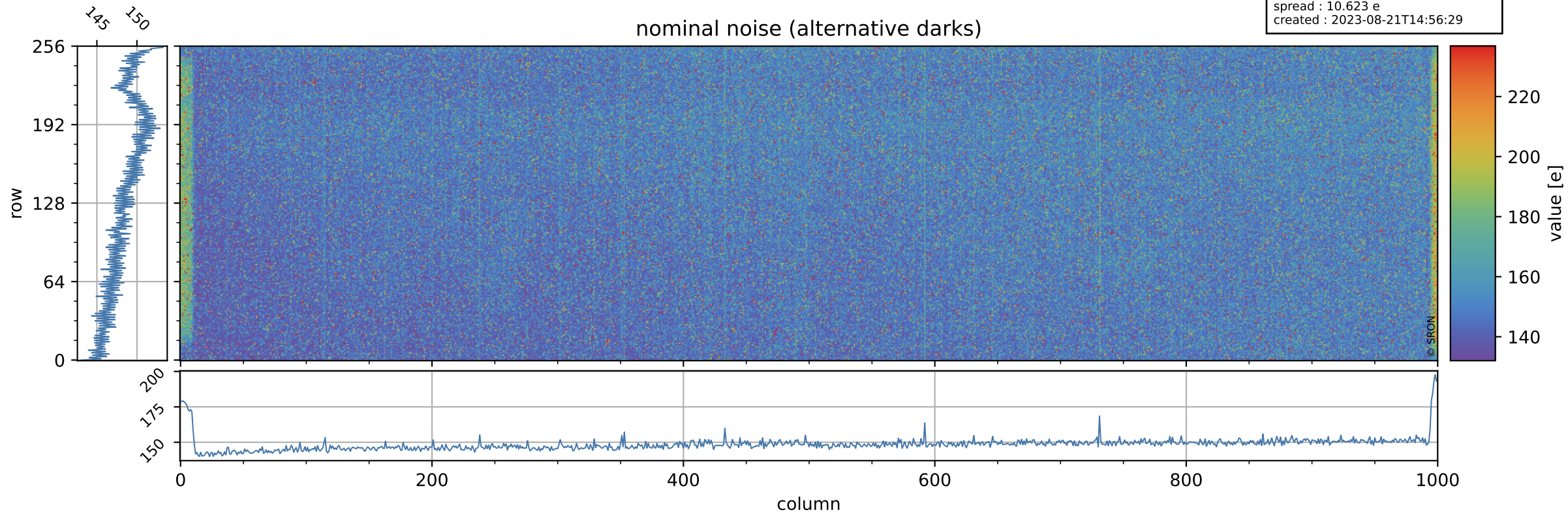


Tropomi SWIR background noise (swir)

orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.623 e
created : 2023-08-21T14:56:29

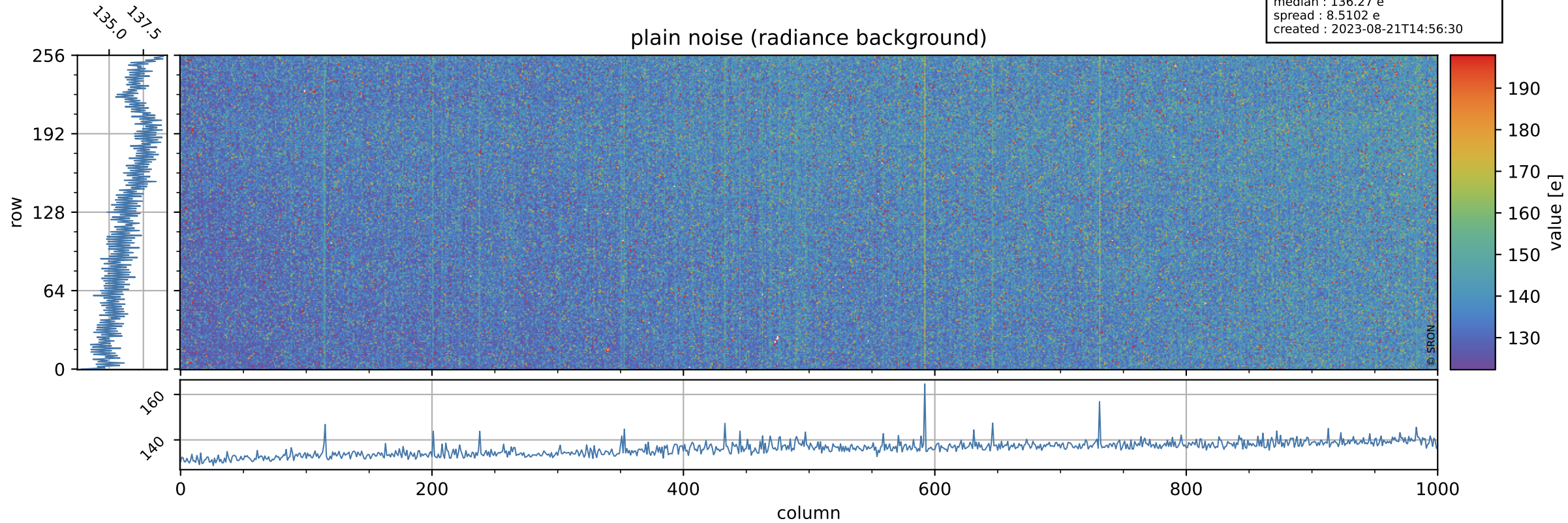
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.5102 e
created : 2023-08-21T14:56:30

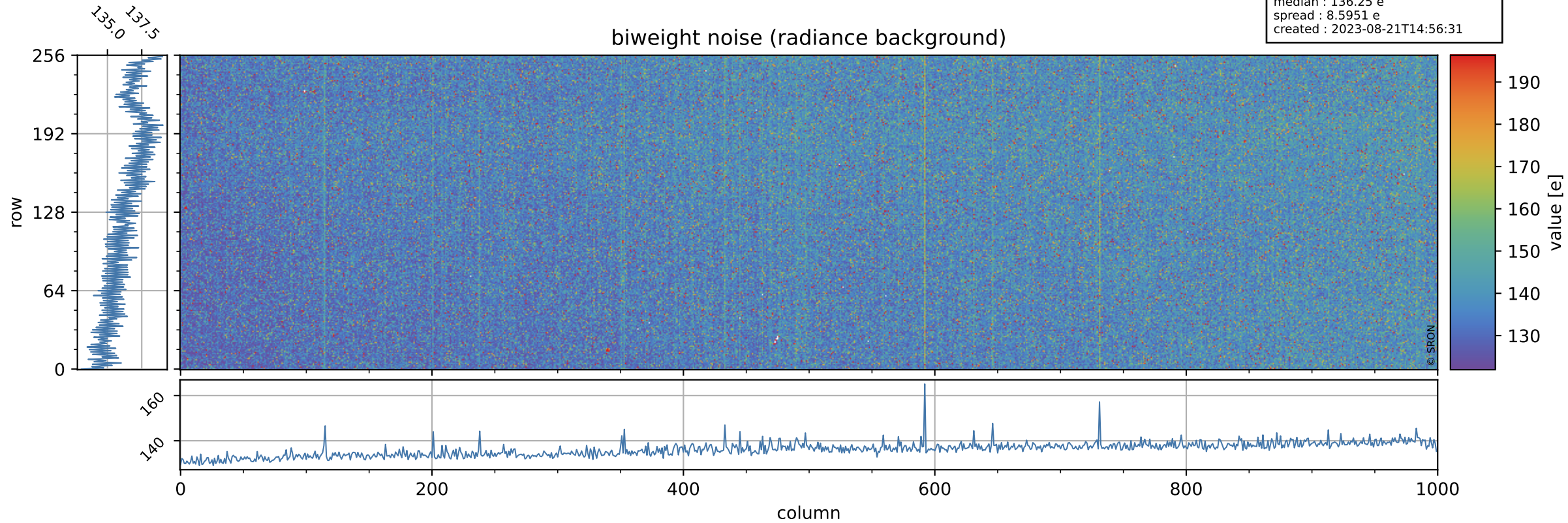
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5951 e
created : 2023-08-21T14:56:31

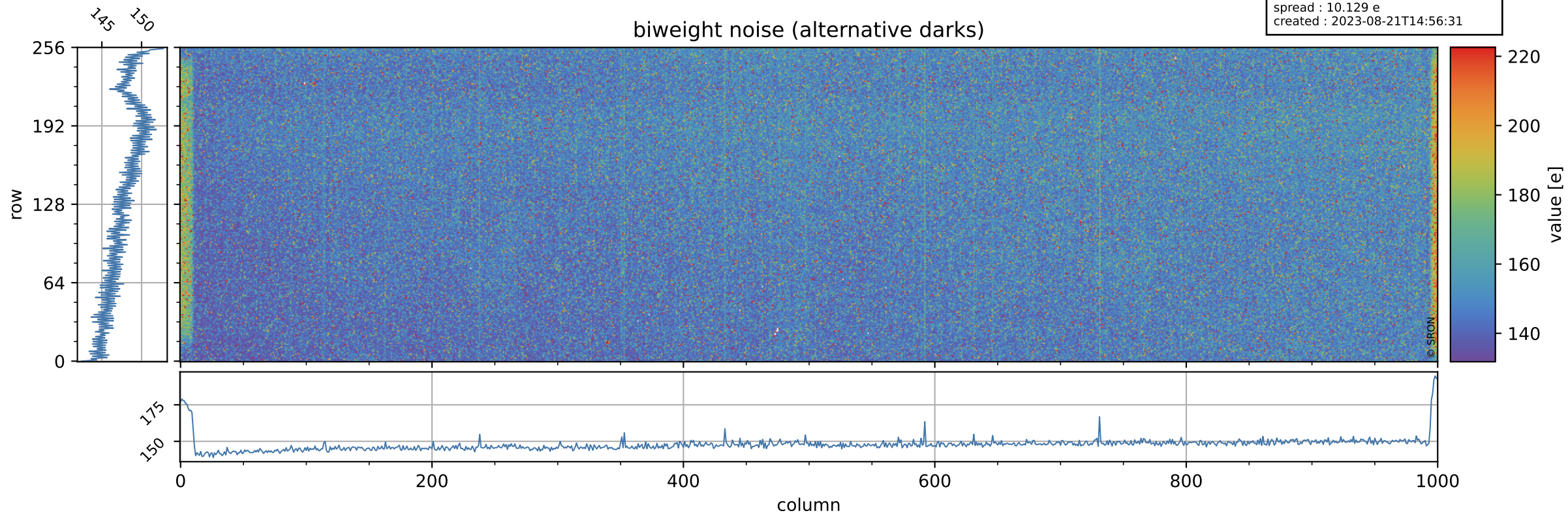
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.129 e
created : 2023-08-21T14:56:31

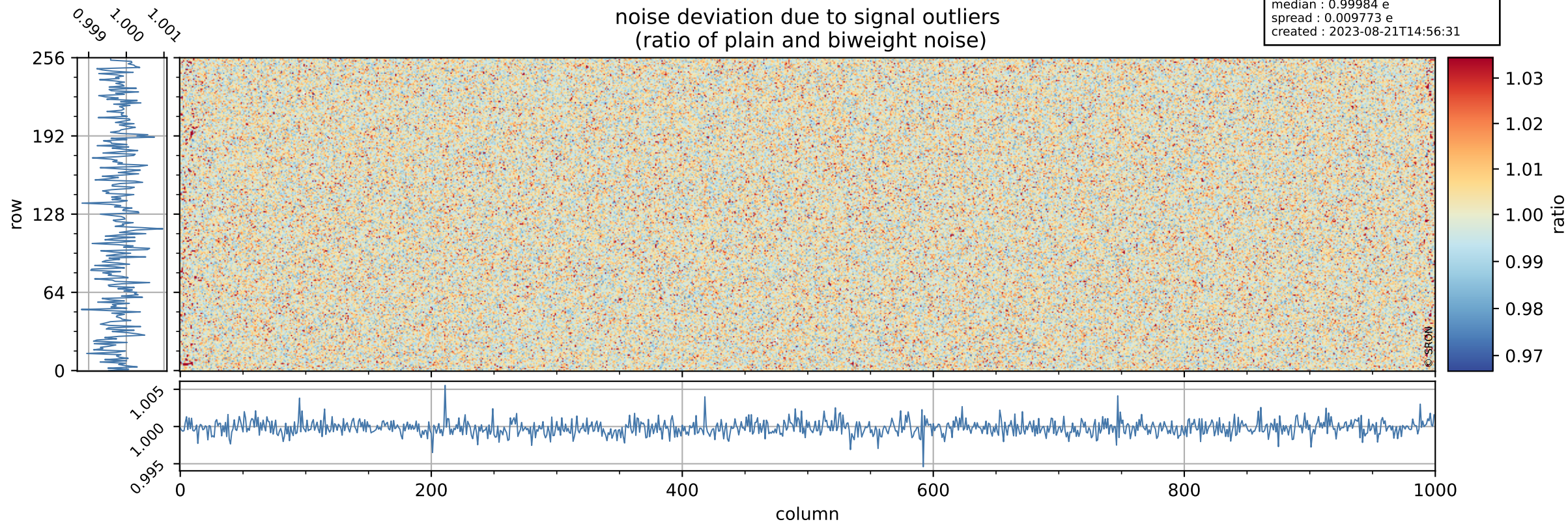
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

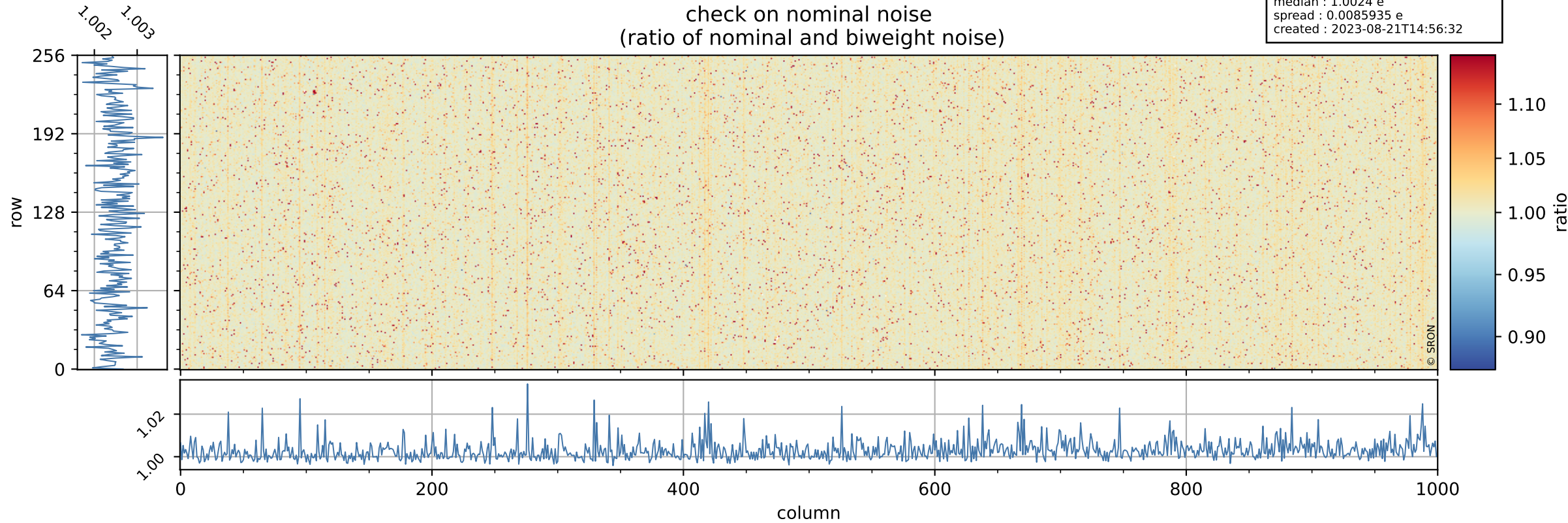
orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
median : 0.99984 e
spread : 0.009773 e
created : 2023-08-21T14:56:31



Tropomi SWIR background noise (swir)

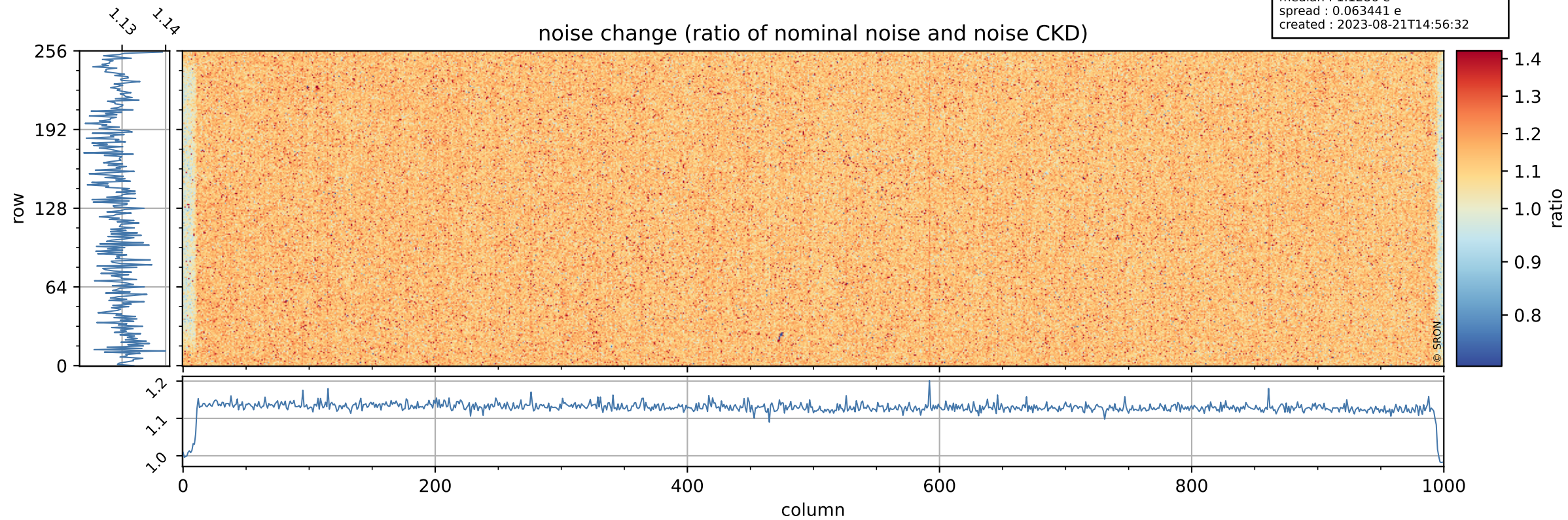
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
median : 1.0024 e
spread : 0.0085935 e
created : 2023-08-21T14:56:32



Tropomi SWIR background noise (swir)

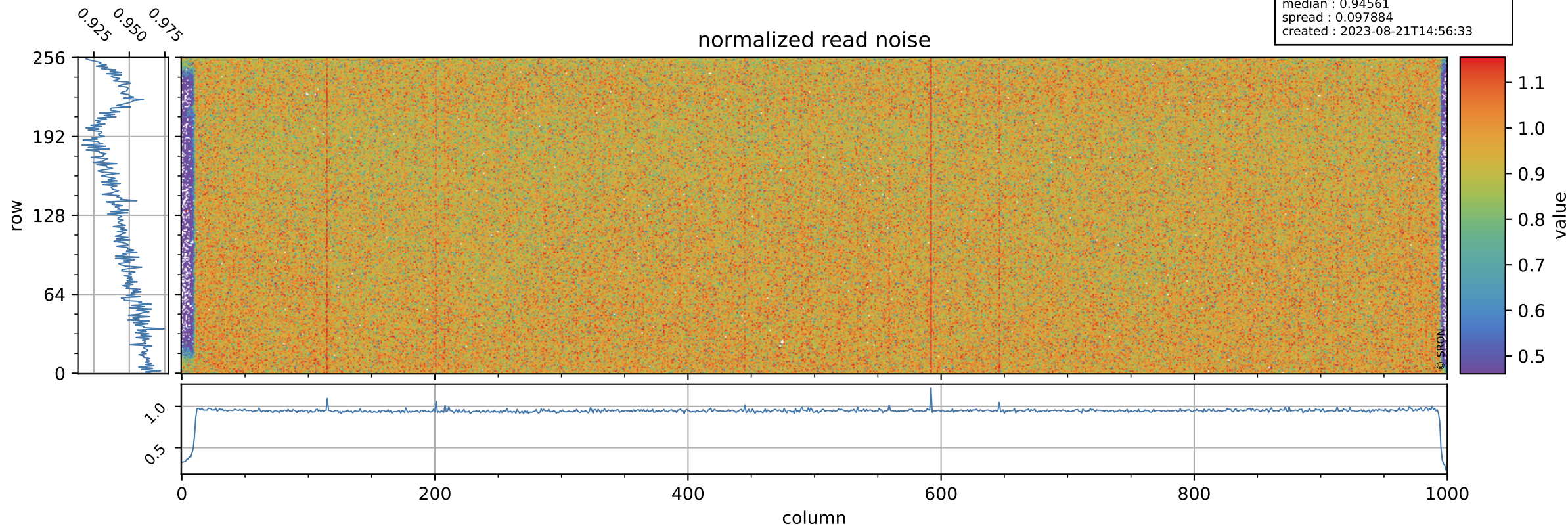
orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
median : 1.1286 e
spread : 0.063441 e
created : 2023-08-21T14:56:32



Tropomi SWIR background noise (swir)

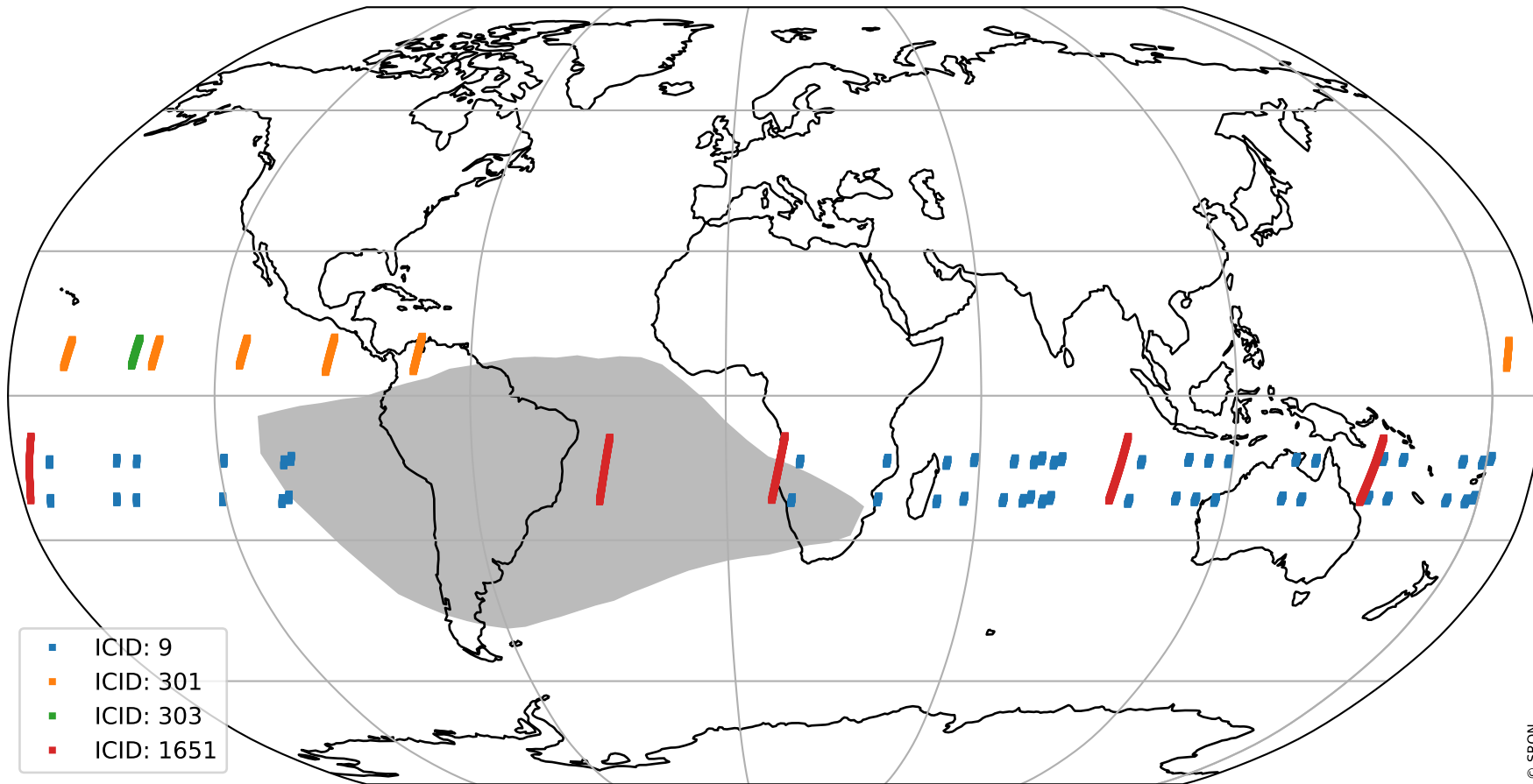
orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
median : 0.94561
spread : 0.097884
created : 2023-08-21T14:56:33

normalized read noise



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

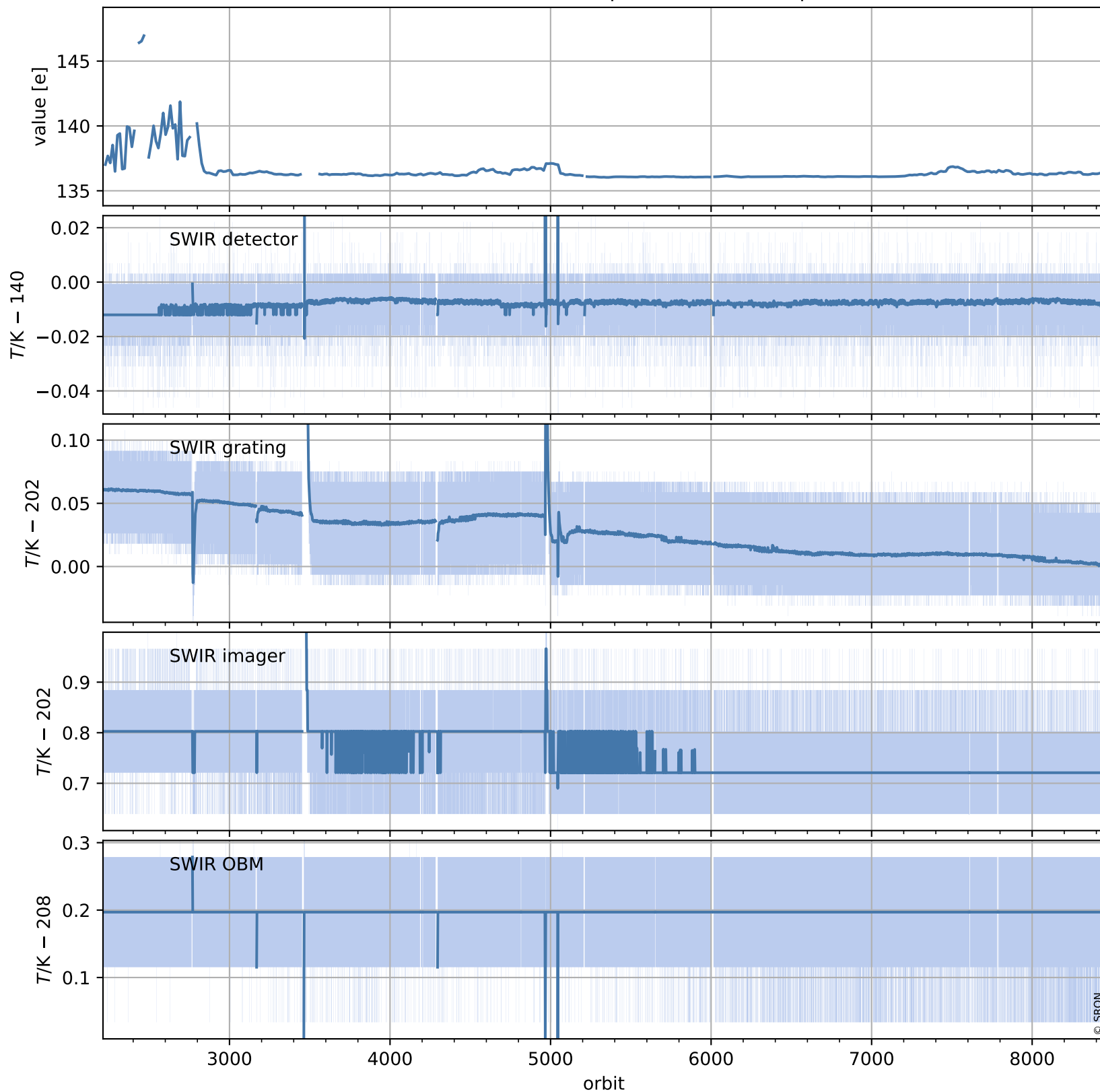
orbits : 12 in [8362, 8452]
coverage : 2019-05-26 / 2019-05-31
created : 2023-08-21T14:56:33



Tropomi SWIR background noise (swir)

orbits : [2212, 8452]
coverage : 2018-03-18 / 2019-05-31
created : 2023-08-21T14:56:34

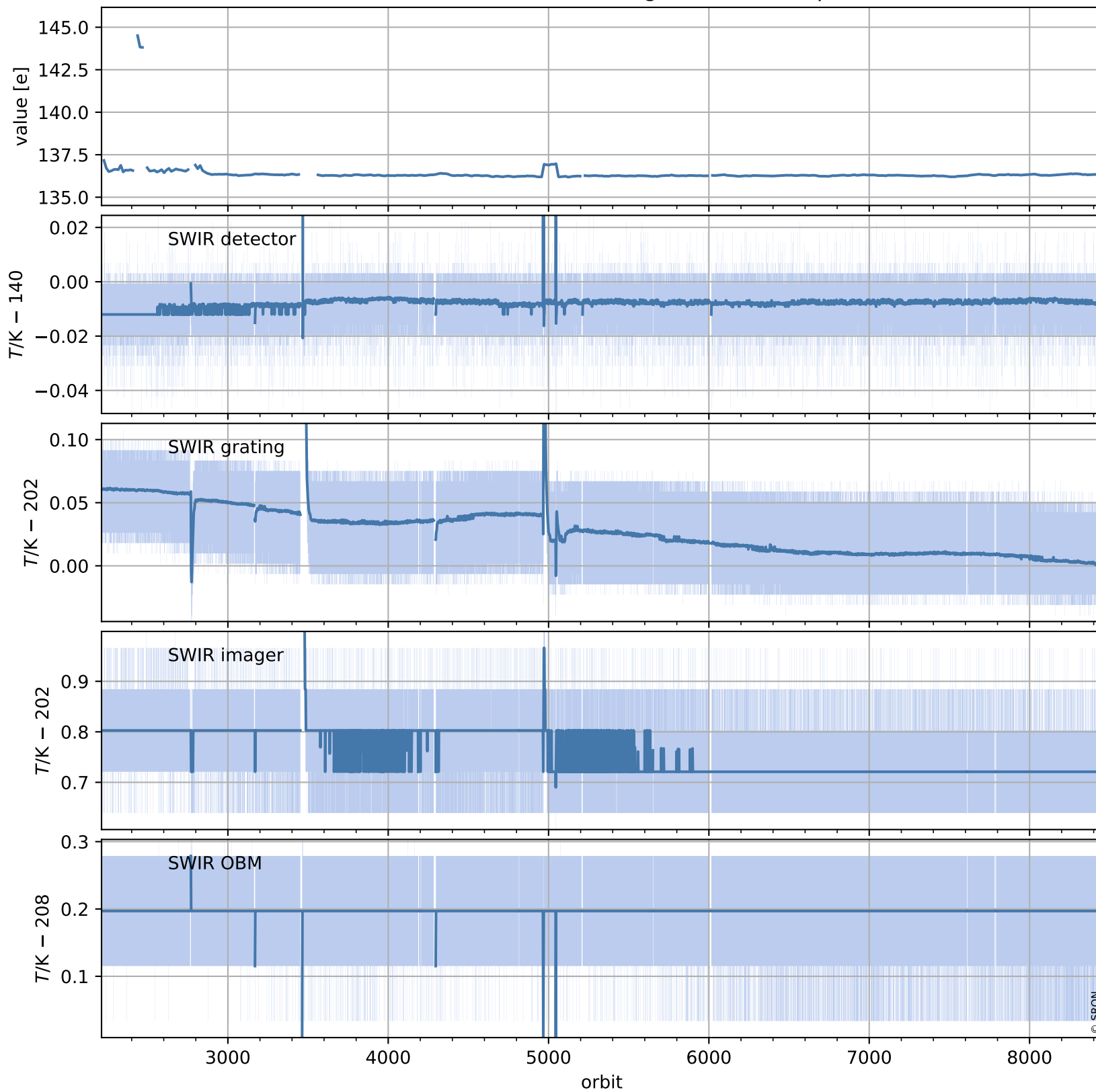
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8452]
coverage : 2018-03-18 / 2019-05-31
created : 2023-08-21T14:56:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8452]
coverage : 2018-03-18 / 2019-05-31
created : 2023-08-21T14:56:35

trend of normalized read-noise & temperatures

