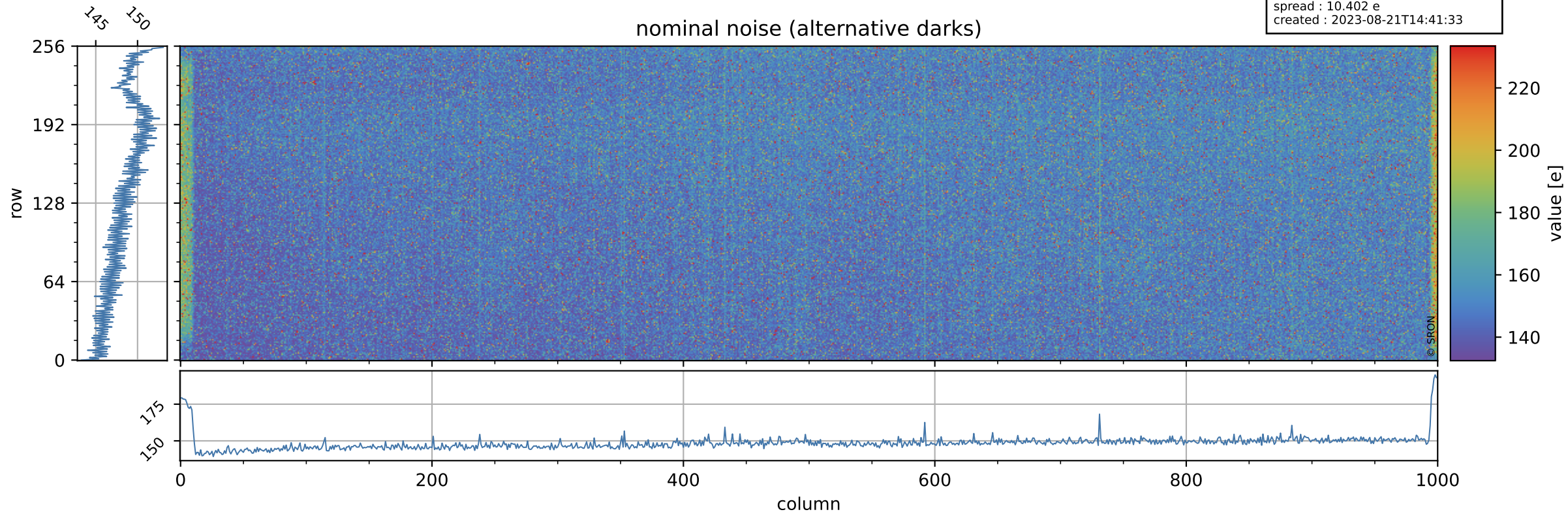


Tropomi SWIR background noise (swir)

orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.402 e
created : 2023-08-21T14:41:33

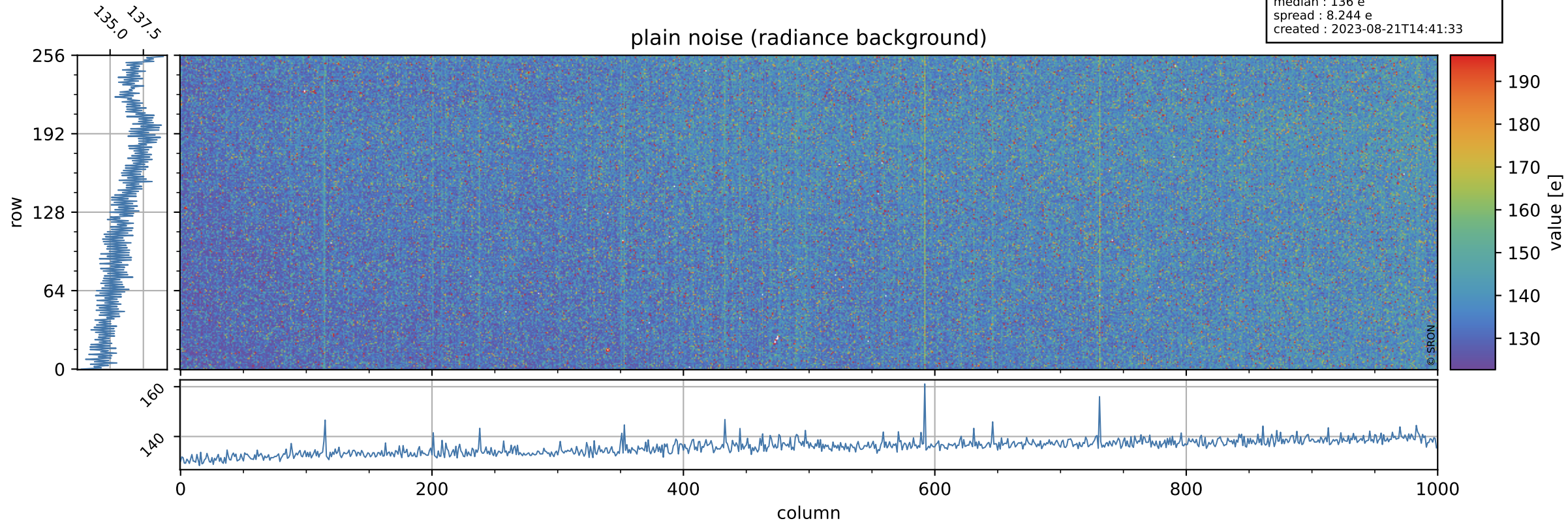
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.244 e
created : 2023-08-21T14:41:33

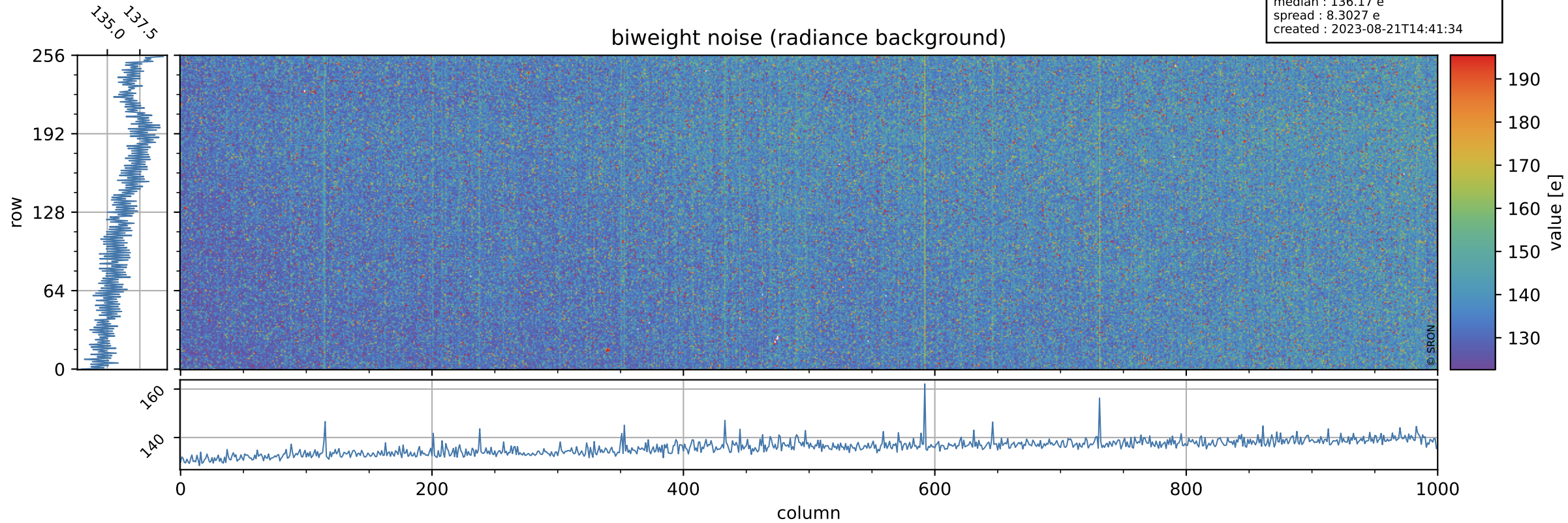
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3027 e
created : 2023-08-21T14:41:34

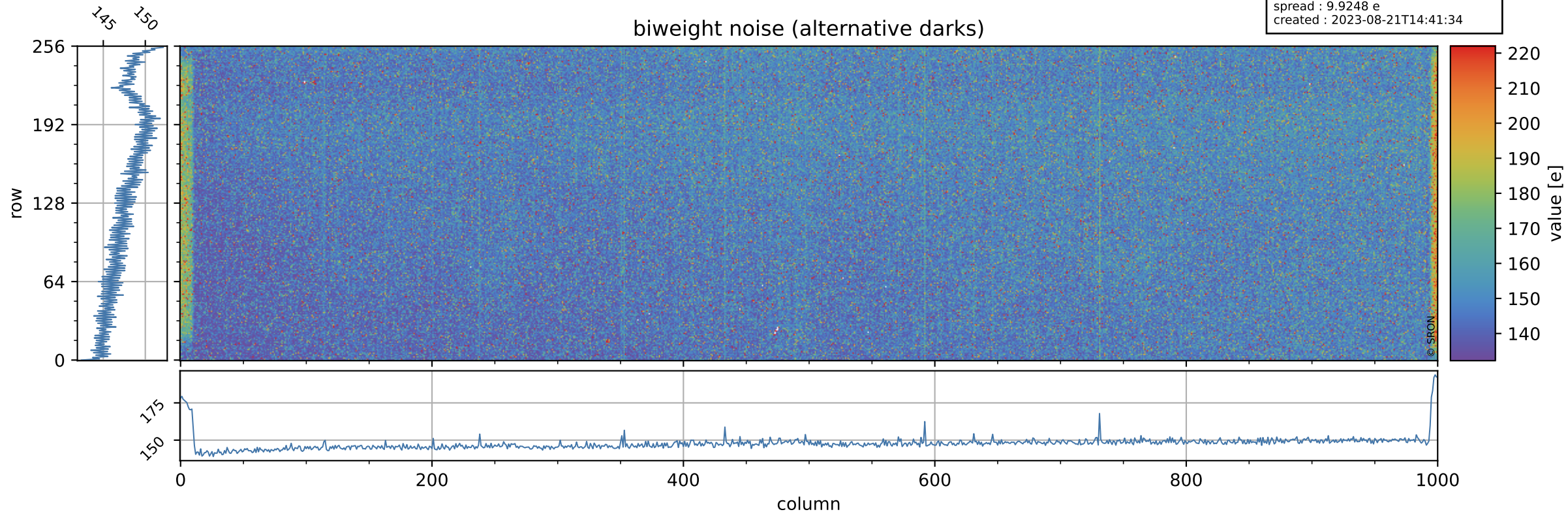
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9248 e
created : 2023-08-21T14:41:34

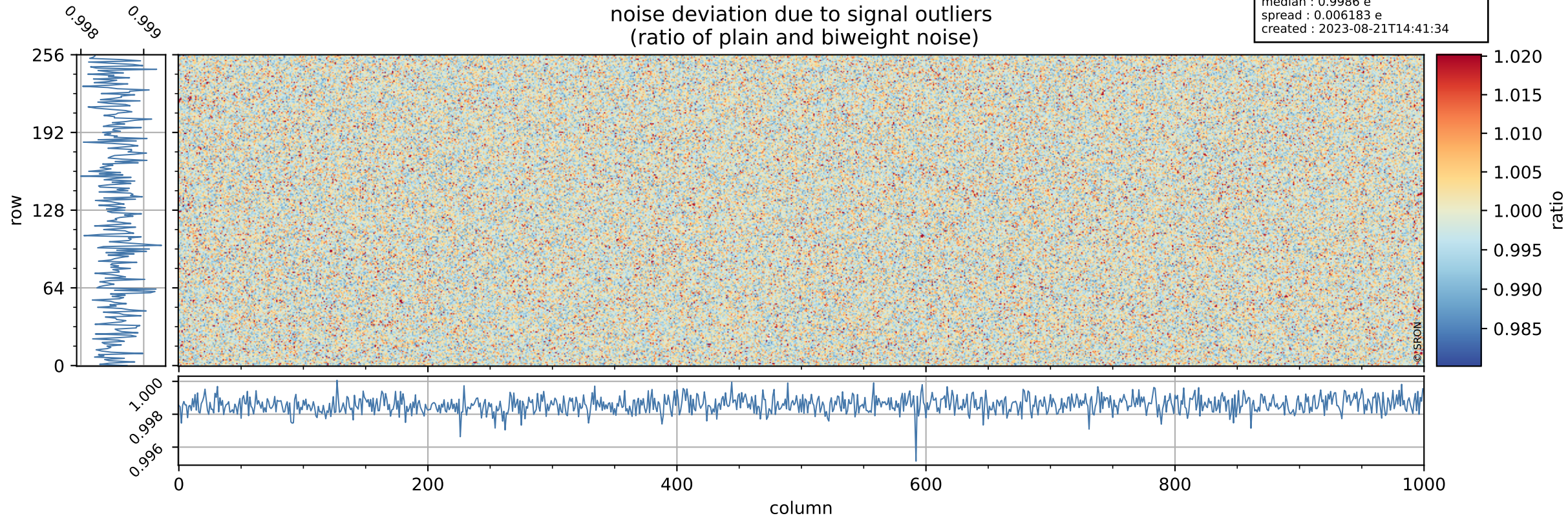
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

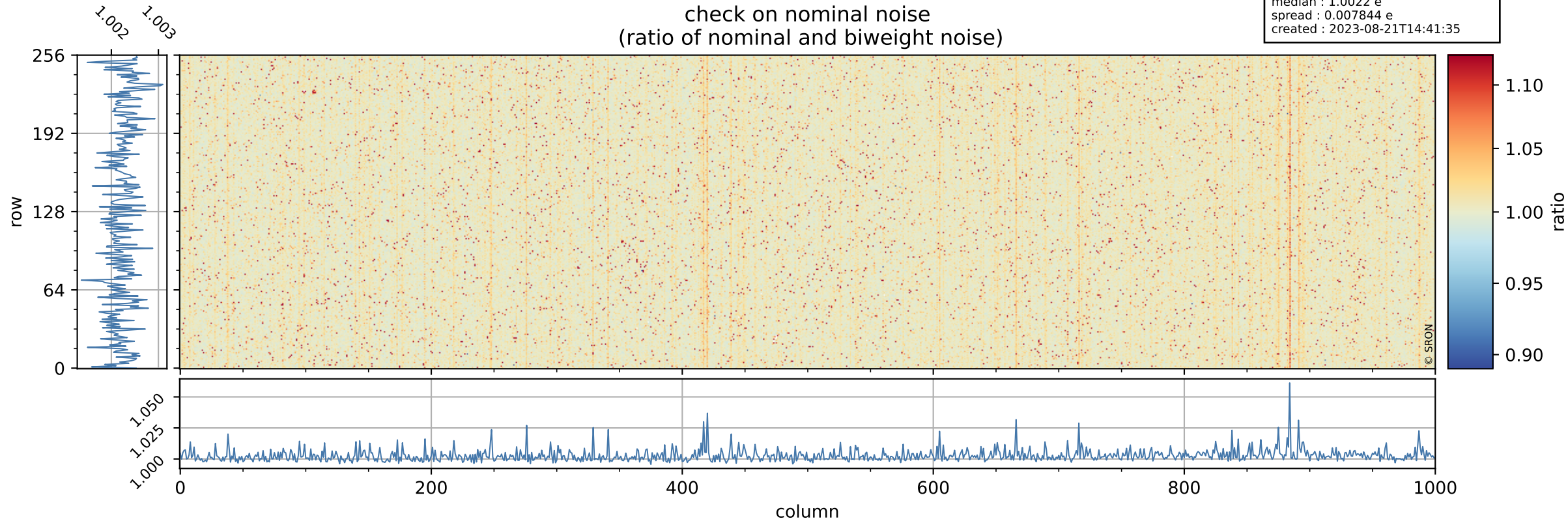
orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
median : 0.9986 e
spread : 0.006183 e
created : 2023-08-21T14:41:34



Tropomi SWIR background noise (swir)

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

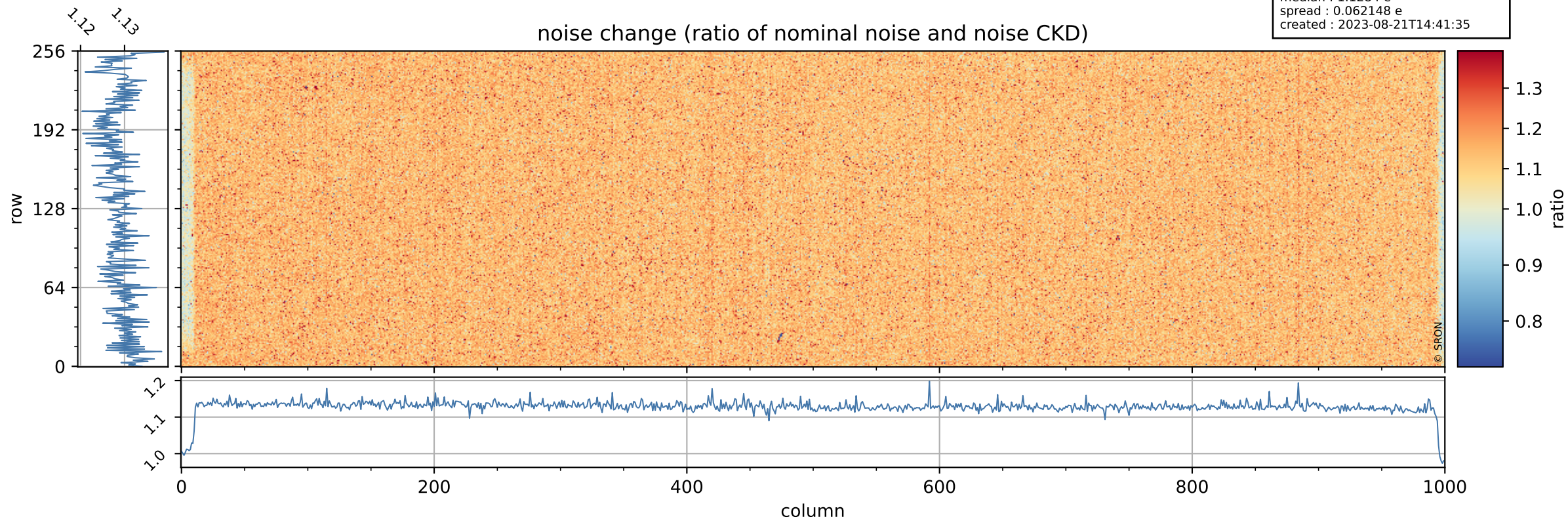
orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
median : 1.0022 e
spread : 0.007844 e
created : 2023-08-21T14:41:35



Tropomi SWIR background noise (swir)

orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
median : 1.1284 e
spread : 0.062148 e
created : 2023-08-21T14:41:35

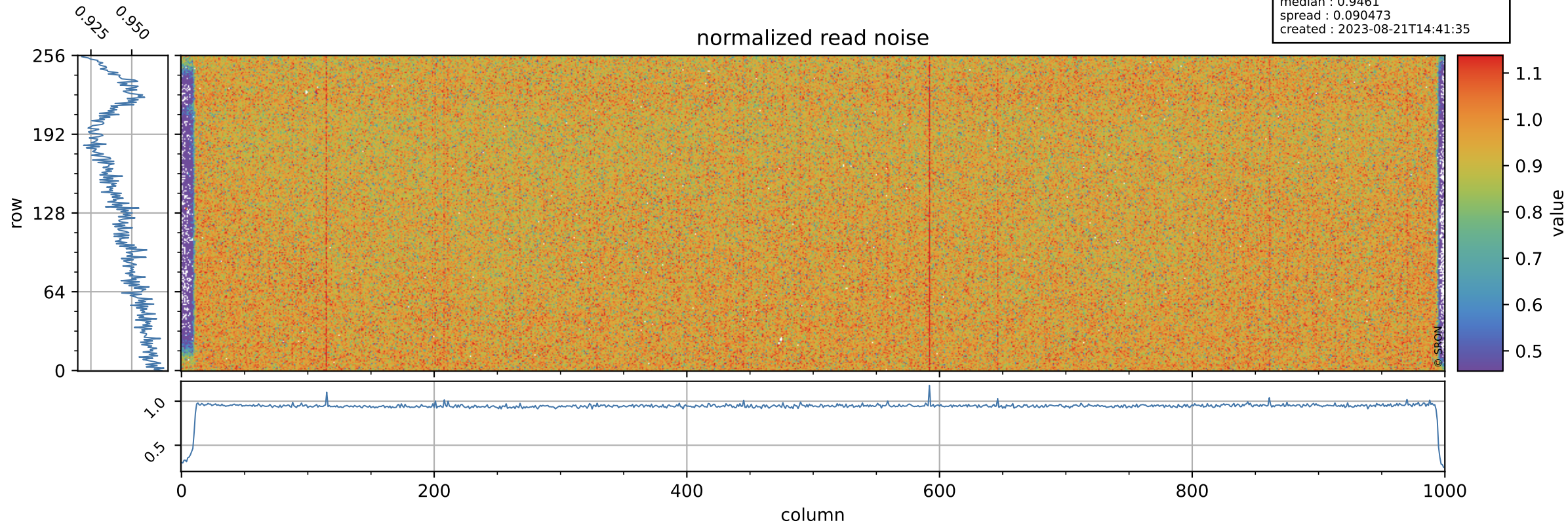
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

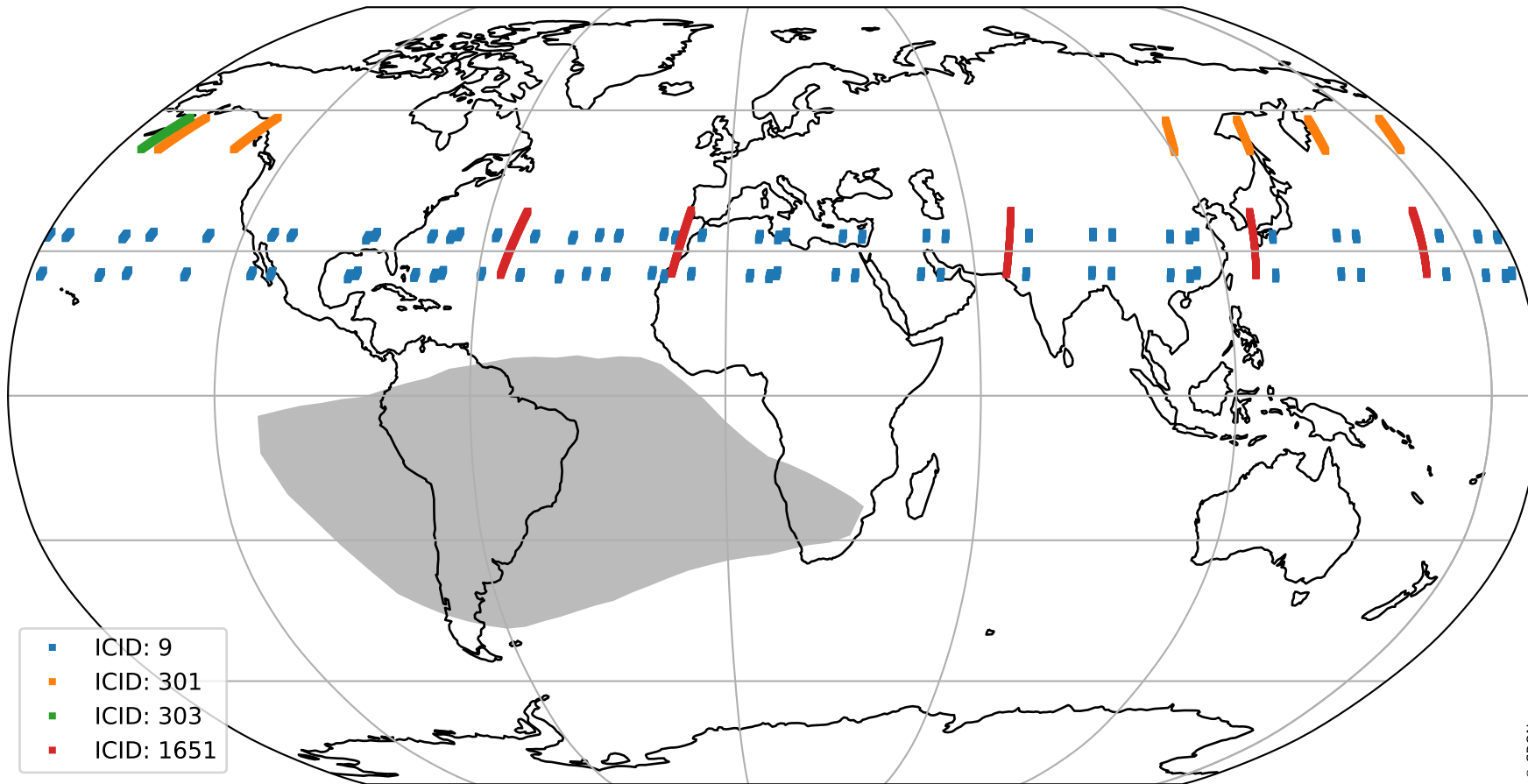
orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
median : 0.9461
spread : 0.090473
created : 2023-08-21T14:41:35

normalized read noise



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

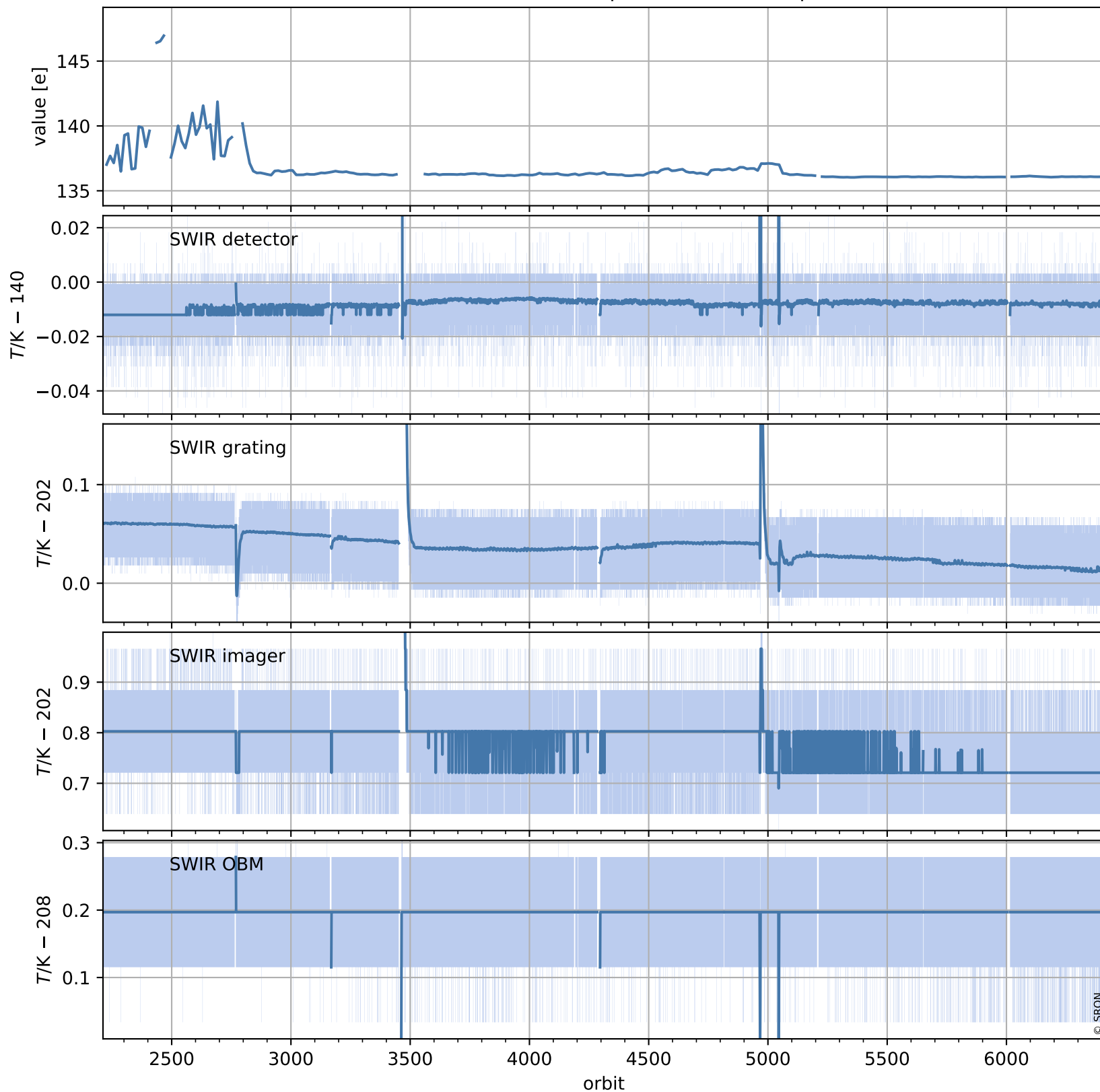
orbits : 12 in [6337, 6412]
coverage : 2019-01-02 / 2019-01-07
created : 2023-08-21T14:41:35



Tropomi SWIR background noise (swir)

orbits : [2212, 6412]
coverage : 2018-03-18 / 2019-01-07
created : 2023-08-21T14:41:36

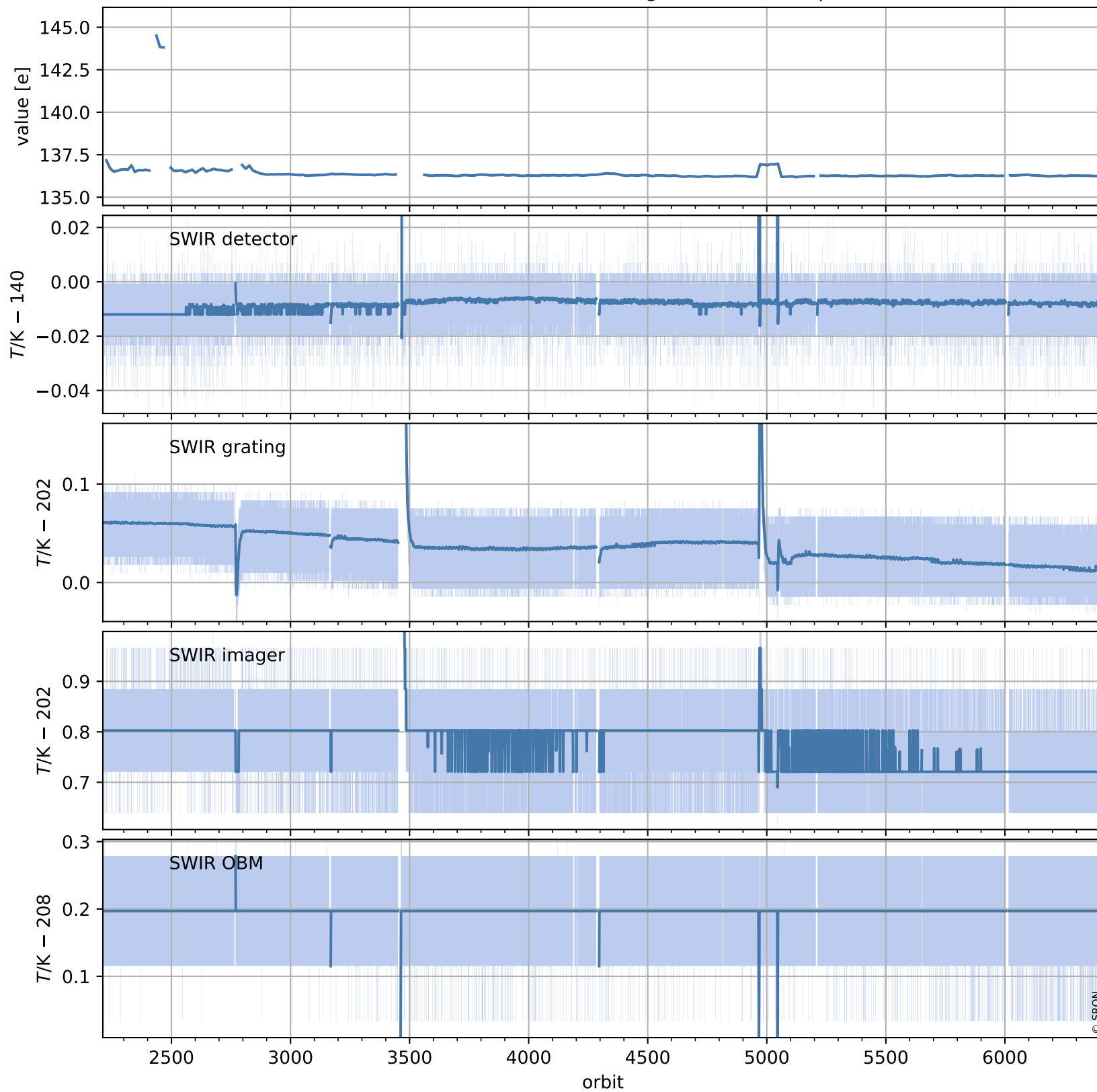
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6412]
coverage : 2018-03-18 / 2019-01-07
created : 2023-08-21T14:41:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6412]
coverage : 2018-03-18 / 2019-01-07
created : 2023-08-21T14:41:37

trend of normalized read-noise & temperatures

