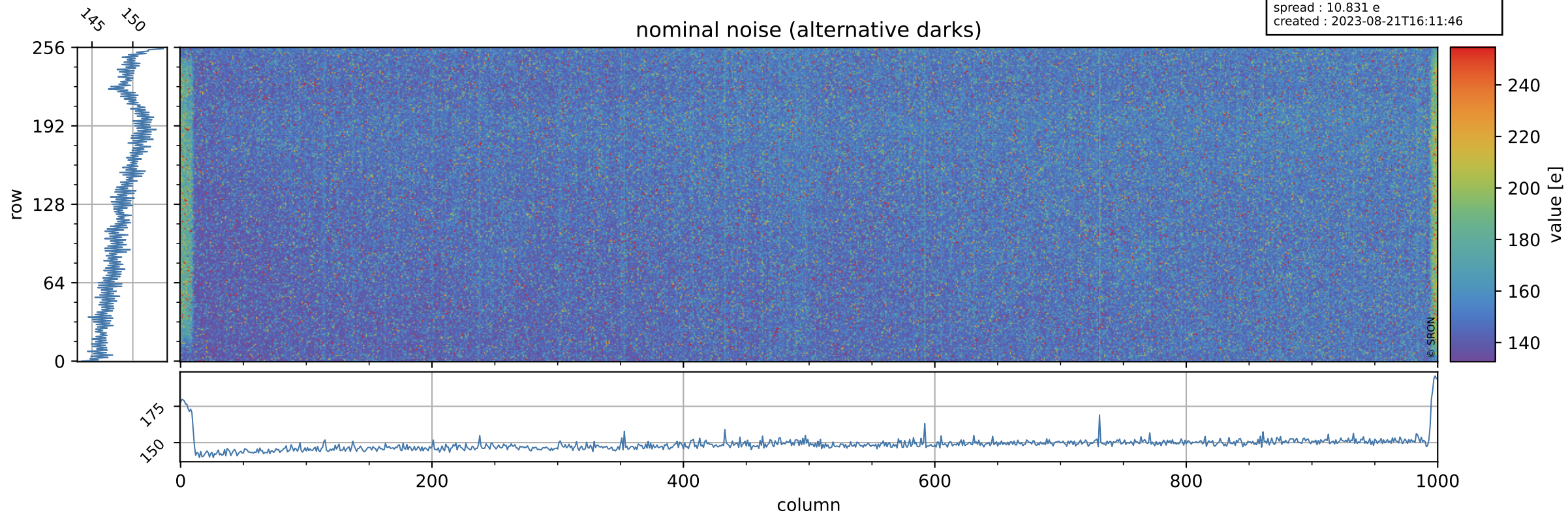


Tropomi SWIR background noise (swir)

orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.831 e
created : 2023-08-21T16:11:46

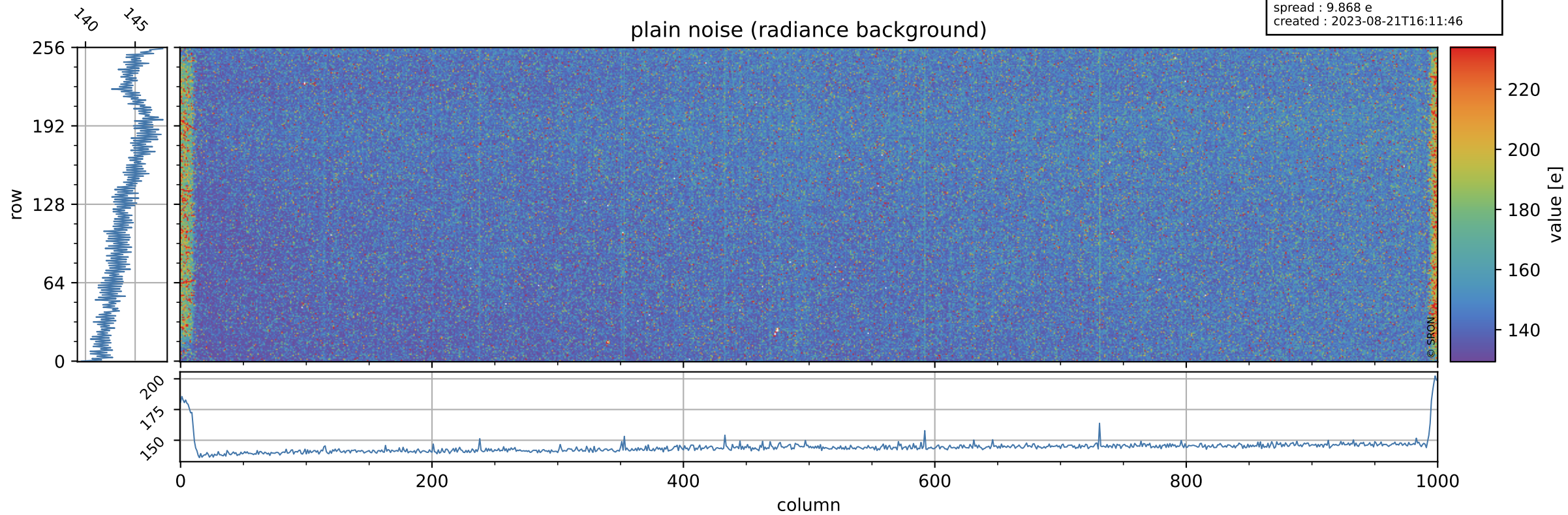
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
n_coad, t_exp : 1, 0.8383
median : 143.95 e
spread : 9.868 e
created : 2023-08-21T16:11:46

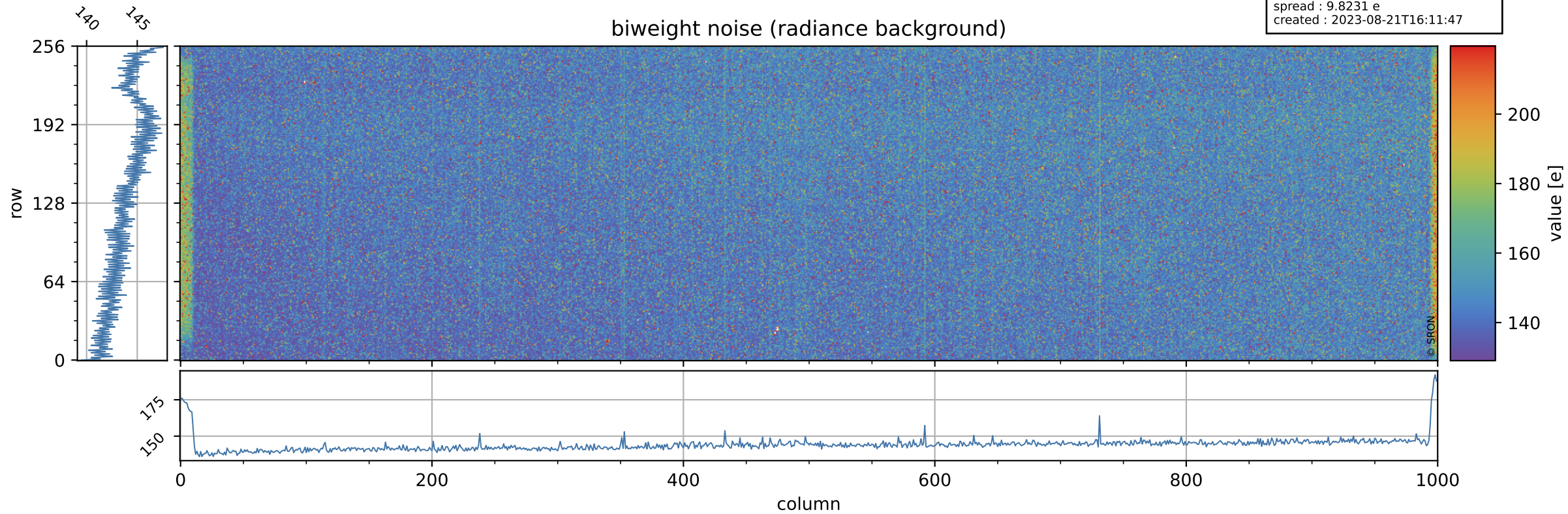
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8231 e
created : 2023-08-21T16:11:47

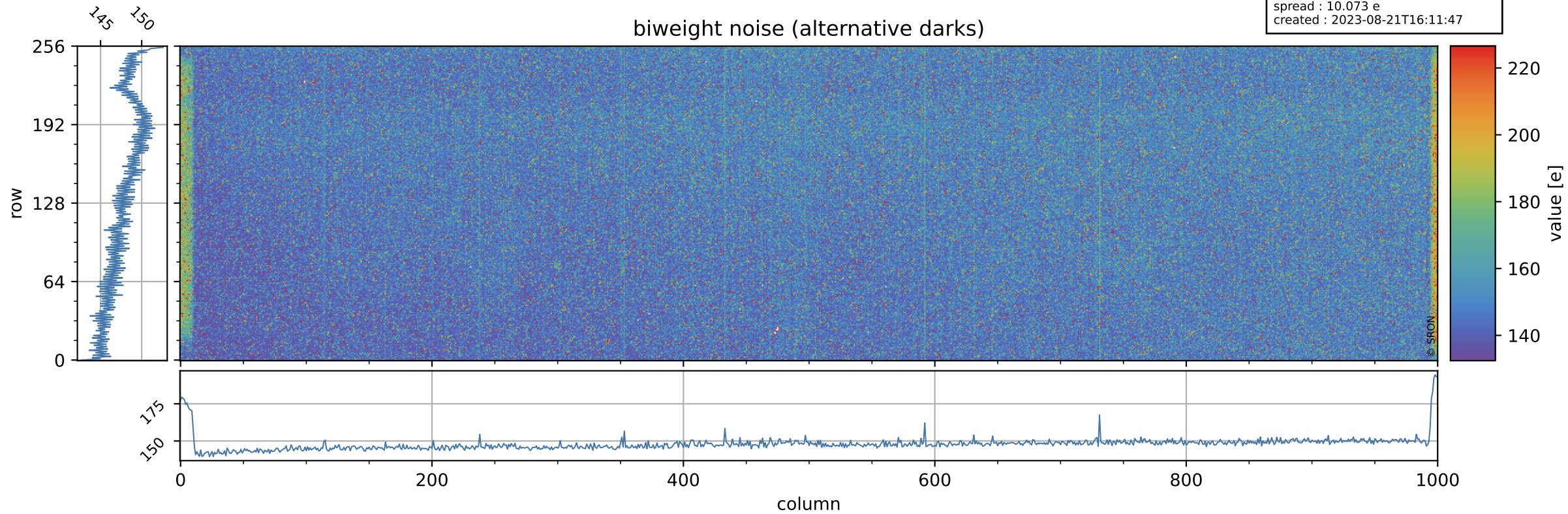
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
n_coad, t_exp : 1, 1.0783
median : 147.73 e
spread : 10.073 e
created : 2023-08-21T16:11:47

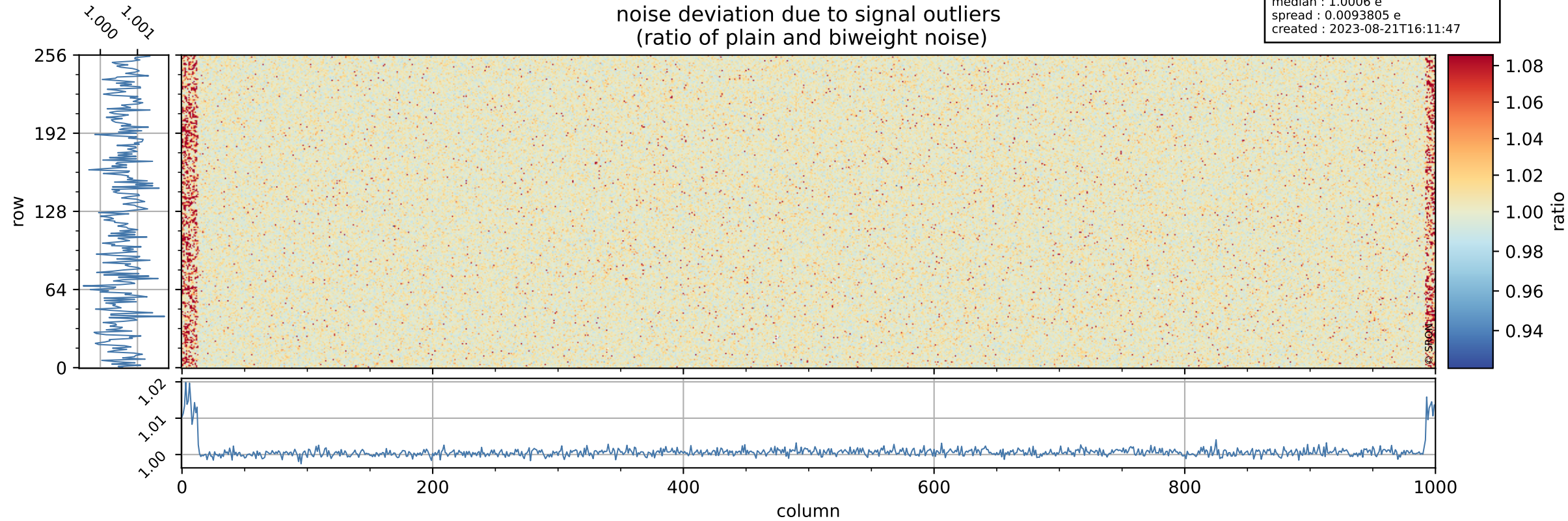
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

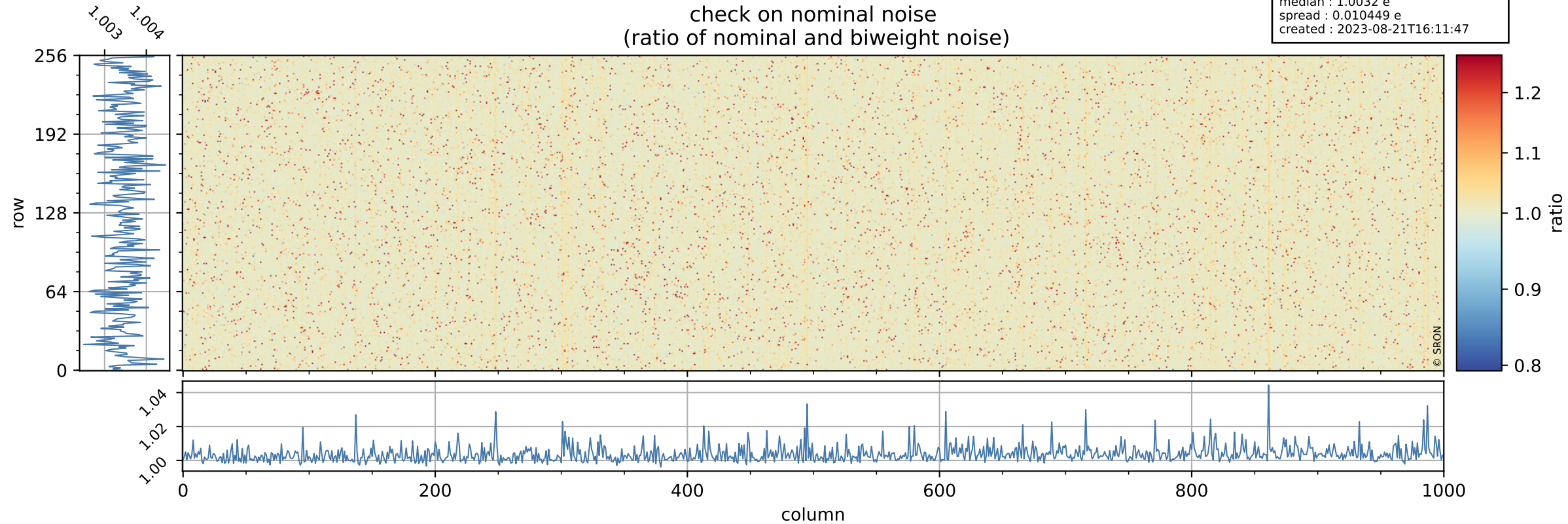
orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
median : 1.0006 e
spread : 0.0093805 e
created : 2023-08-21T16:11:47



Tropomi SWIR background noise (swir)

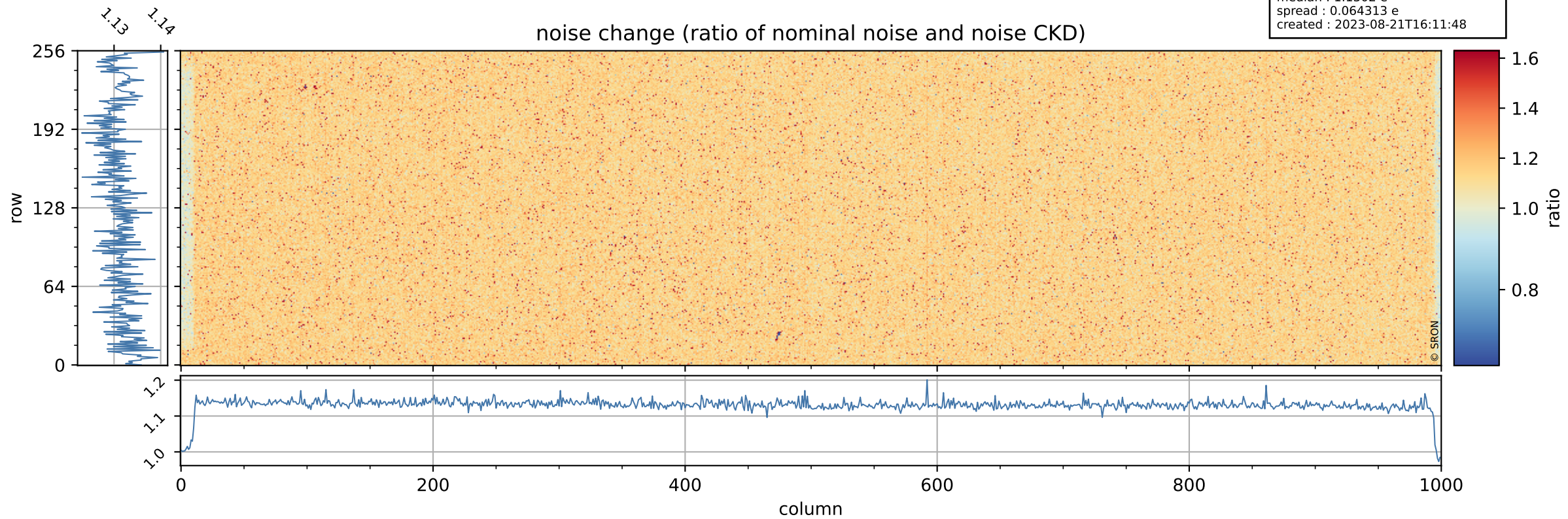
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
median : 1.0032 e
spread : 0.010449 e
created : 2023-08-21T16:11:47



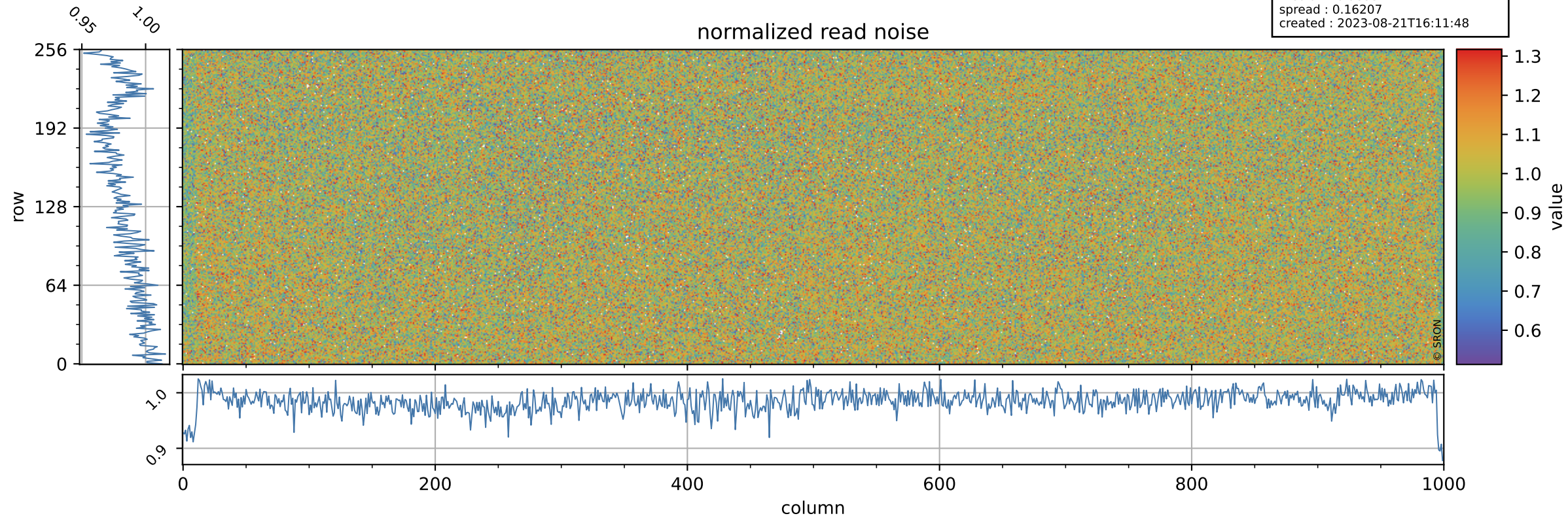
Tropomi SWIR background noise (swir)

orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
median : 1.1302 e
spread : 0.064313 e
created : 2023-08-21T16:11:48



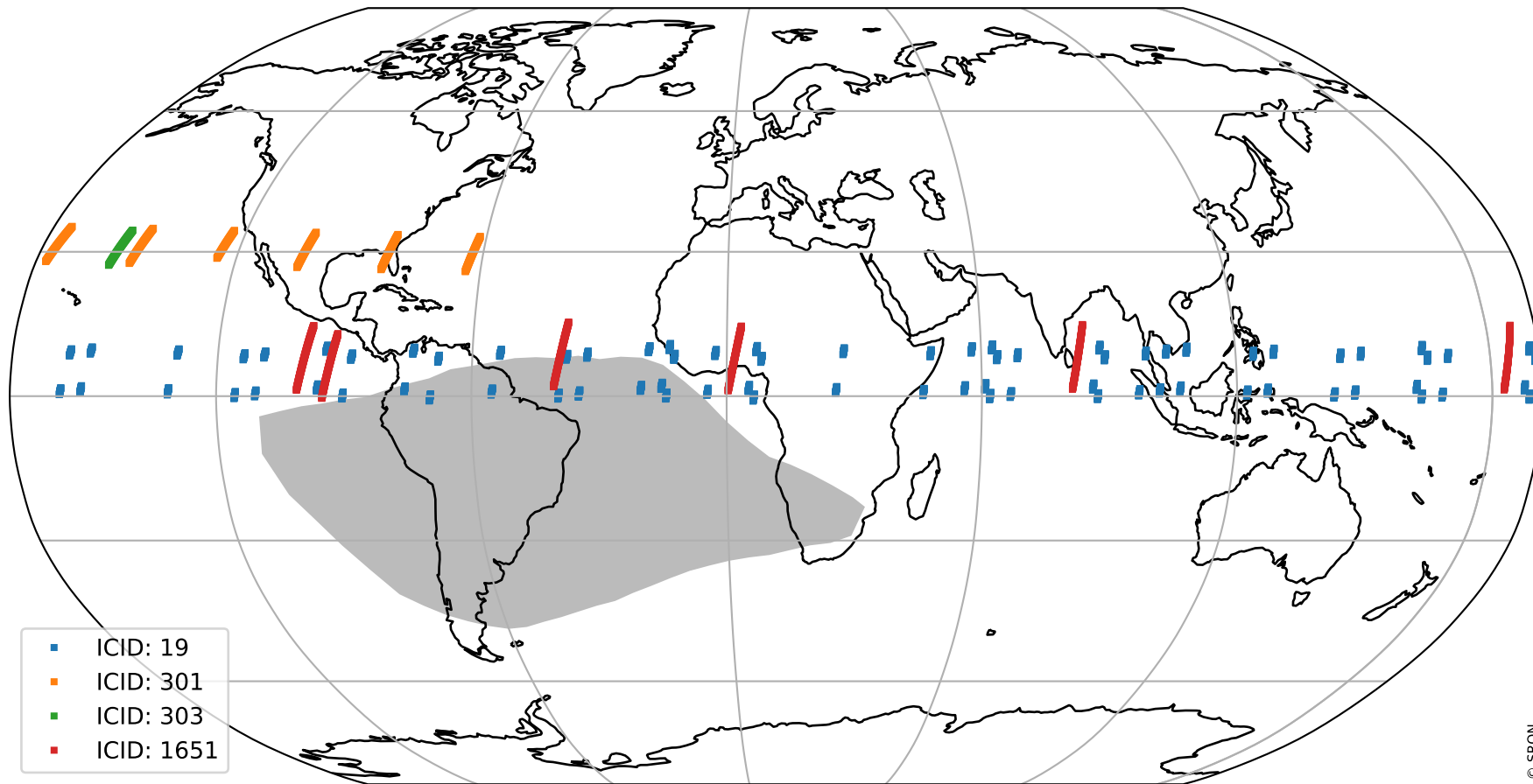
Tropomi SWIR background noise (swir)

orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
median : 0.98334
spread : 0.16207
created : 2023-08-21T16:11:48



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

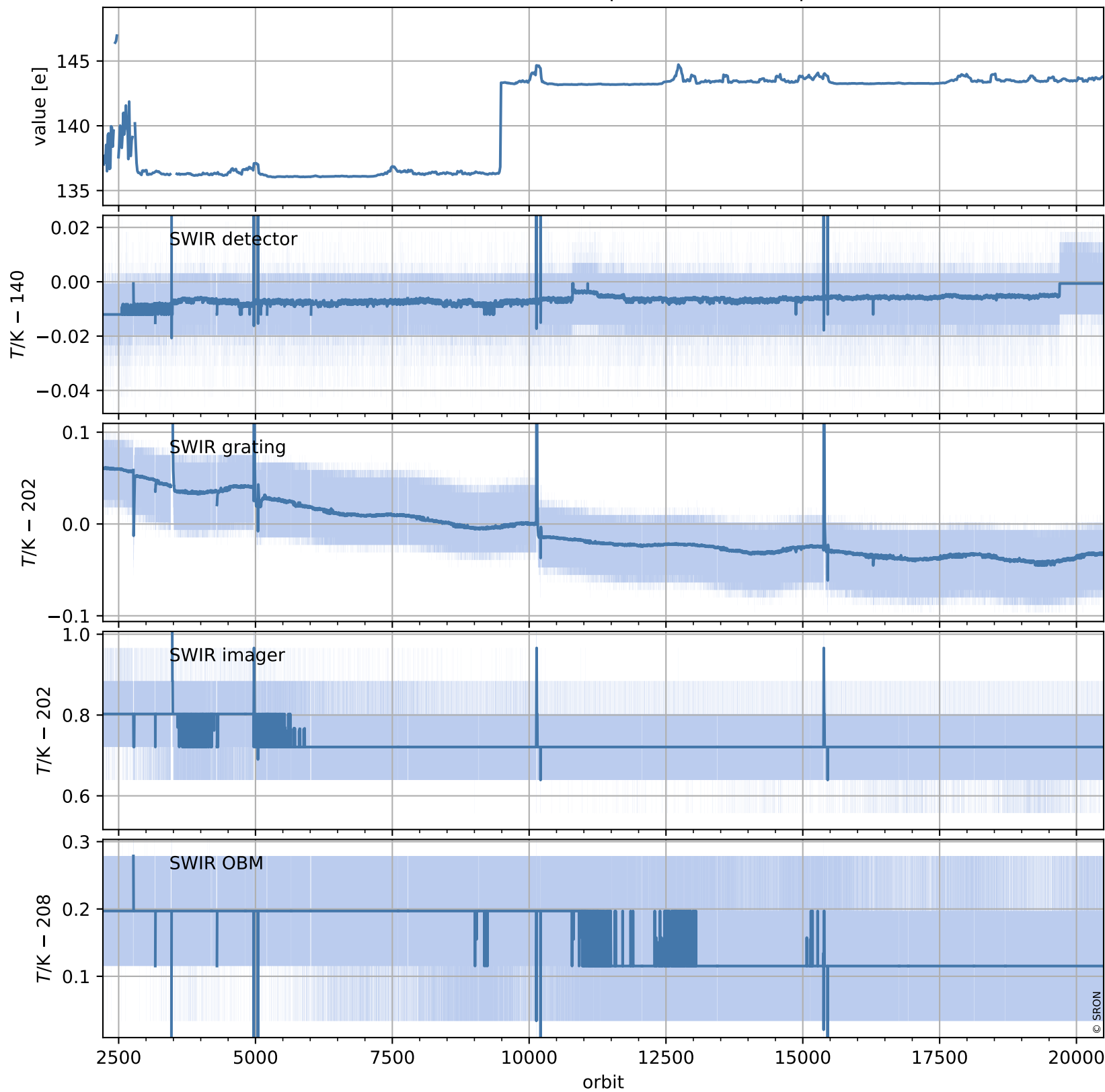
orbits : 13 in [20407, 20497]
coverage : 2021-09-21 / 2021-09-27
created : 2023-08-21T16:11:48



Tropomi SWIR background noise (swir)

orbits : [2212, 20497]
coverage : 2018-03-18 / 2021-09-27
created : 2023-08-21T16:11:49

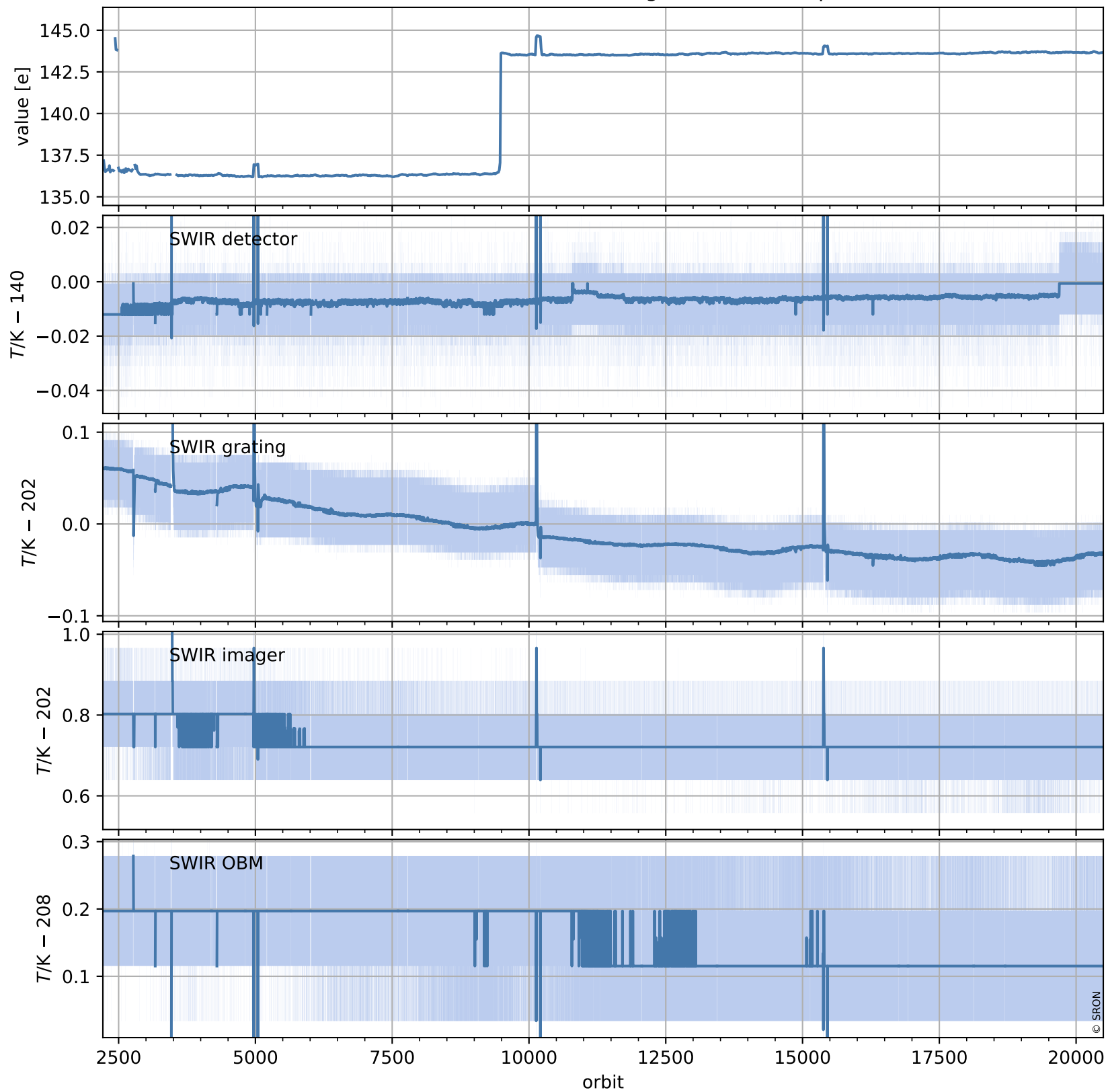
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20497]
coverage : 2018-03-18 / 2021-09-27
created : 2023-08-21T16:11:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20497]
coverage : 2018-03-18 / 2021-09-27
created : 2023-08-21T16:11:50

trend of normalized read-noise & temperatures

