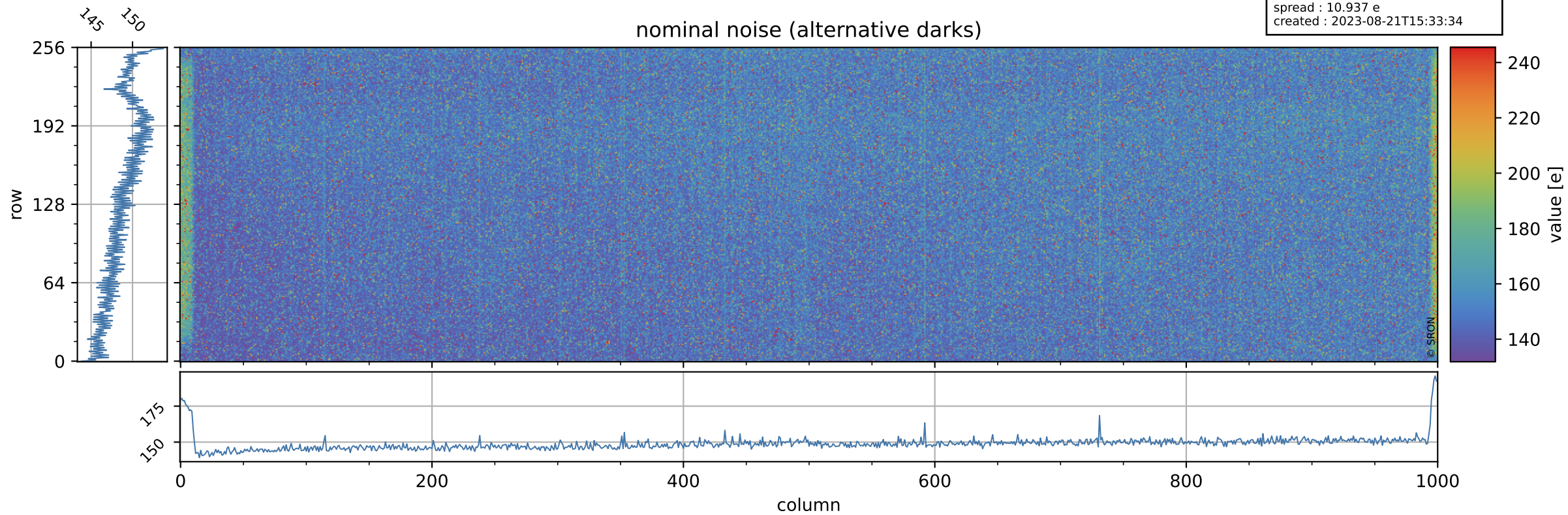


Tropomi SWIR background noise (swir)

orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.937 e
created : 2023-08-21T15:33:34

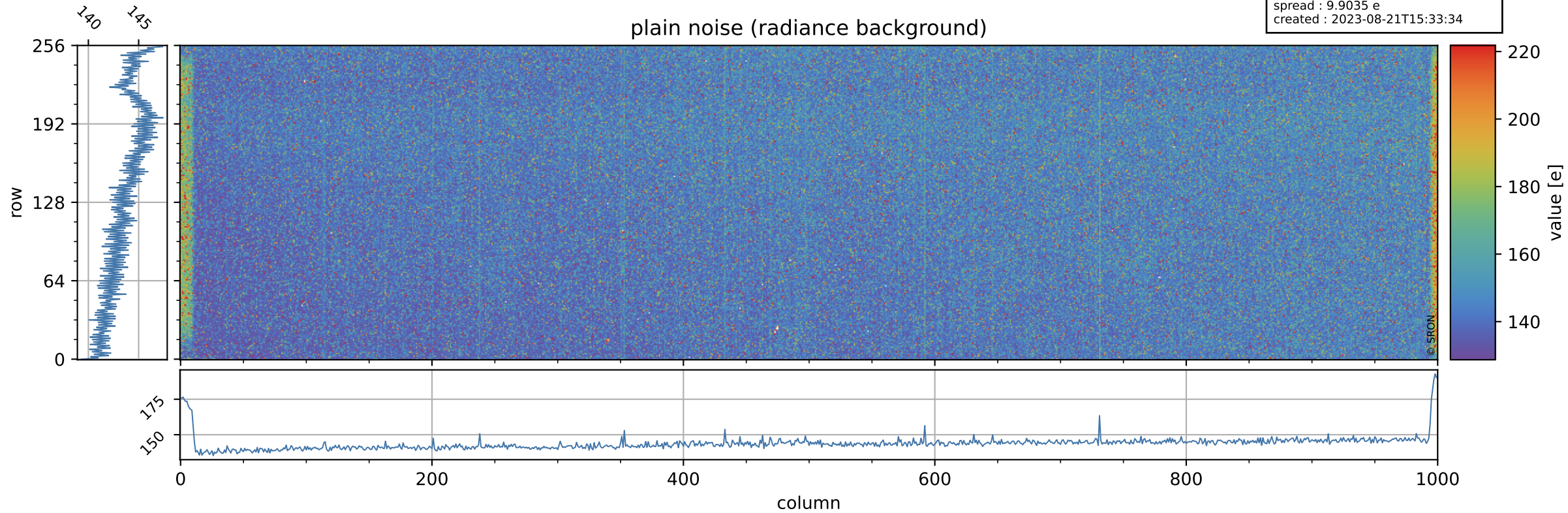
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.9035 e
created : 2023-08-21T15:33:34

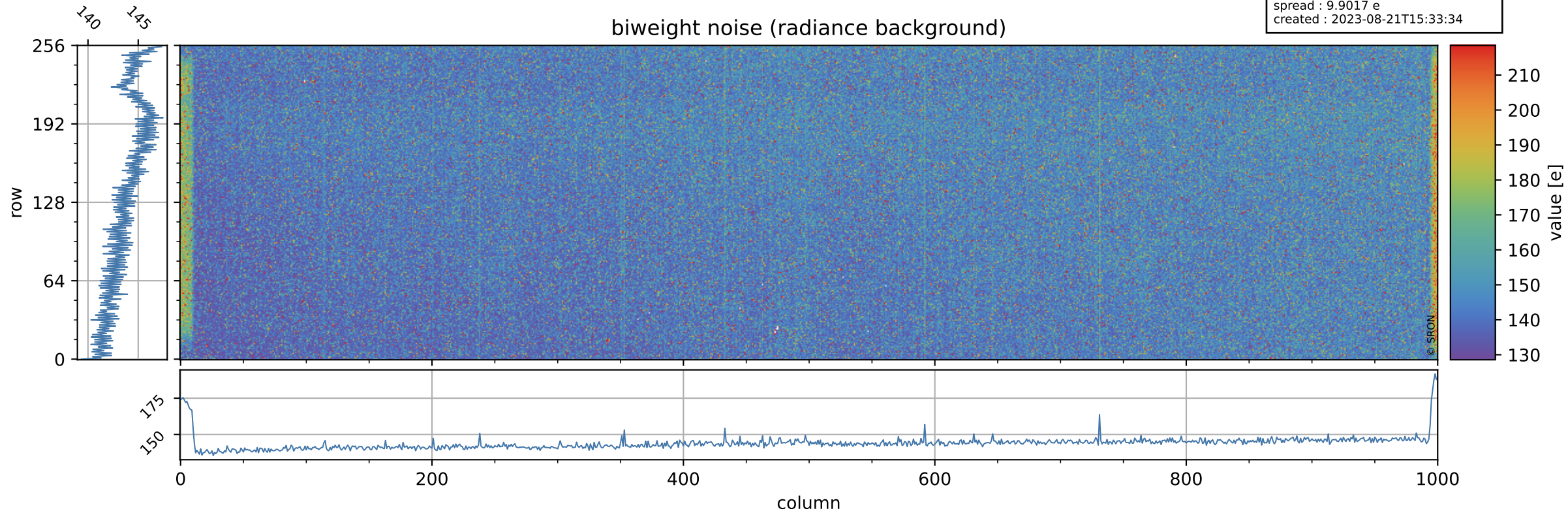
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.9017 e
created : 2023-08-21T15:33:34

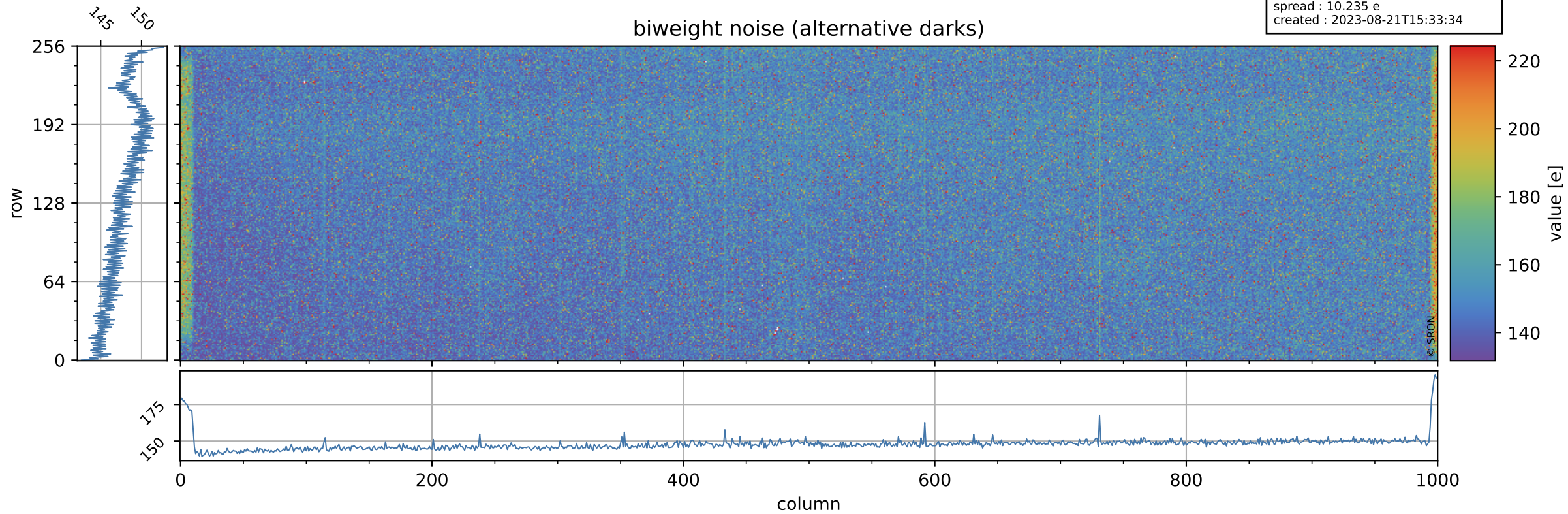
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.235 e
created : 2023-08-21T15:33:34

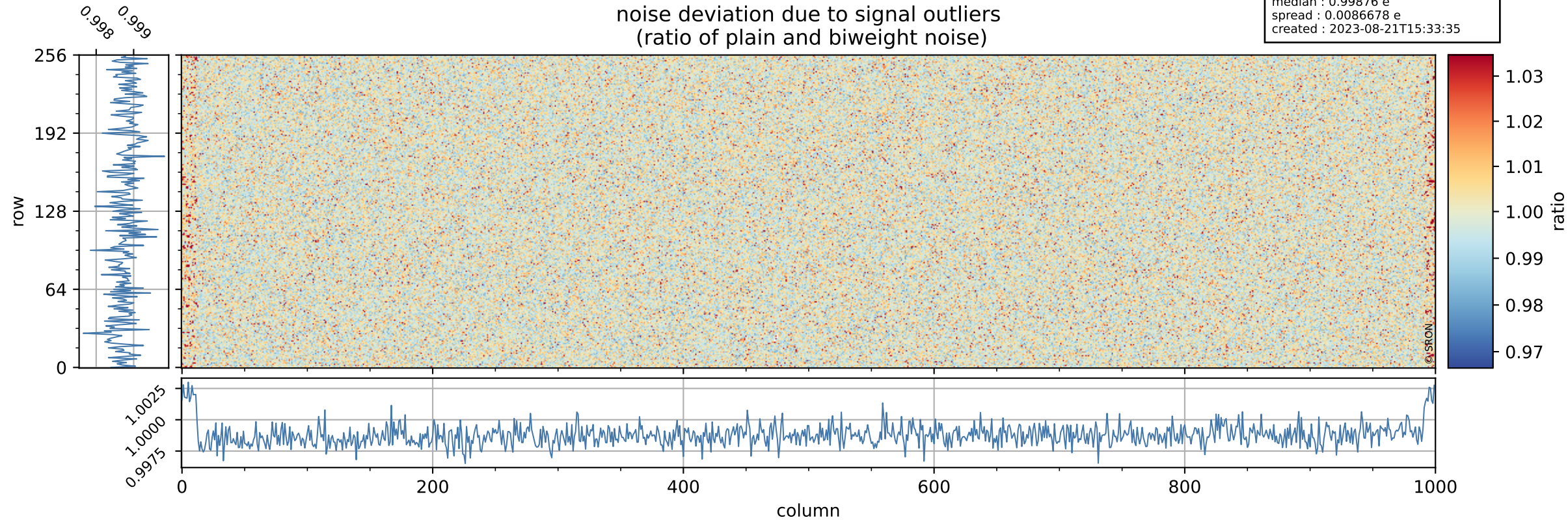
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

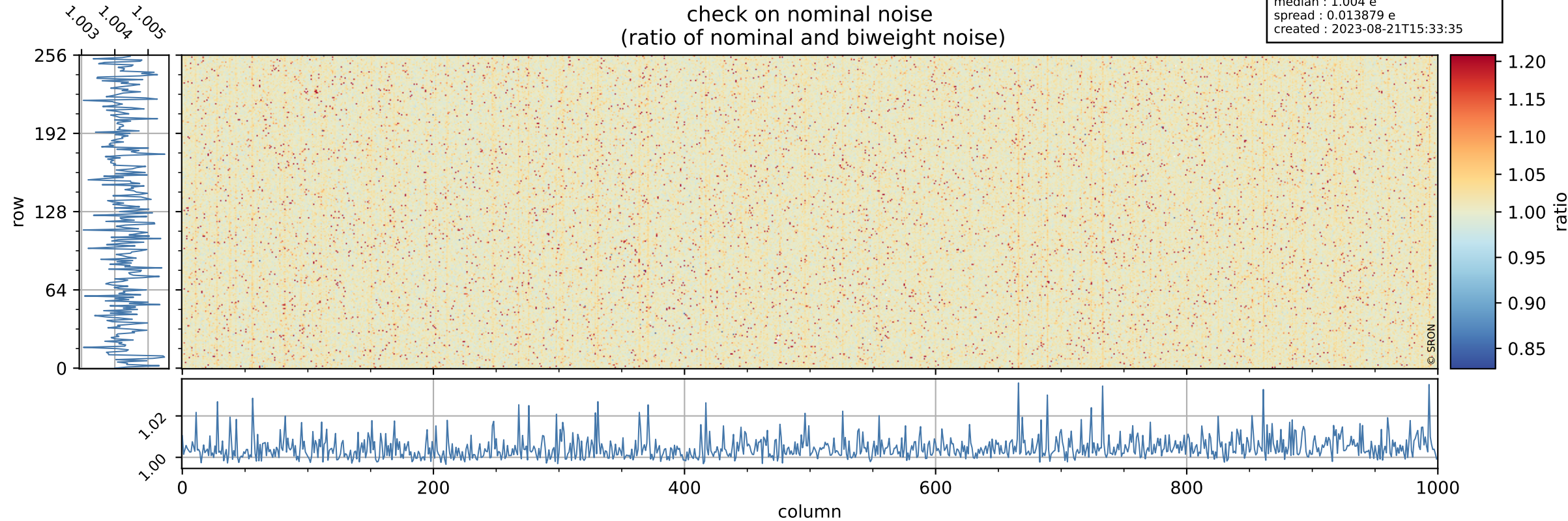
orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
median : 0.99876 e
spread : 0.0086678 e
created : 2023-08-21T15:33:35



Tropomi SWIR background noise (swir)

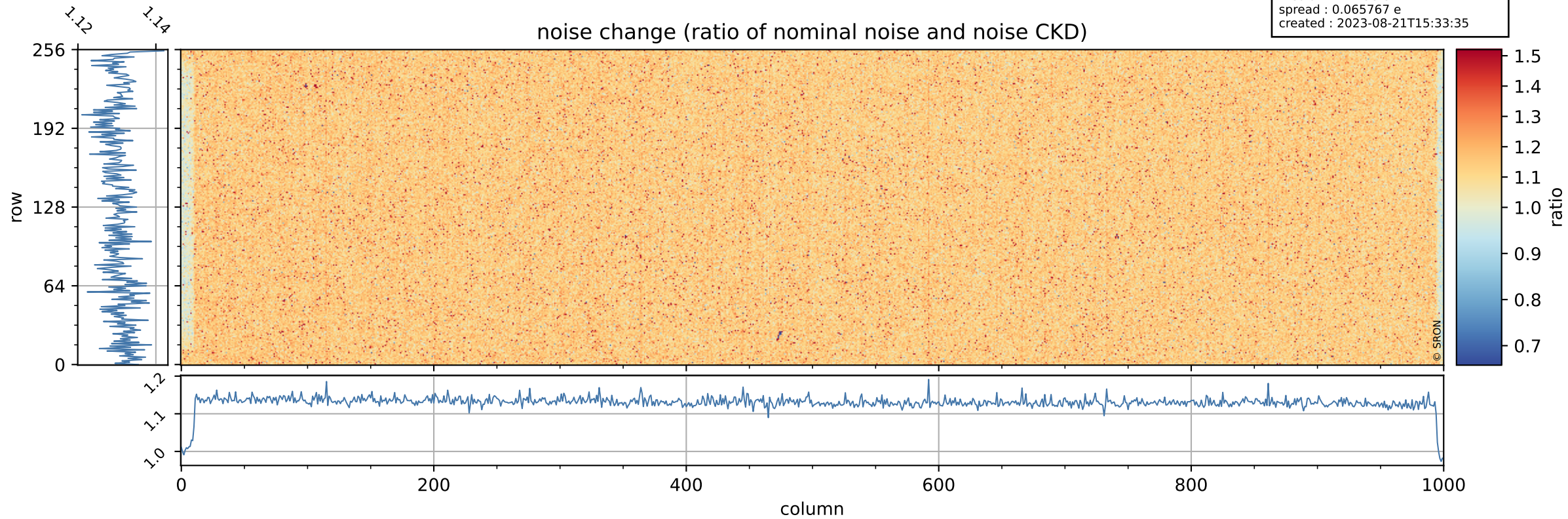
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
median : 1.004 e
spread : 0.013879 e
created : 2023-08-21T15:33:35



Tropomi SWIR background noise (swir)

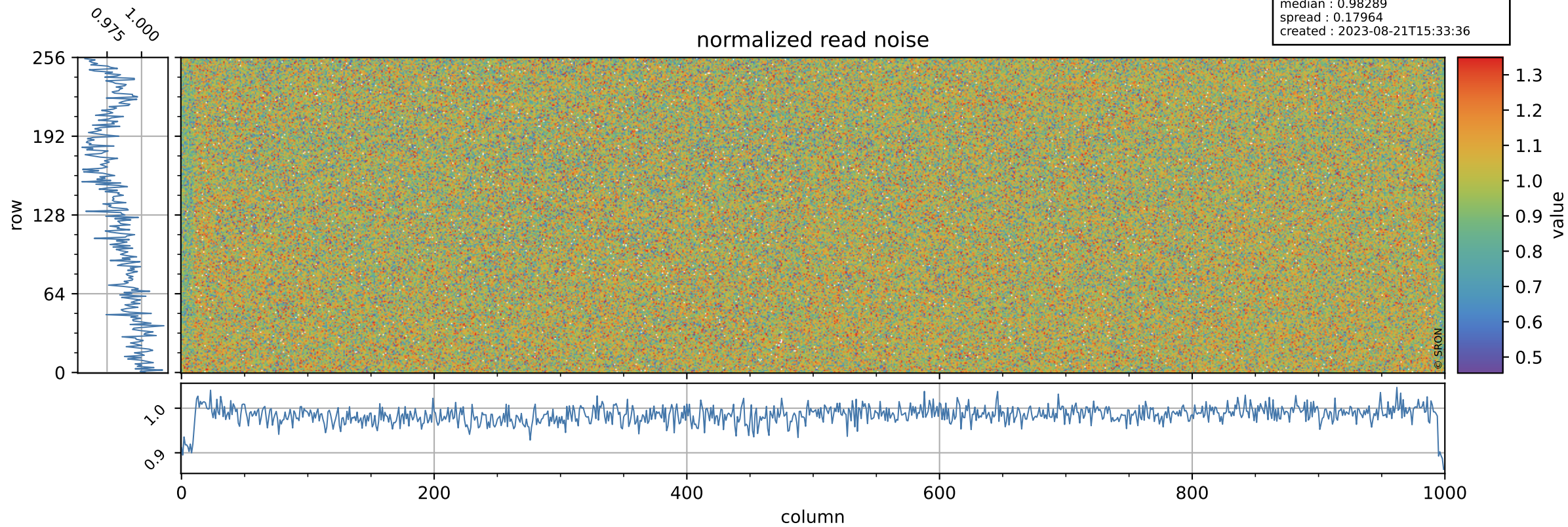
orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
median : 1.1298 e
spread : 0.065767 e
created : 2023-08-21T15:33:35



Tropomi SWIR background noise (swir)

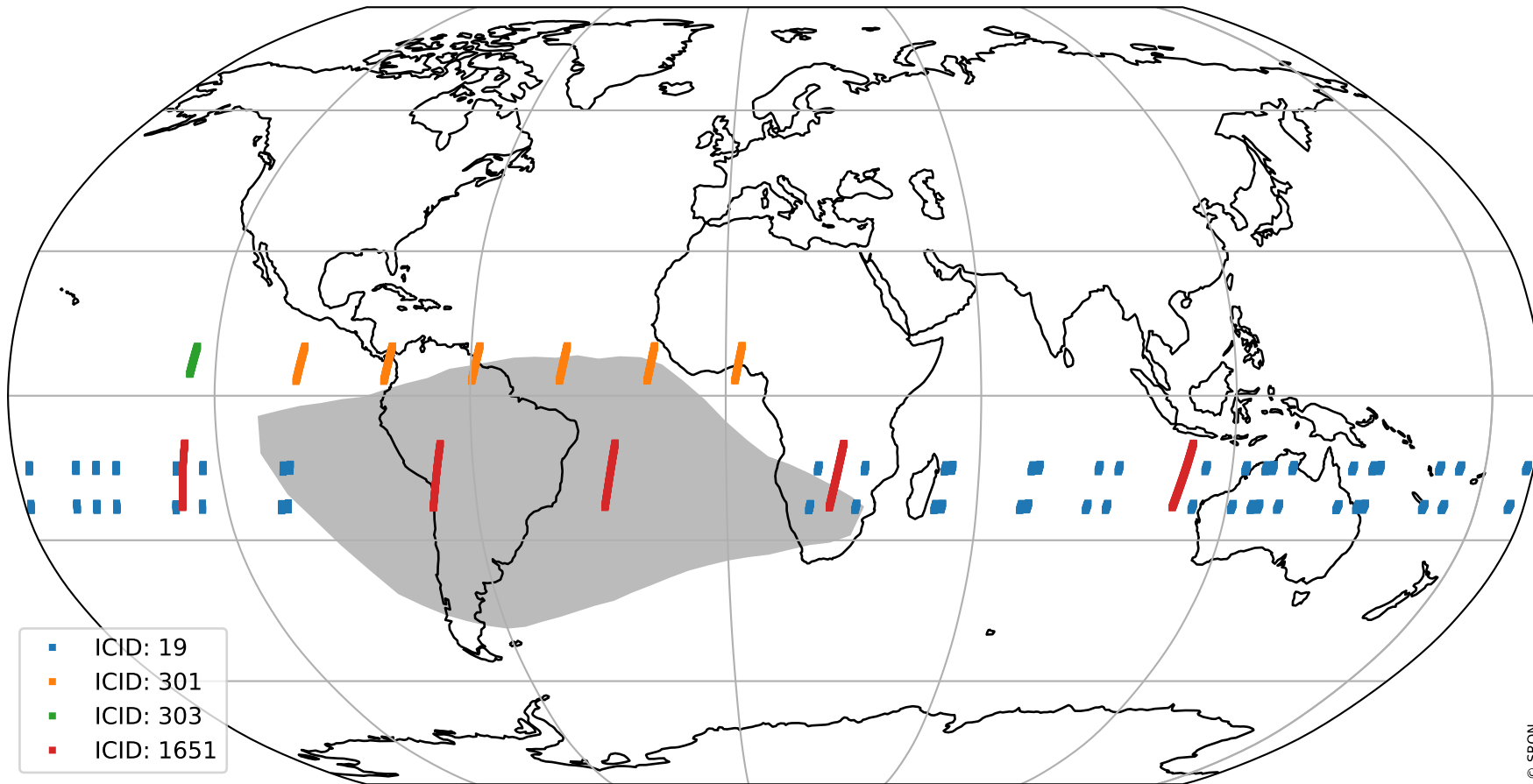
orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
median : 0.98289
spread : 0.17964
created : 2023-08-21T15:33:36

normalized read noise



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

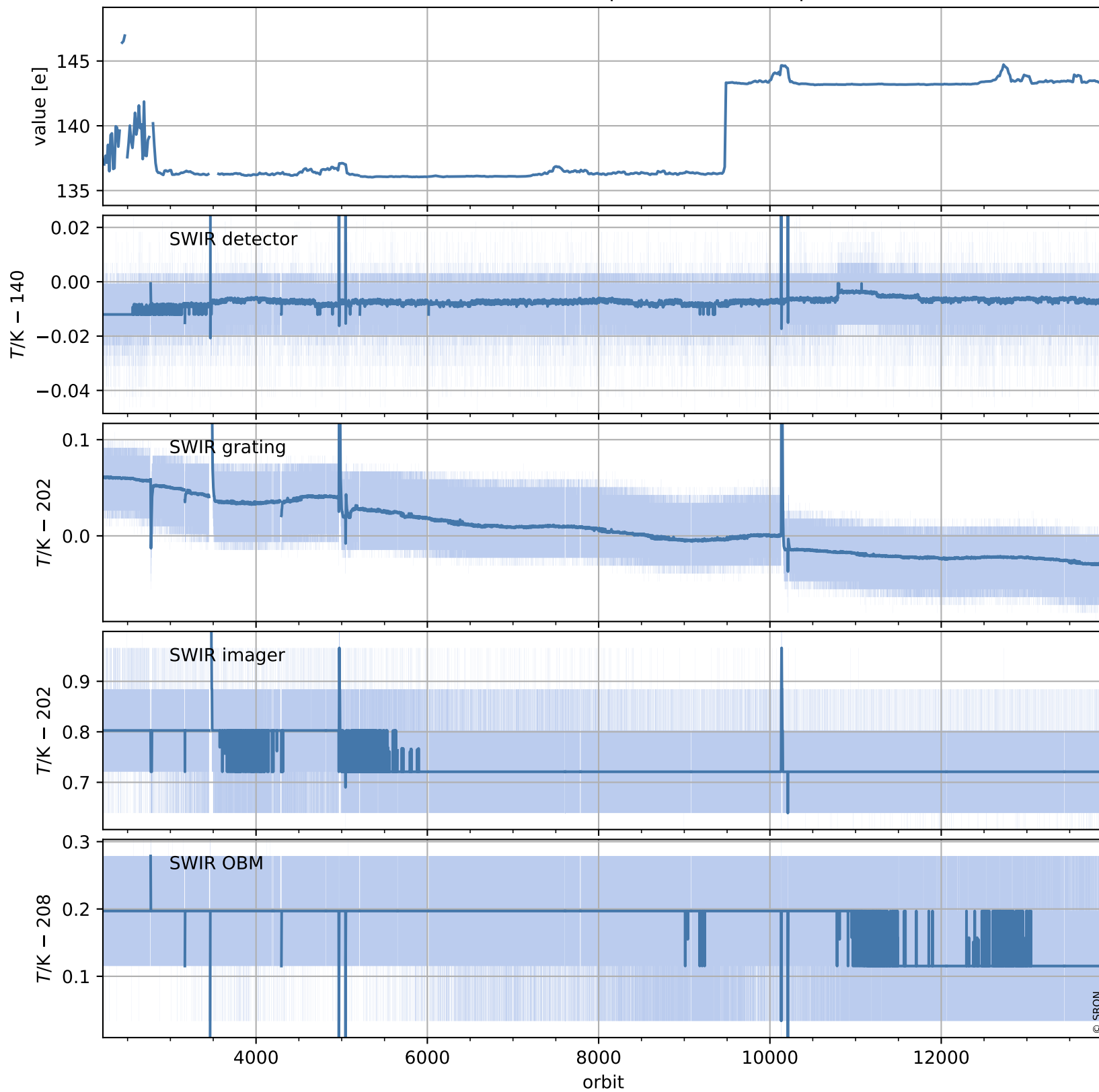
orbits : 12 in [13807, 13897]
coverage : 2020-06-12 / 2020-06-18
created : 2023-08-21T15:33:36



Tropomi SWIR background noise (swir)

orbits : [2212, 13897]
coverage : 2018-03-18 / 2020-06-18
created : 2023-08-21T15:33:36

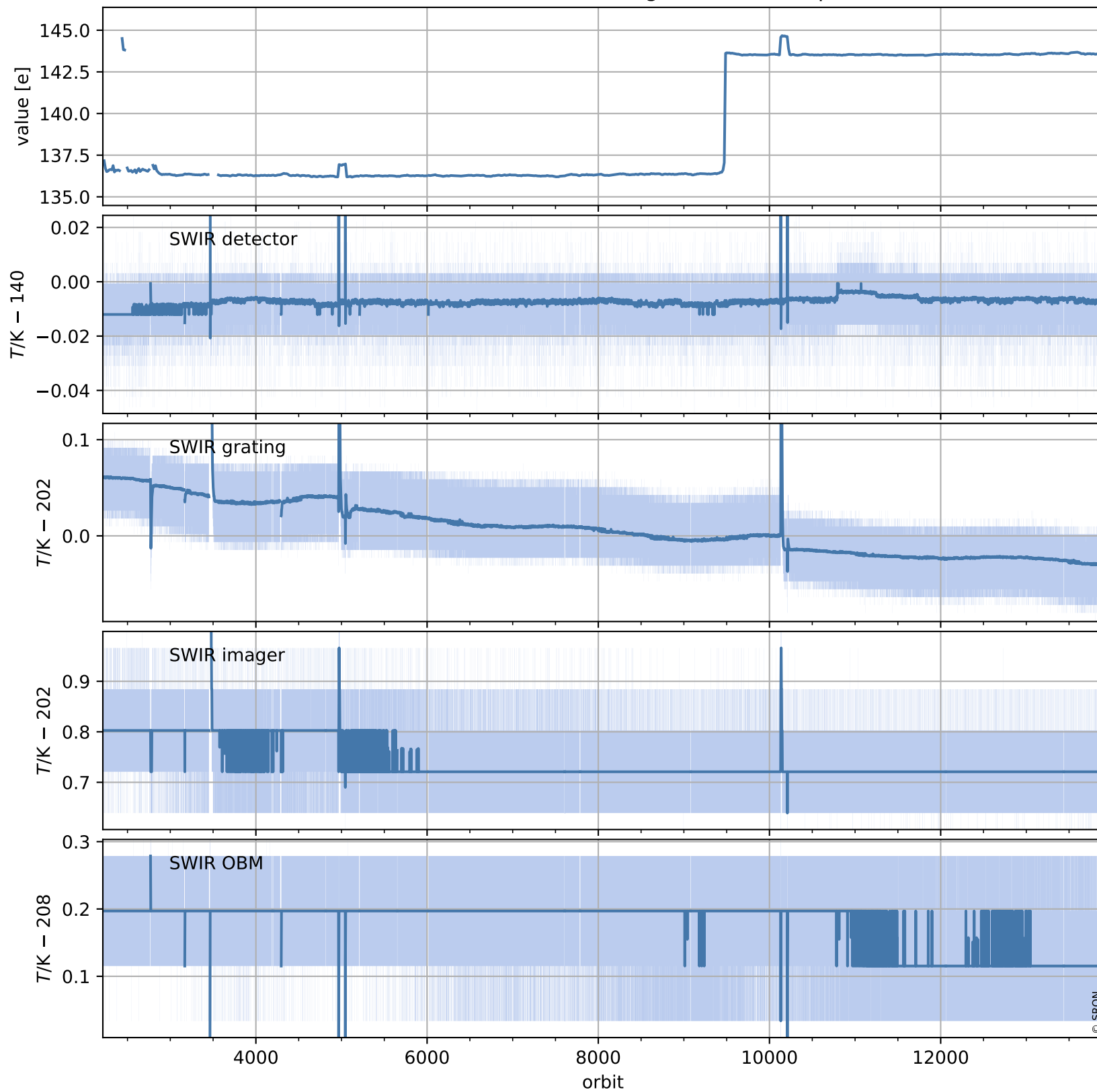
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13897]
coverage : 2018-03-18 / 2020-06-18
created : 2023-08-21T15:33:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13897]
coverage : 2018-03-18 / 2020-06-18
created : 2023-08-21T15:33:37

trend of normalized read-noise & temperatures

