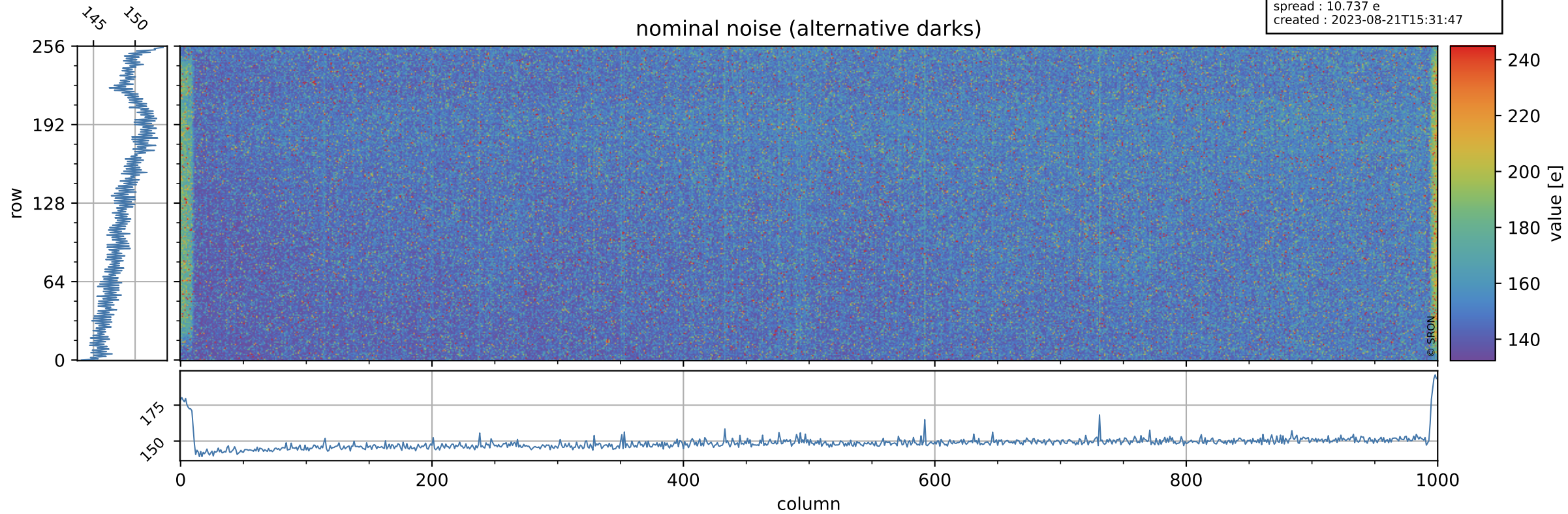


Tropomi SWIR background noise (swir)

orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
n_coad, t_exp : 1, 1.0783
median : 148.58 e
spread : 10.737 e
created : 2023-08-21T15:31:47

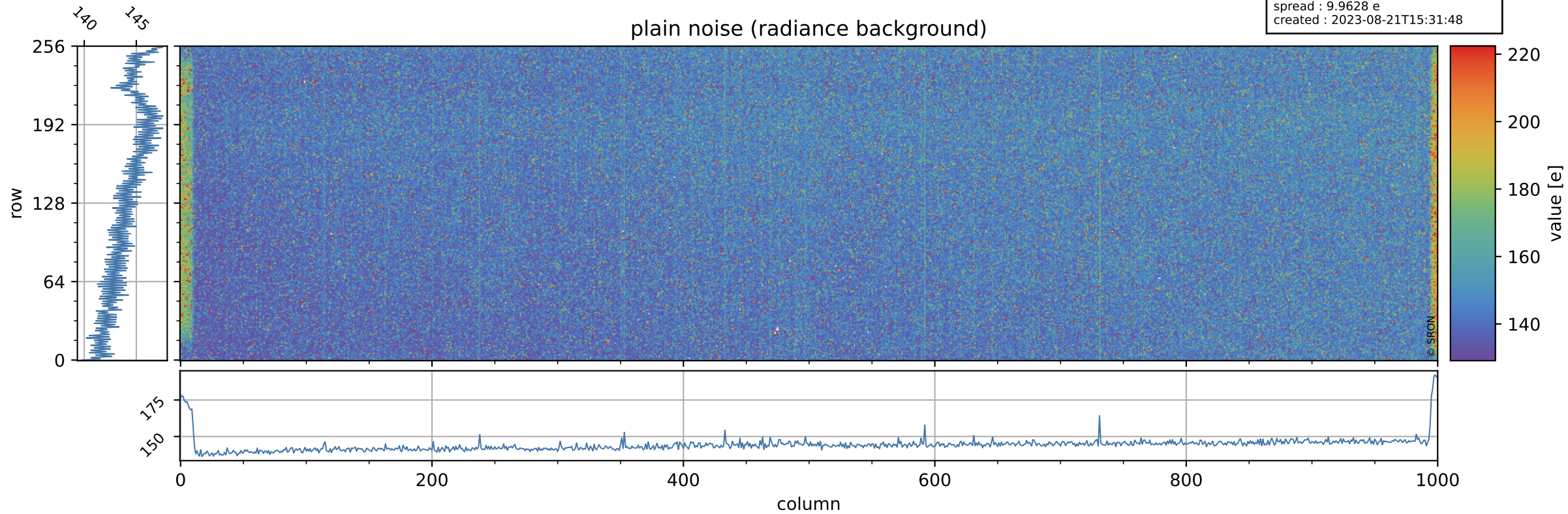
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
n_coad, t_exp : 1, 0.8383
median : 144.02 e
spread : 9.9628 e
created : 2023-08-21T15:31:48

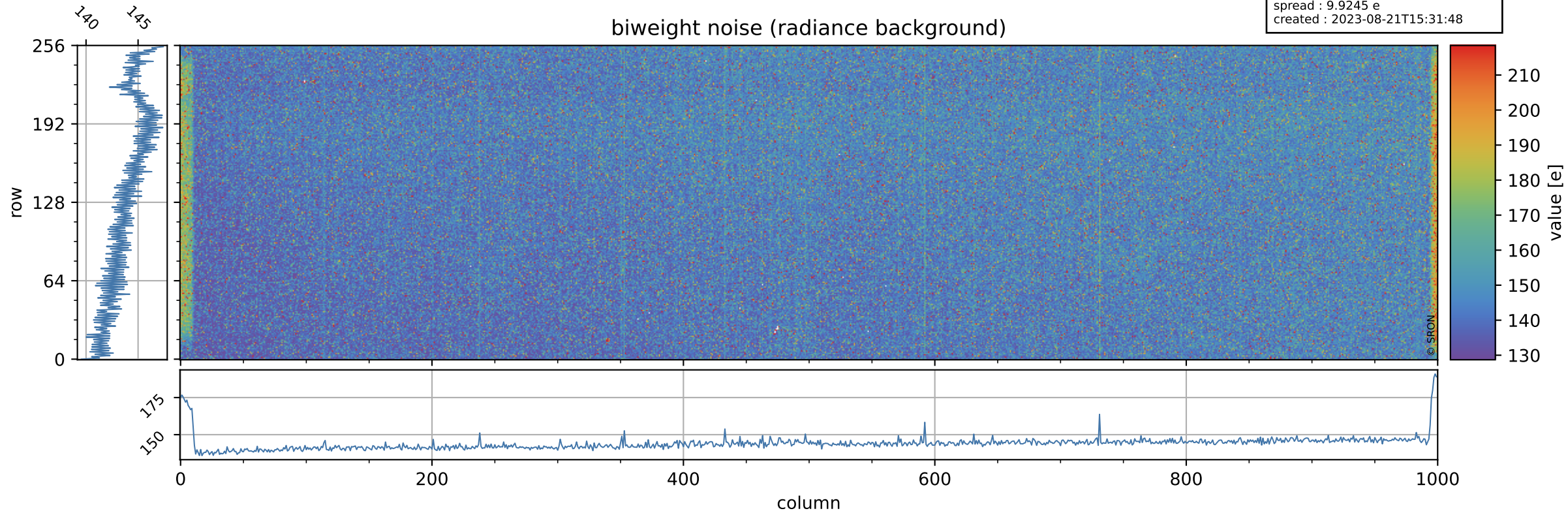
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9245 e
created : 2023-08-21T15:31:48

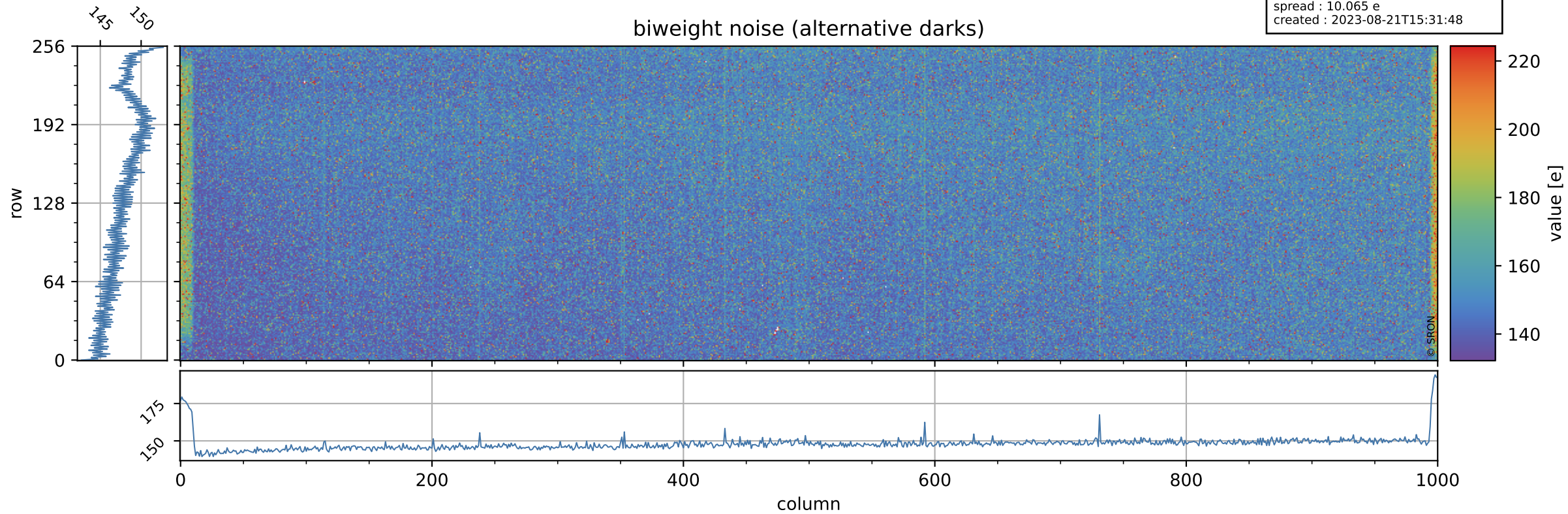
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.065 e
created : 2023-08-21T15:31:48

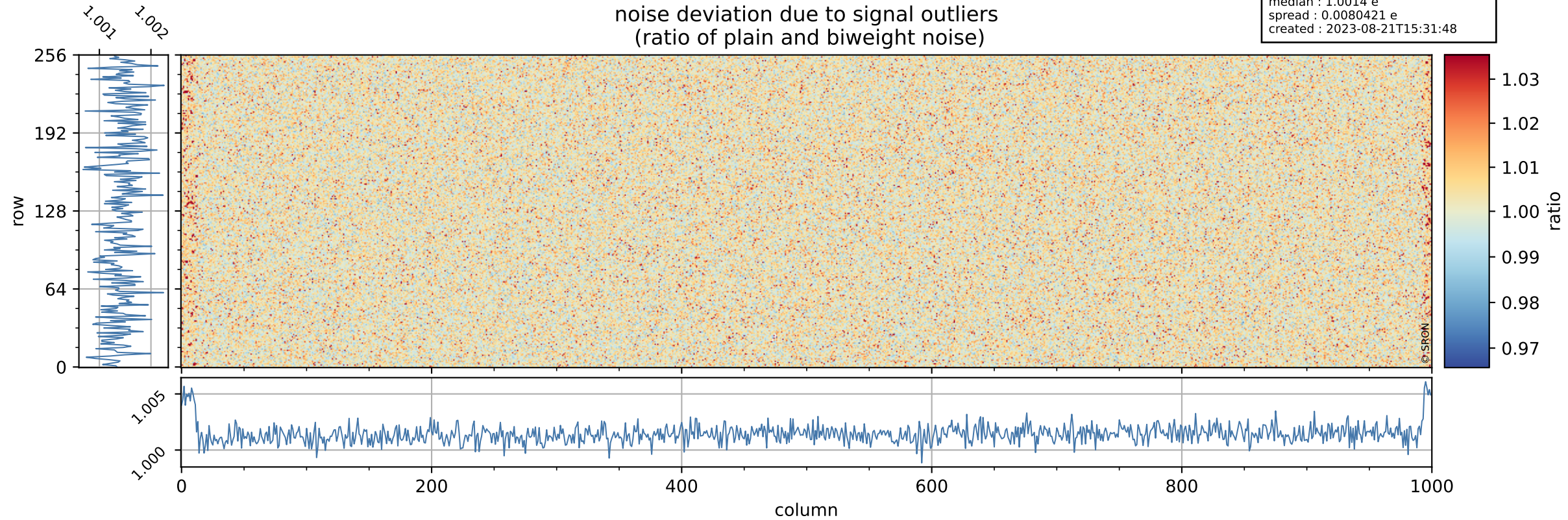
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

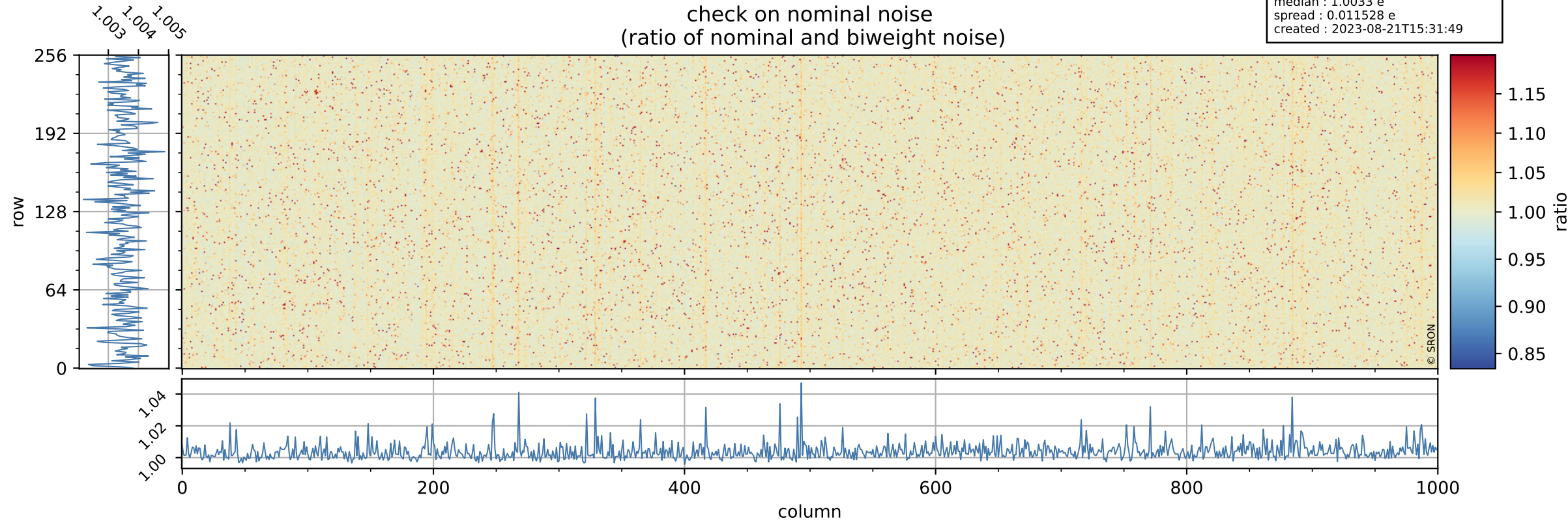
orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
median : 1.0014 e
spread : 0.0080421 e
created : 2023-08-21T15:31:48



Tropomi SWIR background noise (swir)

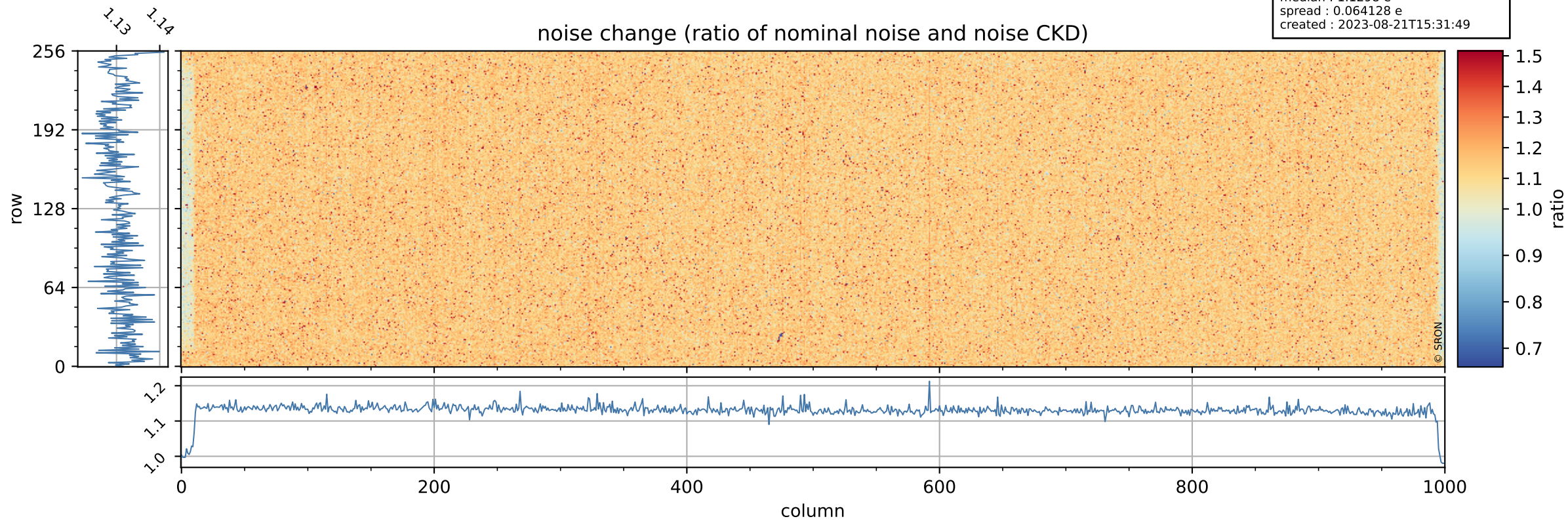
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
median : 1.0033 e
spread : 0.011528 e
created : 2023-08-21T15:31:49



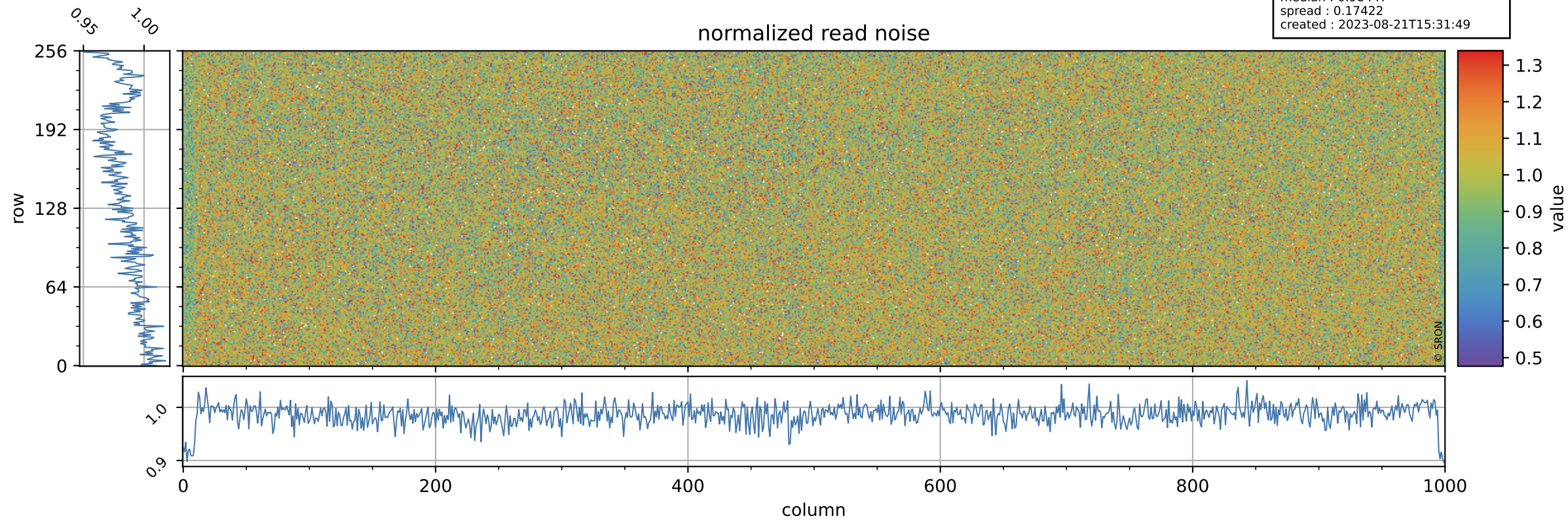
Tropomi SWIR background noise (swir)

orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
median : 1.1298 e
spread : 0.064128 e
created : 2023-08-21T15:31:49



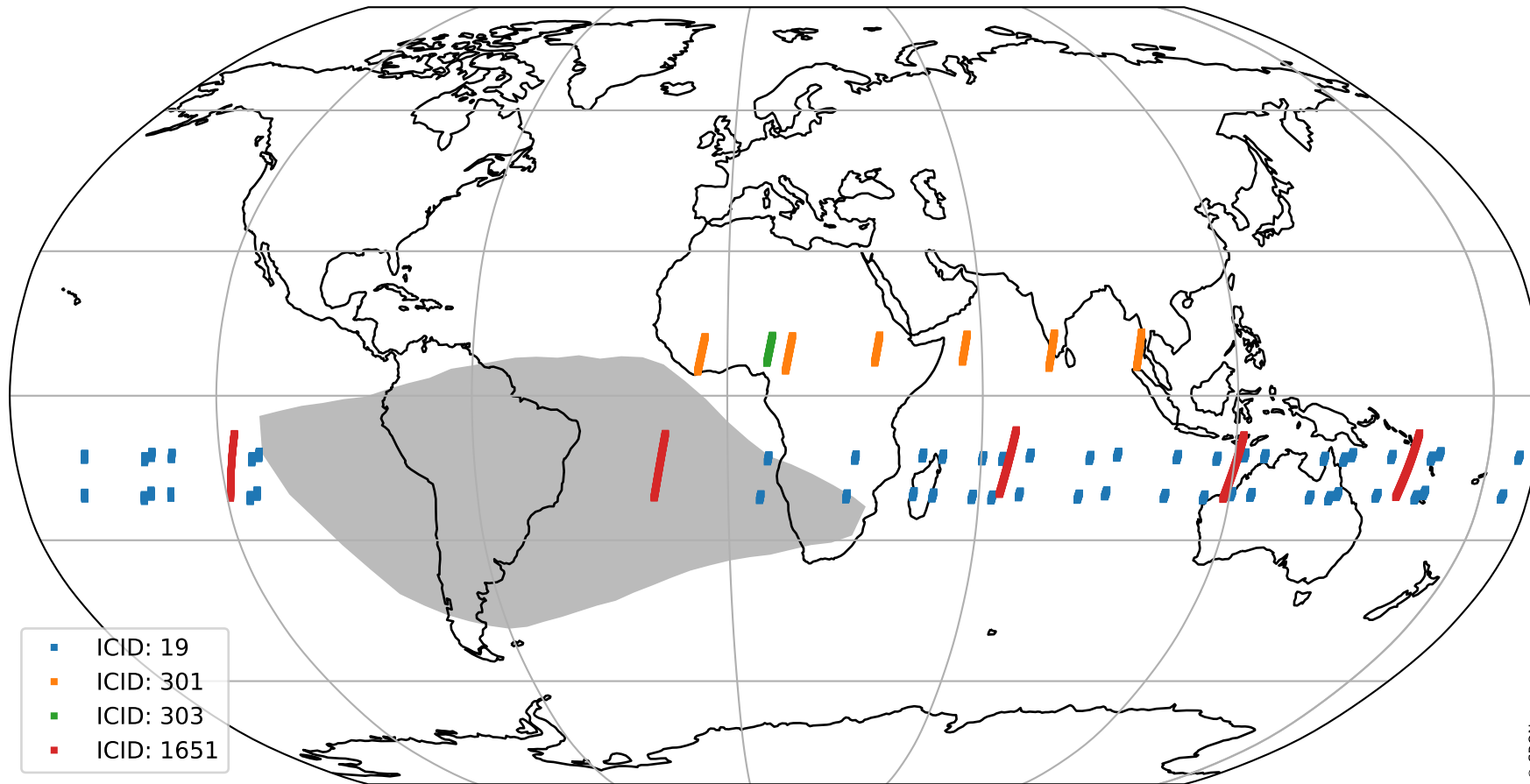
Tropomi SWIR background noise (swir)

orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
median : 0.98447
spread : 0.17422
created : 2023-08-21T15:31:49



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

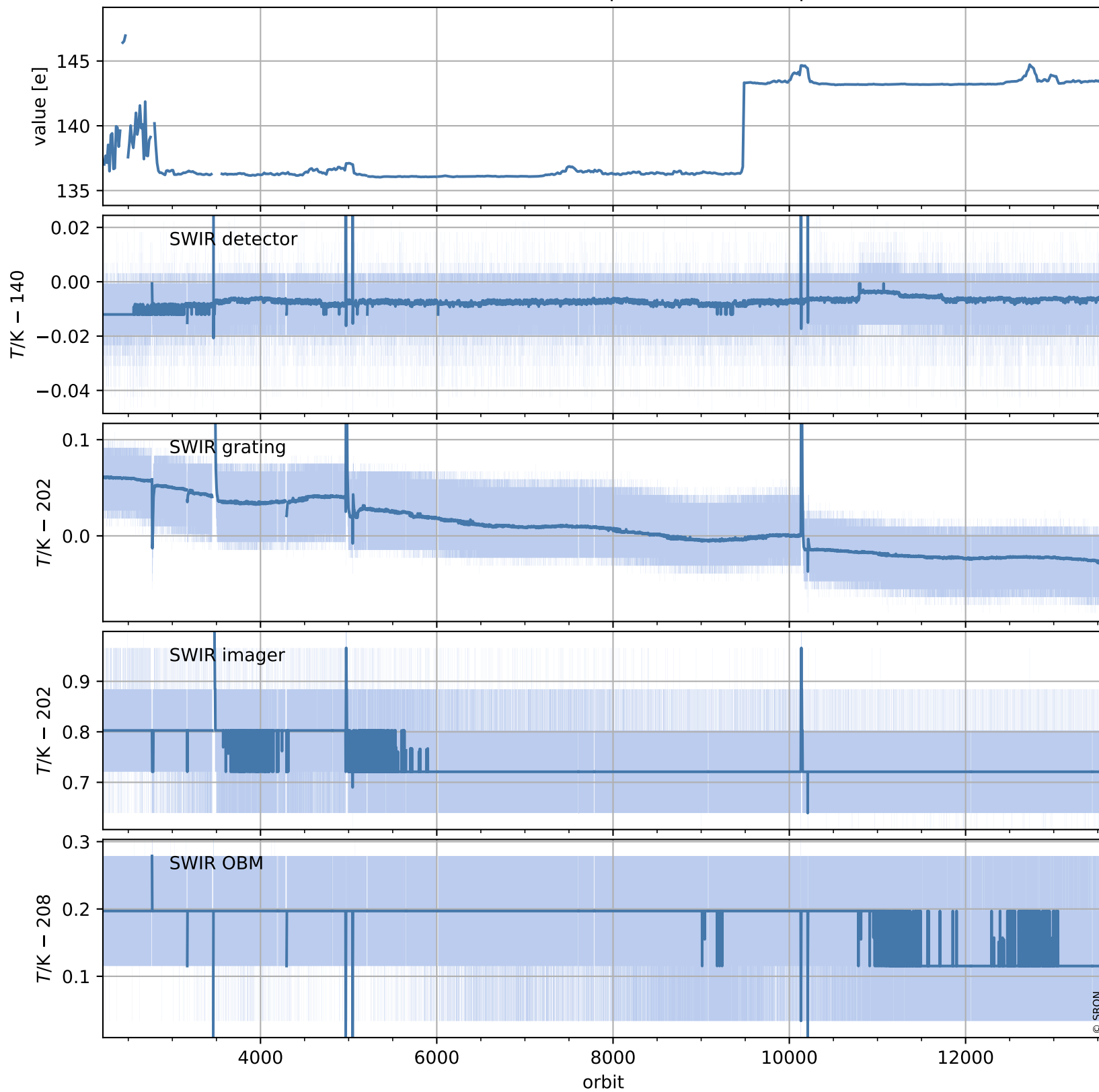
orbits : 12 in [13477, 13567]
coverage : 2020-05-20 / 2020-05-26
created : 2023-08-21T15:31:49



Tropomi SWIR background noise (swir)

orbits : [2212, 13567]
coverage : 2018-03-18 / 2020-05-26
created : 2023-08-21T15:31:50

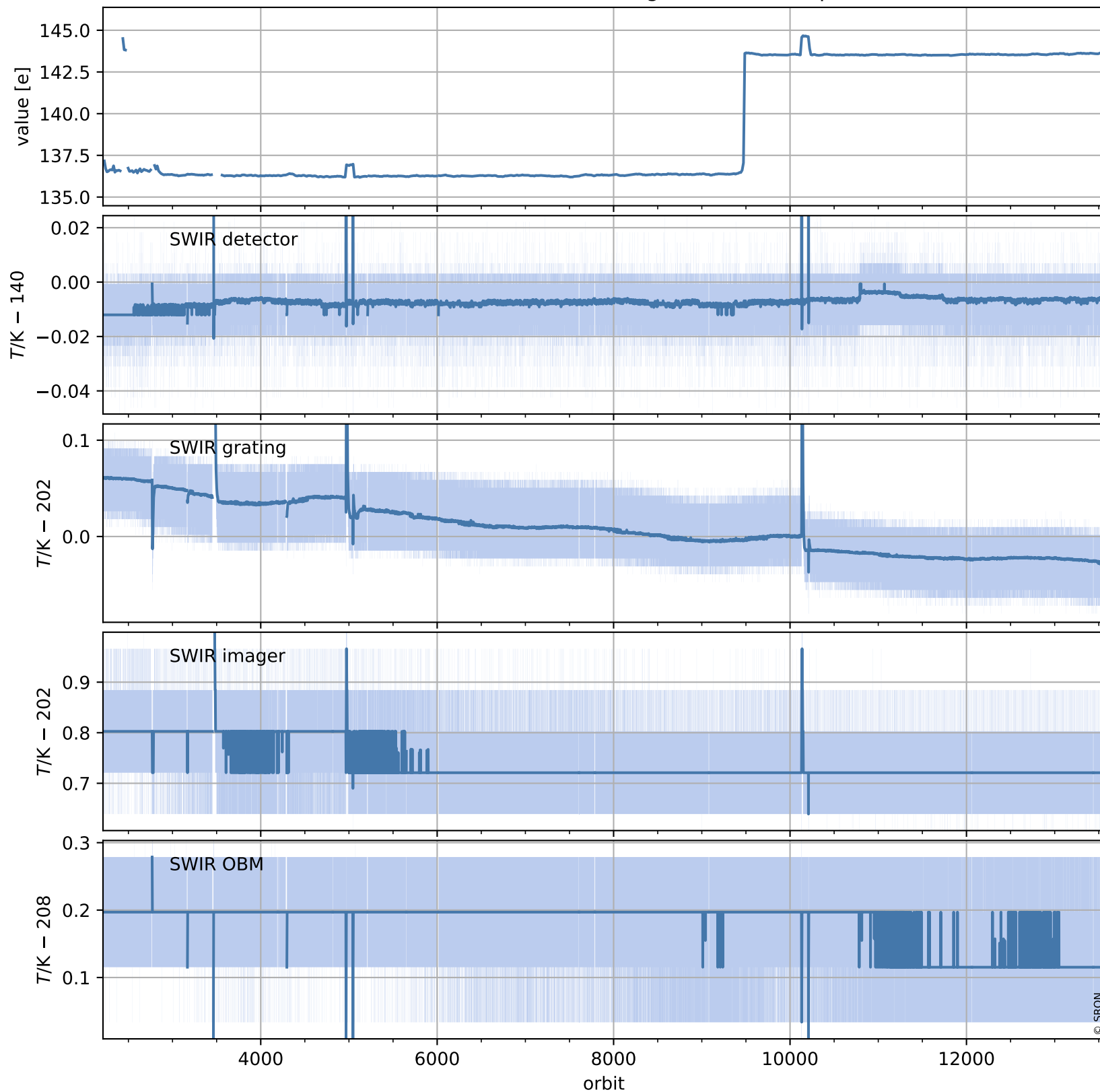
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13567]
coverage : 2018-03-18 / 2020-05-26
created : 2023-08-21T15:31:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13567]
coverage : 2018-03-18 / 2020-05-26
created : 2023-08-21T15:31:51

trend of normalized read-noise & temperatures

