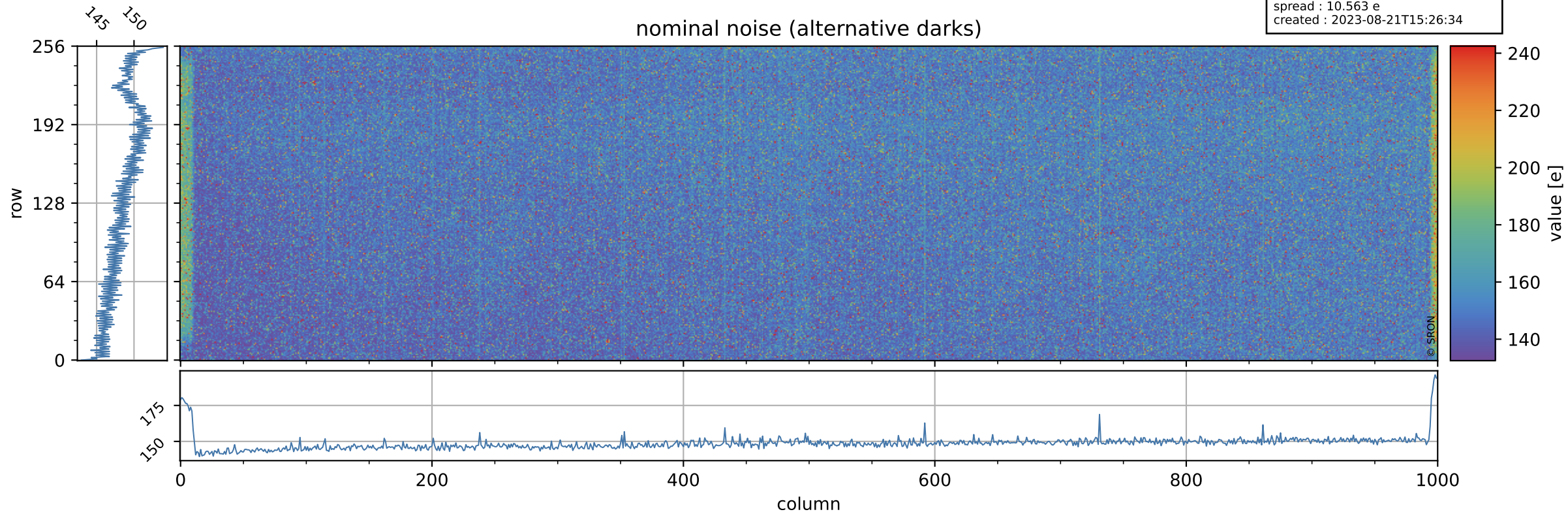


Tropomi SWIR background noise (swir)

orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.563 e
created : 2023-08-21T15:26:34

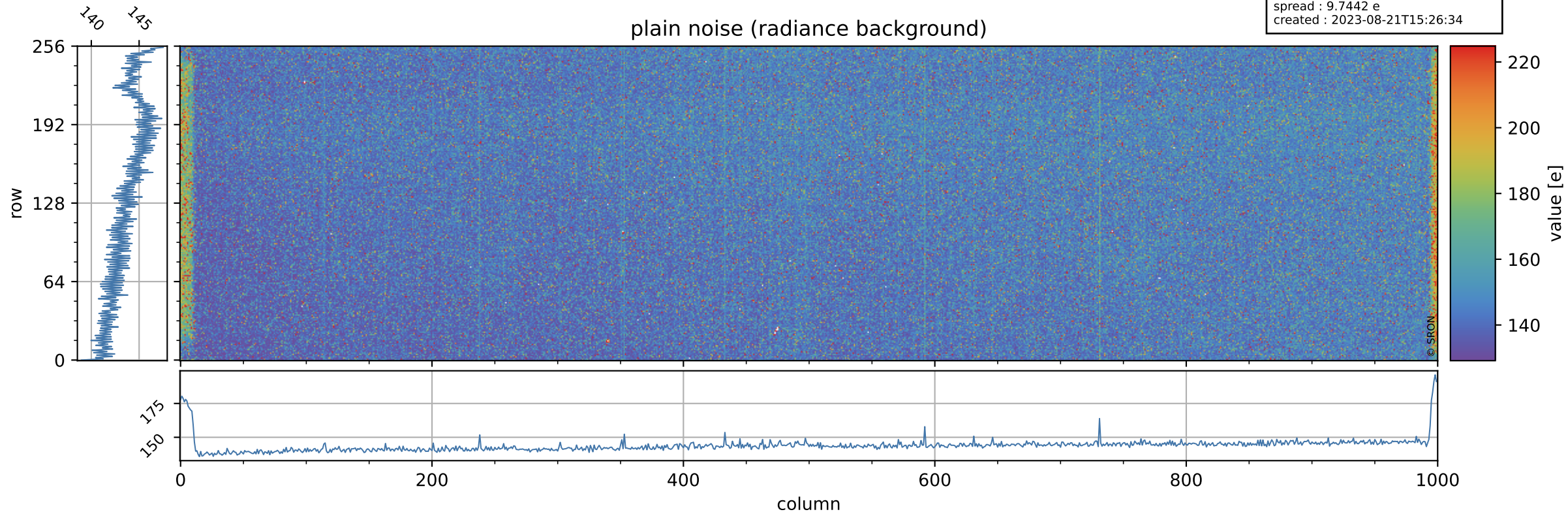
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 9.7442 e
created : 2023-08-21T15:26:34

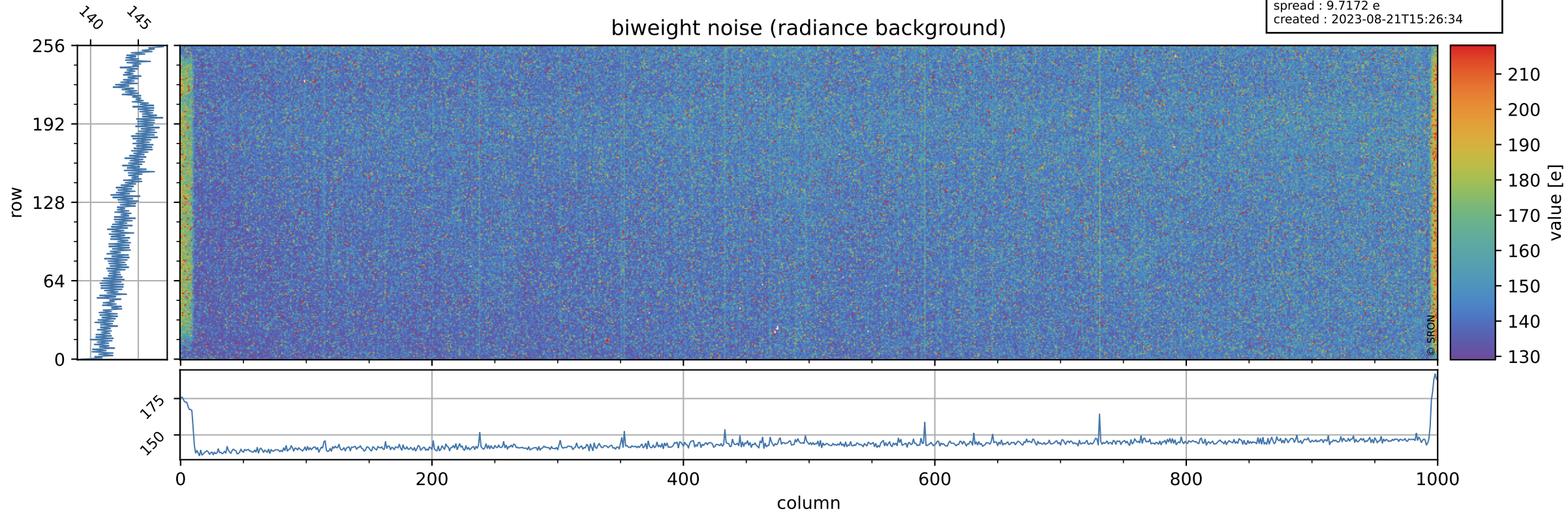
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
n_coad, t_exp : 1, 0.8383
median : 143.66 e
spread : 9.7172 e
created : 2023-08-21T15:26:34

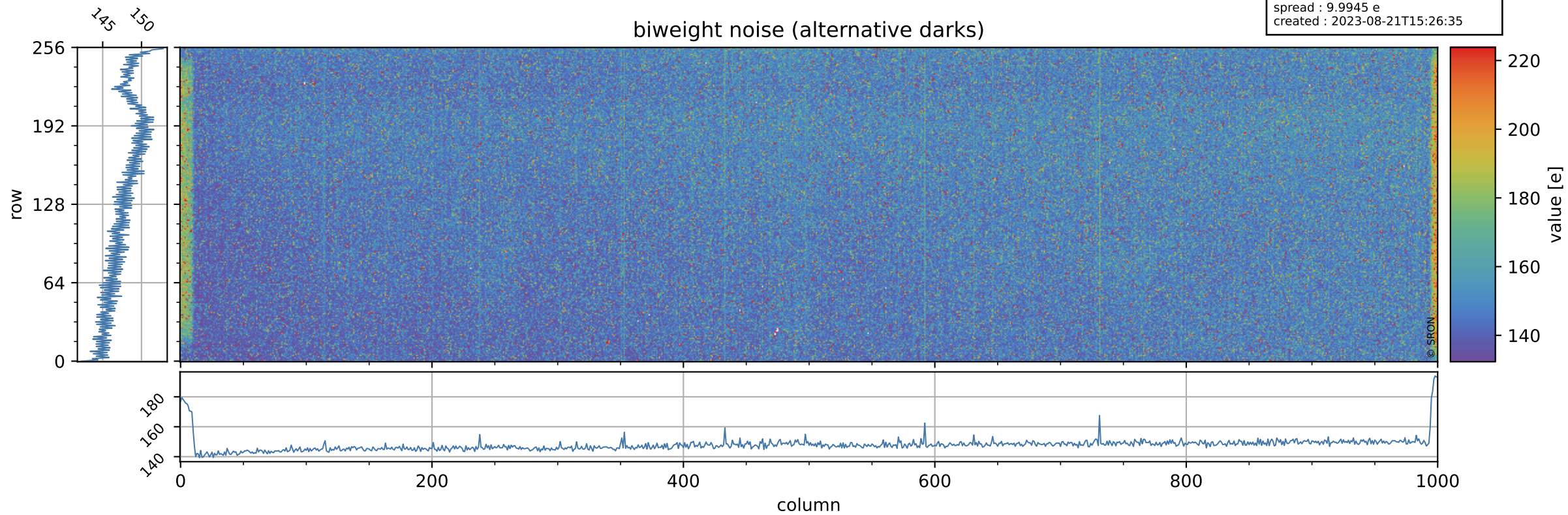
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 9.9945 e
created : 2023-08-21T15:26:35

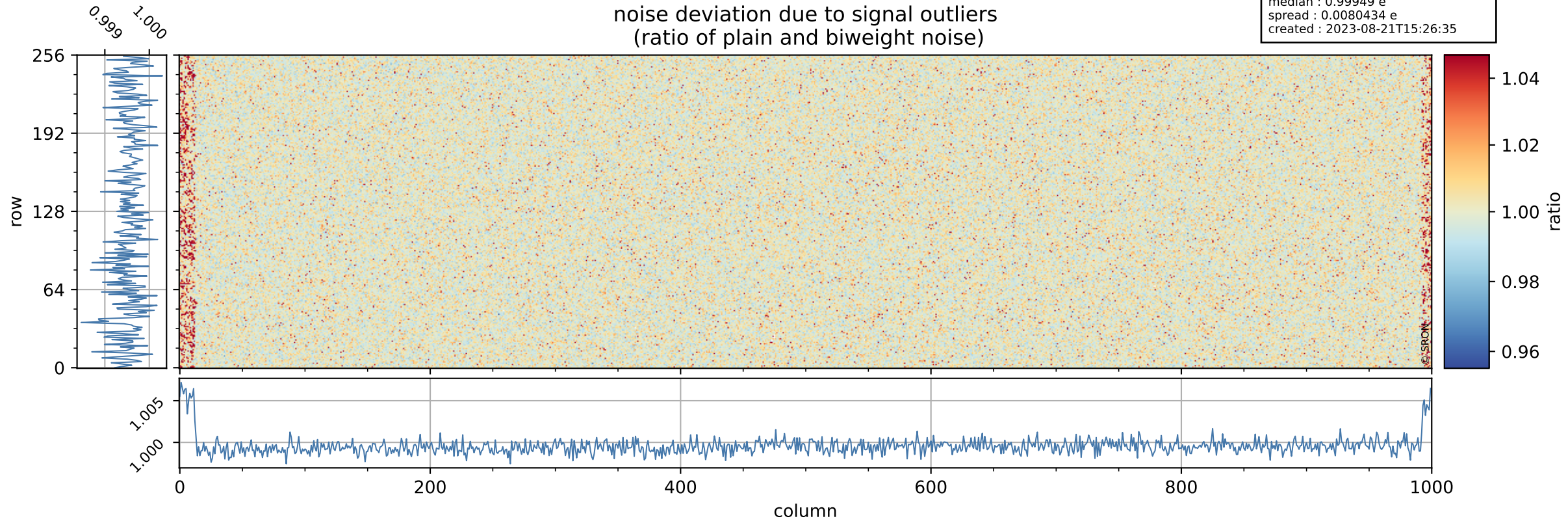
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

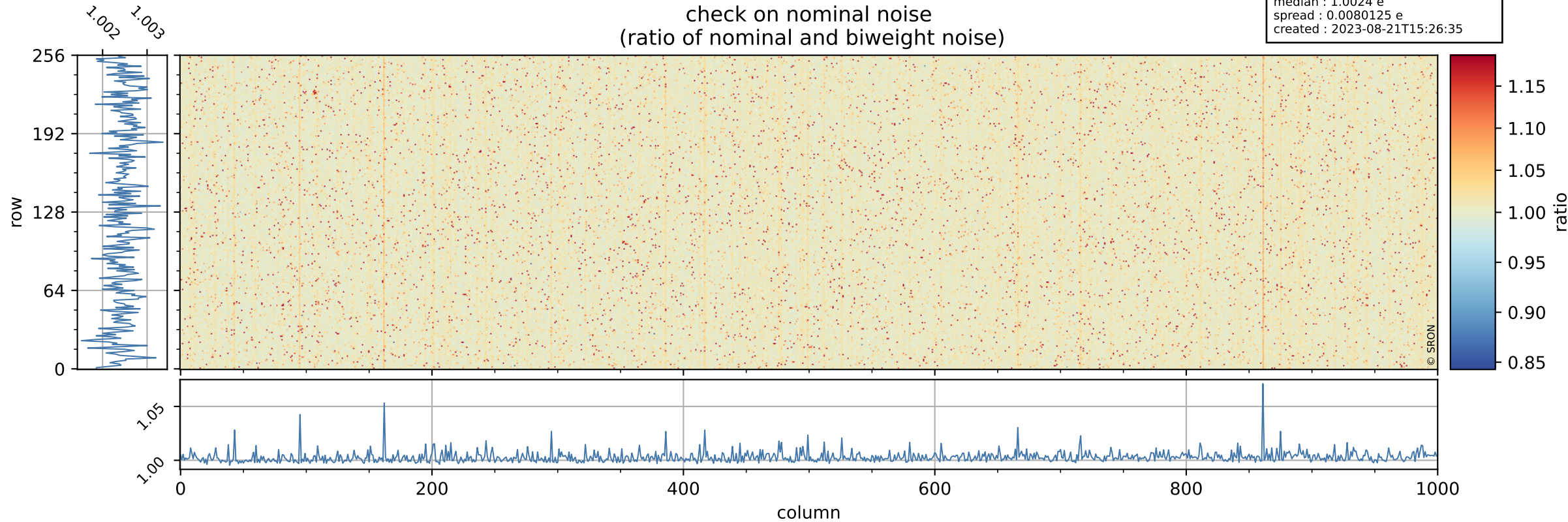
orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
median : 0.99949 e
spread : 0.0080434 e
created : 2023-08-21T15:26:35



Tropomi SWIR background noise (swir)

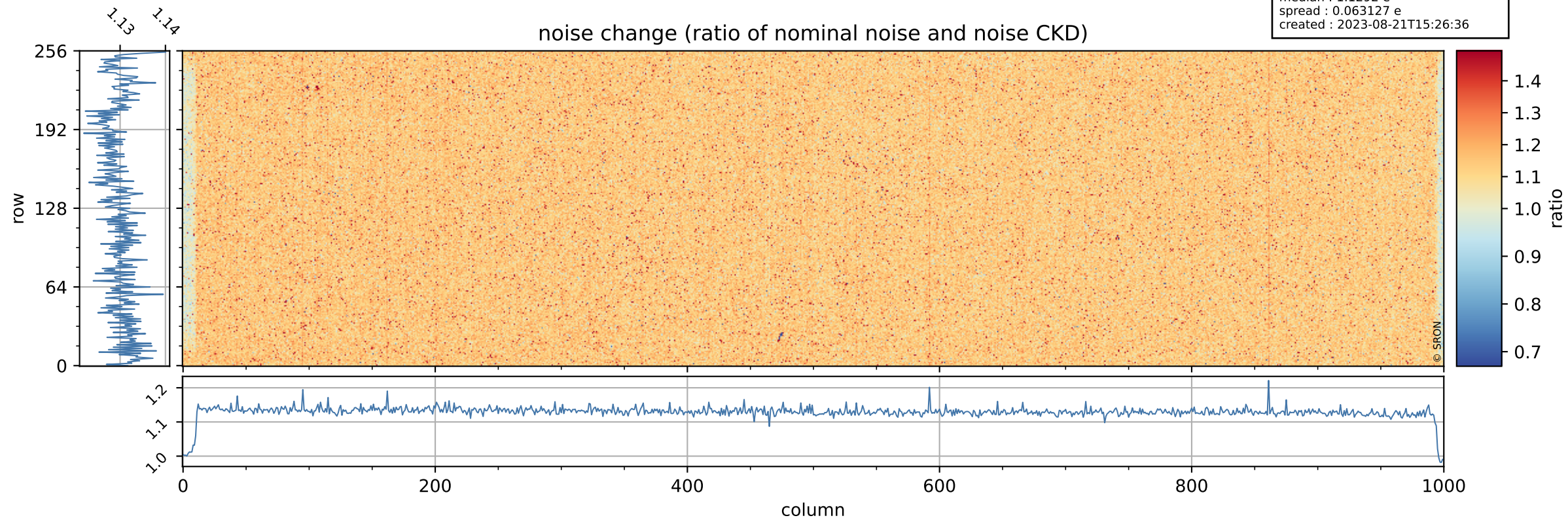
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
median : 1.0024 e
spread : 0.0080125 e
created : 2023-08-21T15:26:35



Tropomi SWIR background noise (swir)

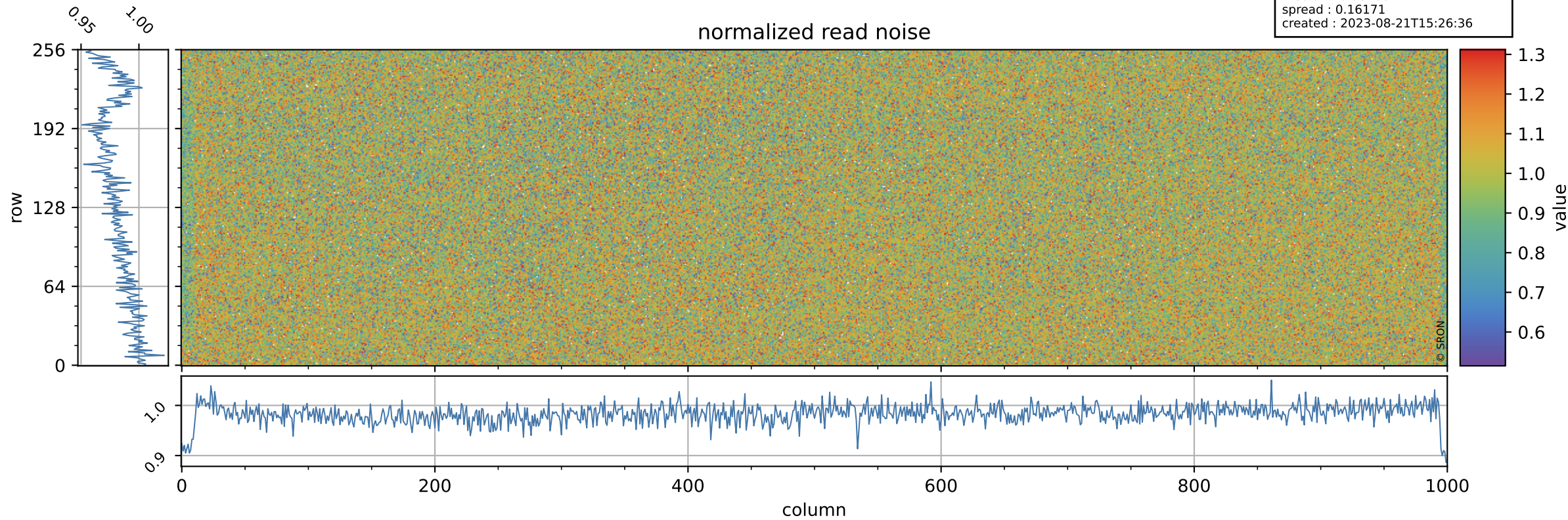
orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
median : 1.1292 e
spread : 0.063127 e
created : 2023-08-21T15:26:36



Tropomi SWIR background noise (swir)

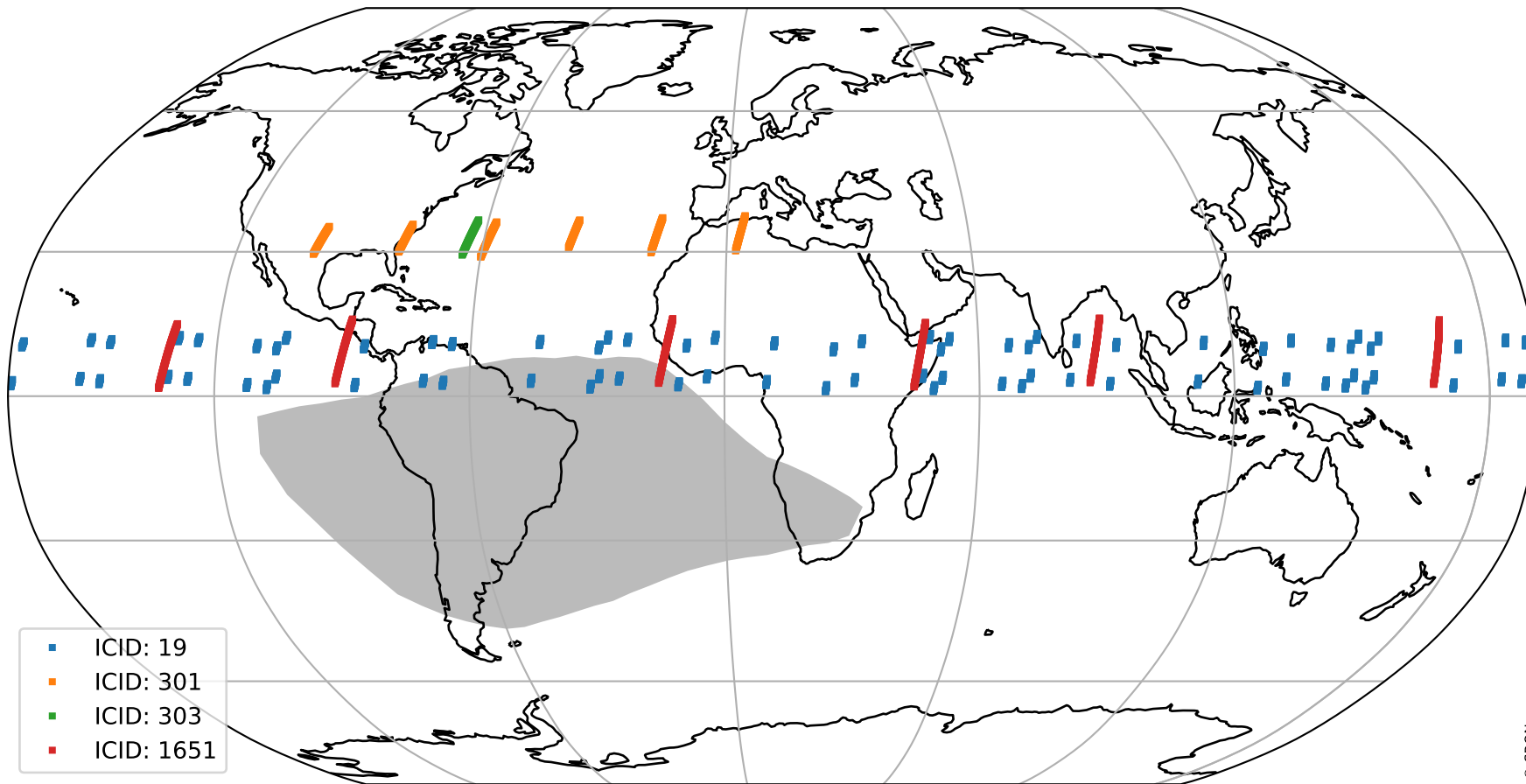
orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
median : 0.98168
spread : 0.16171
created : 2023-08-21T15:26:36

normalized read noise



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

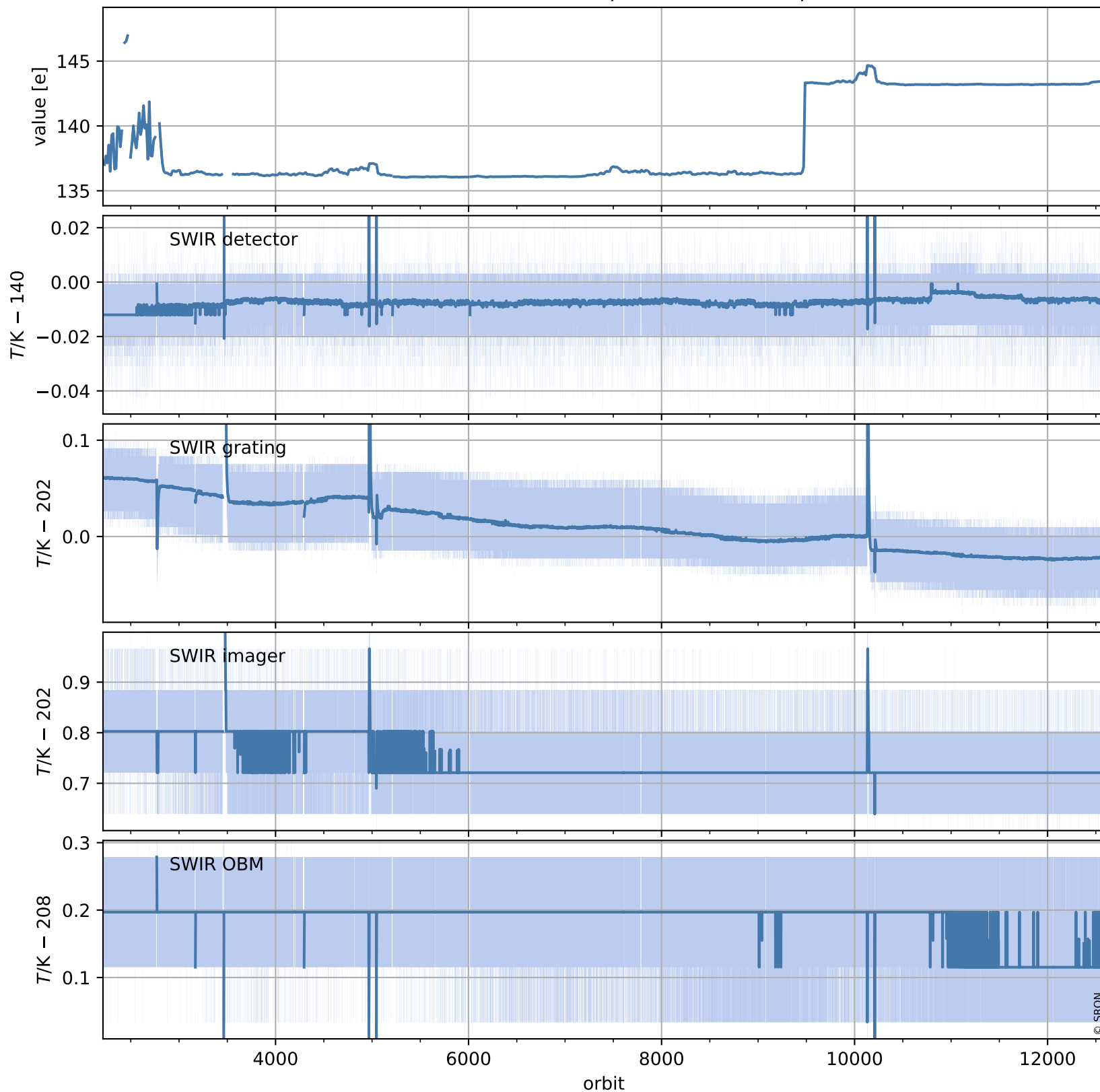
orbits : 13 in [12502, 12592]
coverage : 2020-03-13 / 2020-03-18
created : 2023-08-21T15:26:36



Tropomi SWIR background noise (swir)

orbits : [2212, 12592]
coverage : 2018-03-18 / 2020-03-18
created : 2023-08-21T15:26:36

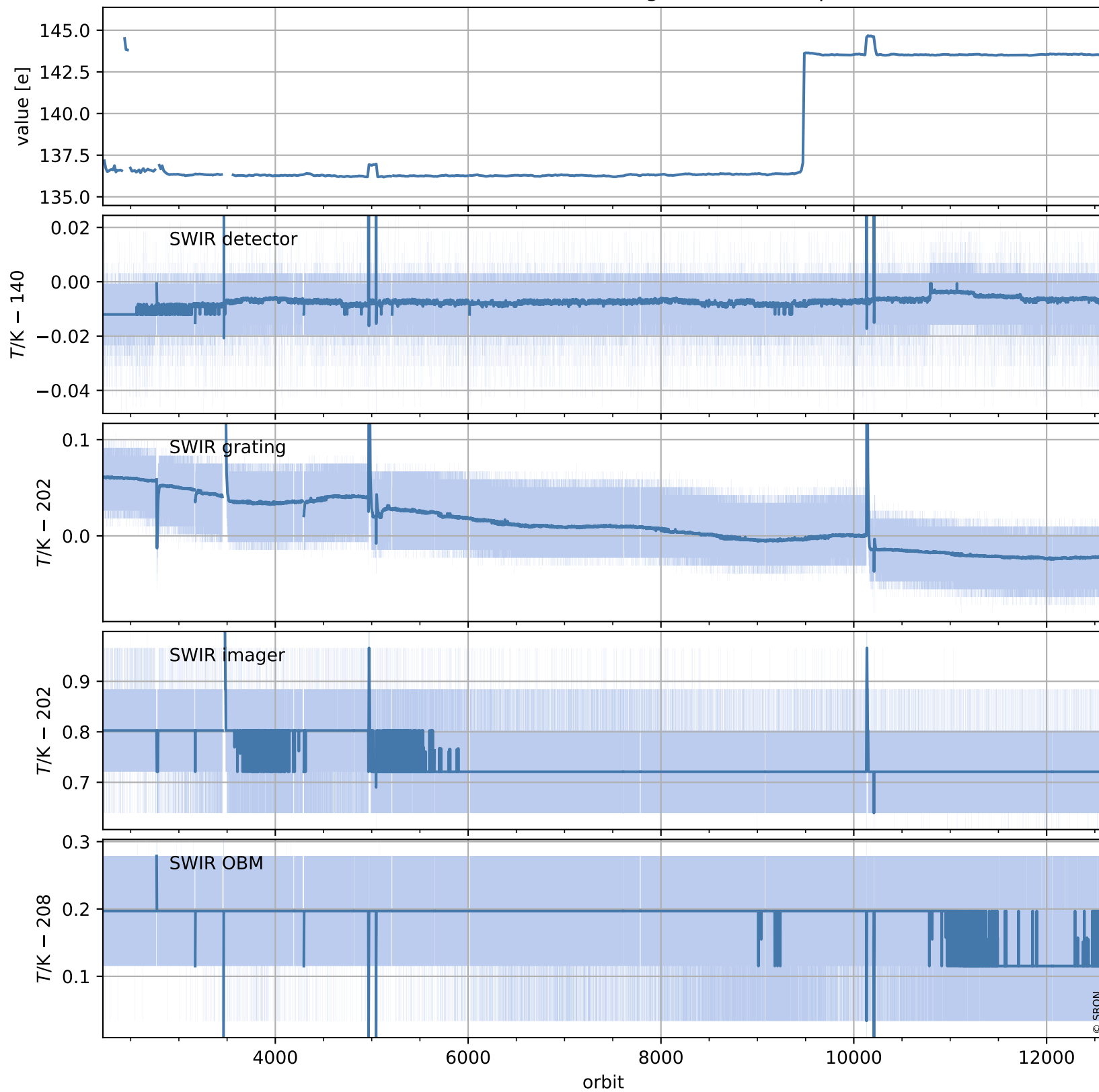
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12592]
coverage : 2018-03-18 / 2020-03-18
created : 2023-08-21T15:26:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12592]
coverage : 2018-03-18 / 2020-03-18
created : 2023-08-21T15:26:38

trend of normalized read-noise & temperatures

