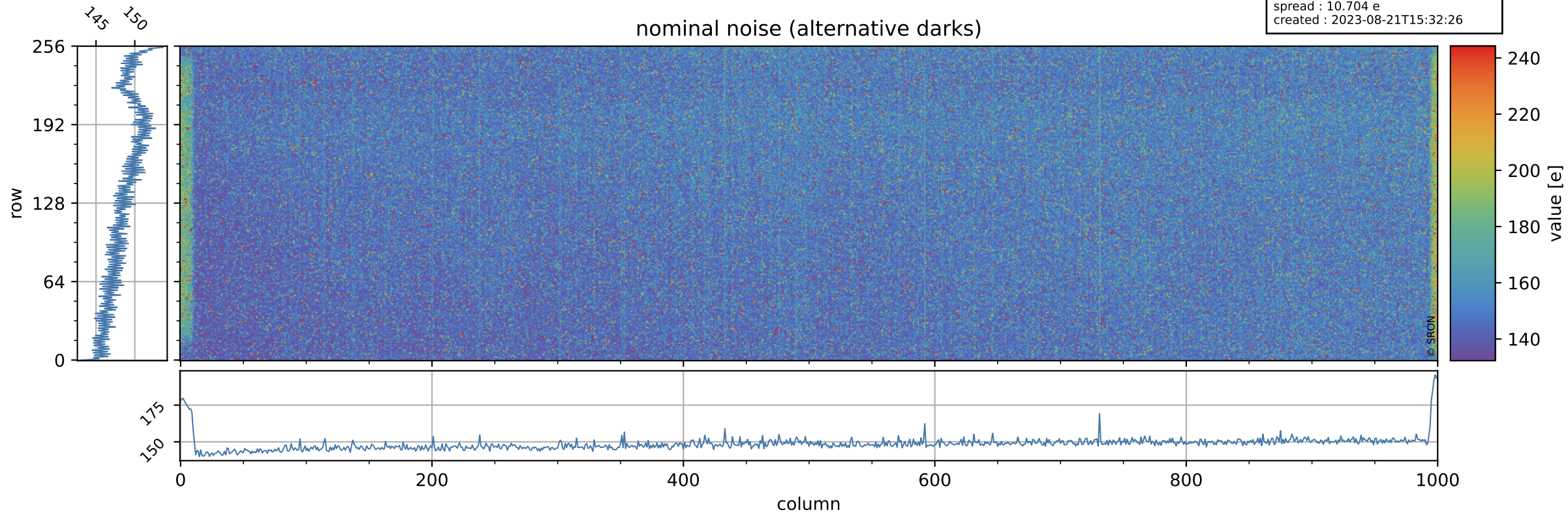


Tropomi SWIR background noise (swir)

orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
n_coad, t_exp : 1, 1.0783
median : 148.49 e
spread : 10.704 e
created : 2023-08-21T15:32:26

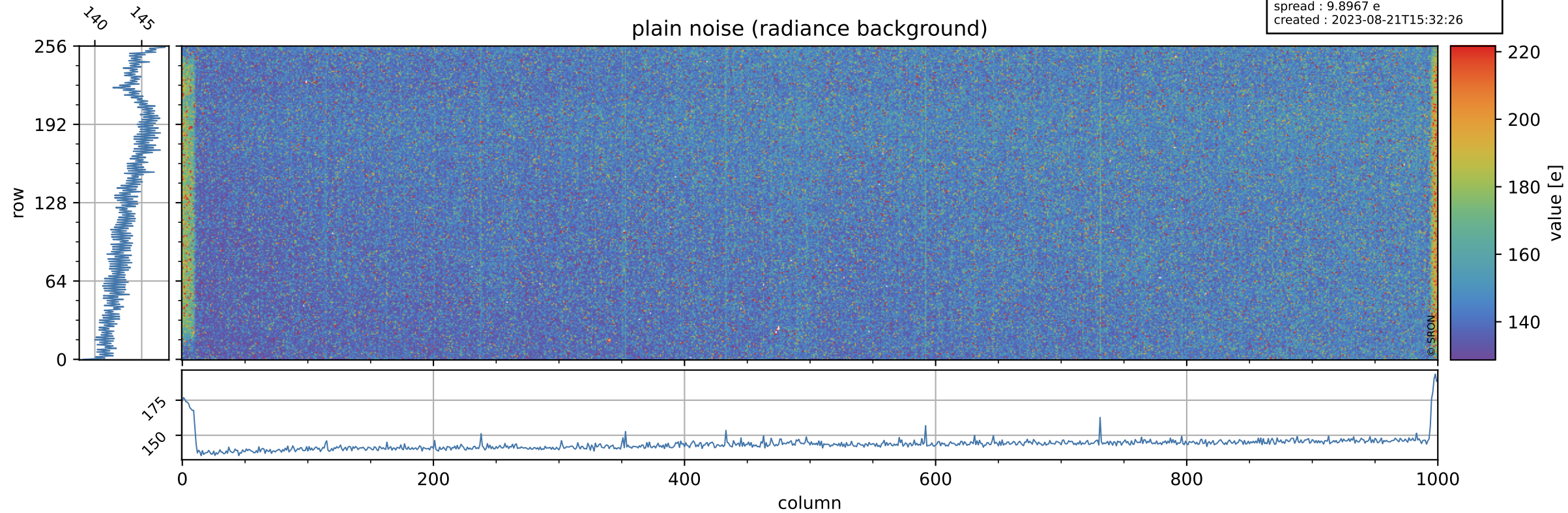
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8967 e
created : 2023-08-21T15:32:26

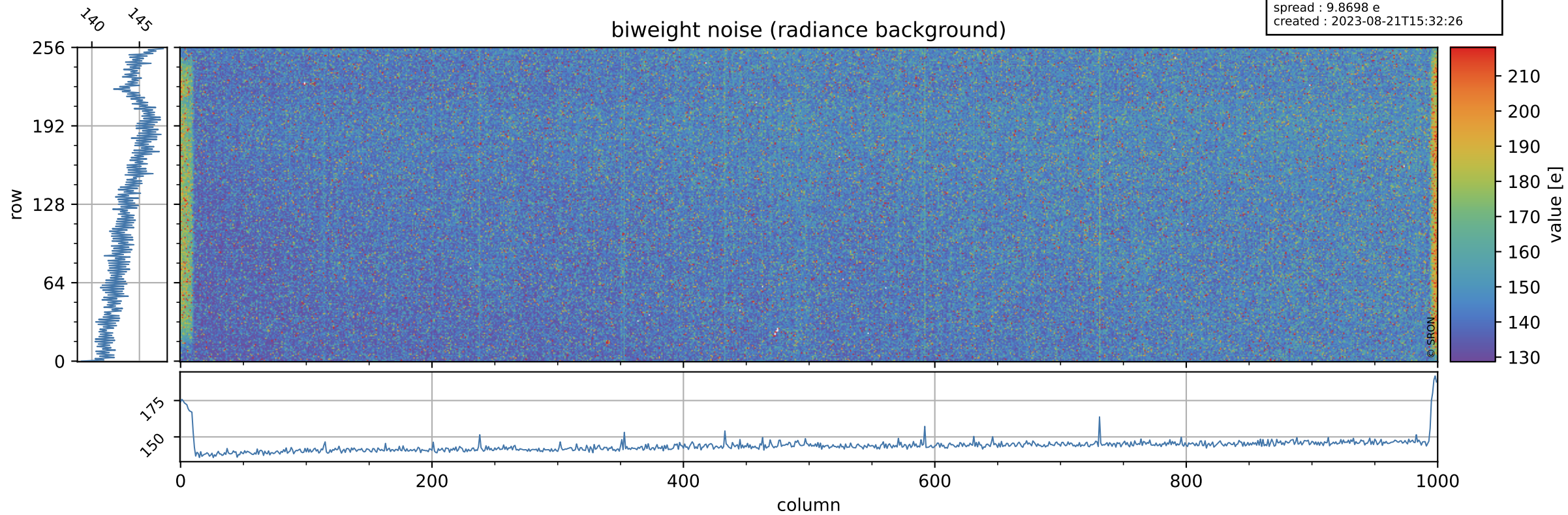
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.8698 e
created : 2023-08-21T15:32:26

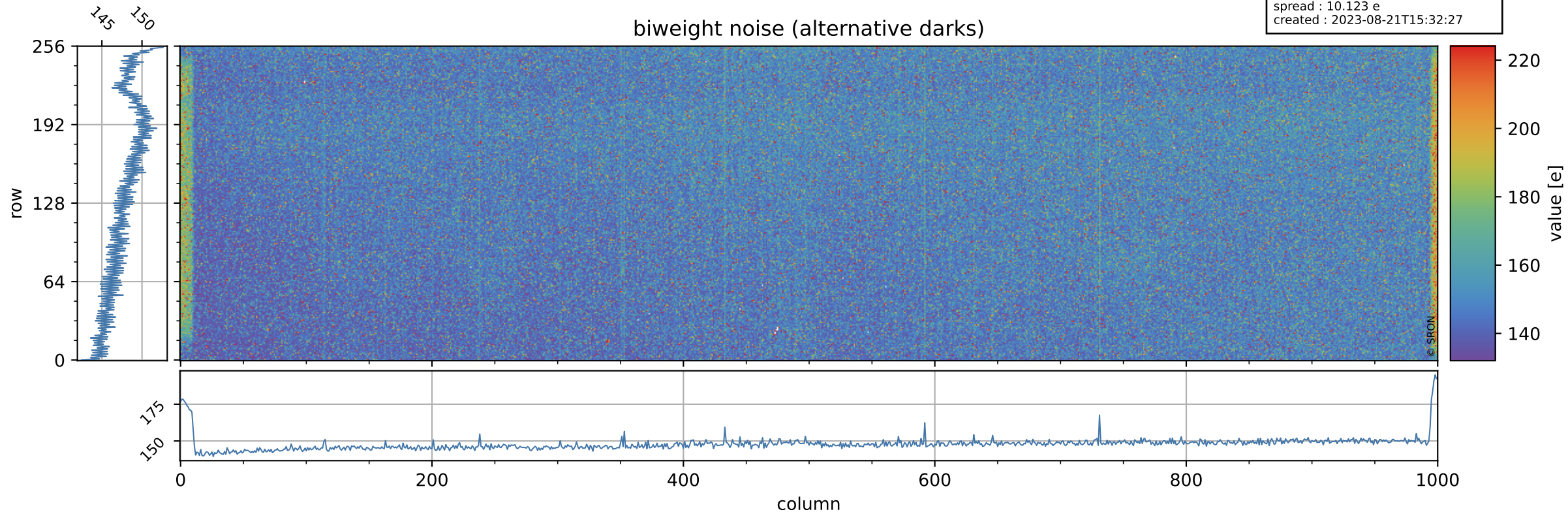
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
n_coad, t_exp : 1, 1.0783
median : 147.68 e
spread : 10.123 e
created : 2023-08-21T15:32:27

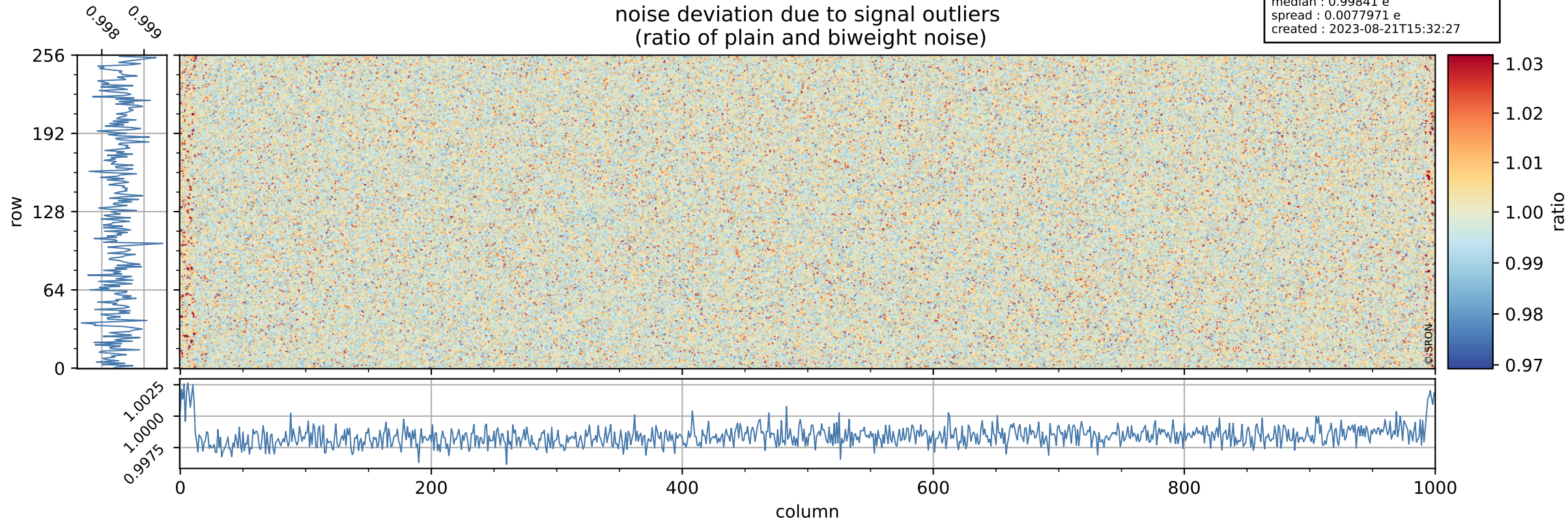
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

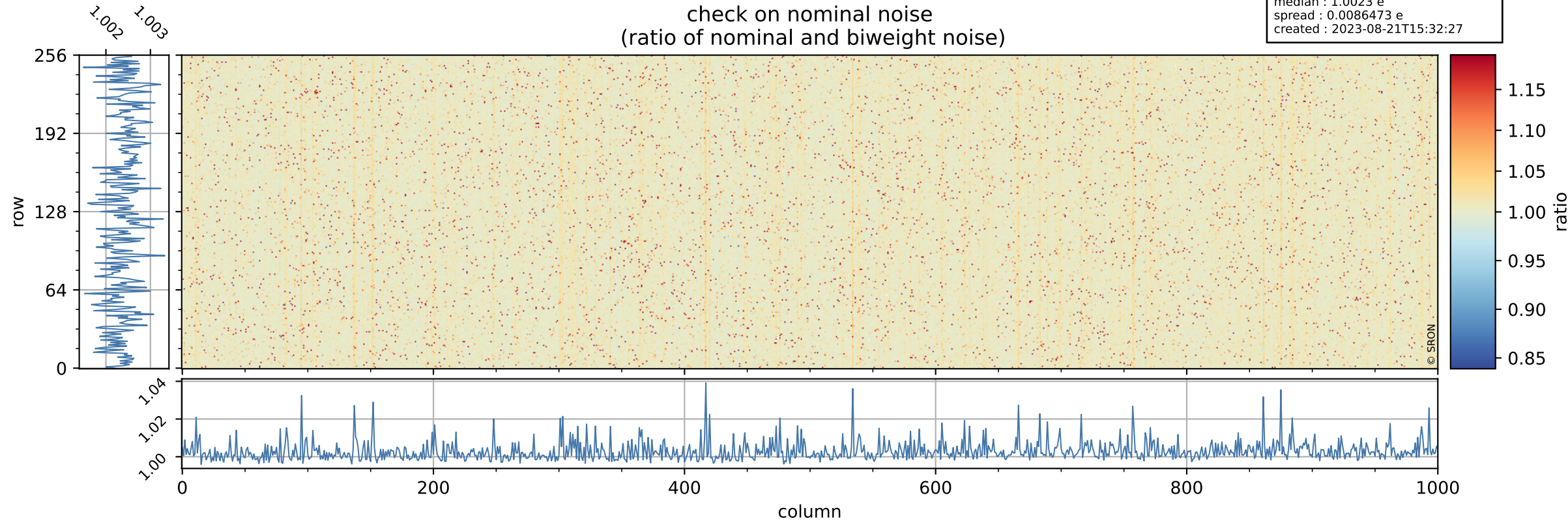
orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
median : 0.99841 e
spread : 0.0077971 e
created : 2023-08-21T15:32:27



Tropomi SWIR background noise (swir)

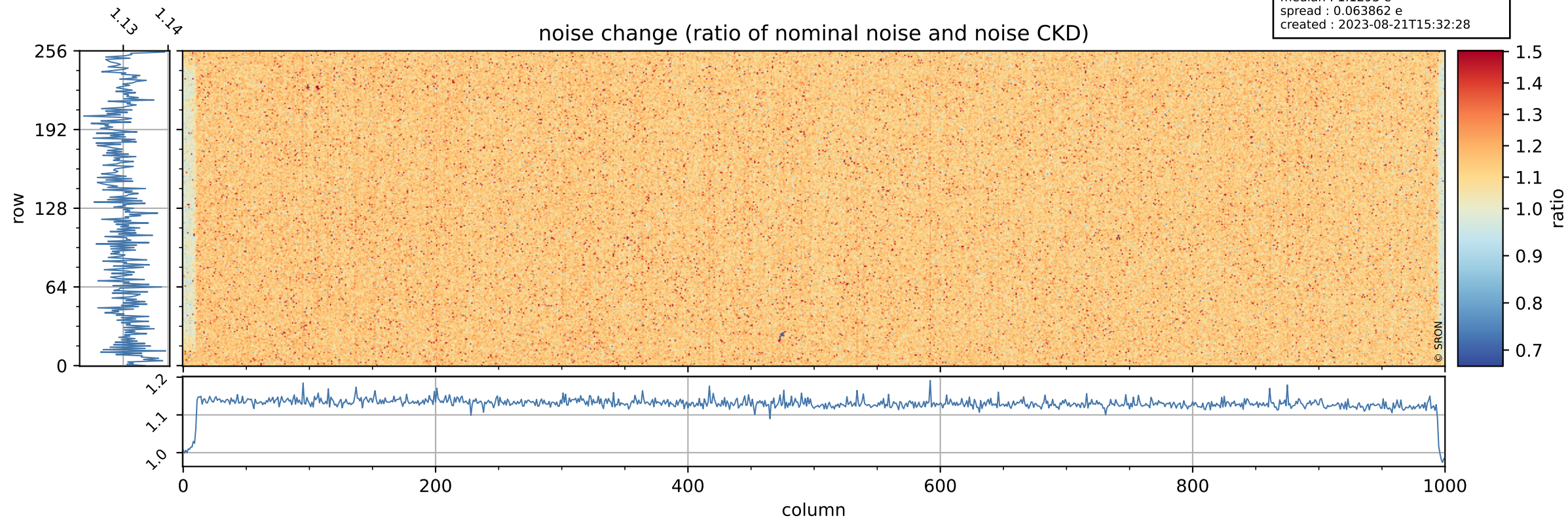
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
median : 1.0023 e
spread : 0.0086473 e
created : 2023-08-21T15:32:27



Tropomi SWIR background noise (swir)

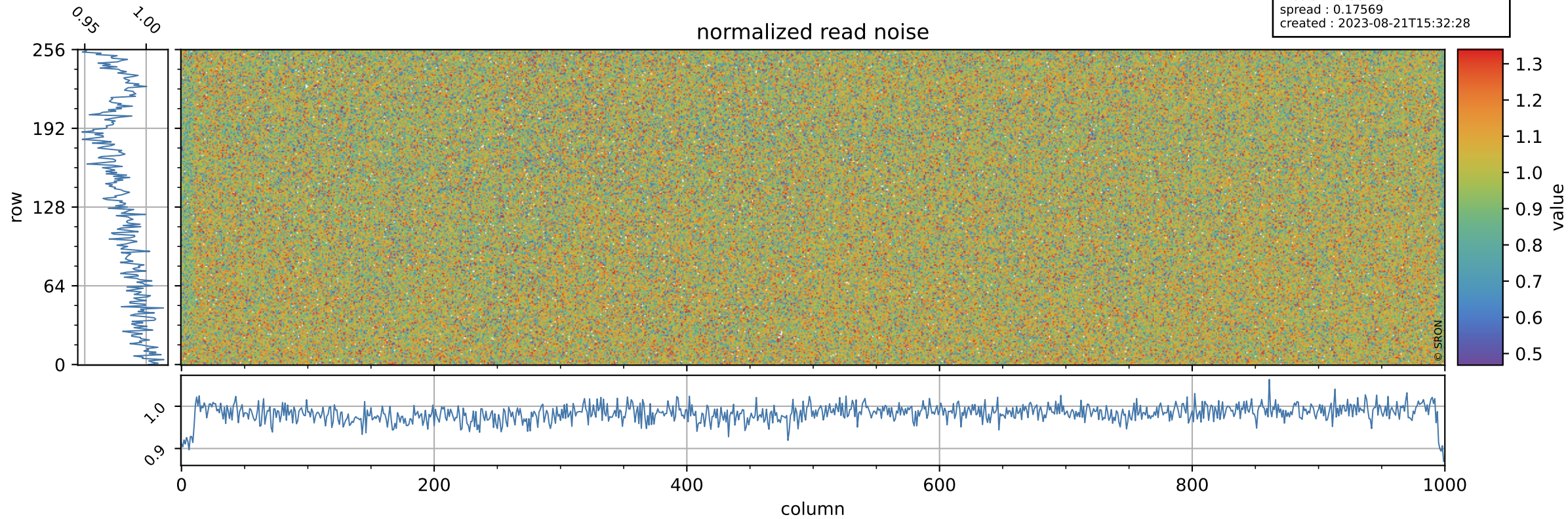
orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
median : 1.1293 e
spread : 0.063862 e
created : 2023-08-21T15:32:28



Tropomi SWIR background noise (swir)

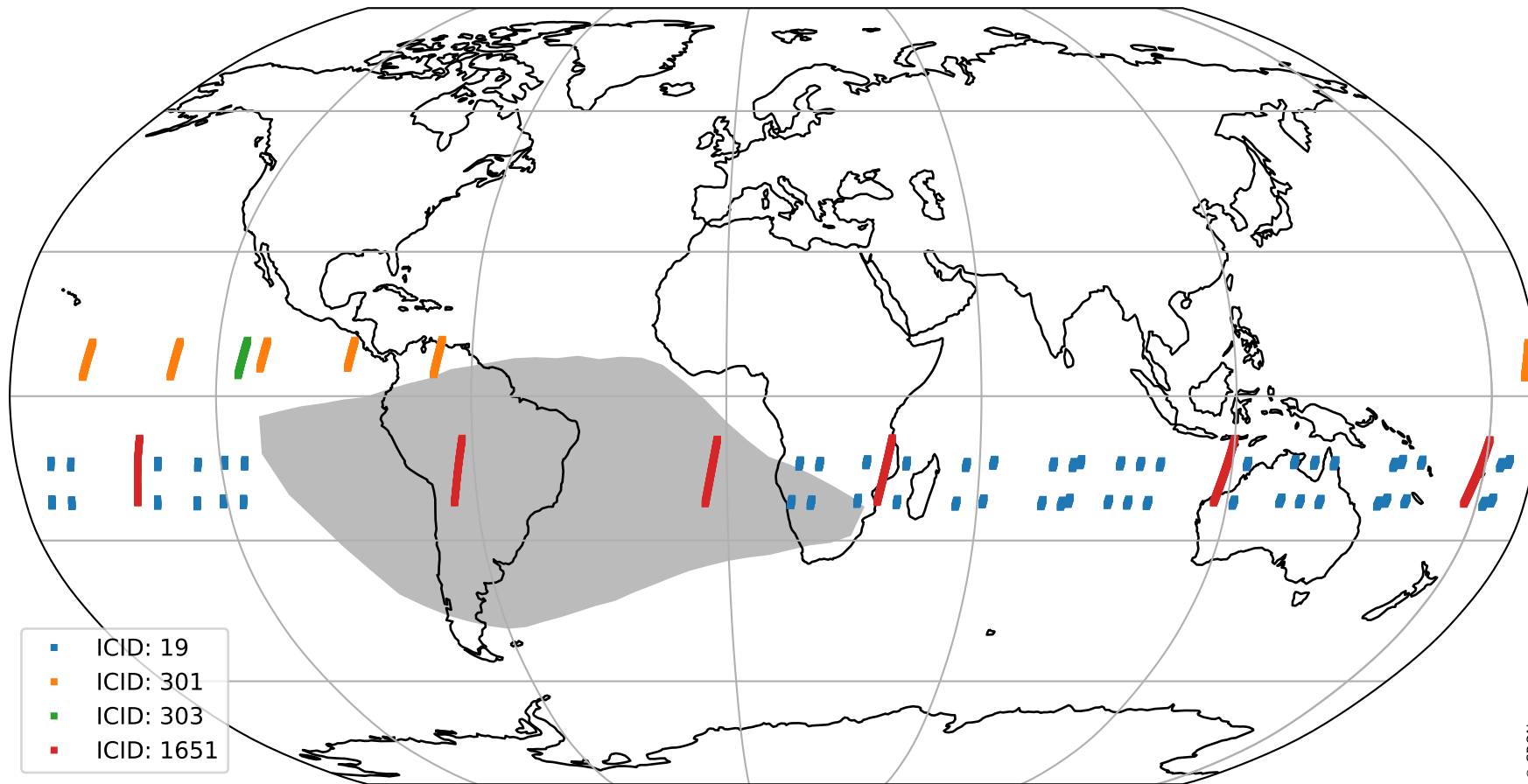
orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
median : 0.98125
spread : 0.17569
created : 2023-08-21T15:32:28

normalized read noise



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

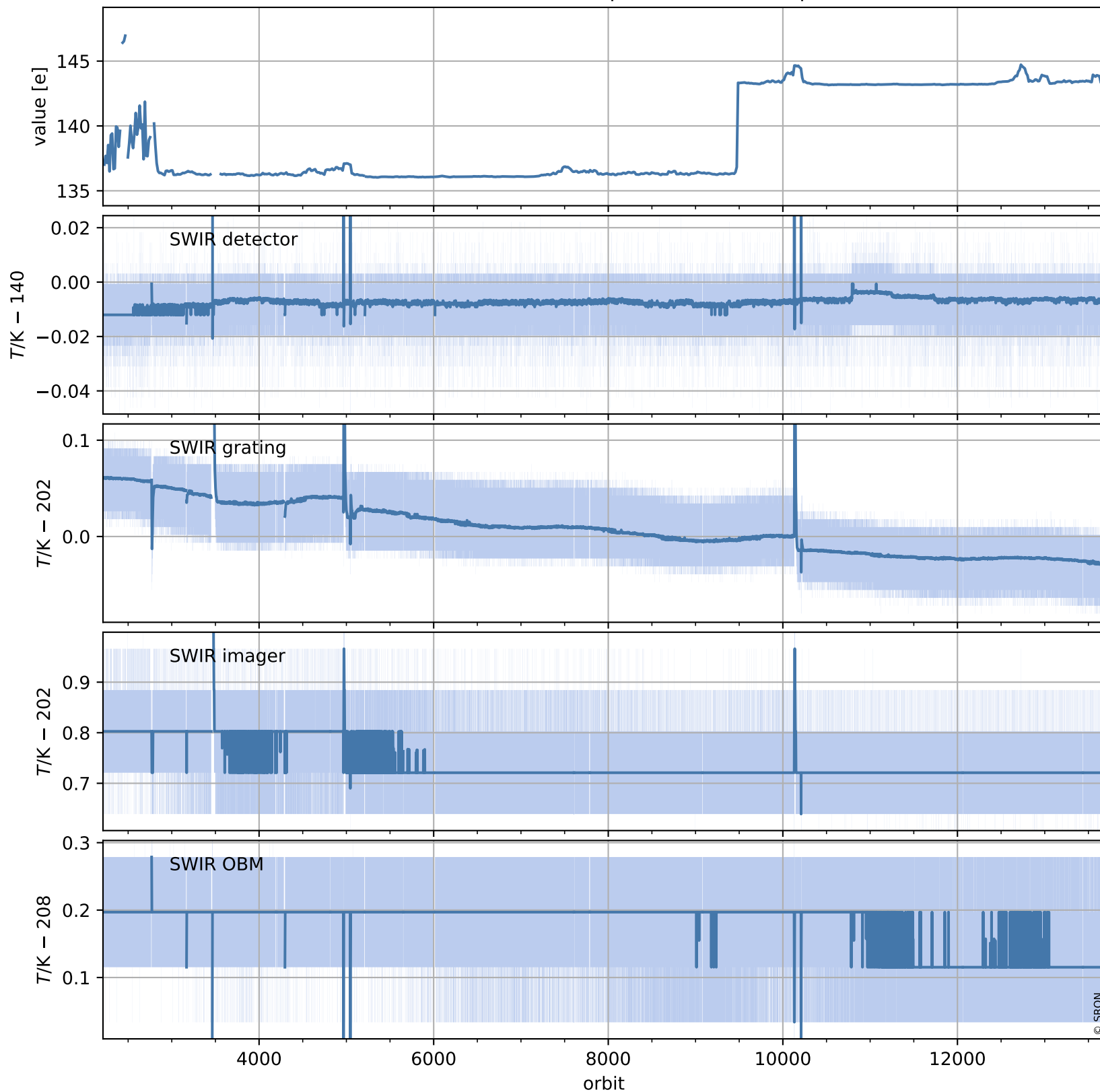
orbits : 13 in [13612, 13687]
coverage : 2020-05-29 / 2020-06-03
created : 2023-08-21T15:32:28



Tropomi SWIR background noise (swir)

orbits : [2212, 13687]
coverage : 2018-03-18 / 2020-06-03
created : 2023-08-21T15:32:28

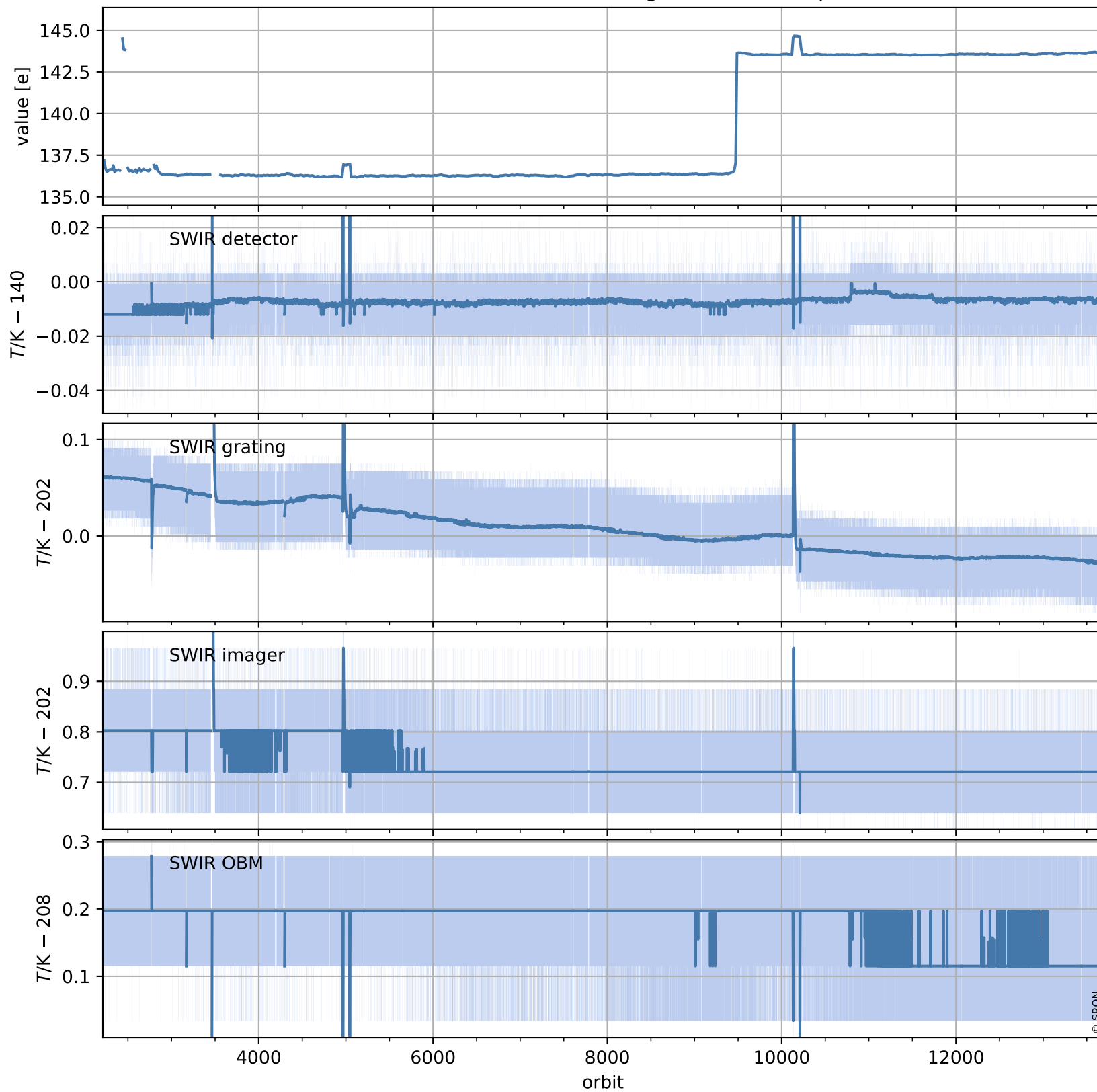
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13687]
coverage : 2018-03-18 / 2020-06-03
created : 2023-08-21T15:32:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13687]
coverage : 2018-03-18 / 2020-06-03
created : 2023-08-21T15:32:30

trend of normalized read-noise & temperatures

