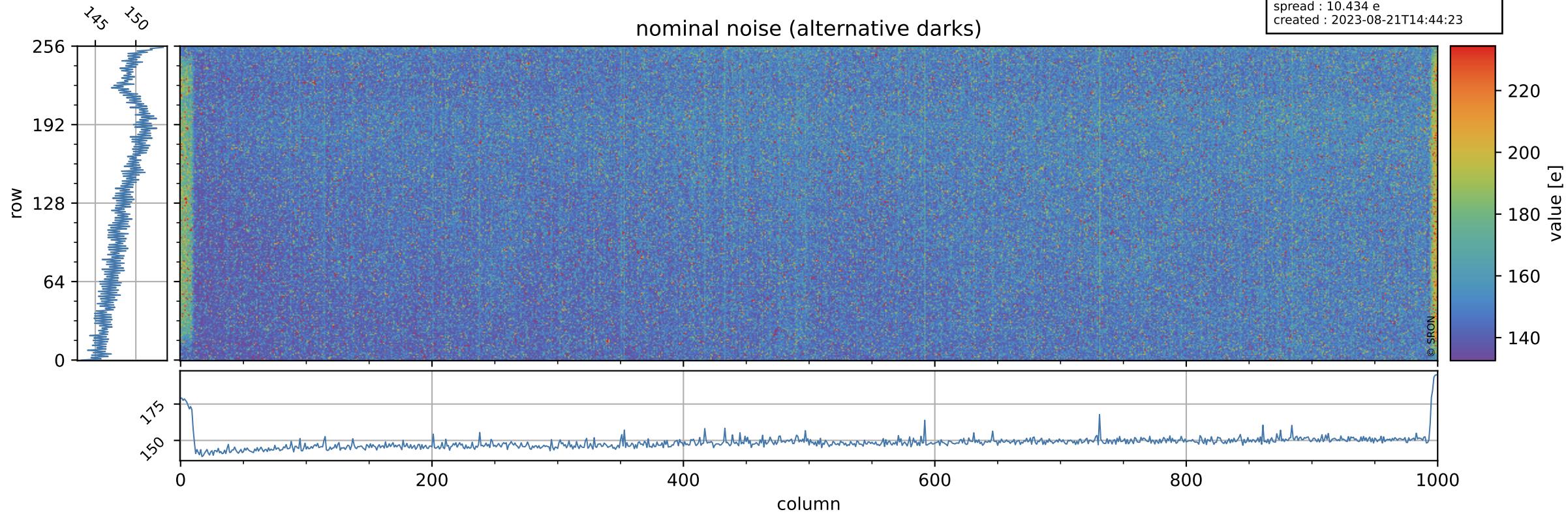


Tropomi SWIR background noise (swir)

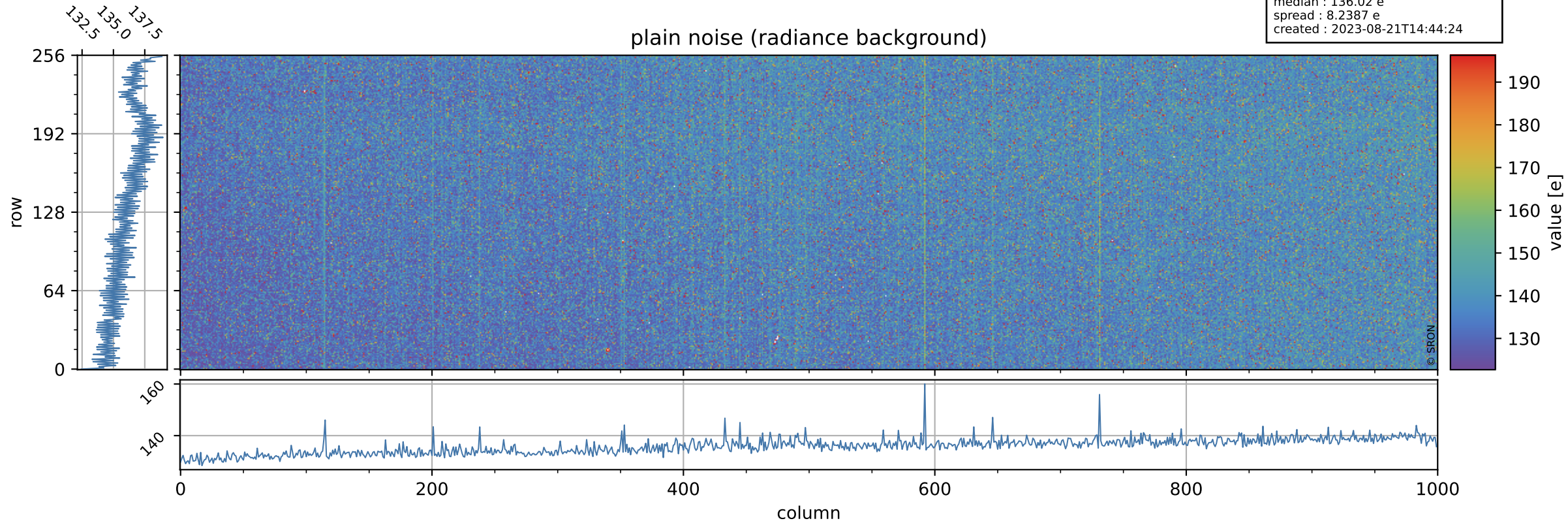
orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
n_coad, t_exp : 1, 1.0783
median : 148.42 e
spread : 10.434 e
created : 2023-08-21T14:44:23



Tropomi SWIR background noise (swir)

orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2387 e
created : 2023-08-21T14:44:24

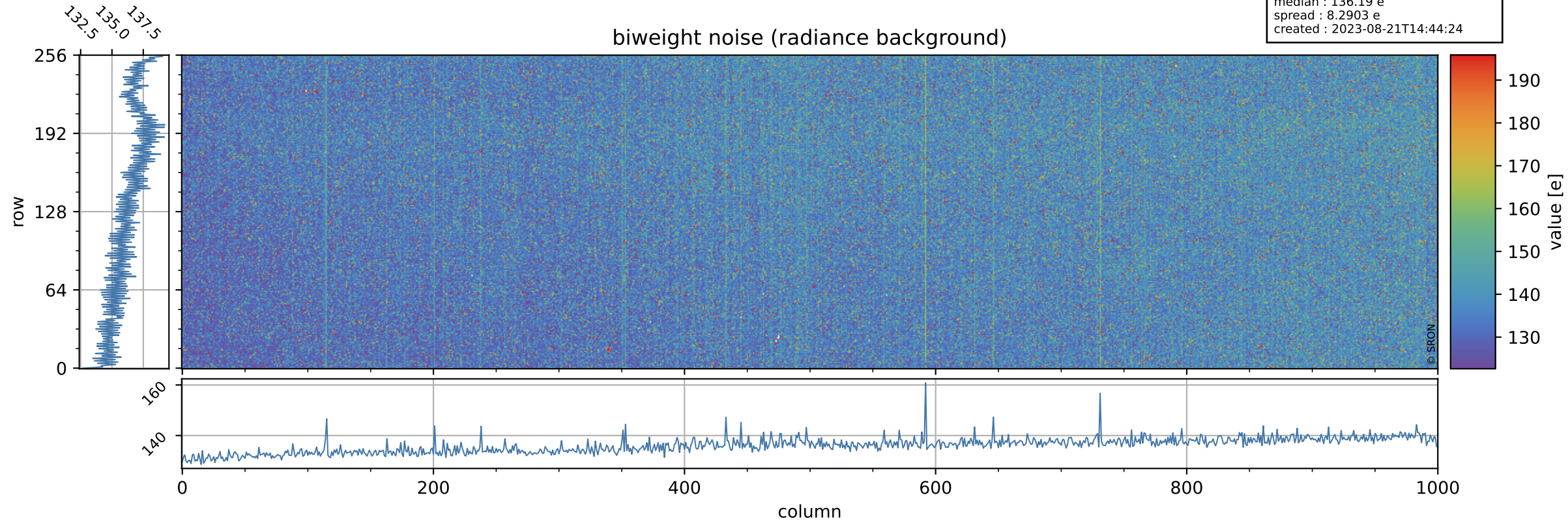
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.2903 e
created : 2023-08-21T14:44:24

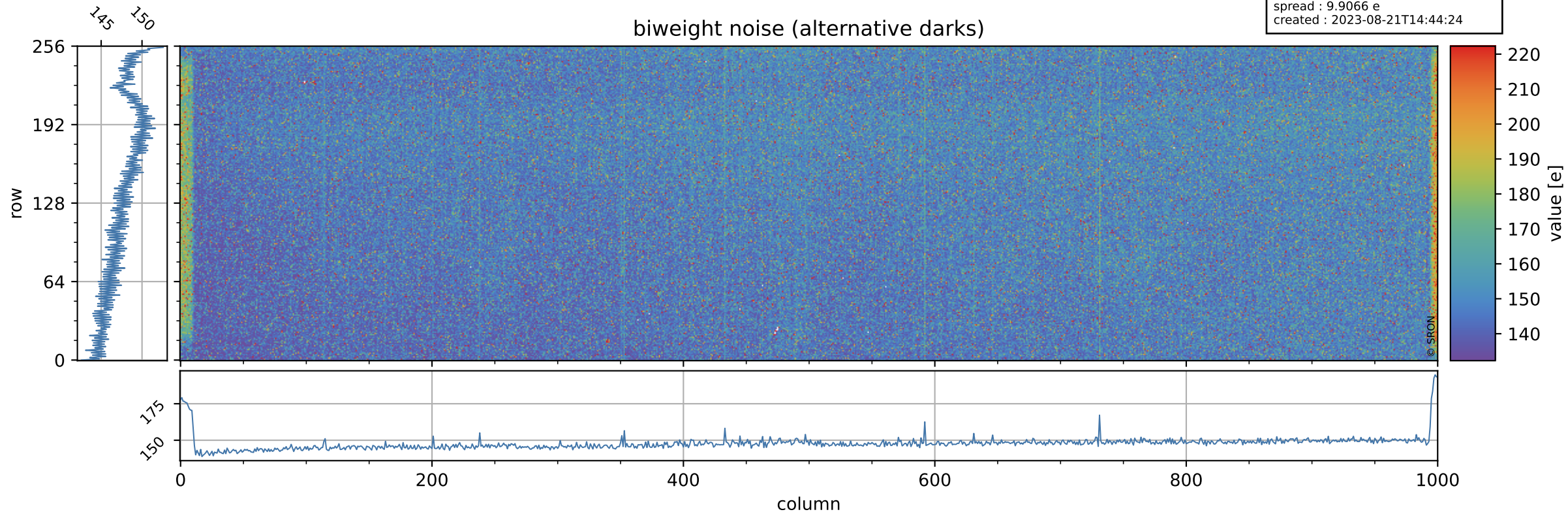
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9066 e
created : 2023-08-21T14:44:24

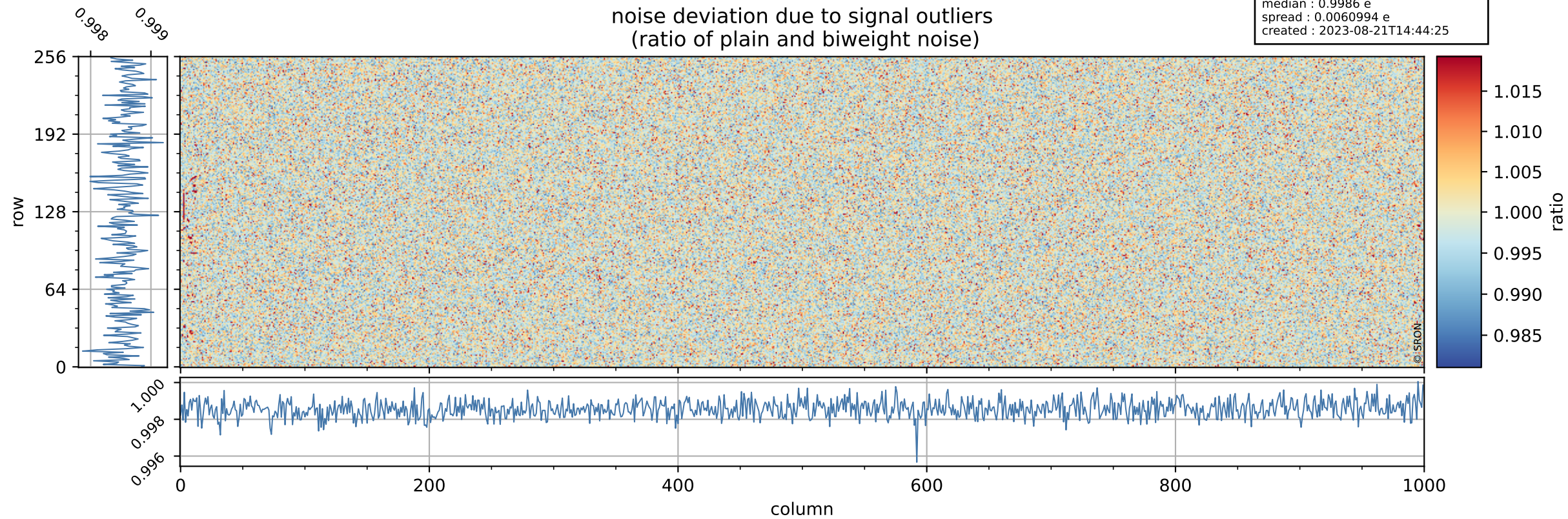
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

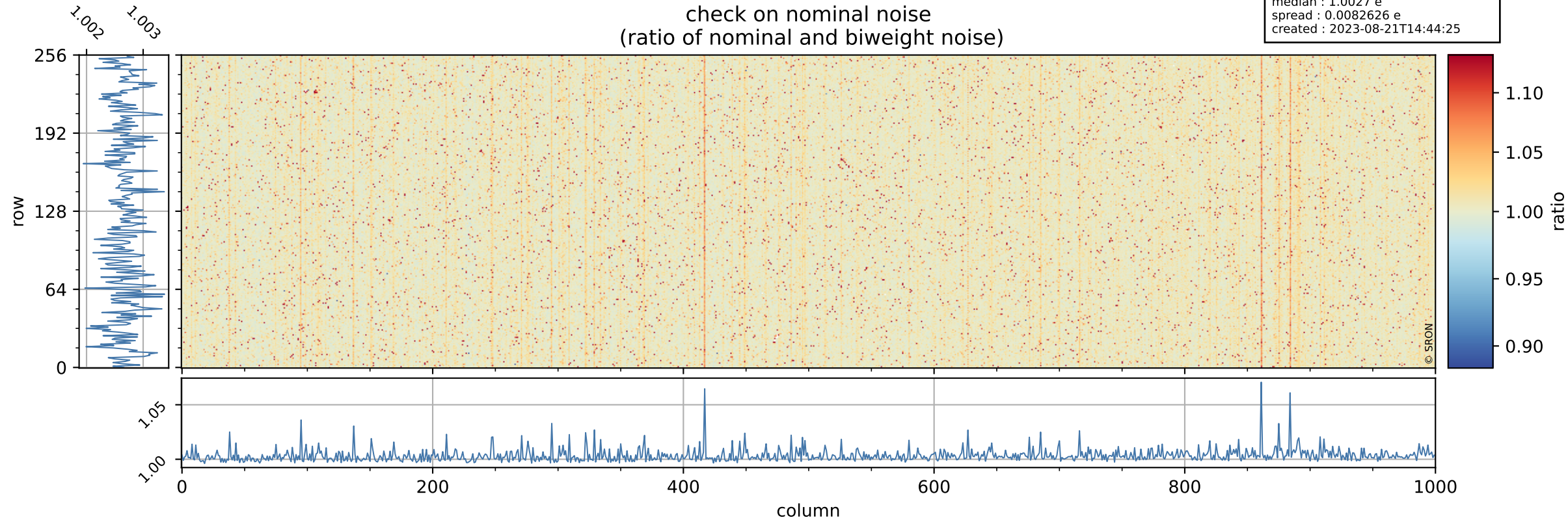
orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
median : 0.9986 e
spread : 0.0060994 e
created : 2023-08-21T14:44:25



Tropomi SWIR background noise (swir)

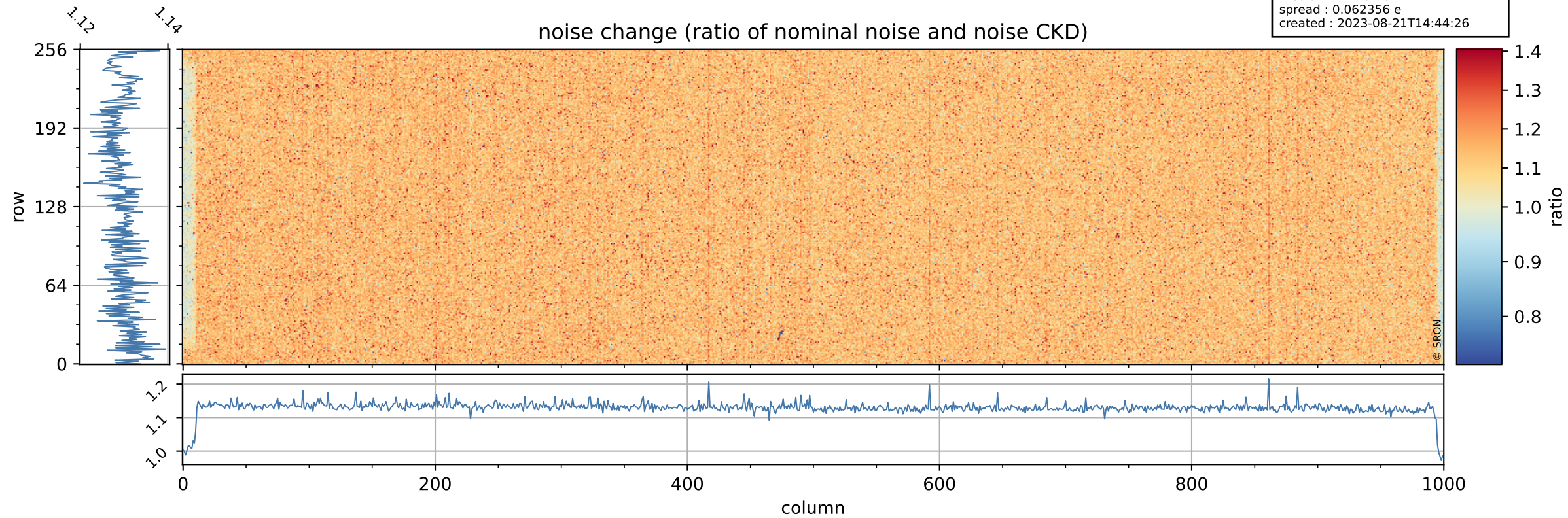
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
median : 1.0027 e
spread : 0.0082626 e
created : 2023-08-21T14:44:25



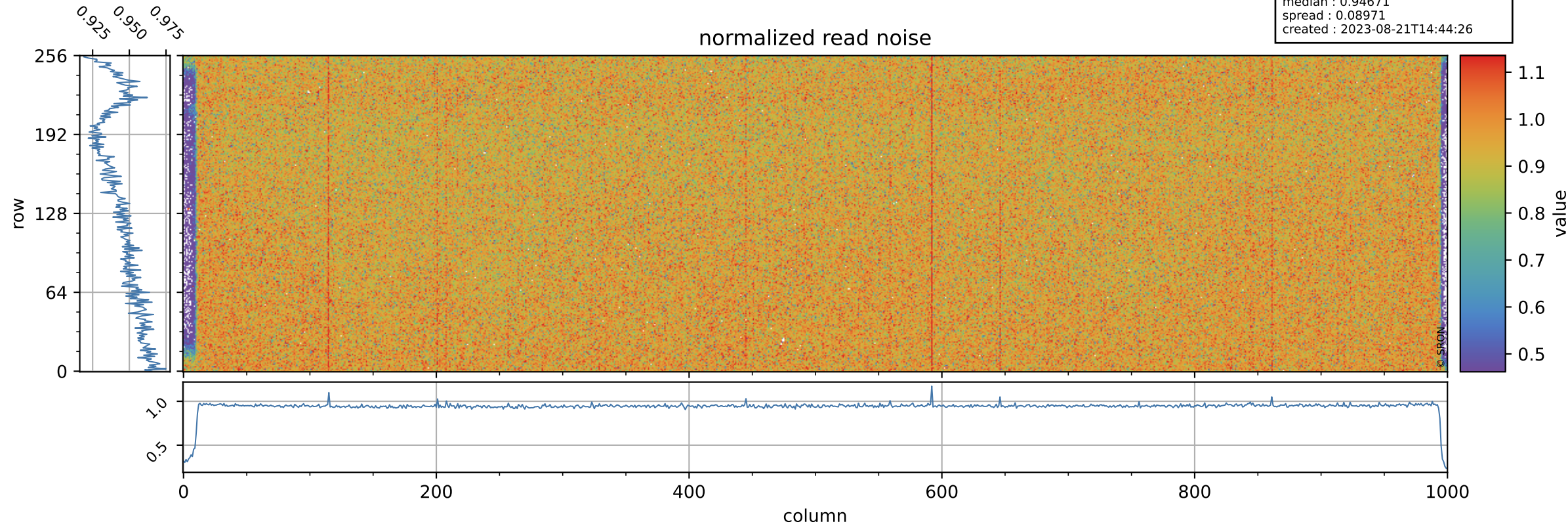
Tropomi SWIR background noise (swir)

orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
median : 1.1292 e
spread : 0.062356 e
created : 2023-08-21T14:44:26



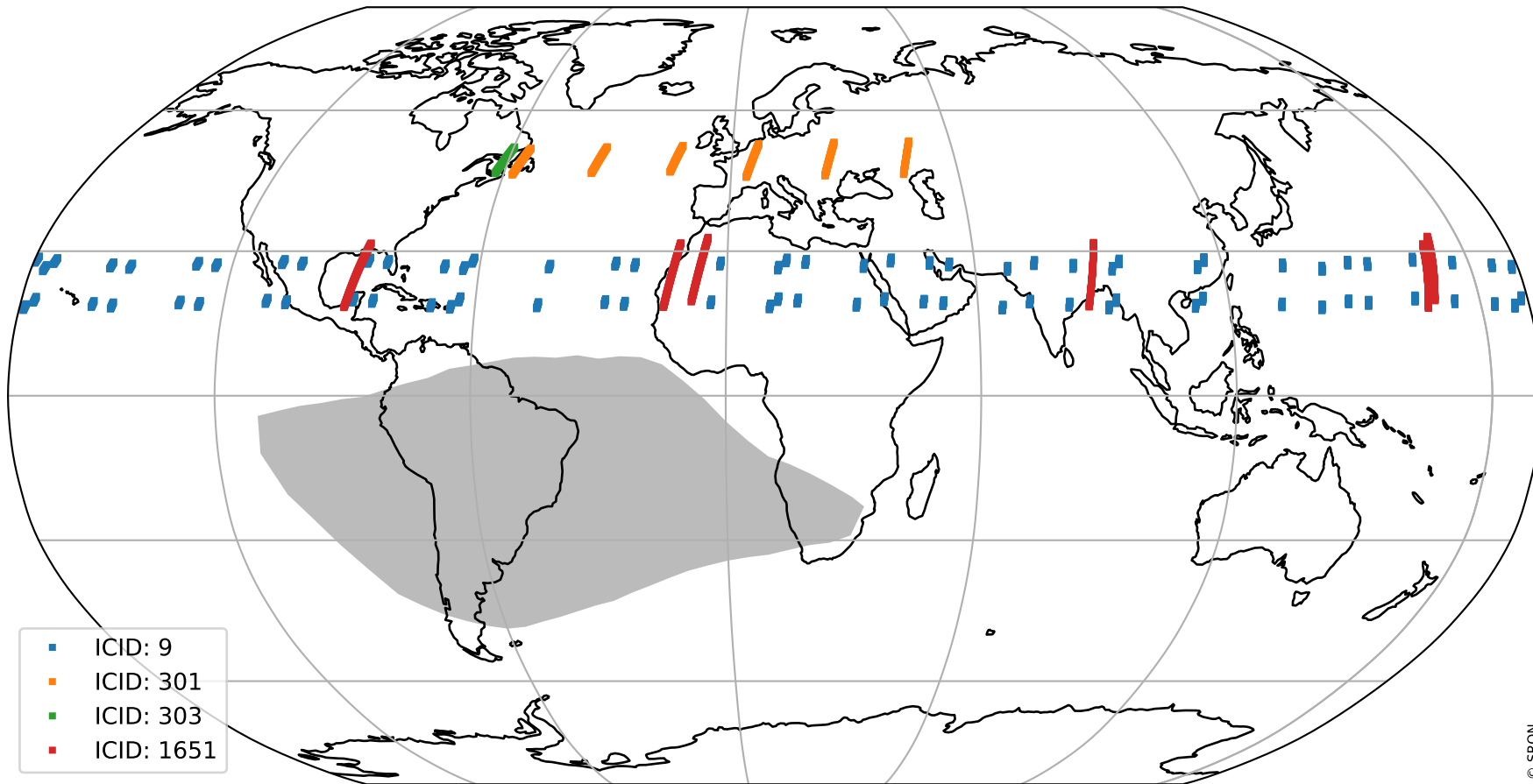
Tropomi SWIR background noise (swir)

orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
median : 0.94671
spread : 0.08971
created : 2023-08-21T14:44:26



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

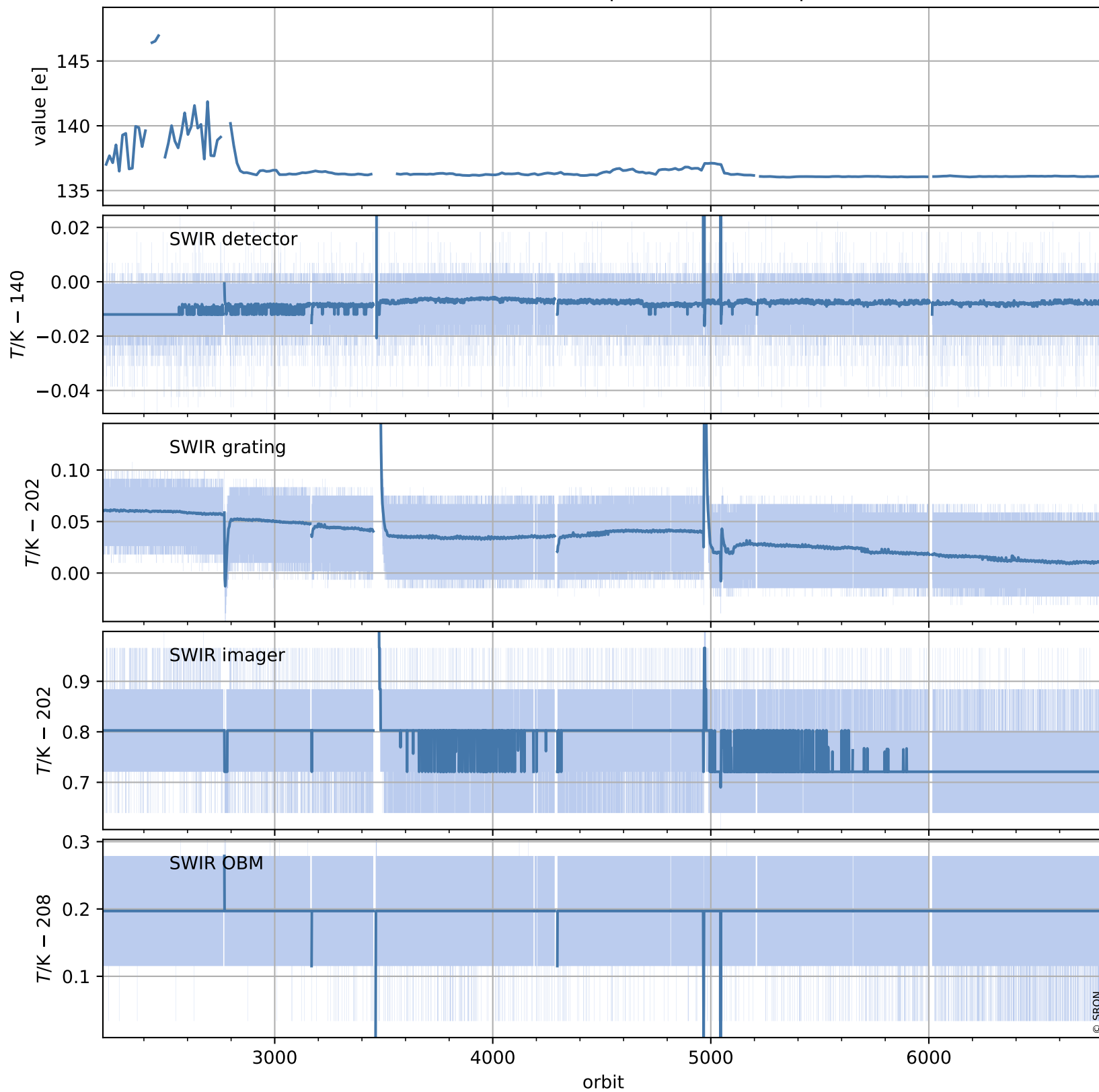
orbits : 13 in [6712, 6802]
coverage : 2019-01-29 / 2019-02-04
created : 2023-08-21T14:44:27



Tropomi SWIR background noise (swir)

orbits : [2212, 6802]
coverage : 2018-03-18 / 2019-02-04
created : 2023-08-21T14:44:27

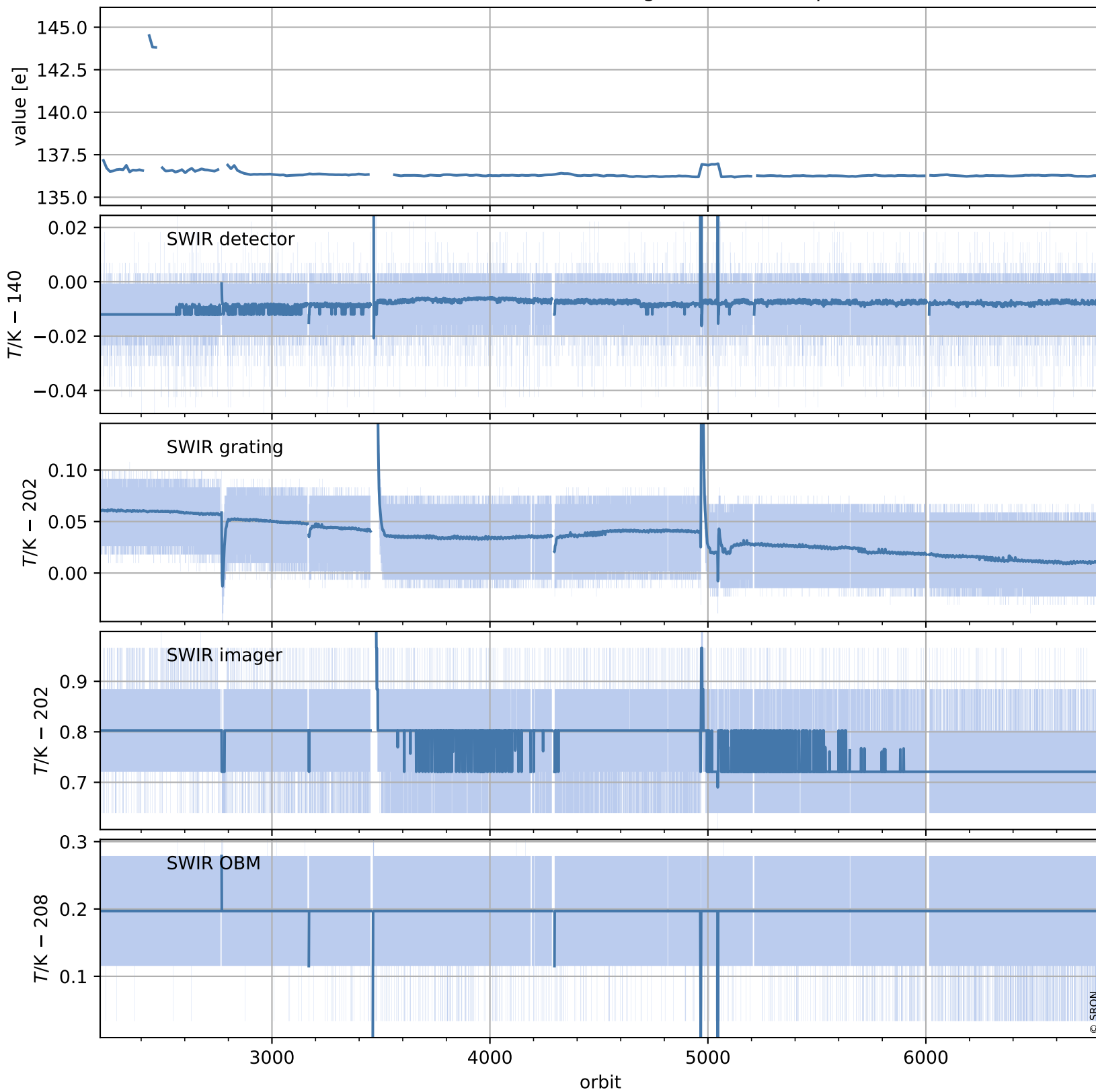
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6802]
coverage : 2018-03-18 / 2019-02-04
created : 2023-08-21T14:44:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6802]
coverage : 2018-03-18 / 2019-02-04
created : 2023-08-21T14:44:28

trend of normalized read-noise & temperatures

