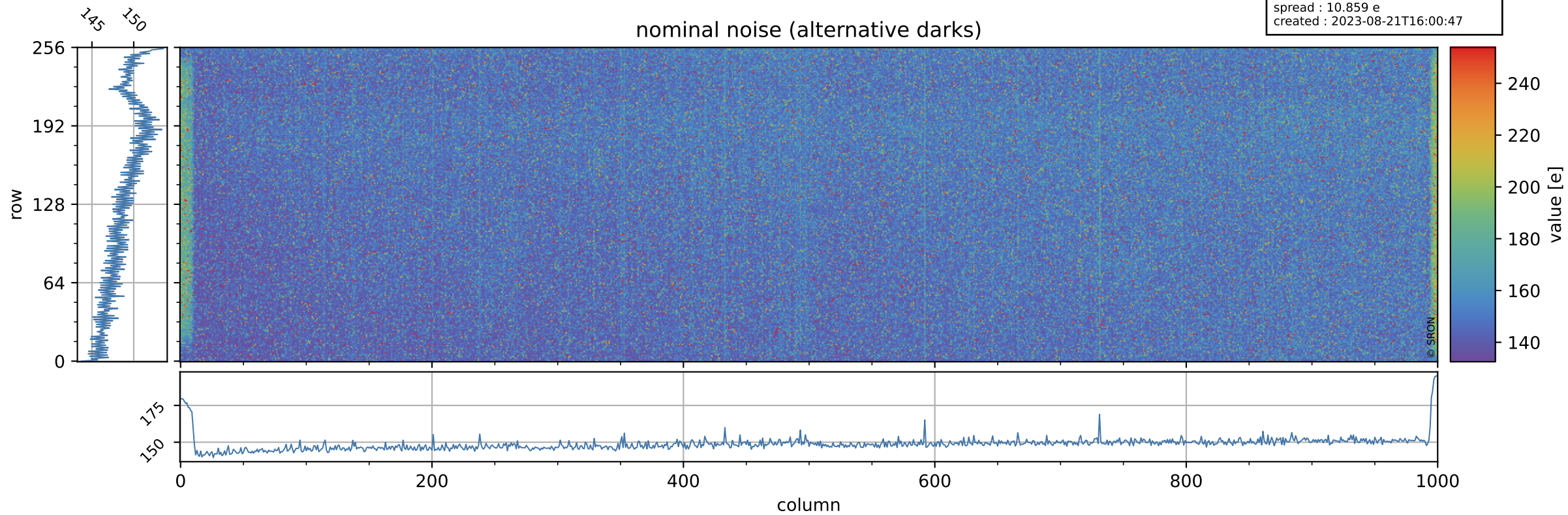


Tropomi SWIR background noise (swir)

orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.859 e
created : 2023-08-21T16:00:47

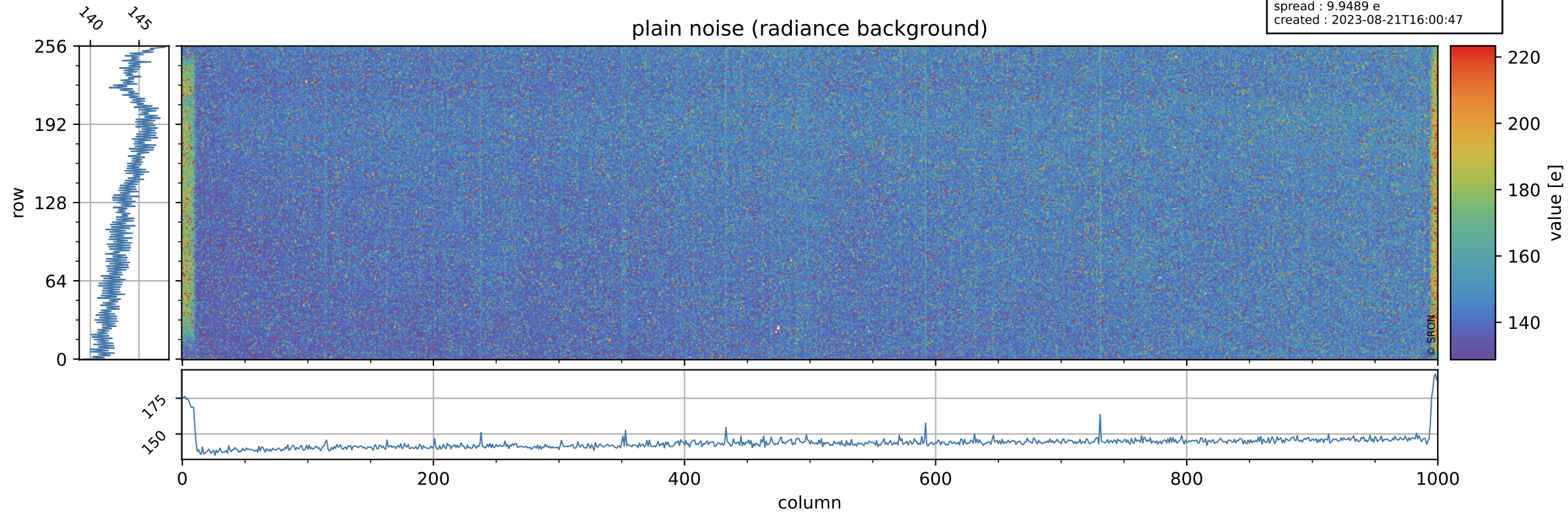
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
n_coad, t_exp : 1, 0.8383
median : 143.57 e
spread : 9.9489 e
created : 2023-08-21T16:00:47

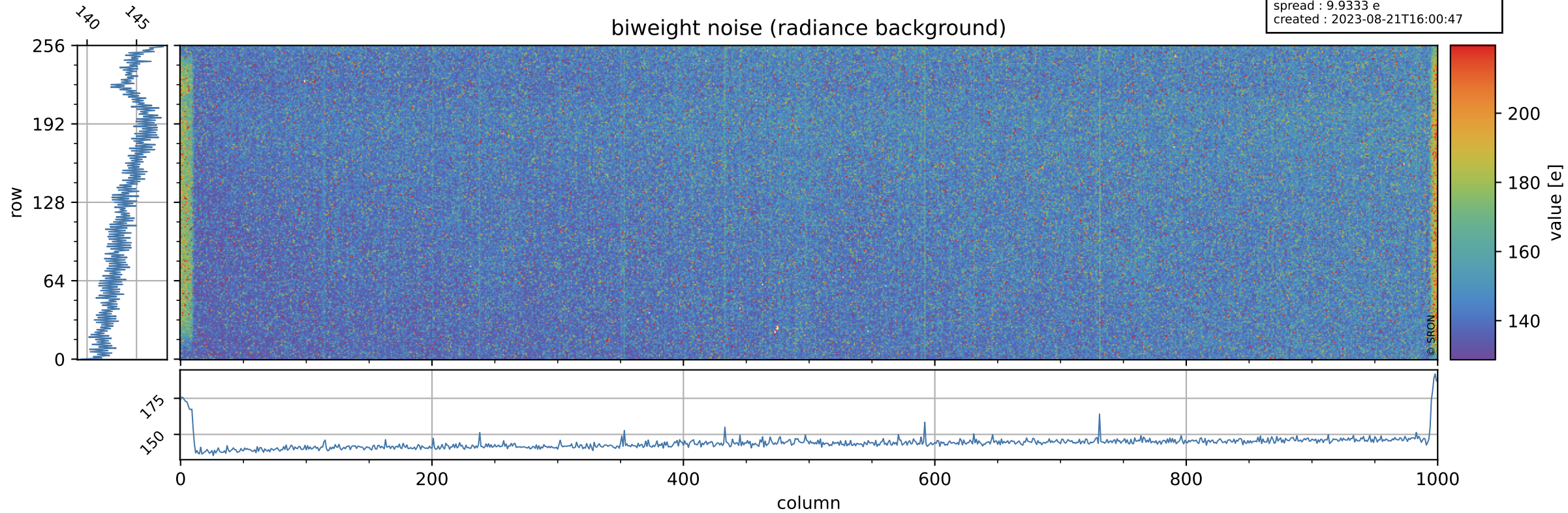
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9333 e
created : 2023-08-21T16:00:47

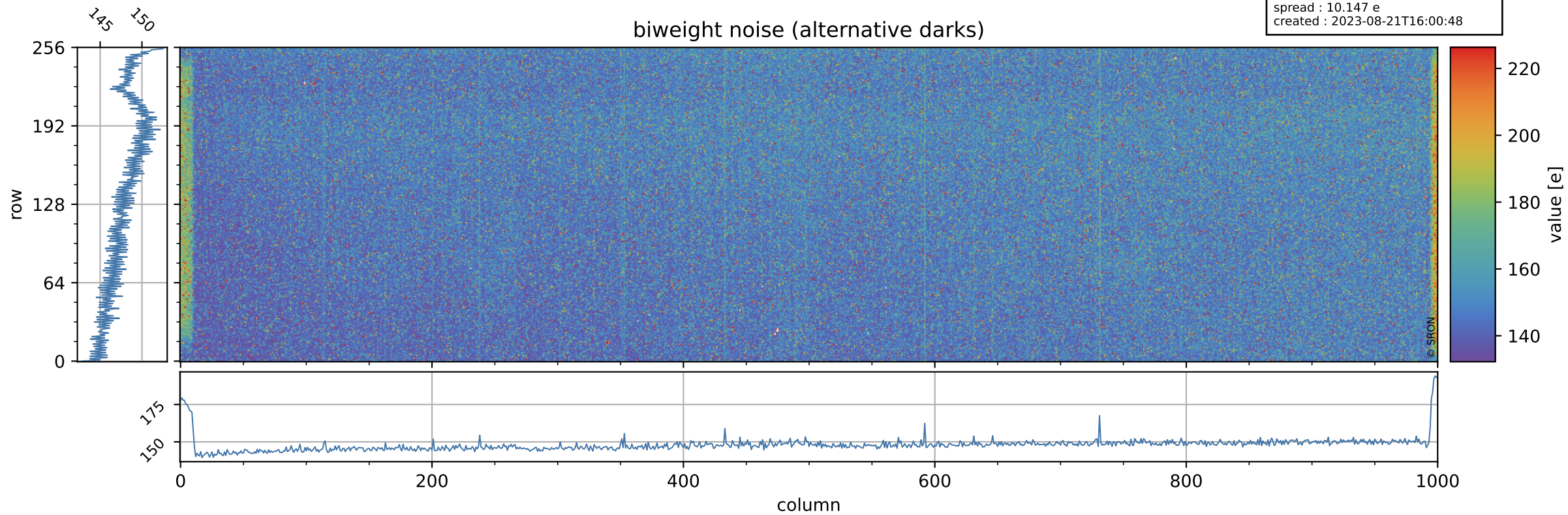
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.147 e
created : 2023-08-21T16:00:48

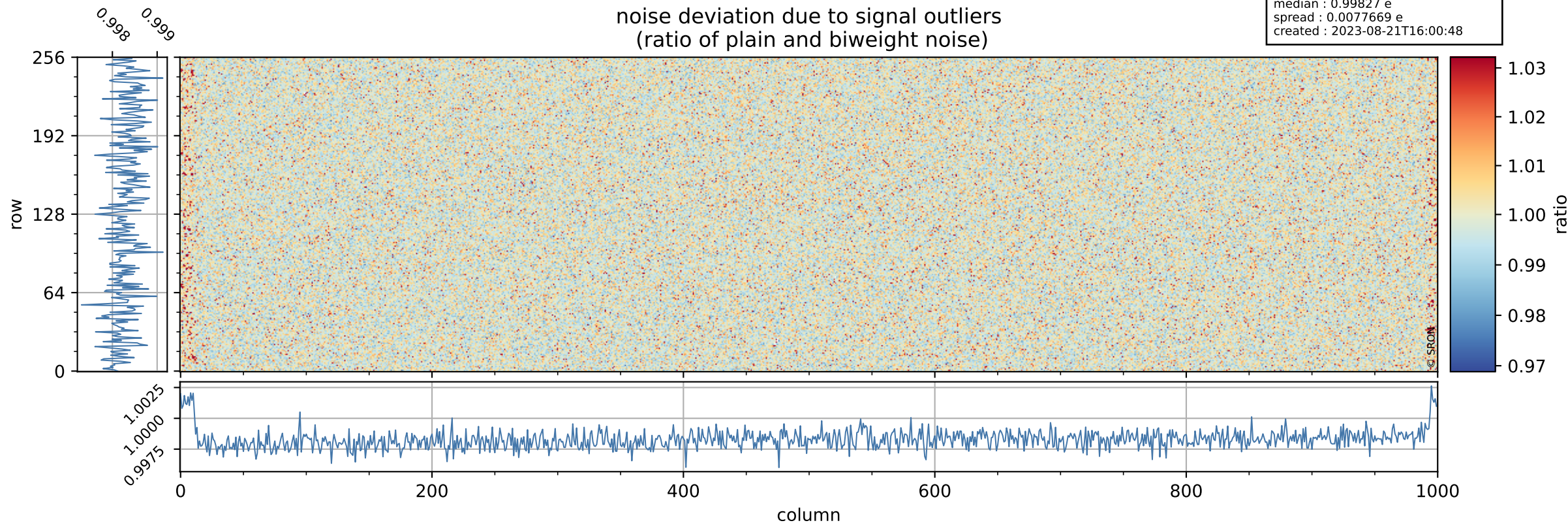
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

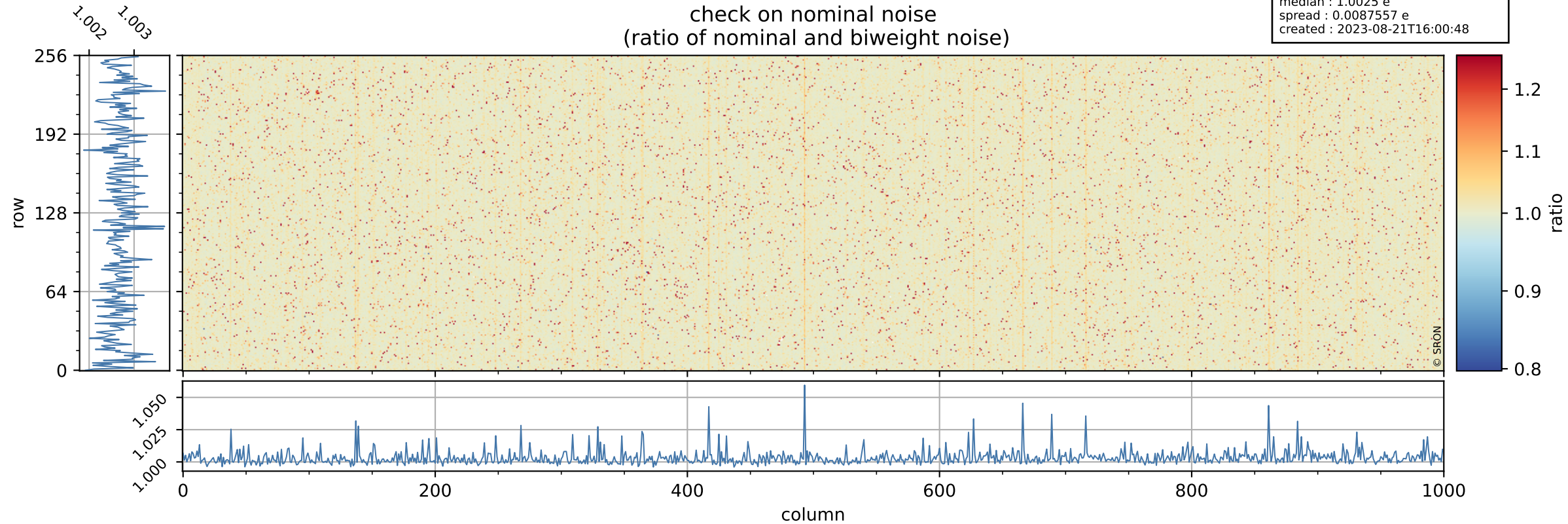
orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
median : 0.99827 e
spread : 0.0077669 e
created : 2023-08-21T16:00:48



Tropomi SWIR background noise (swir)

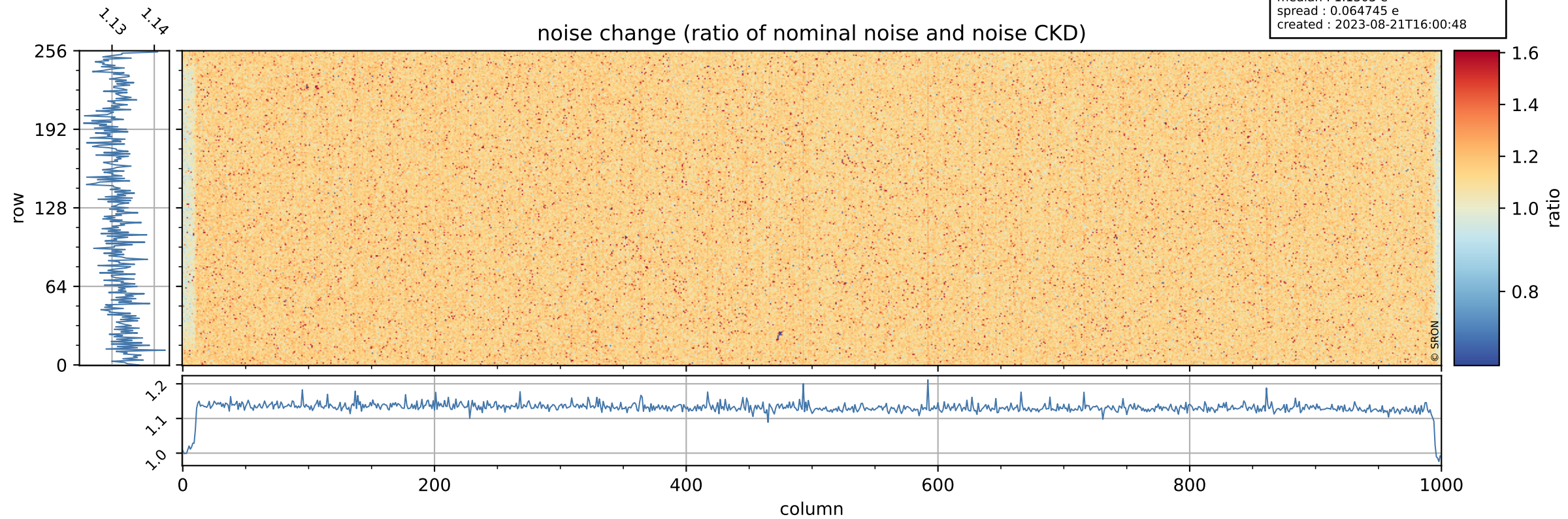
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
median : 1.0025 e
spread : 0.0087557 e
created : 2023-08-21T16:00:48



Tropomi SWIR background noise (swir)

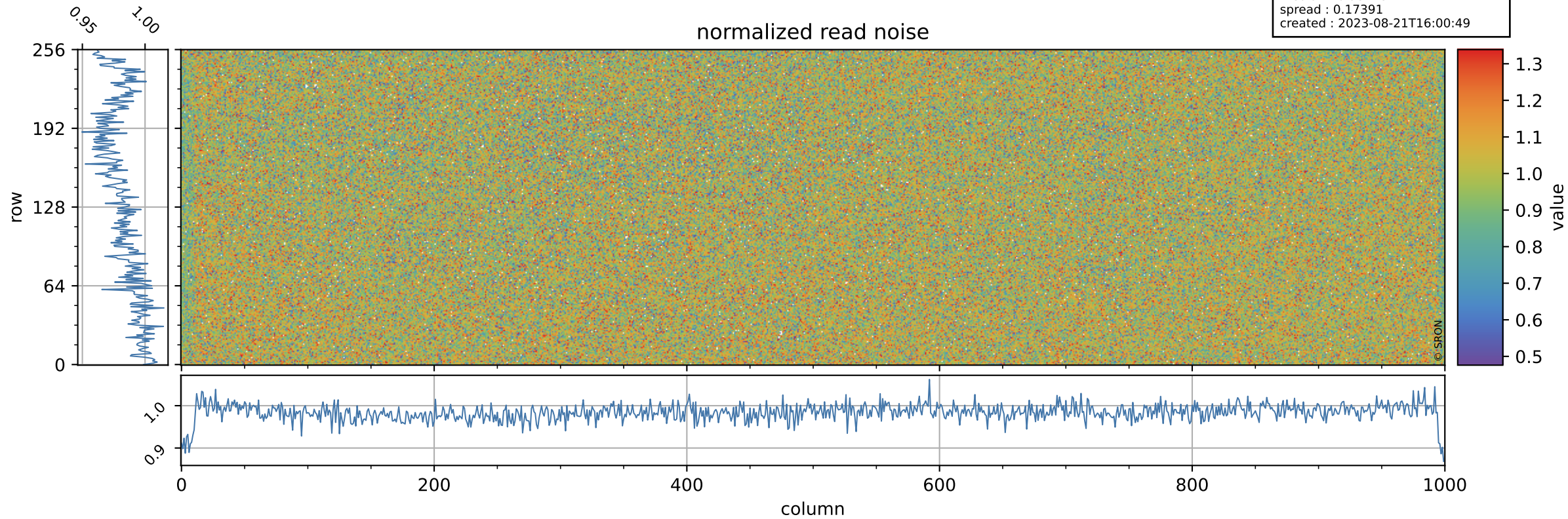
orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
median : 1.1303 e
spread : 0.064745 e
created : 2023-08-21T16:00:48



Tropomi SWIR background noise (swir)

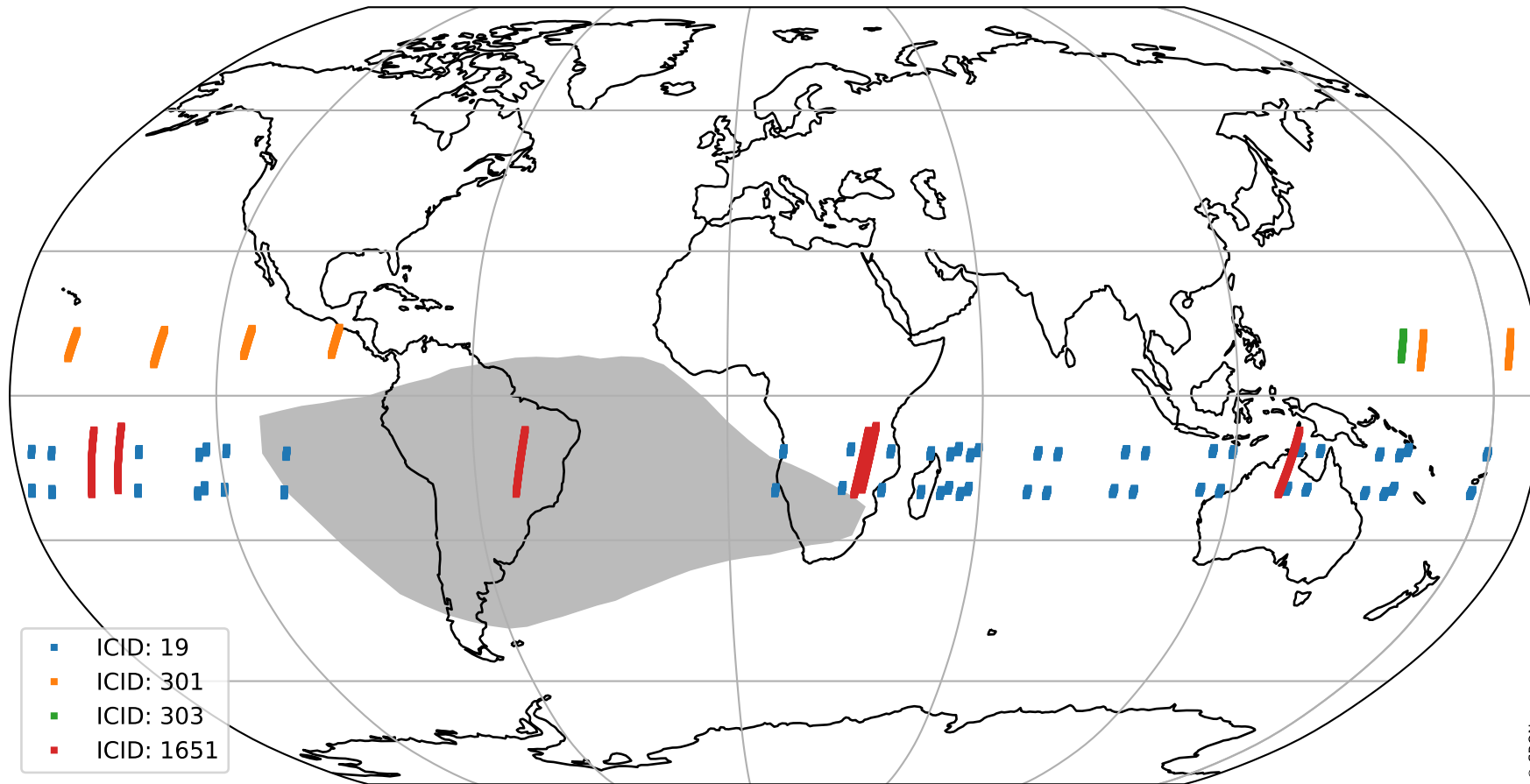
orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
median : 0.98218
spread : 0.17391
created : 2023-08-21T16:00:49

normalized read noise



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

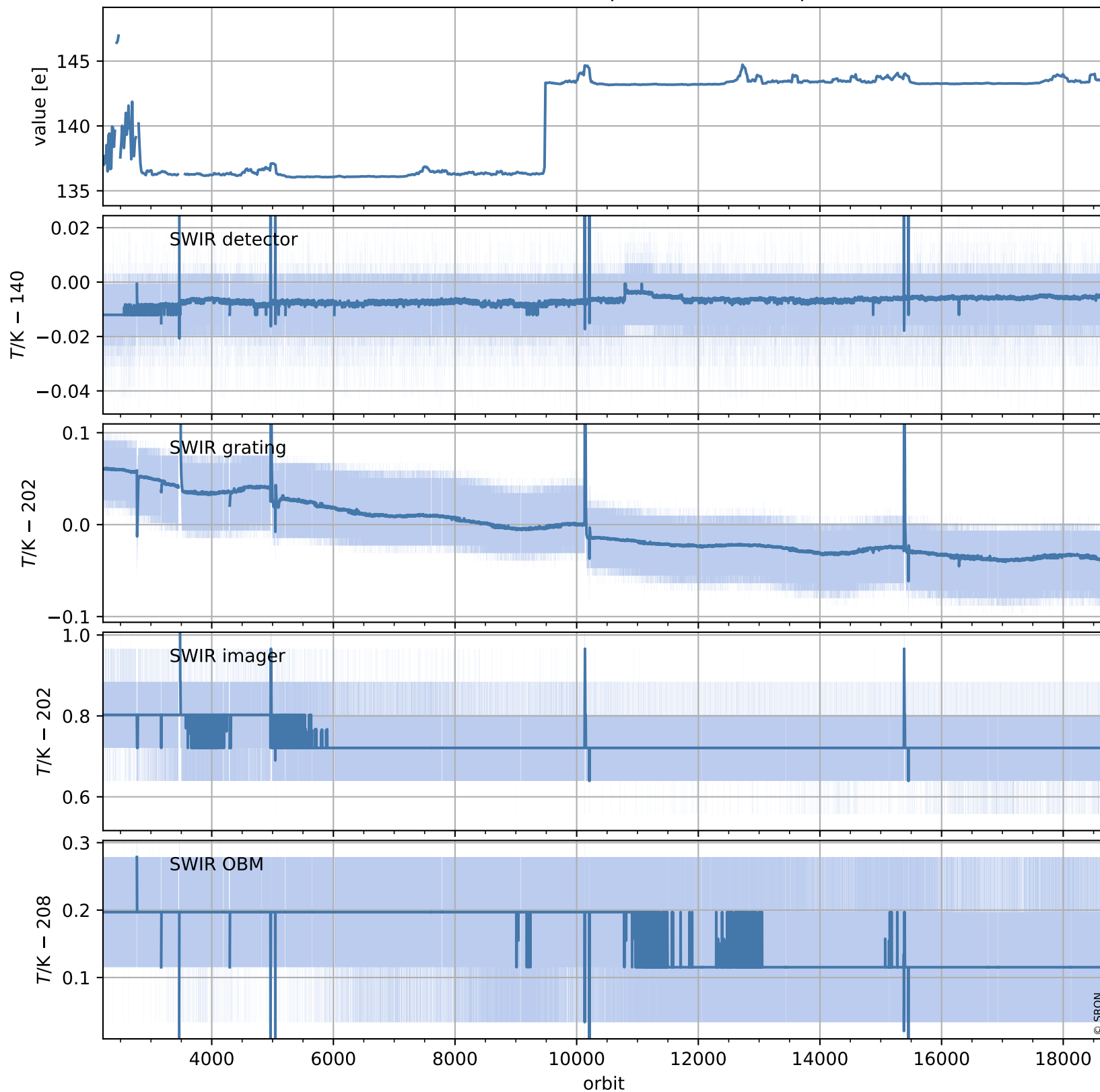
orbits : 13 in [18592, 18682]
coverage : 2021-05-16 / 2021-05-21
created : 2023-08-21T16:00:49



Tropomi SWIR background noise (swir)

orbits : [2212, 18682]
coverage : 2018-03-18 / 2021-05-21
created : 2023-08-21T16:00:49

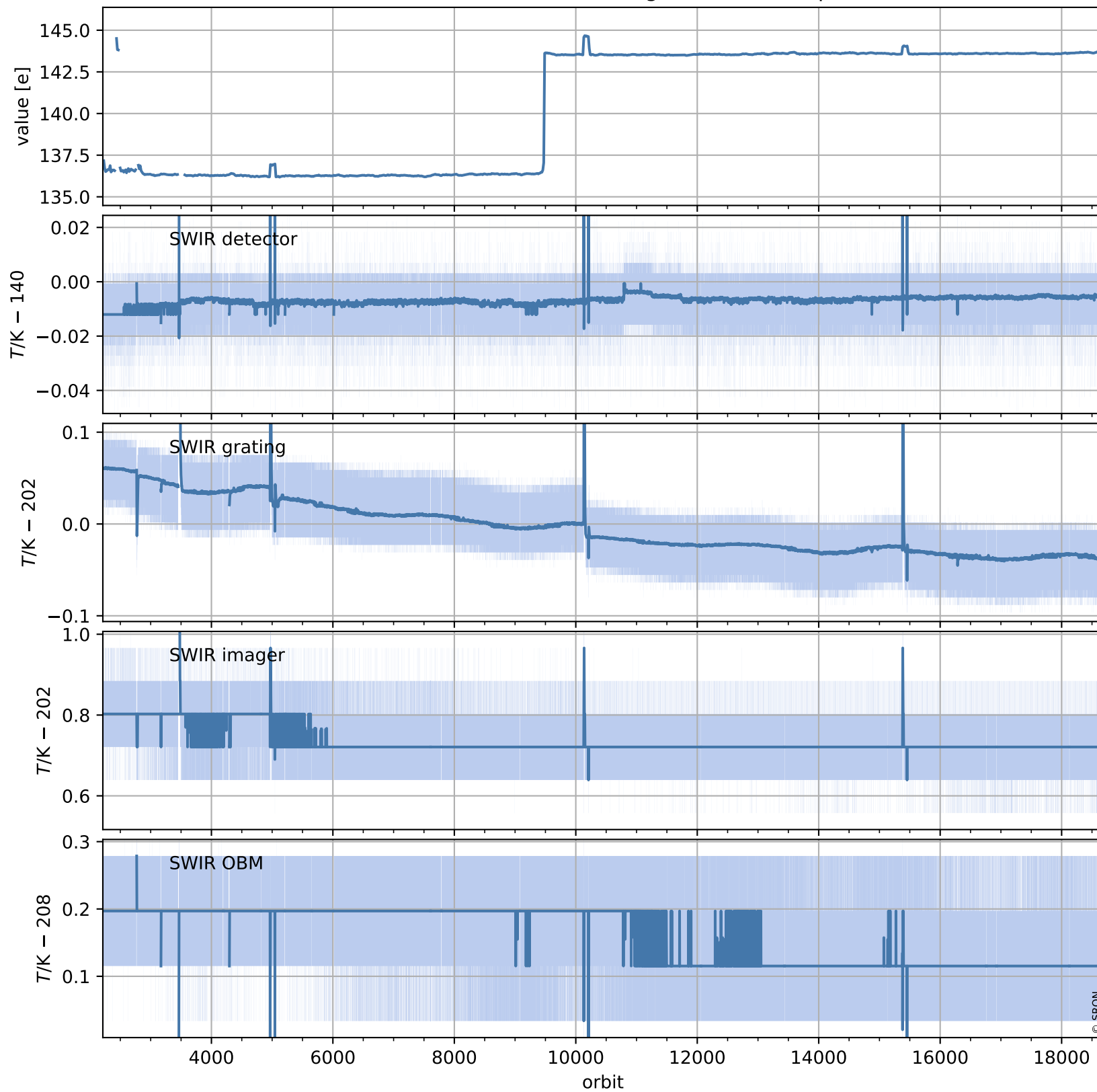
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18682]
coverage : 2018-03-18 / 2021-05-21
created : 2023-08-21T16:00:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18682]
coverage : 2018-03-18 / 2021-05-21
created : 2023-08-21T16:00:51

trend of normalized read-noise & temperatures

