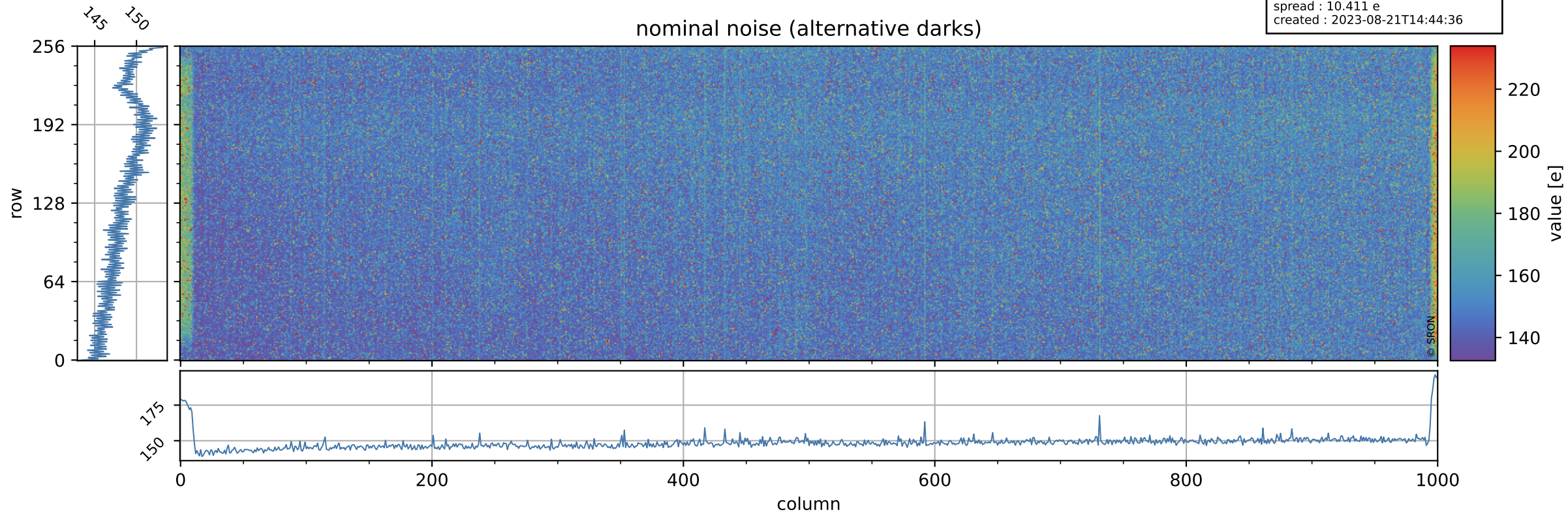


Tropomi SWIR background noise (swir)

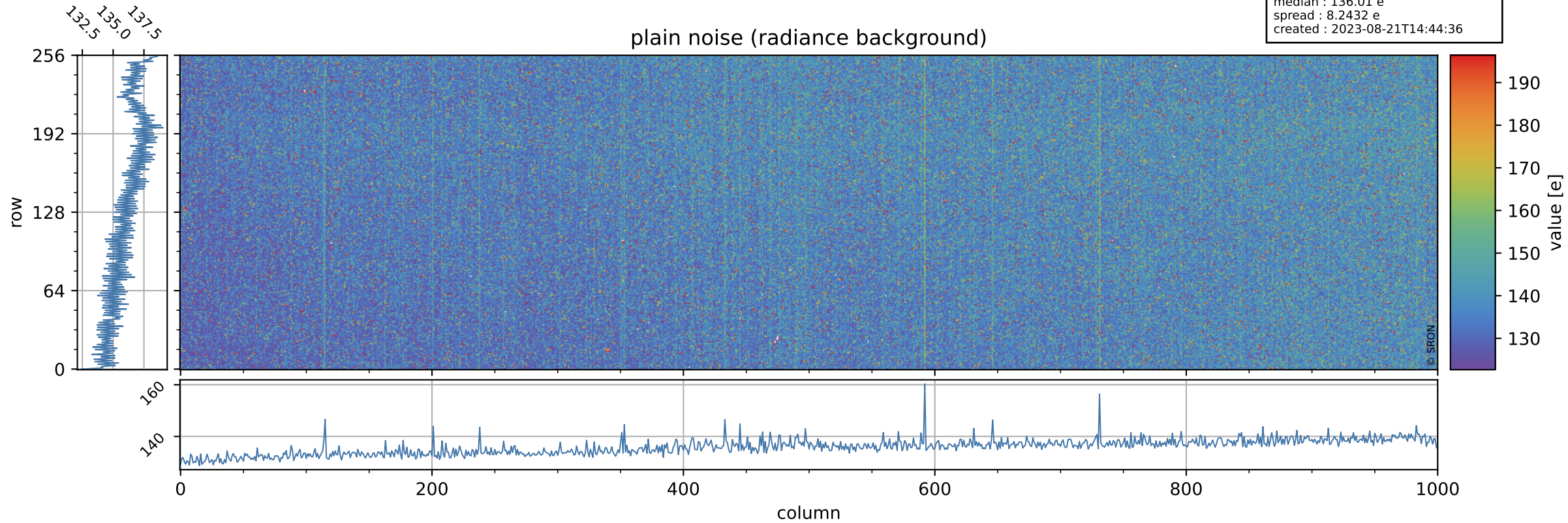
orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.411 e
created : 2023-08-21T14:44:36



Tropomi SWIR background noise (swir)

orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2432 e
created : 2023-08-21T14:44:36

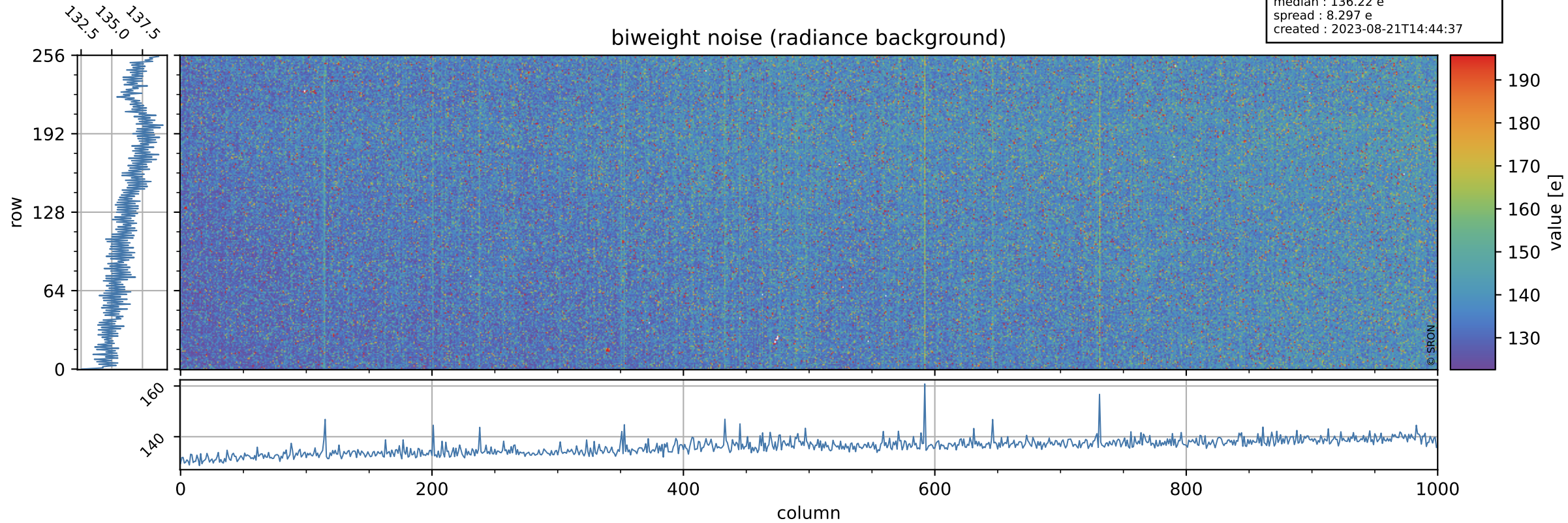
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.297 e
created : 2023-08-21T14:44:37

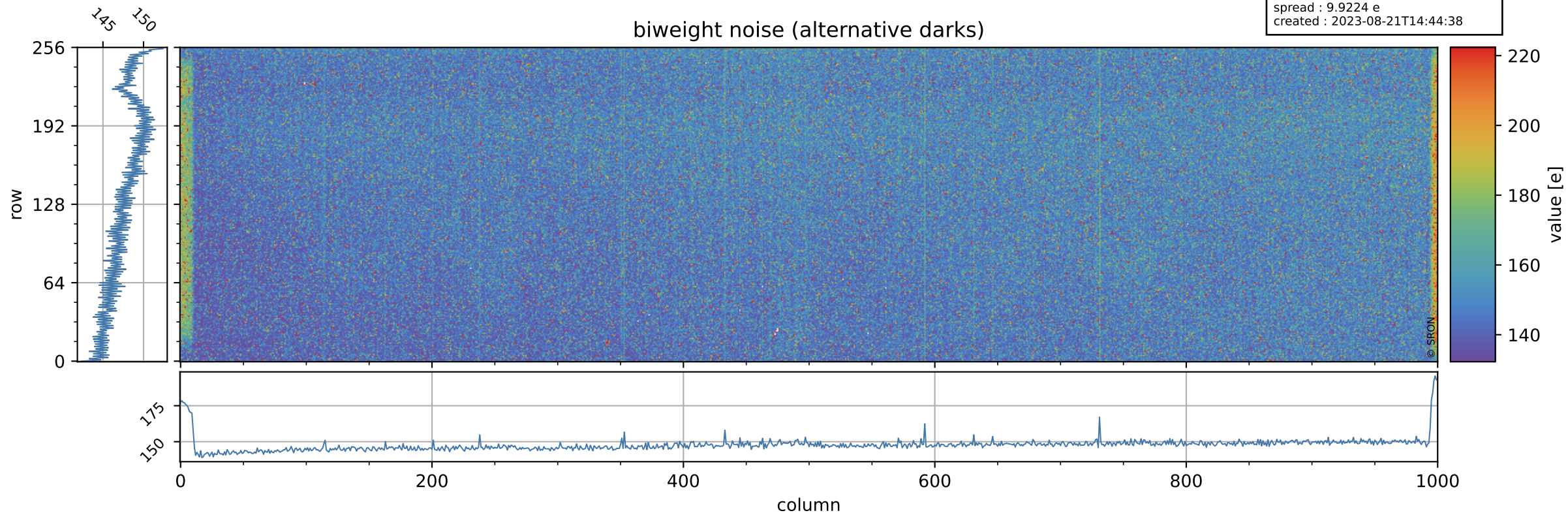
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9224 e
created : 2023-08-21T14:44:38

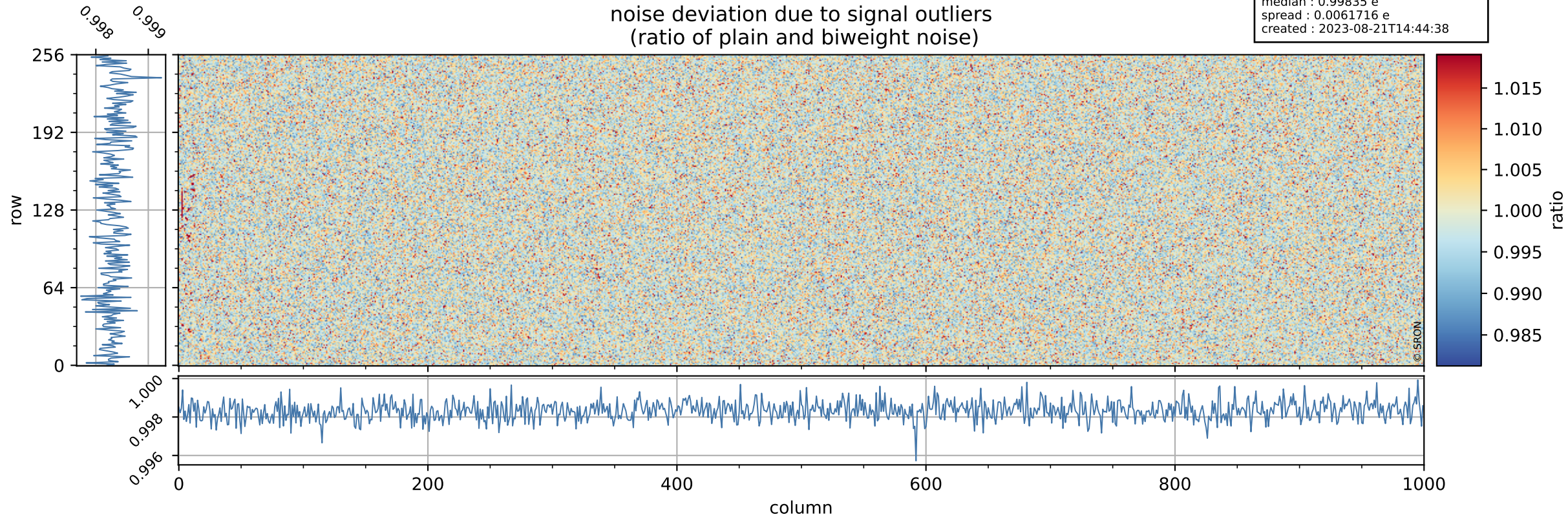
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

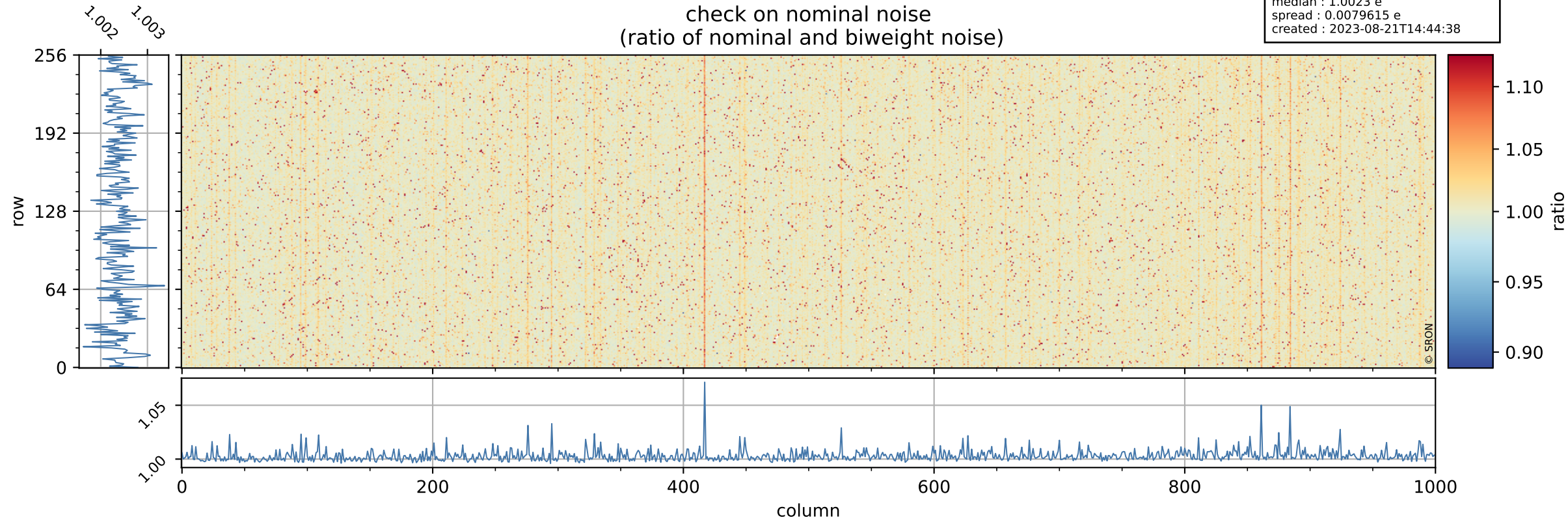
orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
median : 0.99835 e
spread : 0.0061716 e
created : 2023-08-21T14:44:38



Tropomi SWIR background noise (swir)

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

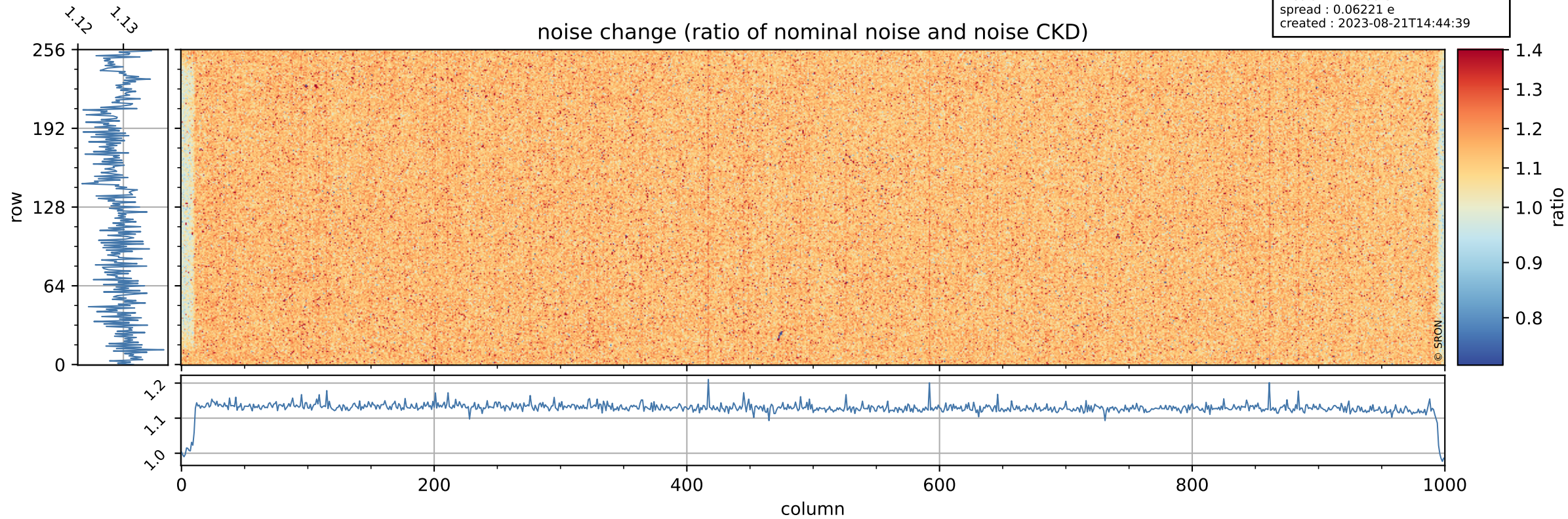
orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
median : 1.0023 e
spread : 0.0079615 e
created : 2023-08-21T14:44:38



Tropomi SWIR background noise (swir)

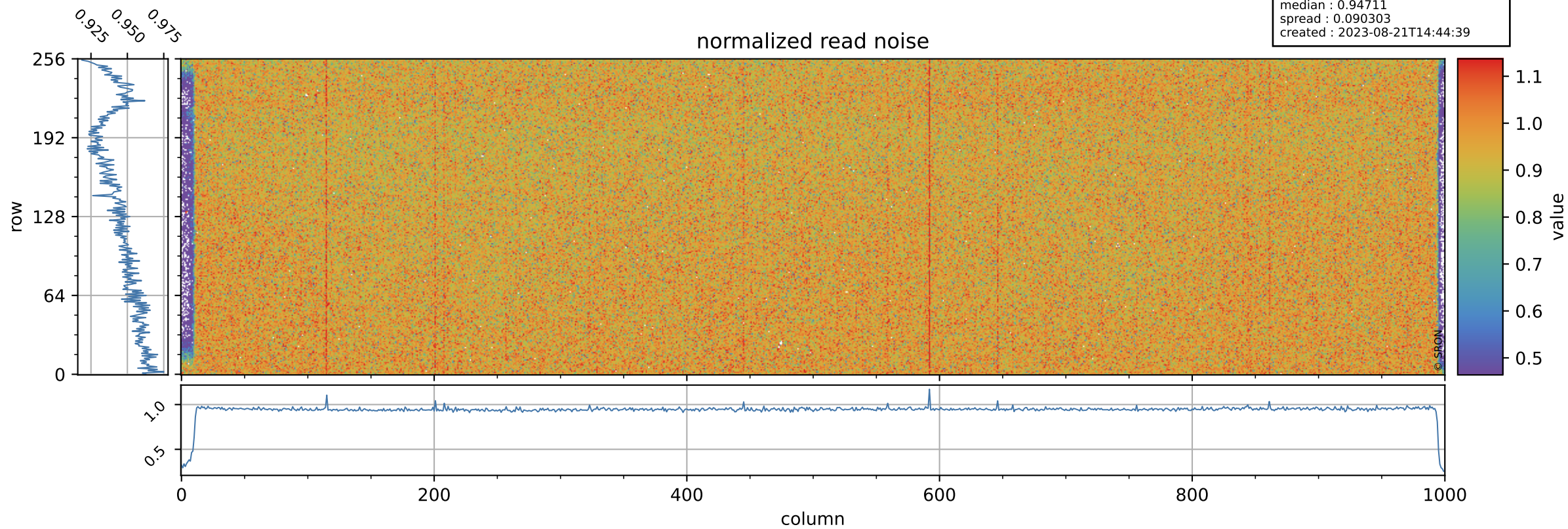
orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
median : 1.1286 e
spread : 0.06221 e
created : 2023-08-21T14:44:39

noise change (ratio of nominal noise and noise CKD)



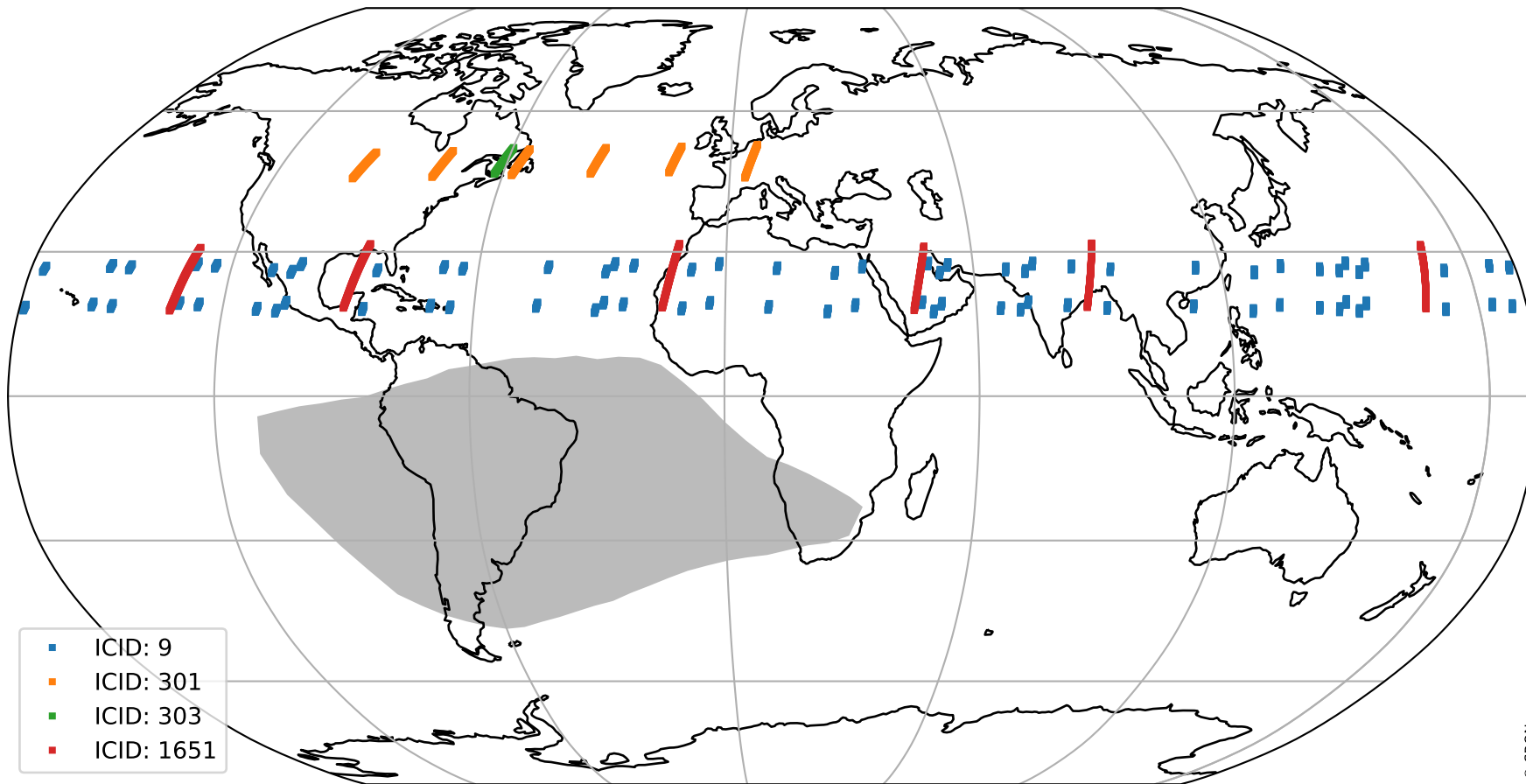
Tropomi SWIR background noise (swir)

orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
median : 0.94711
spread : 0.090303
created : 2023-08-21T14:44:39



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

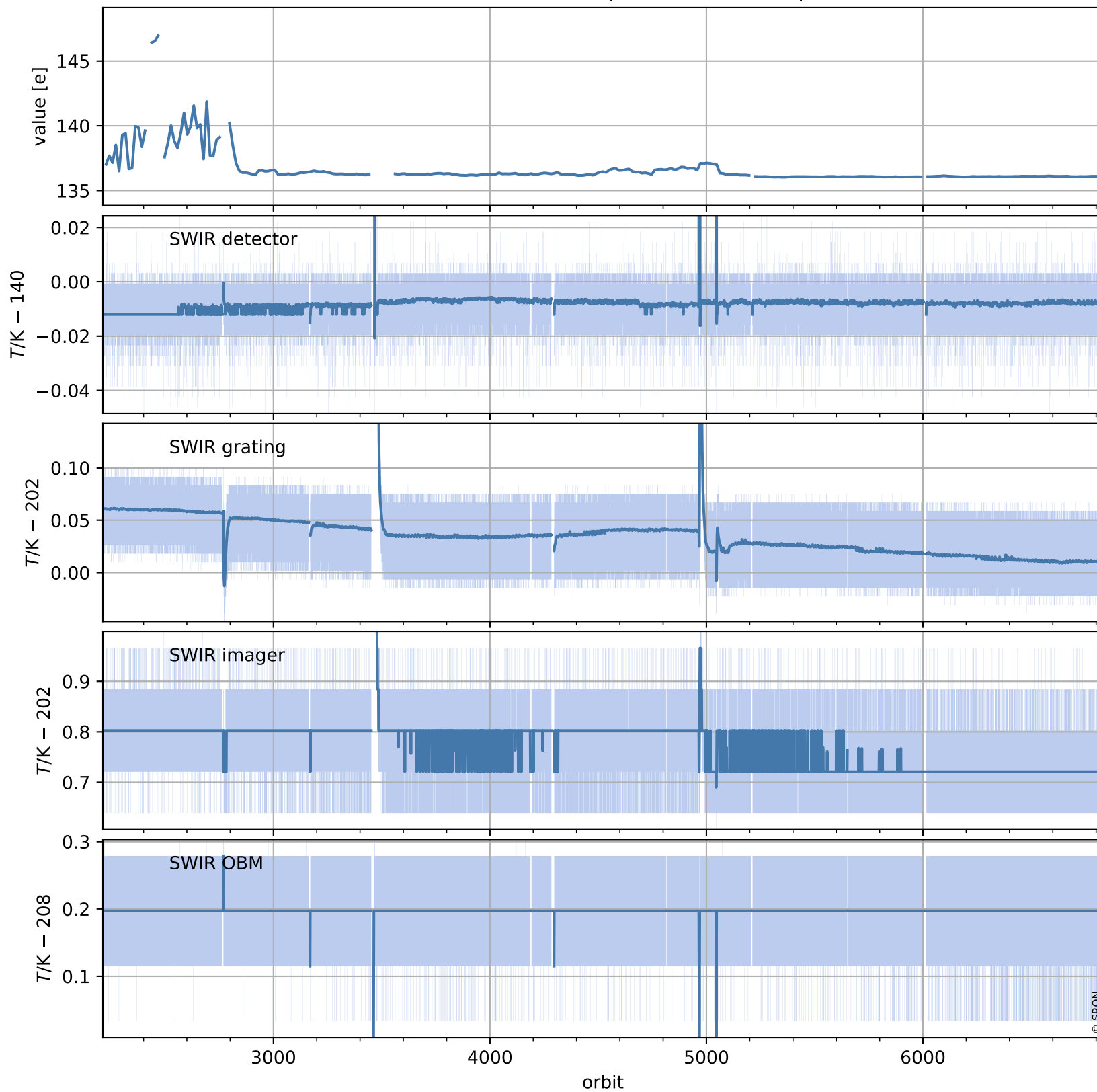
orbits : 13 in [6742, 6832]
coverage : 2019-02-01 / 2019-02-06
created : 2023-08-21T14:44:40



Tropomi SWIR background noise (swir)

orbits : [2212, 6832]
coverage : 2018-03-18 / 2019-02-06
created : 2023-08-21T14:44:40

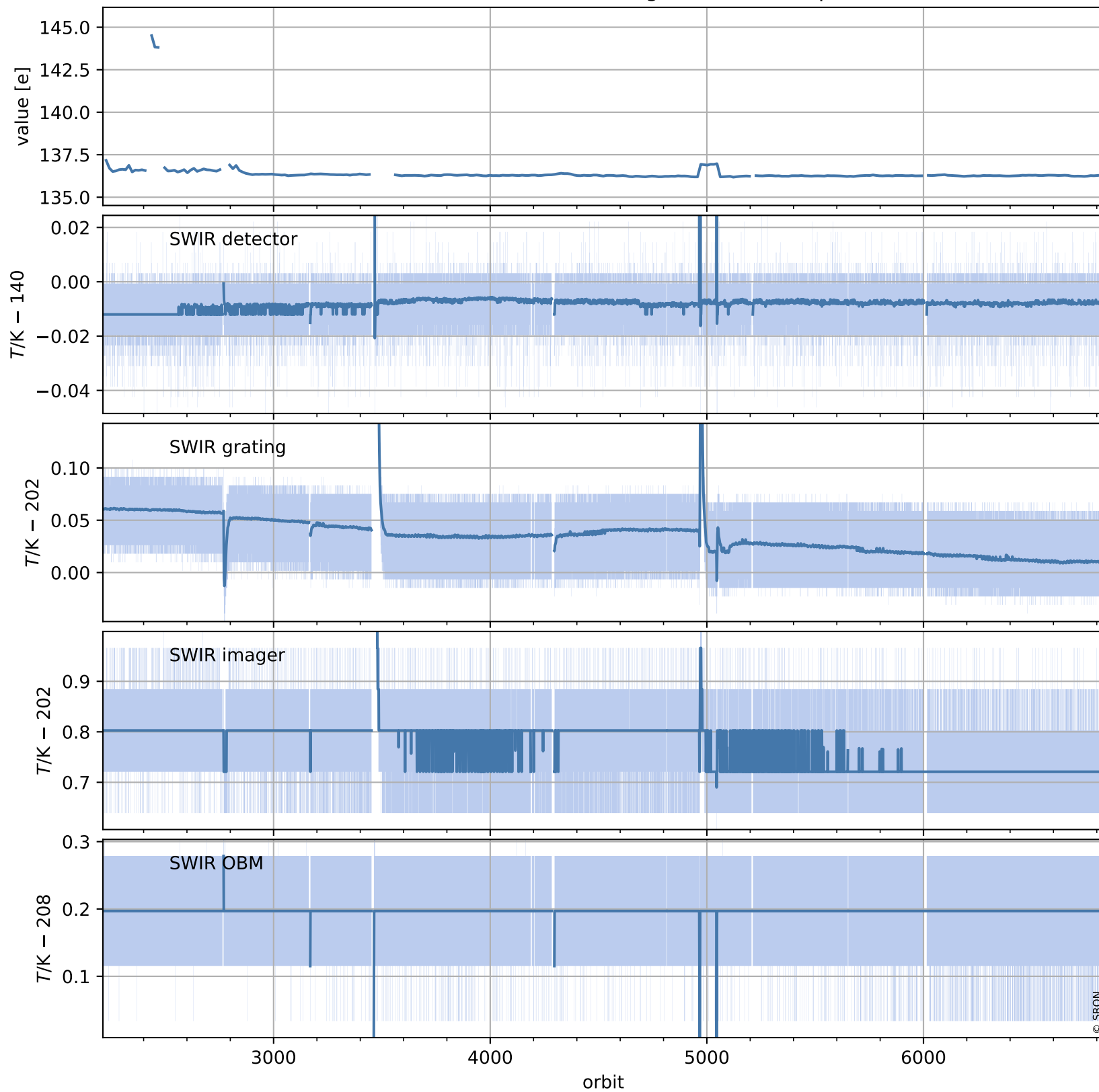
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6832]
coverage : 2018-03-18 / 2019-02-06
created : 2023-08-21T14:44:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6832]
coverage : 2018-03-18 / 2019-02-06
created : 2023-08-21T14:44:41

trend of normalized read-noise & temperatures

