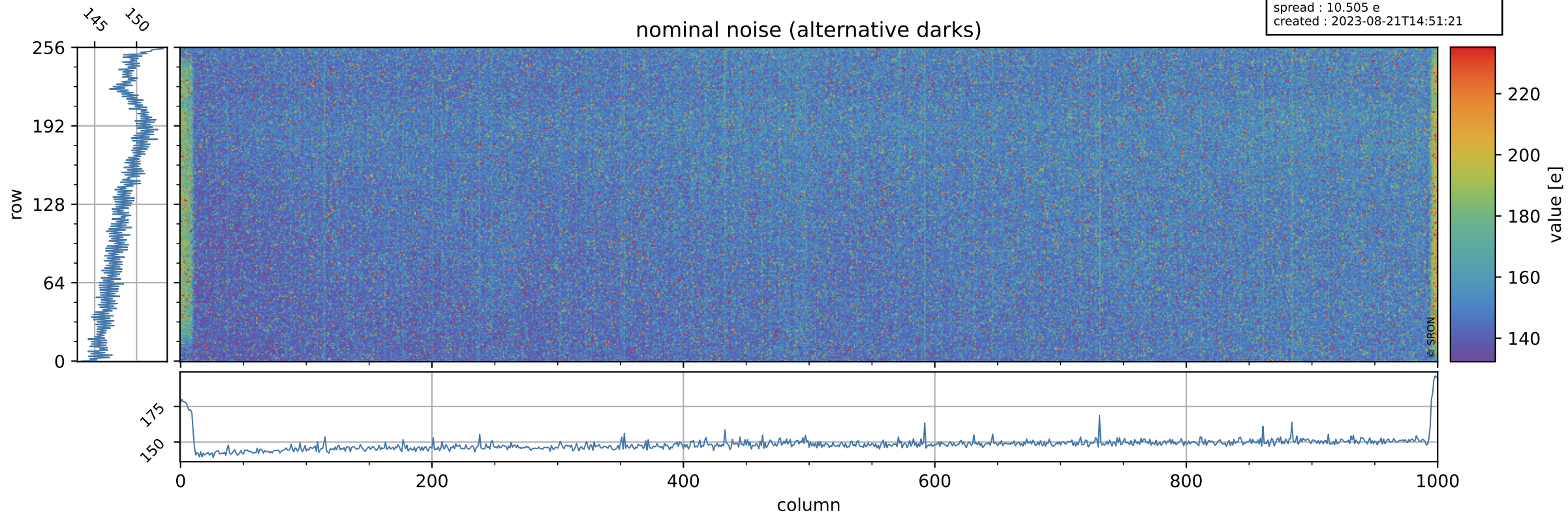


Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.505 e
created : 2023-08-21T14:51:21

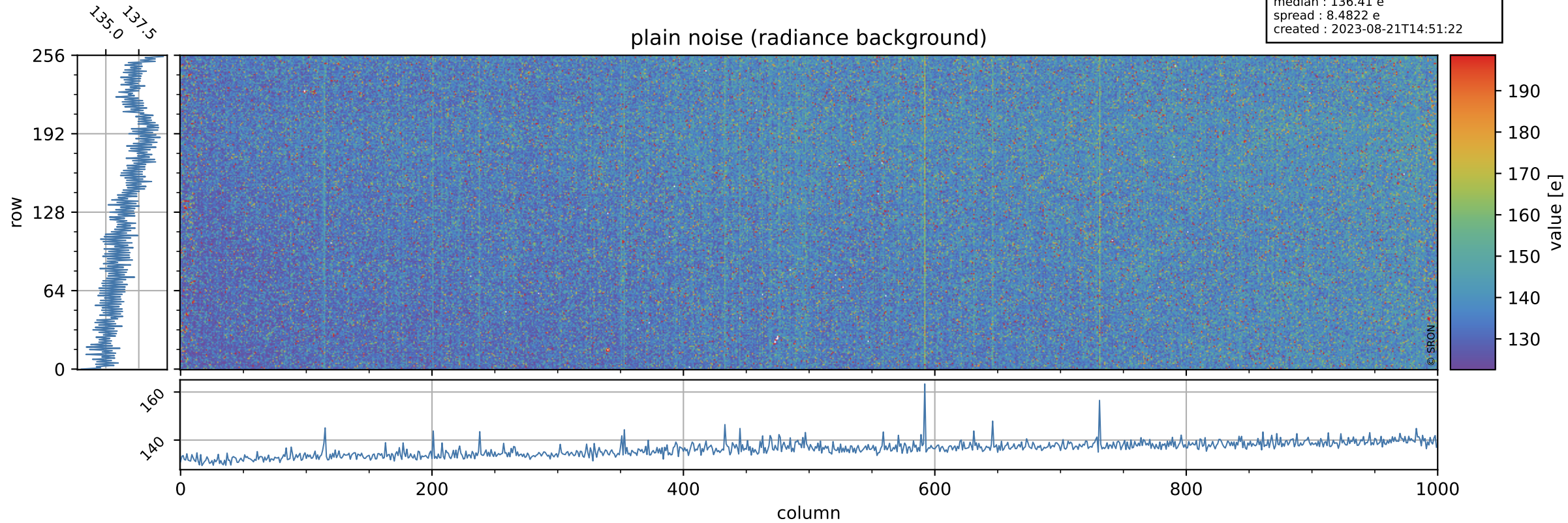
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
n_coad, t_exp : 2, 0.5383
median : 136.41 e
spread : 8.4822 e
created : 2023-08-21T14:51:22

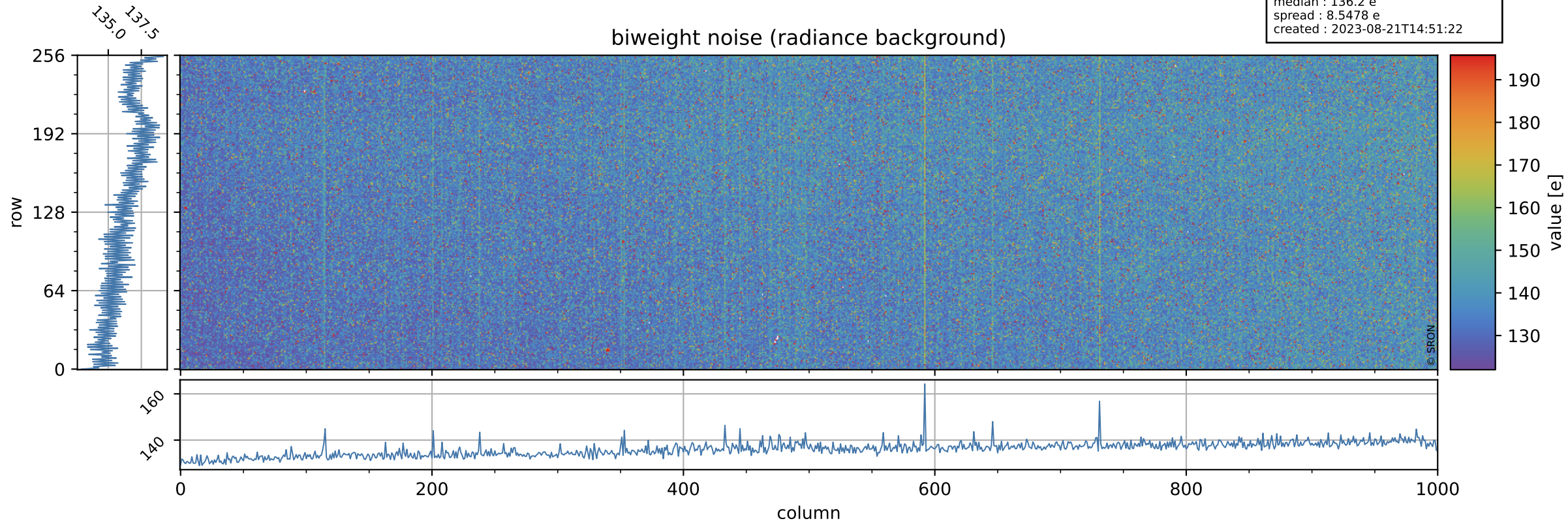
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.5478 e
created : 2023-08-21T14:51:22

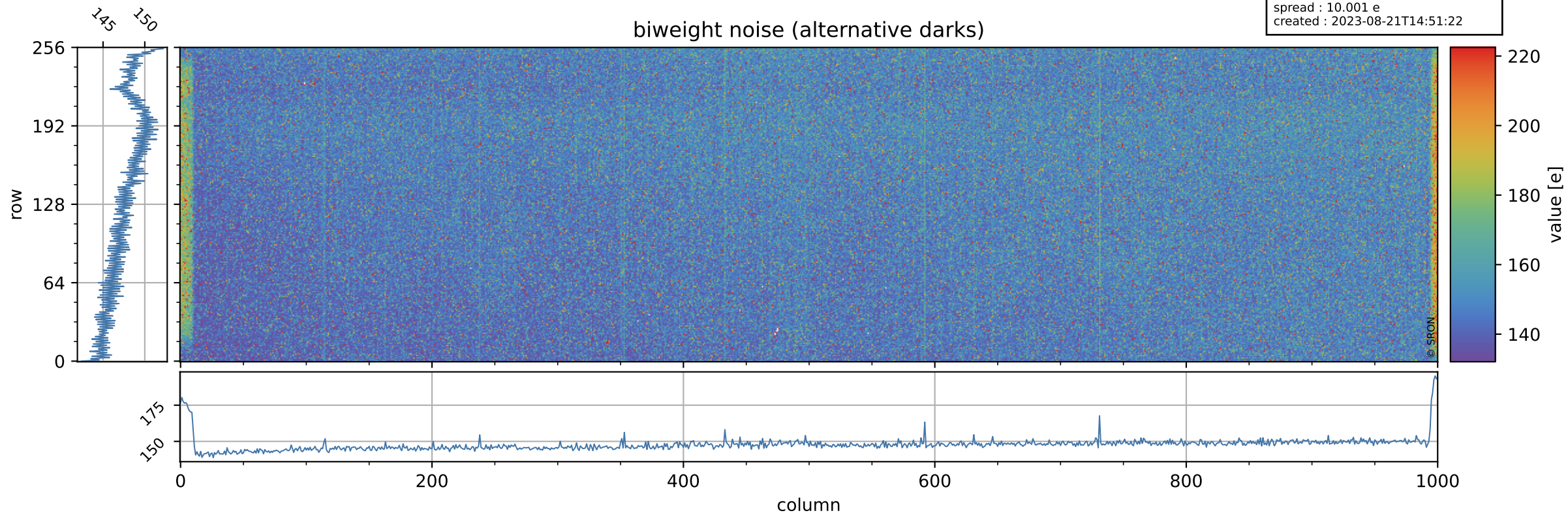
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.001 e
created : 2023-08-21T14:51:22

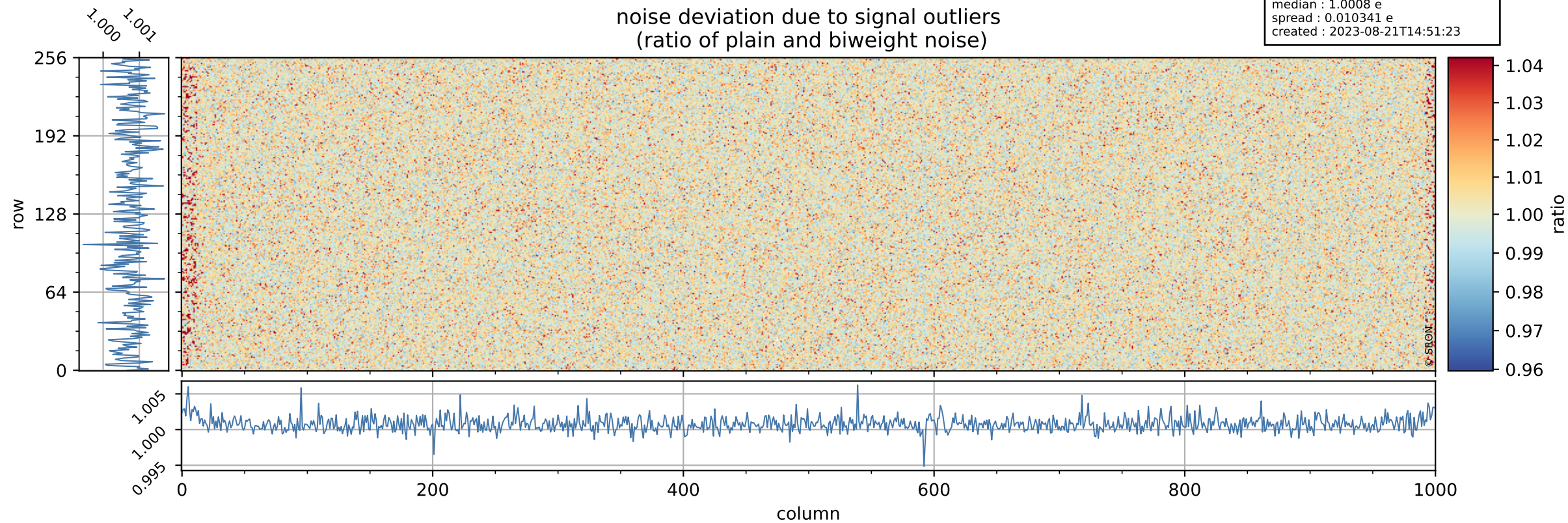
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

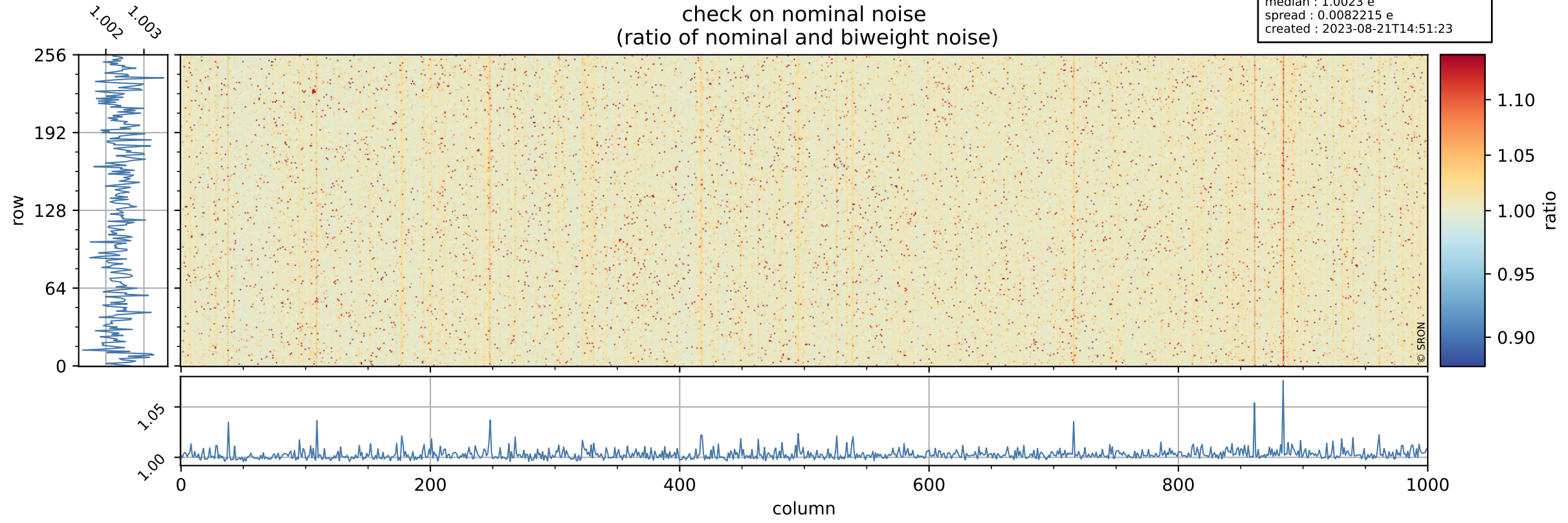
orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
median : 1.0008 e
spread : 0.010341 e
created : 2023-08-21T14:51:23



Tropomi SWIR background noise (swir)

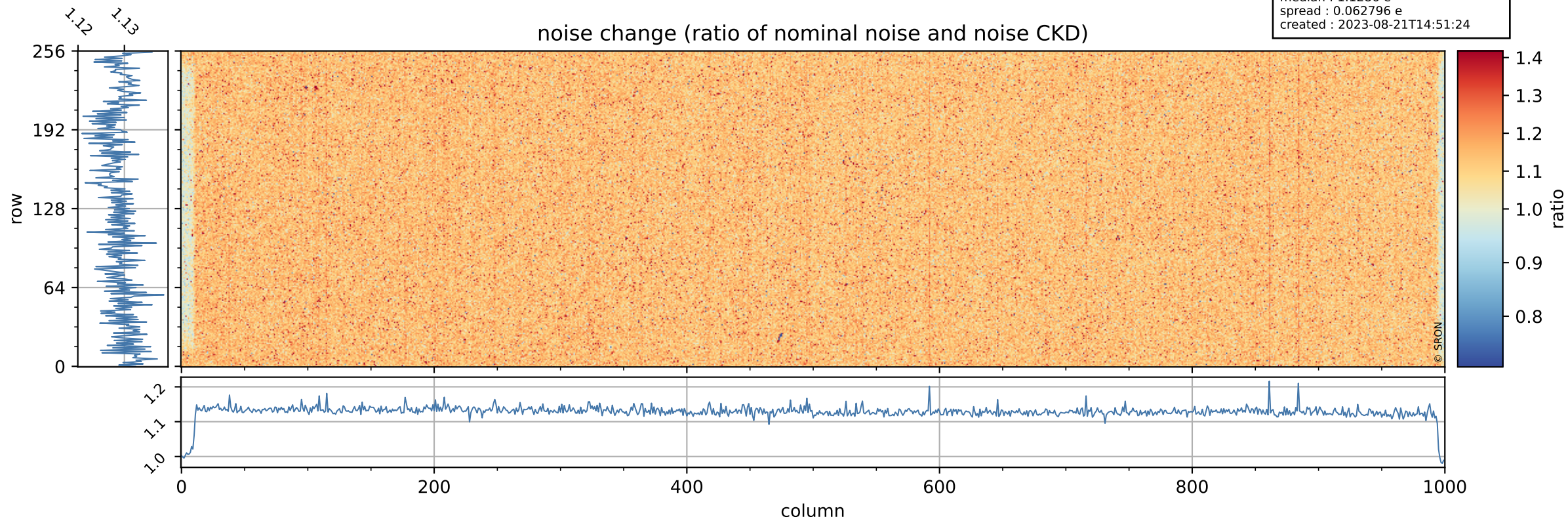
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
median : 1.0023 e
spread : 0.0082215 e
created : 2023-08-21T14:51:23



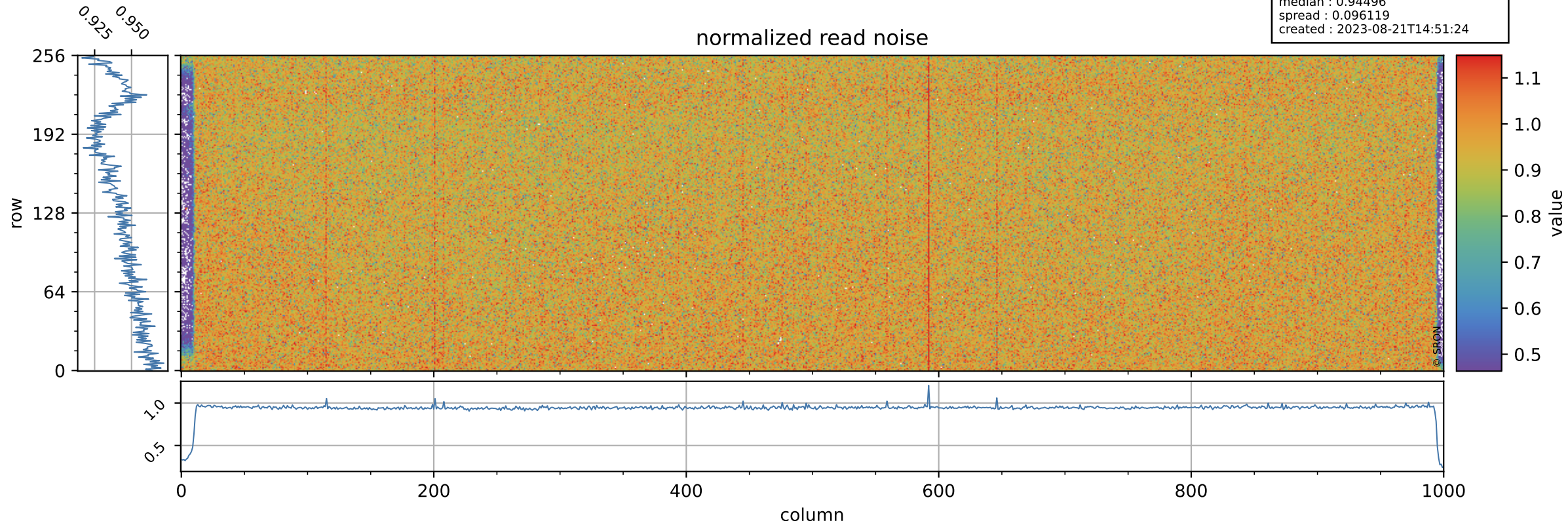
Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
median : 1.1286 e
spread : 0.062796 e
created : 2023-08-21T14:51:24



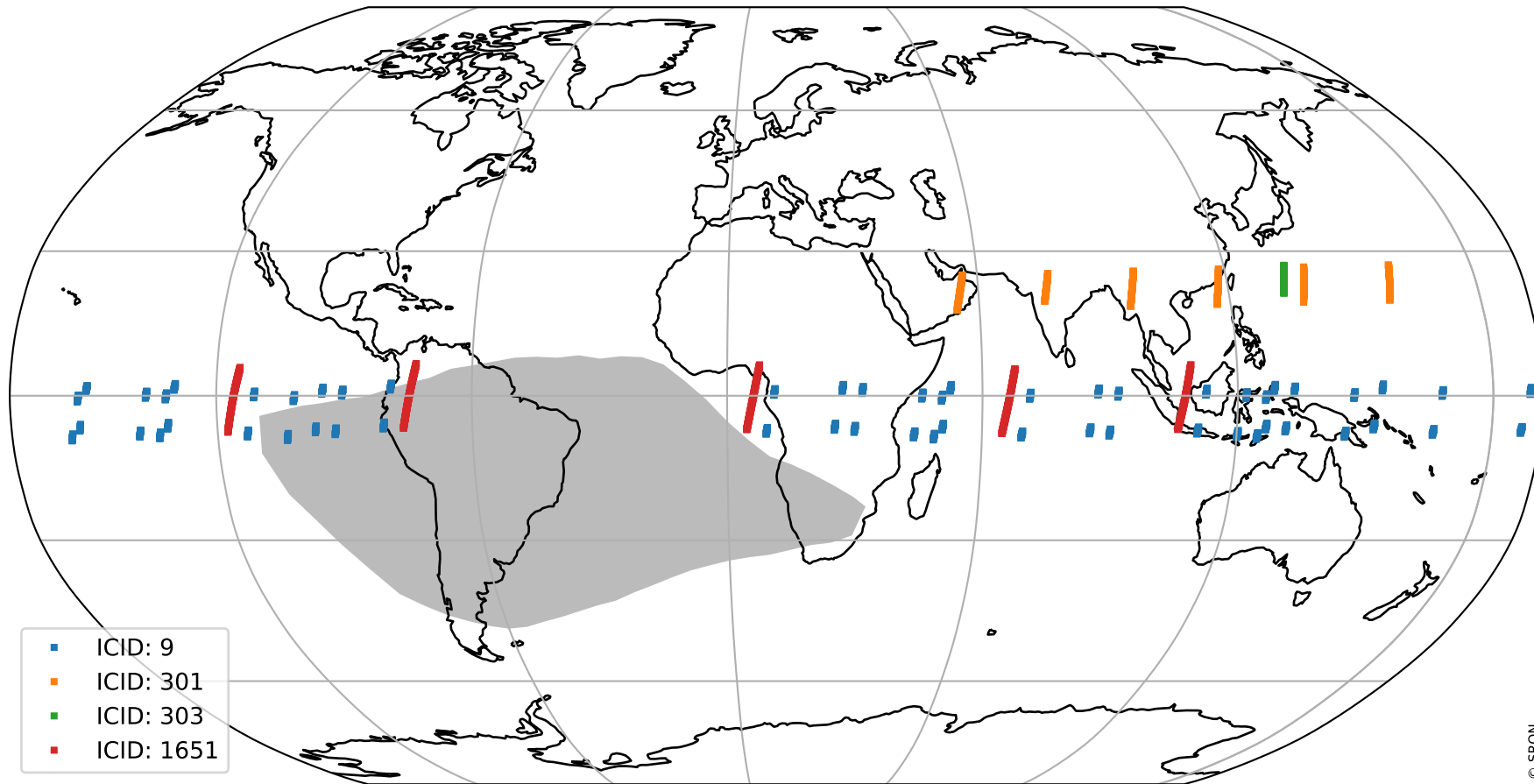
Tropomi SWIR background noise (swir)

orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
median : 0.94496
spread : 0.096119
created : 2023-08-21T14:51:24



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

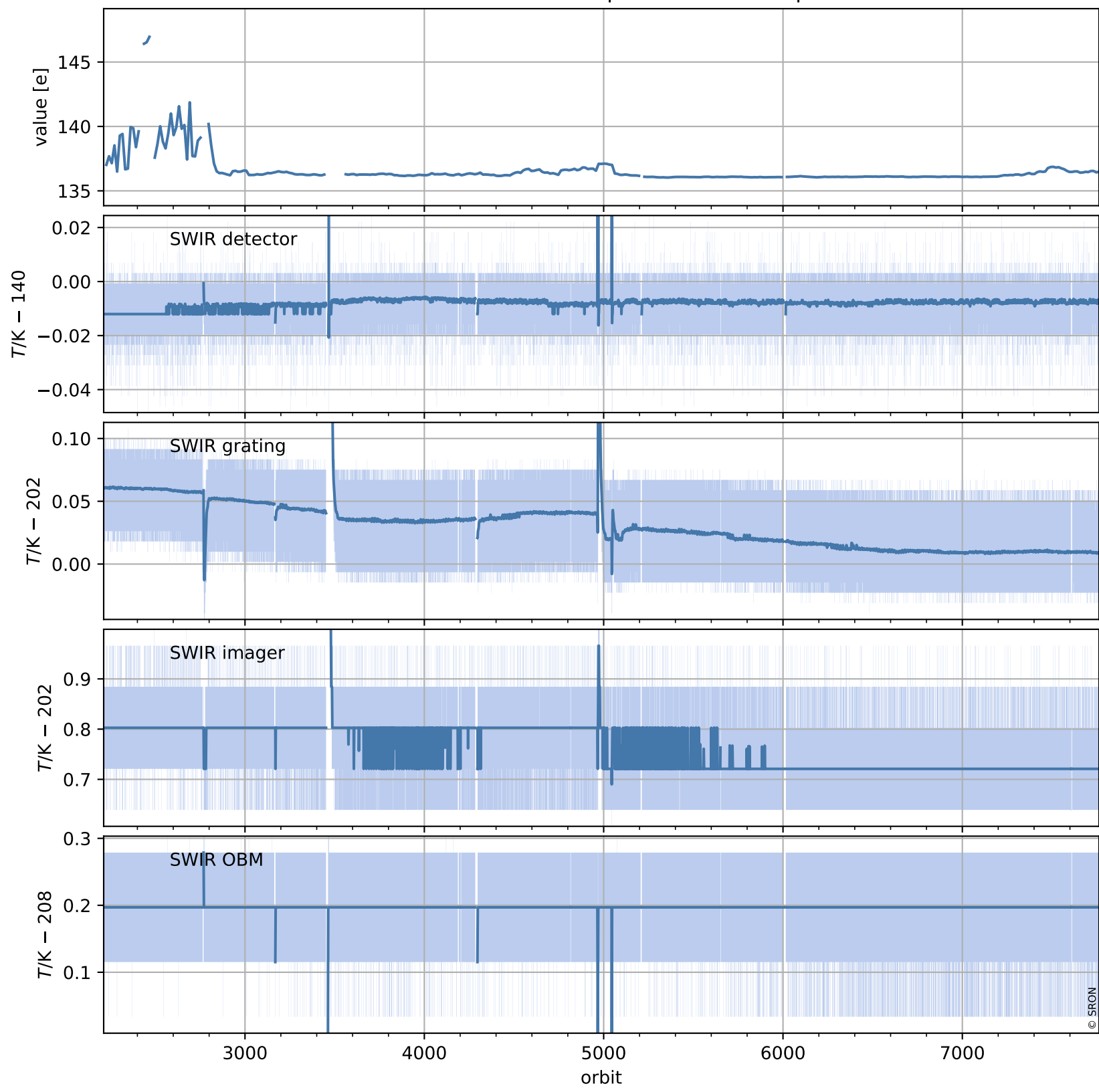
orbits : 12 in [7687, 7762]
coverage : 2019-04-07 / 2019-04-12
created : 2023-08-21T14:51:24



Tropomi SWIR background noise (swir)

orbits : [2212, 7762]
coverage : 2018-03-18 / 2019-04-12
created : 2023-08-21T14:51:25

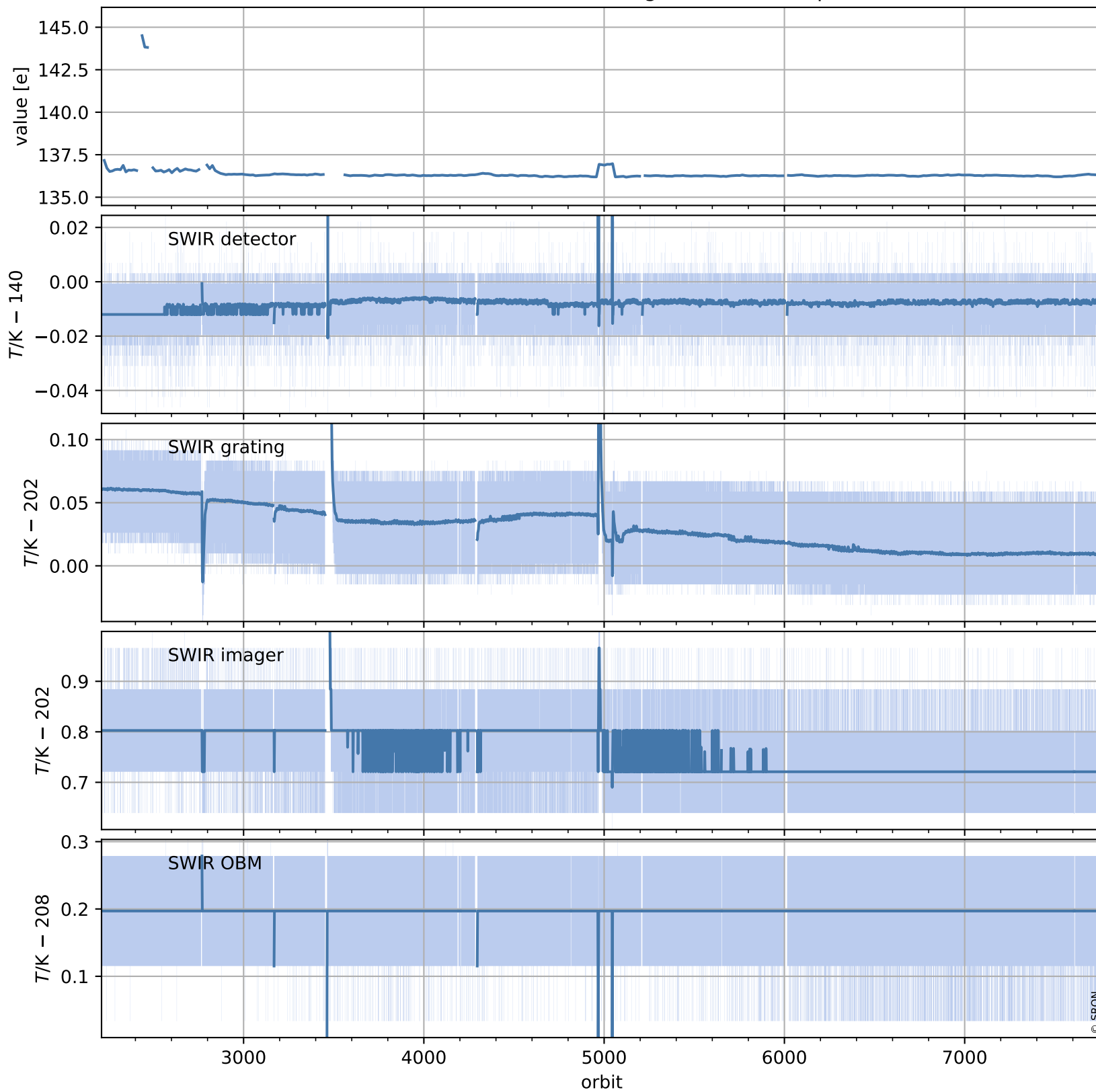
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7762]
coverage : 2018-03-18 / 2019-04-12
created : 2023-08-21T14:51:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7762]
coverage : 2018-03-18 / 2019-04-12
created : 2023-08-21T14:51:26

trend of normalized read-noise & temperatures

