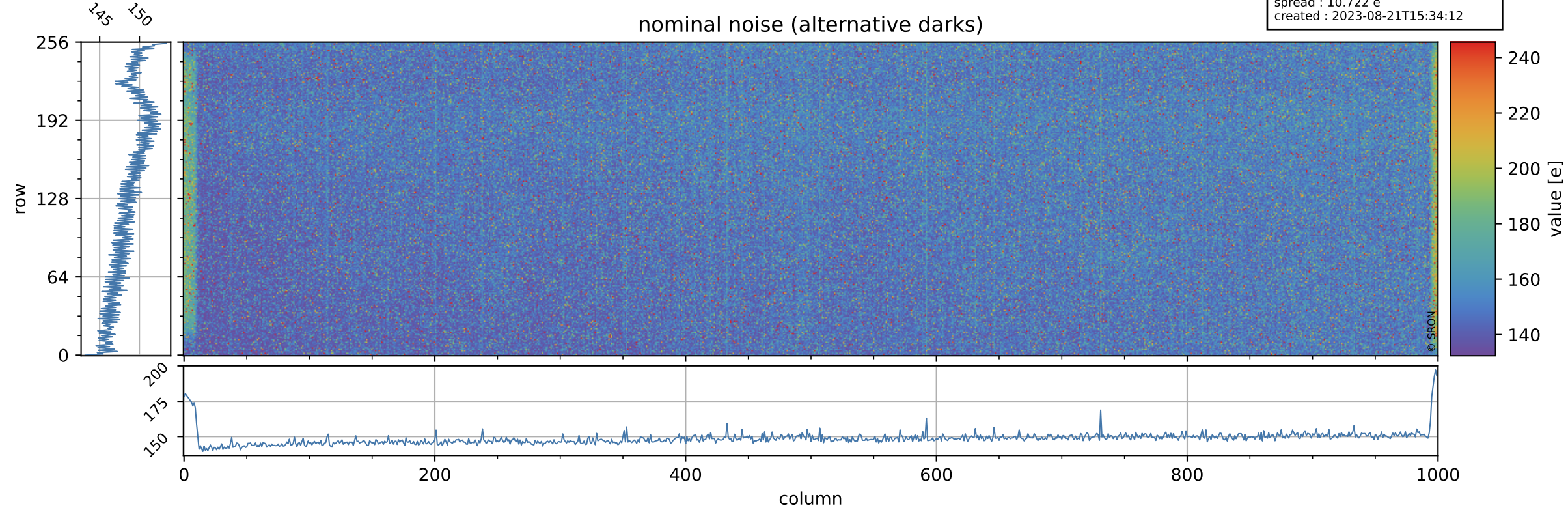


Tropomi SWIR background noise (swir)

orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
n_coad, t_exp : 1, 1.0783
median : 148.57 e
spread : 10.722 e
created : 2023-08-21T15:34:12

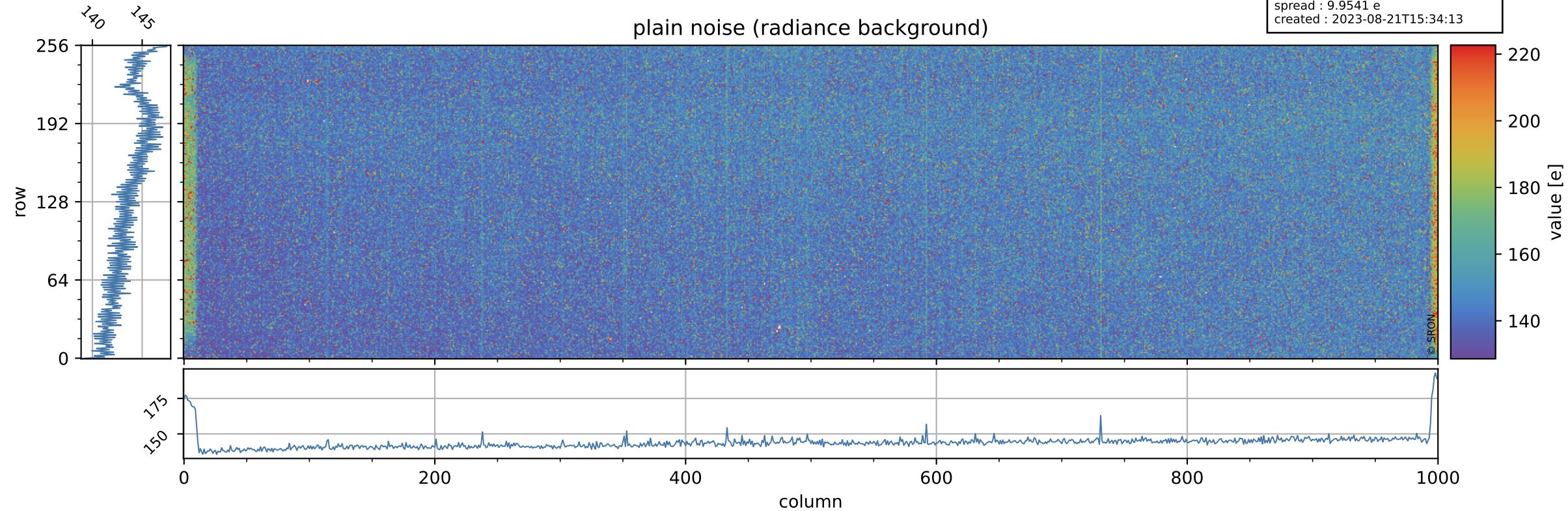
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.9541 e
created : 2023-08-21T15:34:13

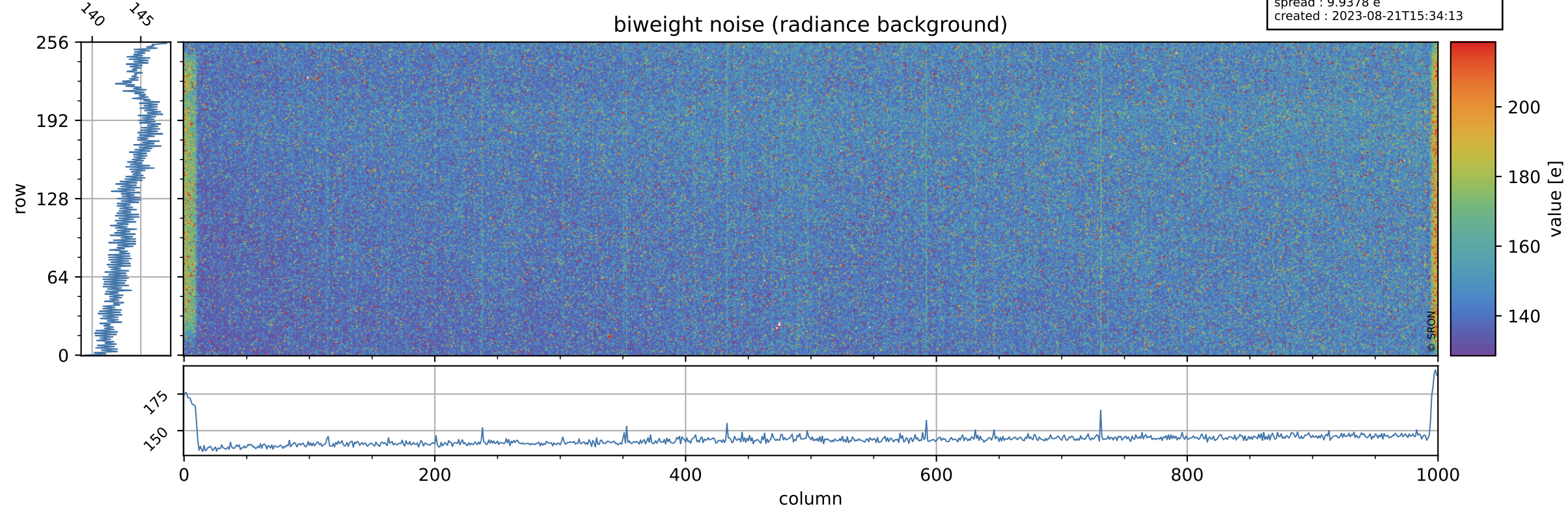
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.9378 e
created : 2023-08-21T15:34:13

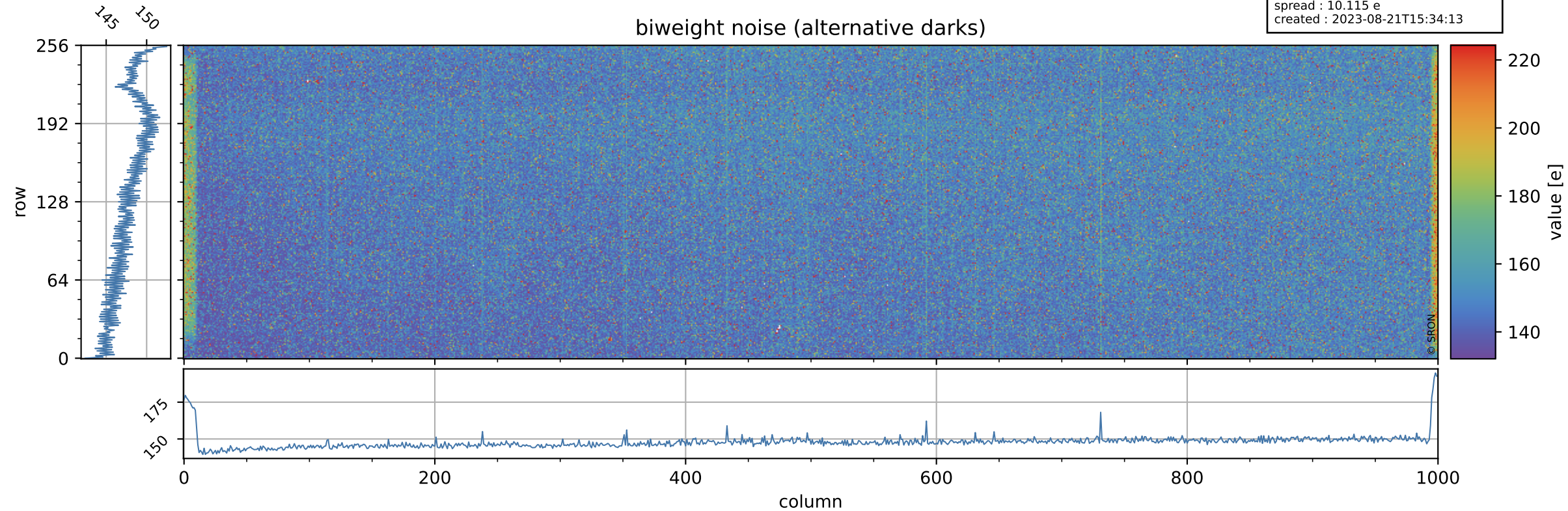
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.115 e
created : 2023-08-21T15:34:13

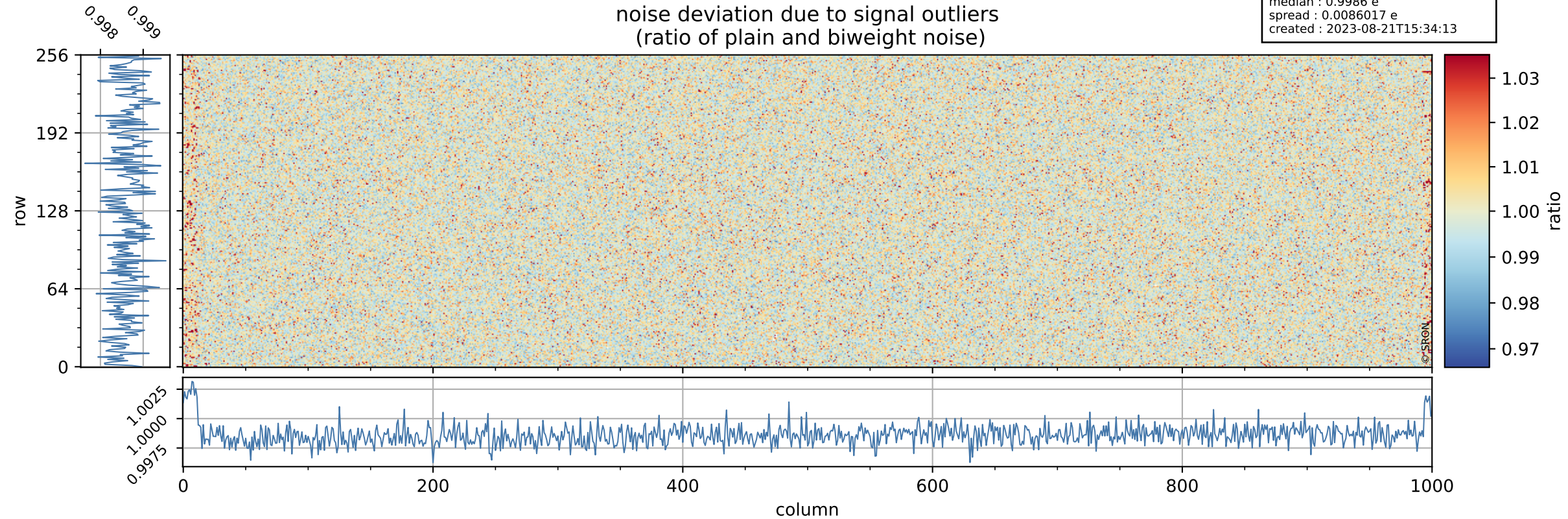
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

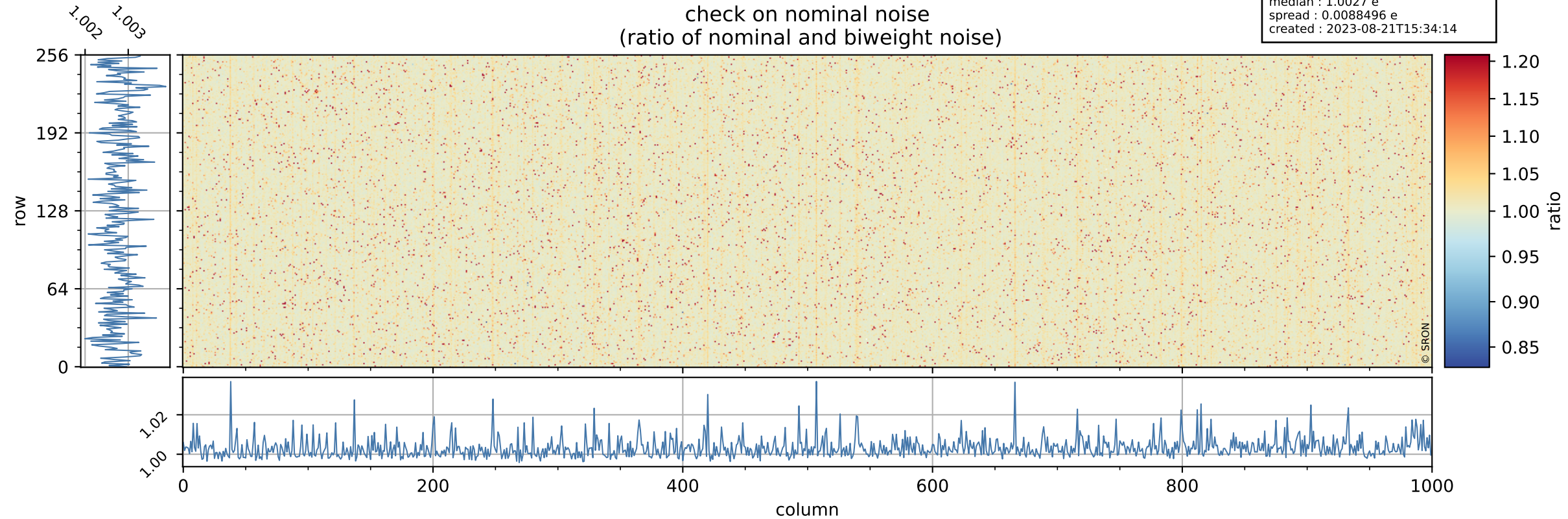
orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
median : 0.9986 e
spread : 0.0086017 e
created : 2023-08-21T15:34:13



Tropomi SWIR background noise (swir)

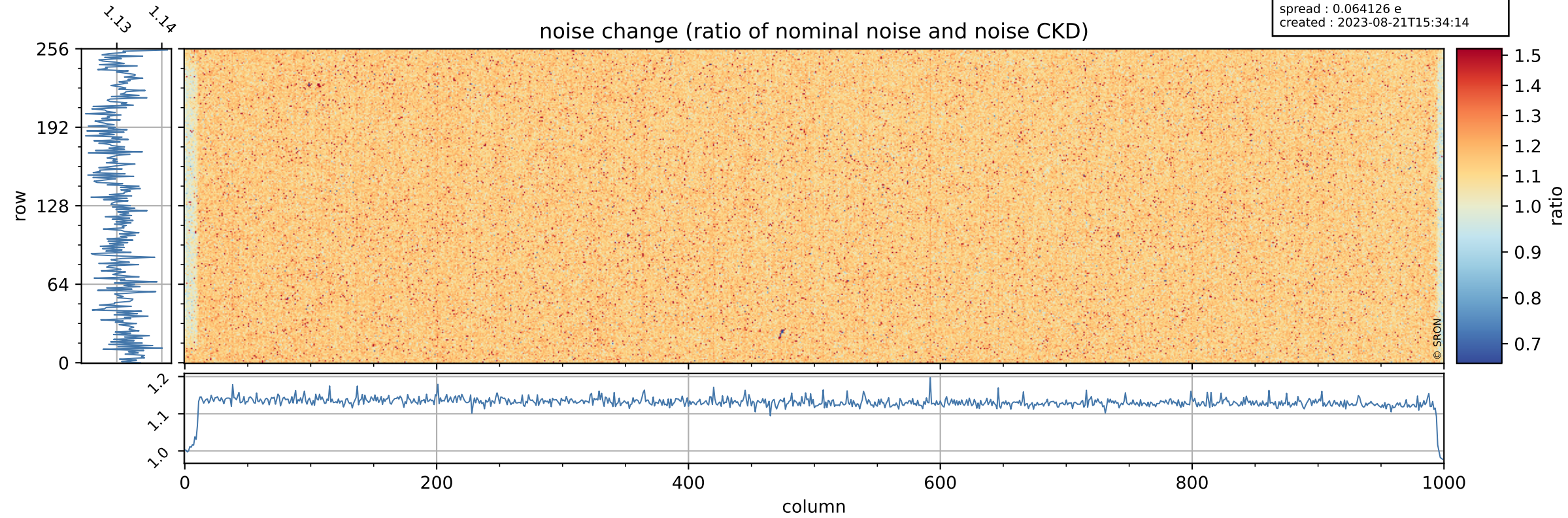
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
median : 1.0027 e
spread : 0.0088496 e
created : 2023-08-21T15:34:14



Tropomi SWIR background noise (swir)

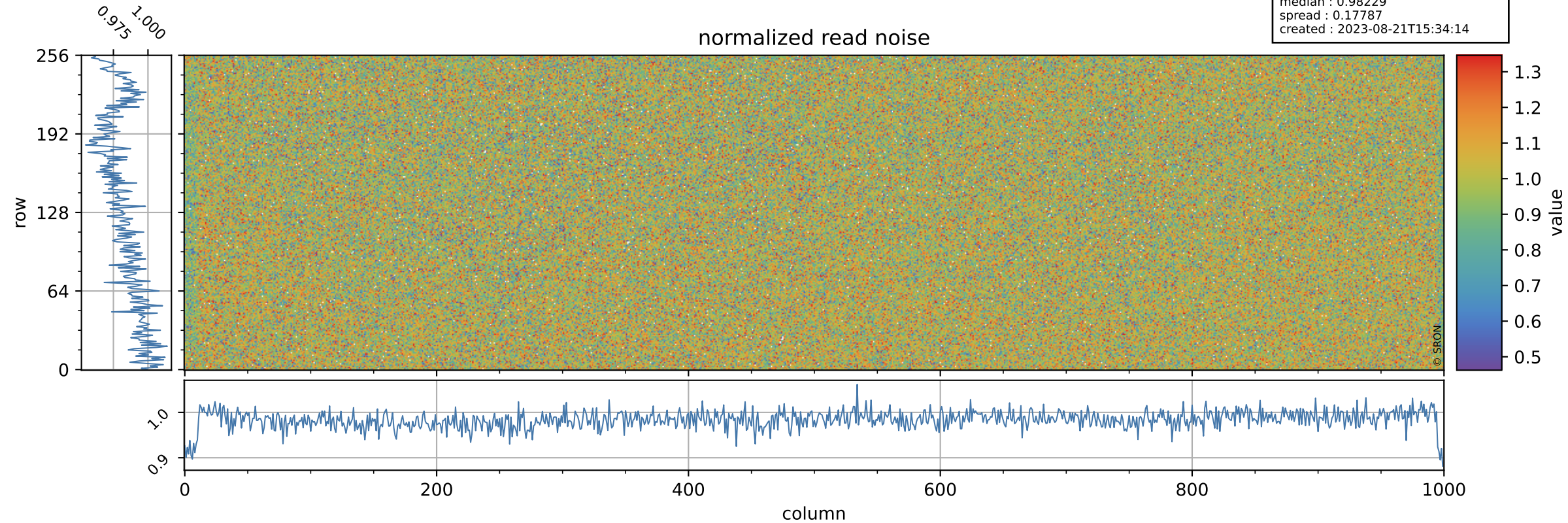
orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
median : 1.1298 e
spread : 0.064126 e
created : 2023-08-21T15:34:14



Tropomi SWIR background noise (swir)

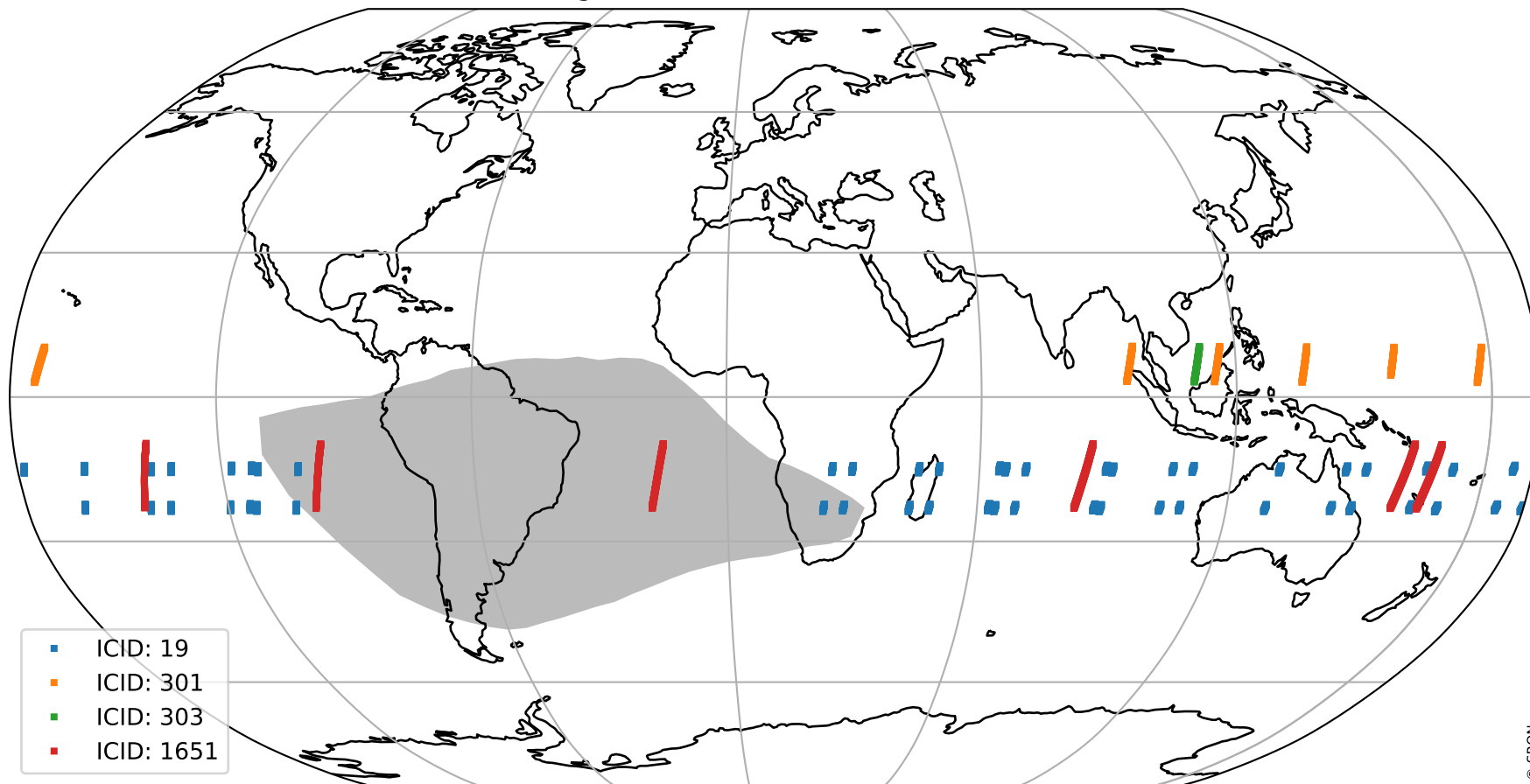
orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
median : 0.98229
spread : 0.17787
created : 2023-08-21T15:34:14

normalized read noise



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

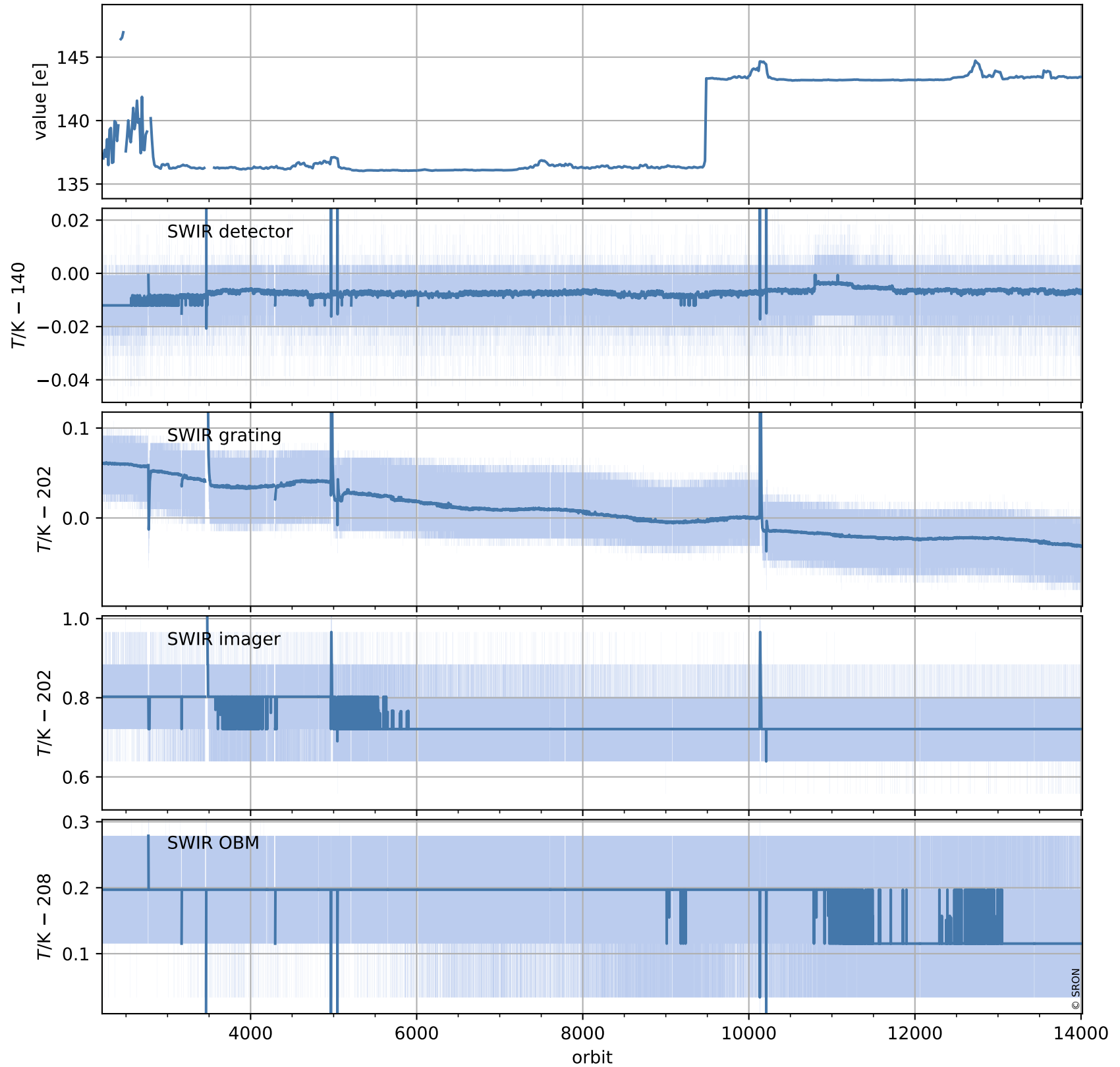
orbits : 13 in [13927, 14017]
coverage : 2020-06-21 / 2020-06-27
created : 2023-08-21T15:34:15



Tropomi SWIR background noise (swir)

orbits : [2212, 14017]
coverage : 2018-03-18 / 2020-06-27
created : 2023-08-21T15:34:15

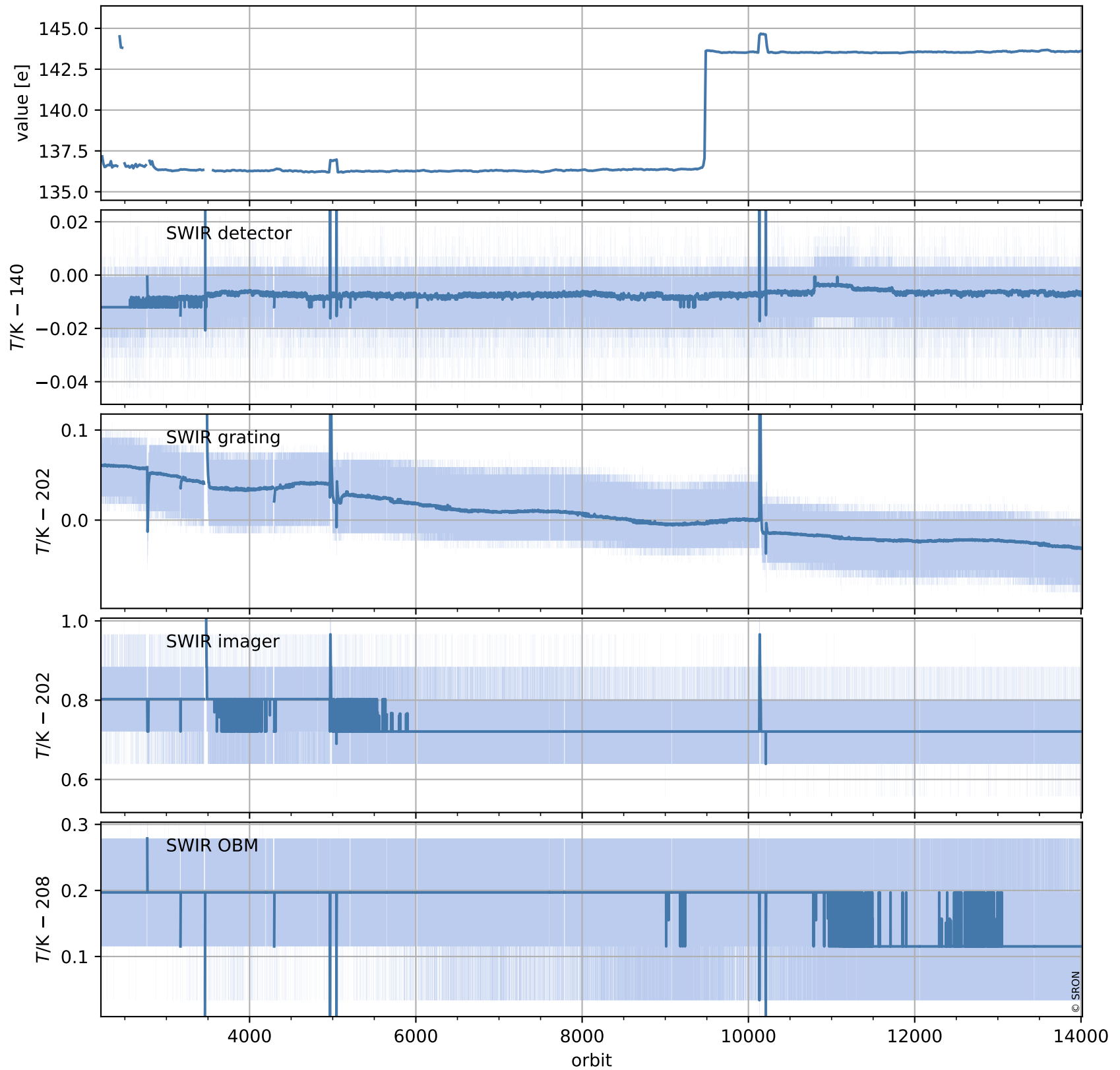
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14017]
coverage : 2018-03-18 / 2020-06-27
created : 2023-08-21T15:34:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14017]
coverage : 2018-03-18 / 2020-06-27
created : 2023-08-21T15:34:16

trend of normalized read-noise & temperatures

