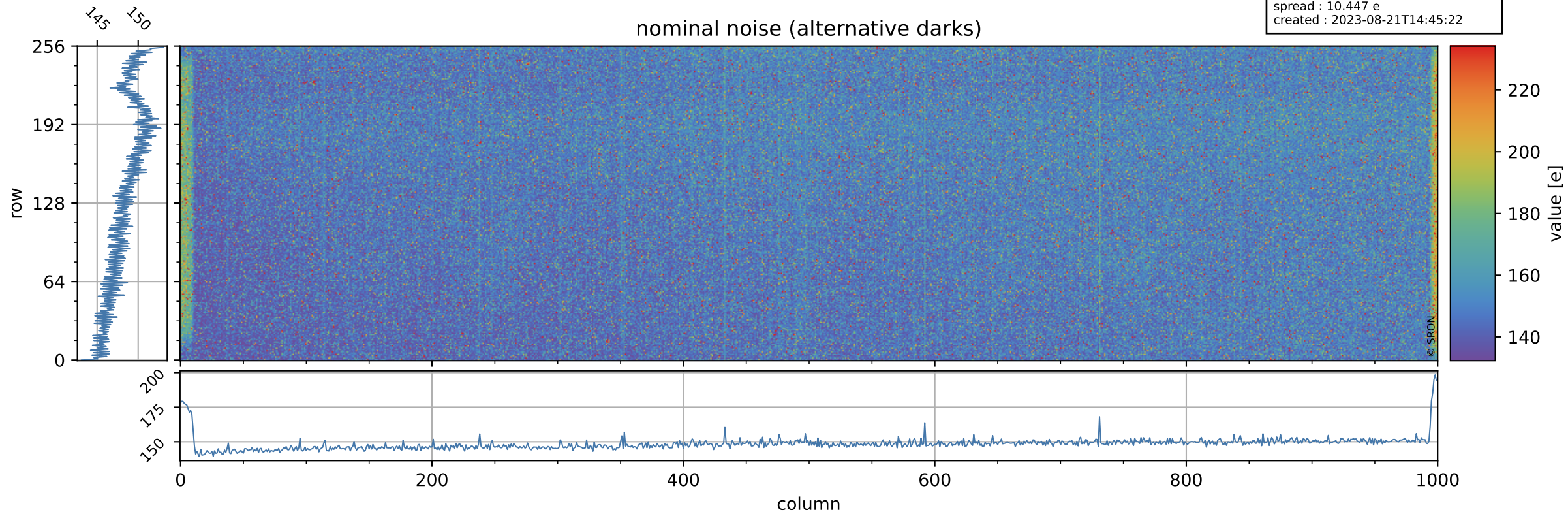


Tropomi SWIR background noise (swir)

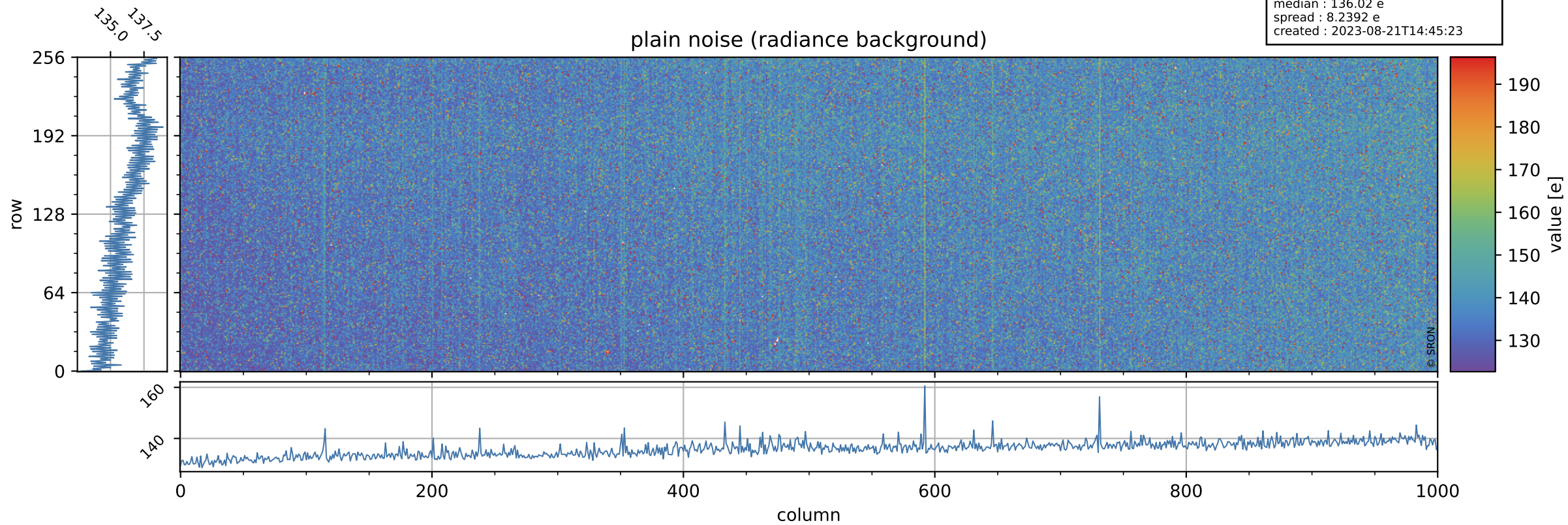
orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.447 e
created : 2023-08-21T14:45:22



Tropomi SWIR background noise (swir)

orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2392 e
created : 2023-08-21T14:45:23

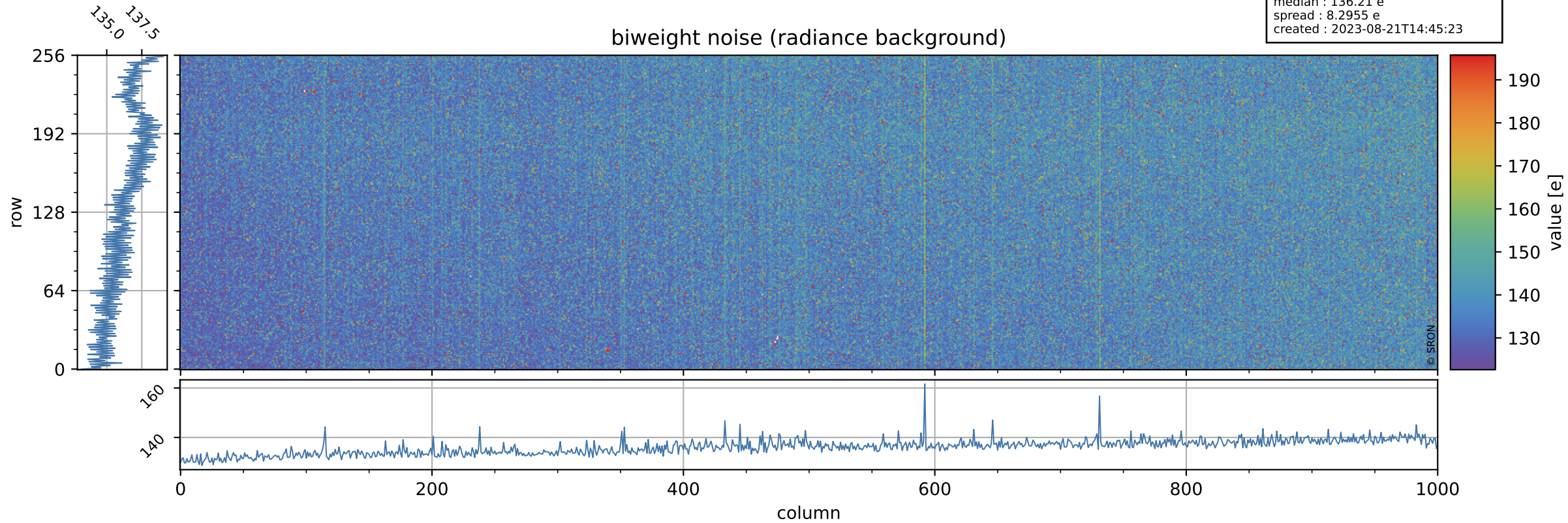
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.2955 e
created : 2023-08-21T14:45:23

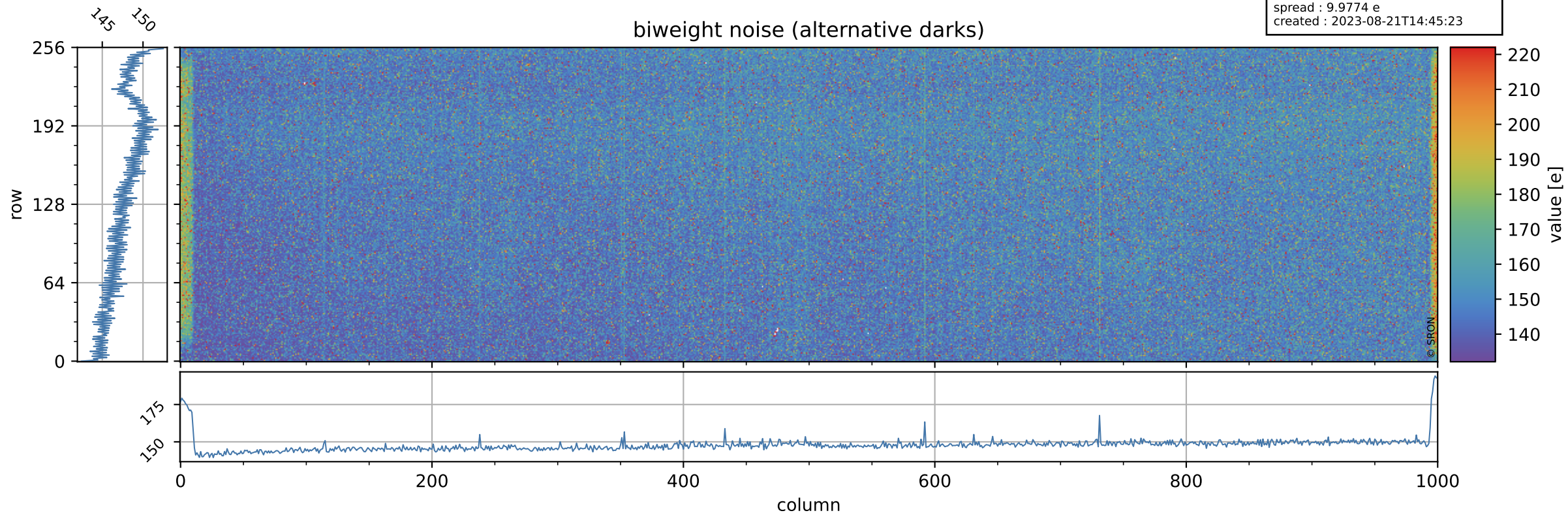
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9774 e
created : 2023-08-21T14:45:23

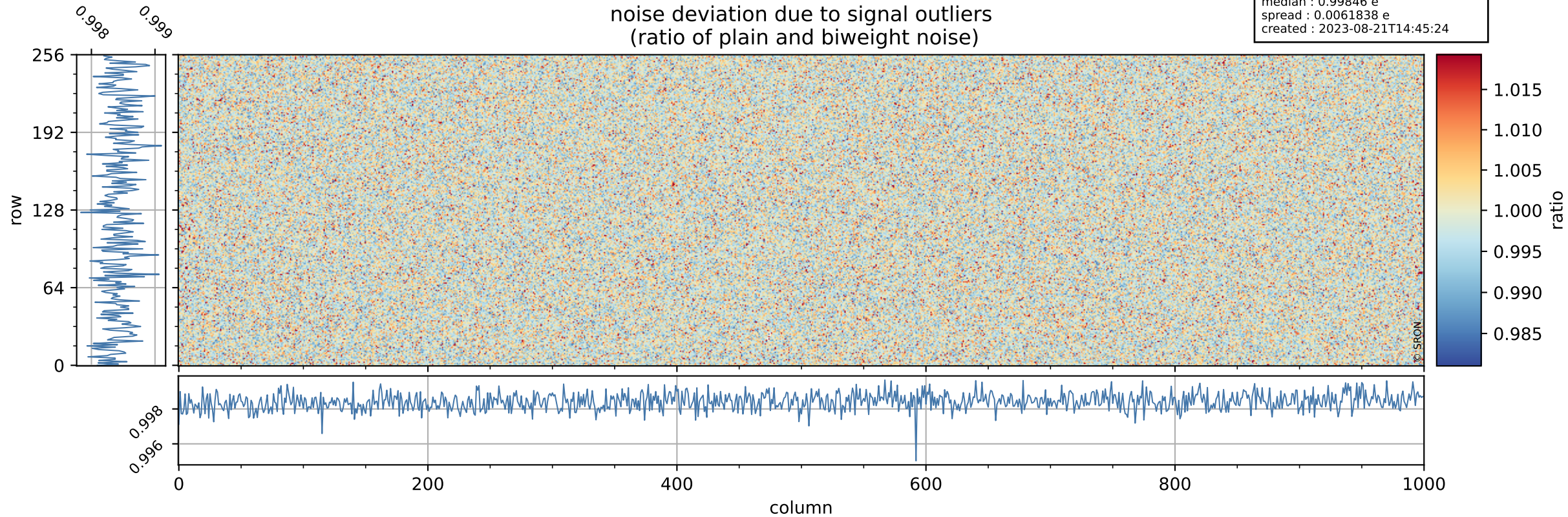
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

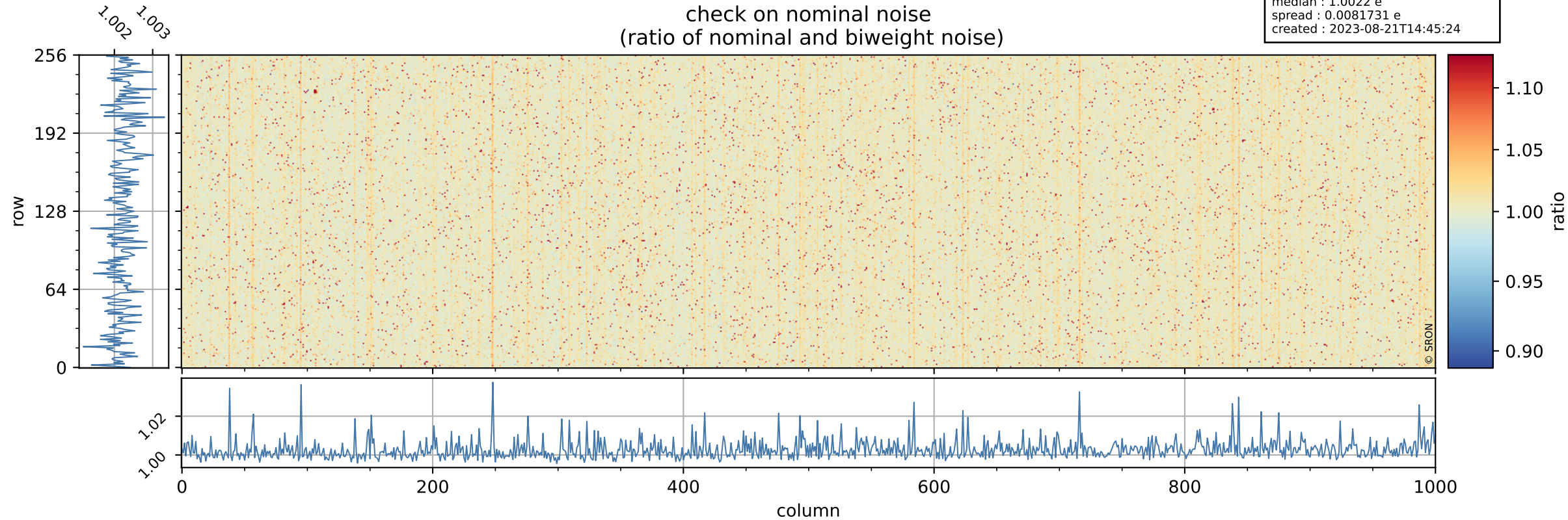
orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
median : 0.99846 e
spread : 0.0061838 e
created : 2023-08-21T14:45:24



Tropomi SWIR background noise (swir)

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

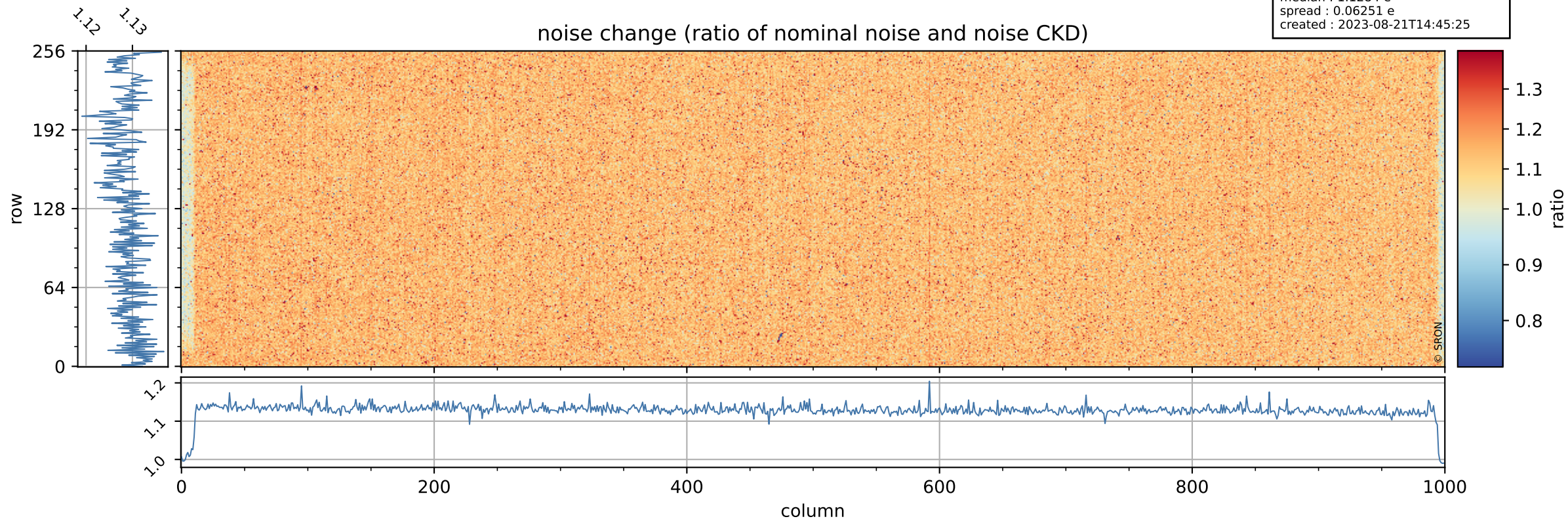
orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
median : 1.0022 e
spread : 0.0081731 e
created : 2023-08-21T14:45:24



Tropomi SWIR background noise (swir)

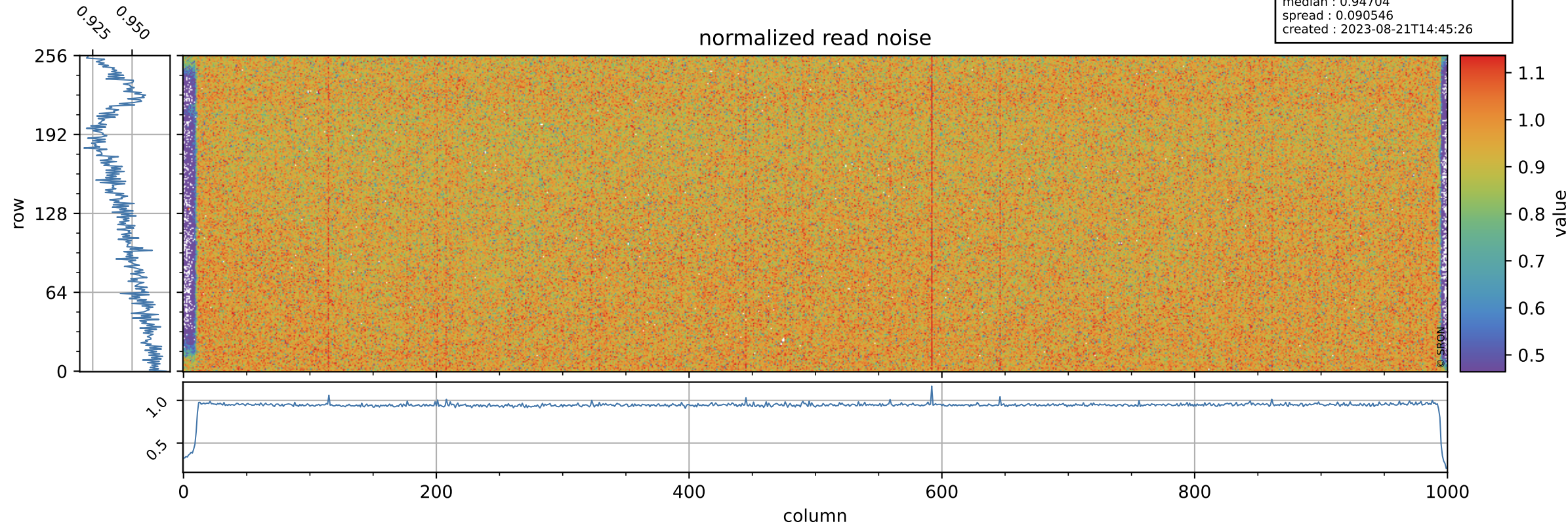
orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
median : 1.1284 e
spread : 0.06251 e
created : 2023-08-21T14:45:25

noise change (ratio of nominal noise and noise CKD)



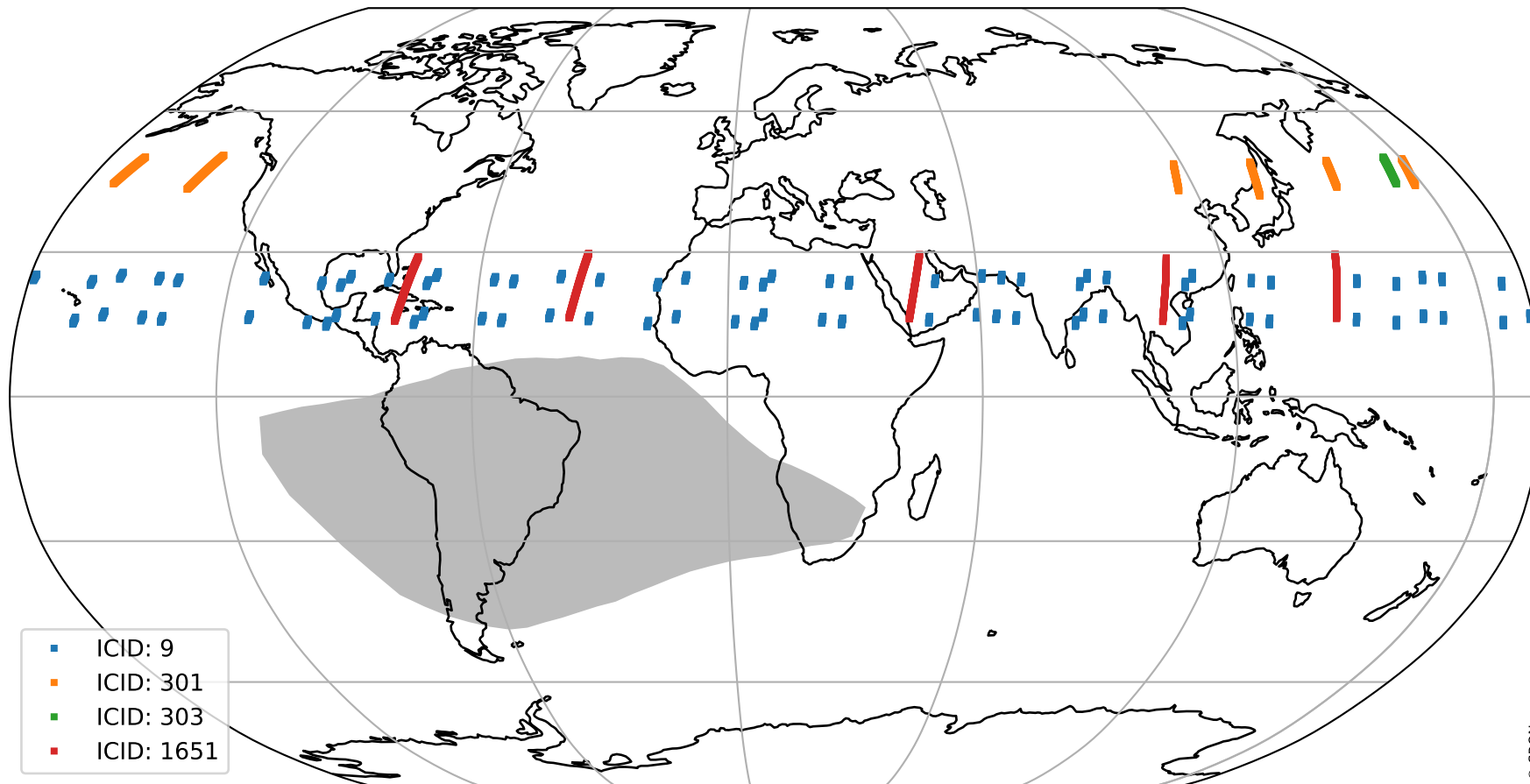
Tropomi SWIR background noise (swir)

orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
median : 0.94704
spread : 0.090546
created : 2023-08-21T14:45:26



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

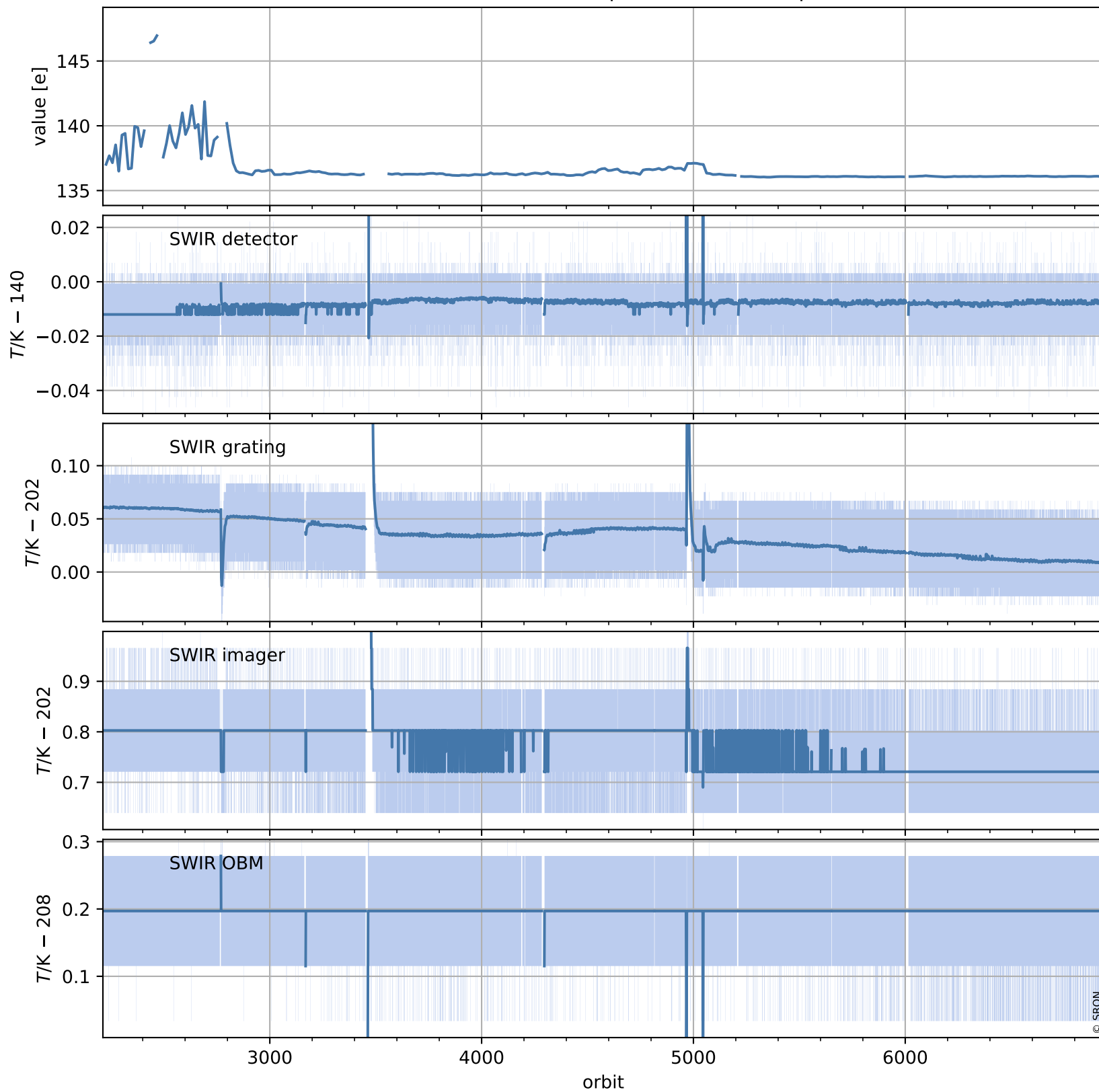
orbits : 12 in [6862, 6937]
coverage : 2019-02-08 / 2019-02-13
created : 2023-08-21T14:45:26



Tropomi SWIR background noise (swir)

orbits : [2212, 6937]
coverage : 2018-03-18 / 2019-02-13
created : 2023-08-21T14:45:27

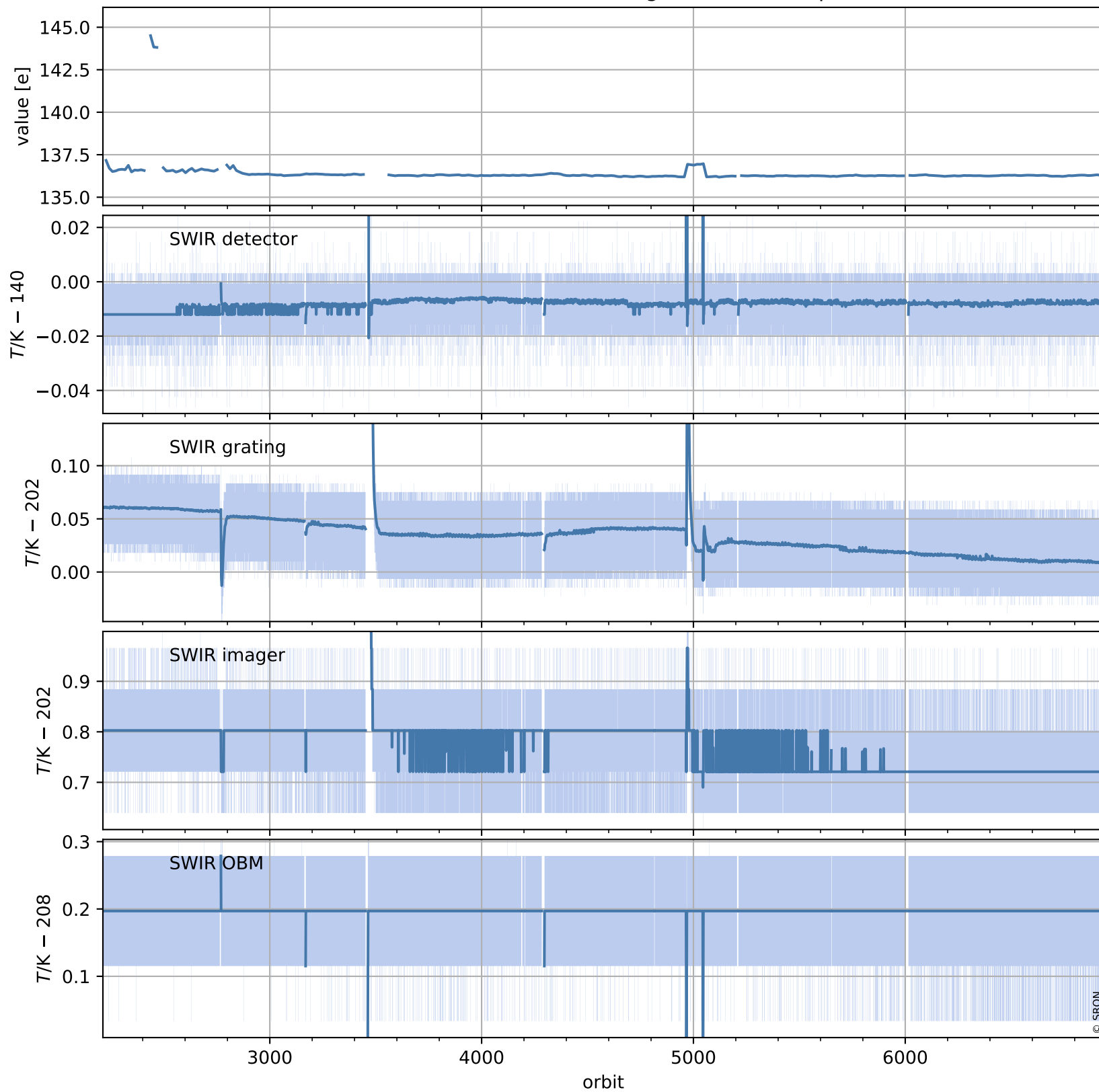
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6937]
coverage : 2018-03-18 / 2019-02-13
created : 2023-08-21T14:45:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6937]
coverage : 2018-03-18 / 2019-02-13
created : 2023-08-21T14:45:28

trend of normalized read-noise & temperatures

