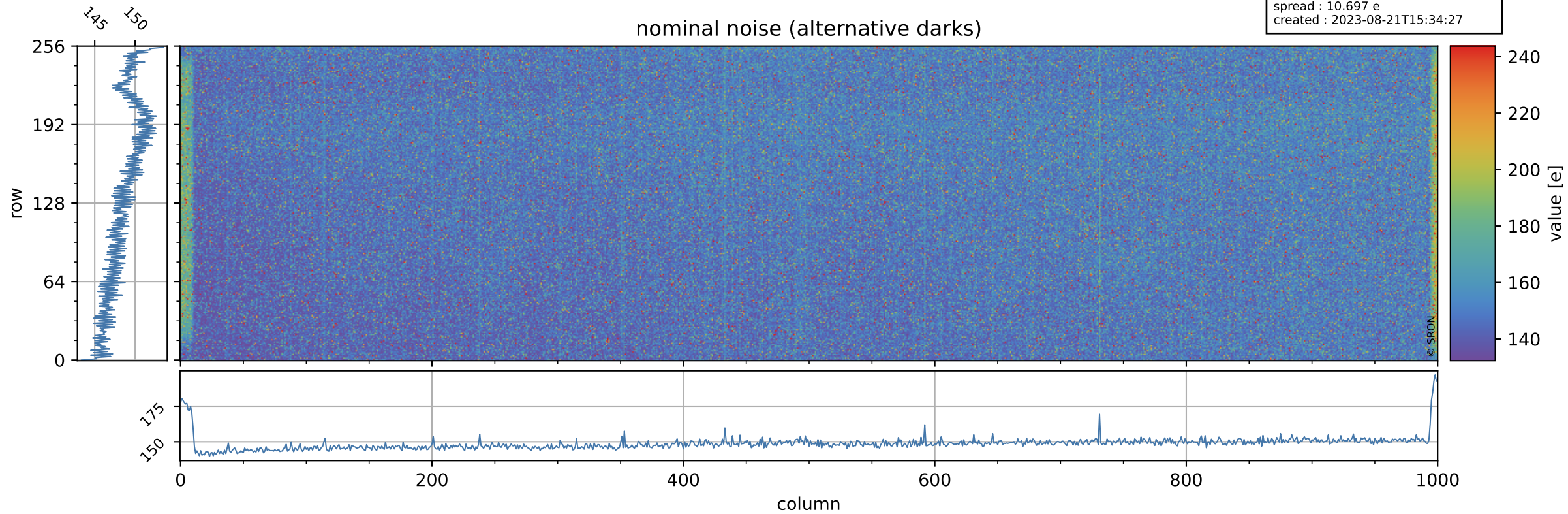


Tropomi SWIR background noise (swir)

orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.697 e
created : 2023-08-21T15:34:27

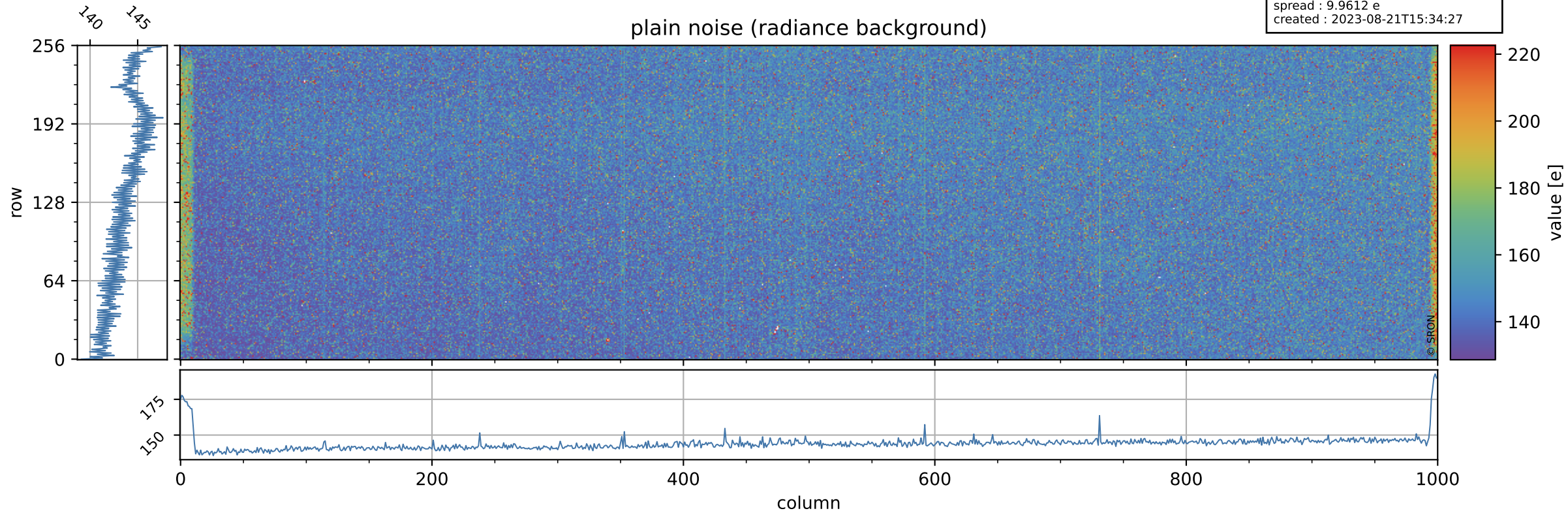
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 9.9612 e
created : 2023-08-21T15:34:27

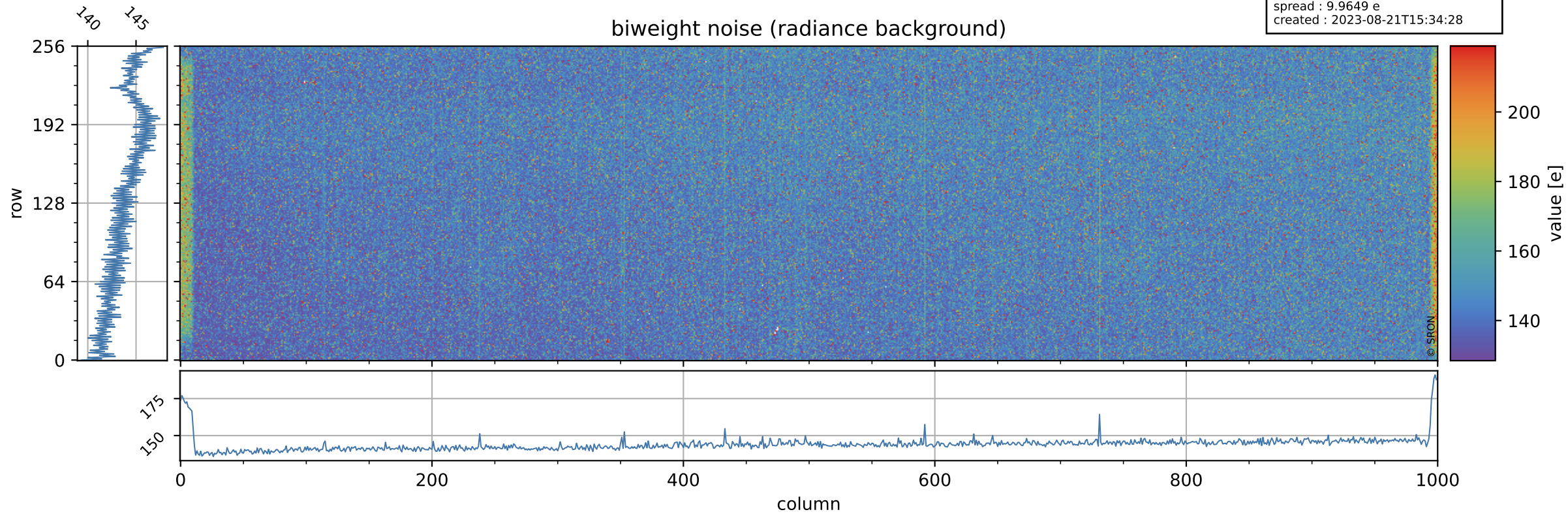
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.9649 e
created : 2023-08-21T15:34:28

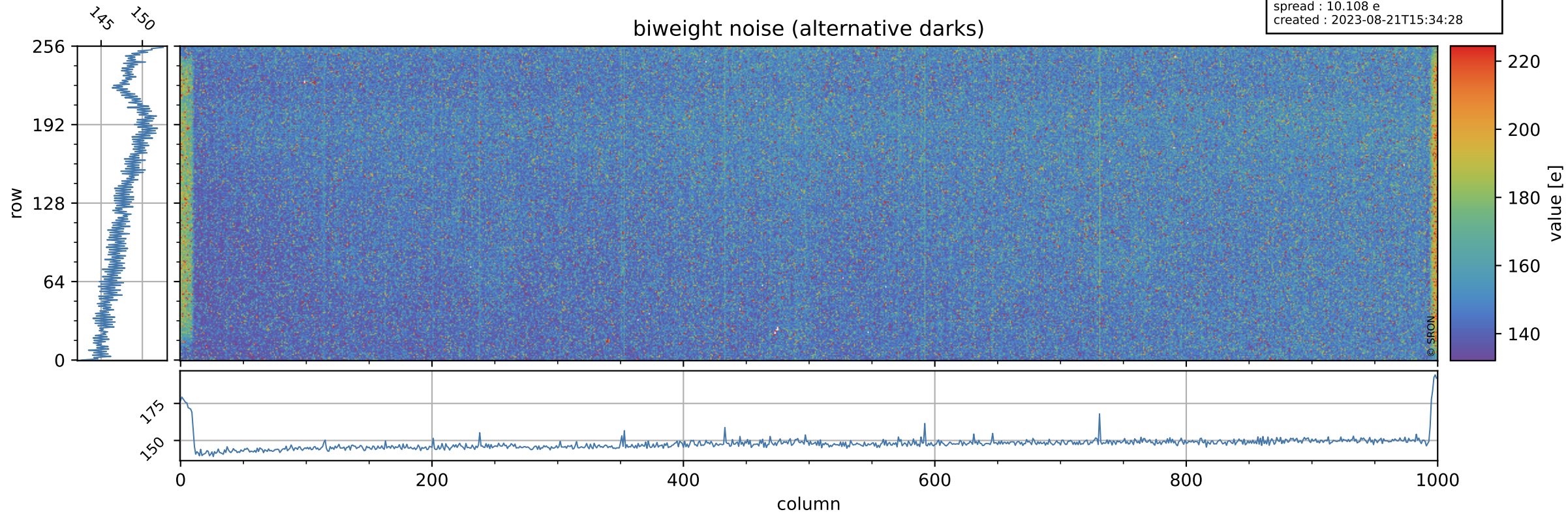
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
n_coad, t_exp : 1, 1.0783
median : 147.66 e
spread : 10.108 e
created : 2023-08-21T15:34:28

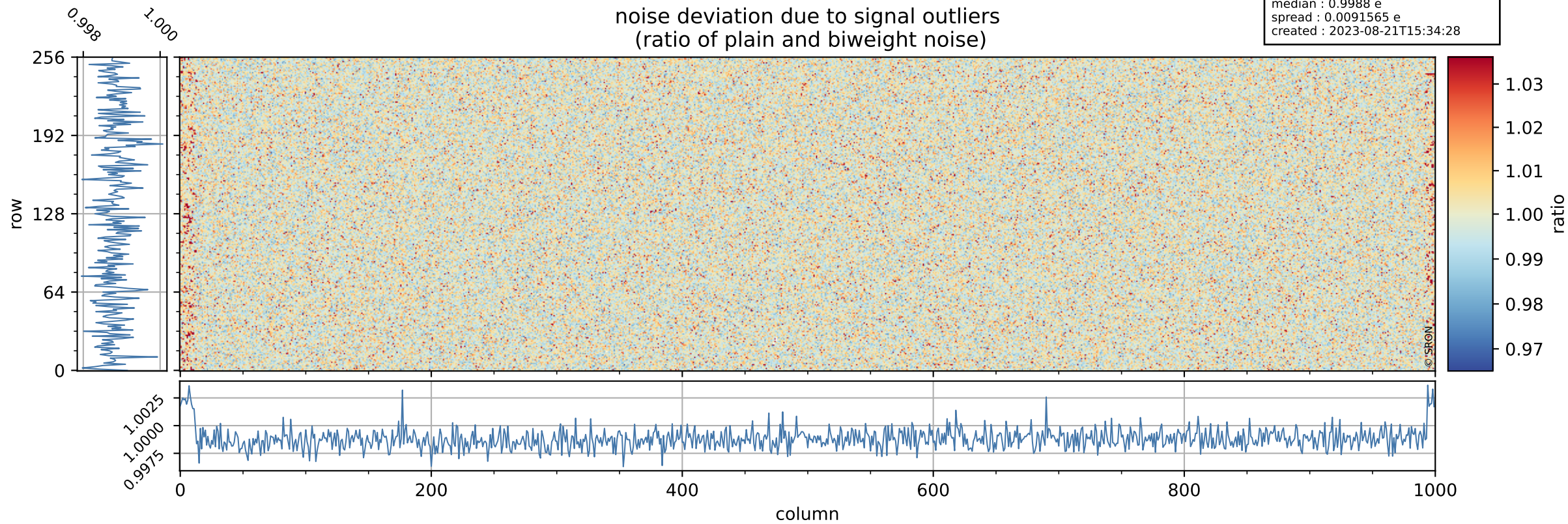
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

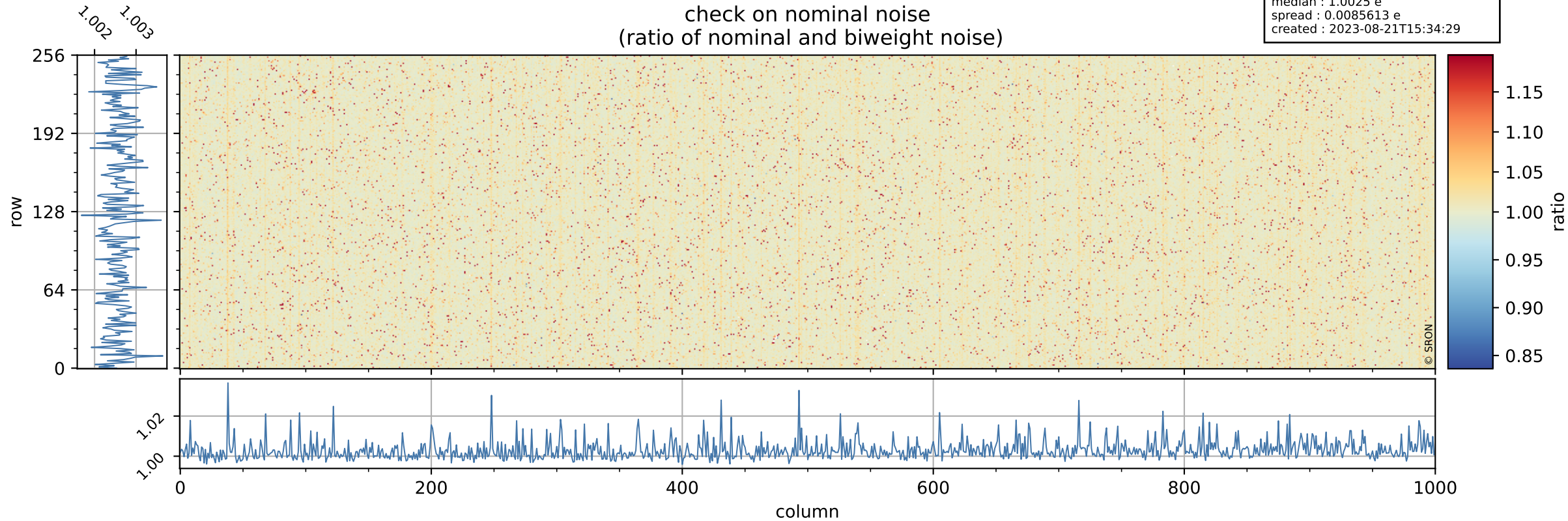
orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
median : 0.9988 e
spread : 0.0091565 e
created : 2023-08-21T15:34:28



Tropomi SWIR background noise (swir)

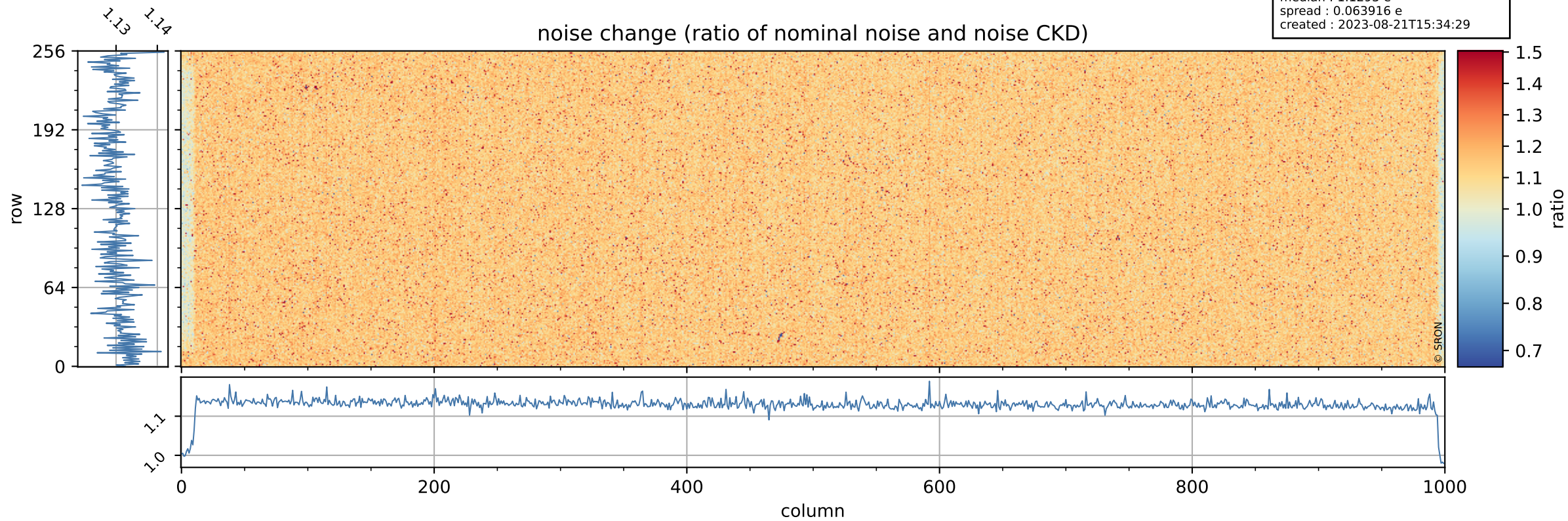
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
median : 1.0025 e
spread : 0.0085613 e
created : 2023-08-21T15:34:29



Tropomi SWIR background noise (swir)

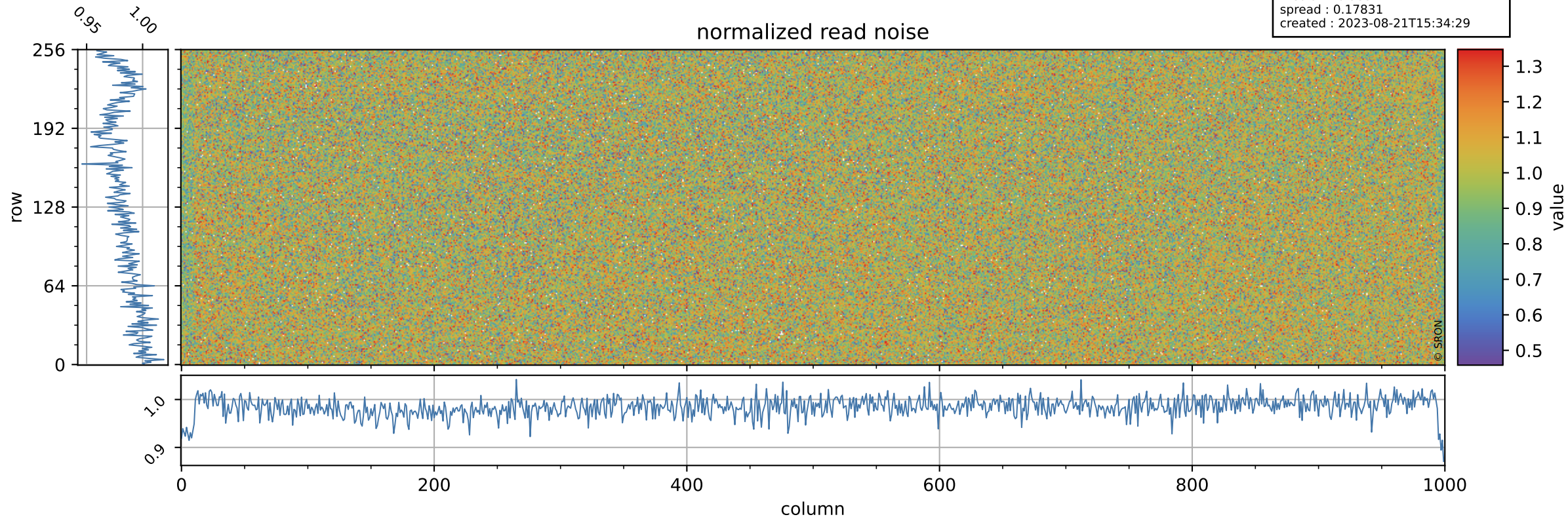
orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
median : 1.1293 e
spread : 0.063916 e
created : 2023-08-21T15:34:29



Tropomi SWIR background noise (swir)

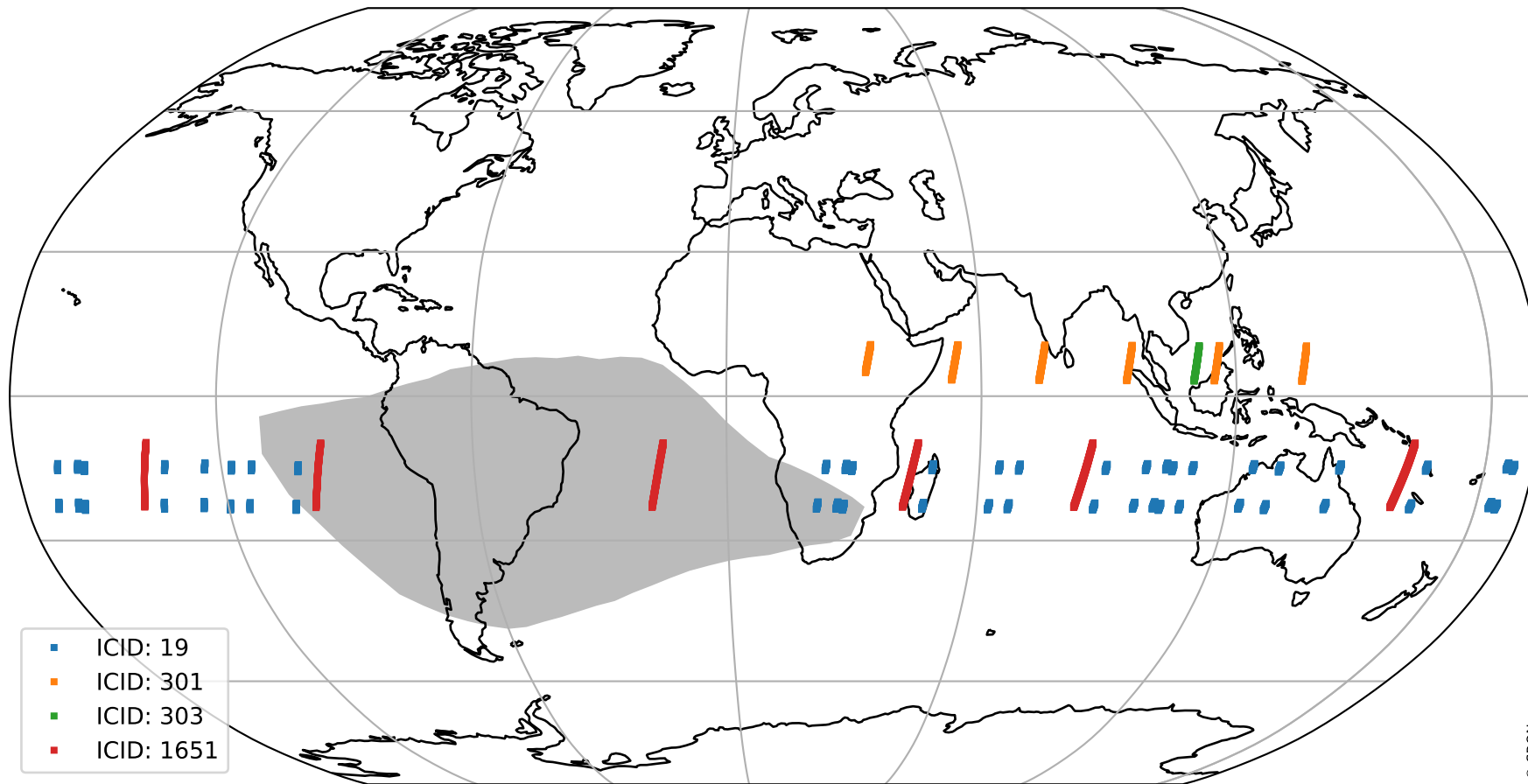
orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
median : 0.98312
spread : 0.17831
created : 2023-08-21T15:34:29

normalized read noise



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

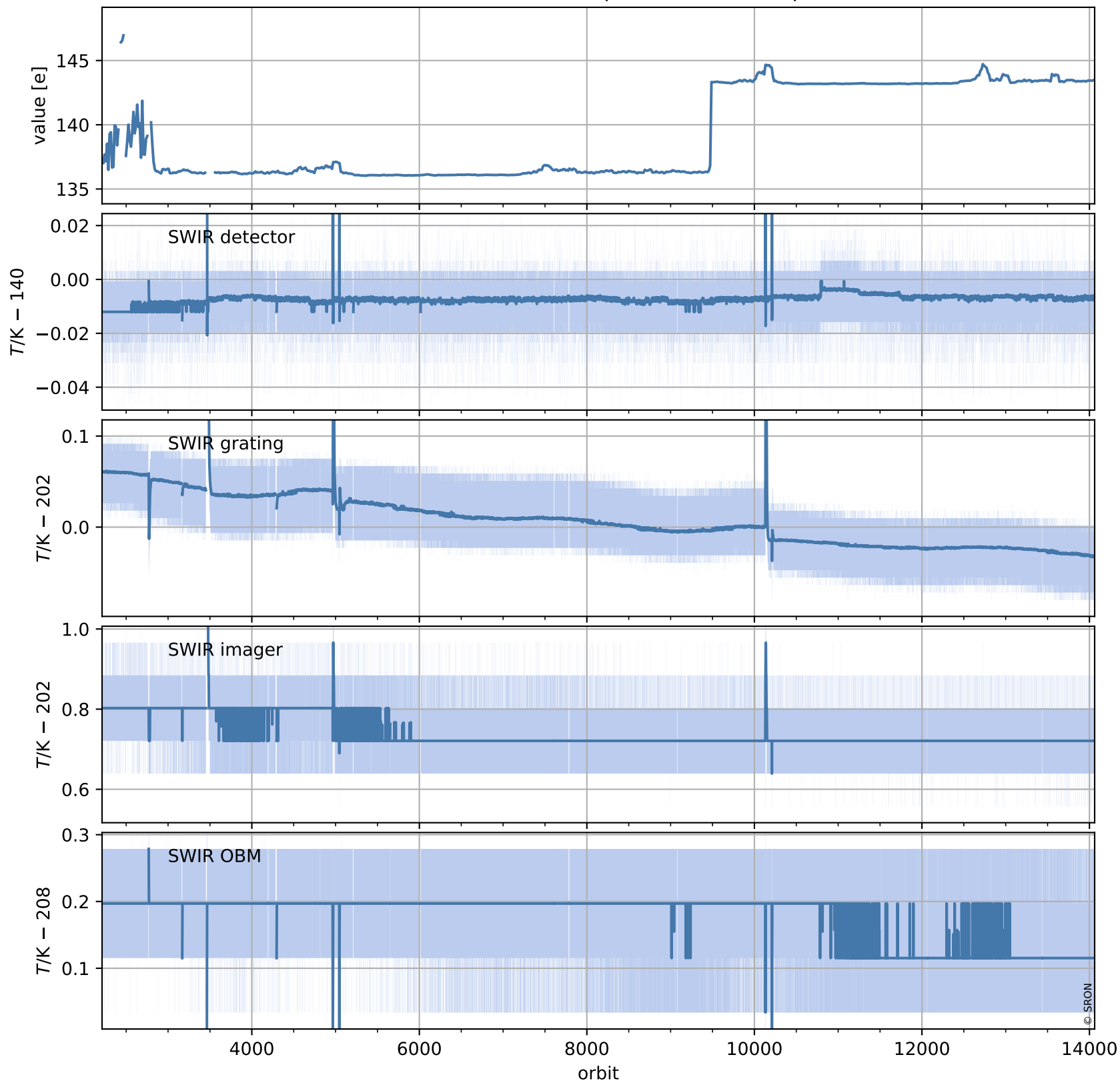
orbits : 13 in [13987, 14062]
coverage : 2020-06-24 / 2020-06-29
created : 2023-08-21T15:34:29



Tropomi SWIR background noise (swir)

orbits : [2212, 14062]
coverage : 2018-03-18 / 2020-06-29
created : 2023-08-21T15:34:30

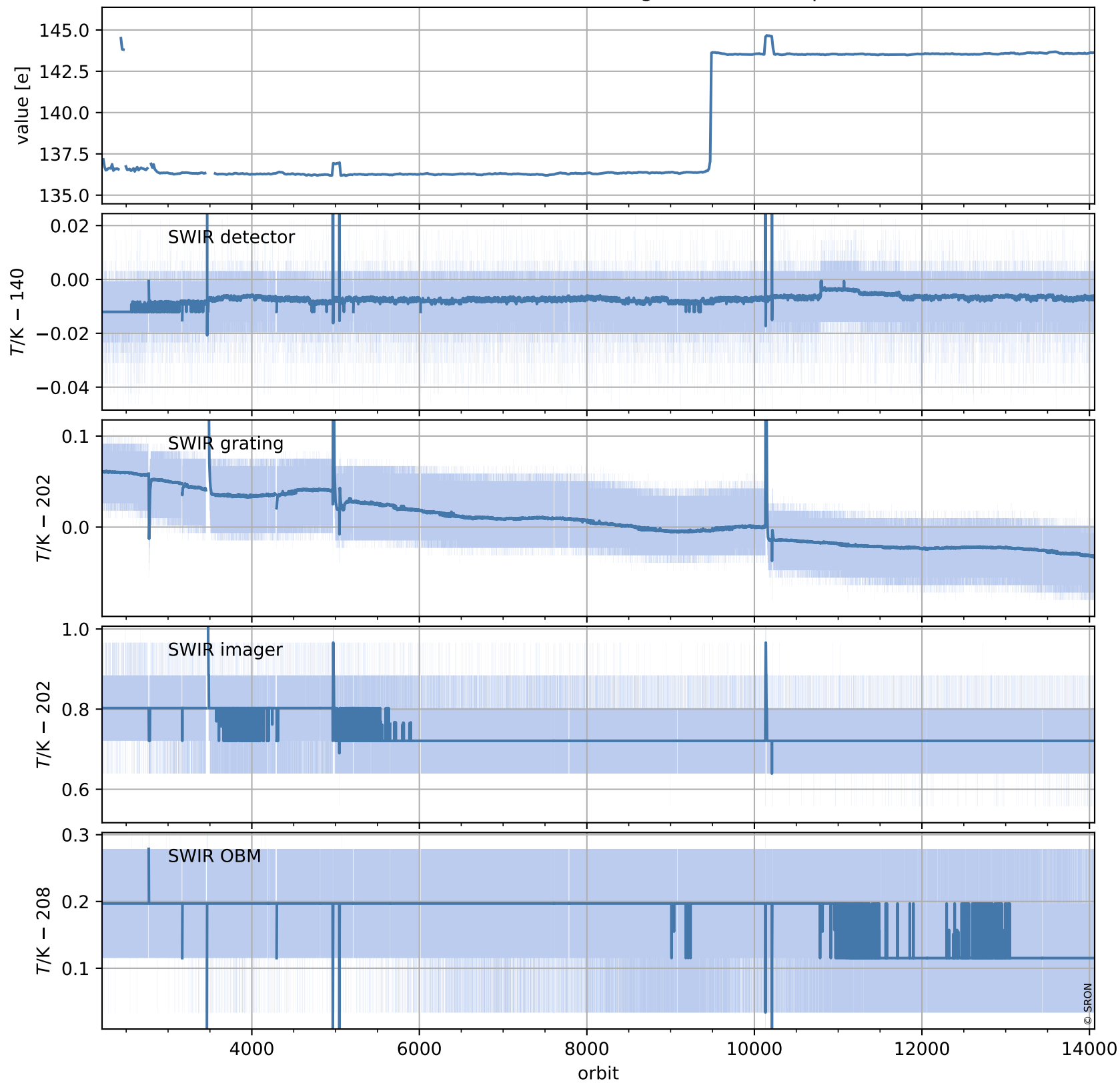
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14062]
coverage : 2018-03-18 / 2020-06-29
created : 2023-08-21T15:34:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14062]
coverage : 2018-03-18 / 2020-06-29
created : 2023-08-21T15:34:31

trend of normalized read-noise & temperatures

