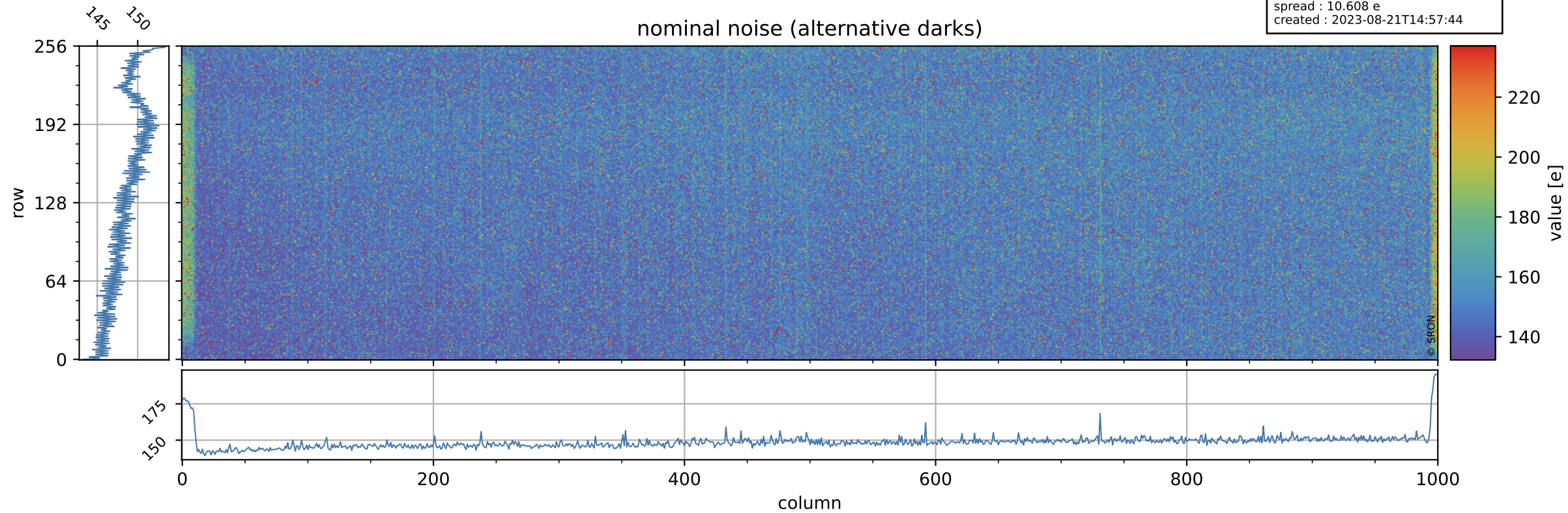


Tropomi SWIR background noise (swir)

orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.608 e
created : 2023-08-21T14:57:44

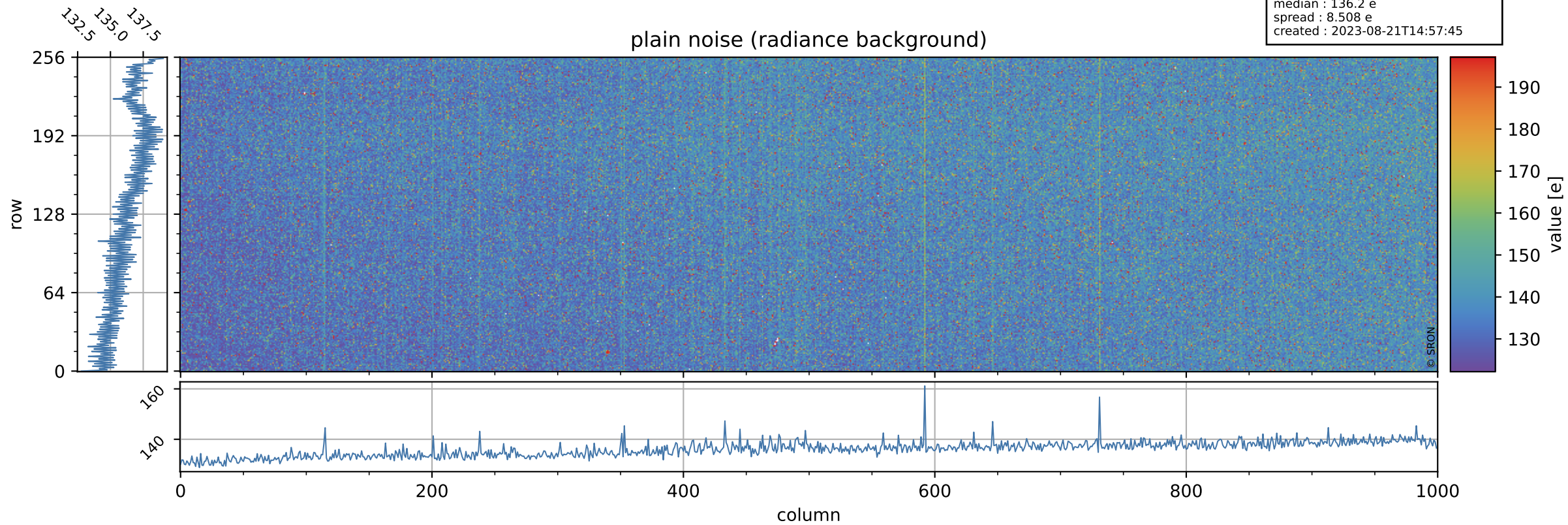
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.508 e
created : 2023-08-21T14:57:45

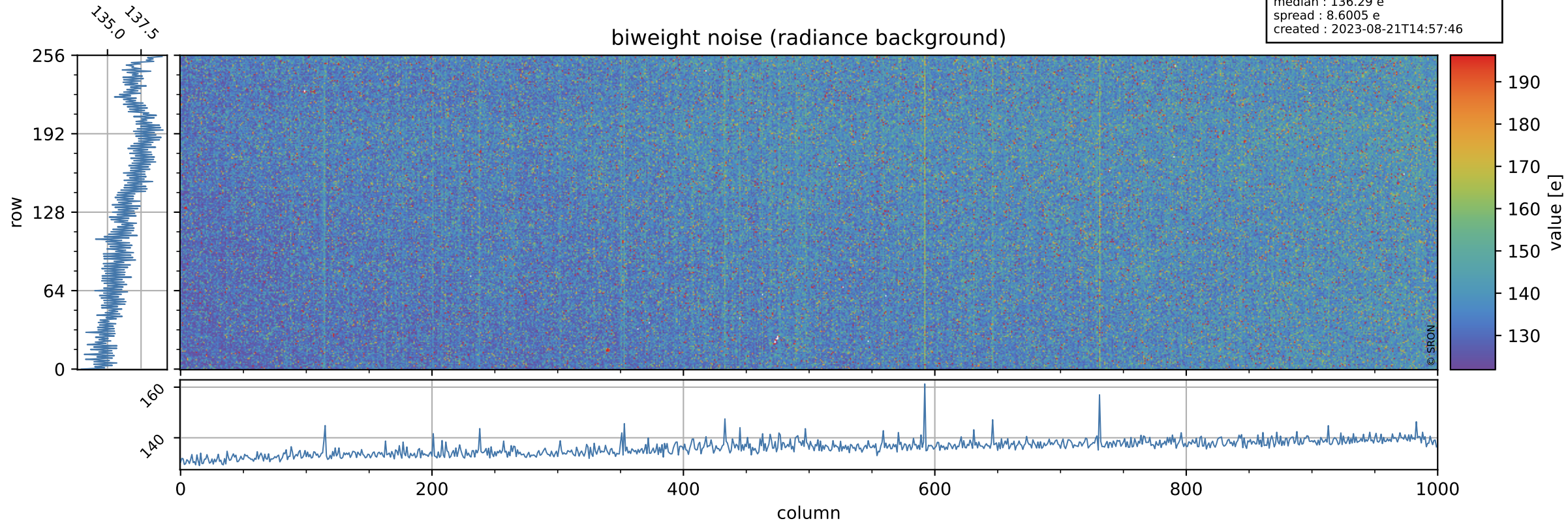
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
n_coad, t_exp : 2, 0.5383
median : 136.29 e
spread : 8.6005 e
created : 2023-08-21T14:57:46

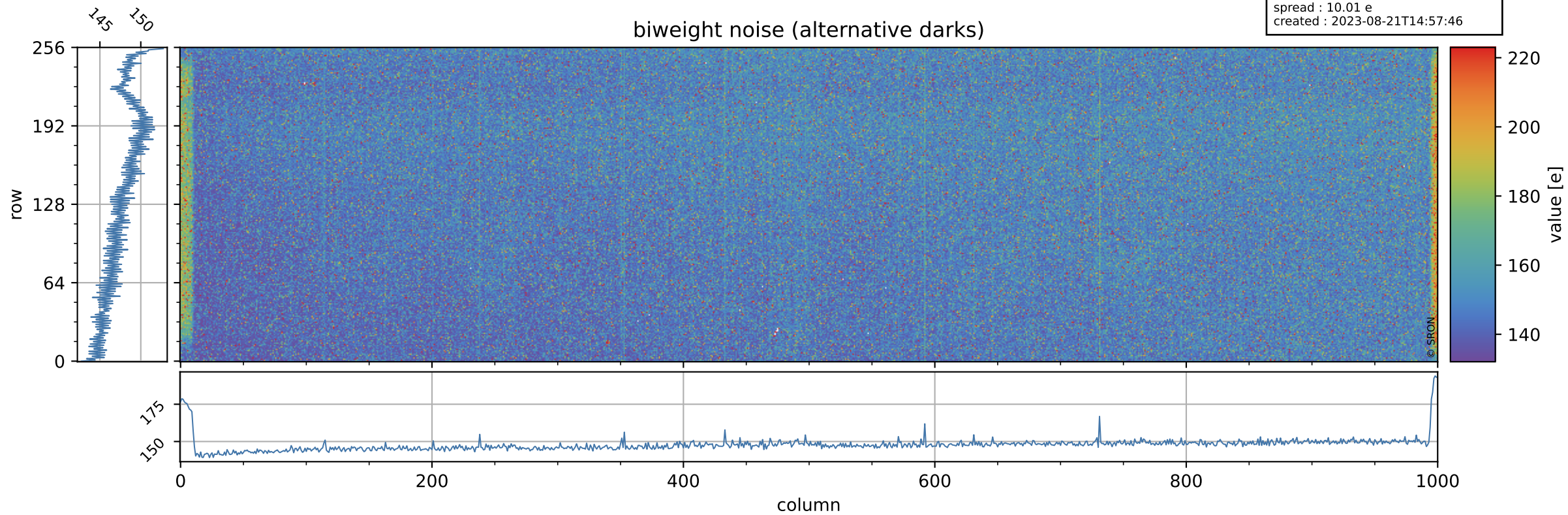
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.01 e
created : 2023-08-21T14:57:46

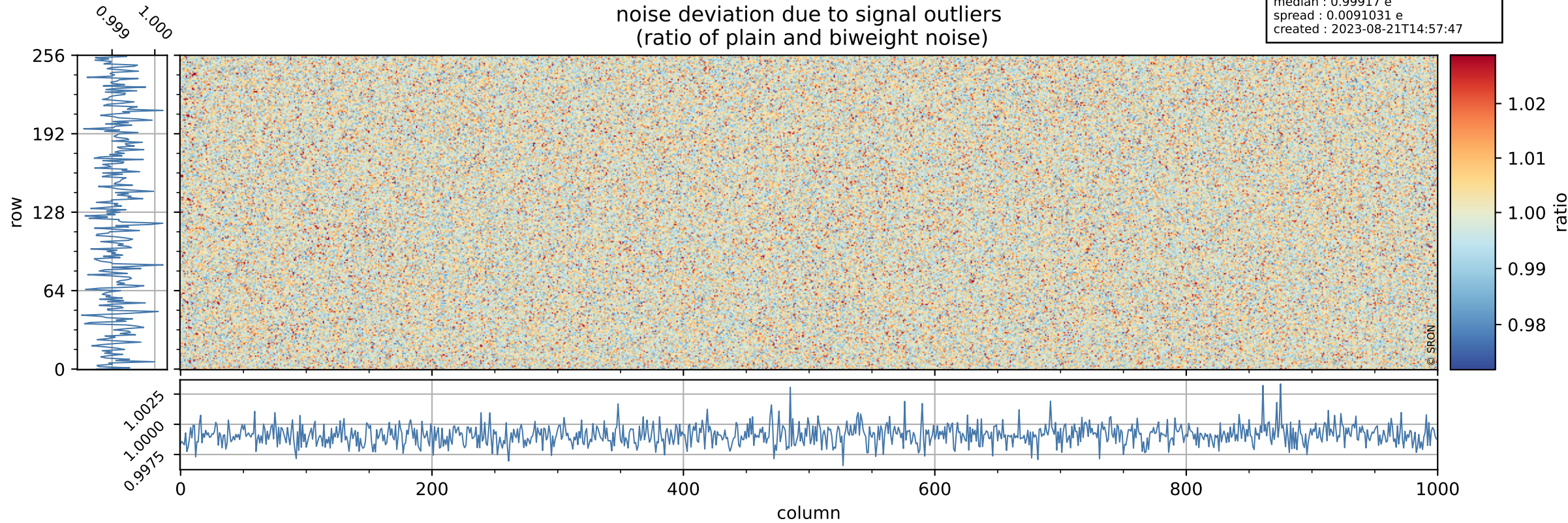
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

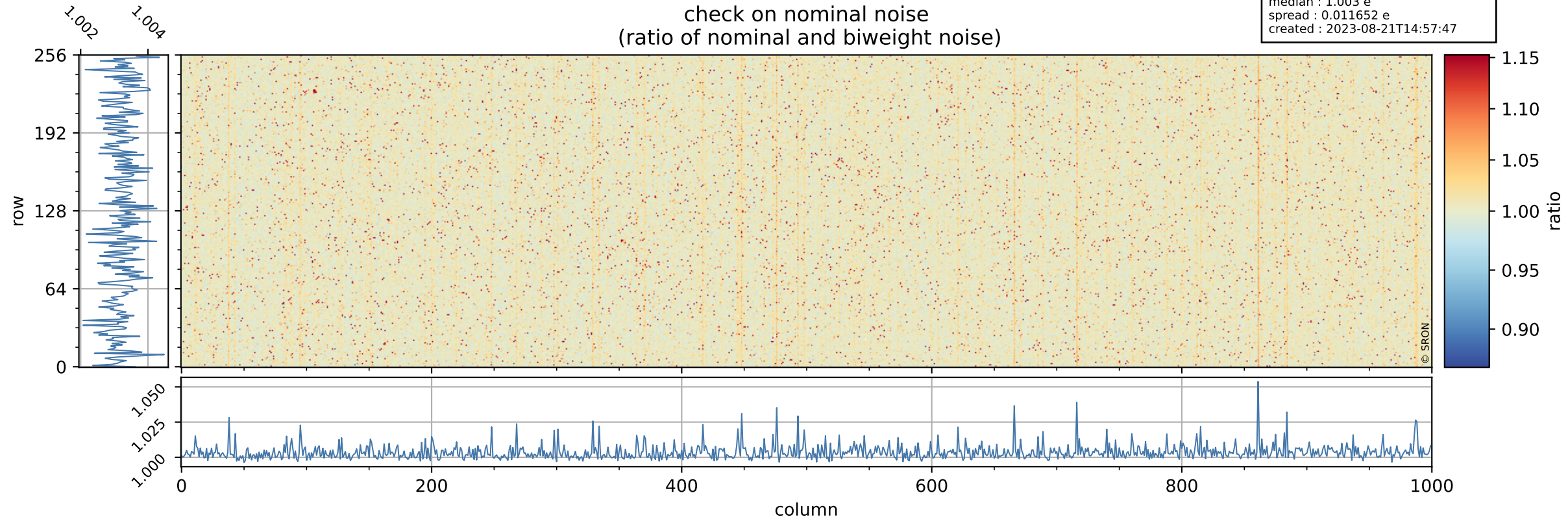
orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
median : 0.99917 e
spread : 0.0091031 e
created : 2023-08-21T14:57:47



Tropomi SWIR background noise (swir)

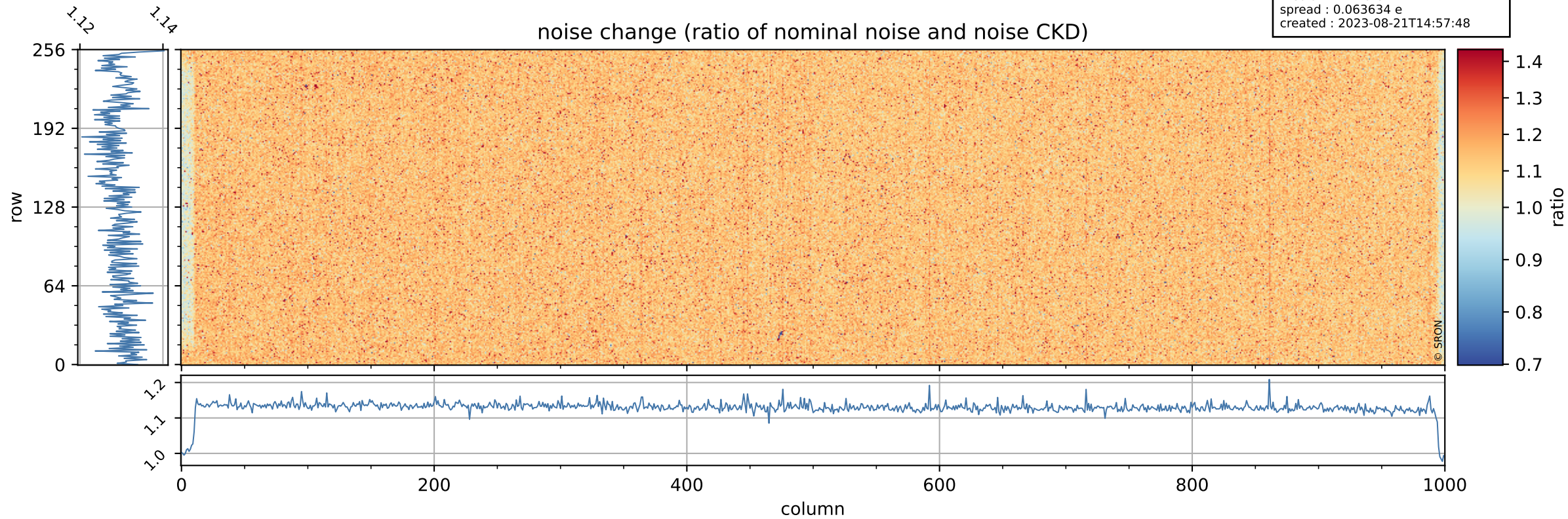
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
median : 1.003 e
spread : 0.011652 e
created : 2023-08-21T14:57:47



Tropomi SWIR background noise (swir)

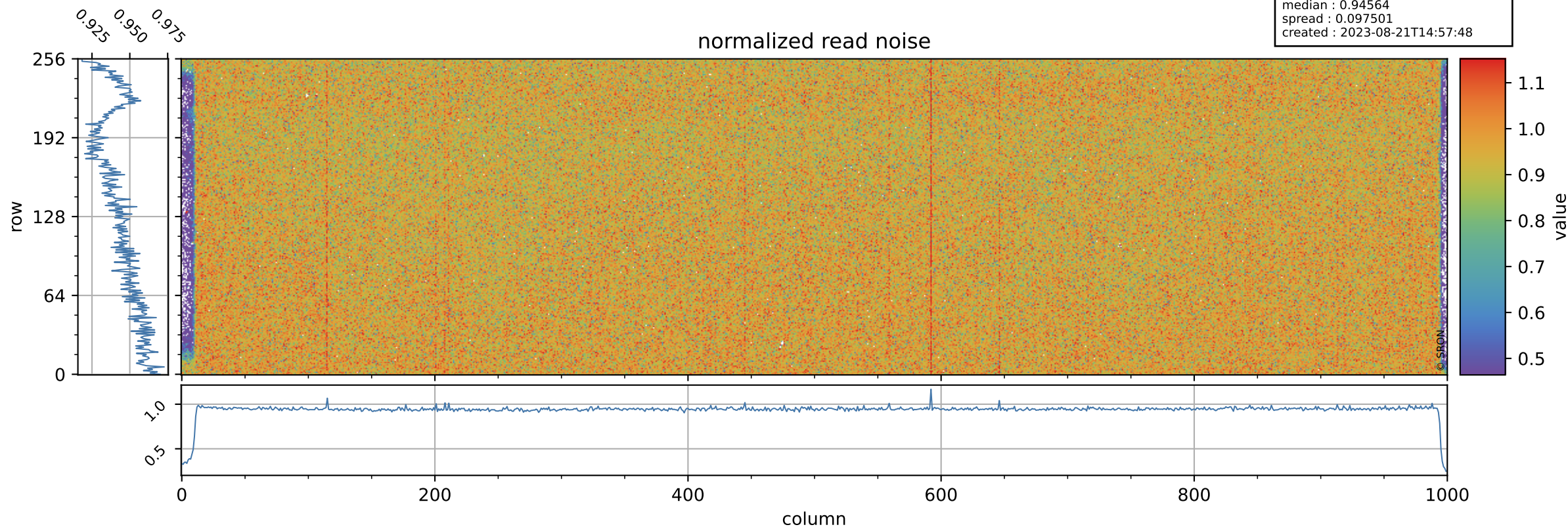
orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
median : 1.129 e
spread : 0.063634 e
created : 2023-08-21T14:57:48



Tropomi SWIR background noise (swir)

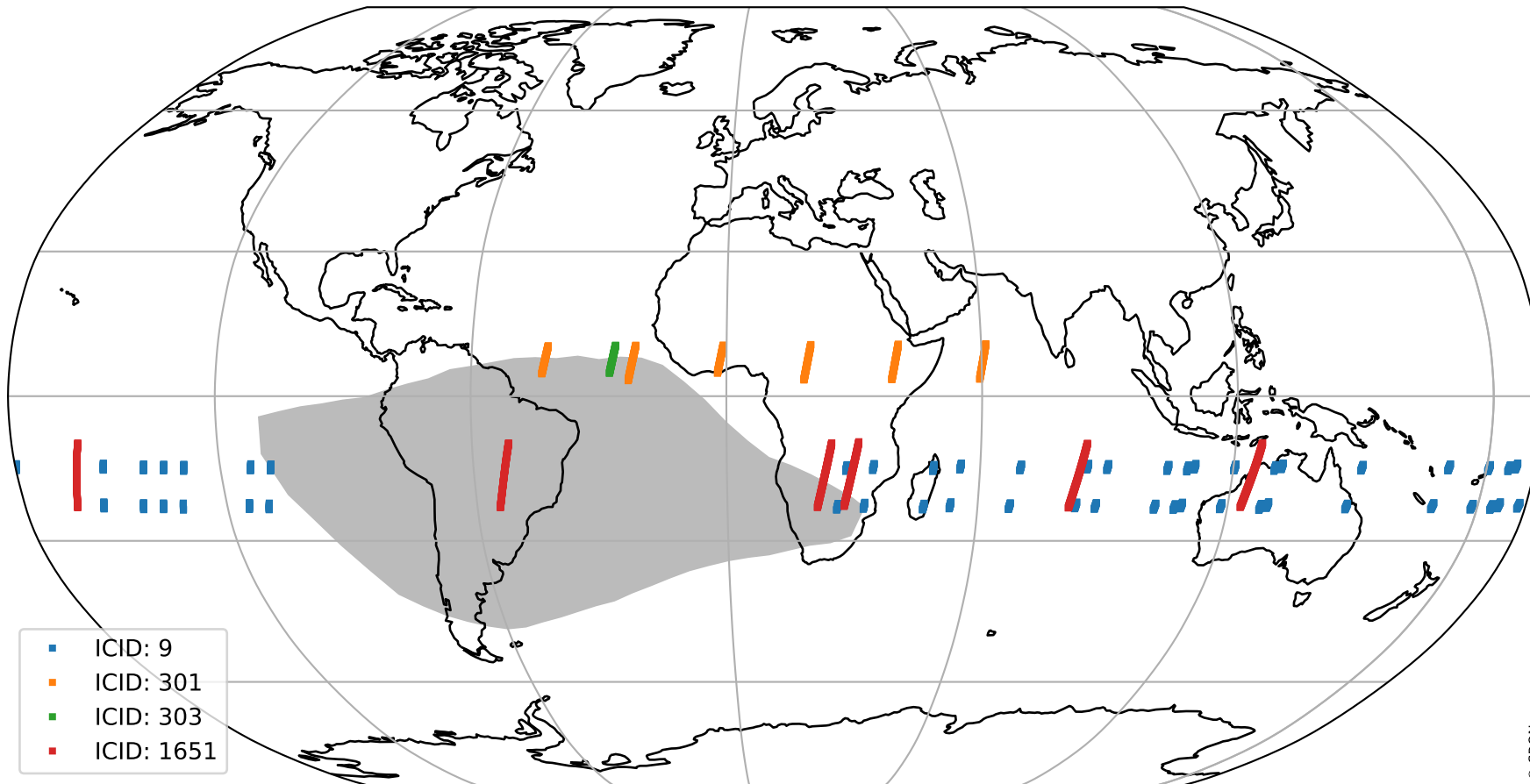
orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
median : 0.94564
spread : 0.097501
created : 2023-08-21T14:57:48

normalized read noise



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

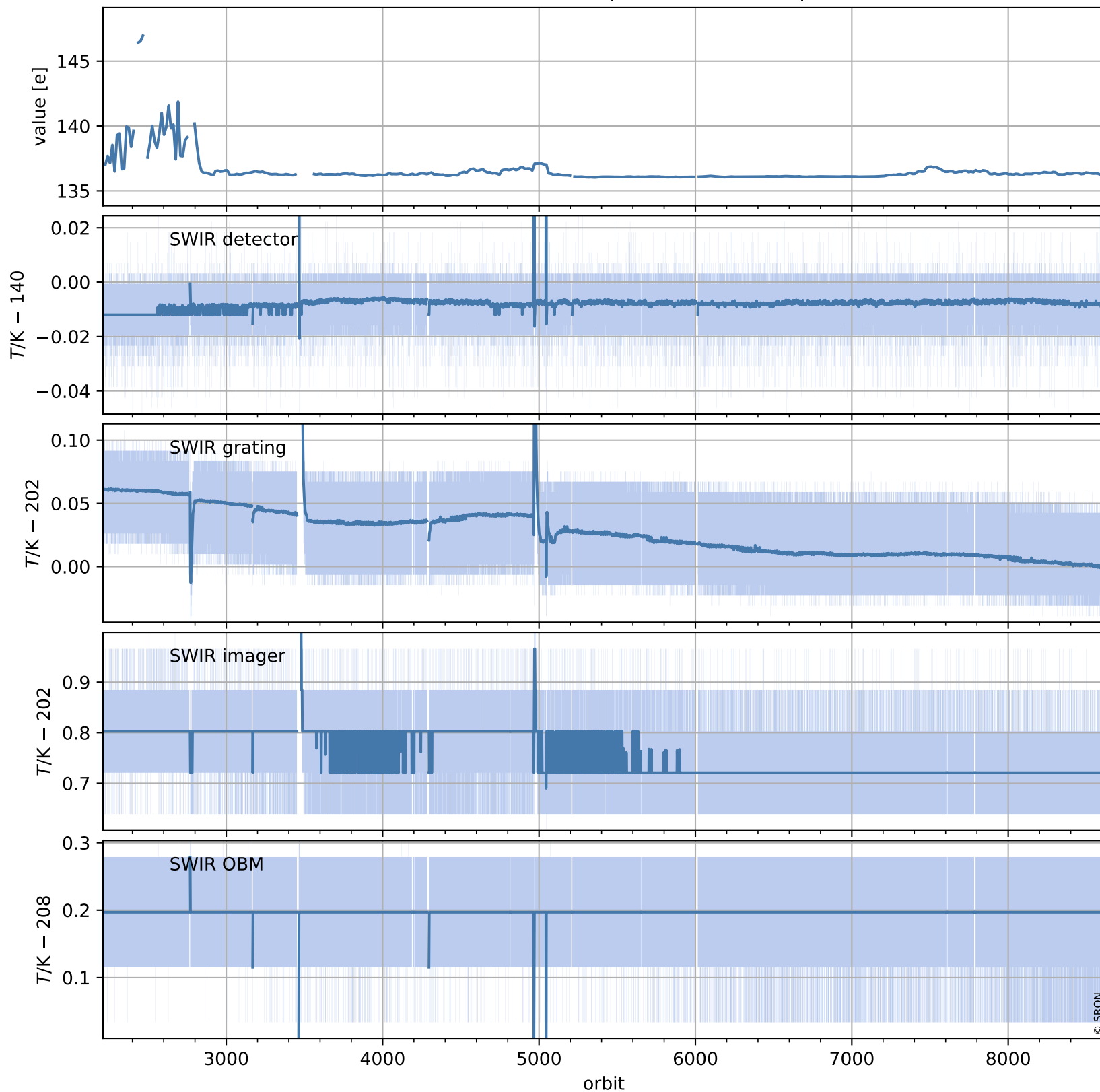
orbits : 13 in [8527, 8617]
coverage : 2019-06-06 / 2019-06-12
created : 2023-08-21T14:57:48



Tropomi SWIR background noise (swir)

orbits : [2212, 8617]
coverage : 2018-03-18 / 2019-06-12
created : 2023-08-21T14:57:49

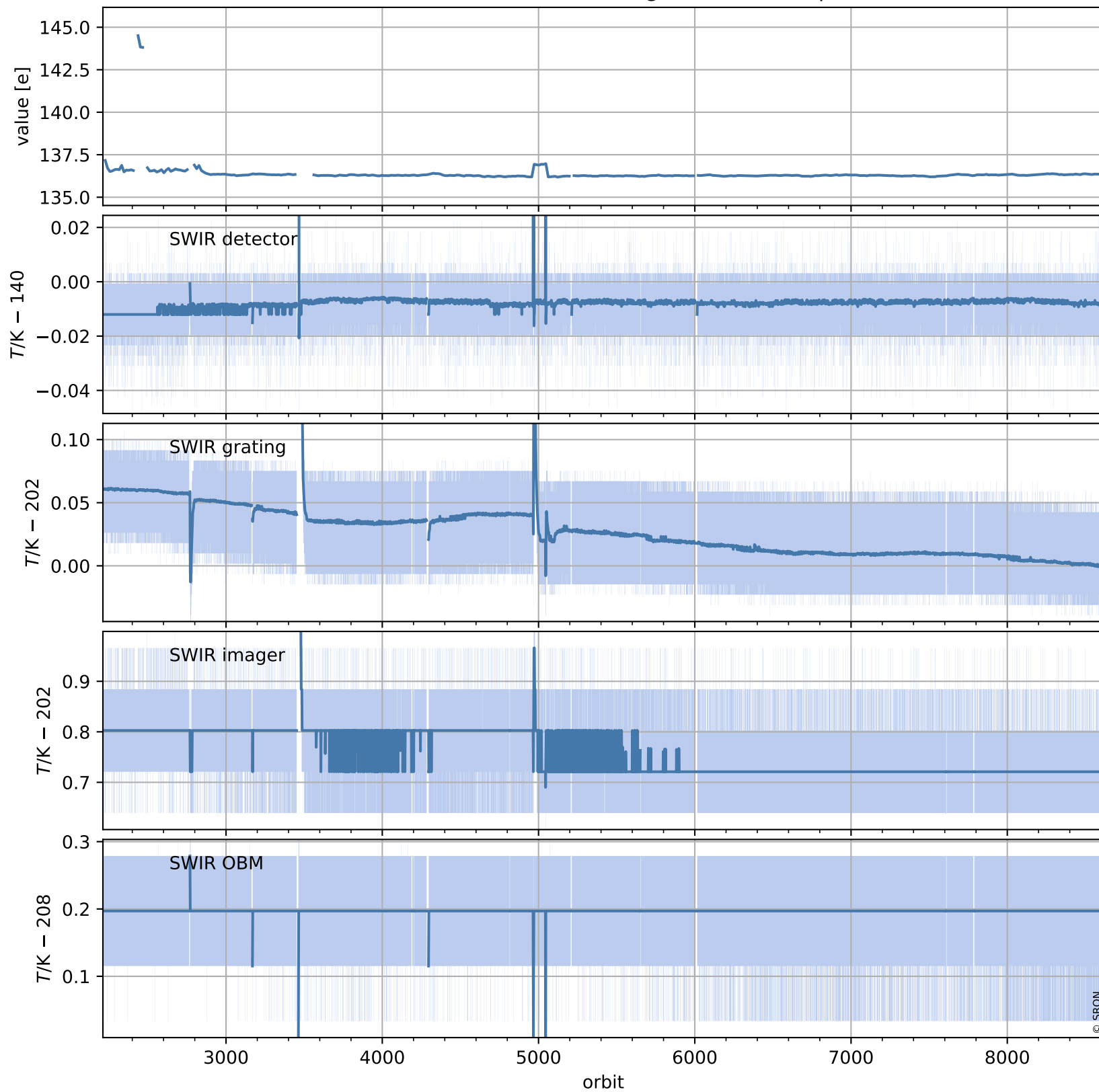
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8617]
coverage : 2018-03-18 / 2019-06-12
created : 2023-08-21T14:57:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8617]
coverage : 2018-03-18 / 2019-06-12
created : 2023-08-21T14:57:50

trend of normalized read-noise & temperatures

