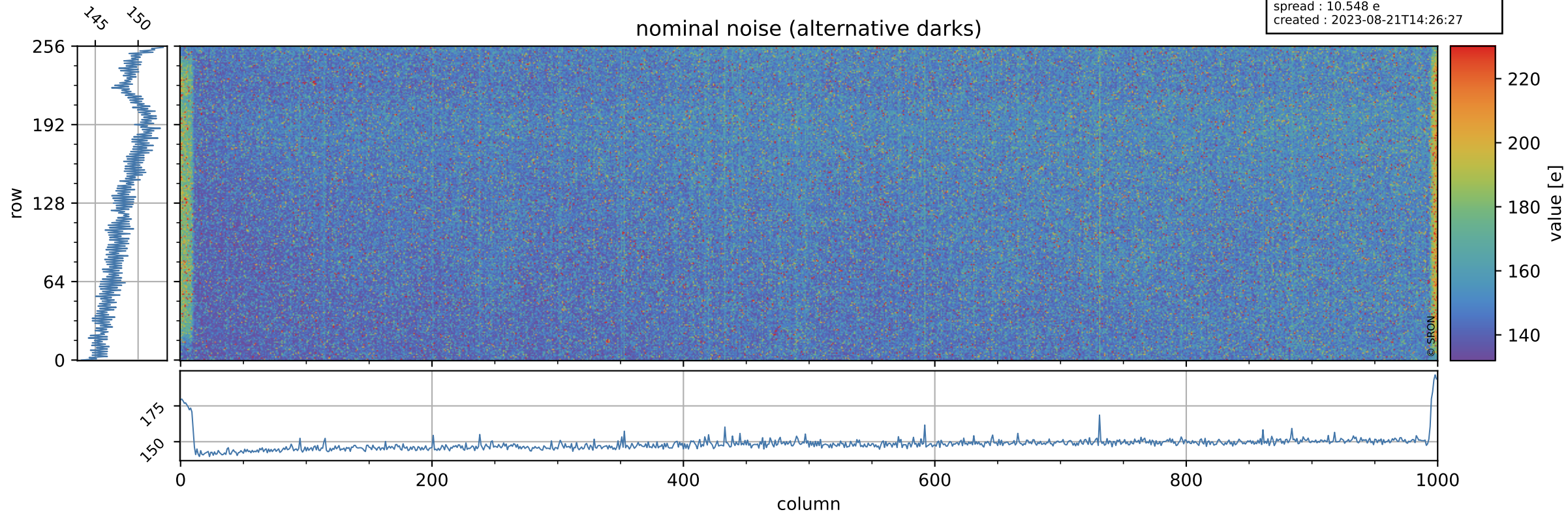


Tropomi SWIR background noise (swir)

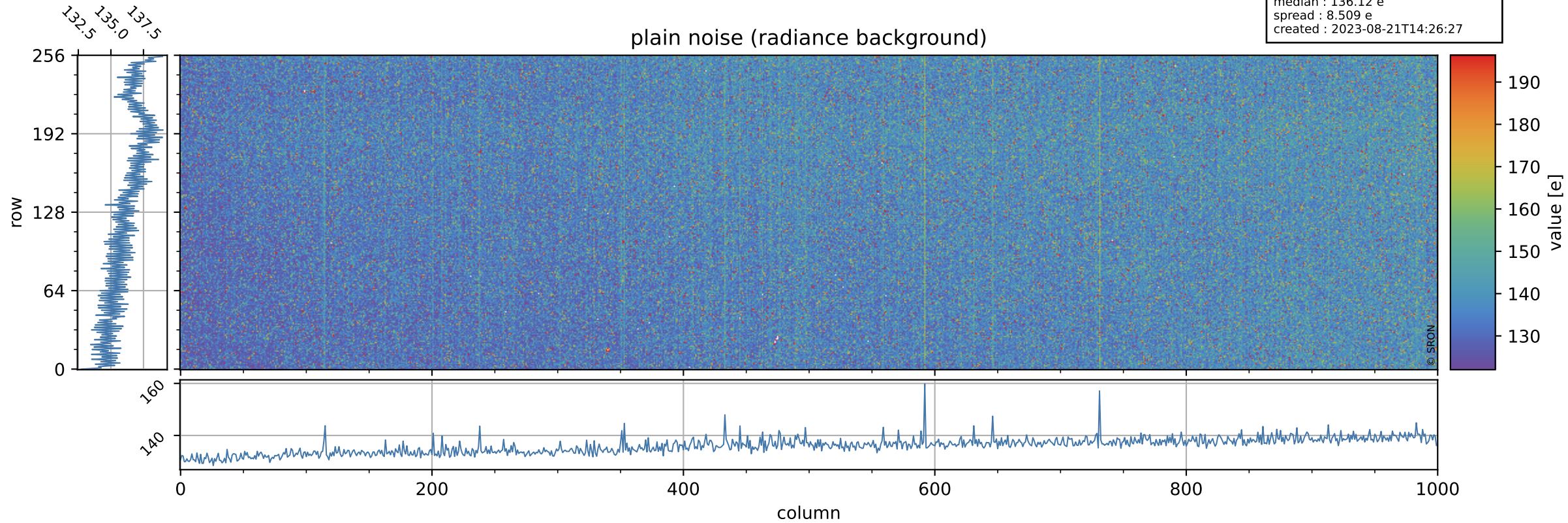
orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.548 e
created : 2023-08-21T14:26:27



Tropomi SWIR background noise (swir)

orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
n_coad, t_exp : 2, 0.5383
median : 136.12 e
spread : 8.509 e
created : 2023-08-21T14:26:27

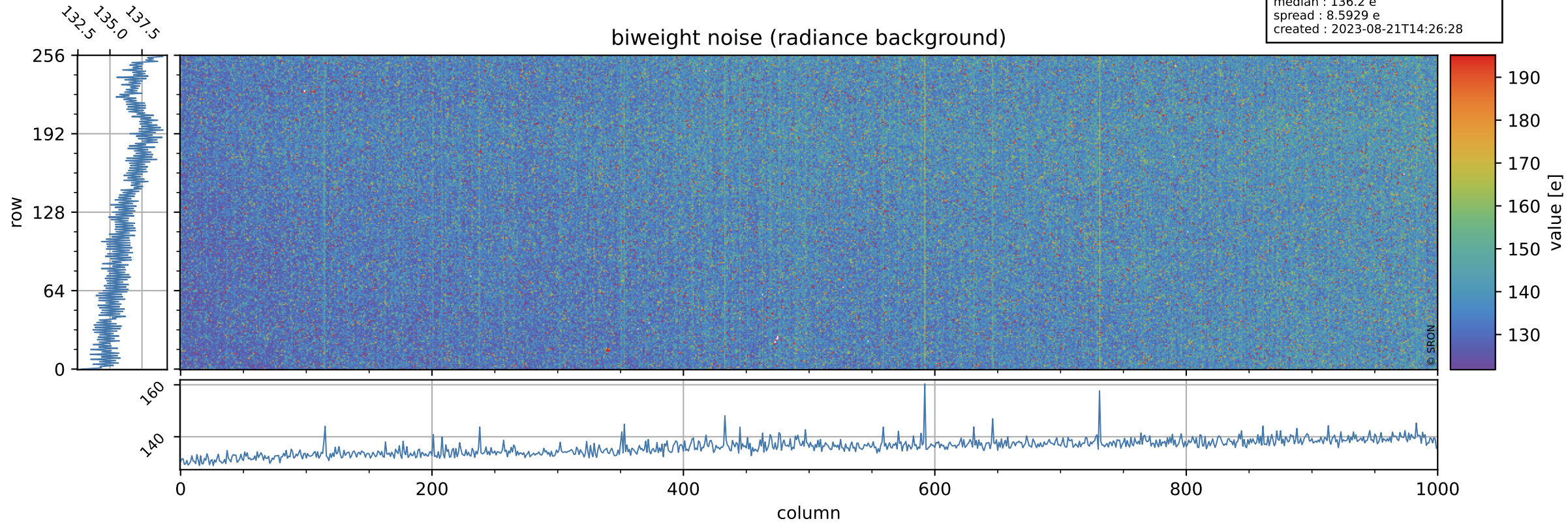
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.5929 e
created : 2023-08-21T14:26:28

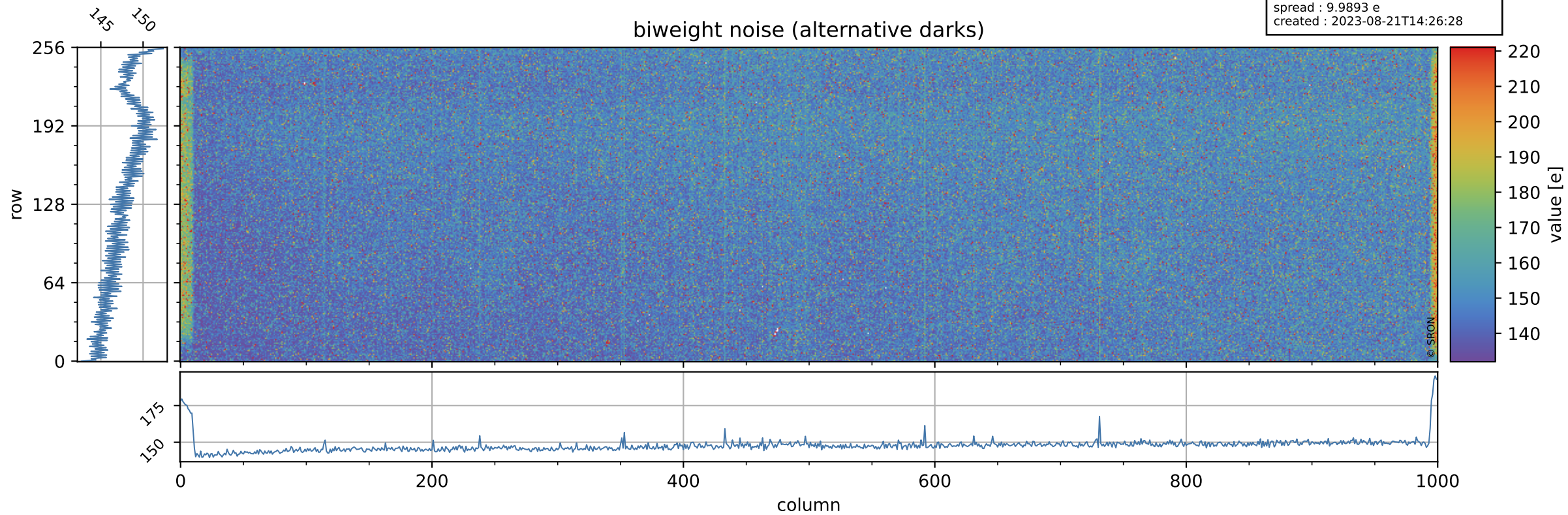
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.9893 e
created : 2023-08-21T14:26:28

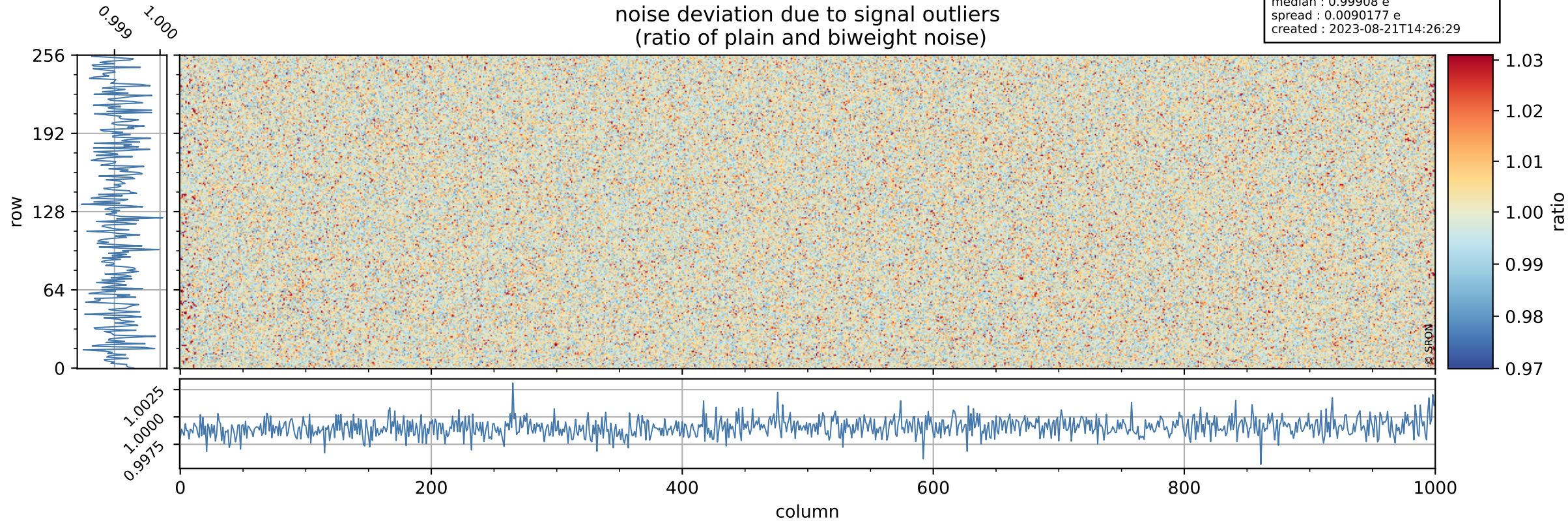
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

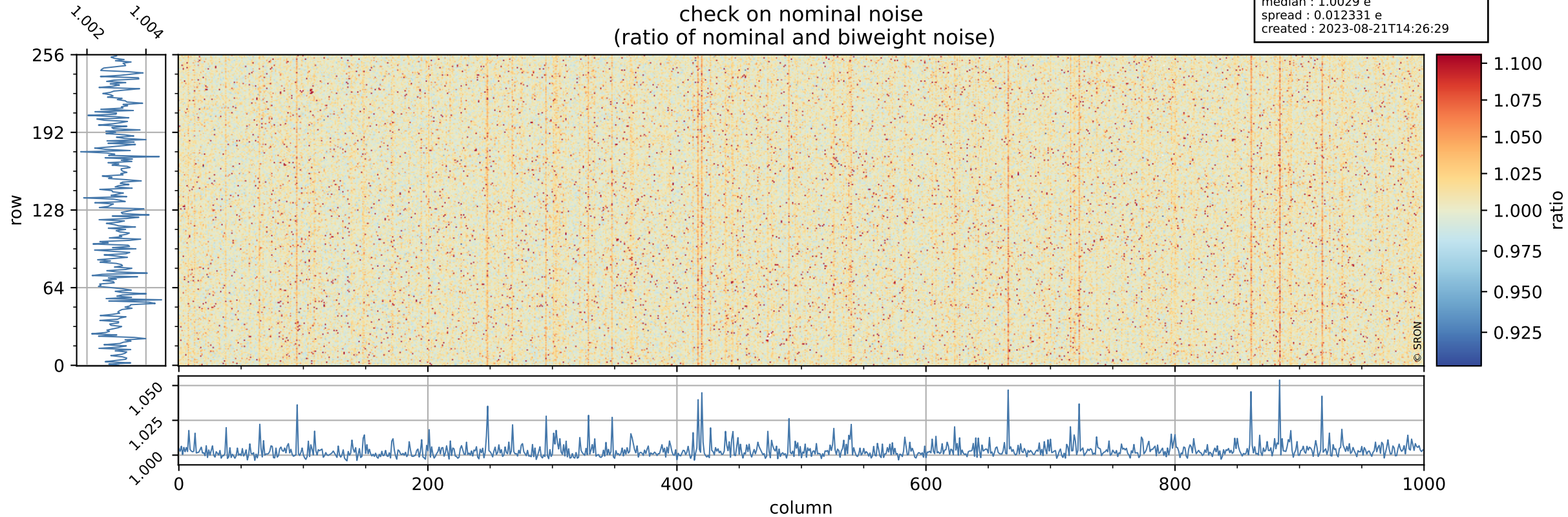
orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
median : 0.99908 e
spread : 0.0090177 e
created : 2023-08-21T14:26:29



Tropomi SWIR background noise (swir)

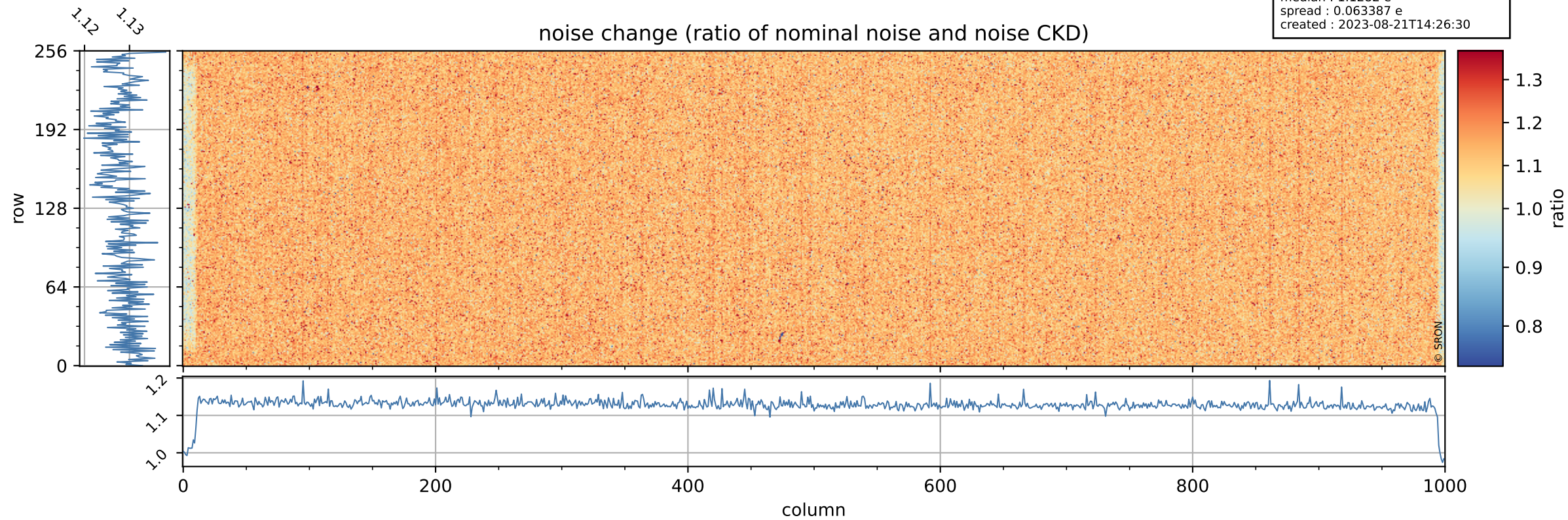
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
median : 1.0029 e
spread : 0.012331 e
created : 2023-08-21T14:26:29



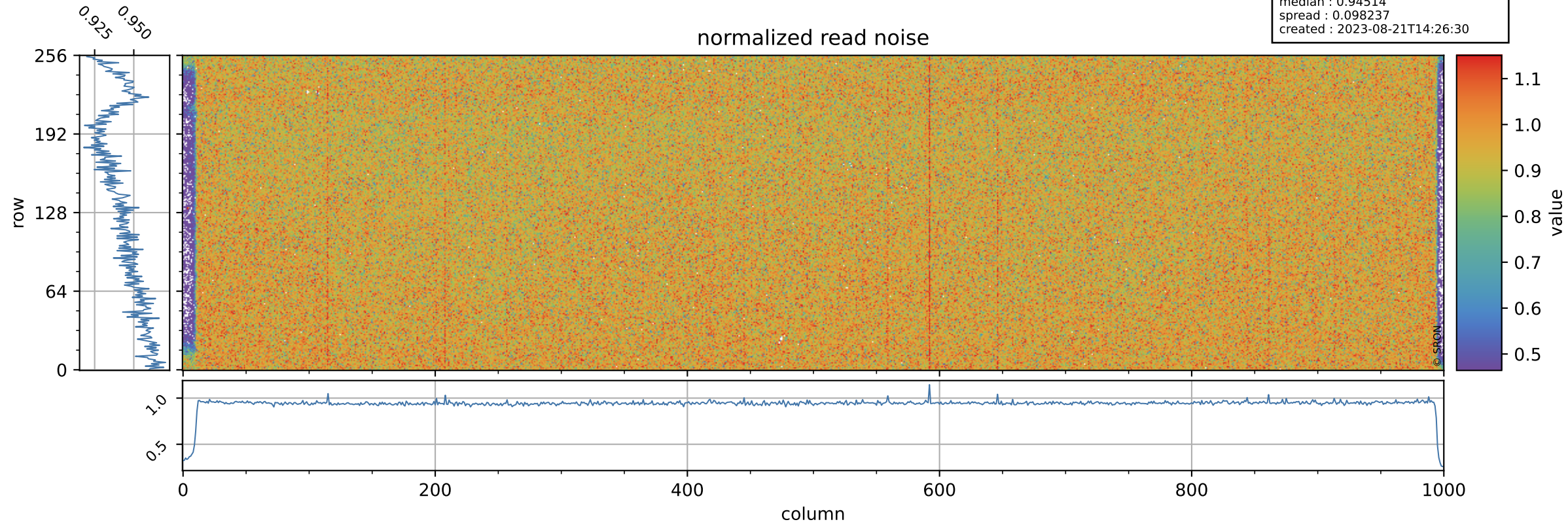
Tropomi SWIR background noise (swir)

orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
median : 1.1282 e
spread : 0.063387 e
created : 2023-08-21T14:26:30



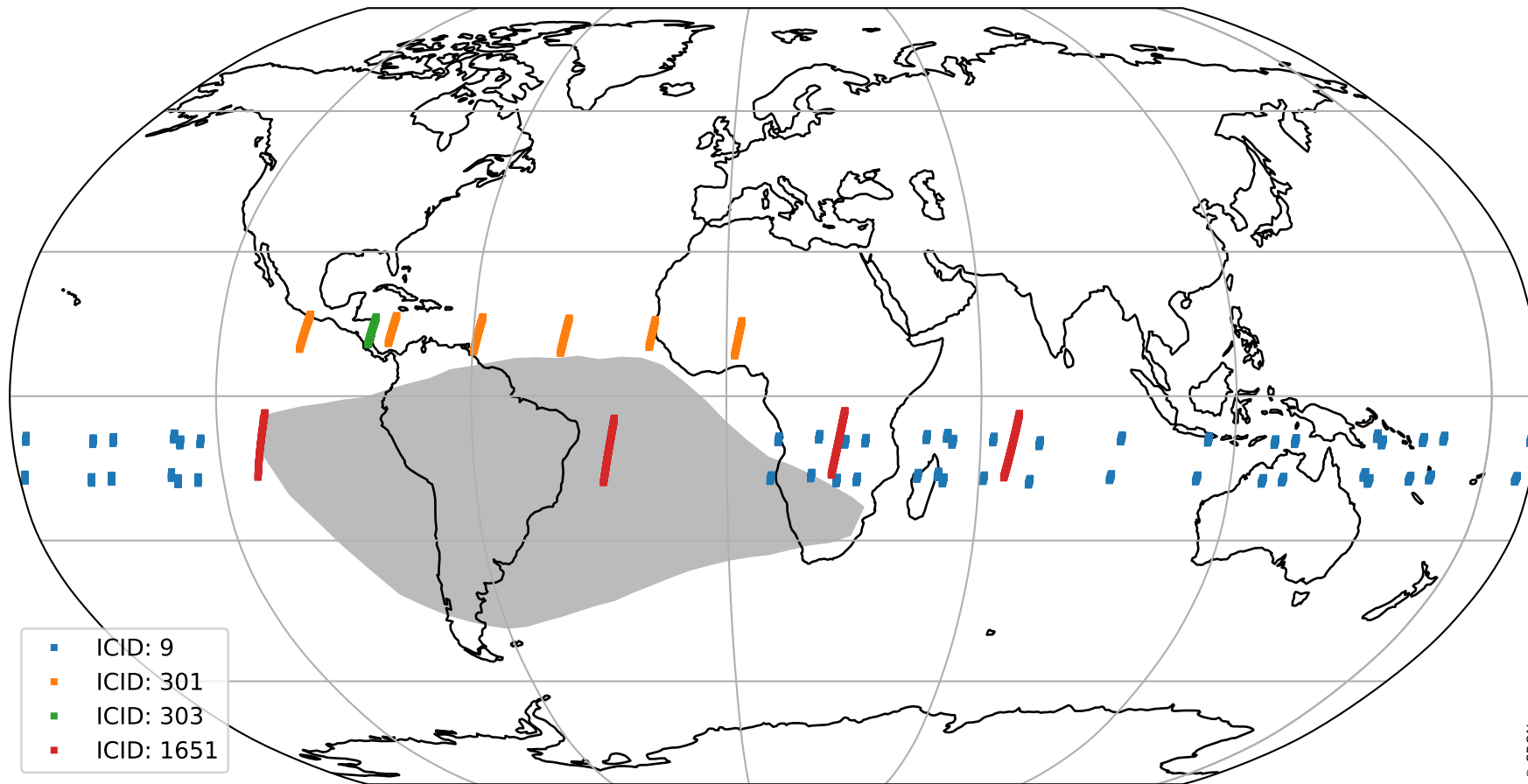
Tropomi SWIR background noise (swir)

orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
median : 0.94514
spread : 0.098237
created : 2023-08-21T14:26:30



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

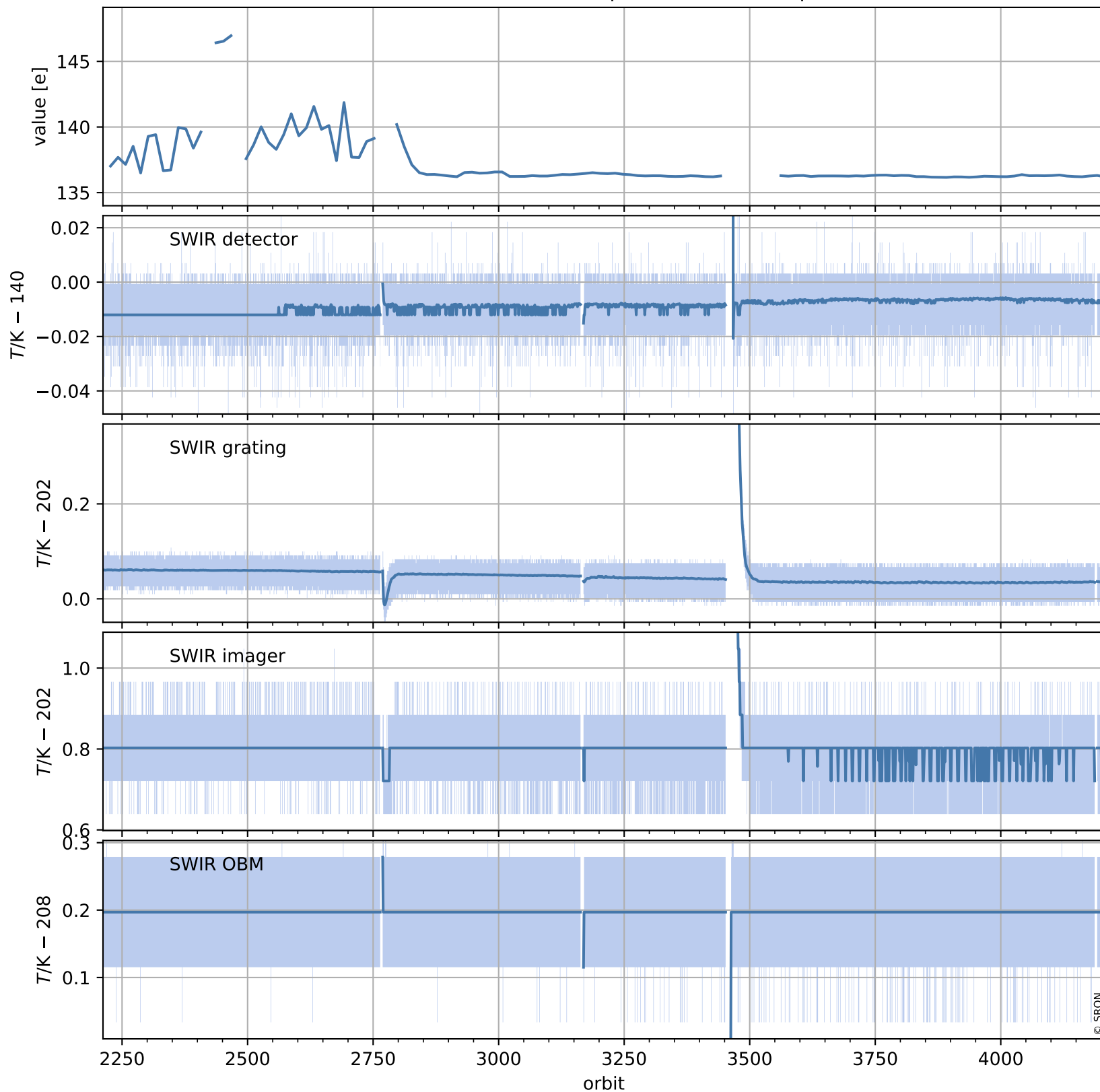
orbits : 11 in [4117, 4207]
coverage : 2018-07-30 / 2018-08-05
created : 2023-08-21T14:26:30



Tropomi SWIR background noise (swir)

orbits : [2212, 4207]
coverage : 2018-03-18 / 2018-08-05
created : 2023-08-21T14:26:31

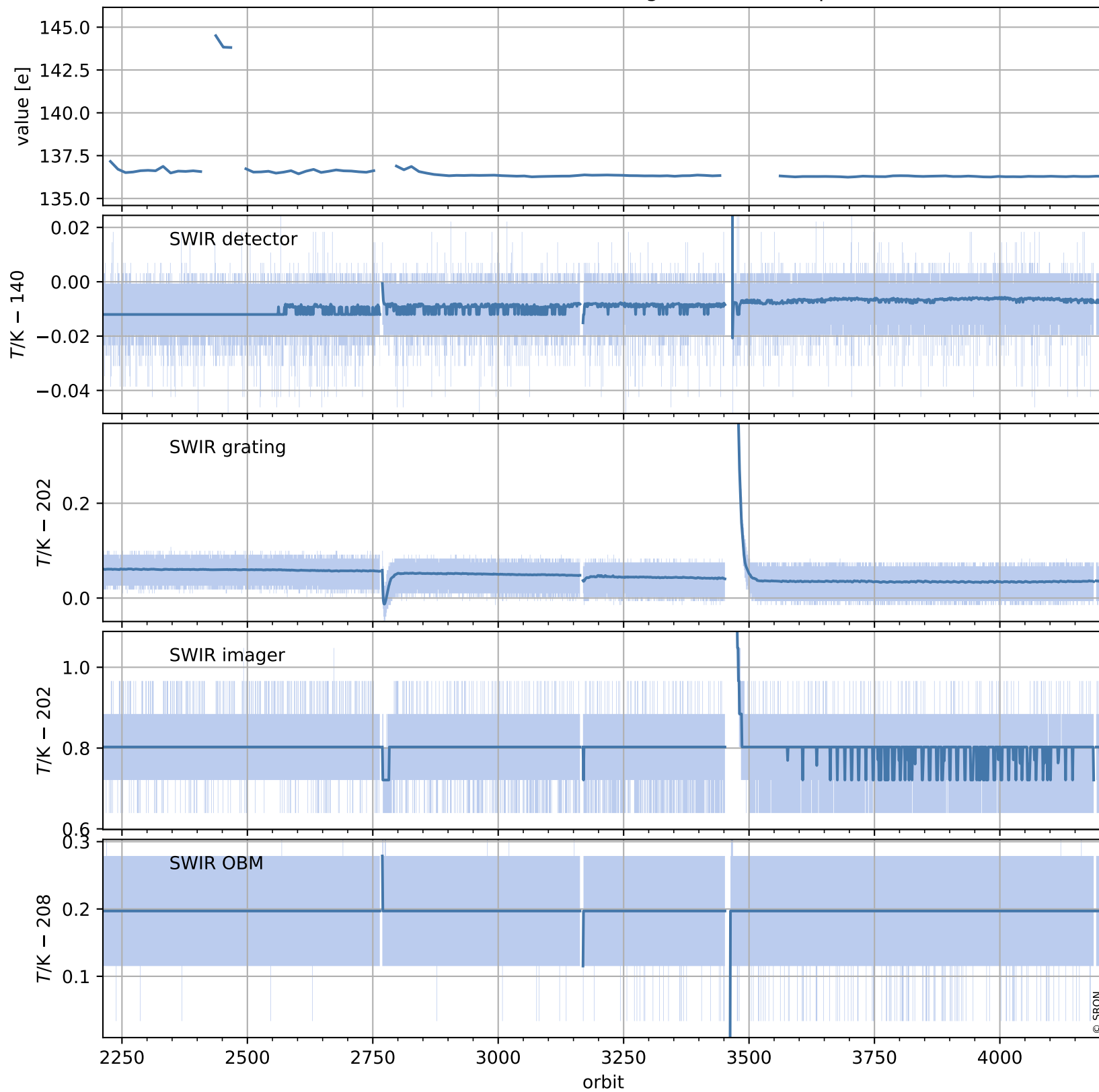
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4207]
coverage : 2018-03-18 / 2018-08-05
created : 2023-08-21T14:26:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4207]
coverage : 2018-03-18 / 2018-08-05
created : 2023-08-21T14:26:32

trend of normalized read-noise & temperatures

