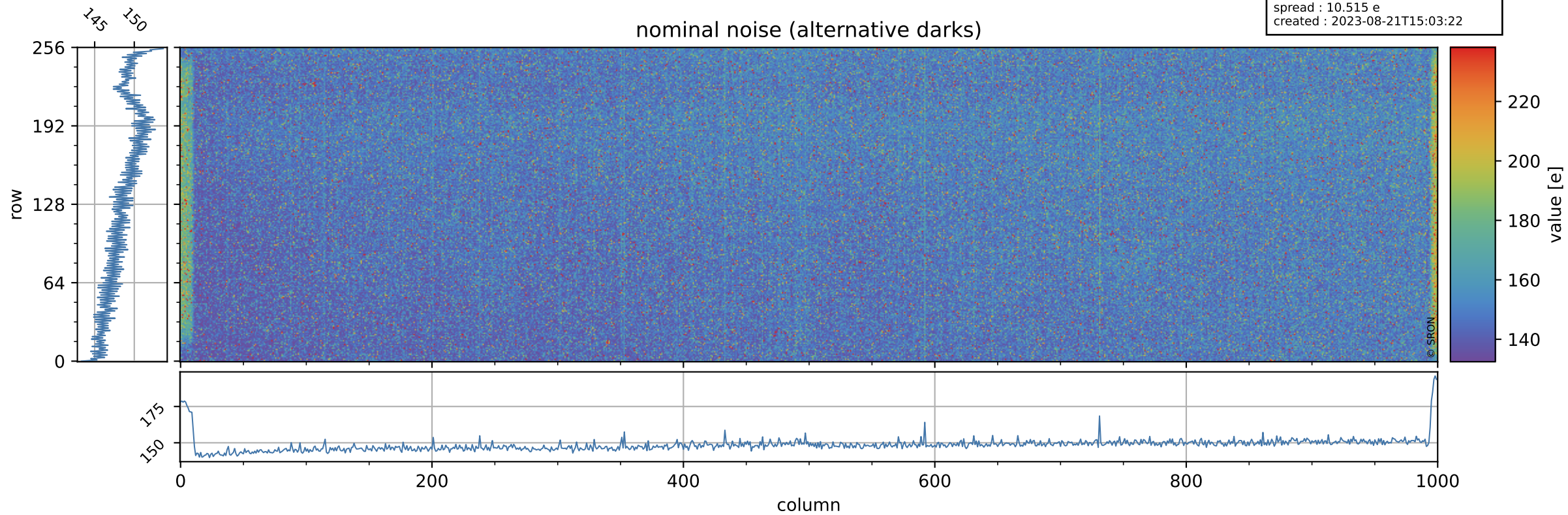


Tropomi SWIR background noise (swir)

orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.515 e
created : 2023-08-21T15:03:22

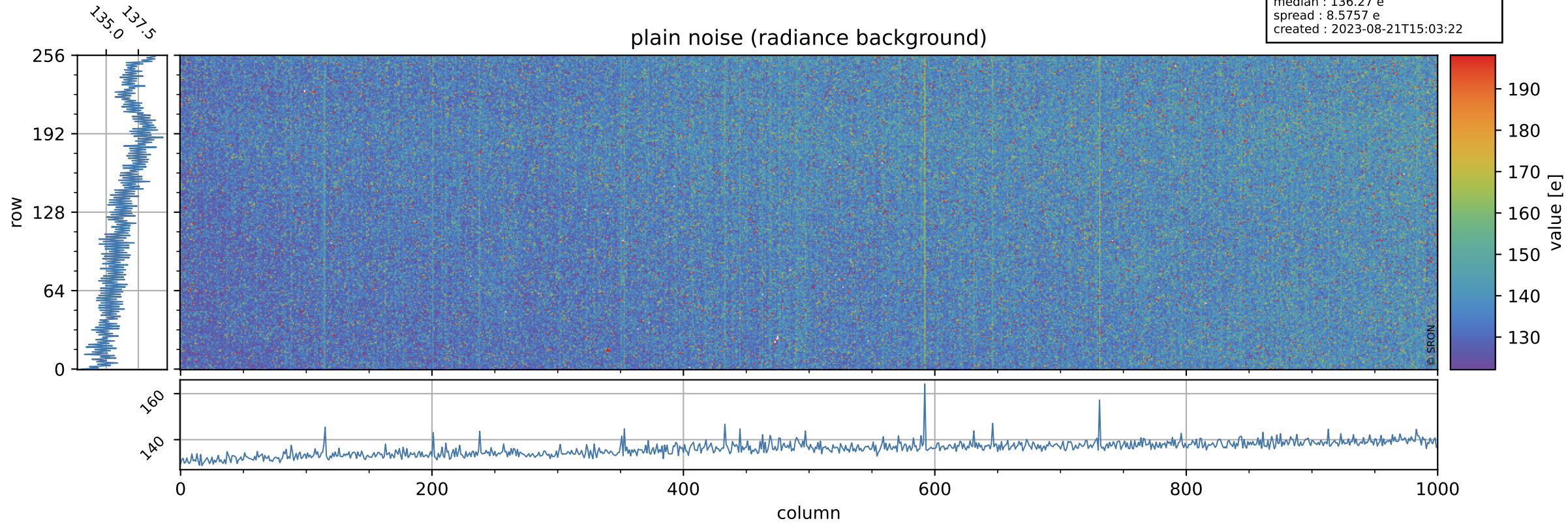
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.5757 e
created : 2023-08-21T15:03:22

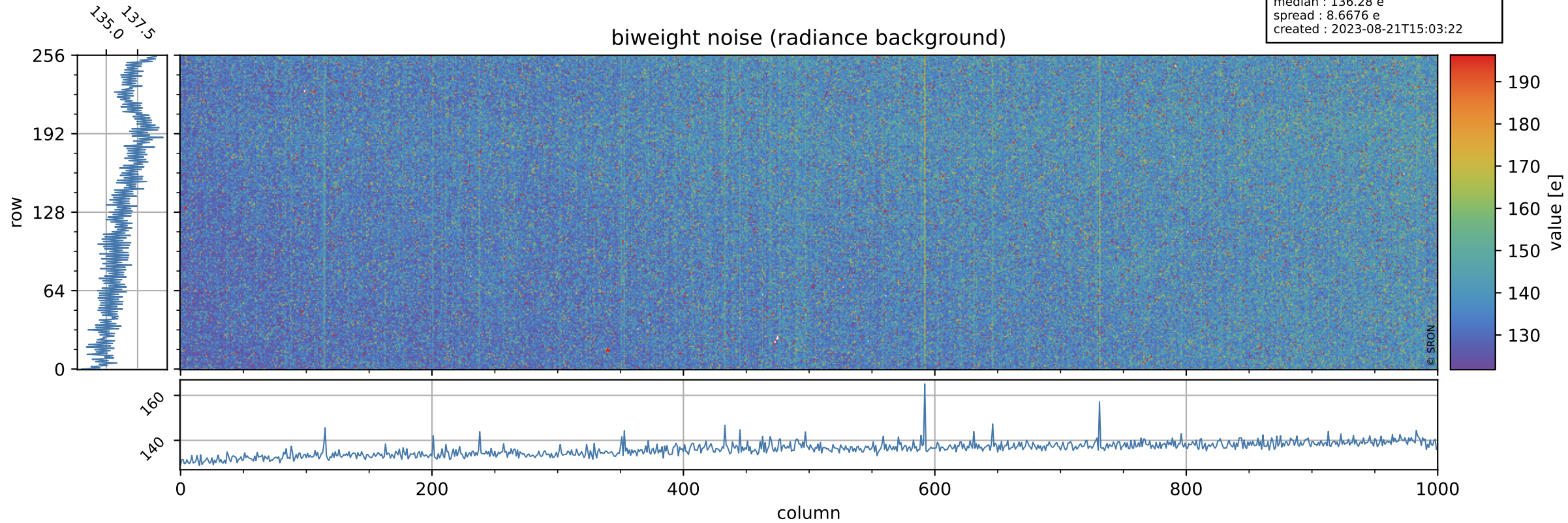
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.6676 e
created : 2023-08-21T15:03:22

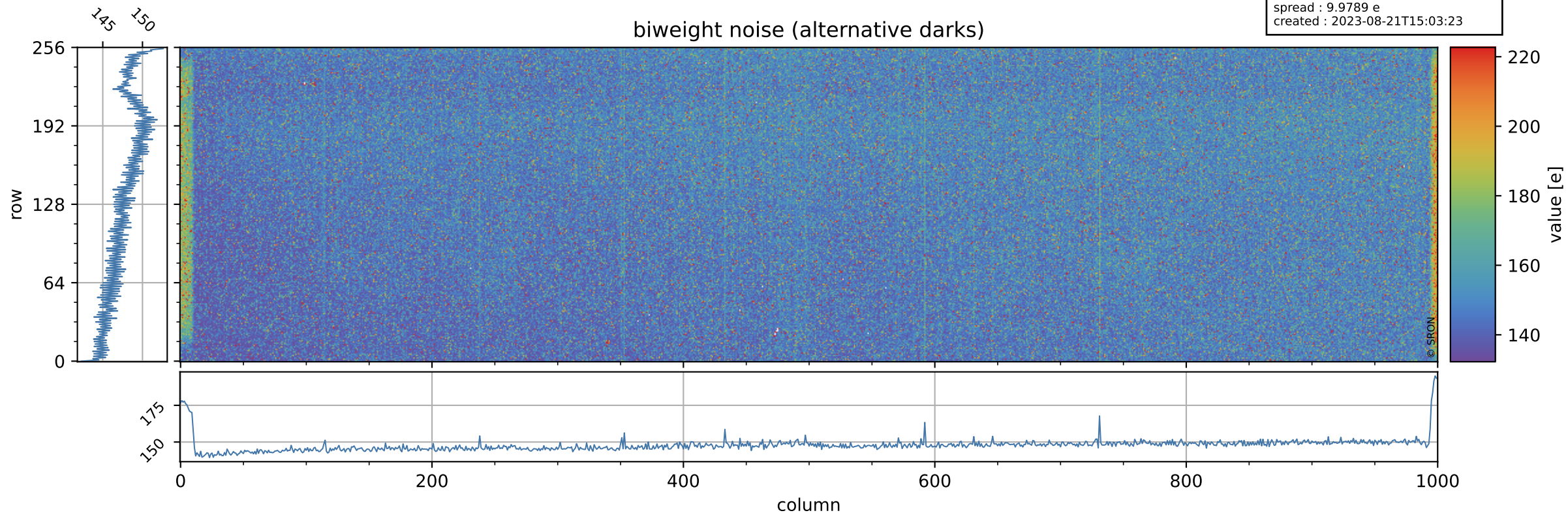
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 9.9789 e
created : 2023-08-21T15:03:23

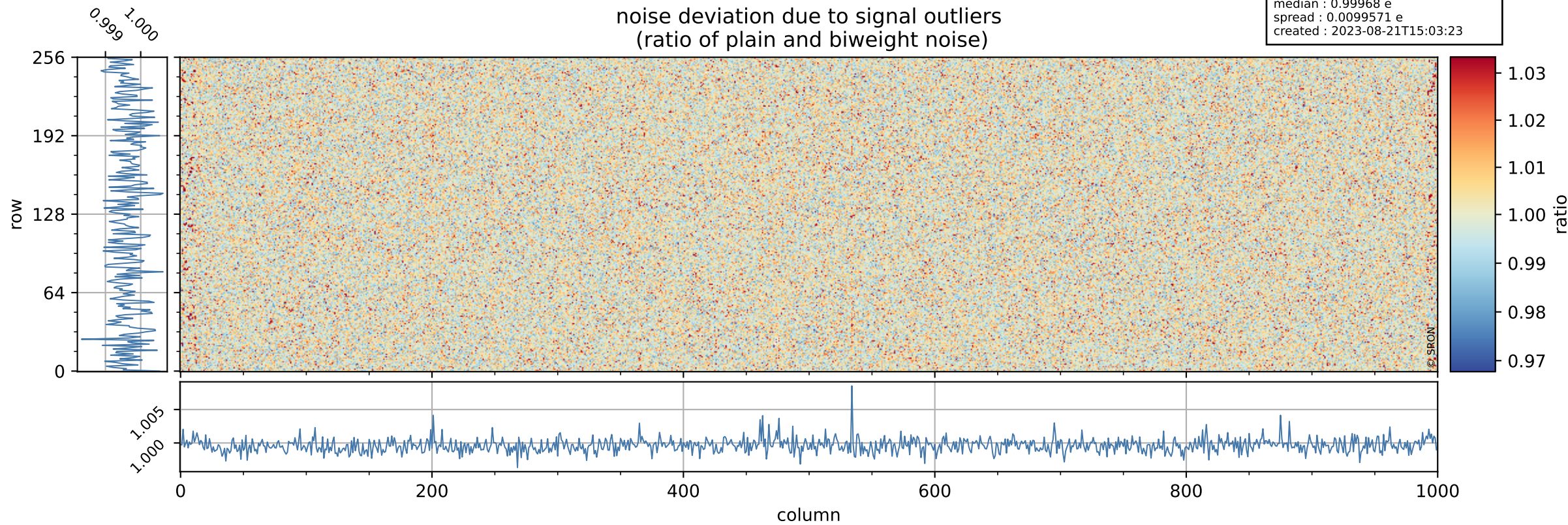
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

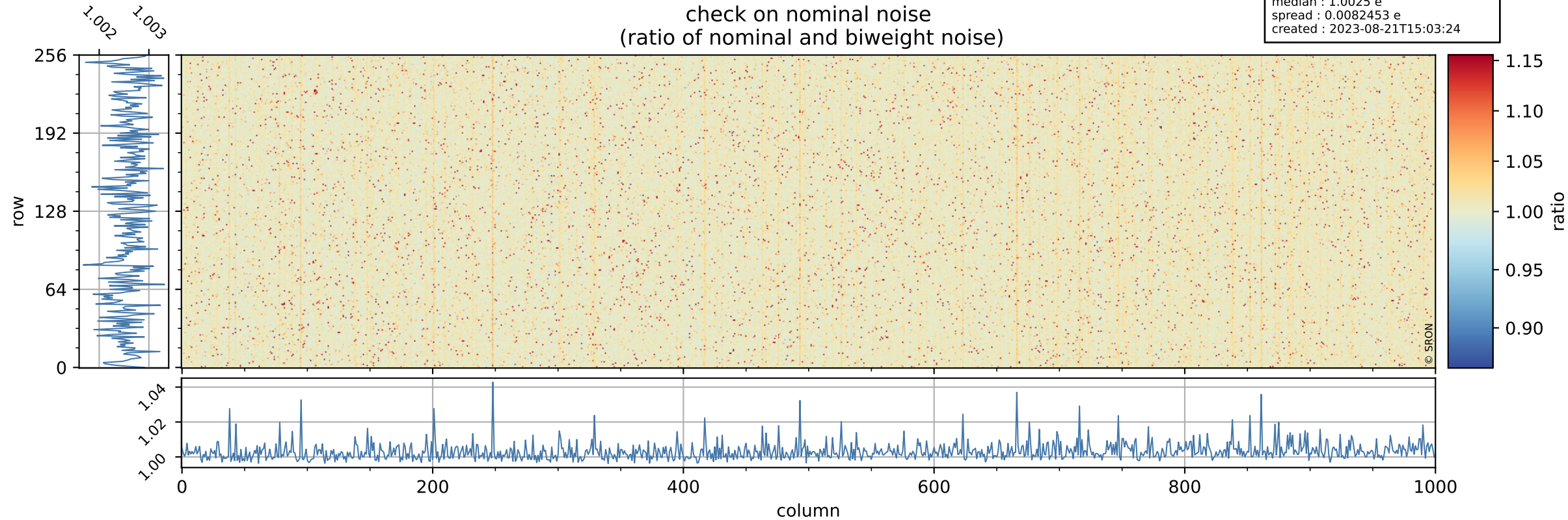
orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
median : 0.99968 e
spread : 0.0099571 e
created : 2023-08-21T15:03:23



Tropomi SWIR background noise (swir)

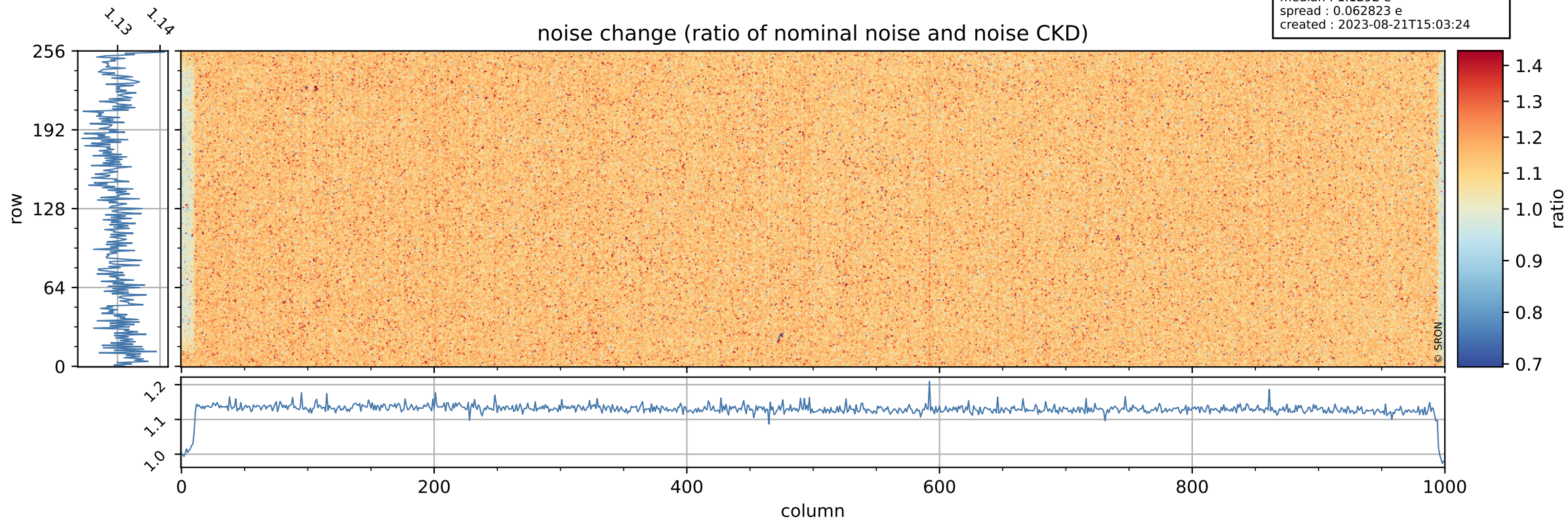
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
median : 1.0025 e
spread : 0.0082453 e
created : 2023-08-21T15:03:24



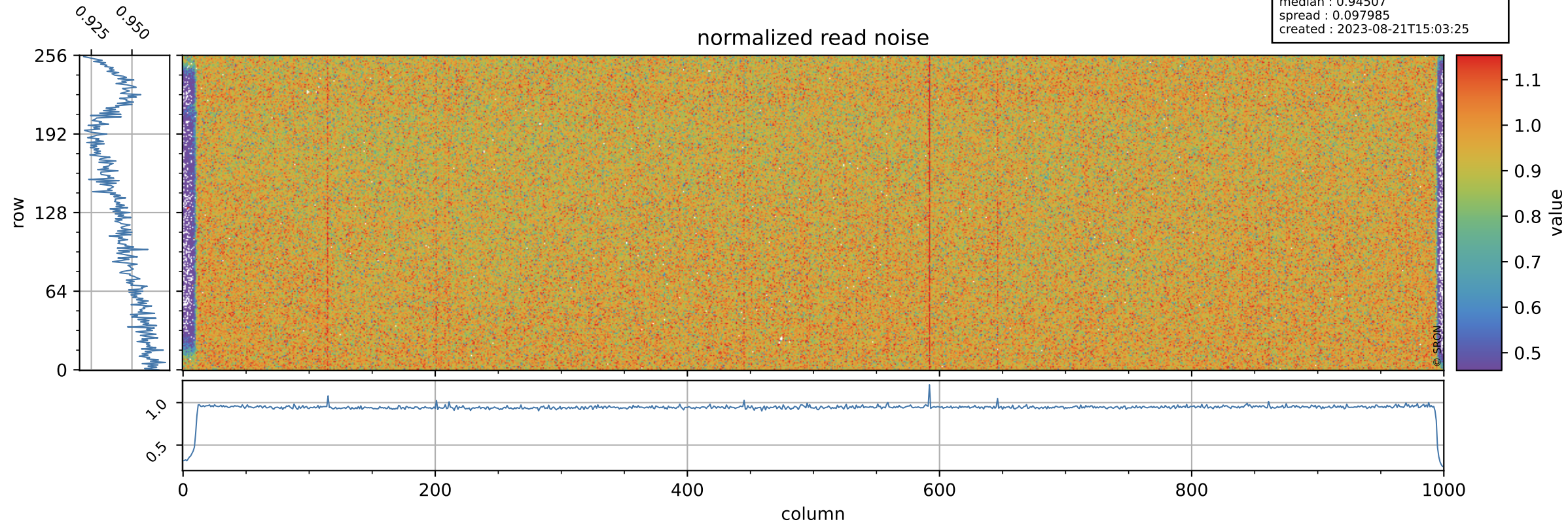
Tropomi SWIR background noise (swir)

orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
median : 1.1292 e
spread : 0.062823 e
created : 2023-08-21T15:03:24



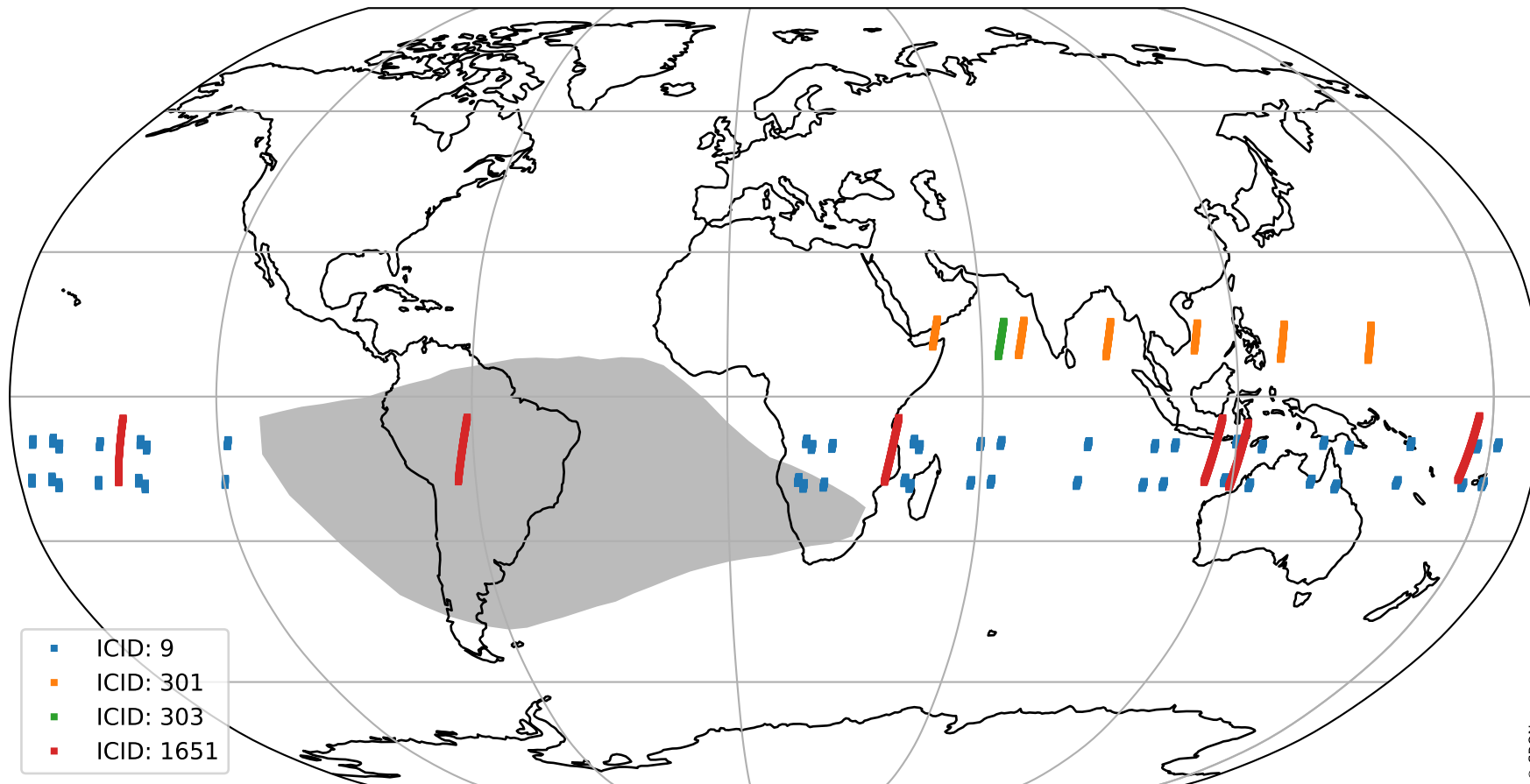
Tropomi SWIR background noise (swir)

orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
median : 0.94507
spread : 0.097985
created : 2023-08-21T15:03:25



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

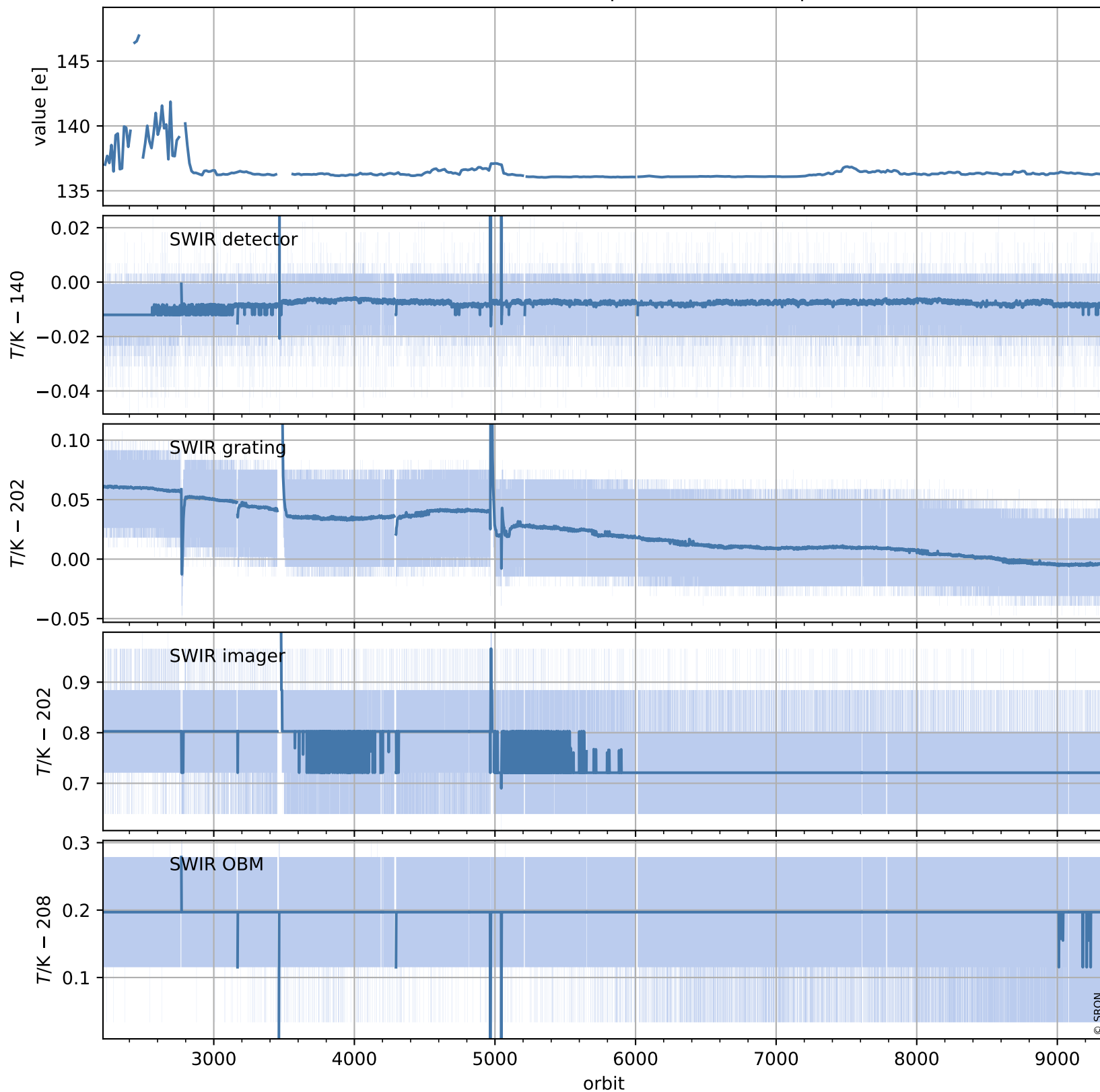
orbits : 13 in [9247, 9337]
coverage : 2019-07-27 / 2019-08-02
created : 2023-08-21T15:03:25



Tropomi SWIR background noise (swir)

orbits : [2212, 9337]
coverage : 2018-03-18 / 2019-08-02
created : 2023-08-21T15:03:26

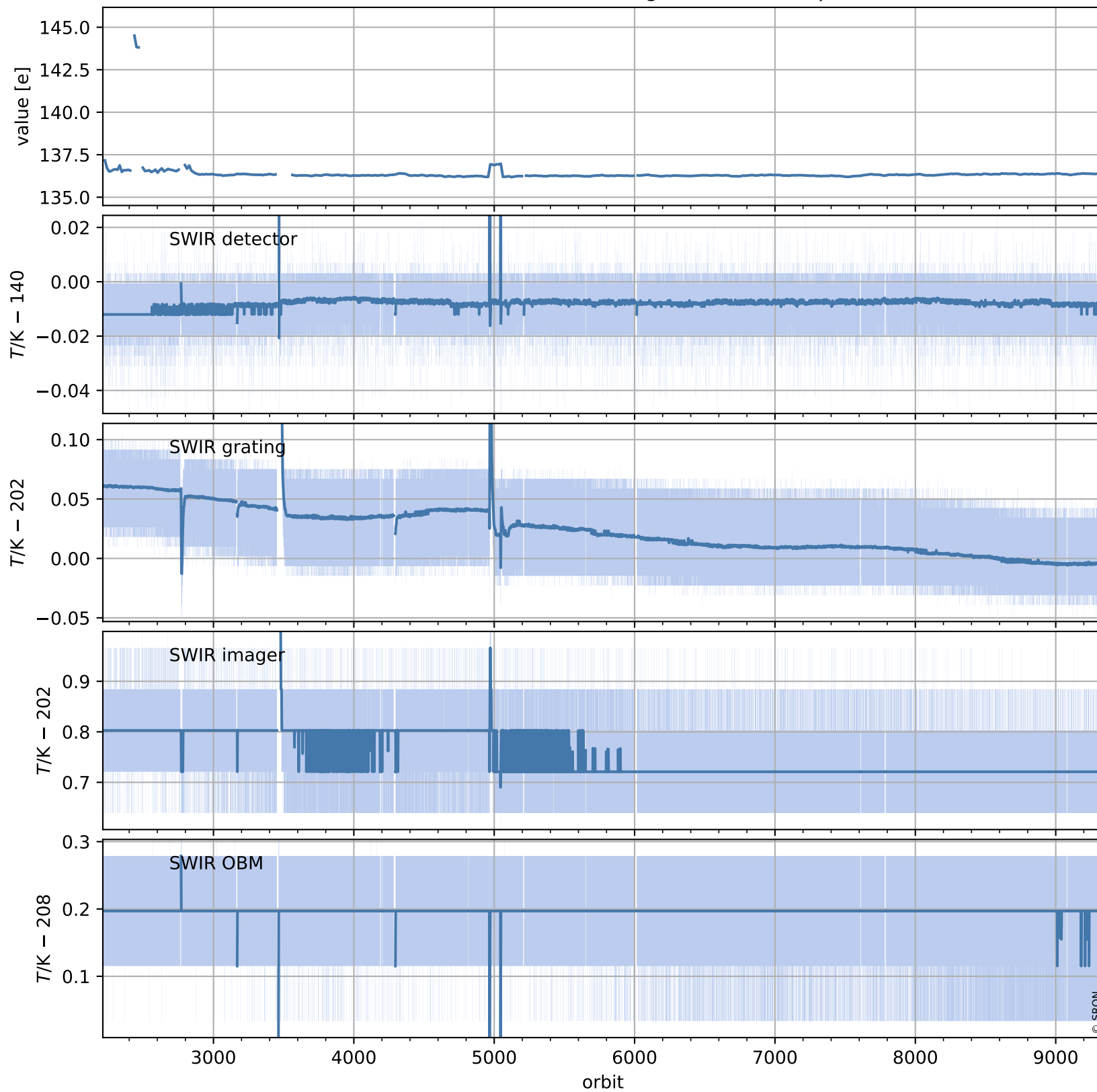
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9337]
coverage : 2018-03-18 / 2019-08-02
created : 2023-08-21T15:03:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9337]
coverage : 2018-03-18 / 2019-08-02
created : 2023-08-21T15:03:27

trend of normalized read-noise & temperatures

