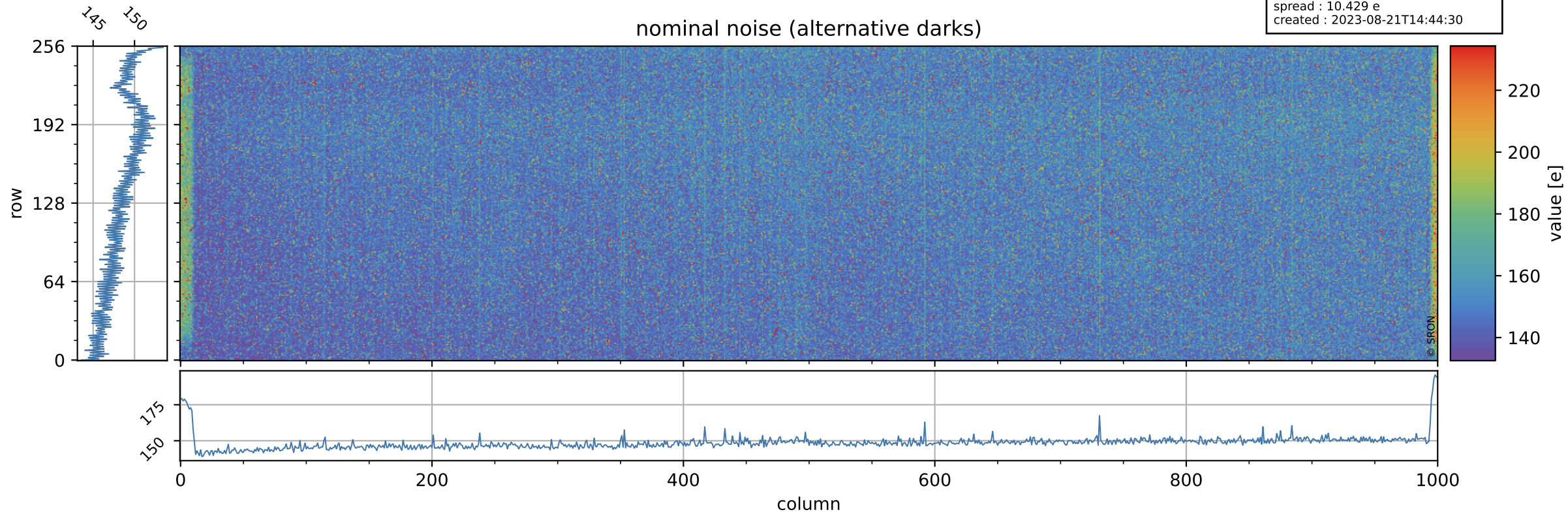


Tropomi SWIR background noise (swir)

orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.429 e
created : 2023-08-21T14:44:30

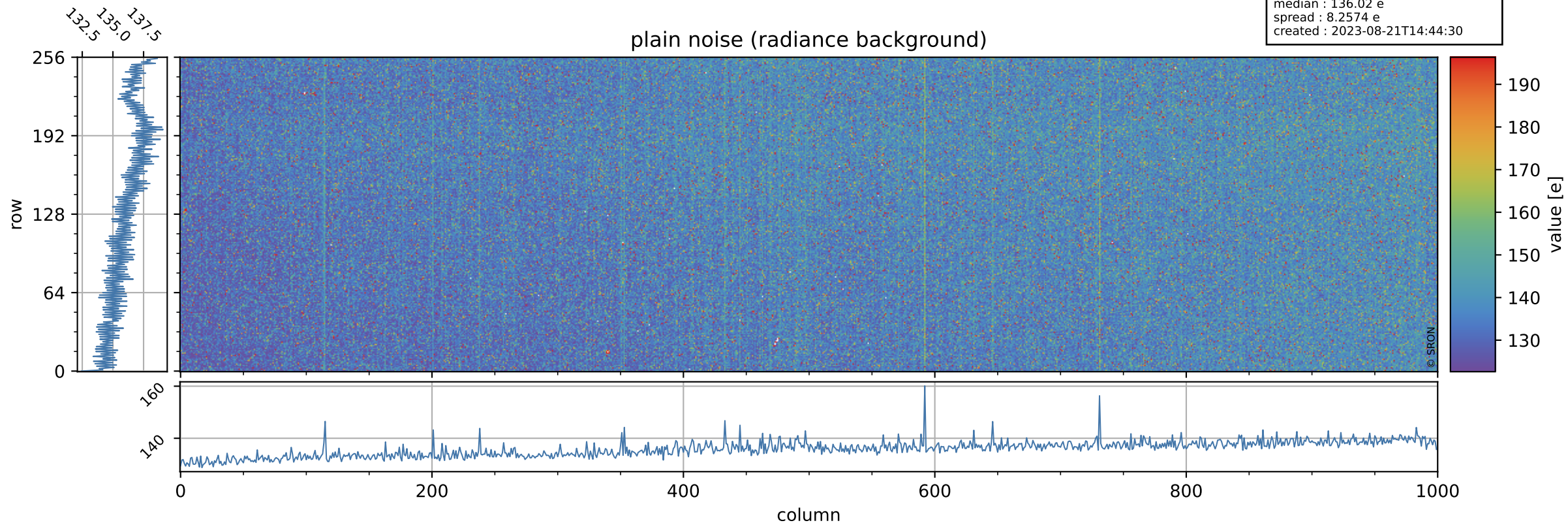
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2574 e
created : 2023-08-21T14:44:30

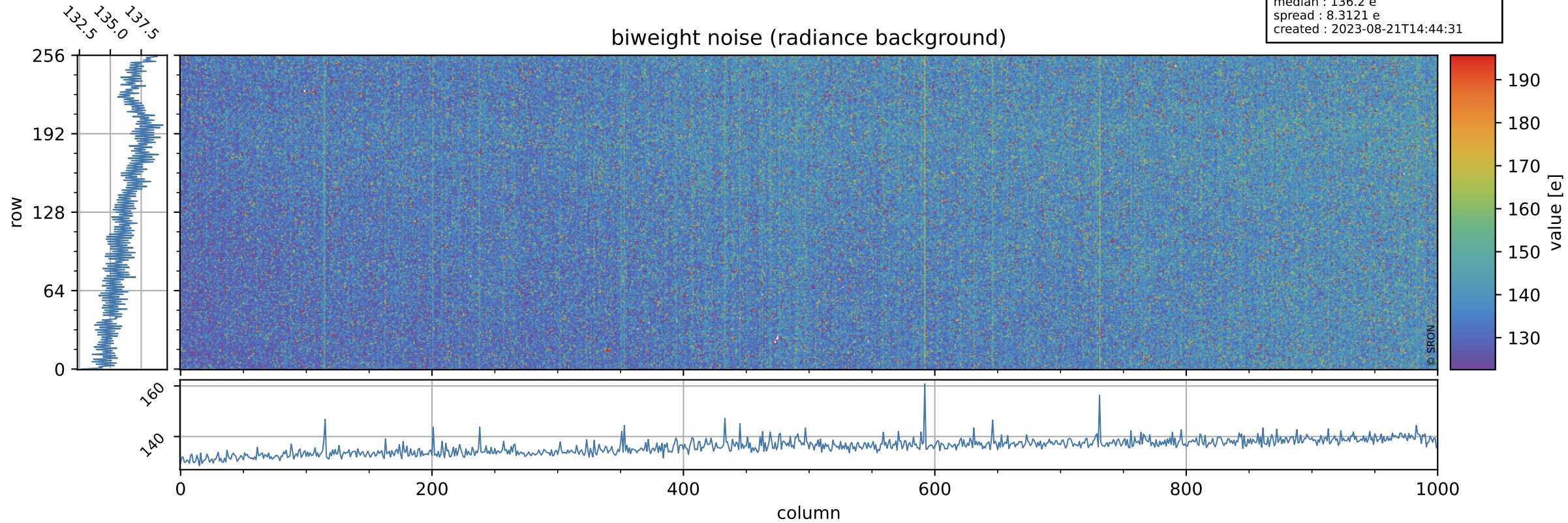
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.3121 e
created : 2023-08-21T14:44:31

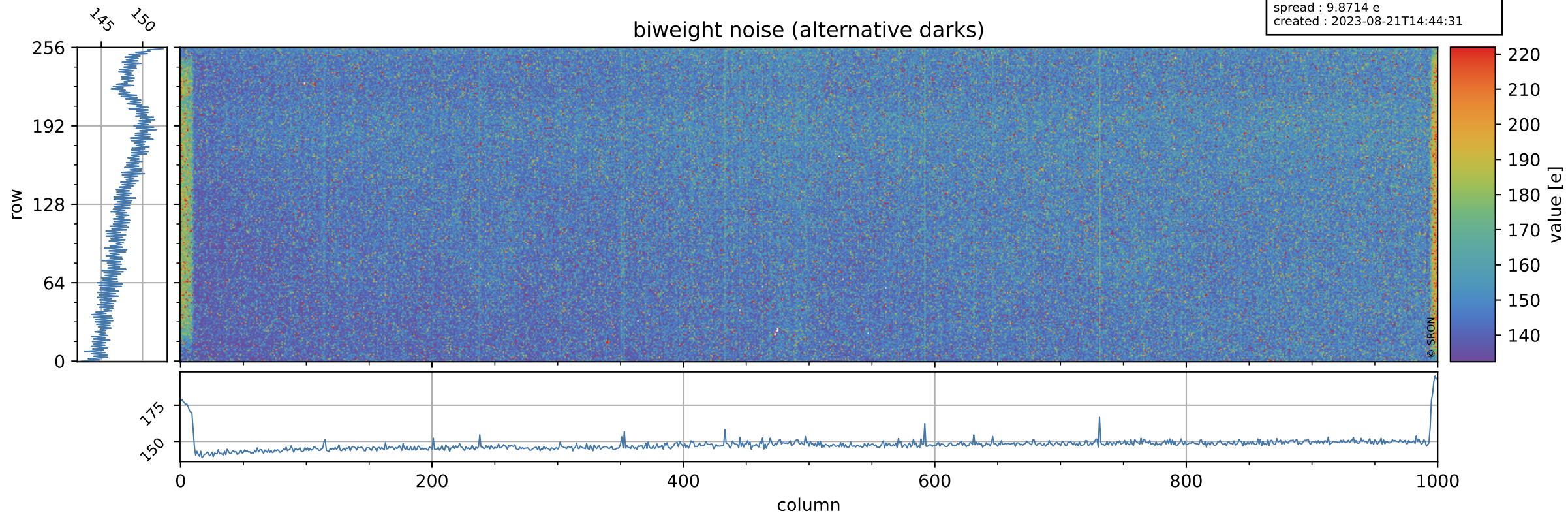
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.8714 e
created : 2023-08-21T14:44:31

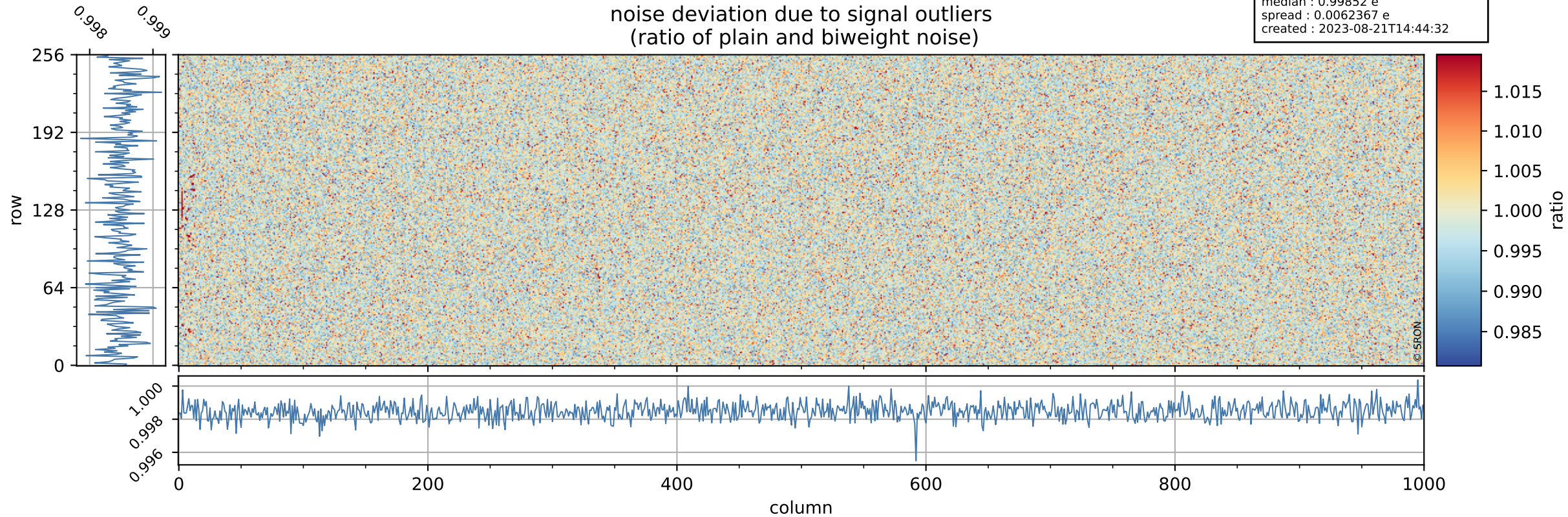
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

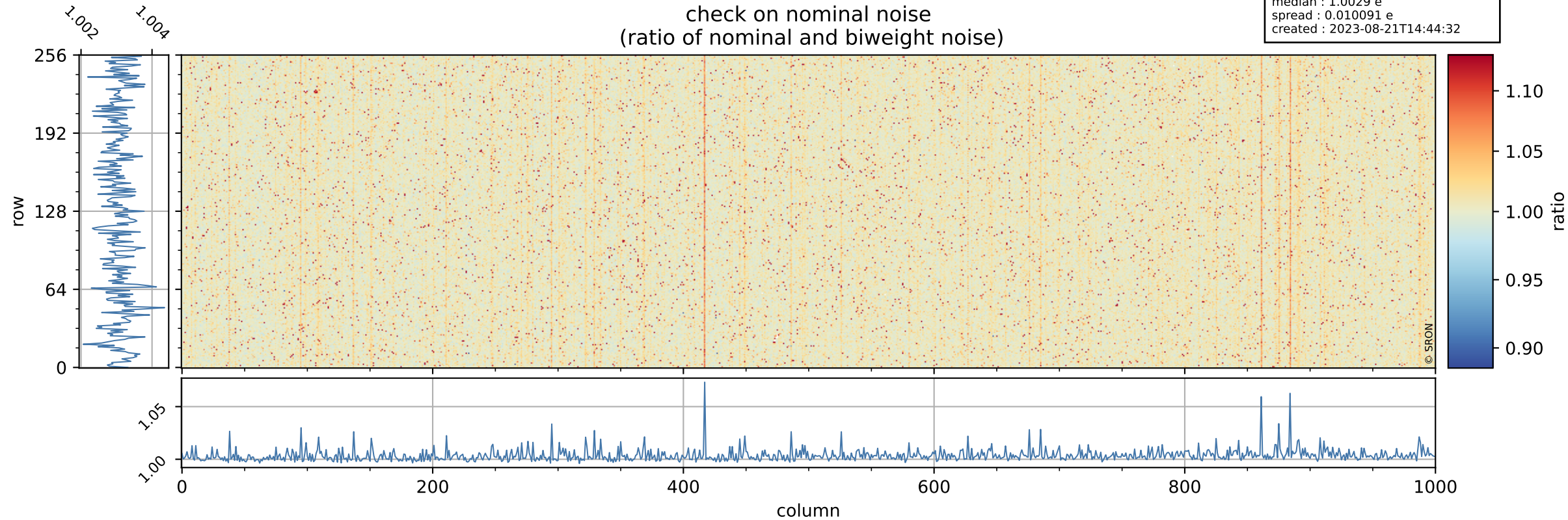
orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
median : 0.99852 e
spread : 0.0062367 e
created : 2023-08-21T14:44:32



Tropomi SWIR background noise (swir)

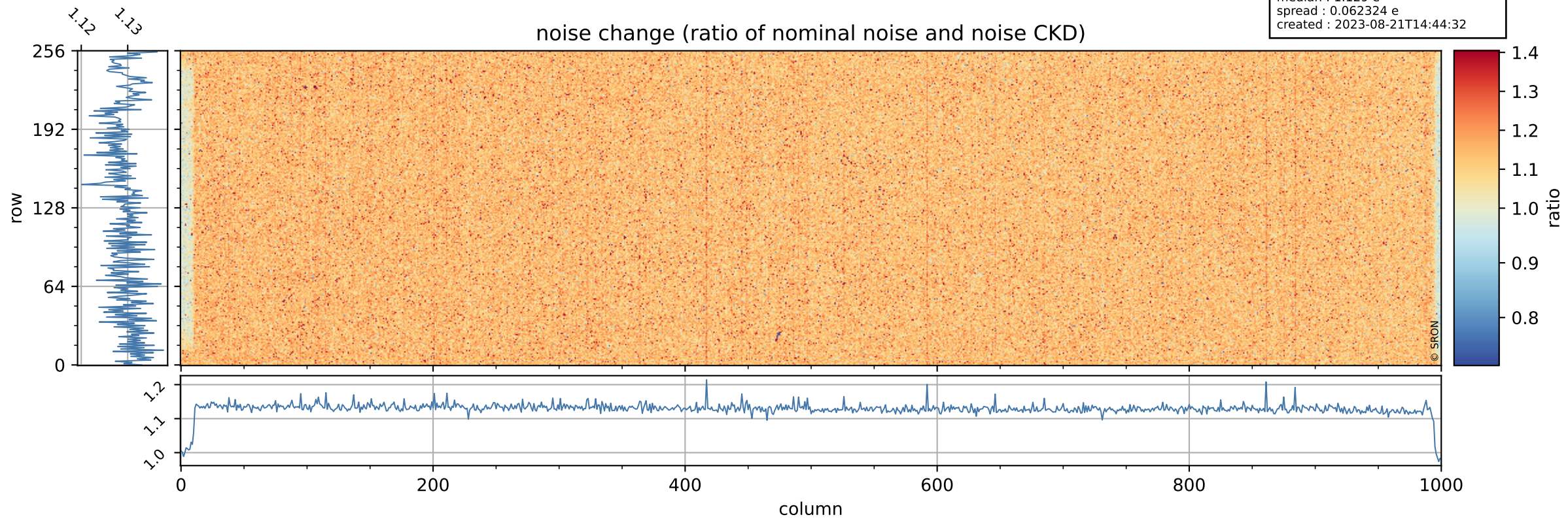
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
median : 1.0029 e
spread : 0.010091 e
created : 2023-08-21T14:44:32



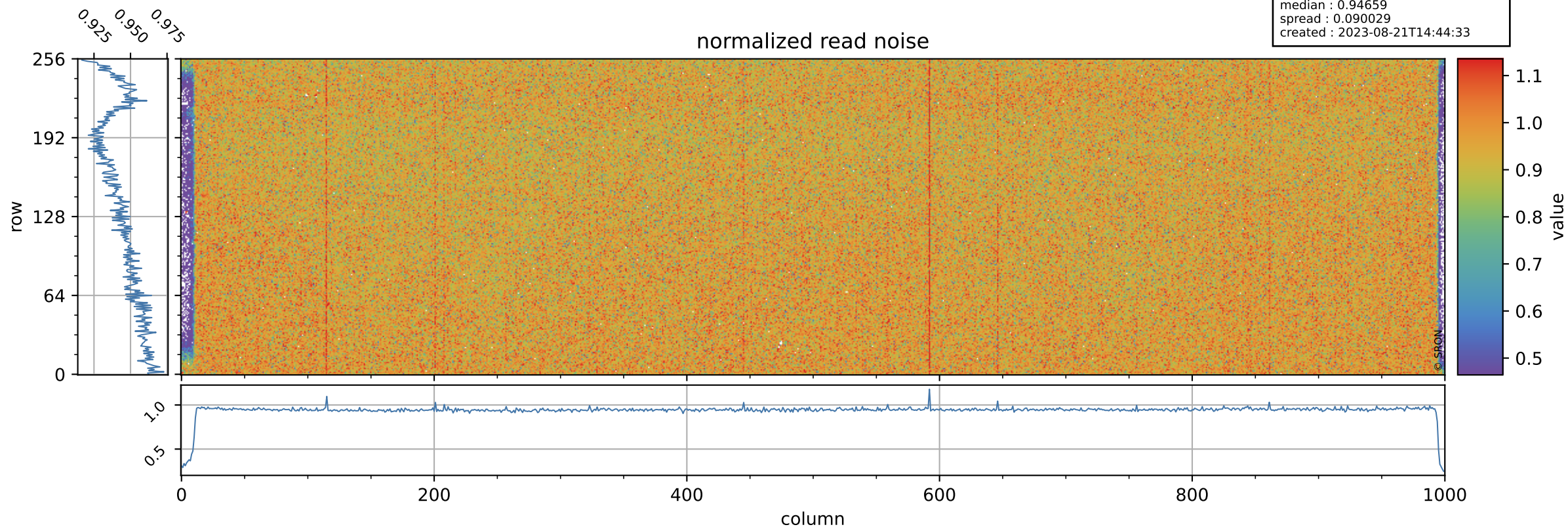
Tropomi SWIR background noise (swir)

orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
median : 1.129 e
spread : 0.062324 e
created : 2023-08-21T14:44:32



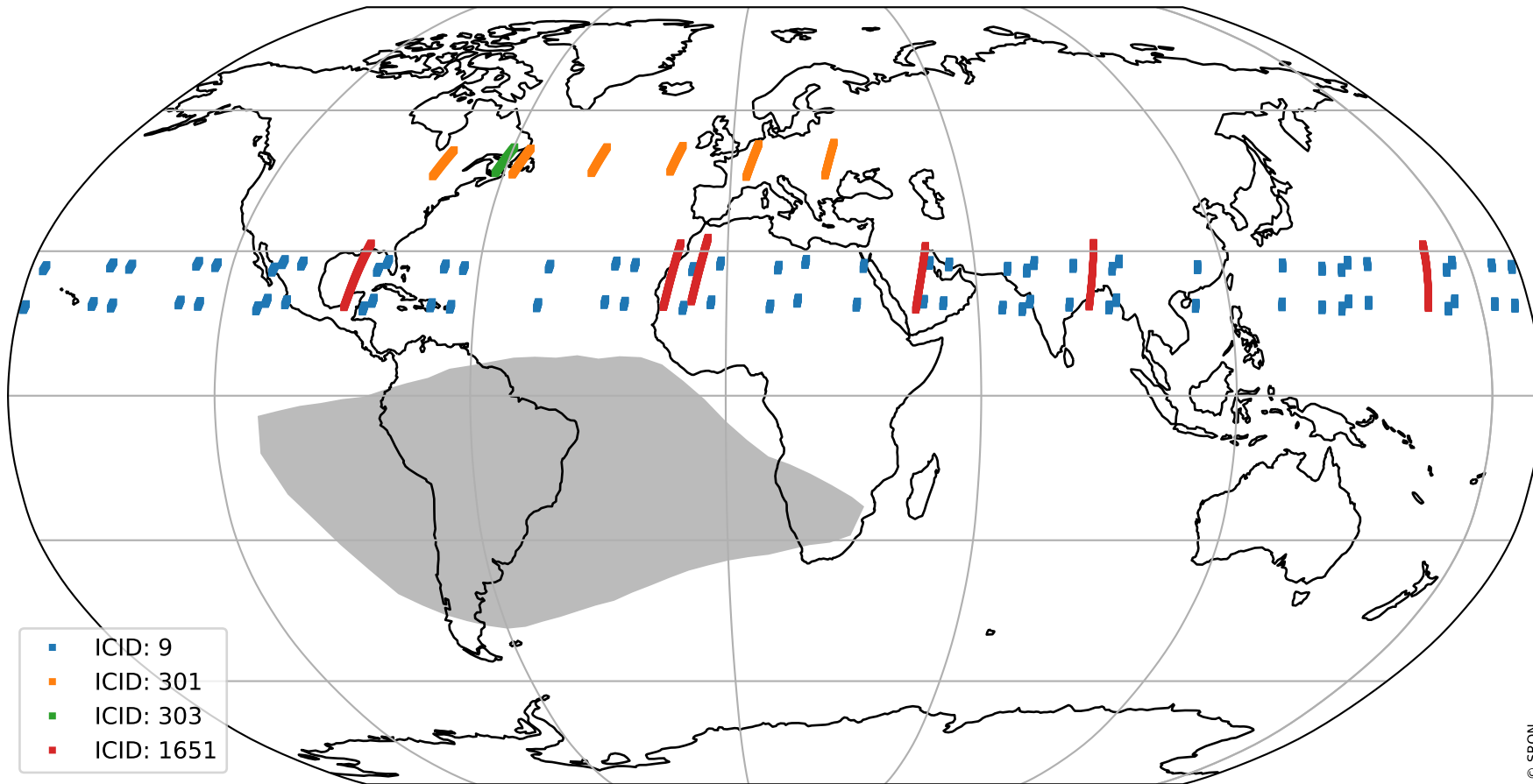
Tropomi SWIR background noise (swir)

orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
median : 0.94659
spread : 0.090029
created : 2023-08-21T14:44:33



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

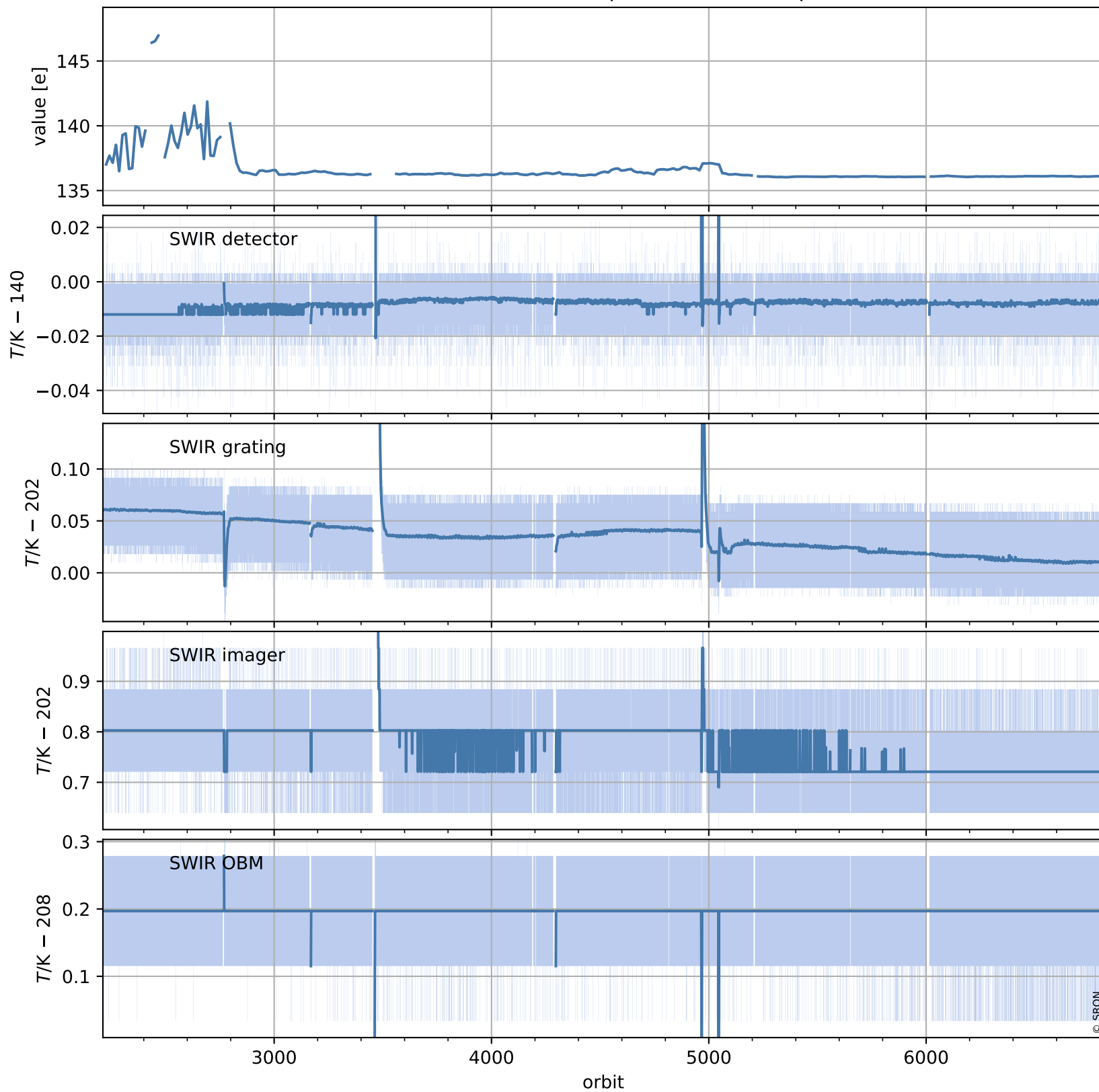
orbits : 13 in [6727, 6817]
coverage : 2019-01-30 / 2019-02-05
created : 2023-08-21T14:44:33



Tropomi SWIR background noise (swir)

orbits : [2212, 6817]
coverage : 2018-03-18 / 2019-02-05
created : 2023-08-21T14:44:34

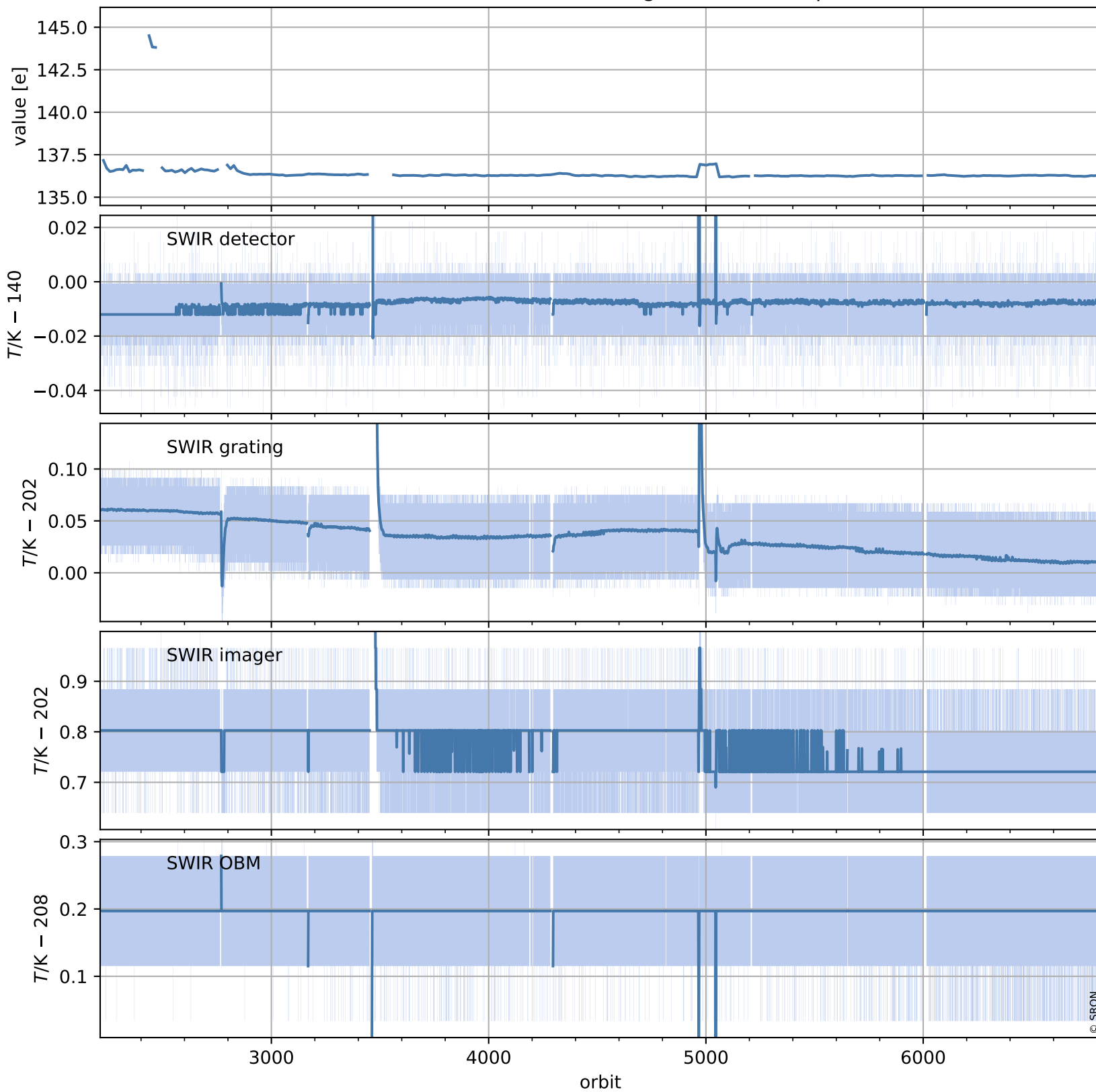
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6817]
coverage : 2018-03-18 / 2019-02-05
created : 2023-08-21T14:44:34

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6817]
coverage : 2018-03-18 / 2019-02-05
created : 2023-08-21T14:44:35

trend of normalized read-noise & temperatures

