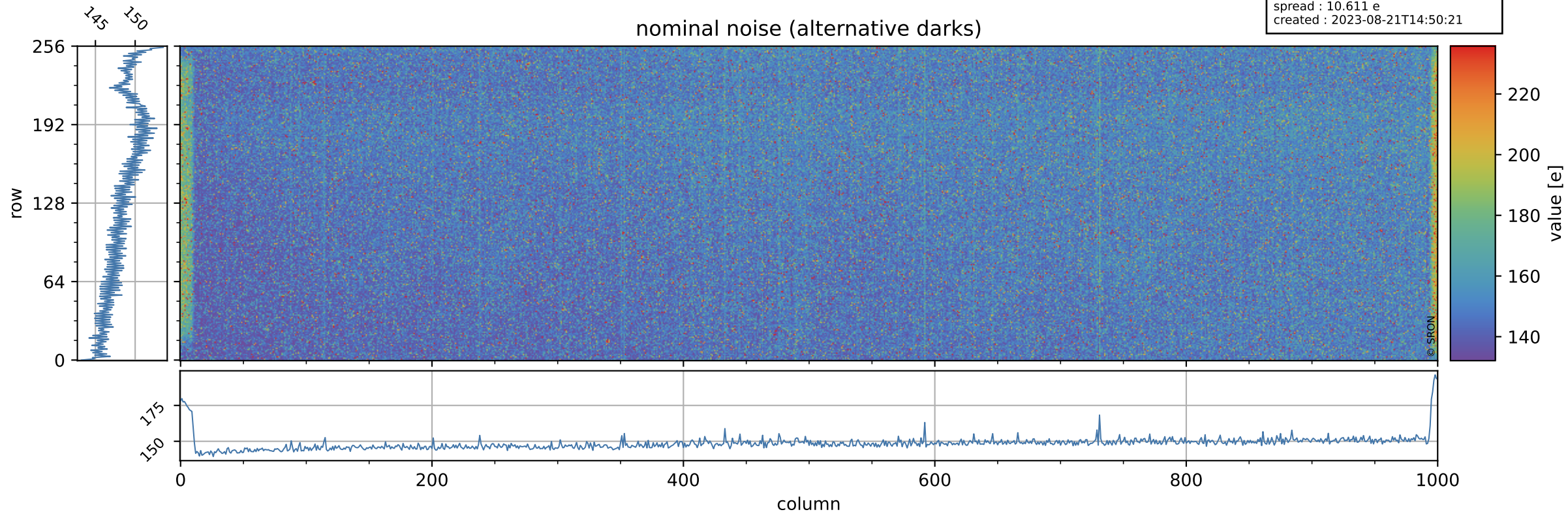


Tropomi SWIR background noise (swir)

orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.611 e
created : 2023-08-21T14:50:21

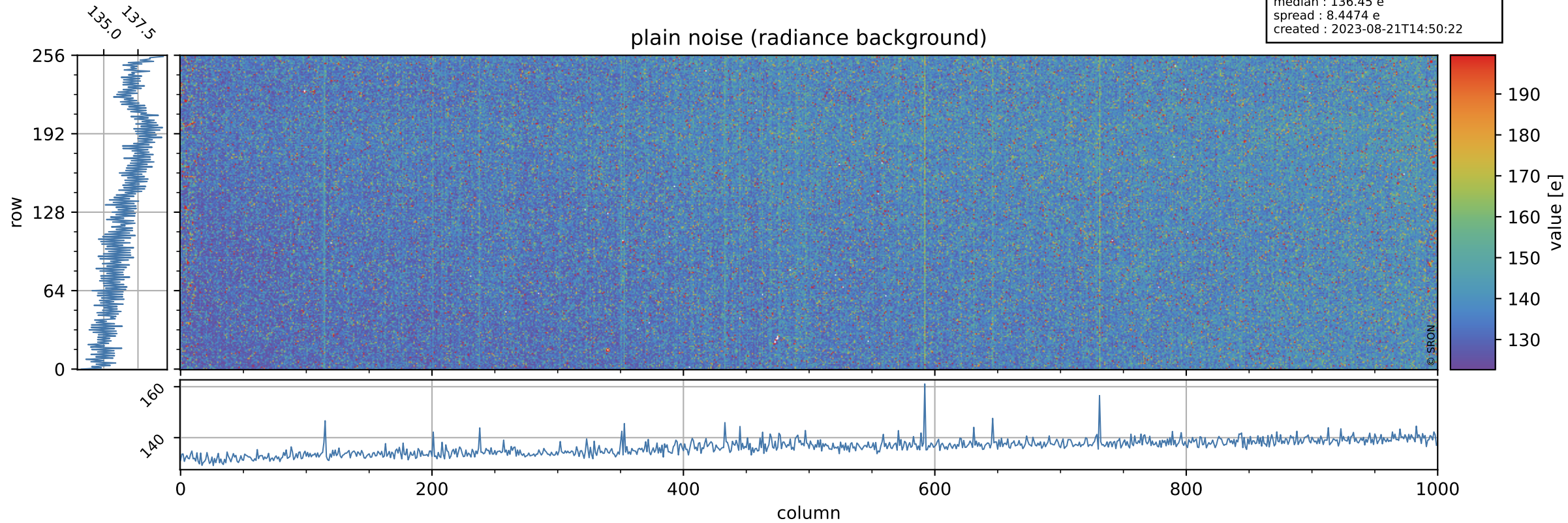
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
n_coad, t_exp : 2, 0.5383
median : 136.45 e
spread : 8.4474 e
created : 2023-08-21T14:50:22

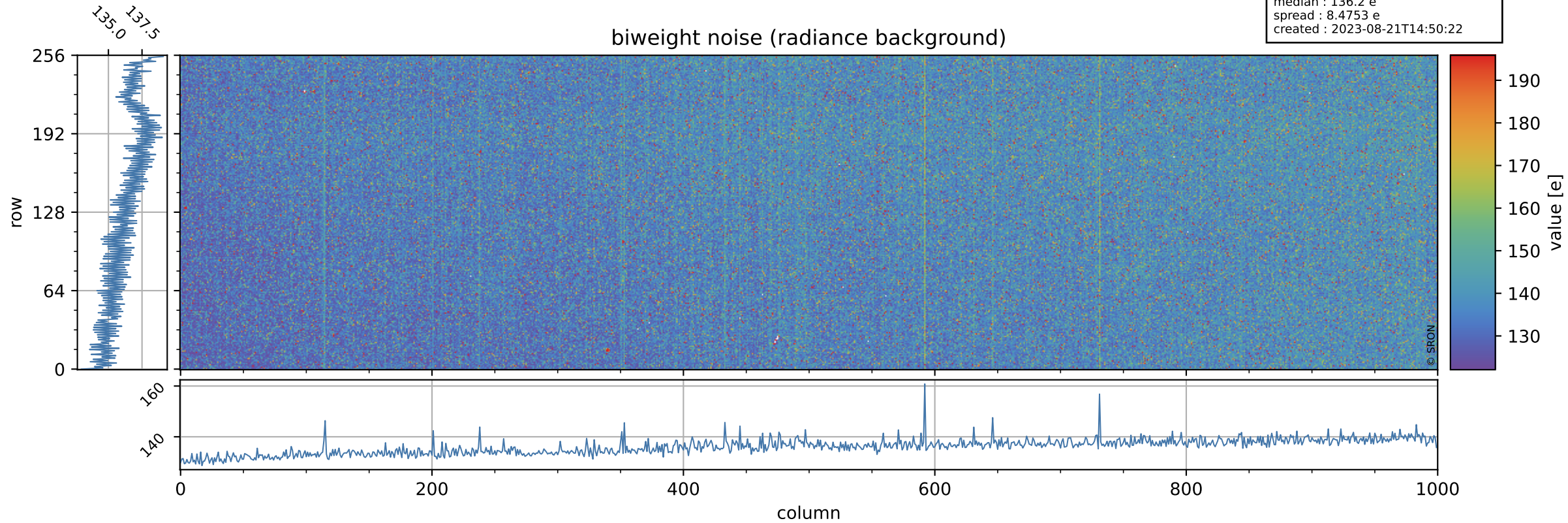
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.4753 e
created : 2023-08-21T14:50:22

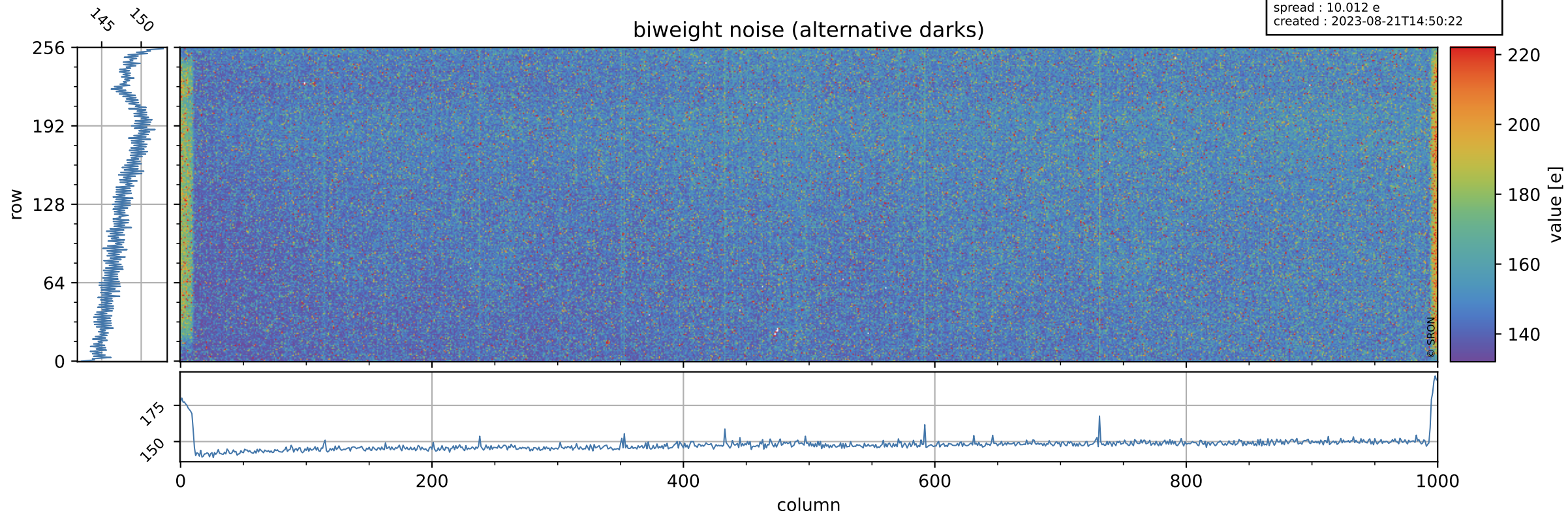
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 10.012 e
created : 2023-08-21T14:50:22

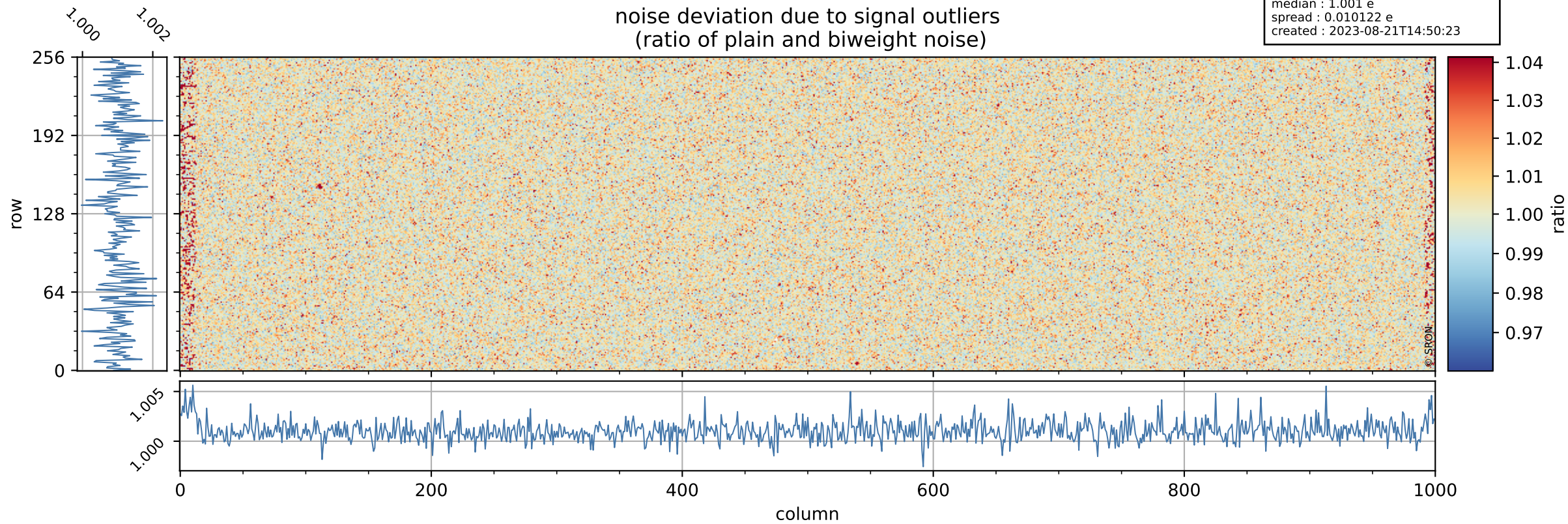
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

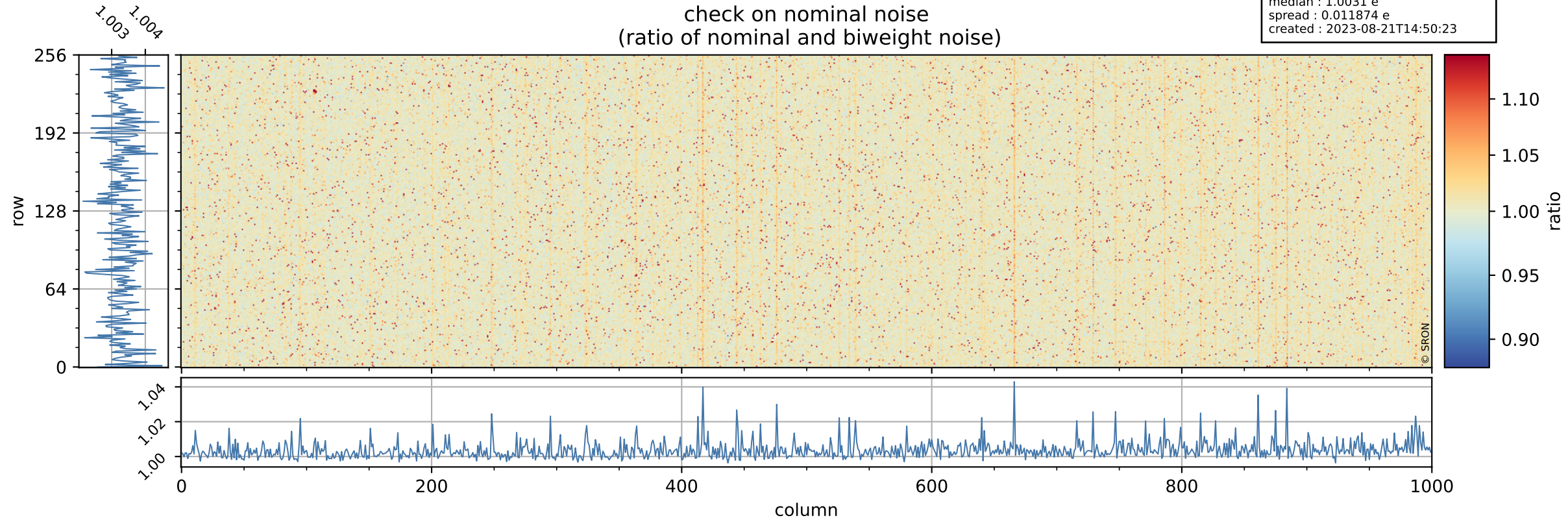
orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
median : 1.001 e
spread : 0.010122 e
created : 2023-08-21T14:50:23



Tropomi SWIR background noise (swir)

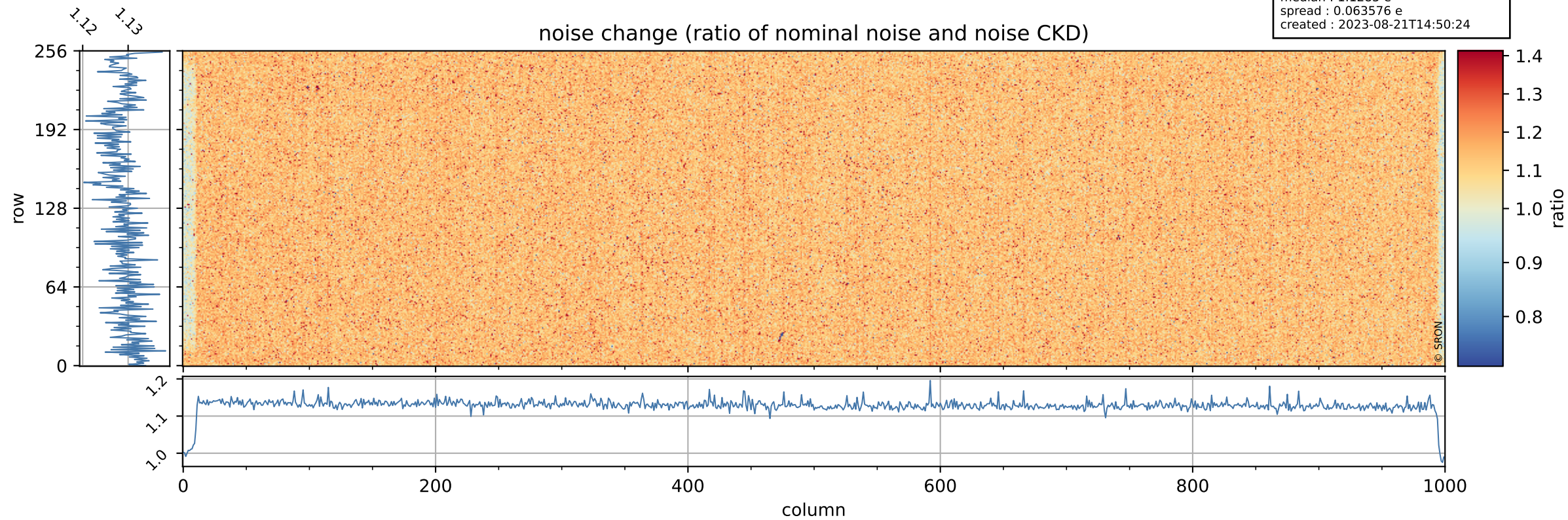
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
median : 1.0031 e
spread : 0.011874 e
created : 2023-08-21T14:50:23



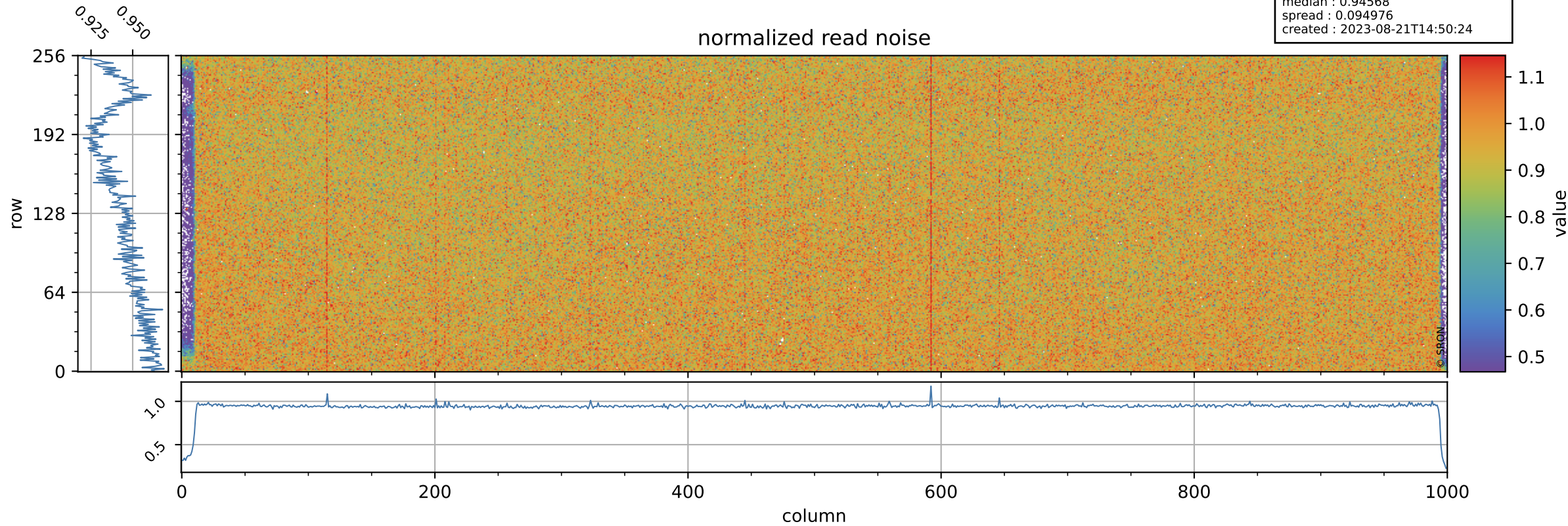
Tropomi SWIR background noise (swir)

orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
median : 1.1285 e
spread : 0.063576 e
created : 2023-08-21T14:50:24



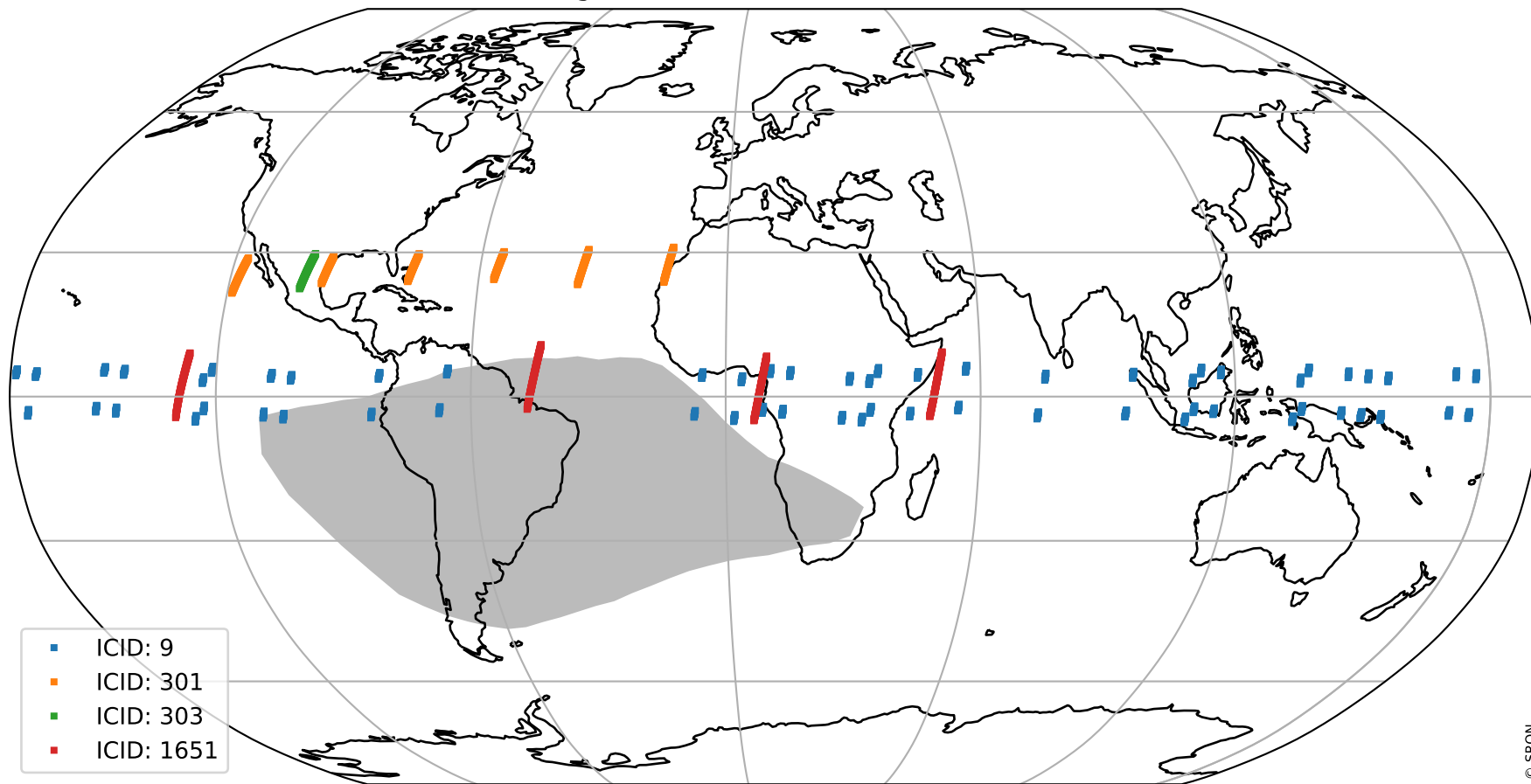
Tropomi SWIR background noise (swir)

orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
median : 0.94568
spread : 0.094976
created : 2023-08-21T14:50:24



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

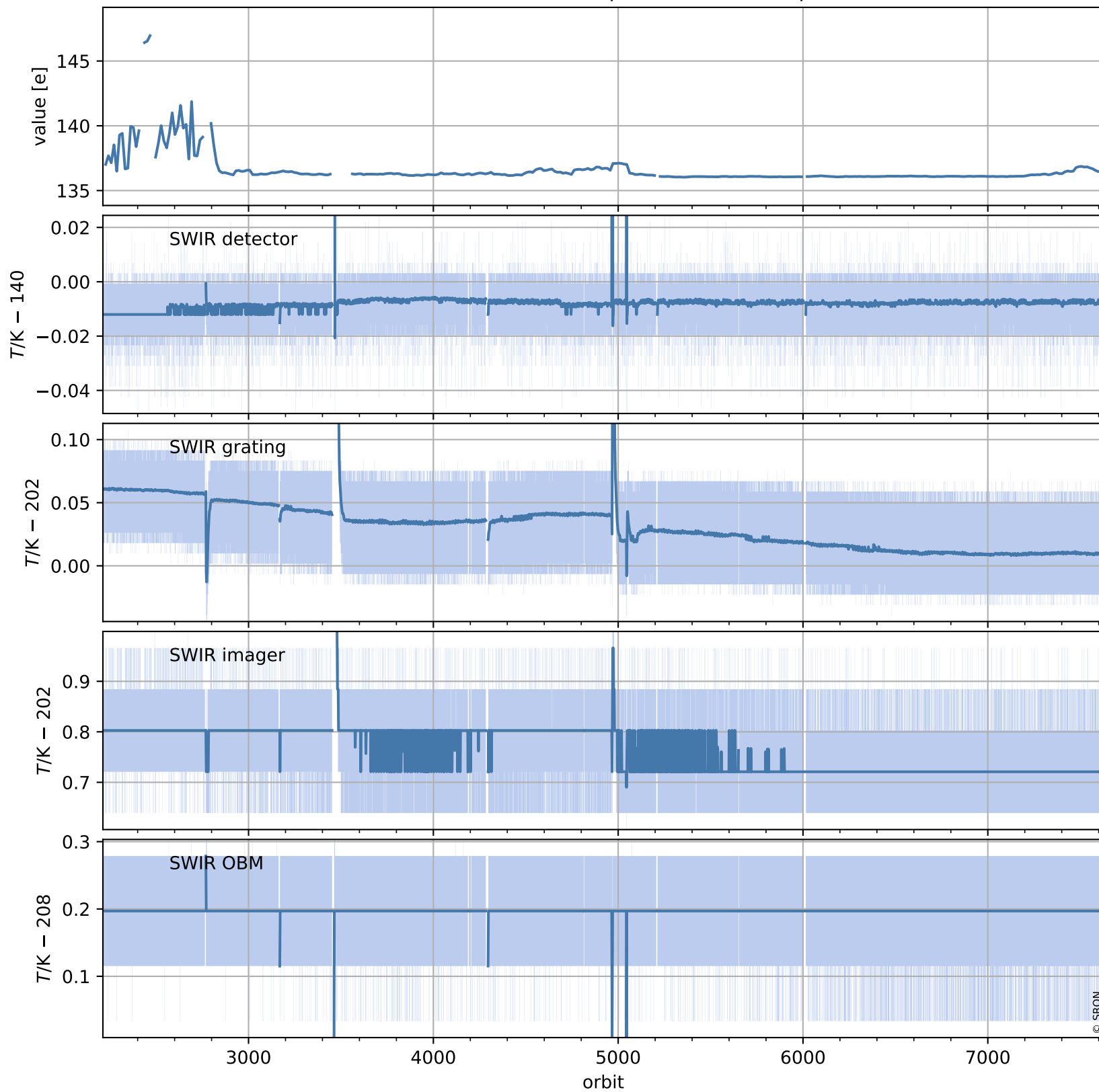
orbits : 11 in [7537, 7627]
coverage : 2019-03-29 / 2019-04-04
created : 2023-08-21T14:50:25



Tropomi SWIR background noise (swir)

orbits : [2212, 7627]
coverage : 2018-03-18 / 2019-04-04
created : 2023-08-21T14:50:25

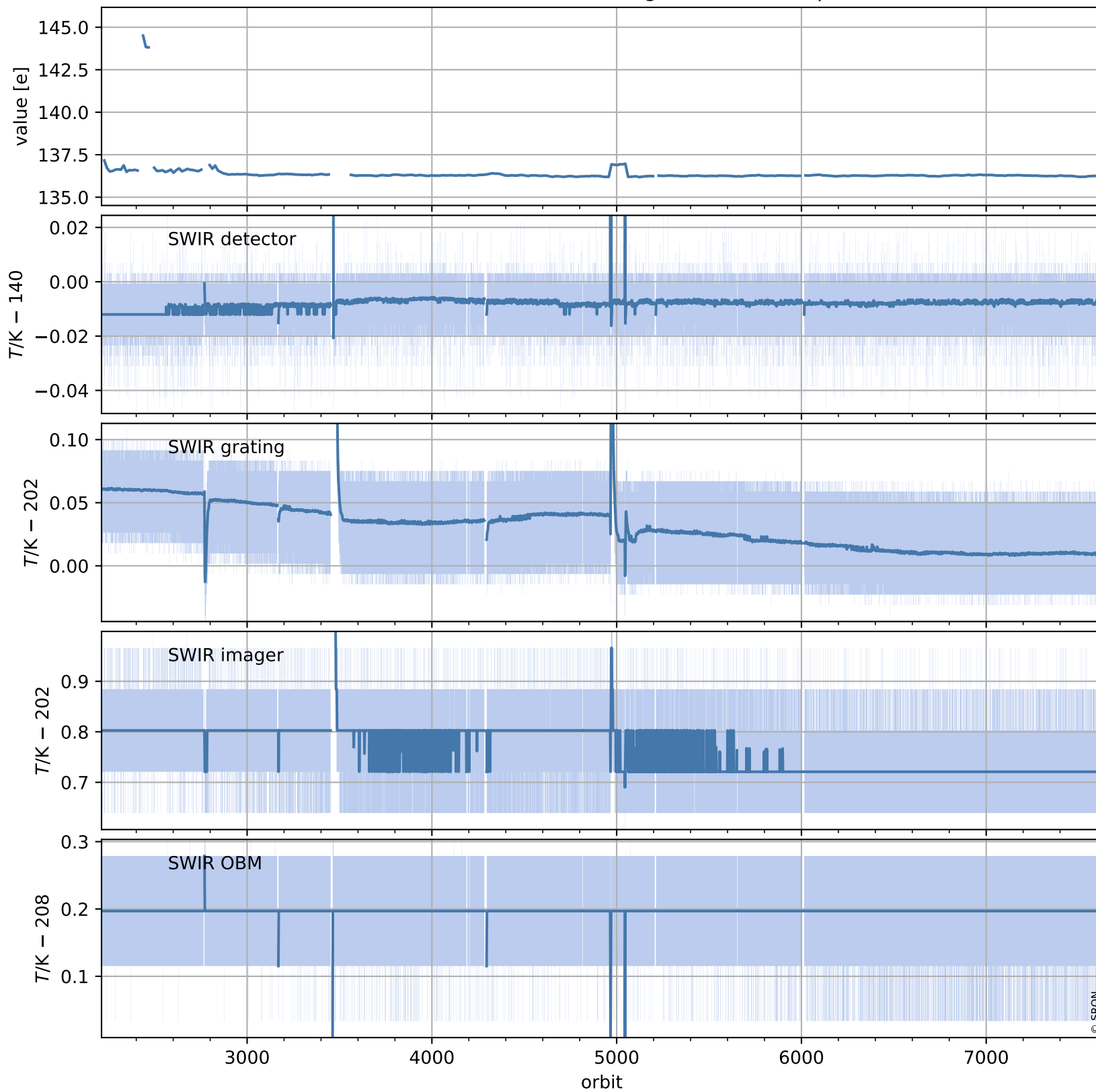
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7627]
coverage : 2018-03-18 / 2019-04-04
created : 2023-08-21T14:50:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7627]
coverage : 2018-03-18 / 2019-04-04
created : 2023-08-21T14:50:27

trend of normalized read-noise & temperatures

