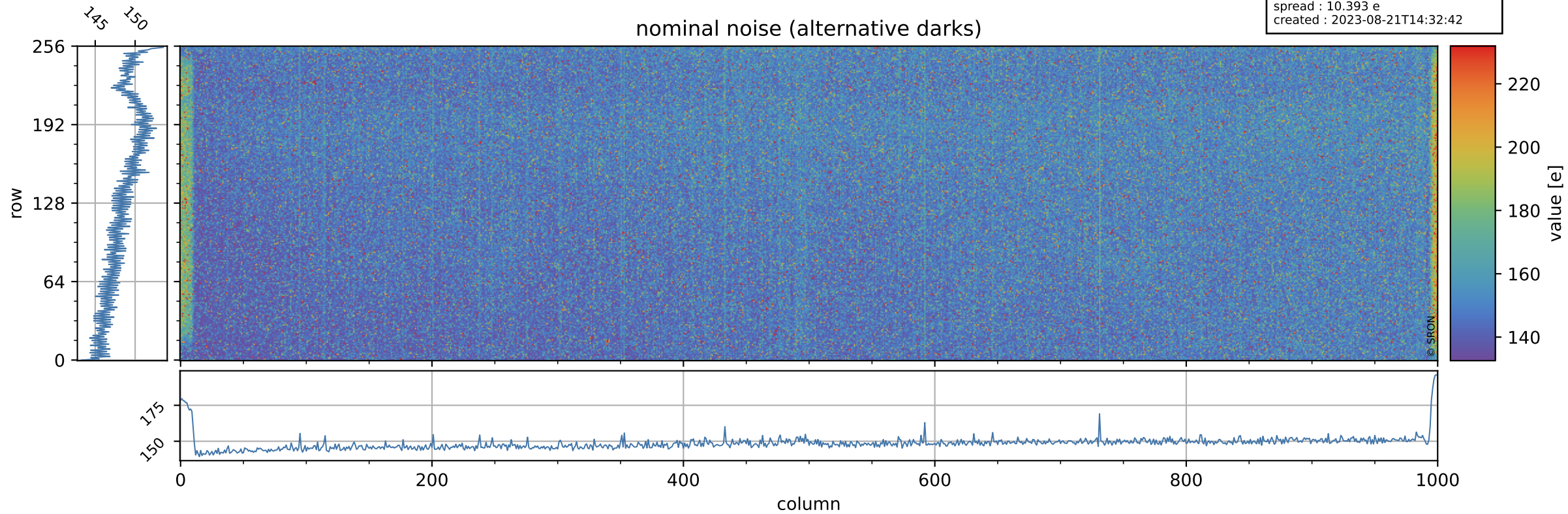


Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.393 e
created : 2023-08-21T14:32:42

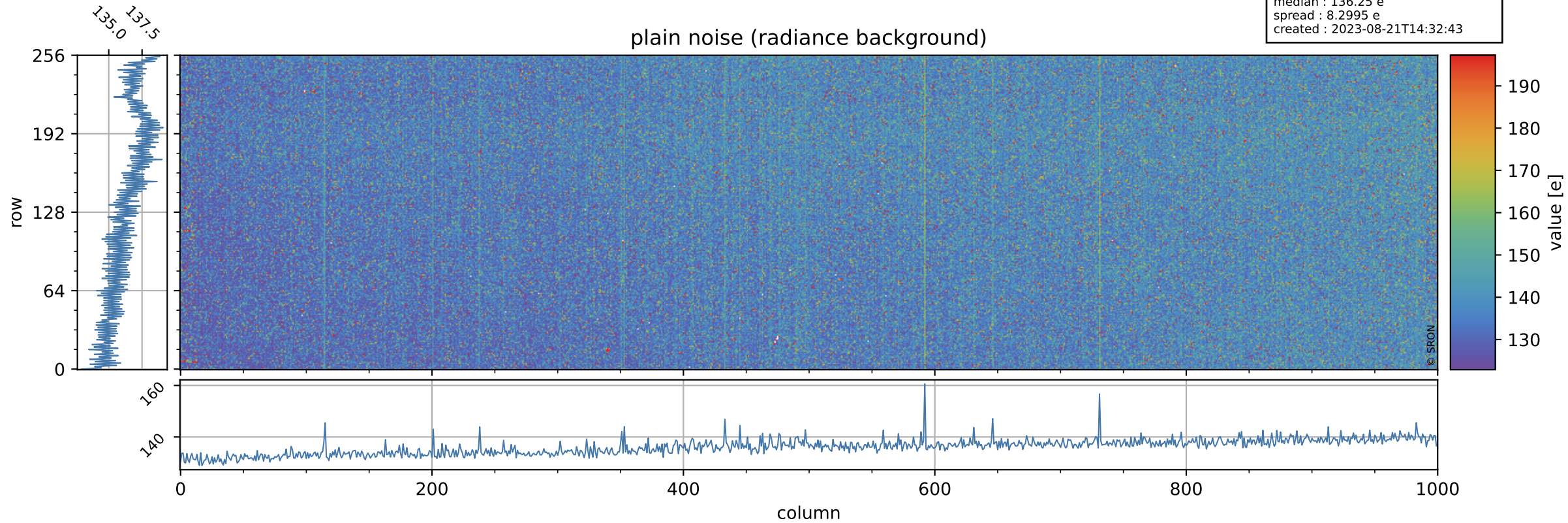
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.2995 e
created : 2023-08-21T14:32:43

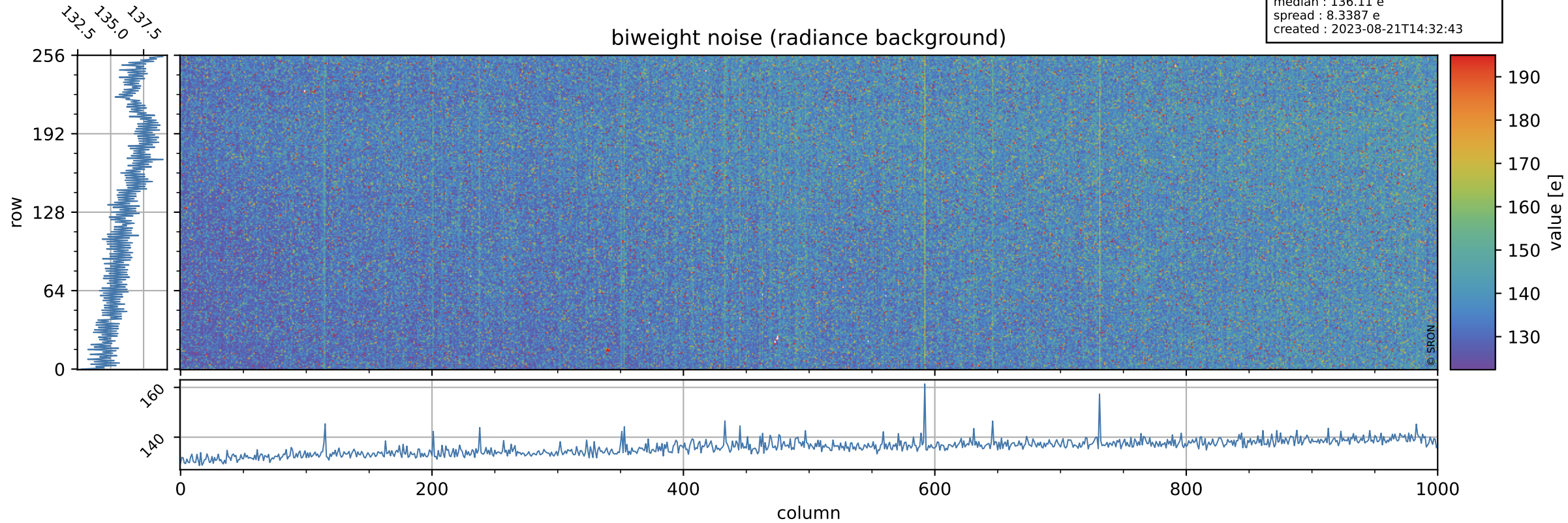
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.3387 e
created : 2023-08-21T14:32:43

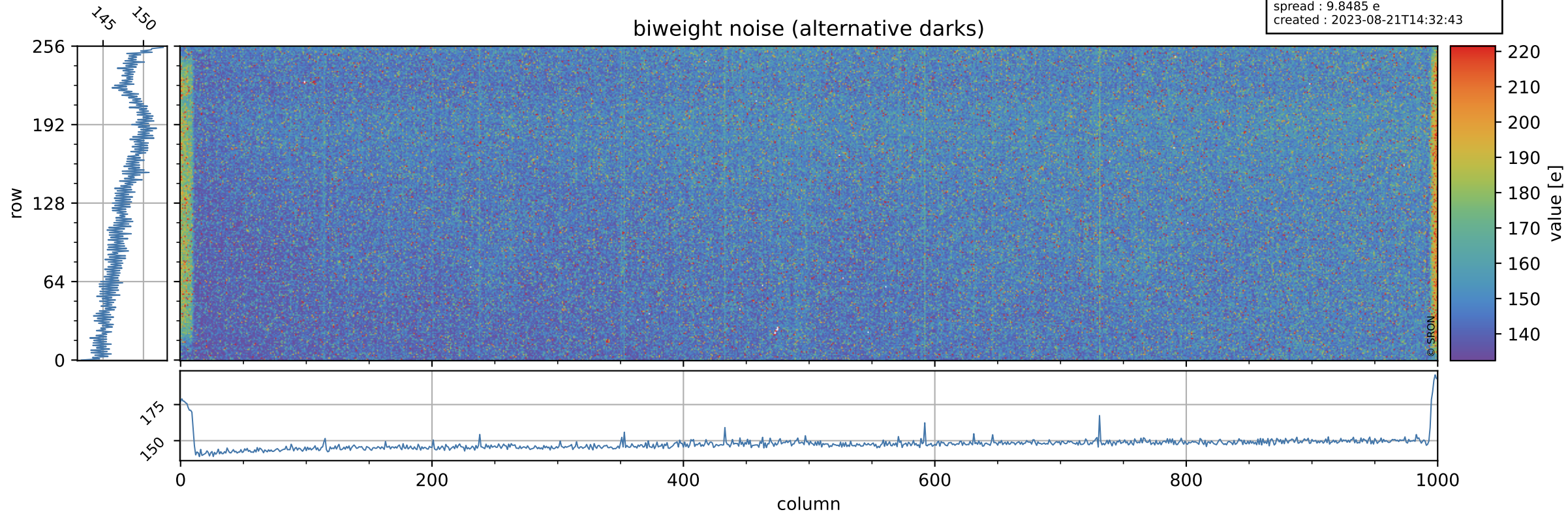
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8485 e
created : 2023-08-21T14:32:43

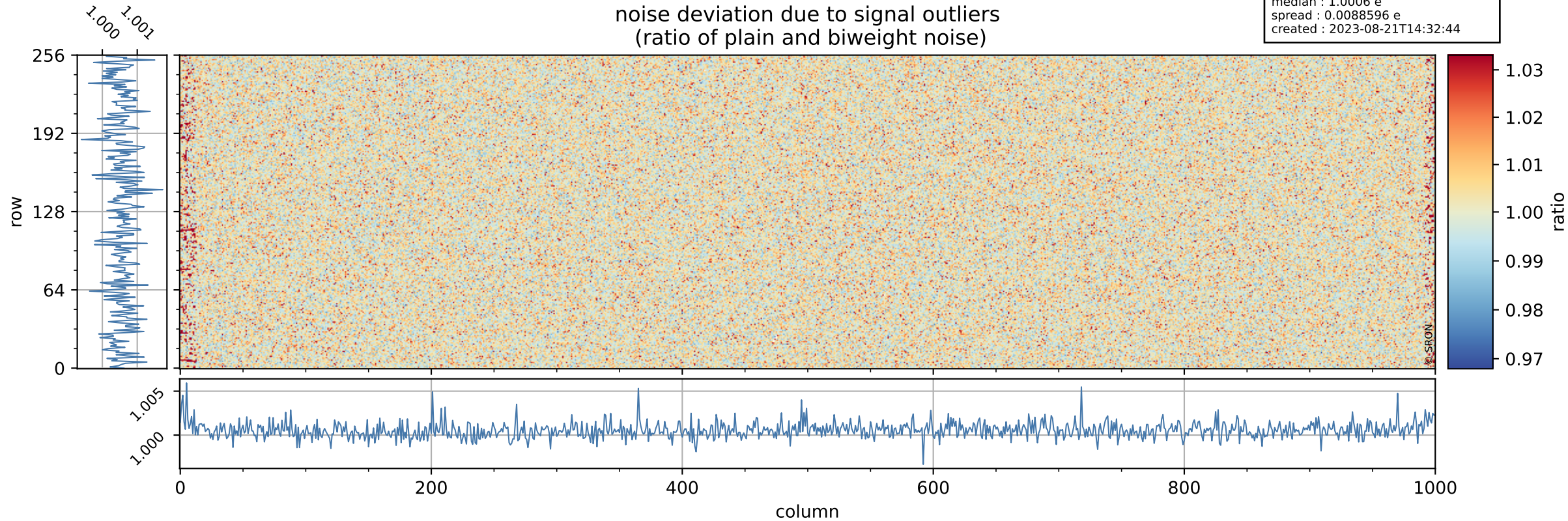
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

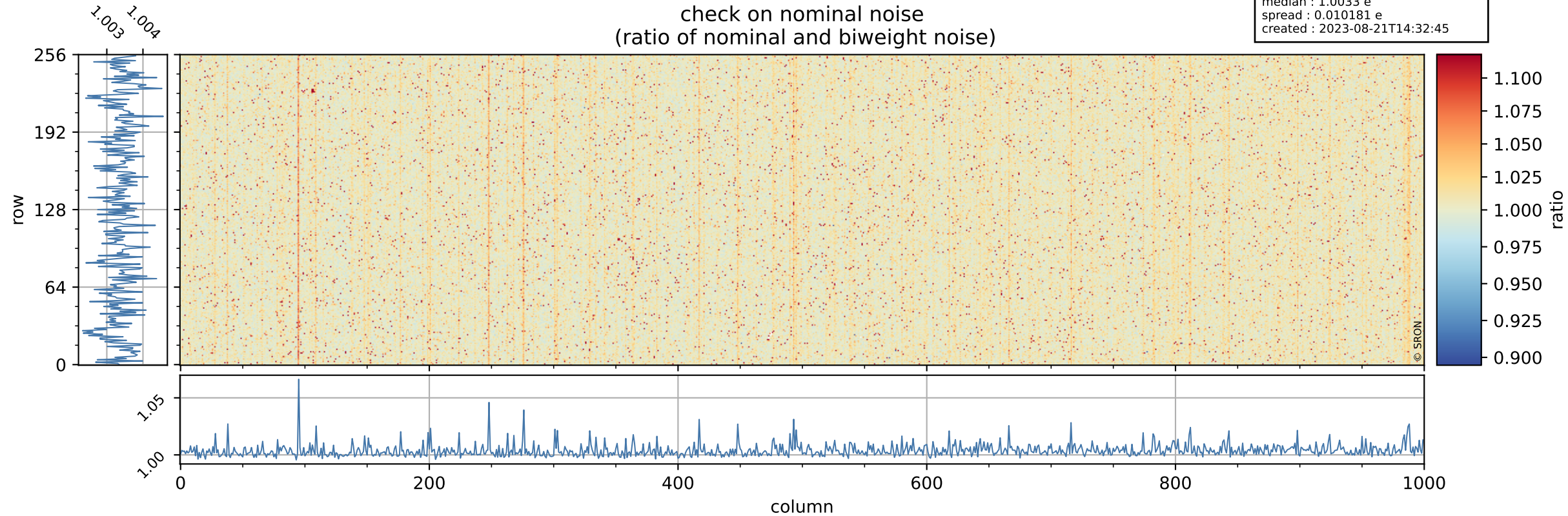
orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
median : 1.0006 e
spread : 0.0088596 e
created : 2023-08-21T14:32:44



Tropomi SWIR background noise (swir)

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

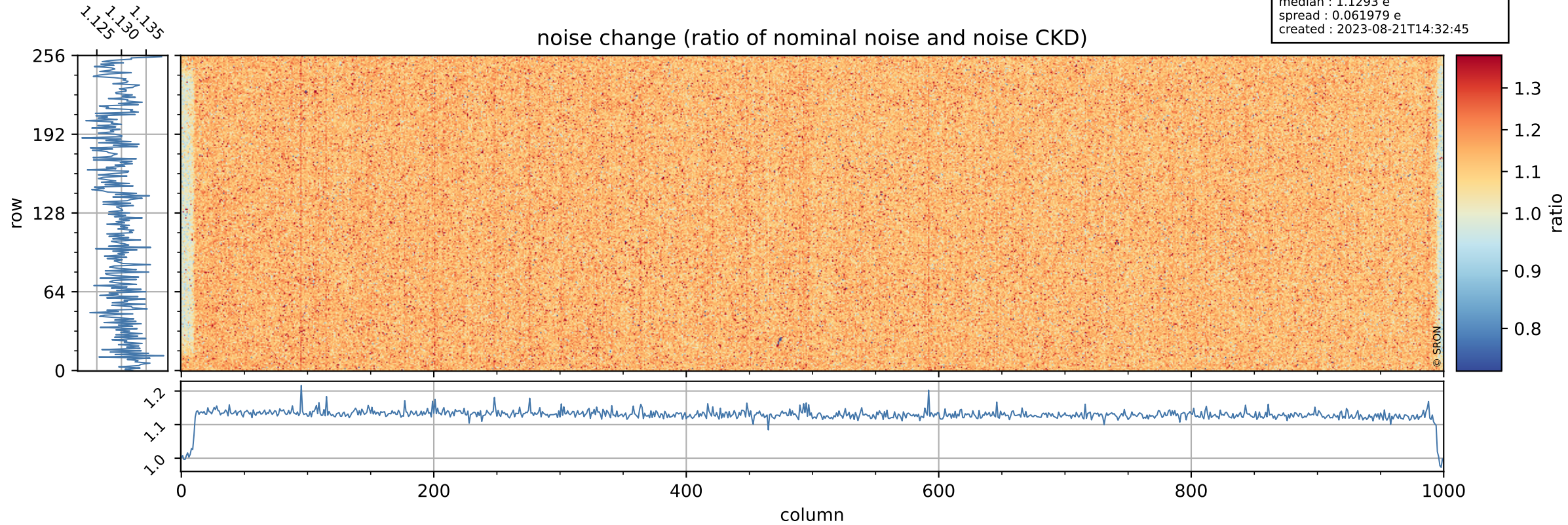
orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
median : 1.0033 e
spread : 0.010181 e
created : 2023-08-21T14:32:45



Tropomi SWIR background noise (swir)

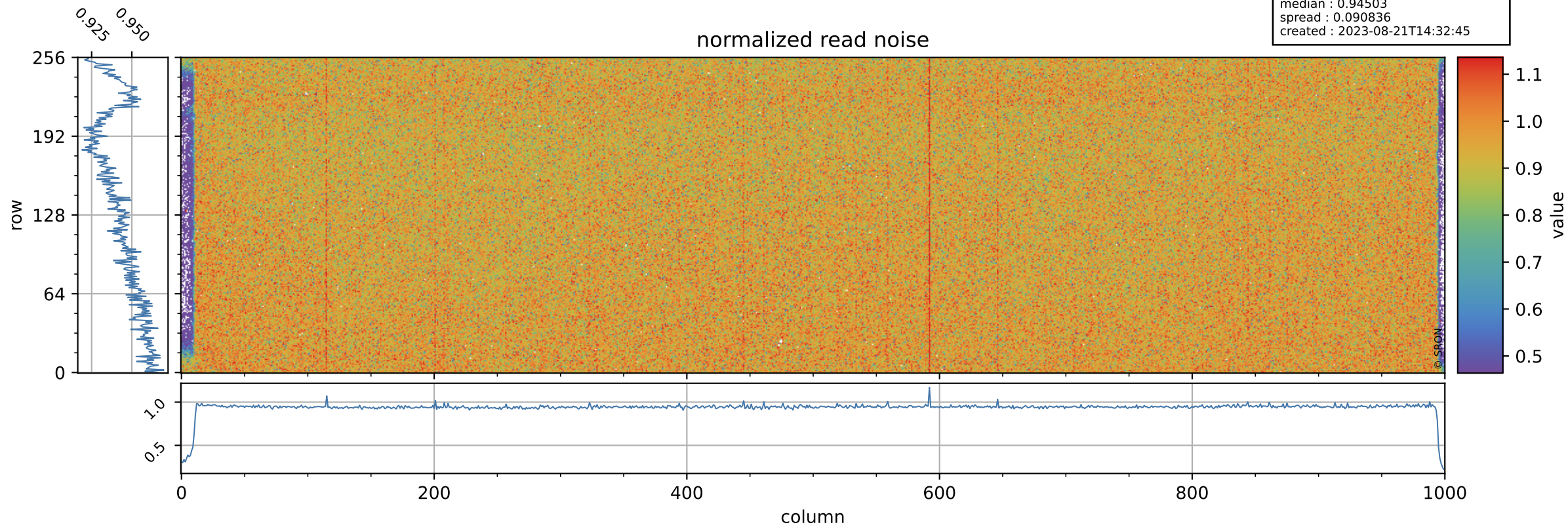
orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
median : 1.1293 e
spread : 0.061979 e
created : 2023-08-21T14:32:45

noise change (ratio of nominal noise and noise CKD)



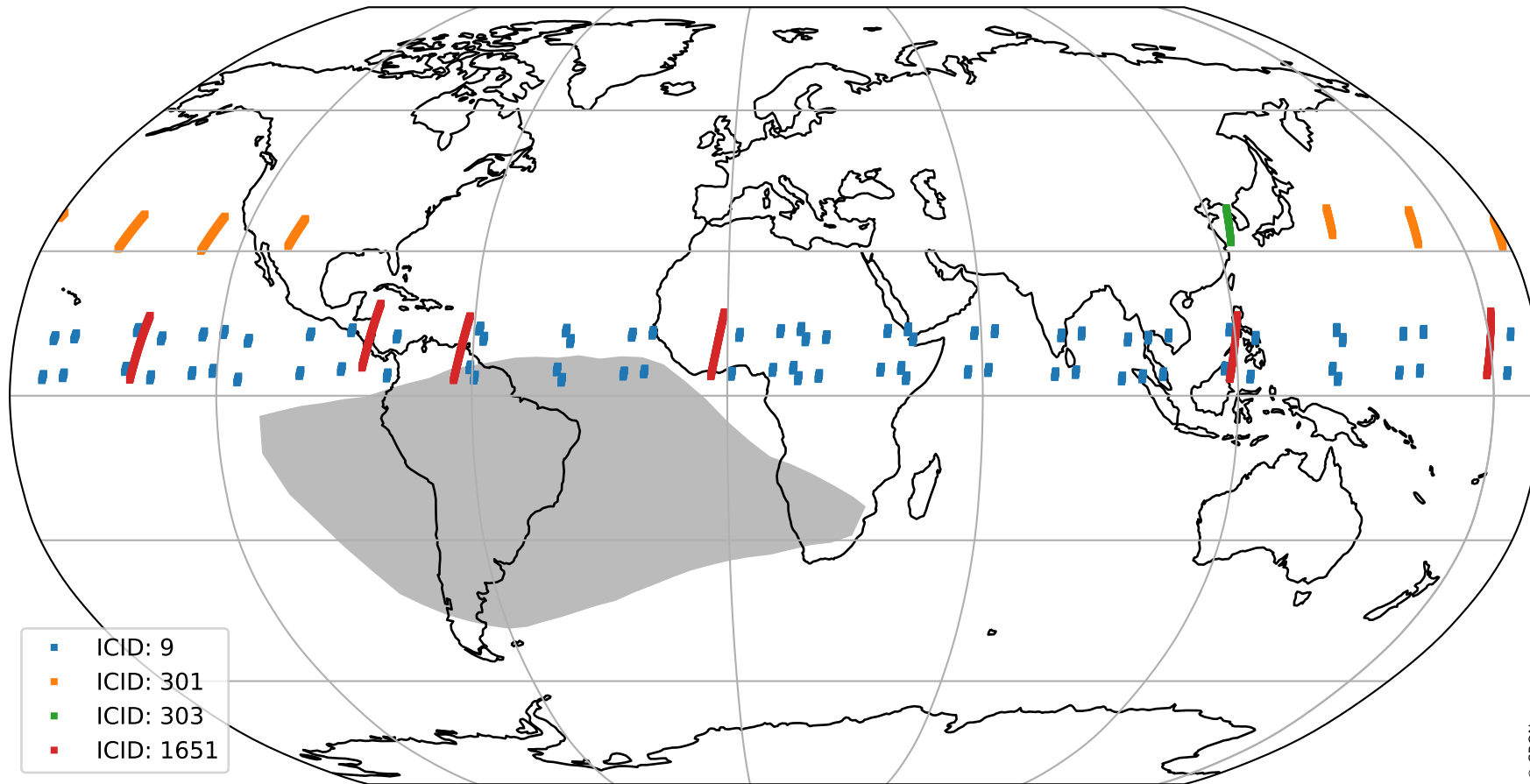
Tropomi SWIR background noise (swir)

orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
median : 0.94503
spread : 0.090836
created : 2023-08-21T14:32:45



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

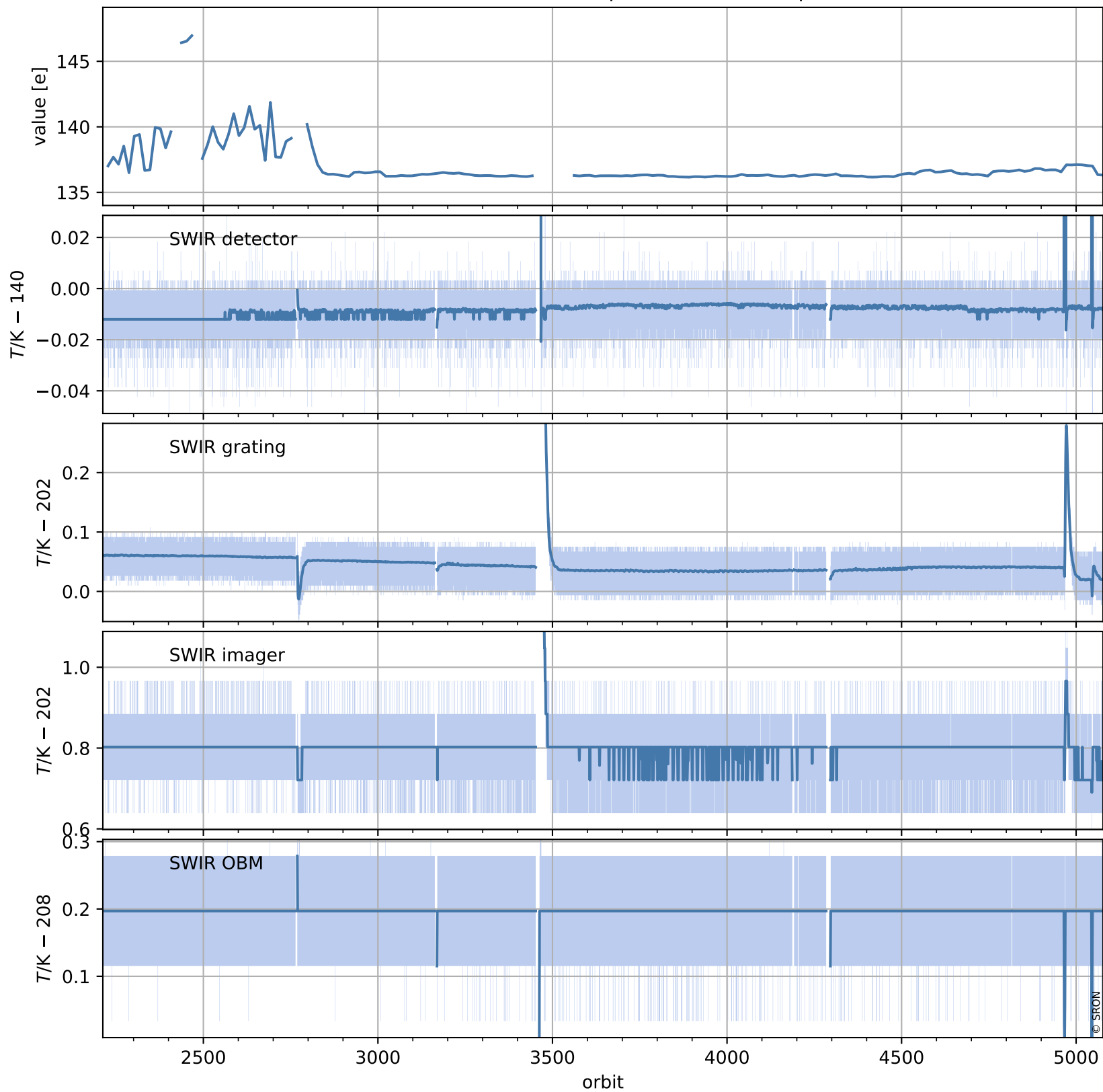
orbits : 13 in [4987, 5077]
coverage : 2018-09-30 / 2018-10-06
created : 2023-08-21T14:32:46



Tropomi SWIR background noise (swir)

orbits : [2212, 5077]
coverage : 2018-03-18 / 2018-10-06
created : 2023-08-21T14:32:46

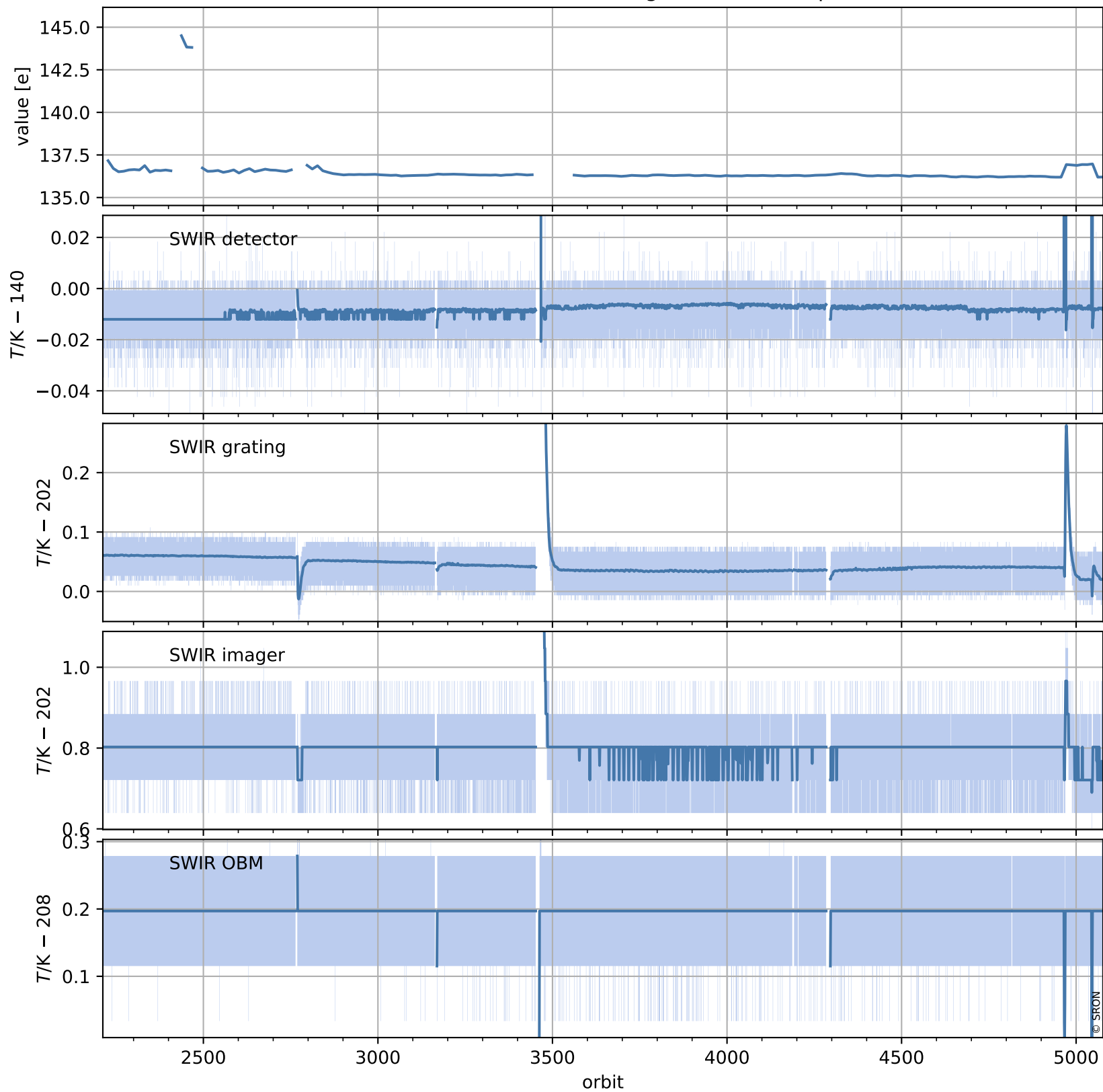
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5077]
coverage : 2018-03-18 / 2018-10-06
created : 2023-08-21T14:32:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5077]
coverage : 2018-03-18 / 2018-10-06
created : 2023-08-21T14:32:47

trend of normalized read-noise & temperatures

