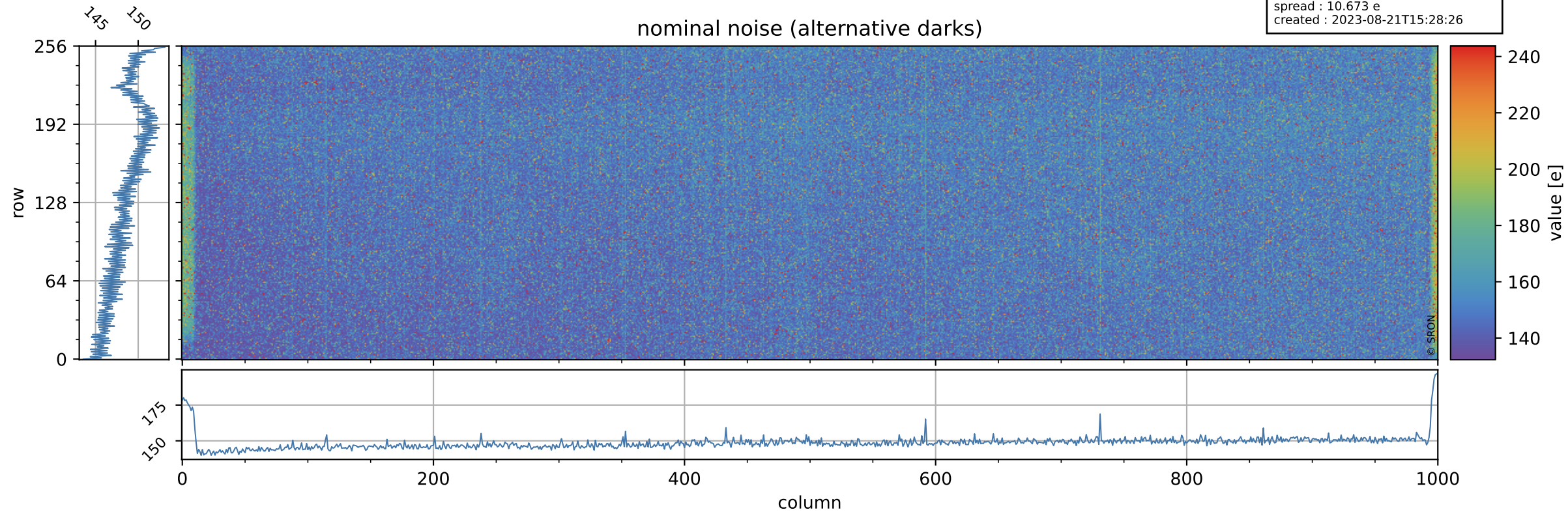


Tropomi SWIR background noise (swir)

orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.673 e
created : 2023-08-21T15:28:26

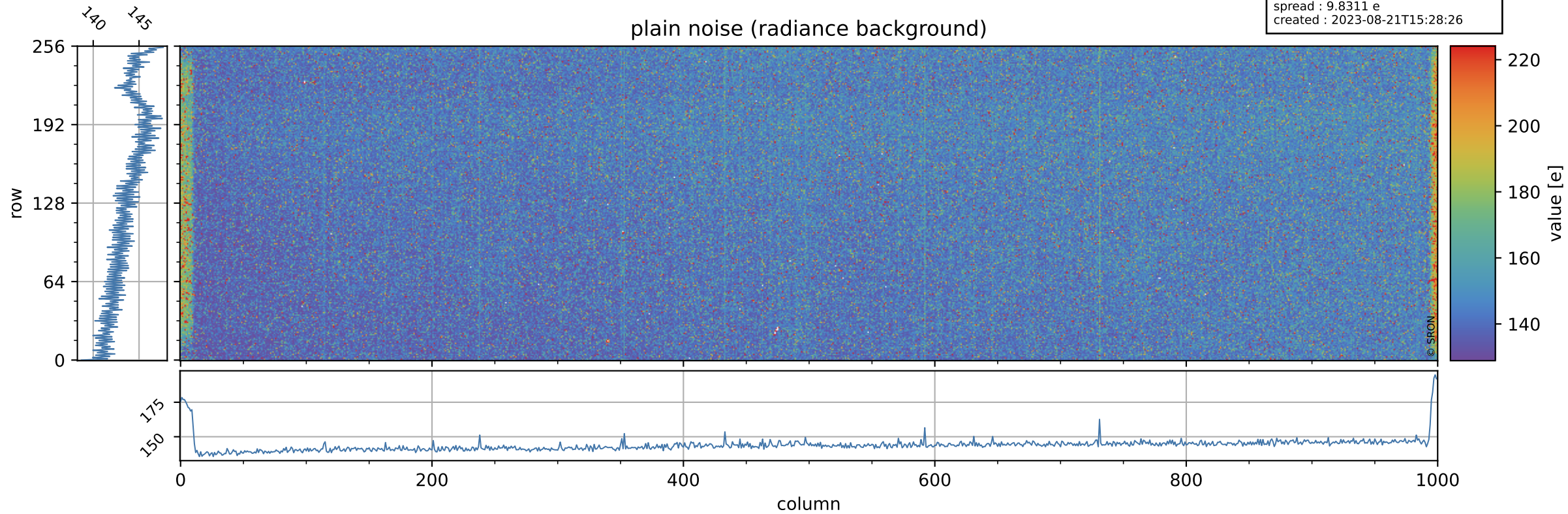
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.8311 e
created : 2023-08-21T15:28:26

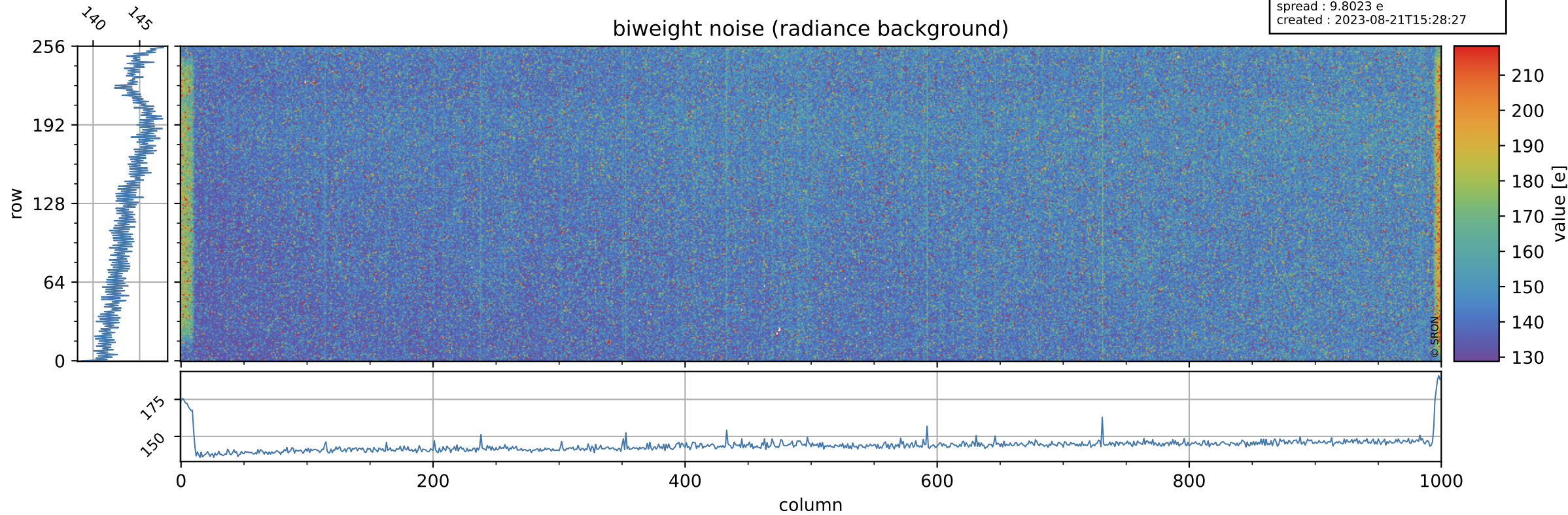
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8023 e
created : 2023-08-21T15:28:27

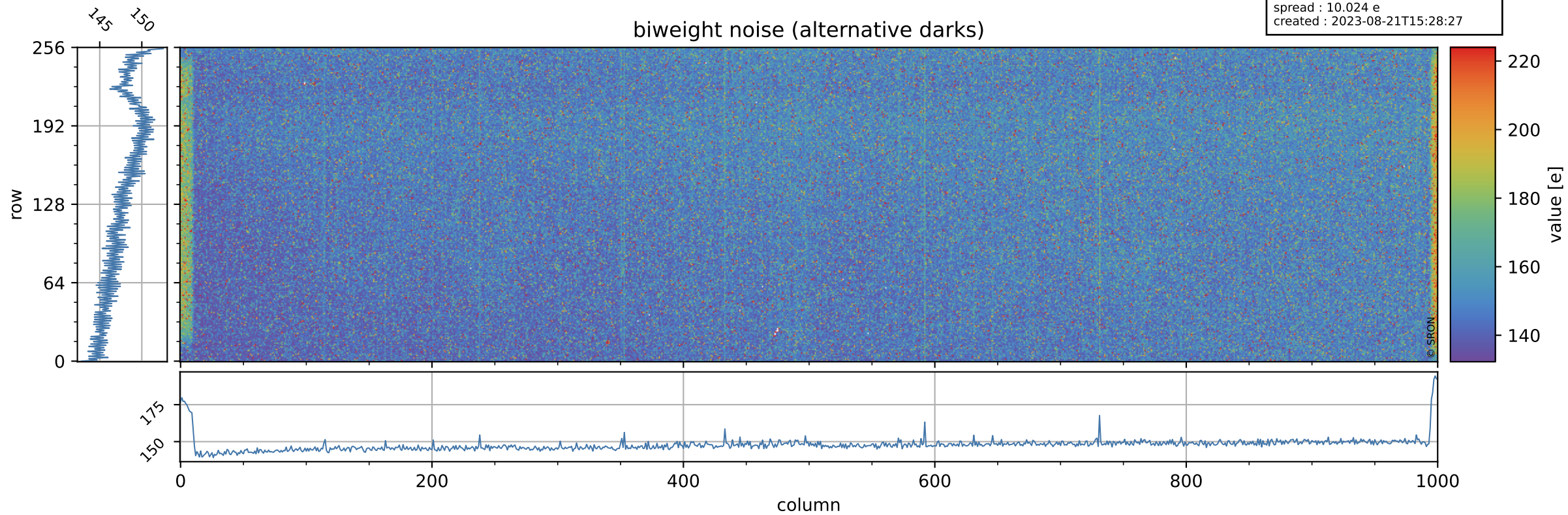
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.024 e
created : 2023-08-21T15:28:27

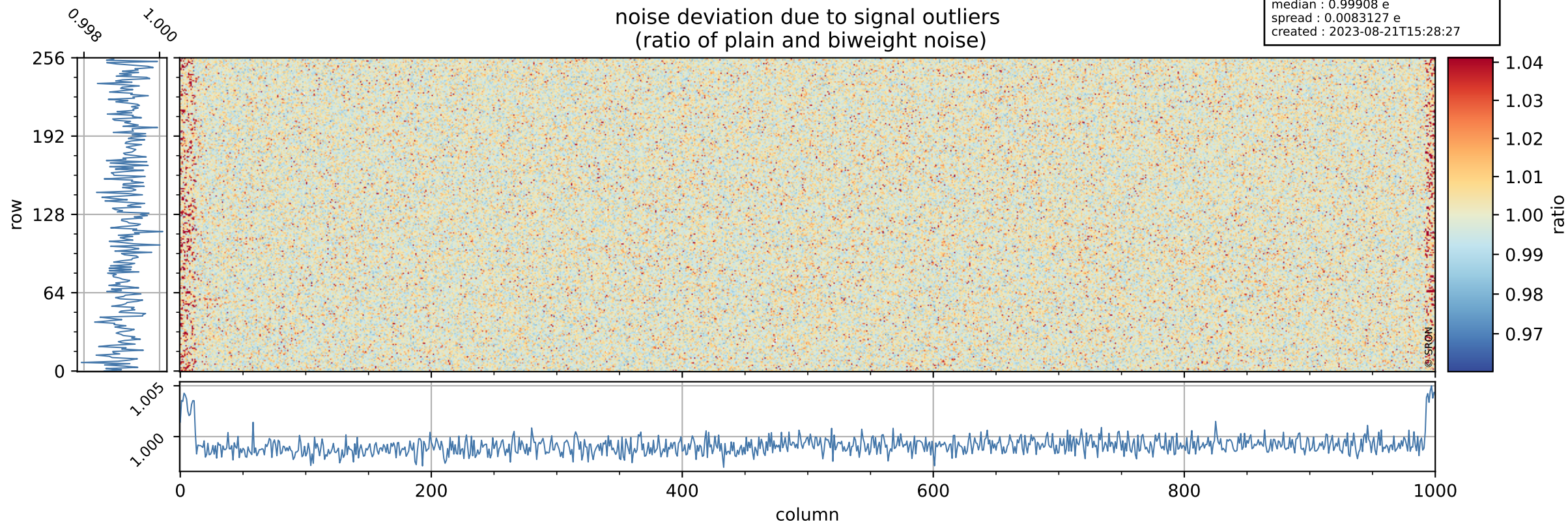
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

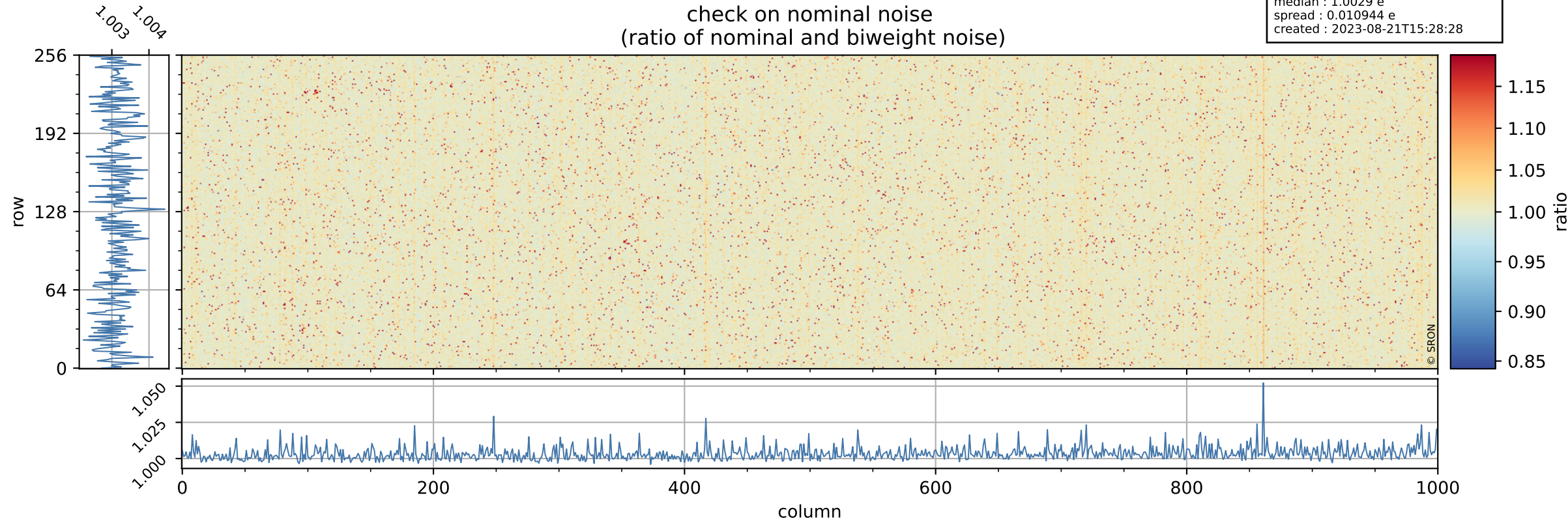
orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
median : 0.99908 e
spread : 0.0083127 e
created : 2023-08-21T15:28:27



Tropomi SWIR background noise (swir)

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

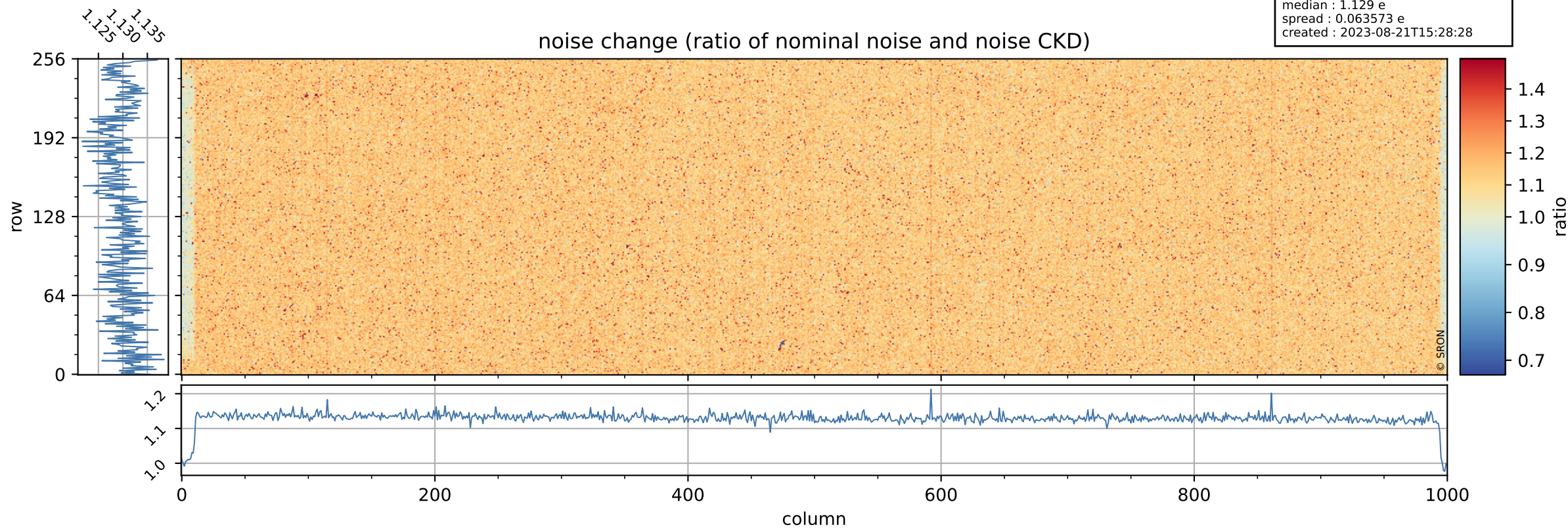
orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
median : 1.0029 e
spread : 0.010944 e
created : 2023-08-21T15:28:28



Tropomi SWIR background noise (swir)

orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
median : 1.129 e
spread : 0.063573 e
created : 2023-08-21T15:28:28

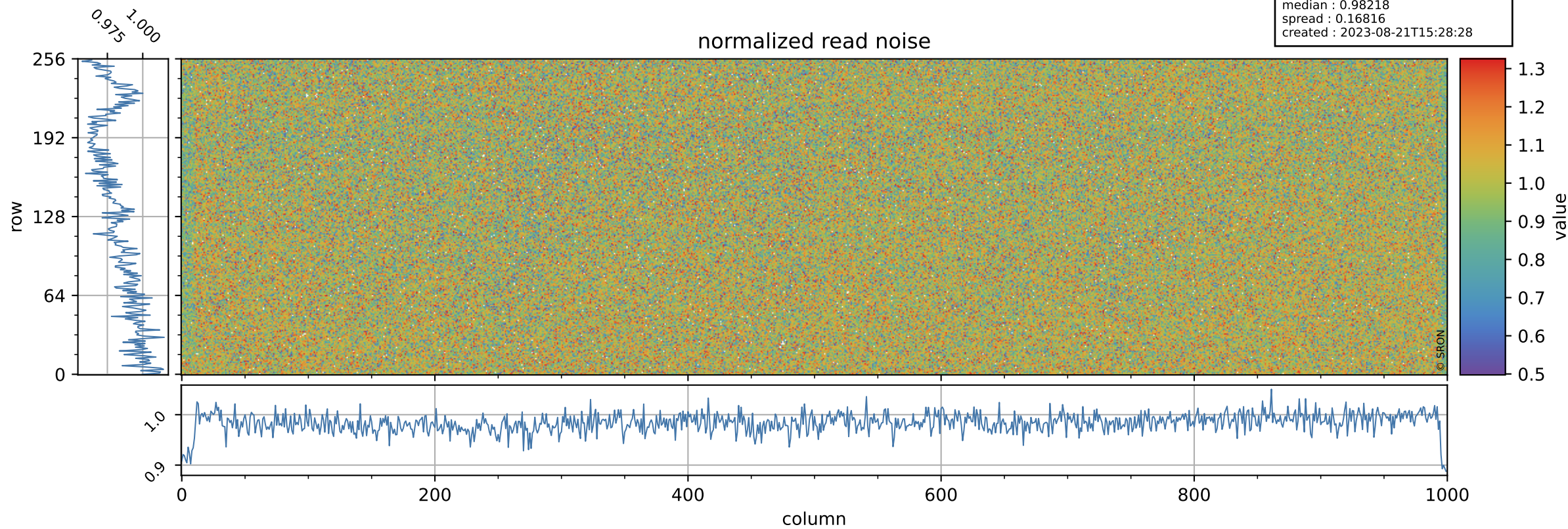
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

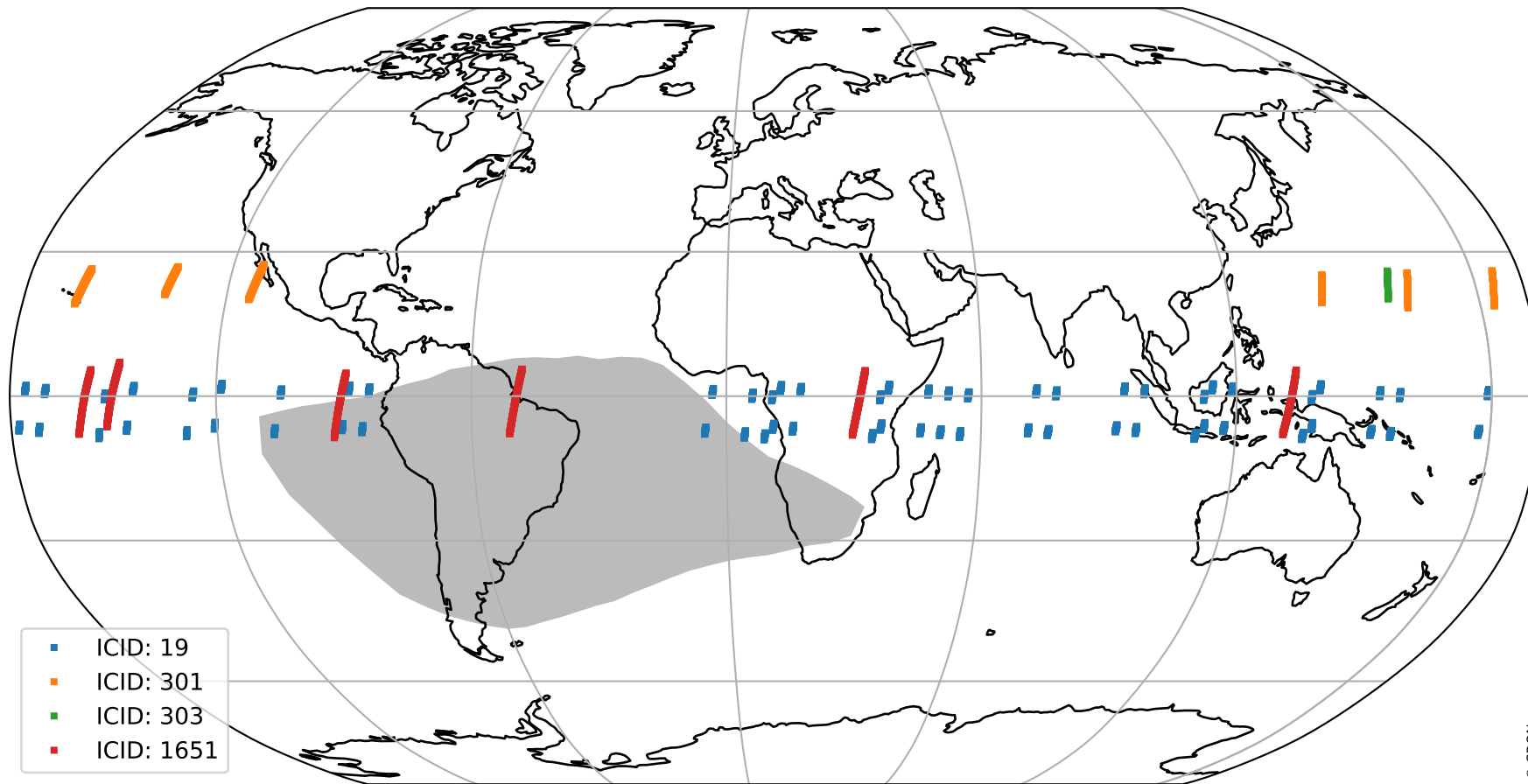
orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
median : 0.98218
spread : 0.16816
created : 2023-08-21T15:28:28

normalized read noise



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

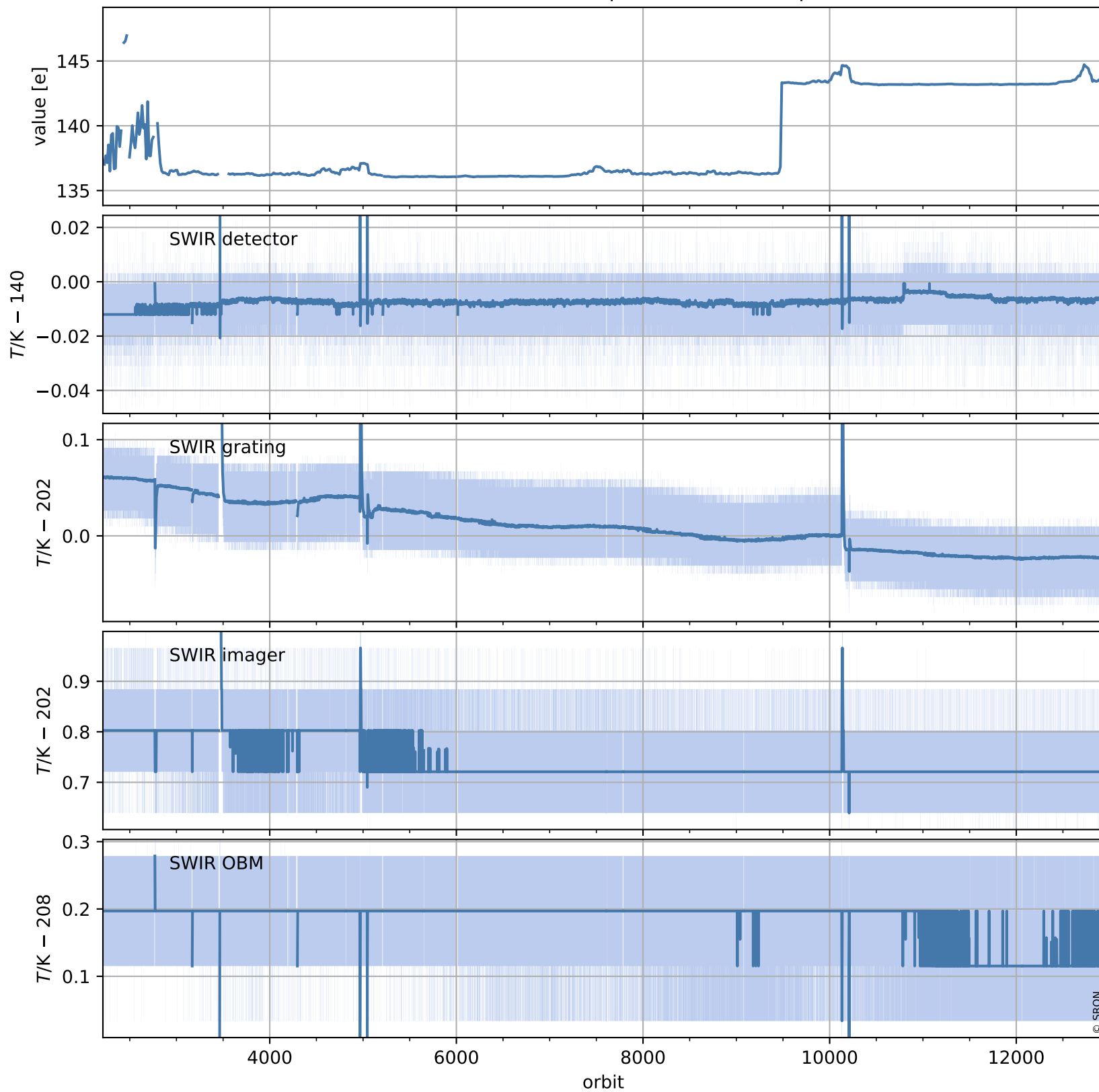
orbits : 13 in [12847, 12937]
coverage : 2020-04-06 / 2020-04-12
created : 2023-08-21T15:28:28



Tropomi SWIR background noise (swir)

orbits : [2212, 12937]
coverage : 2018-03-18 / 2020-04-12
created : 2023-08-21T15:28:29

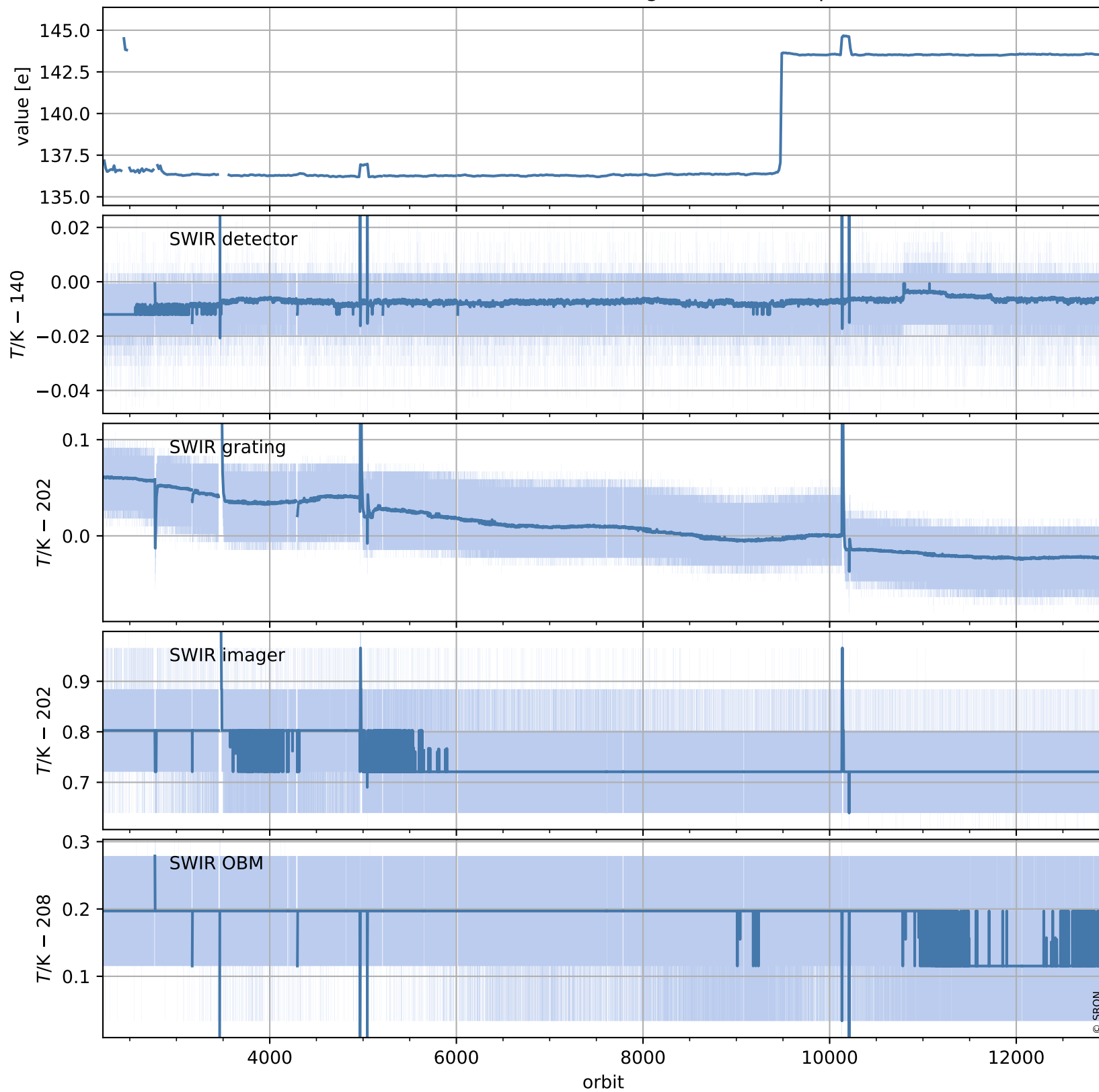
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12937]
coverage : 2018-03-18 / 2020-04-12
created : 2023-08-21T15:28:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12937]
coverage : 2018-03-18 / 2020-04-12
created : 2023-08-21T15:28:30

trend of normalized read-noise & temperatures

