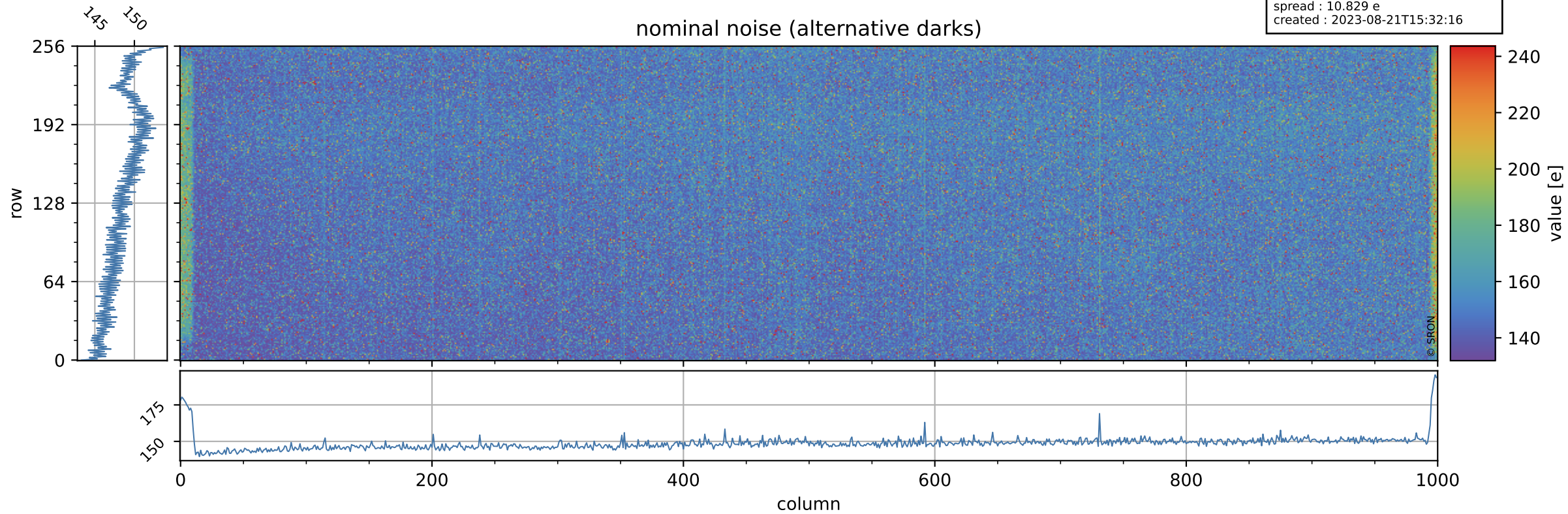


Tropomi SWIR background noise (swir)

orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.829 e
created : 2023-08-21T15:32:16

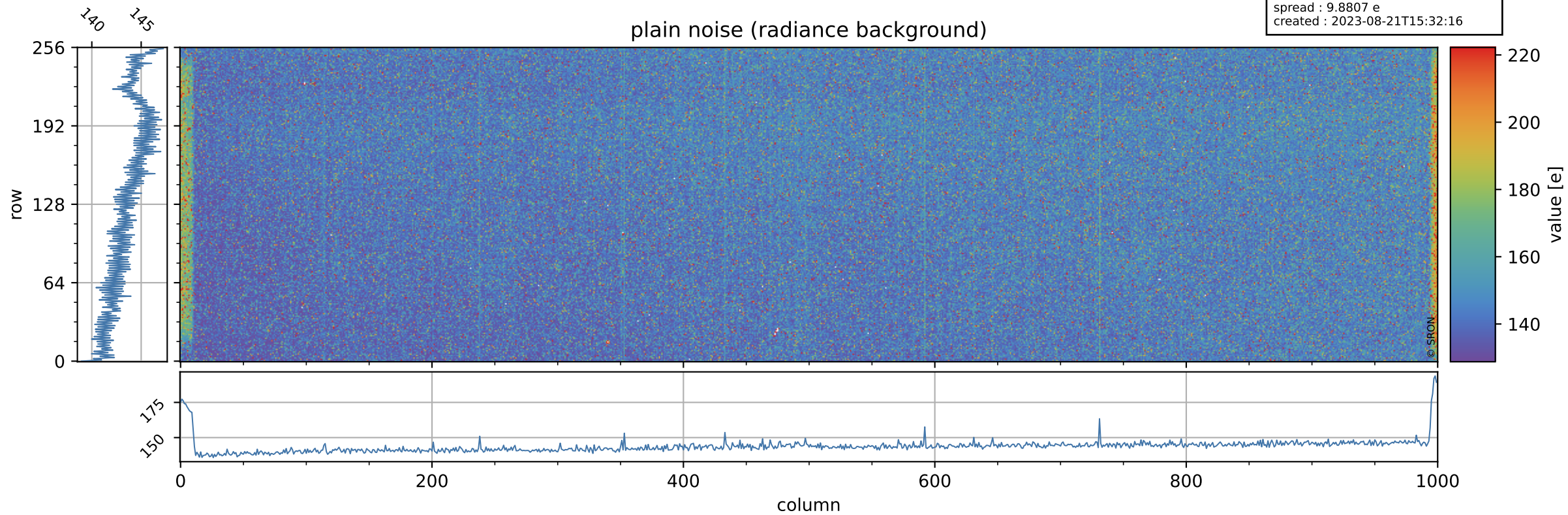
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8807 e
created : 2023-08-21T15:32:16

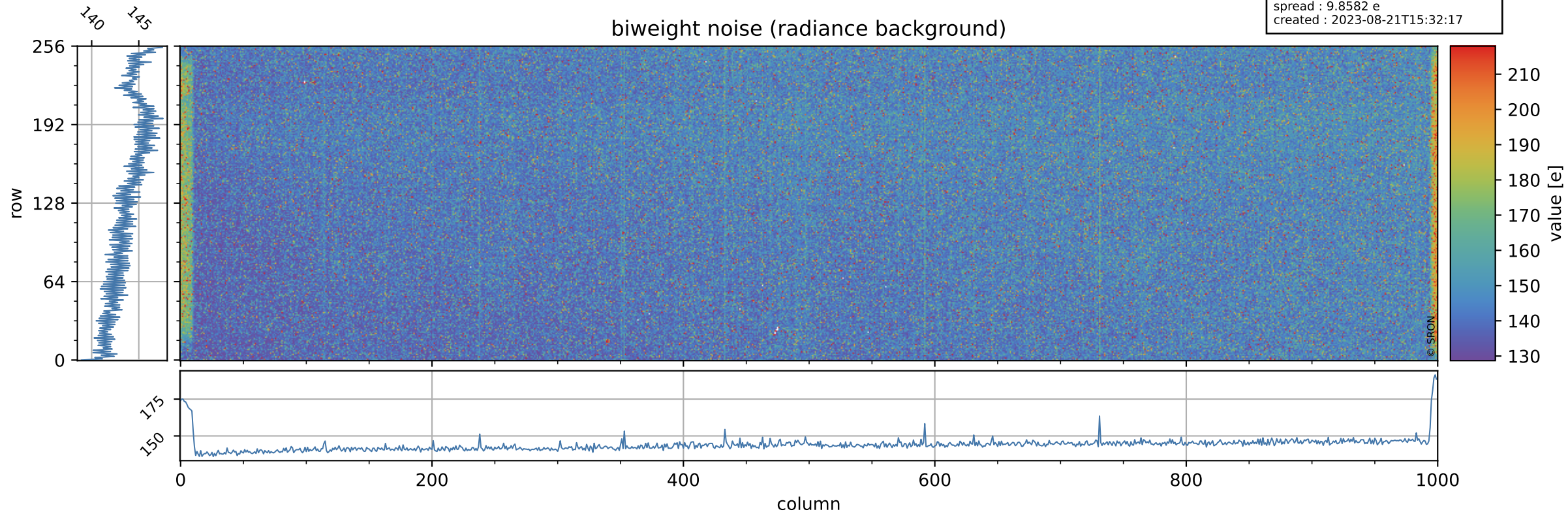
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.8582 e
created : 2023-08-21T15:32:17

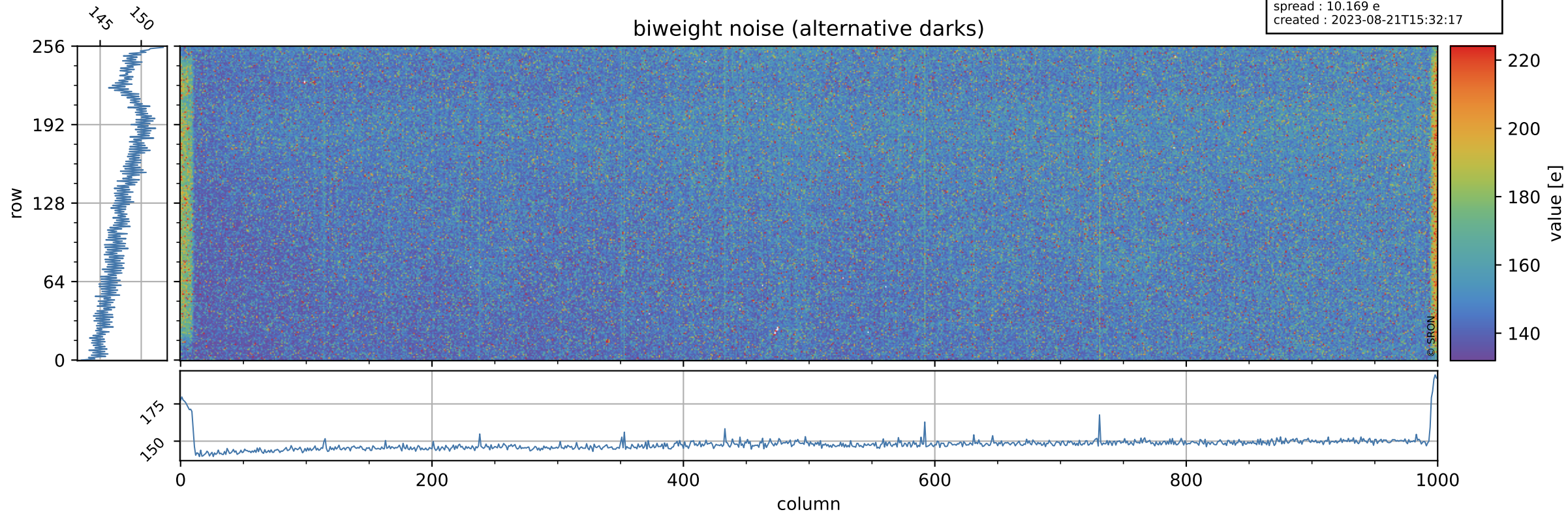
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
n_coad, t_exp : 1, 1.0783
median : 147.67 e
spread : 10.169 e
created : 2023-08-21T15:32:17

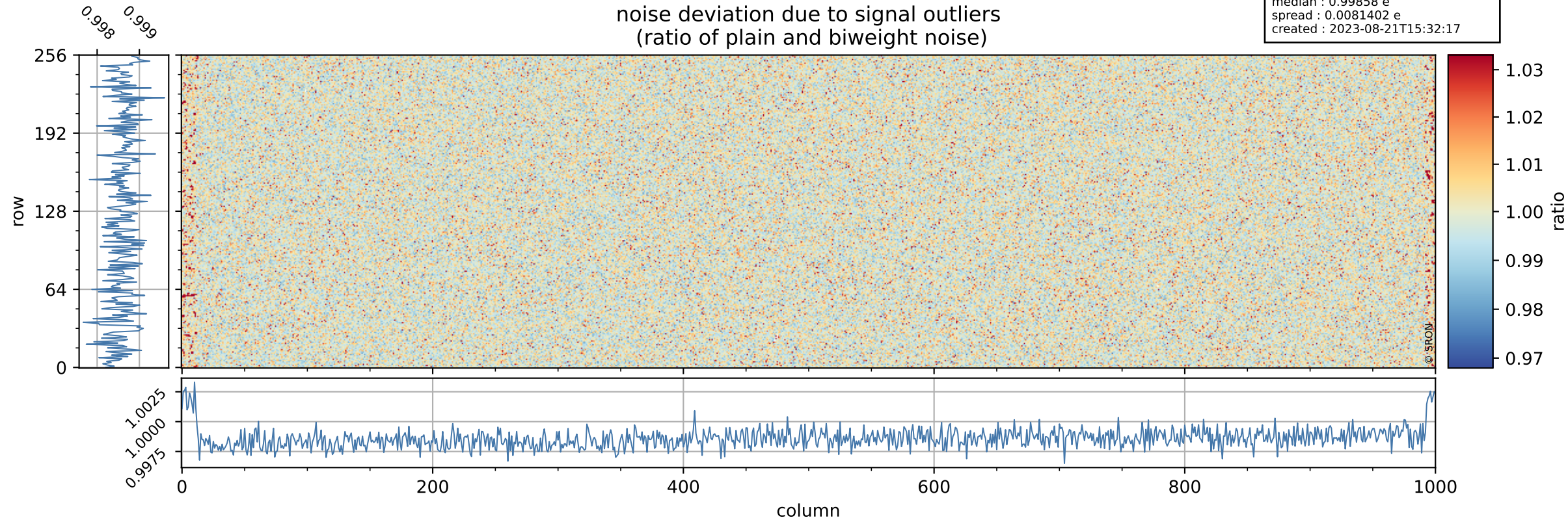
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

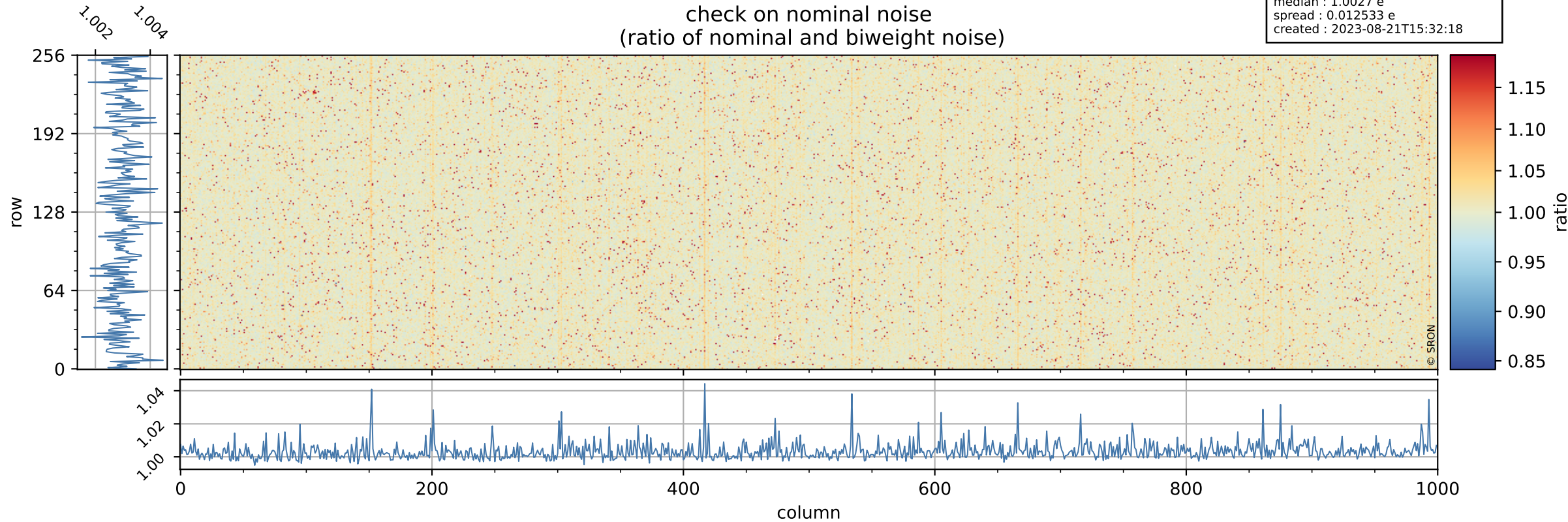
orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
median : 0.99858 e
spread : 0.0081402 e
created : 2023-08-21T15:32:17



Tropomi SWIR background noise (swir)

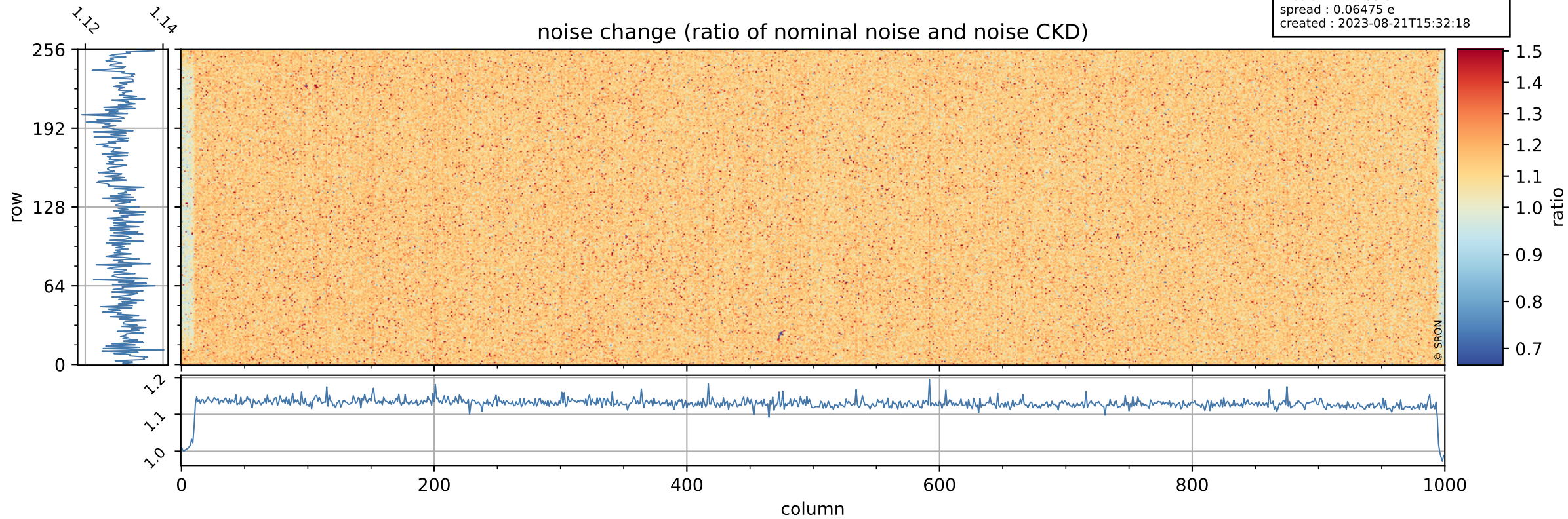
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
median : 1.0027 e
spread : 0.012533 e
created : 2023-08-21T15:32:18



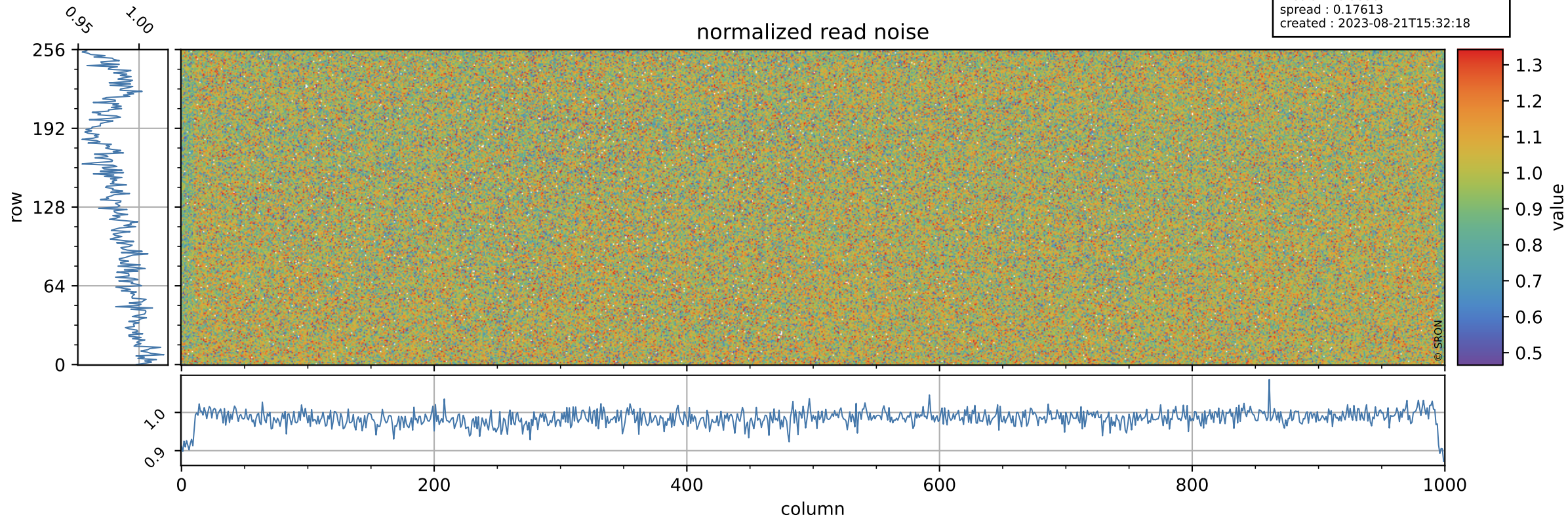
Tropomi SWIR background noise (swir)

orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
median : 1.1286 e
spread : 0.06475 e
created : 2023-08-21T15:32:18



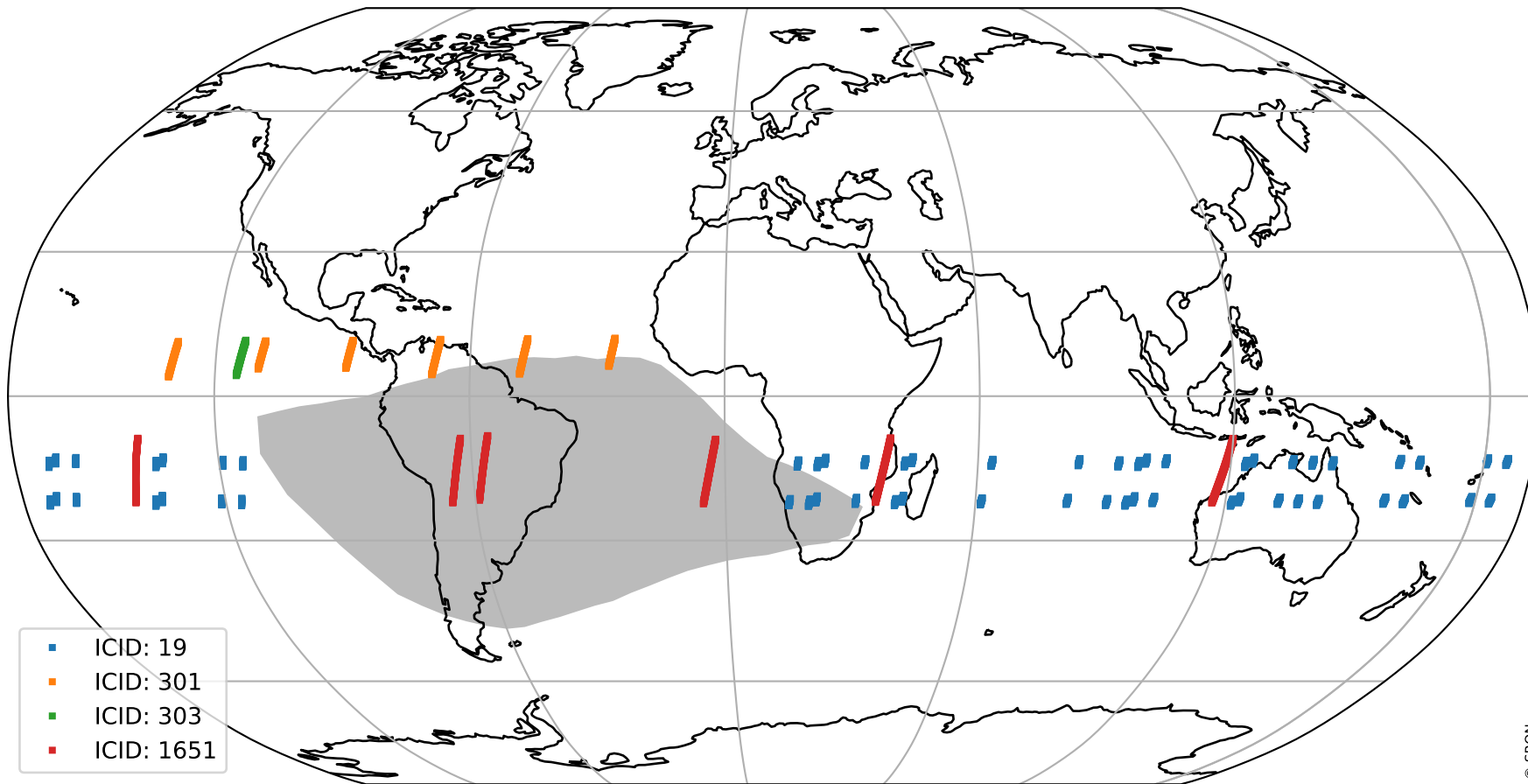
Tropomi SWIR background noise (swir)

orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
median : 0.98302
spread : 0.17613
created : 2023-08-21T15:32:18



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

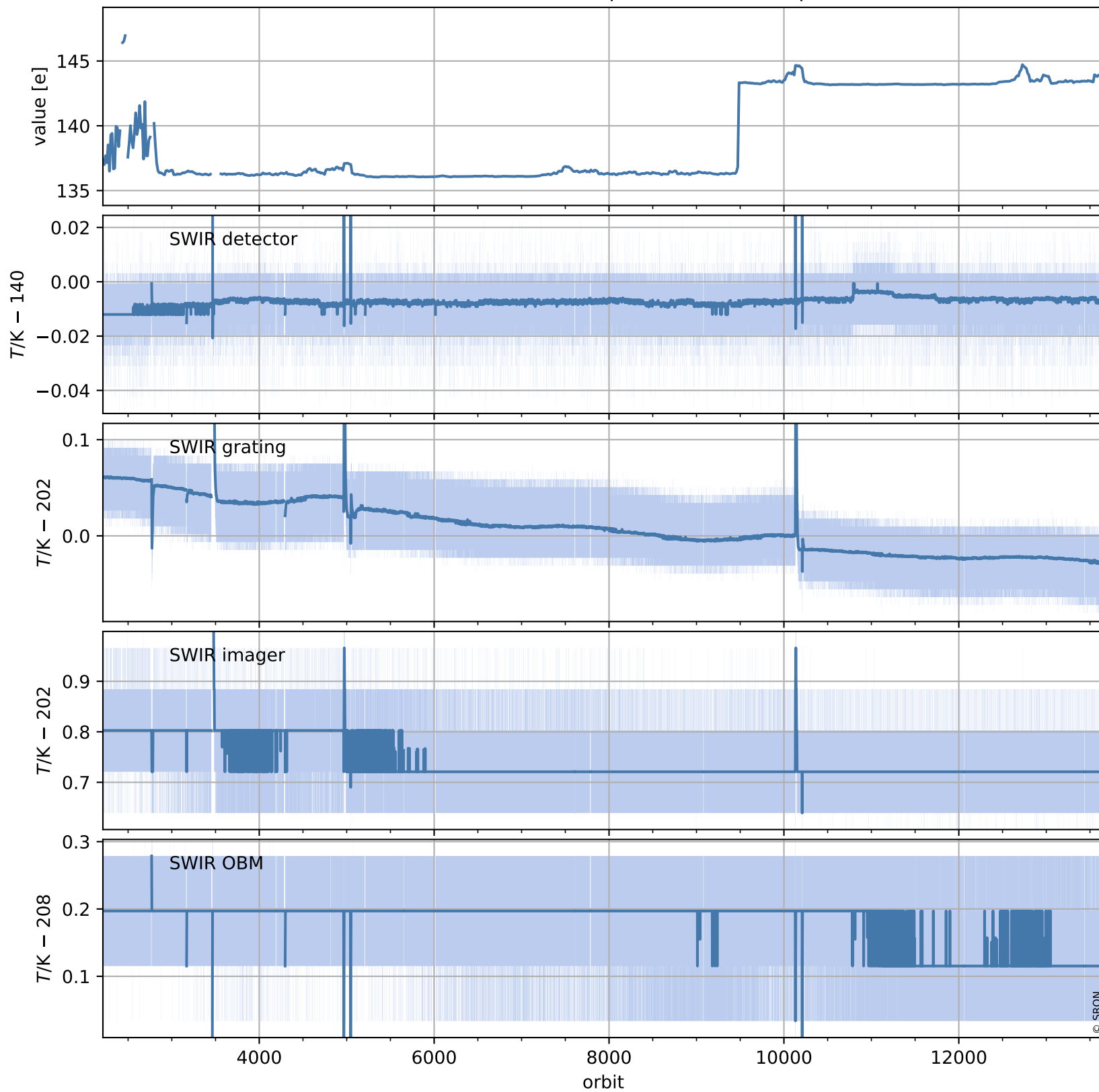
orbits : 13 in [13567, 13657]
coverage : 2020-05-27 / 2020-06-02
created : 2023-08-21T15:32:18



Tropomi SWIR background noise (swir)

orbits : [2212, 13657]
coverage : 2018-03-18 / 2020-06-02
created : 2023-08-21T15:32:19

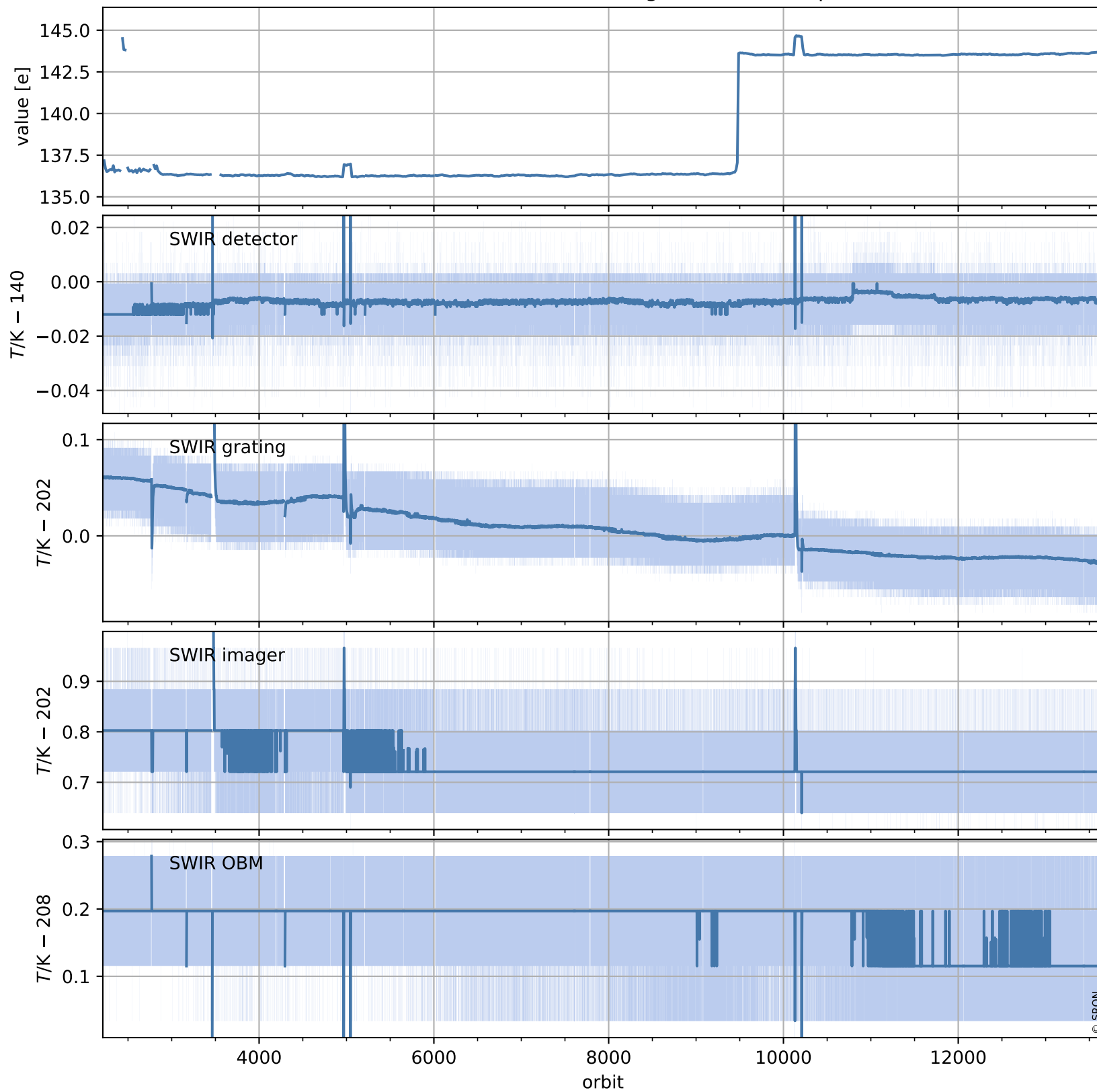
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13657]
coverage : 2018-03-18 / 2020-06-02
created : 2023-08-21T15:32:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 13657]
coverage : 2018-03-18 / 2020-06-02
created : 2023-08-21T15:32:20

trend of normalized read-noise & temperatures

