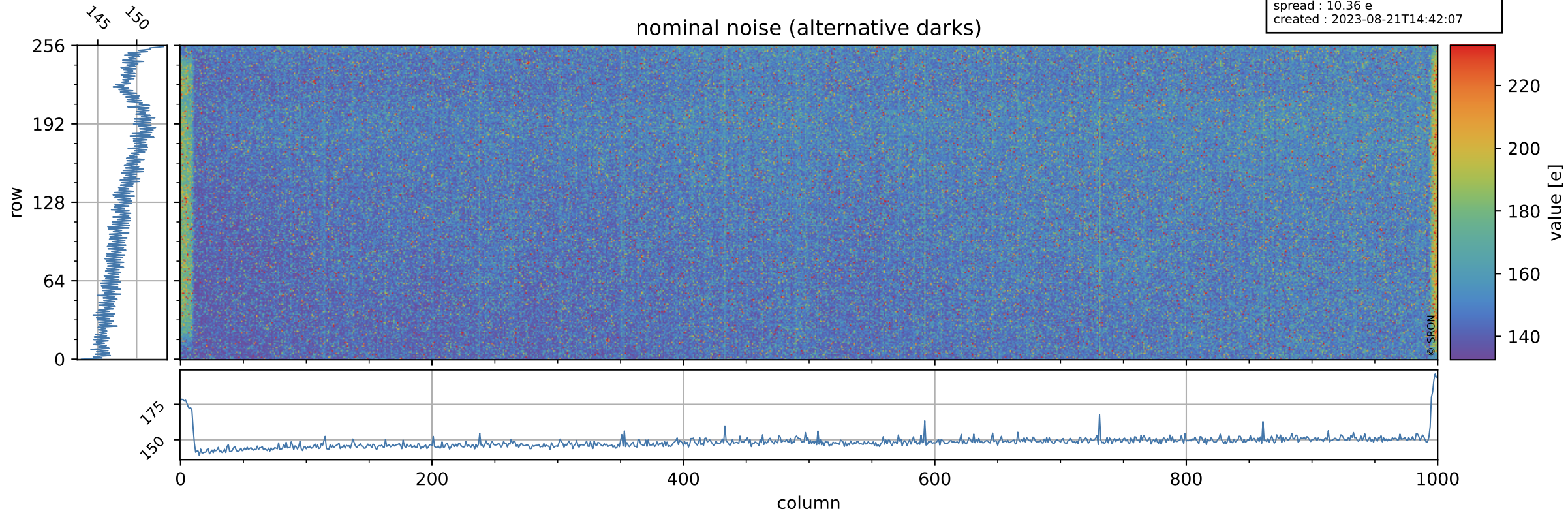


Tropomi SWIR background noise (swir)

orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.36 e
created : 2023-08-21T14:42:07

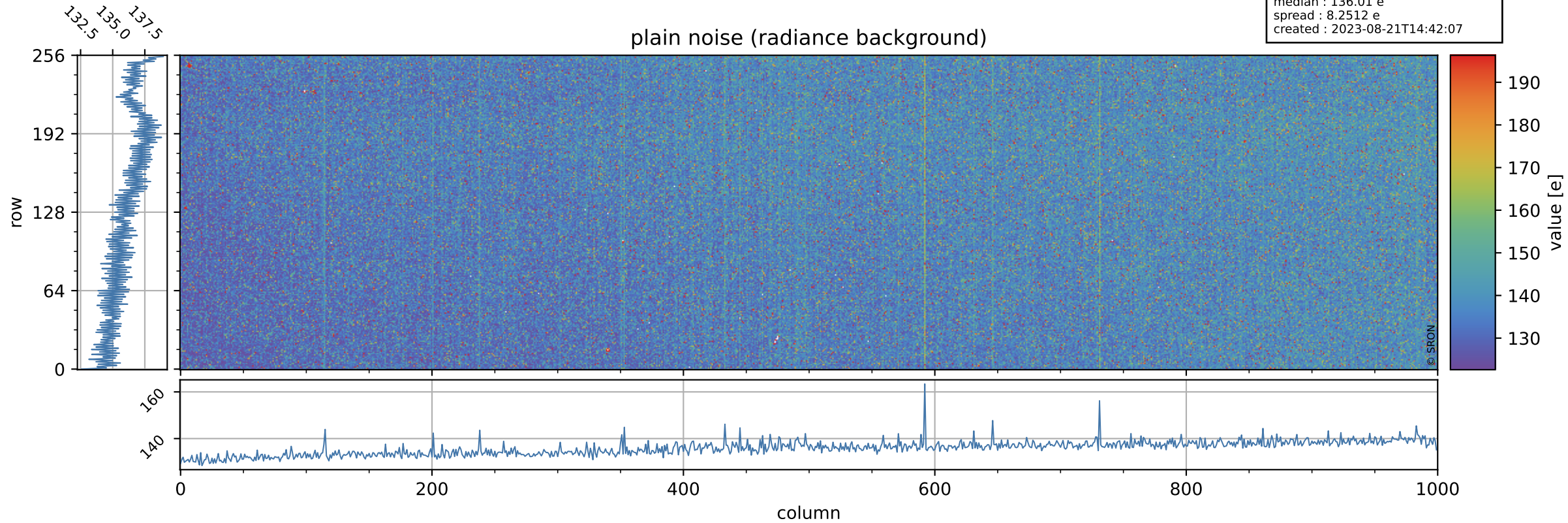
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2512 e
created : 2023-08-21T14:42:07

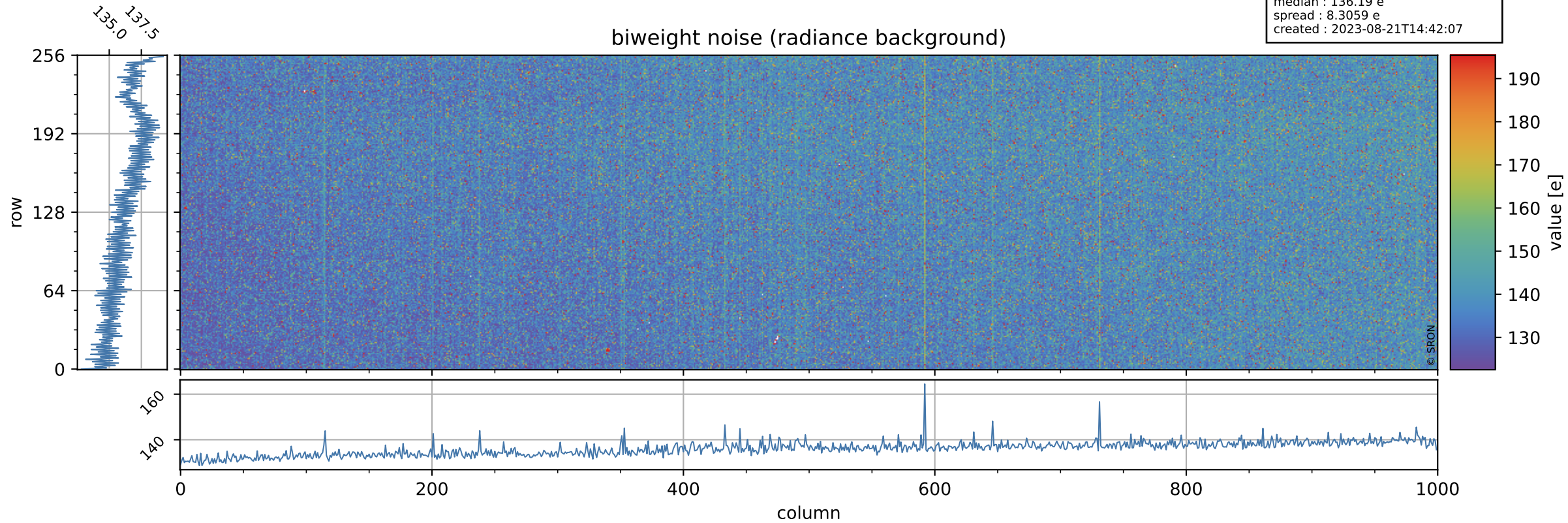
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.3059 e
created : 2023-08-21T14:42:07

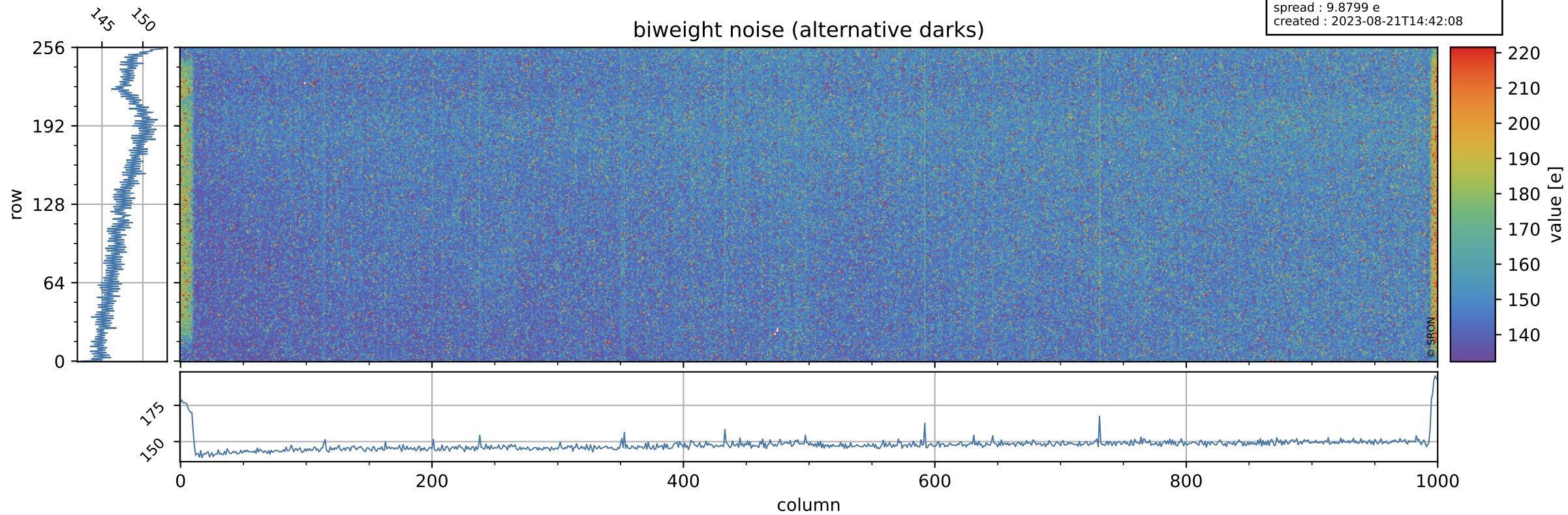
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.8799 e
created : 2023-08-21T14:42:08

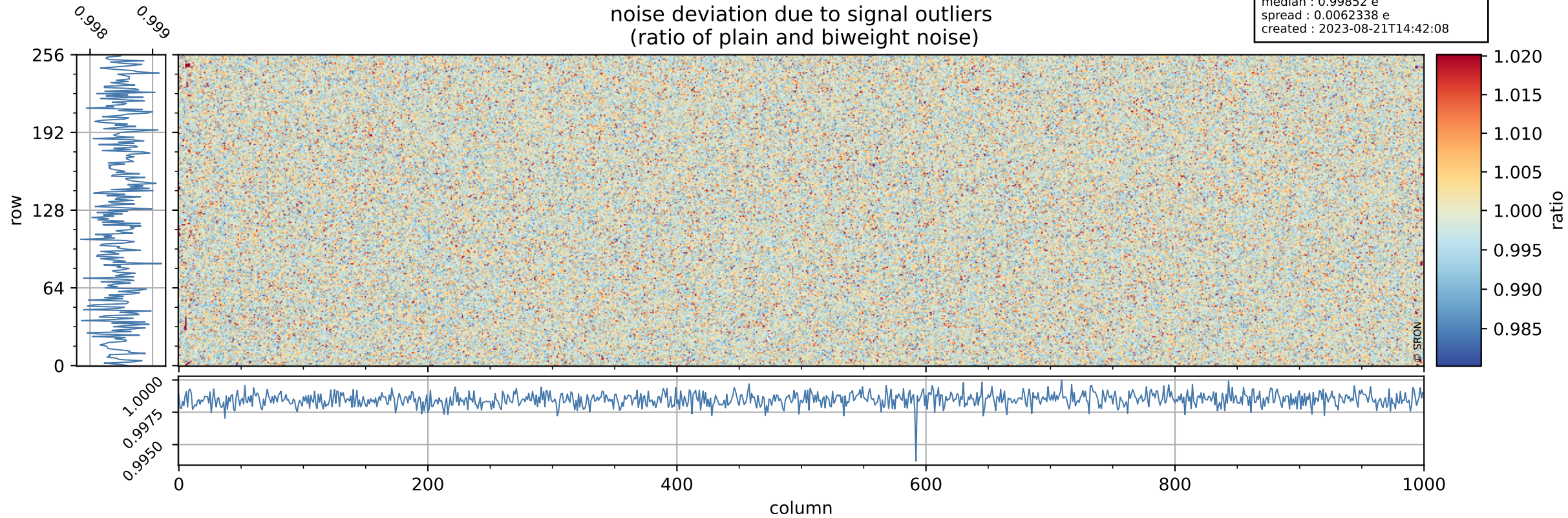
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

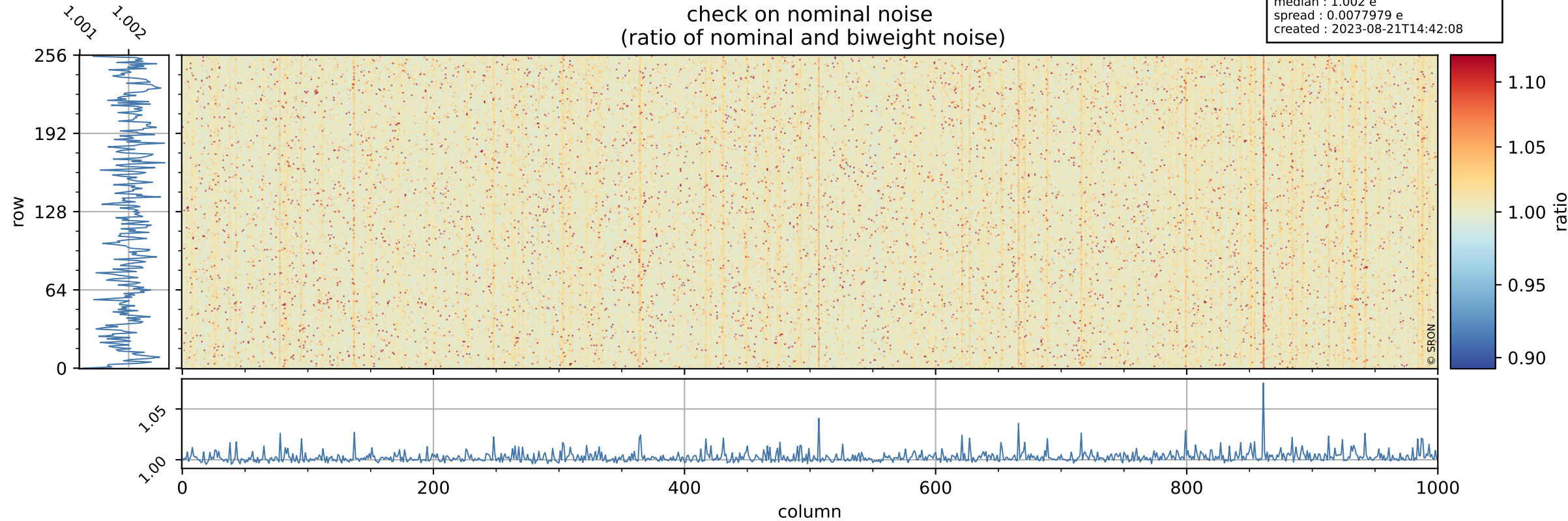
orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
median : 0.99852 e
spread : 0.0062338 e
created : 2023-08-21T14:42:08



Tropomi SWIR background noise (swir)

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

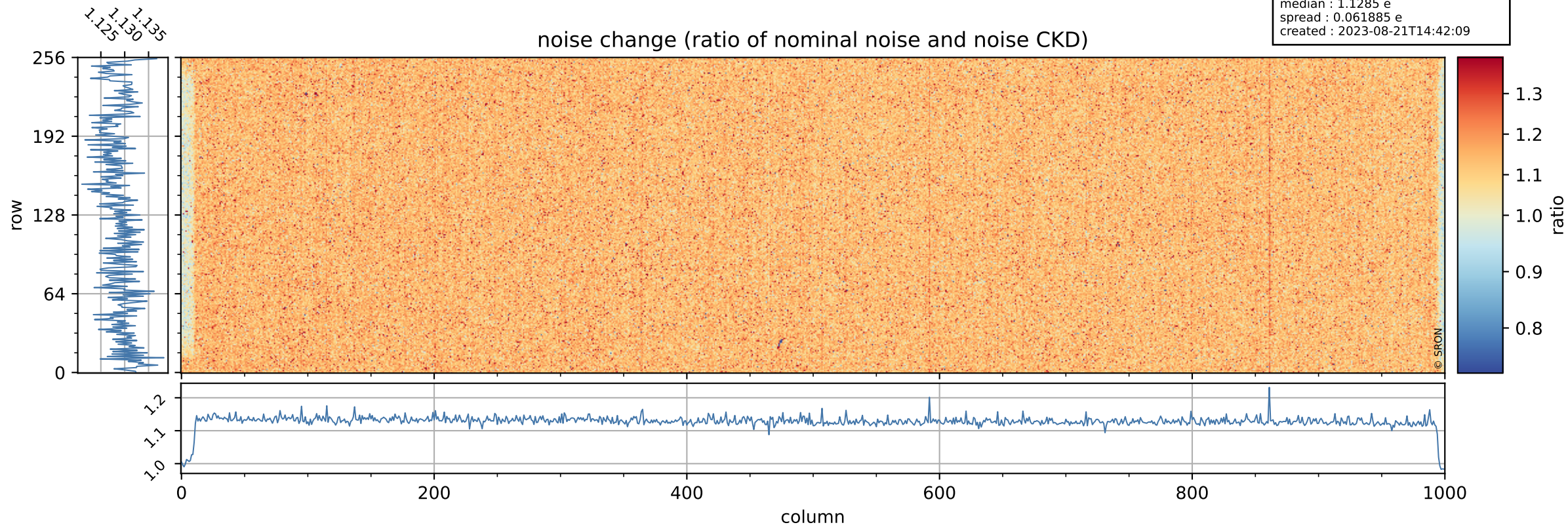
orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
median : 1.002 e
spread : 0.0077979 e
created : 2023-08-21T14:42:08



Tropomi SWIR background noise (swir)

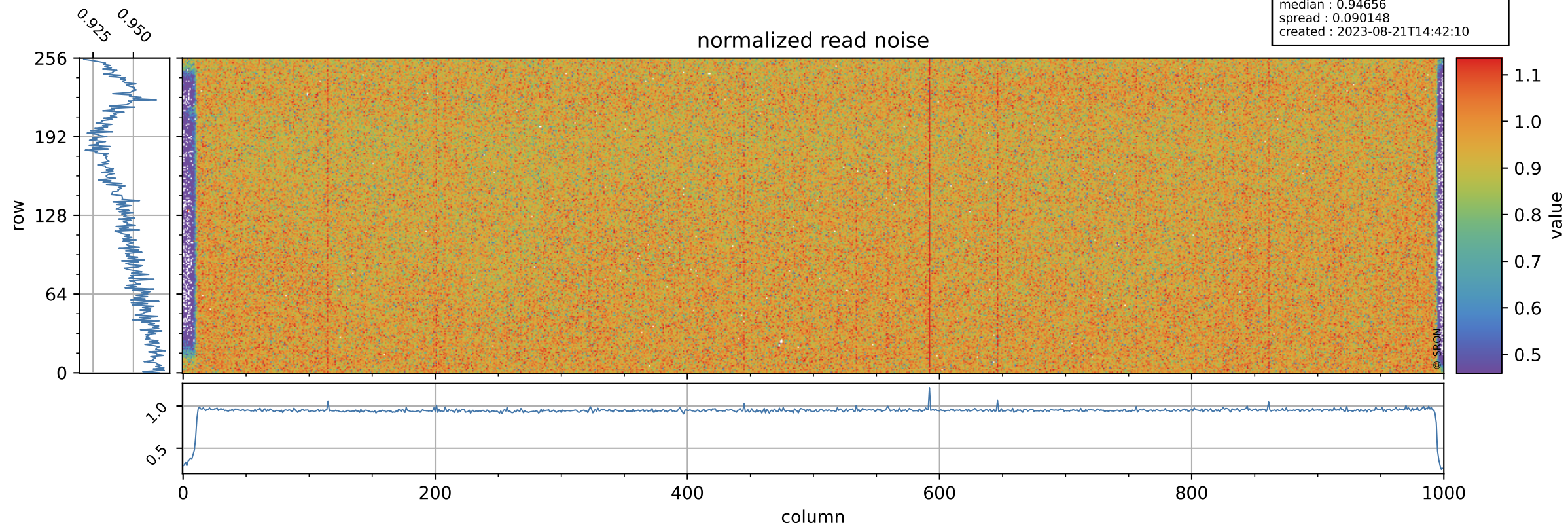
orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
median : 1.1285 e
spread : 0.061885 e
created : 2023-08-21T14:42:09

noise change (ratio of nominal noise and noise CKD)



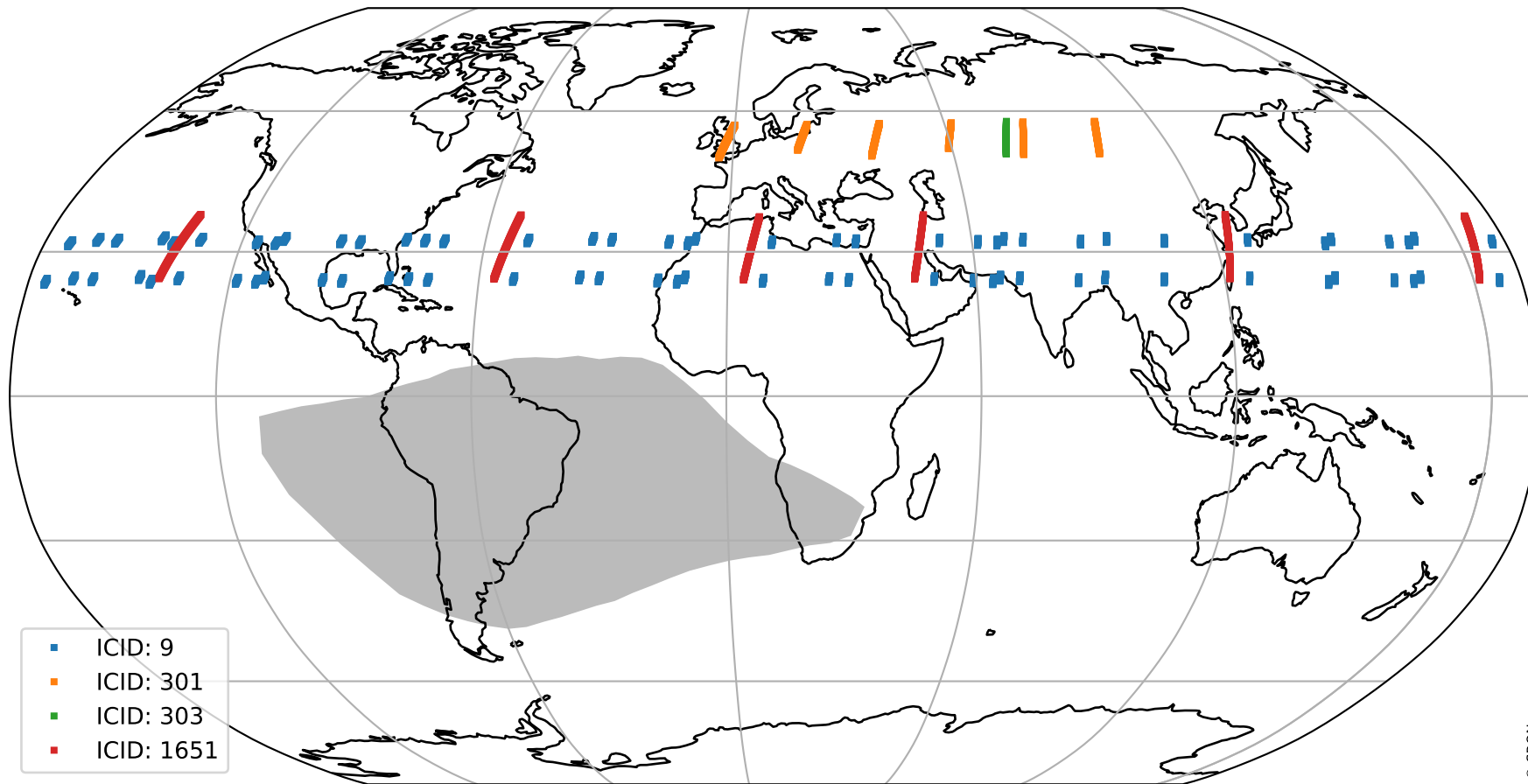
Tropomi SWIR background noise (swir)

orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
median : 0.94656
spread : 0.090148
created : 2023-08-21T14:42:10



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

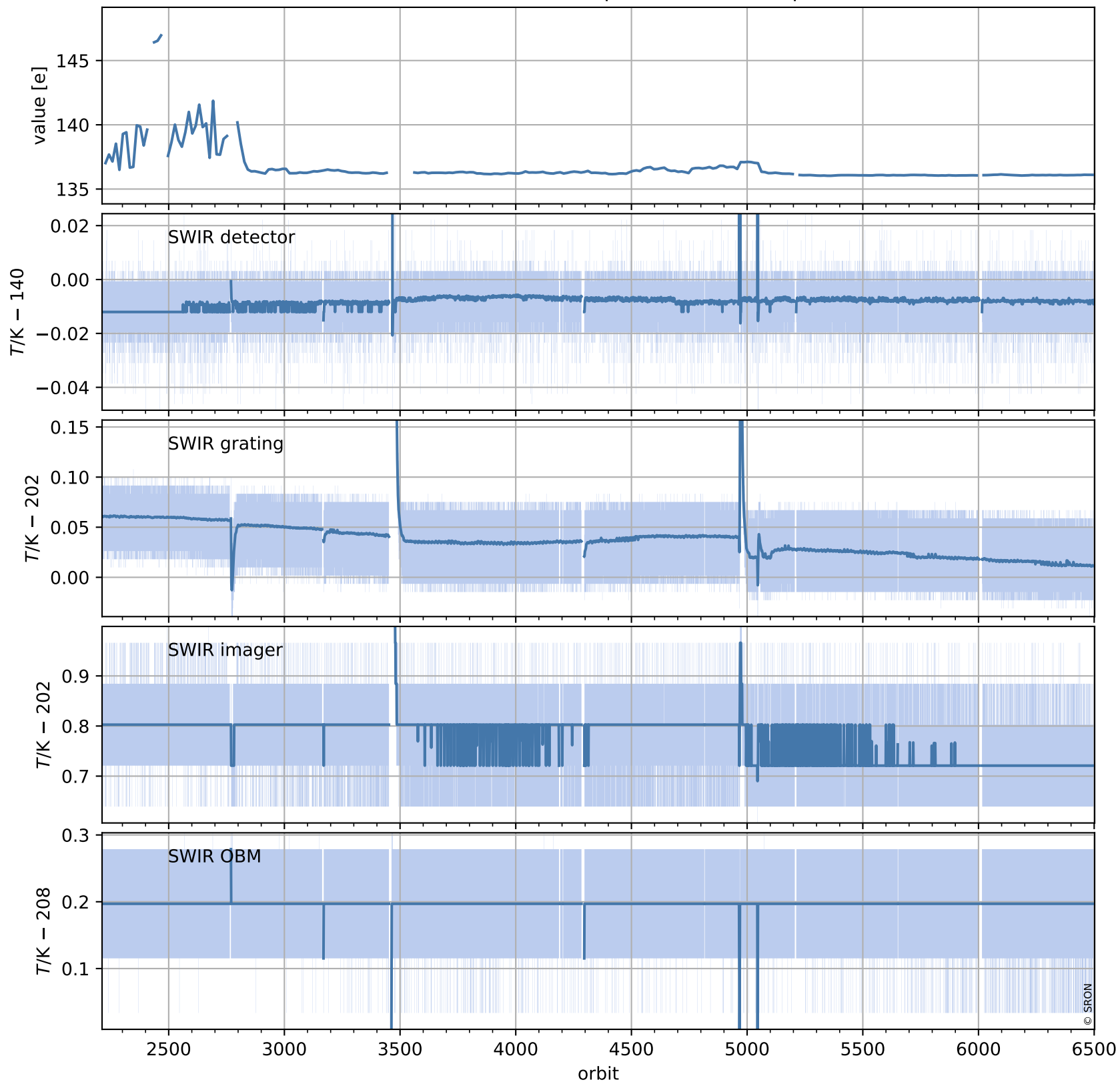
orbits : 13 in [6427, 6502]
coverage : 2019-01-08 / 2019-01-14
created : 2023-08-21T14:42:10



Tropomi SWIR background noise (swir)

orbits : [2212, 6502]
coverage : 2018-03-18 / 2019-01-14
created : 2023-08-21T14:42:11

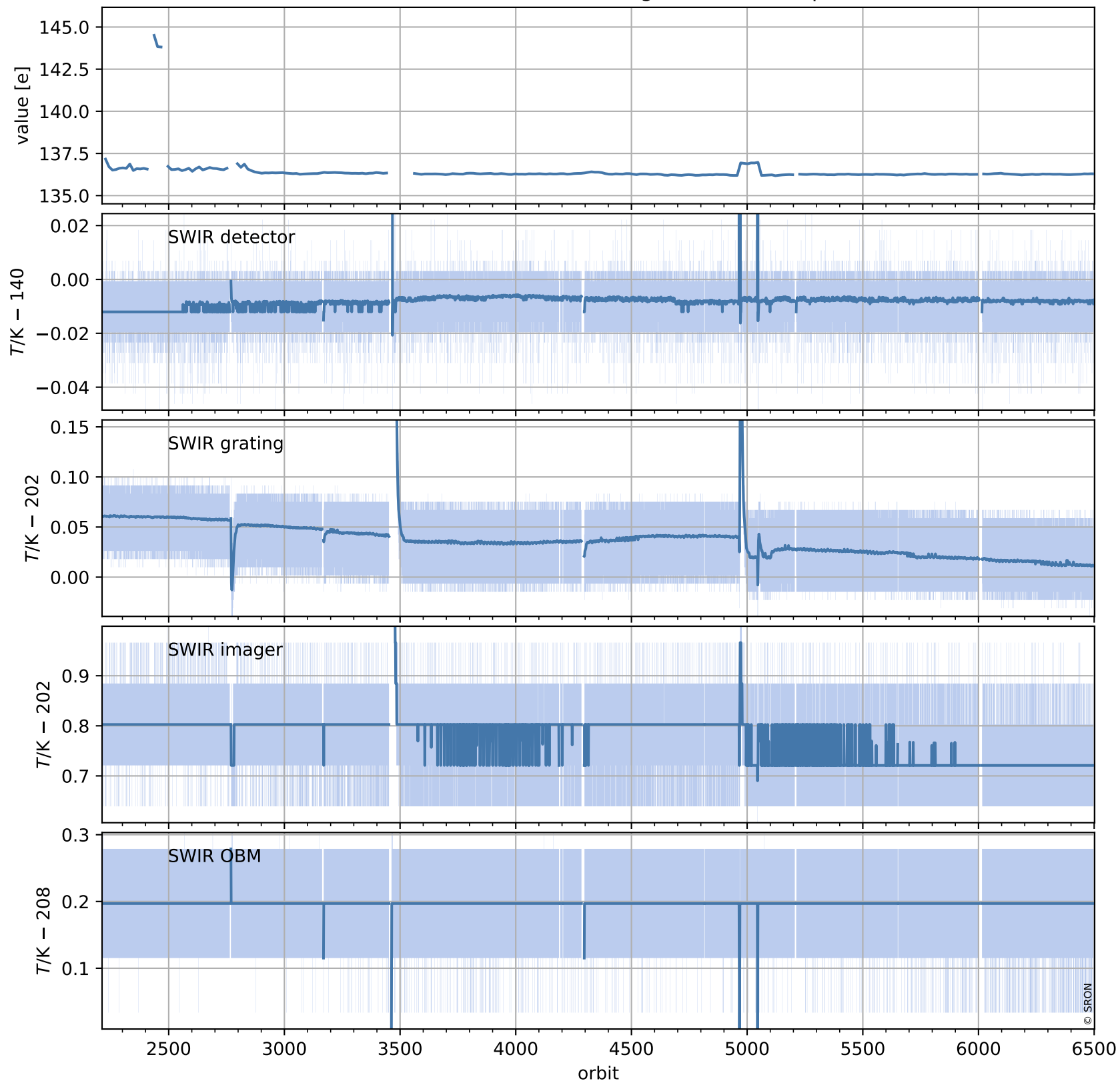
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6502]
coverage : 2018-03-18 / 2019-01-14
created : 2023-08-21T14:42:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6502]
coverage : 2018-03-18 / 2019-01-14
created : 2023-08-21T14:42:12

trend of normalized read-noise & temperatures

