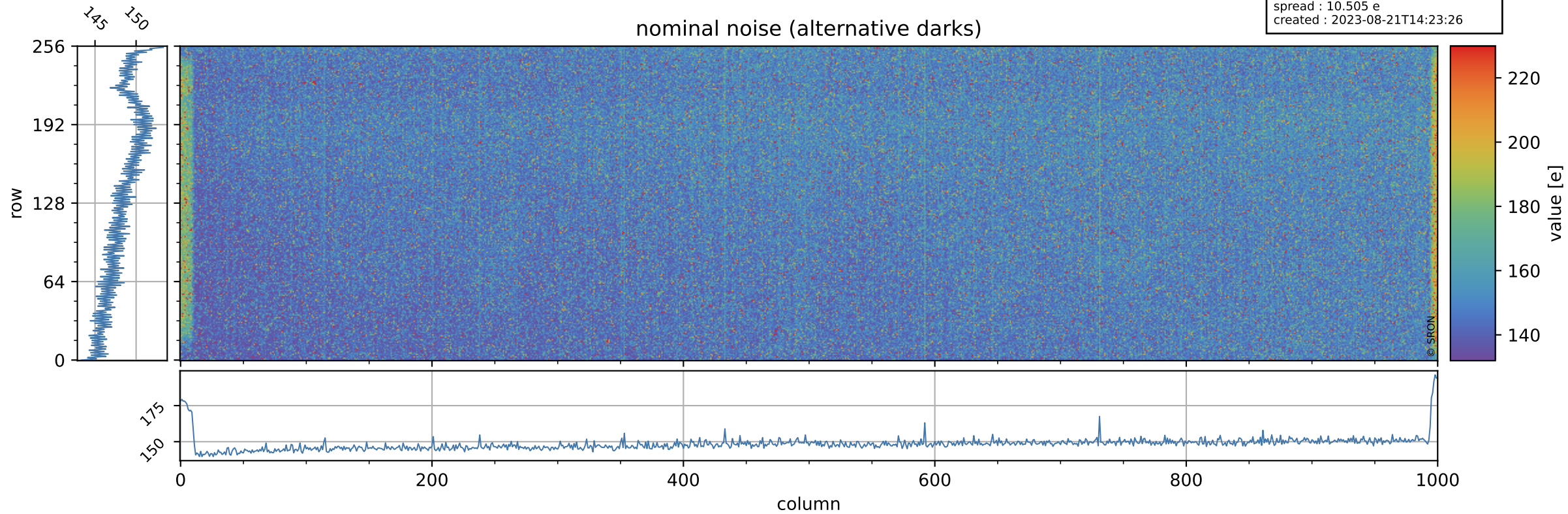


Tropomi SWIR background noise (swir)

orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.505 e
created : 2023-08-21T14:23:26

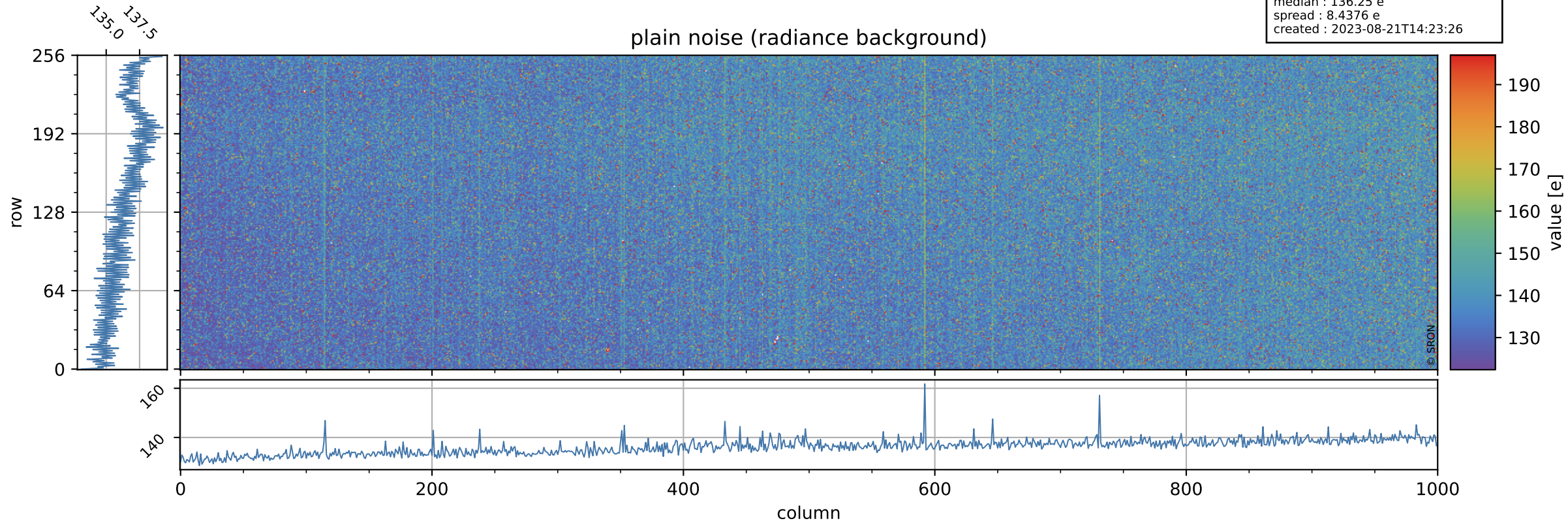
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.4376 e
created : 2023-08-21T14:23:26

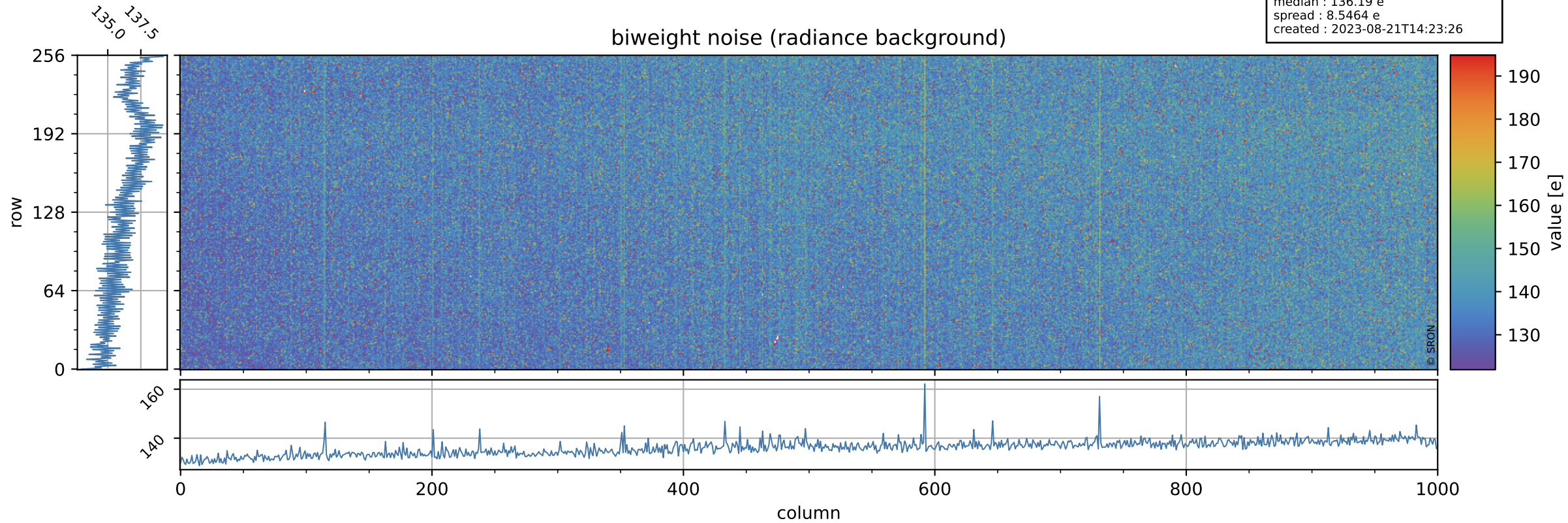
plain noise (radiance background)



Tropomi SWIR background noise (swir)

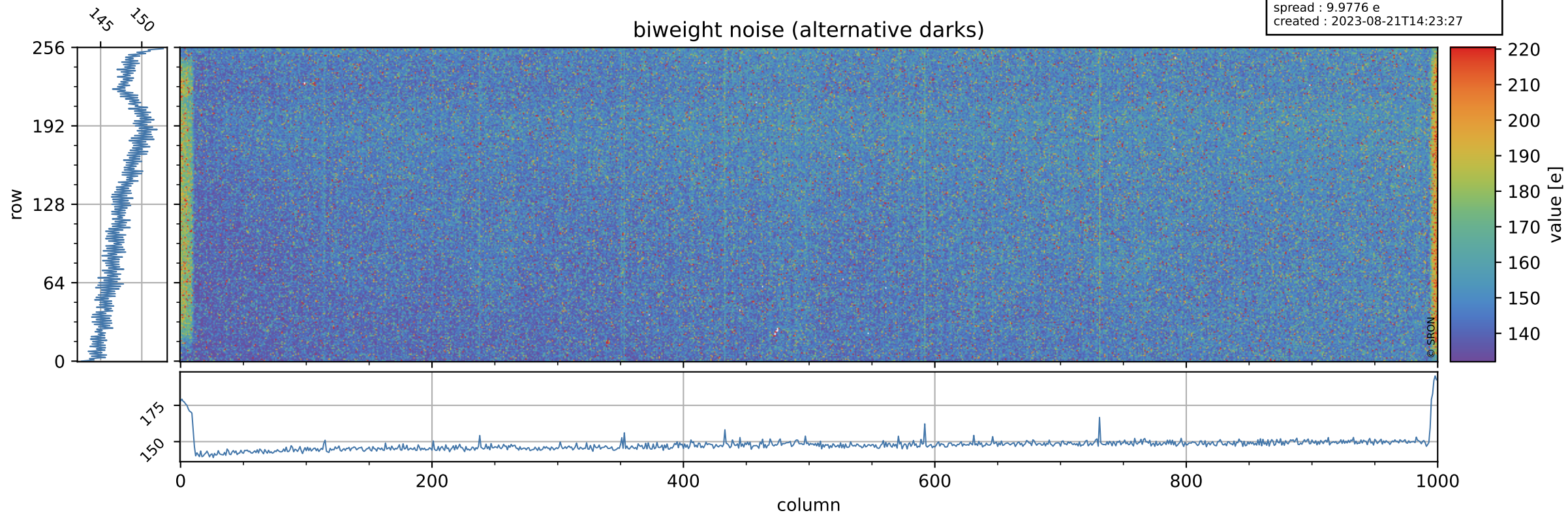
orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5464 e
created : 2023-08-21T14:23:26

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

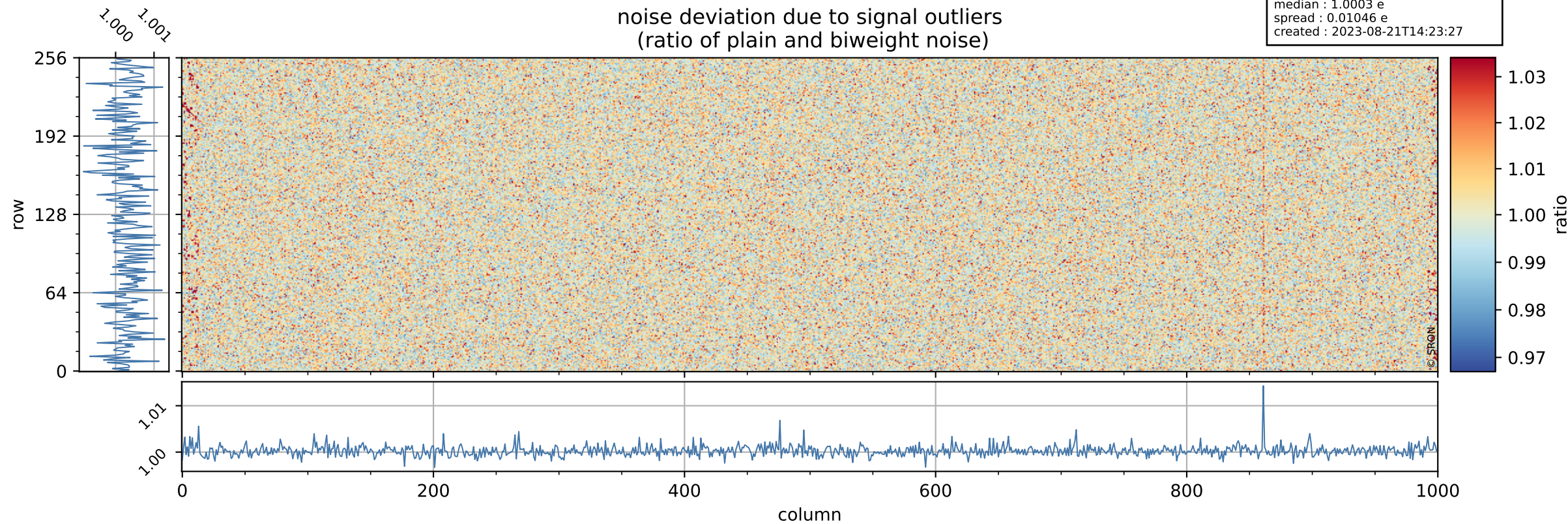
orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9776 e
created : 2023-08-21T14:23:27



Tropomi SWIR background noise (swir)

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

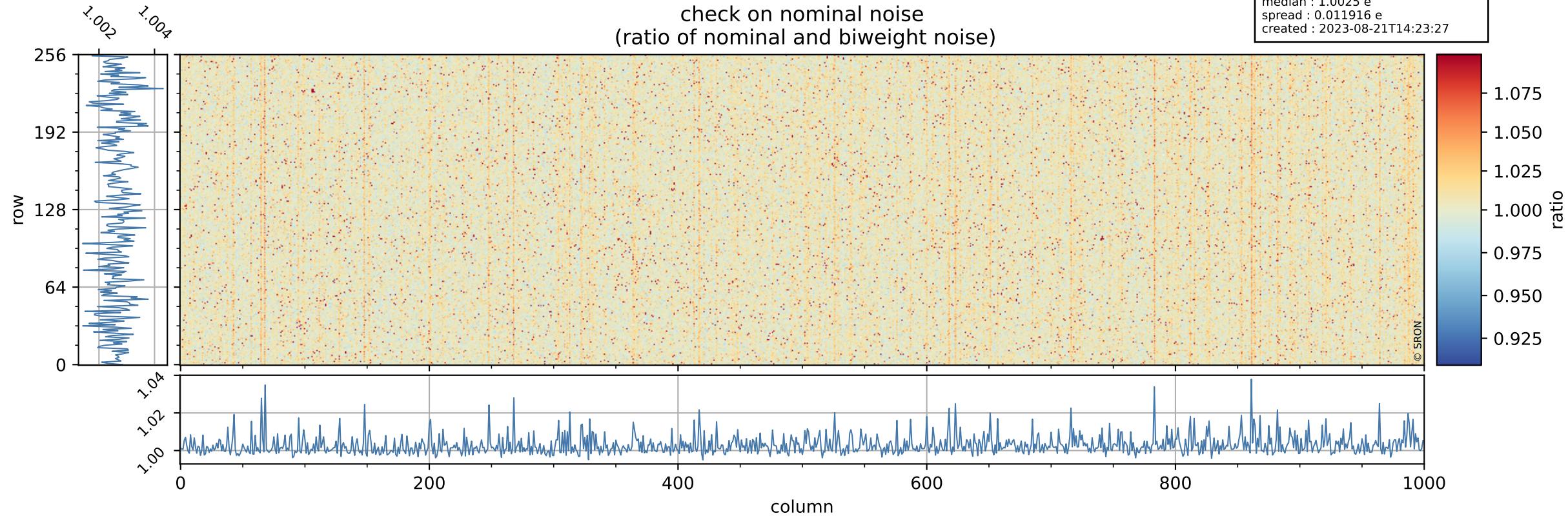
orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
median : 1.0003 e
spread : 0.01046 e
created : 2023-08-21T14:23:27



Tropomi SWIR background noise (swir)

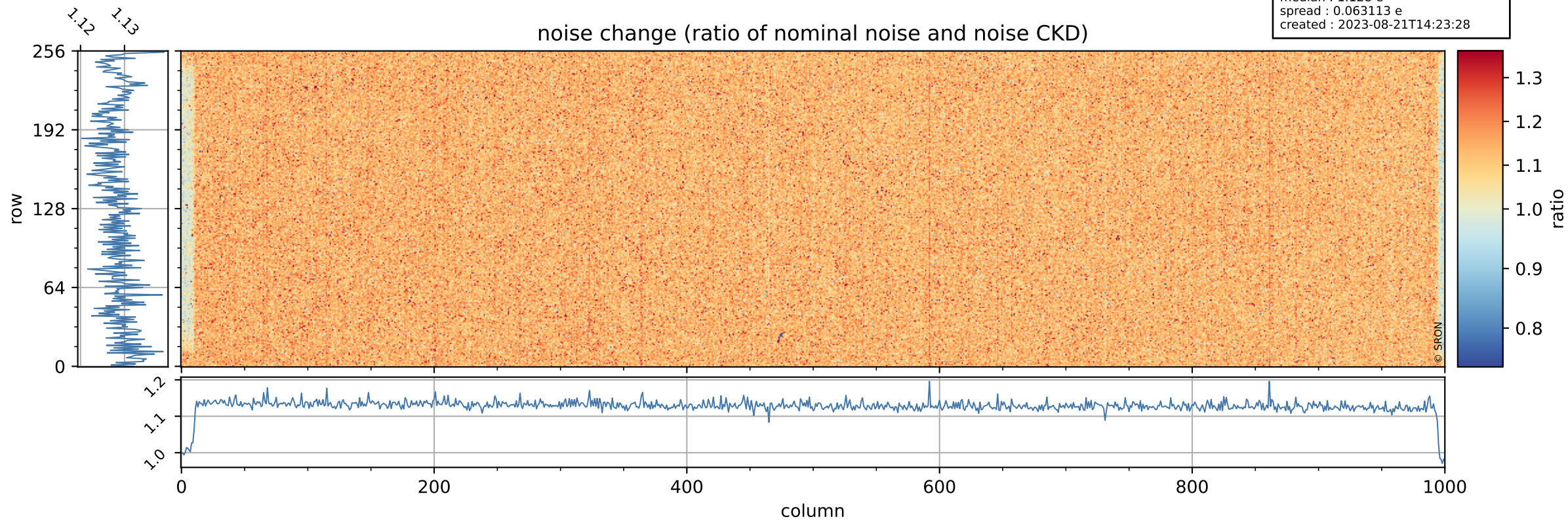
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
median : 1.0025 e
spread : 0.011916 e
created : 2023-08-21T14:23:27



Tropomi SWIR background noise (swir)

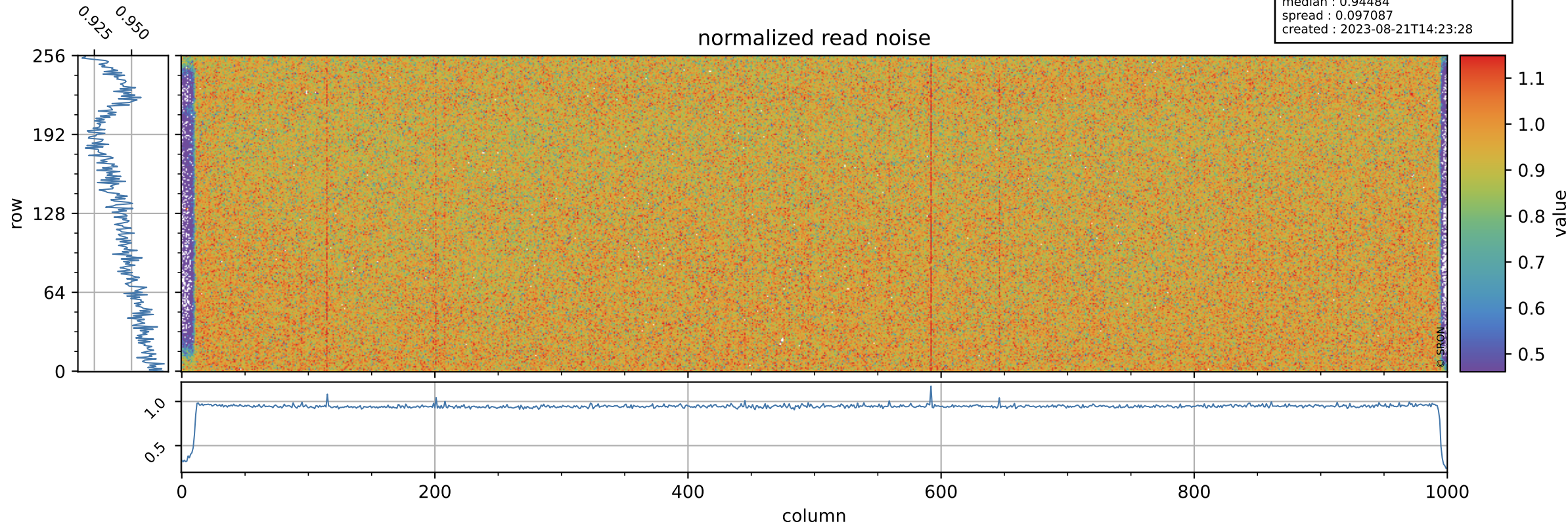
orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
median : 1.128 e
spread : 0.063113 e
created : 2023-08-21T14:23:28



Tropomi SWIR background noise (swir)

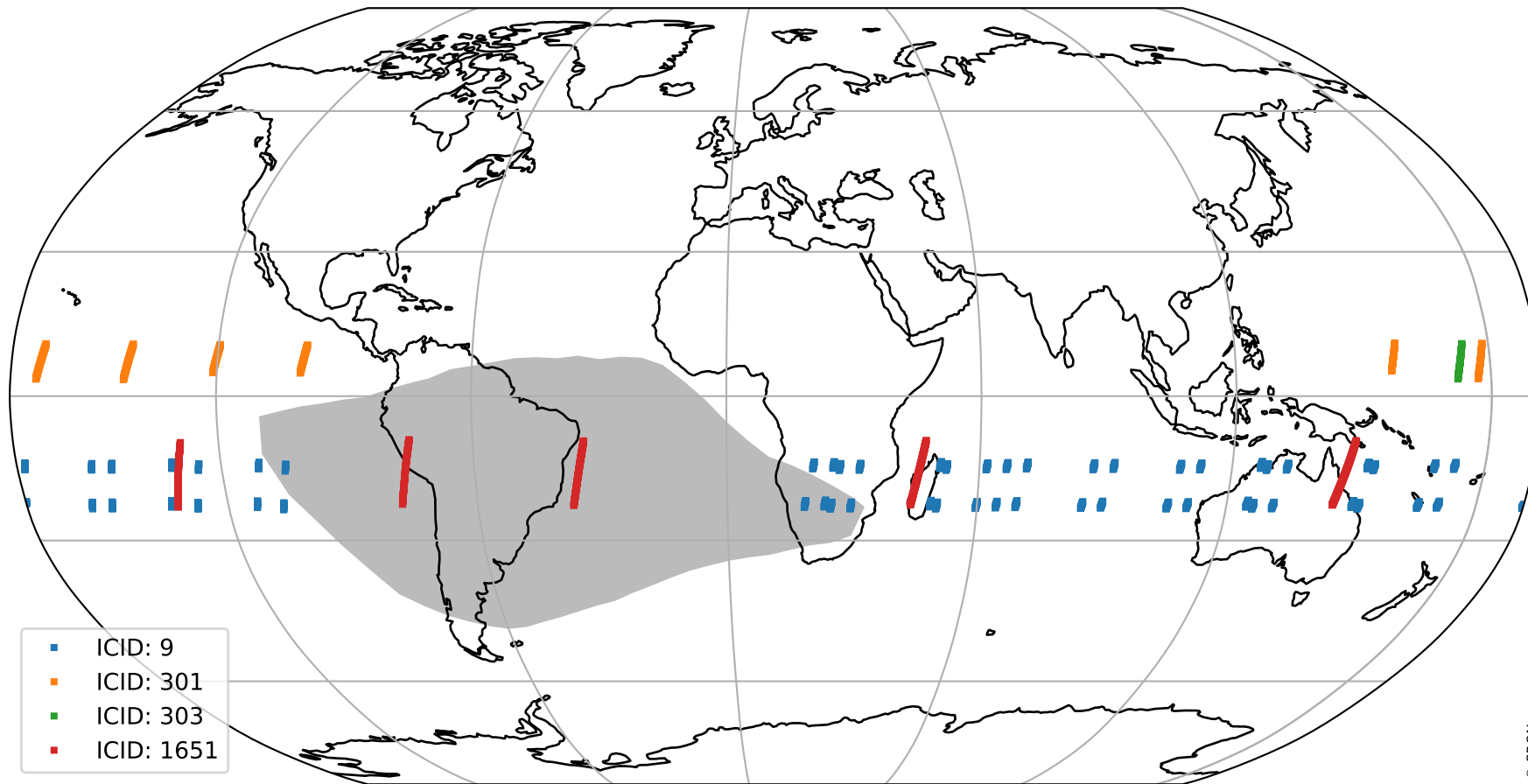
orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
median : 0.94484
spread : 0.097087
created : 2023-08-21T14:23:28

normalized read noise



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

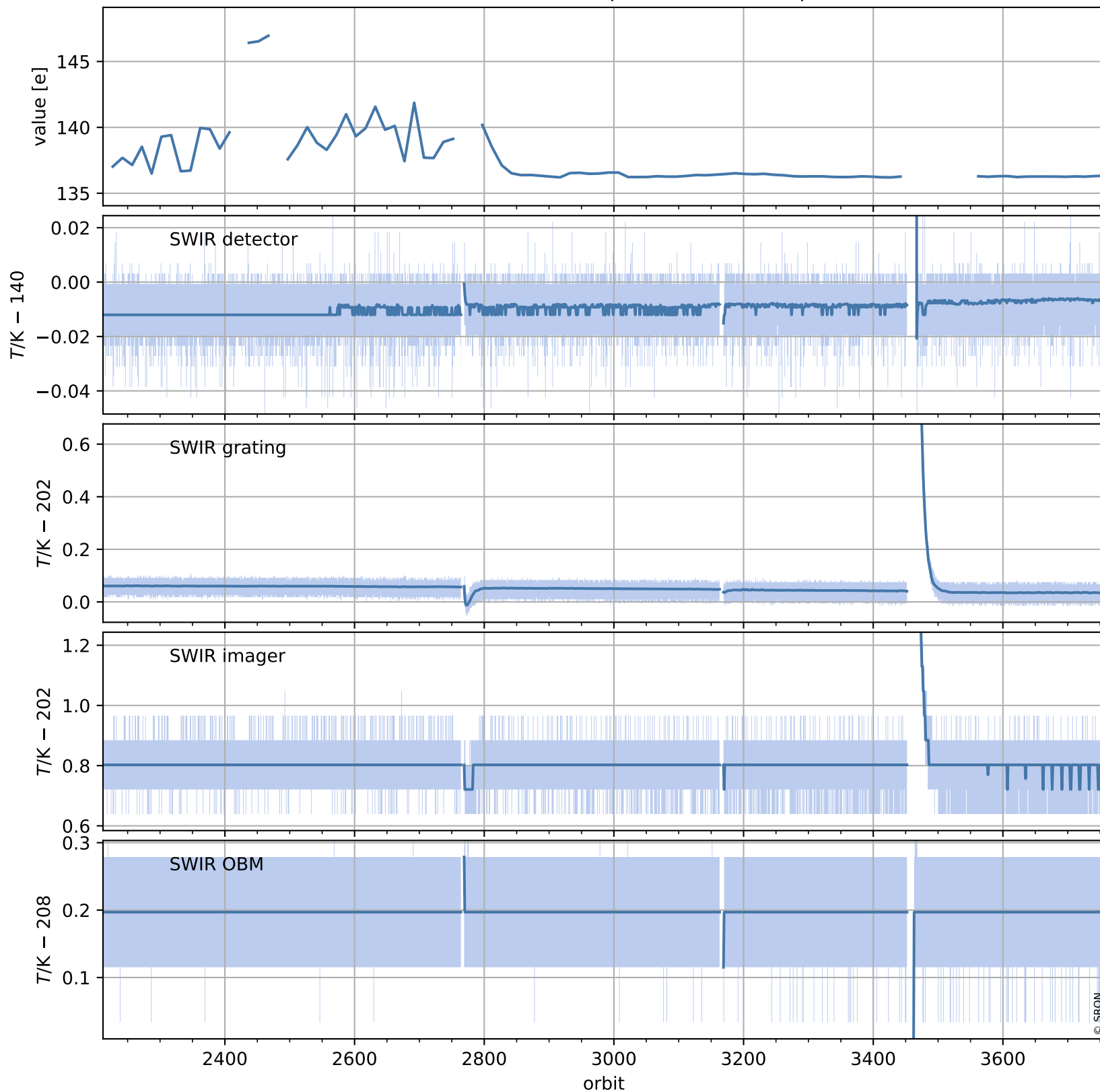
orbits : 12 in [3667, 3757]
coverage : 2018-06-29 / 2018-07-05
created : 2023-08-21T14:23:28



Tropomi SWIR background noise (swir)

orbits : [2212, 3757]
coverage : 2018-03-18 / 2018-07-05
created : 2023-08-21T14:23:29

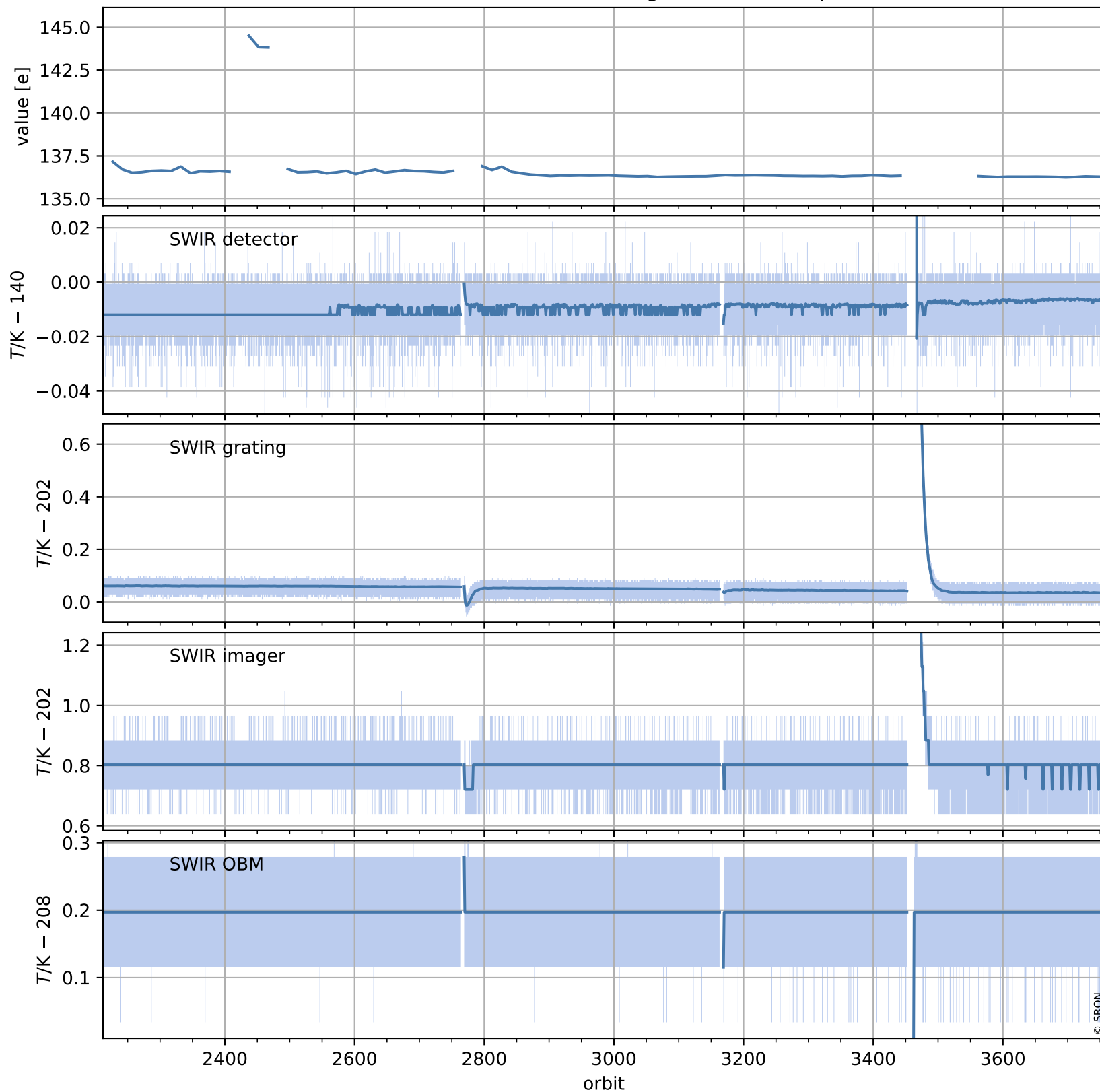
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3757]
coverage : 2018-03-18 / 2018-07-05
created : 2023-08-21T14:23:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3757]
coverage : 2018-03-18 / 2018-07-05
created : 2023-08-21T14:23:30

trend of normalized read-noise & temperatures

