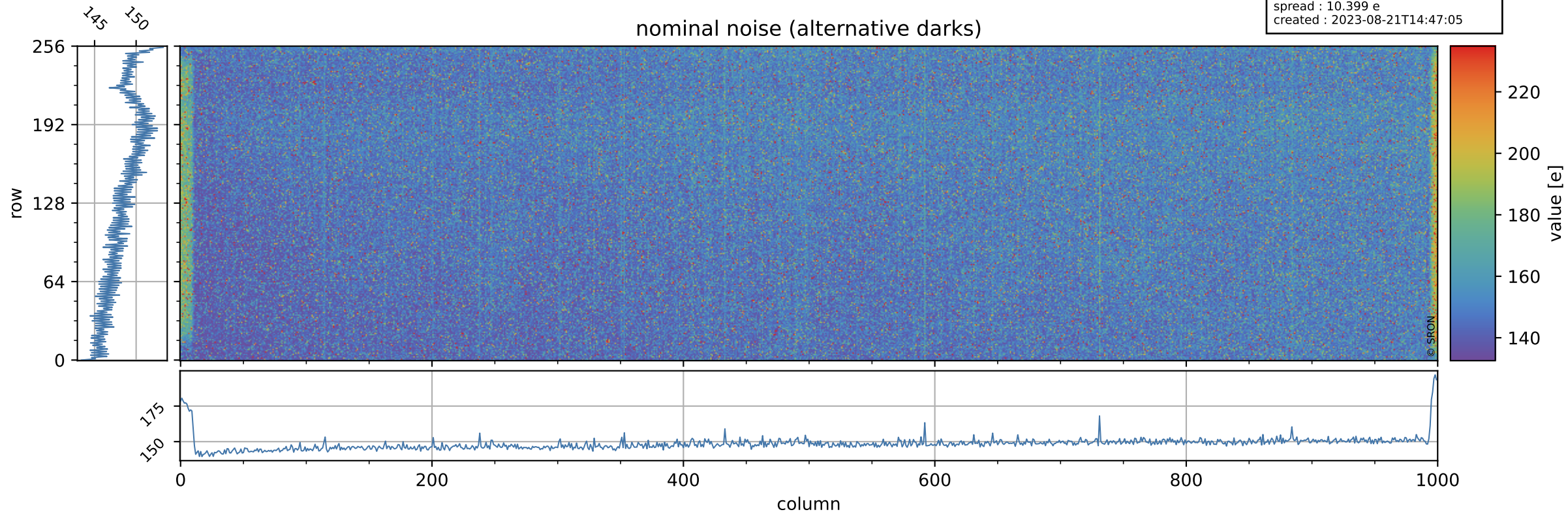


Tropomi SWIR background noise (swir)

orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.399 e
created : 2023-08-21T14:47:05

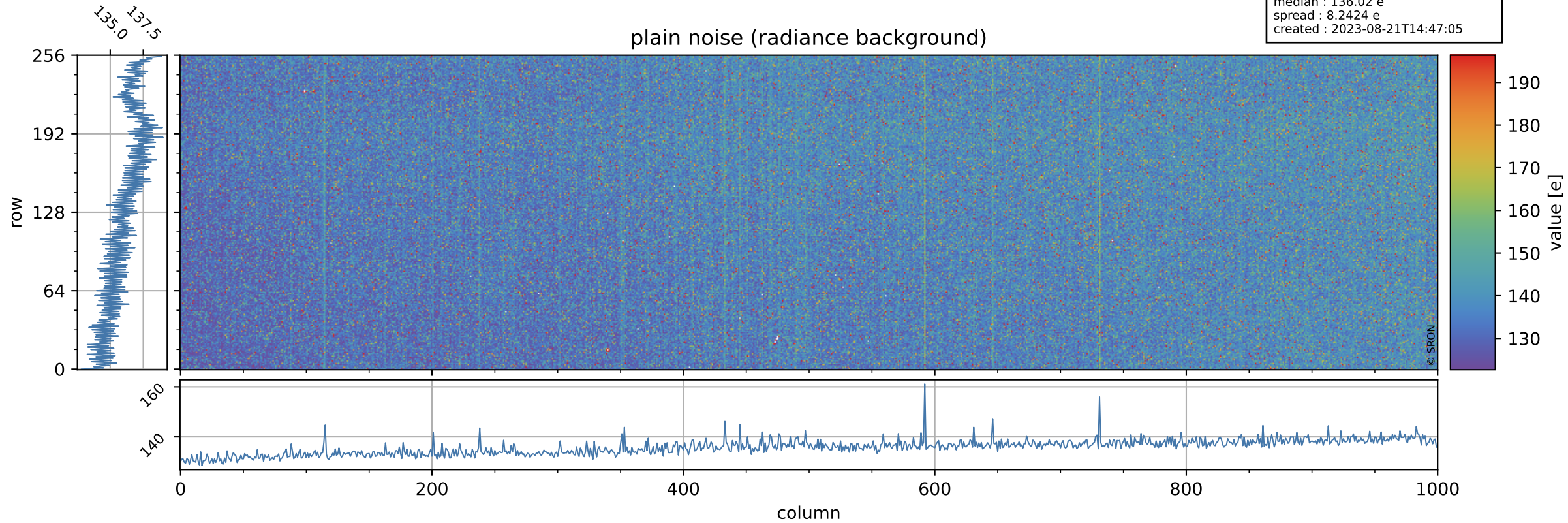
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2424 e
created : 2023-08-21T14:47:05

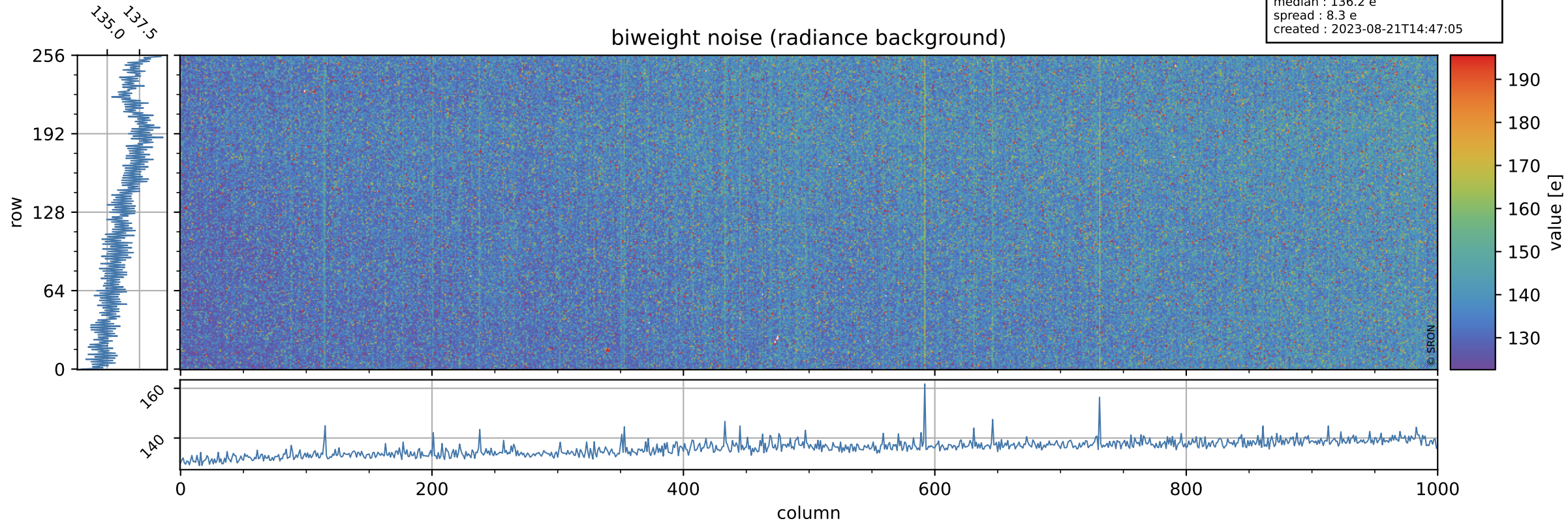
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.3 e
created : 2023-08-21T14:47:05

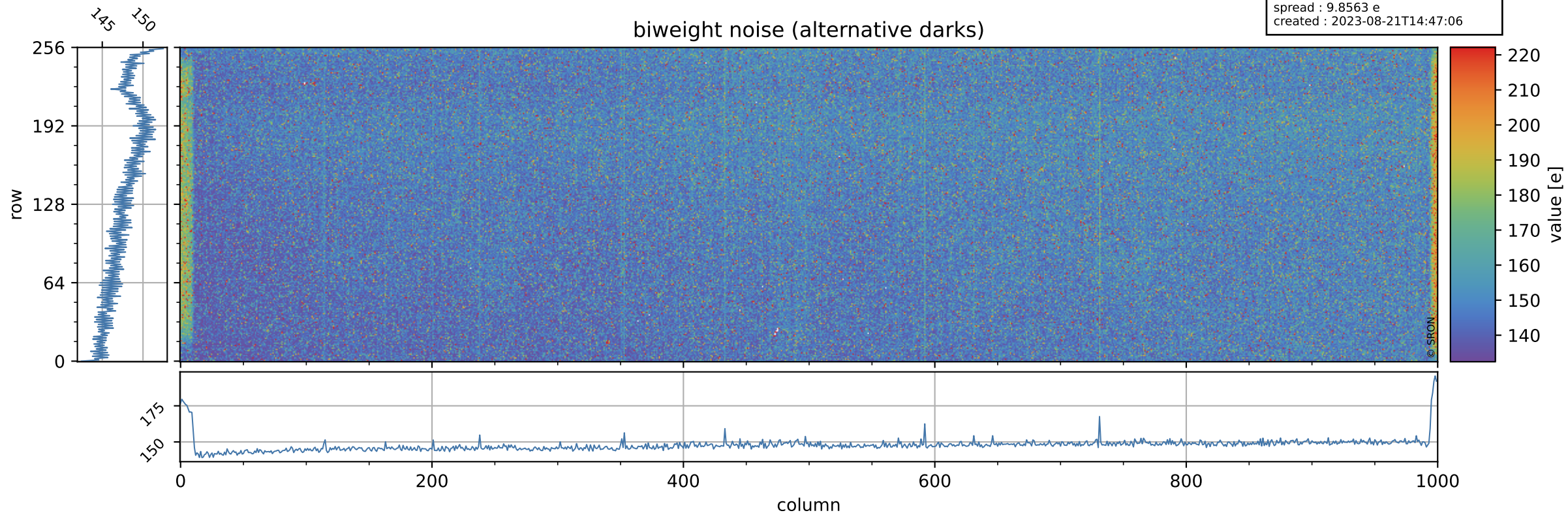
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.8563 e
created : 2023-08-21T14:47:06

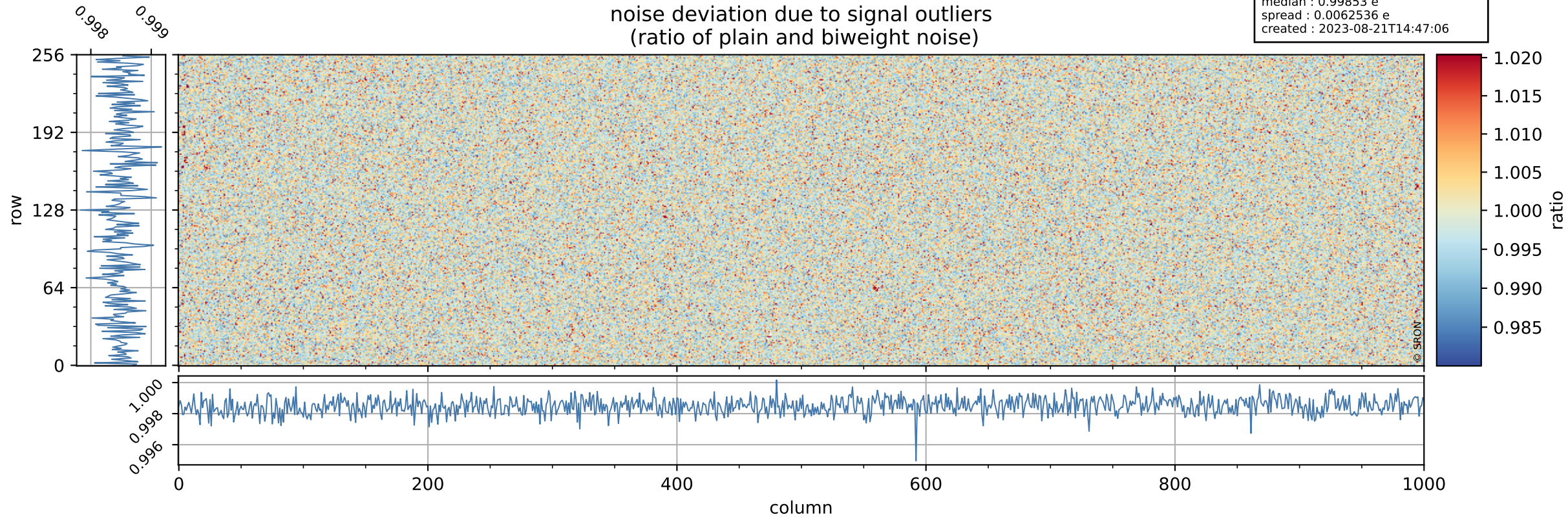
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

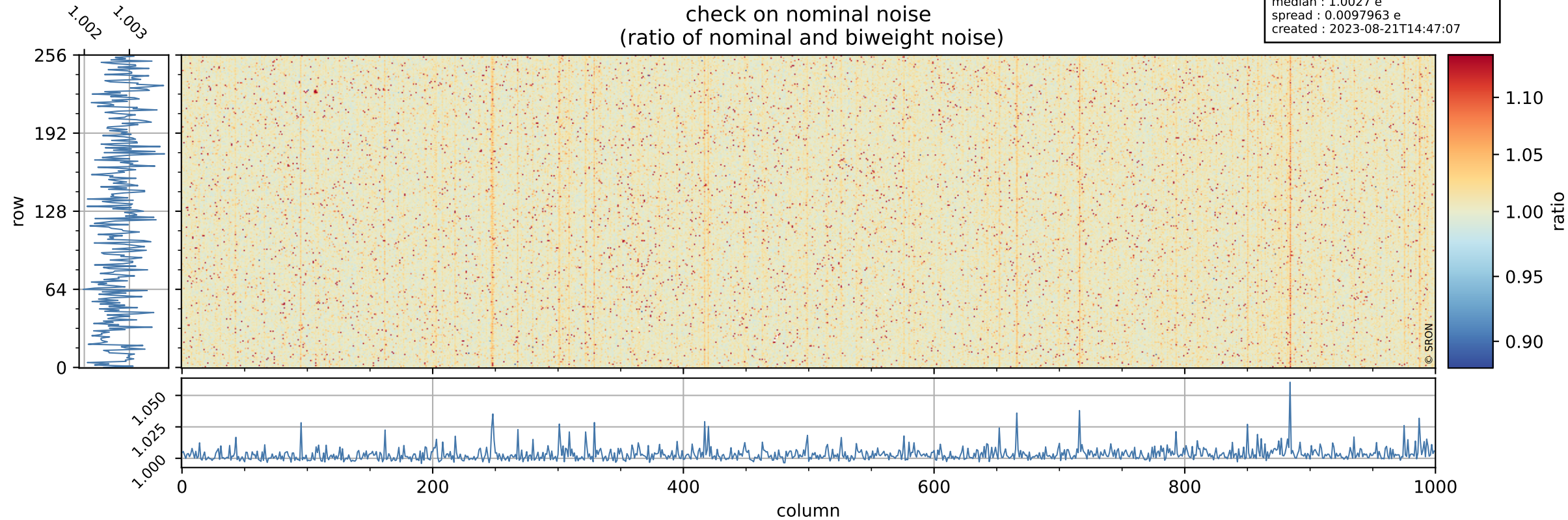
orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
median : 0.99853 e
spread : 0.0062536 e
created : 2023-08-21T14:47:06



Tropomi SWIR background noise (swir)

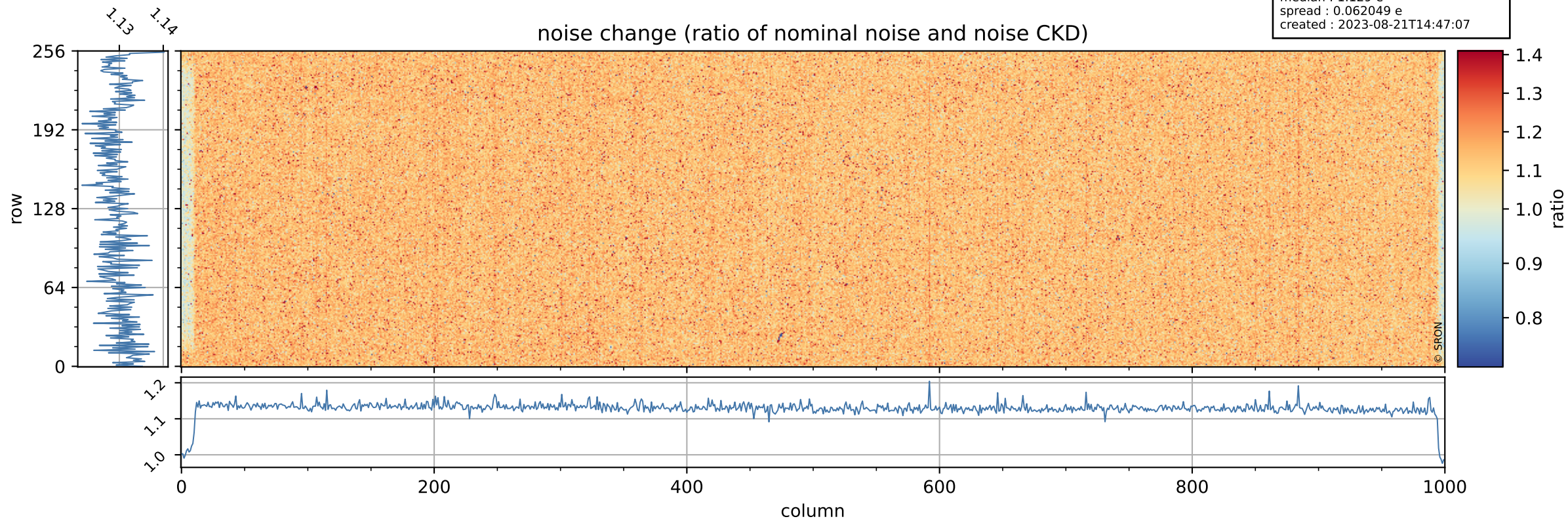
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
median : 1.0027 e
spread : 0.0097963 e
created : 2023-08-21T14:47:07



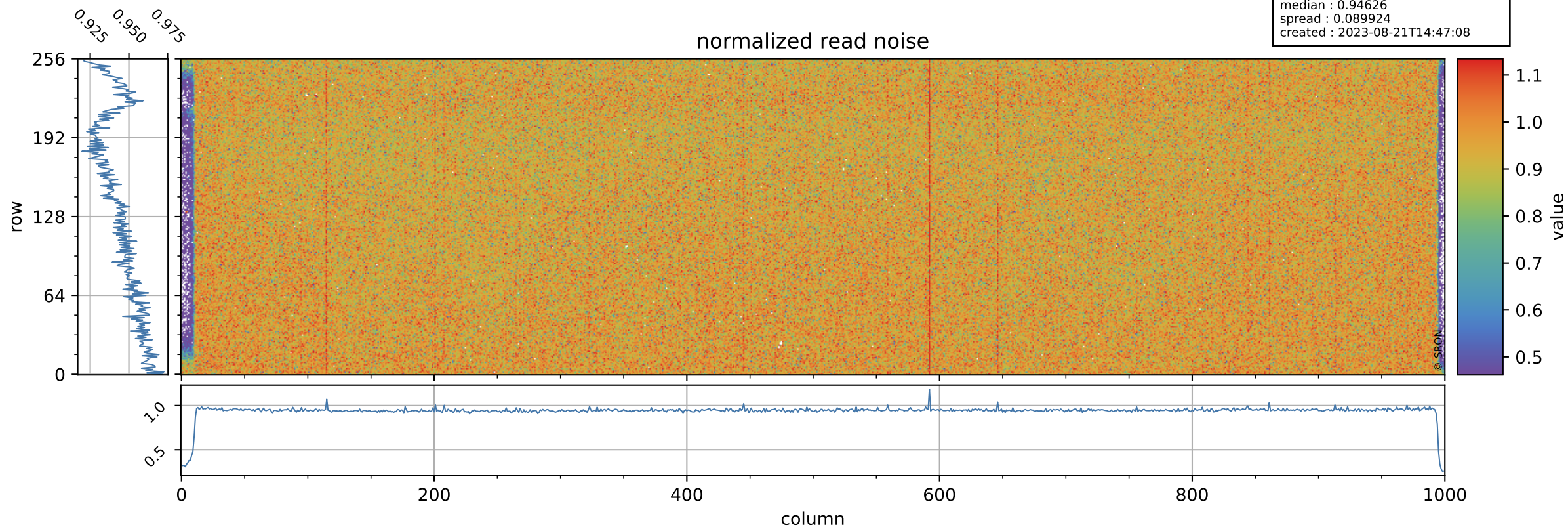
Tropomi SWIR background noise (swir)

orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
median : 1.129 e
spread : 0.062049 e
created : 2023-08-21T14:47:07



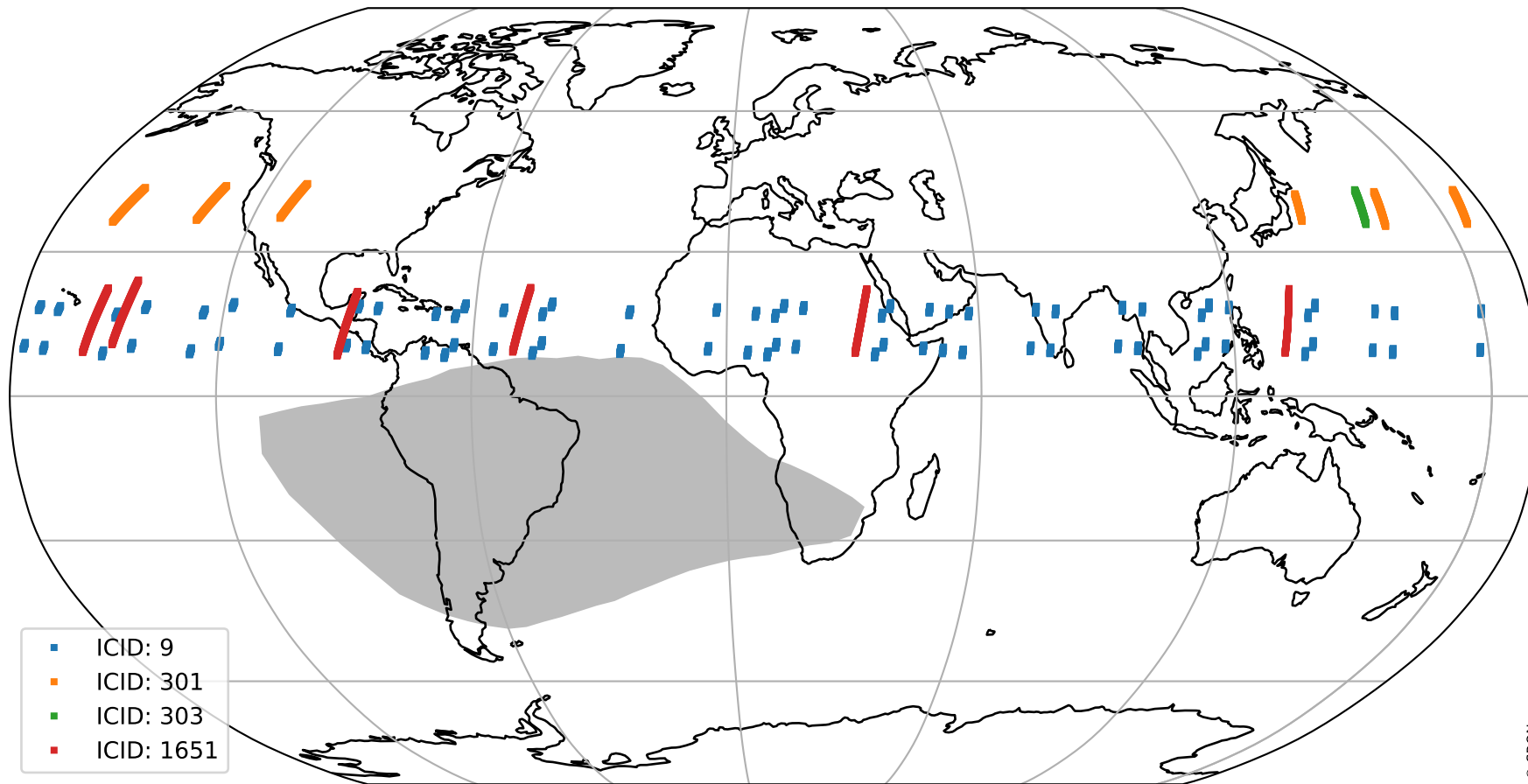
Tropomi SWIR background noise (swir)

orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
median : 0.94626
spread : 0.089924
created : 2023-08-21T14:47:08



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

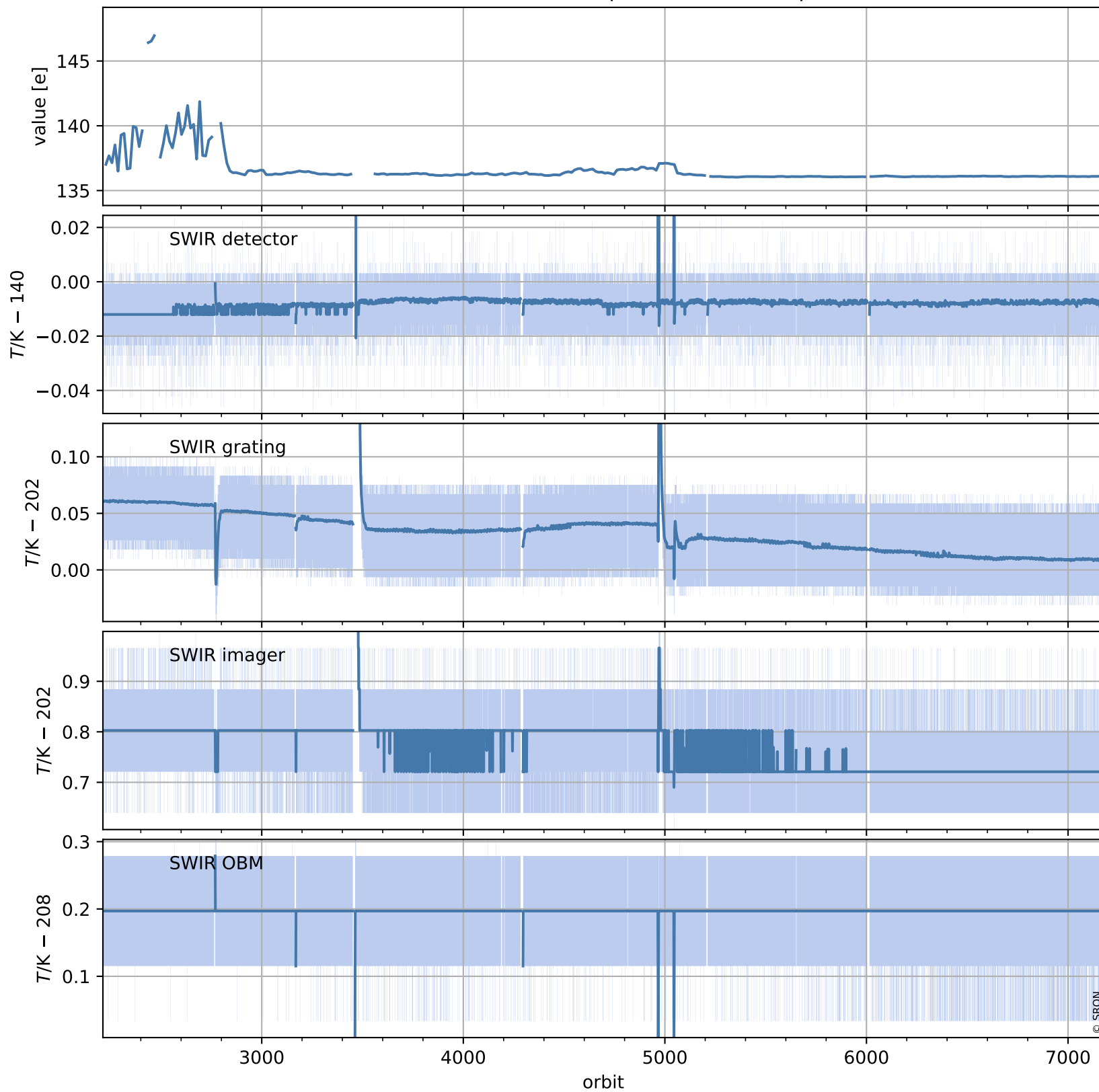
orbits : 13 in [7087, 7177]
coverage : 2019-02-25 / 2019-03-03
created : 2023-08-21T14:47:08



Tropomi SWIR background noise (swir)

orbits : [2212, 7177]
coverage : 2018-03-18 / 2019-03-03
created : 2023-08-21T14:47:08

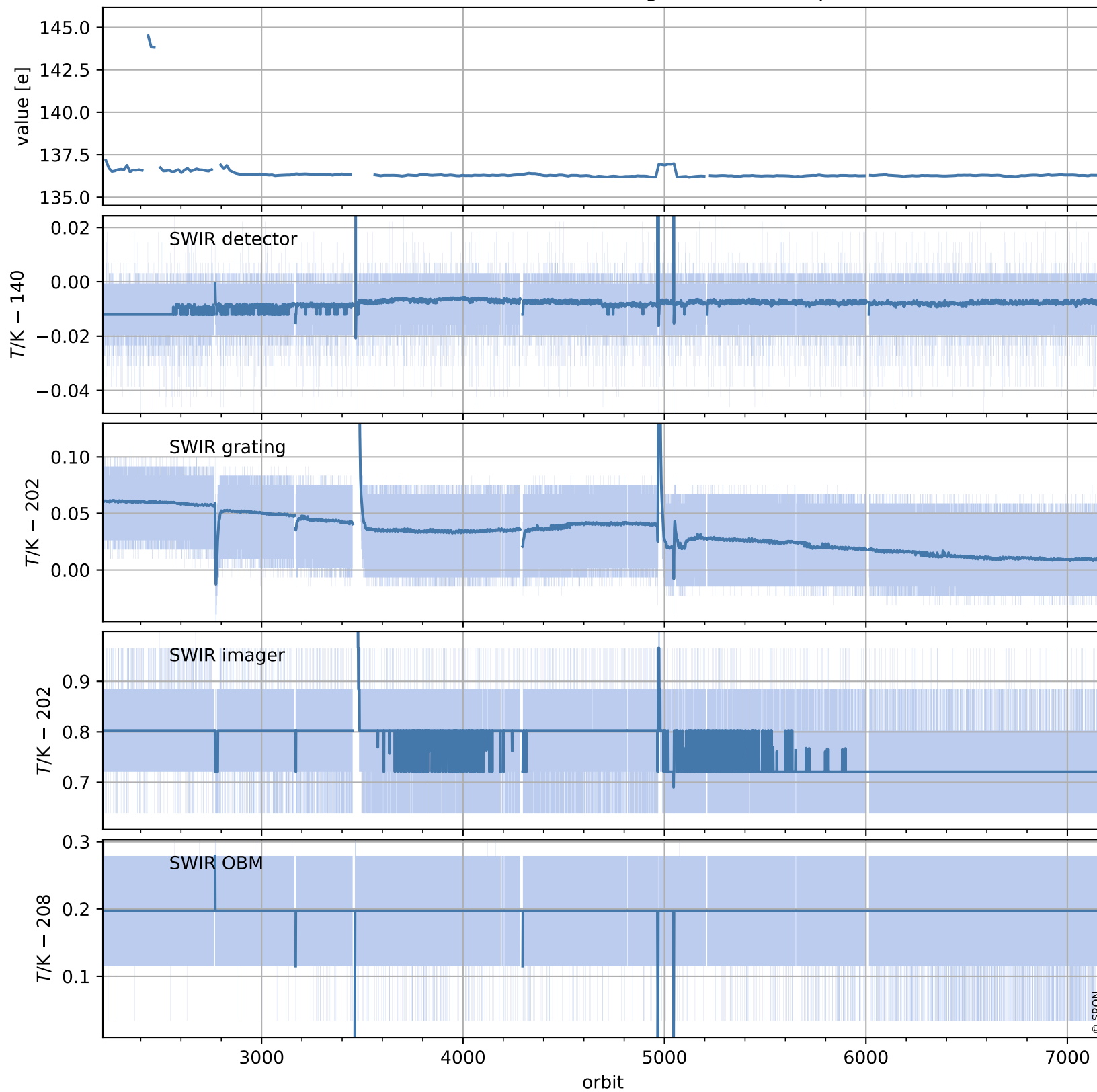
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7177]
coverage : 2018-03-18 / 2019-03-03
created : 2023-08-21T14:47:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7177]
coverage : 2018-03-18 / 2019-03-03
created : 2023-08-21T14:47:10

trend of normalized read-noise & temperatures

