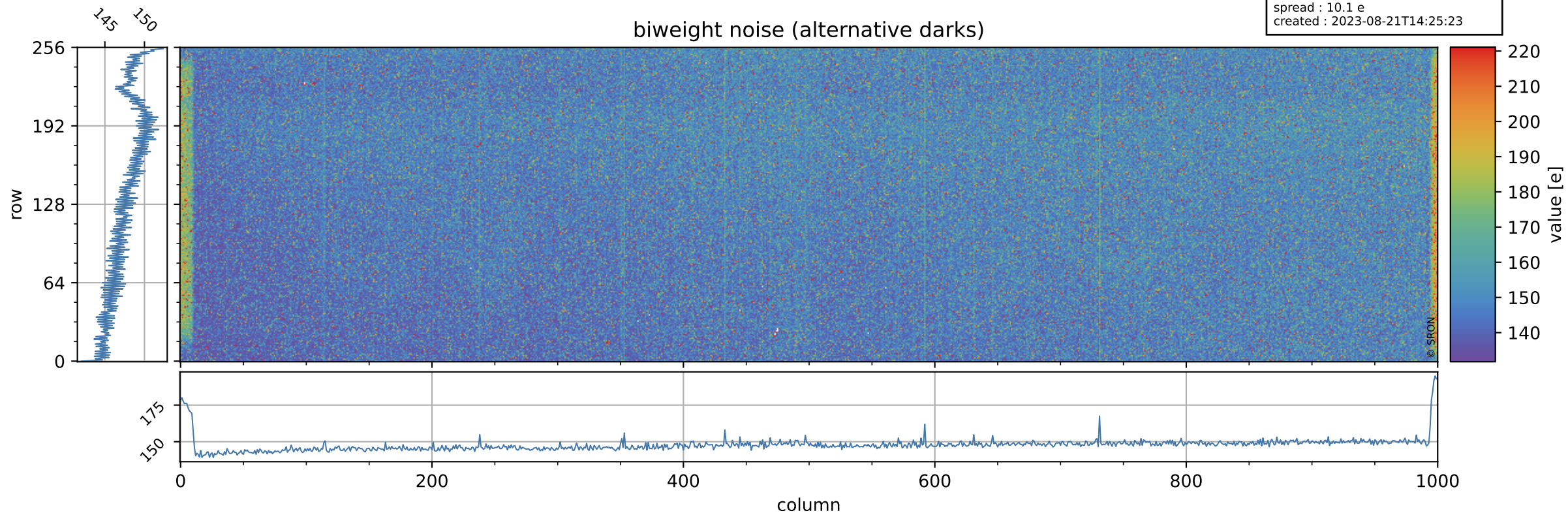
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 10.1 e
created : 2023-08-21T14:25:23

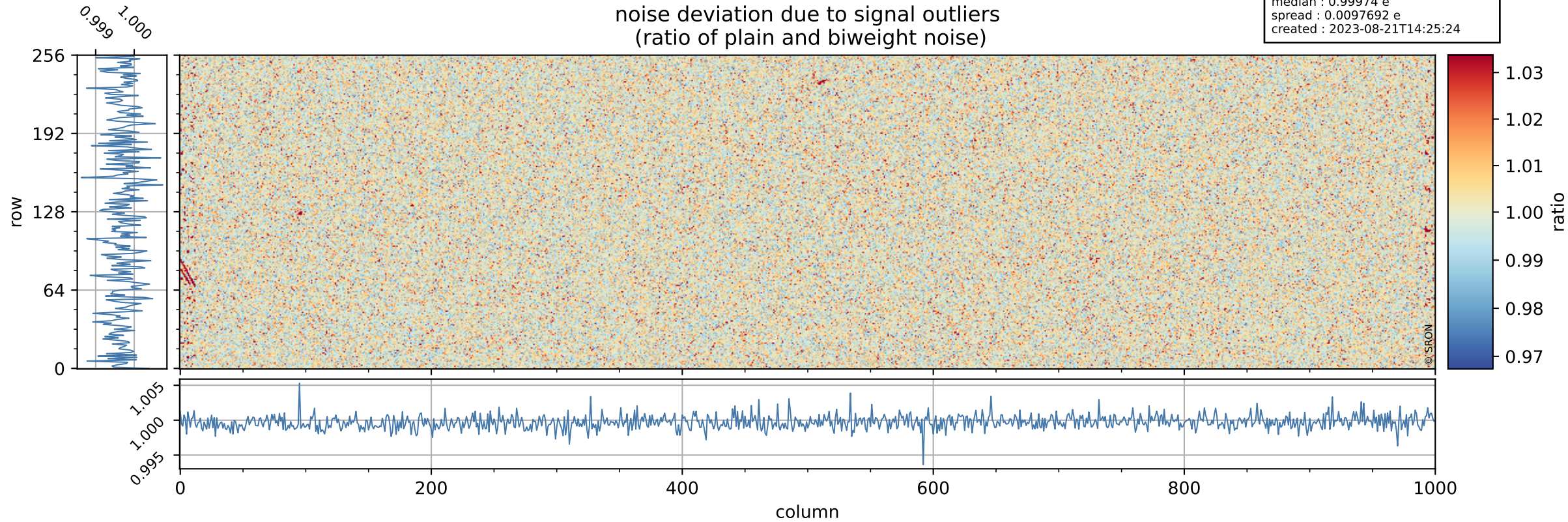
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

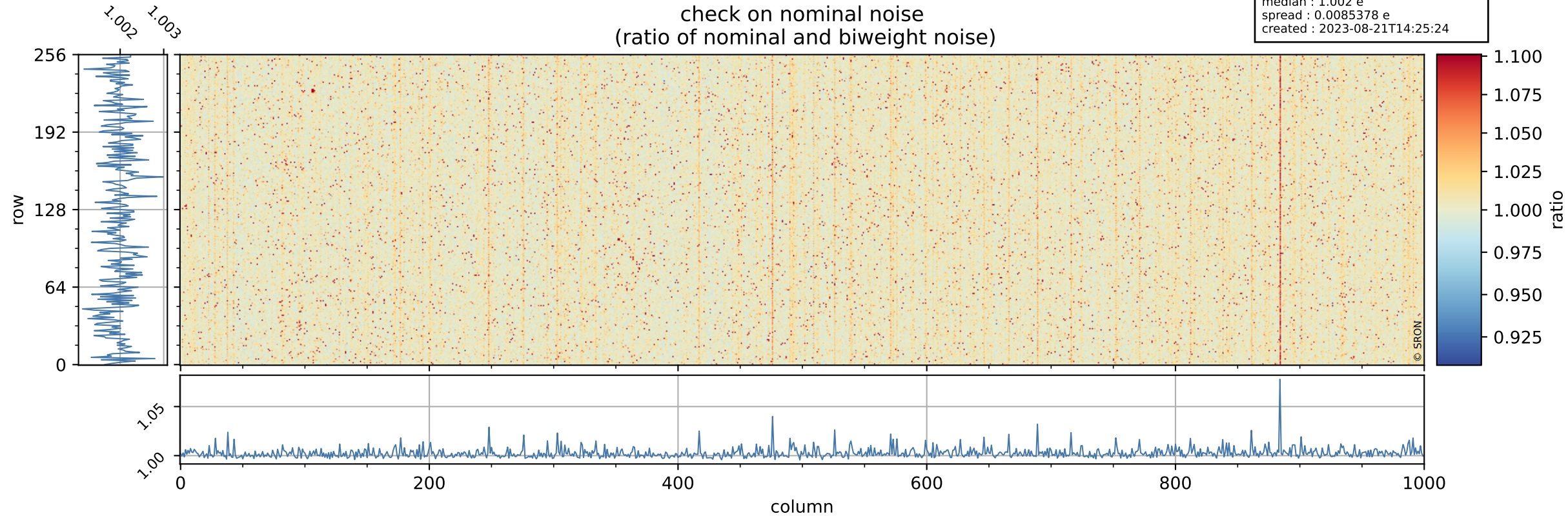
orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
median : 0.99974 e
spread : 0.0097692 e
created : 2023-08-21T14:25:24



Tropomi SWIR background noise (swir)

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

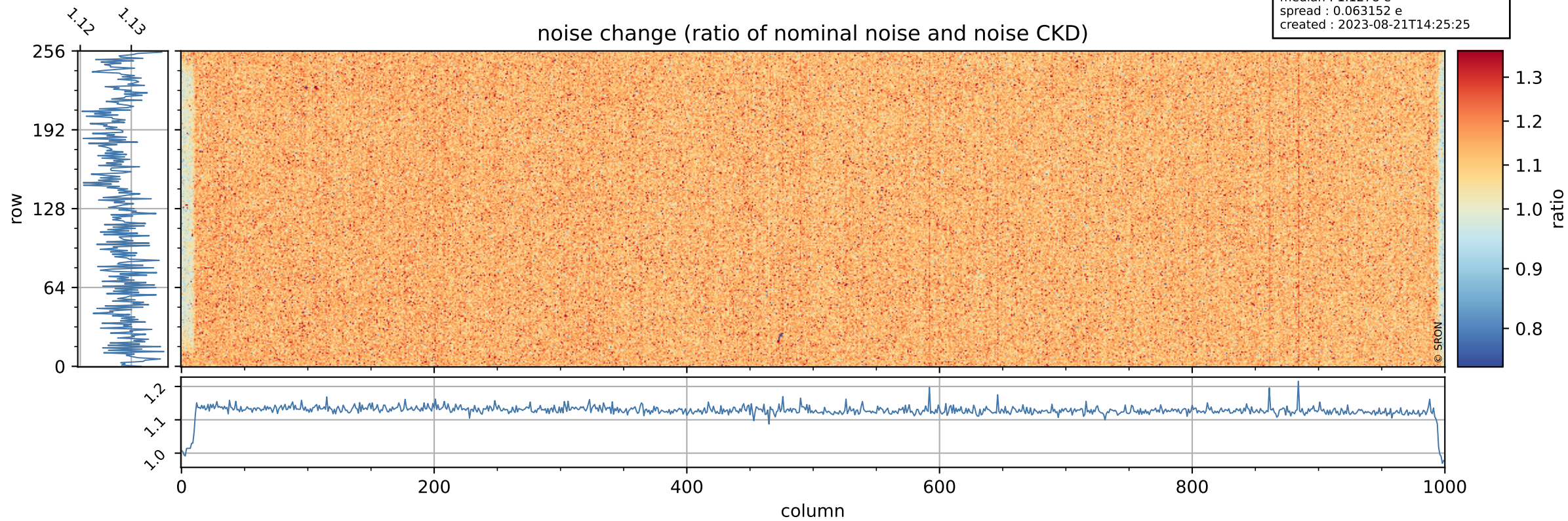
orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
median : 1.002 e
spread : 0.0085378 e
created : 2023-08-21T14:25:24



Tropomi SWIR background noise (swir)

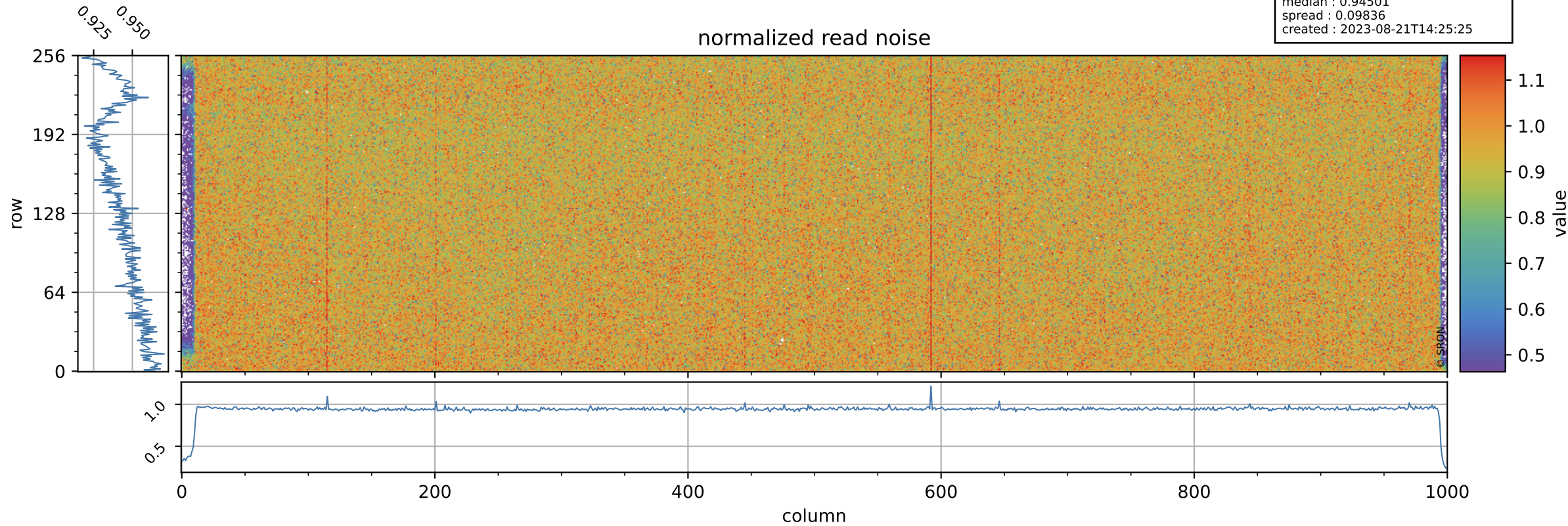
orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
median : 1.1278 e
spread : 0.063152 e
created : 2023-08-21T14:25:25

noise change (ratio of nominal noise and noise CKD)



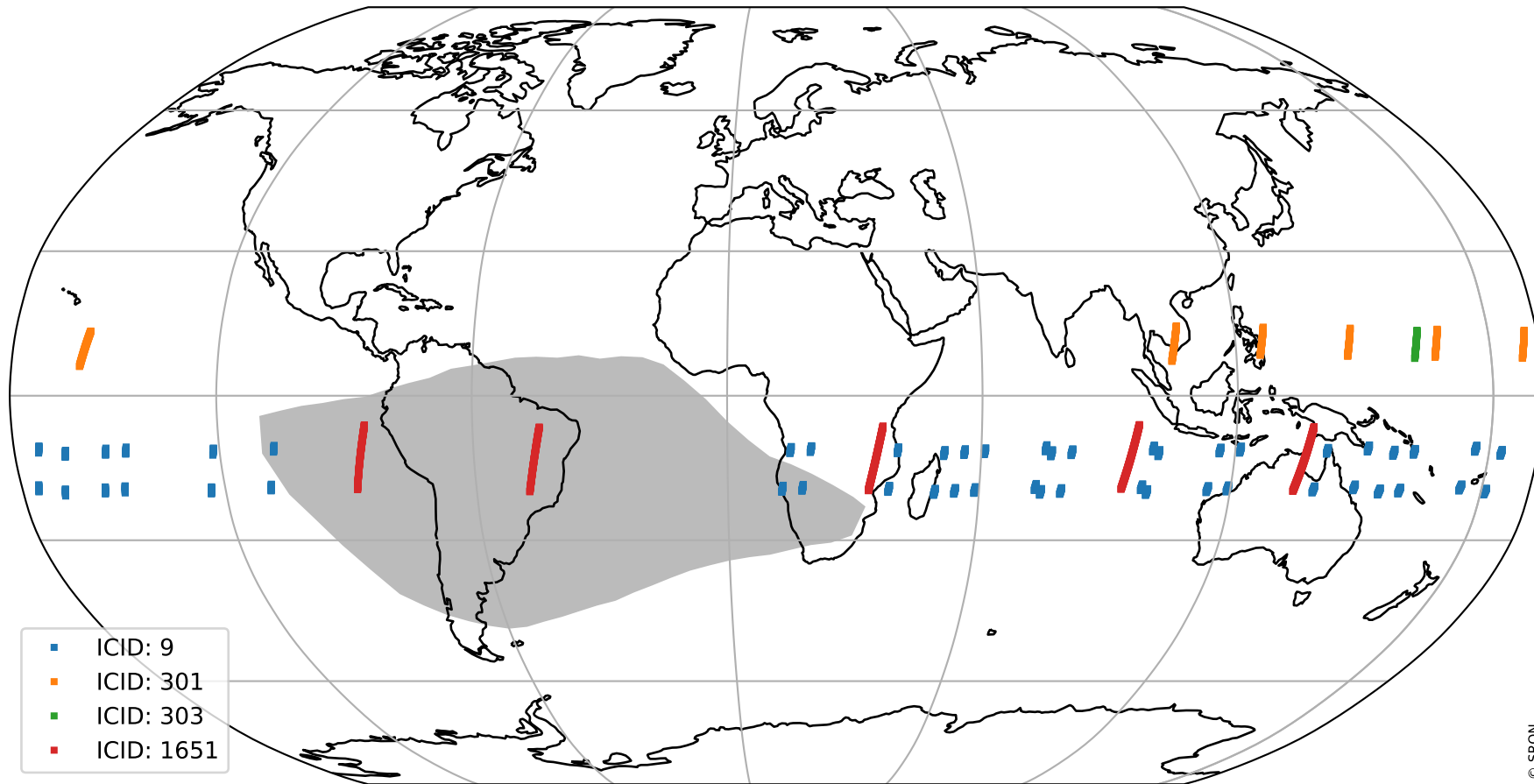
Tropomi SWIR background noise (swir)

orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
median : 0.94501
spread : 0.09836
created : 2023-08-21T14:25:25



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

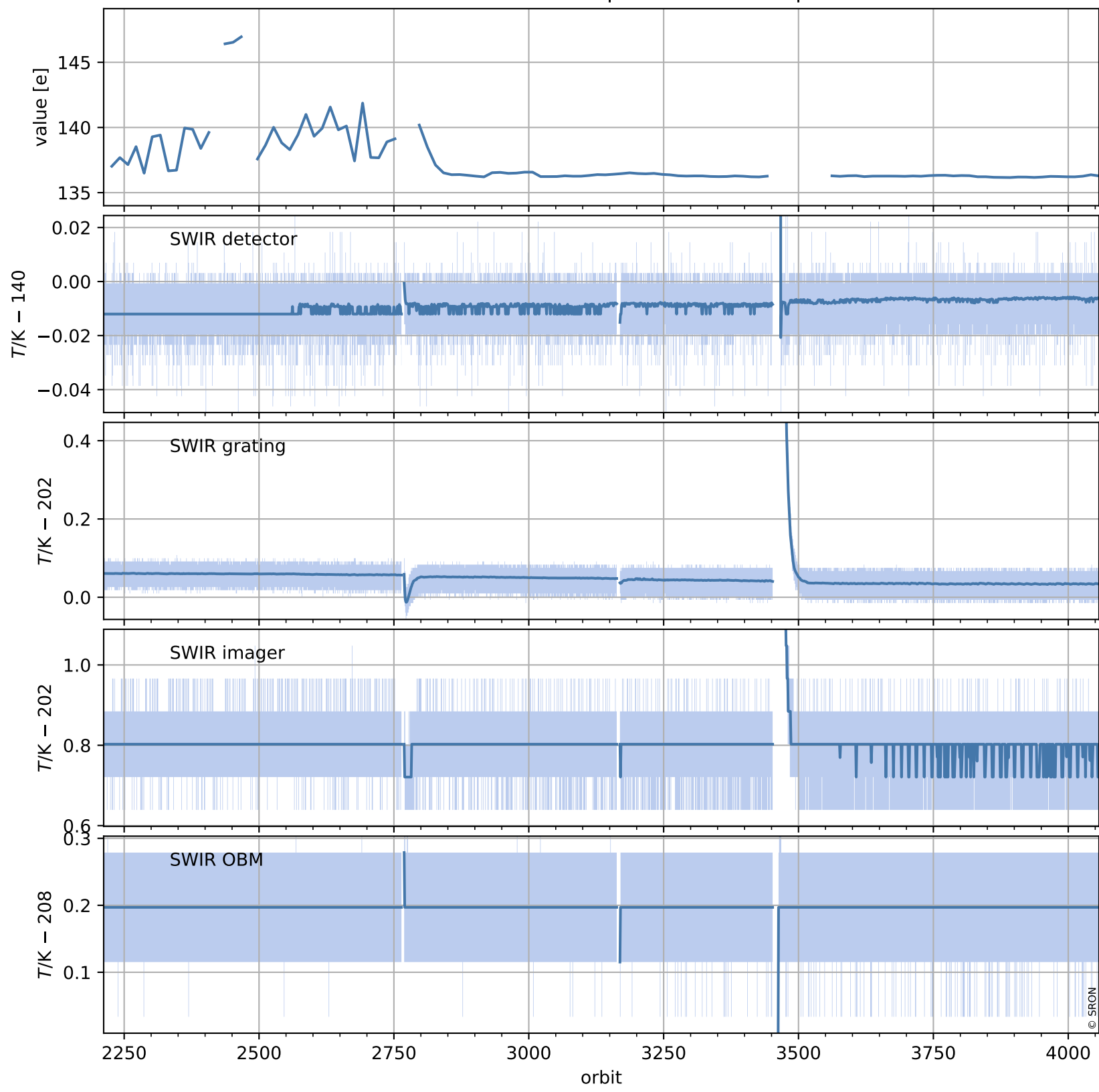
orbits : 12 in [3982, 4057]
coverage : 2018-07-20 / 2018-07-25
created : 2023-08-21T14:25:26



Tropomi SWIR background noise (swir)

orbits : [2212, 4057]
coverage : 2018-03-18 / 2018-07-25
created : 2023-08-21T14:25:26

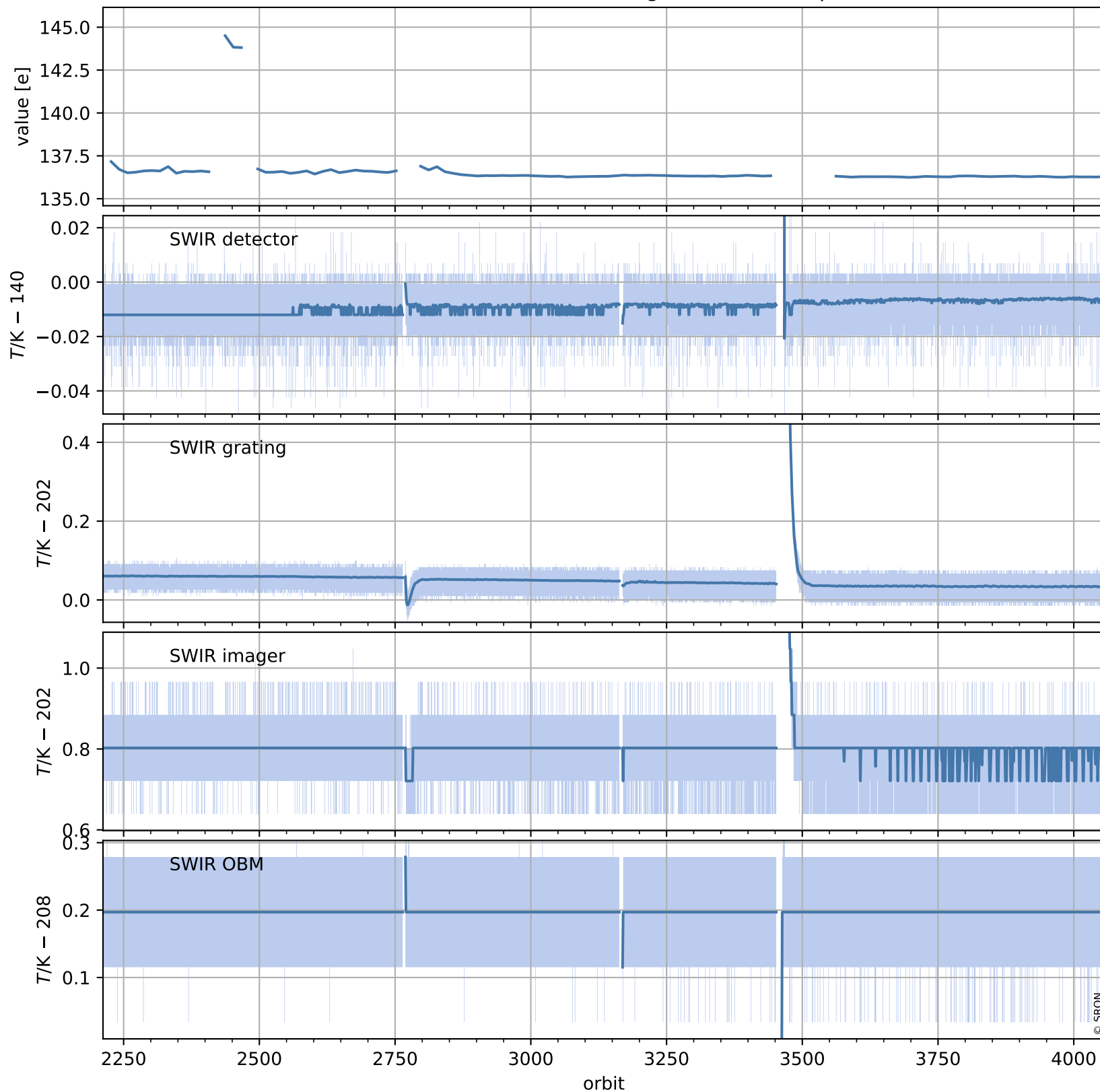
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4057]
coverage : 2018-03-18 / 2018-07-25
created : 2023-08-21T14:25:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4057]
coverage : 2018-03-18 / 2018-07-25
created : 2023-08-21T14:25:27

trend of normalized read-noise & temperatures

