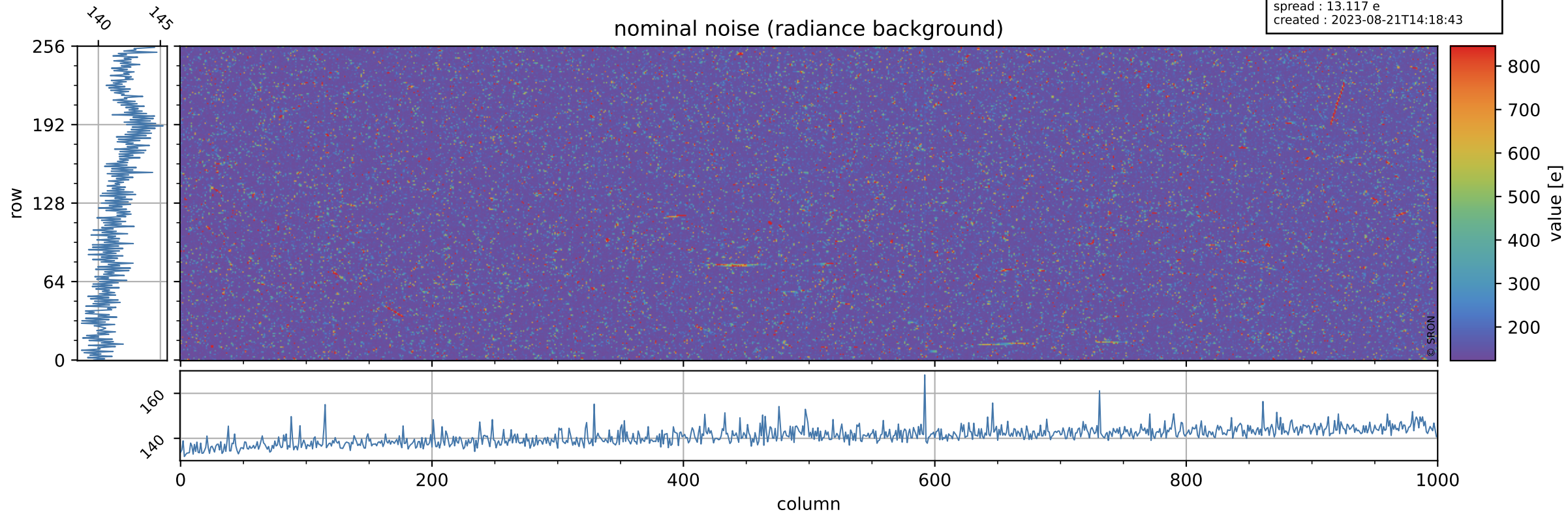


Tropomi SWIR background noise (swir)

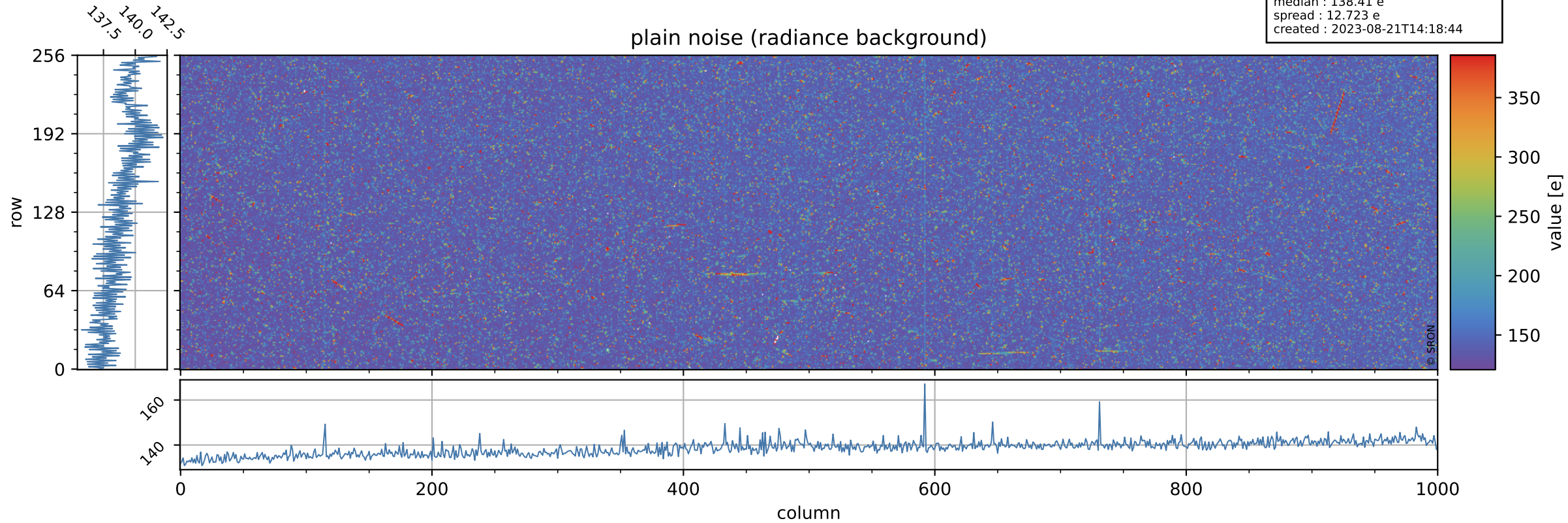
orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
n_coad, t_exp : 2, 0.5383
median : 140.73 e
spread : 13.117 e
created : 2023-08-21T14:18:43



Tropomi SWIR background noise (swir)

orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
n_coad, t_exp : 2, 0.5383
median : 138.41 e
spread : 12.723 e
created : 2023-08-21T14:18:44

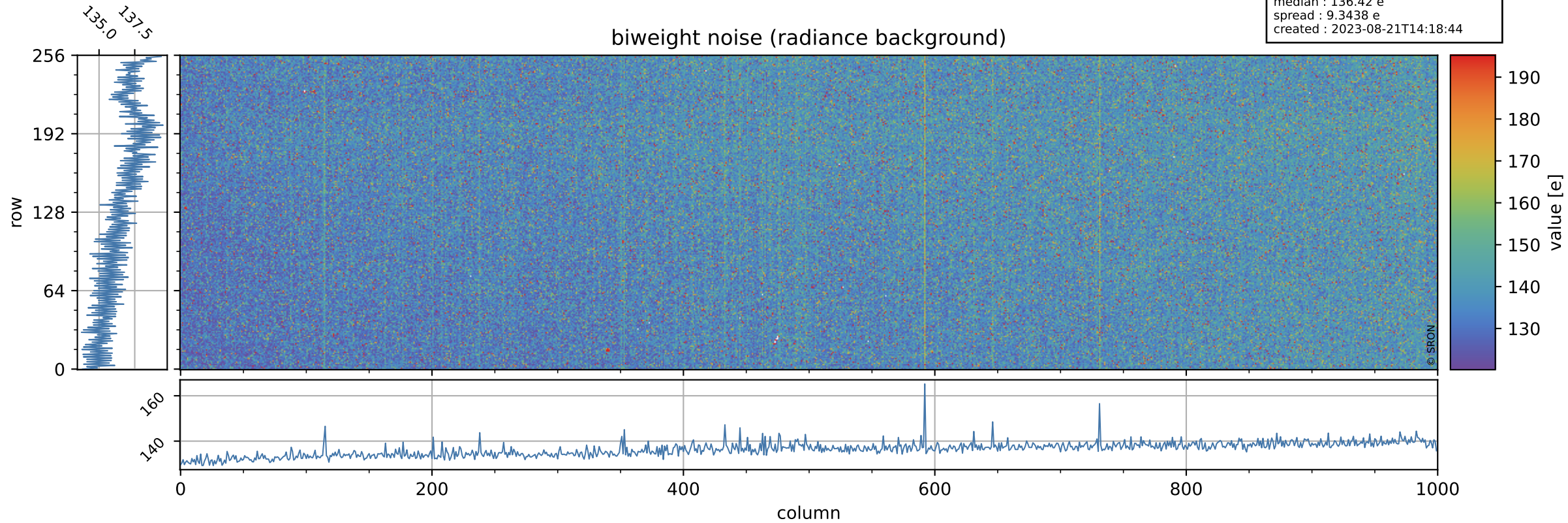
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
n_coad, t_exp : 2, 0.5383
median : 136.42 e
spread : 9.3438 e
created : 2023-08-21T14:18:44

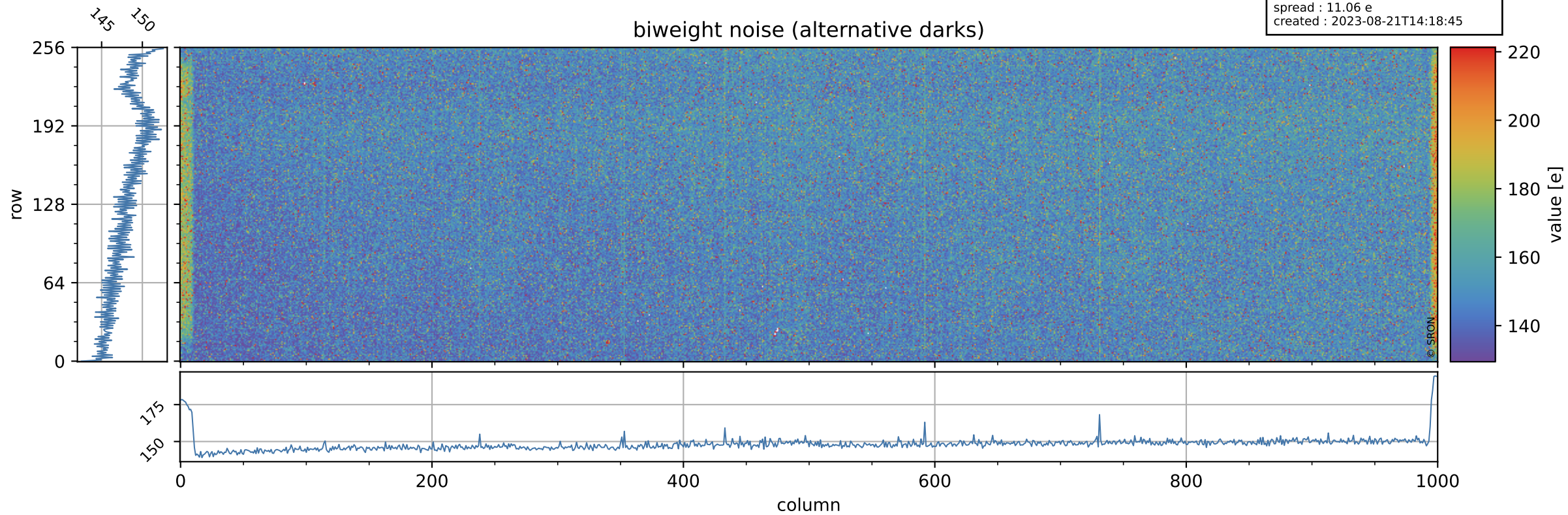
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 11.06 e
created : 2023-08-21T14:18:45

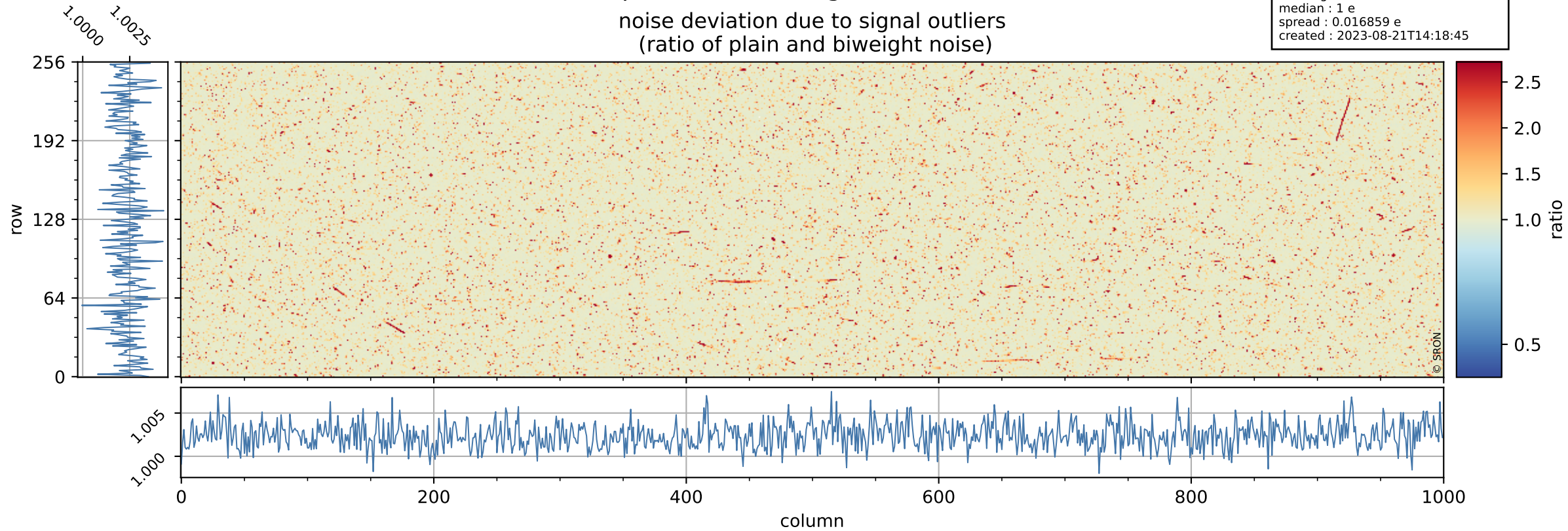
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

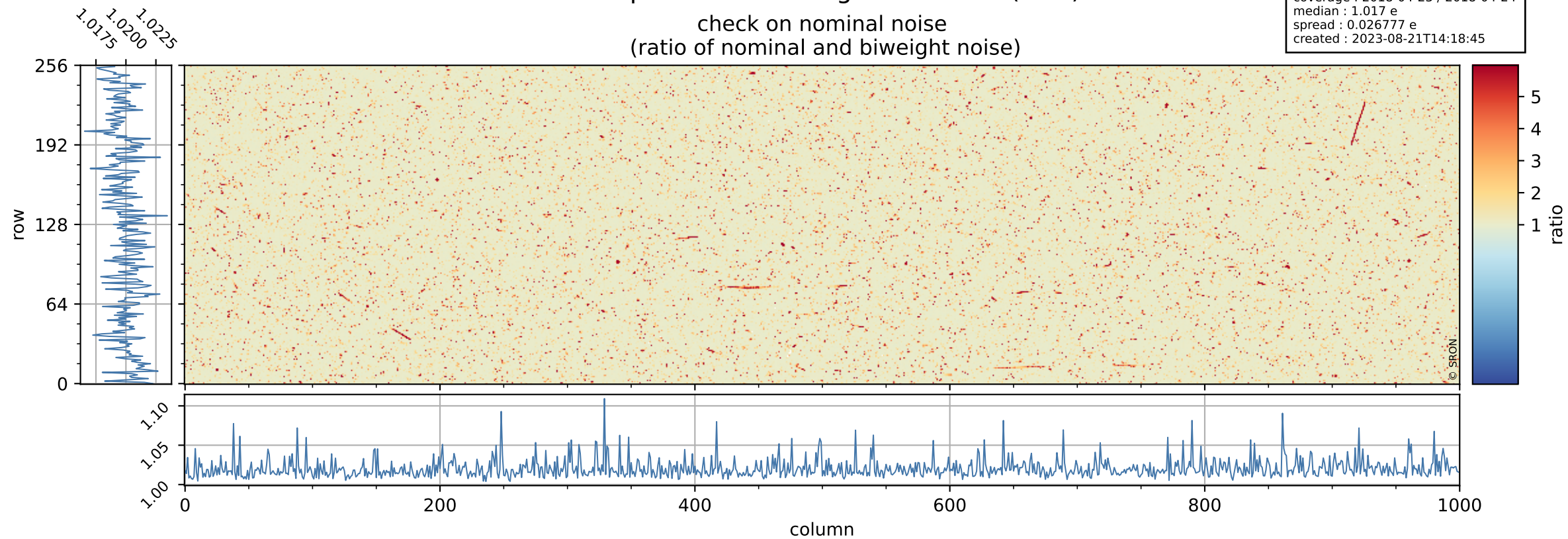
orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
median : 1 e
spread : 0.016859 e
created : 2023-08-21T14:18:45



Tropomi SWIR background noise (swir)

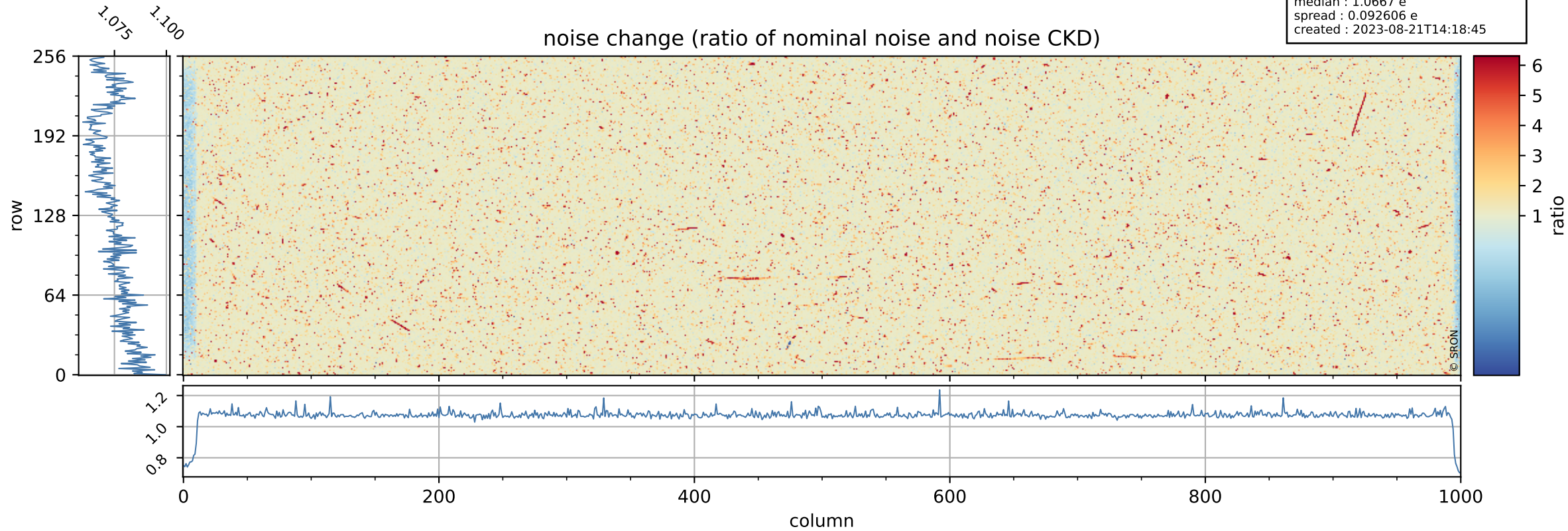
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
median : 1.017 e
spread : 0.026777 e
created : 2023-08-21T14:18:45



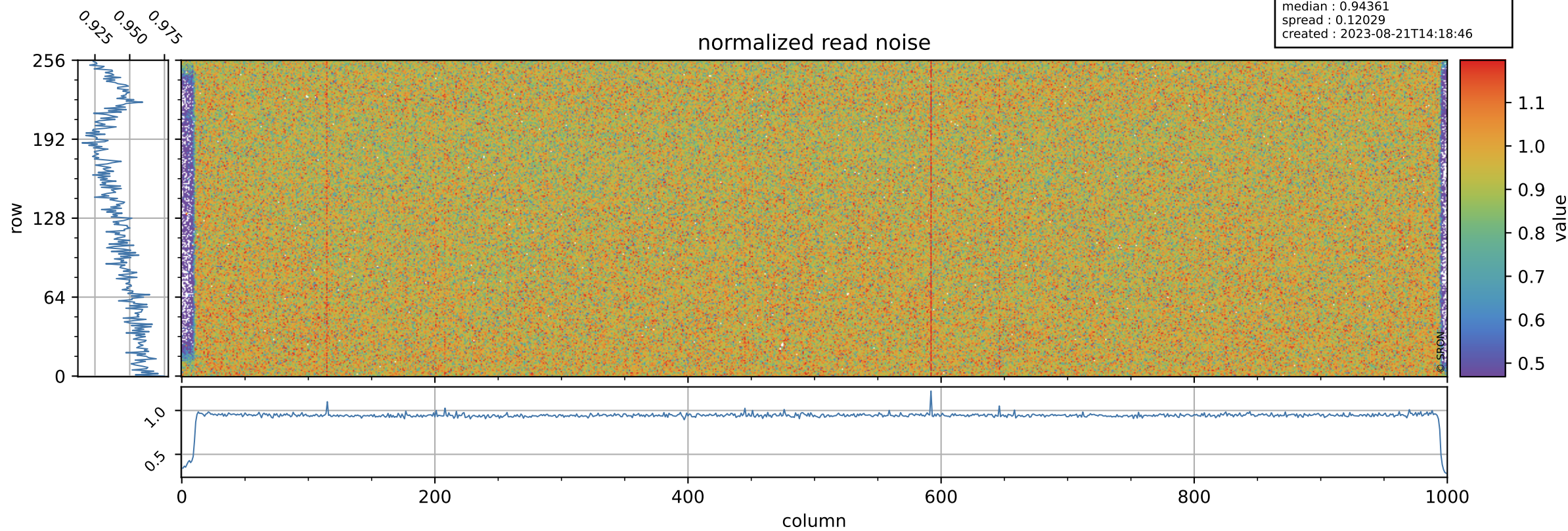
Tropomi SWIR background noise (swir)

orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
median : 1.0667 e
spread : 0.092606 e
created : 2023-08-21T14:18:45



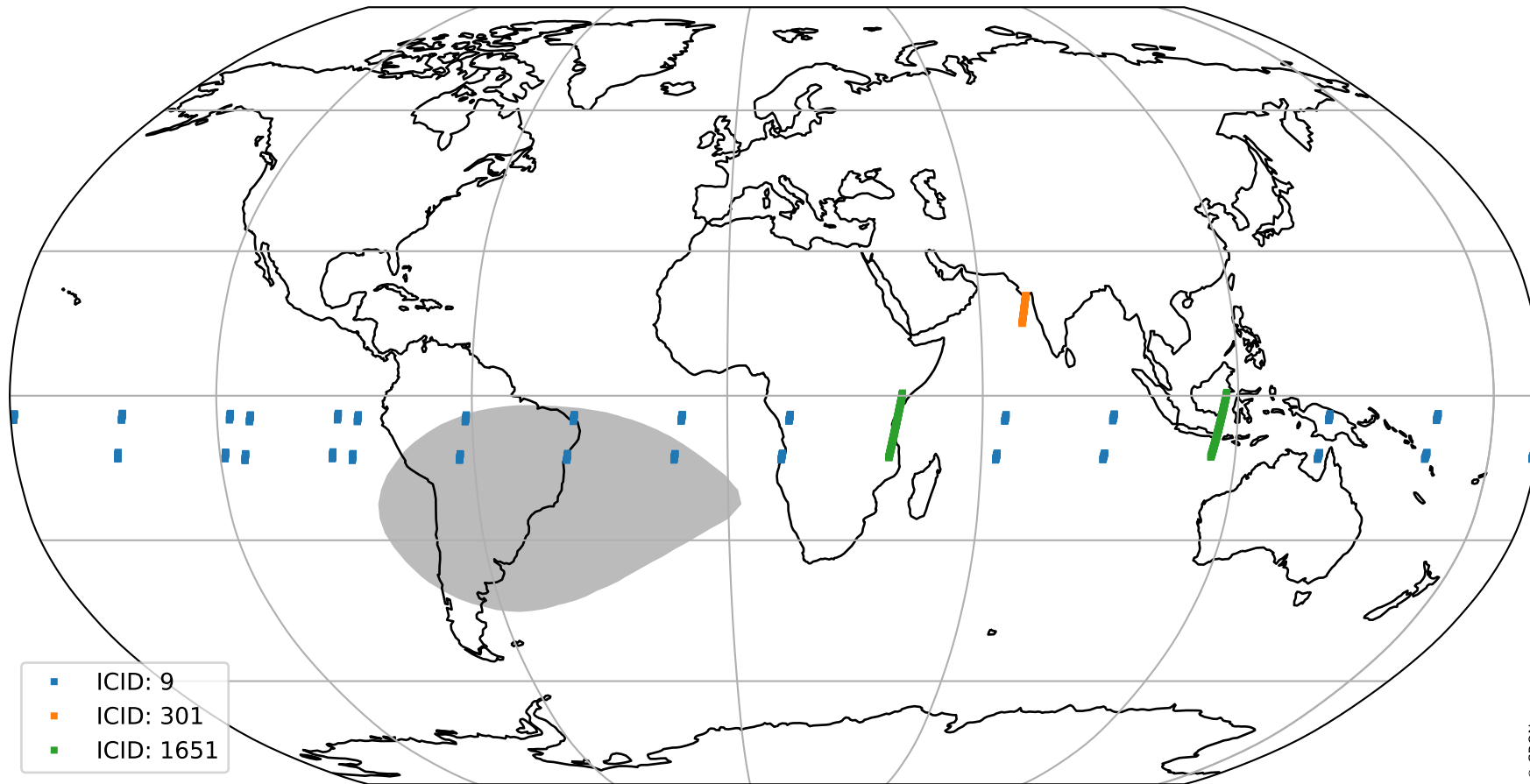
Tropomi SWIR background noise (swir)

orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
median : 0.94361
spread : 0.12029
created : 2023-08-21T14:18:46



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

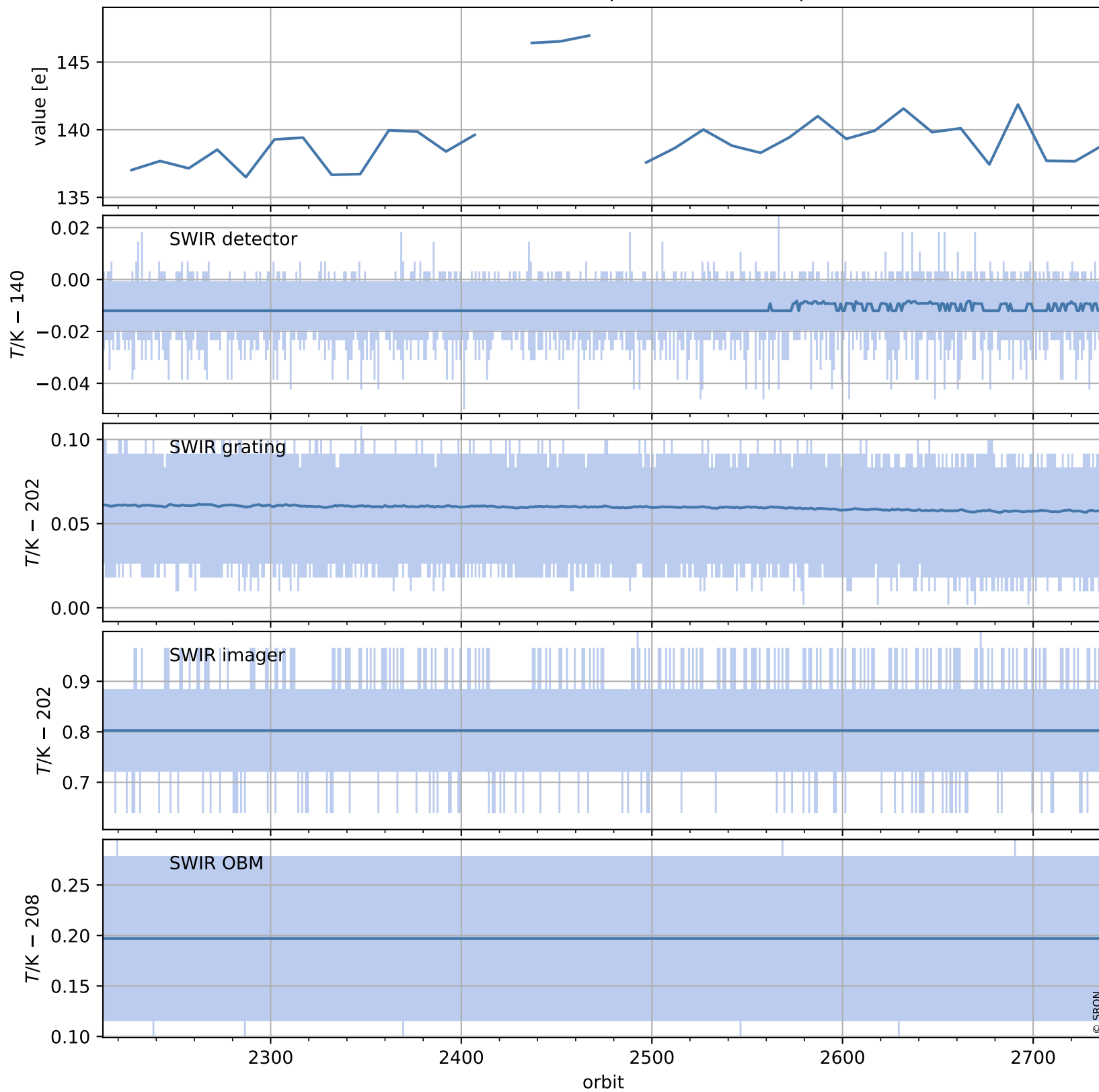
orbits : 14 in [2722, 2737]
coverage : 2018-04-23 / 2018-04-24
created : 2023-08-21T14:18:46



Tropomi SWIR background noise (swir)

orbits : [2212, 2737]
coverage : 2018-03-18 / 2018-04-24
created : 2023-08-21T14:18:46

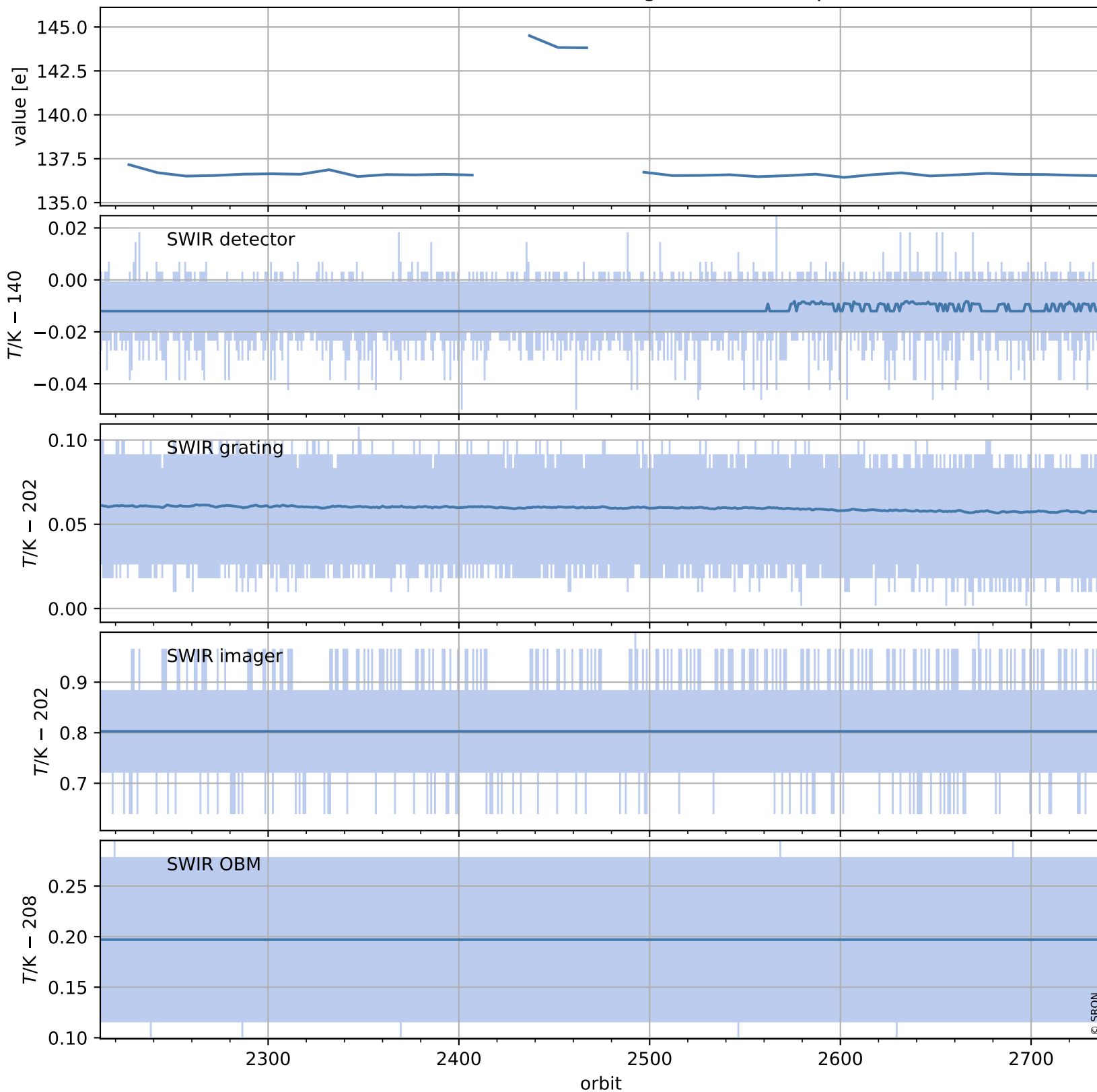
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2737]
coverage : 2018-03-18 / 2018-04-24
created : 2023-08-21T14:18:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2737]
coverage : 2018-03-18 / 2018-04-24
created : 2023-08-21T14:18:47

trend of normalized read-noise & temperatures

