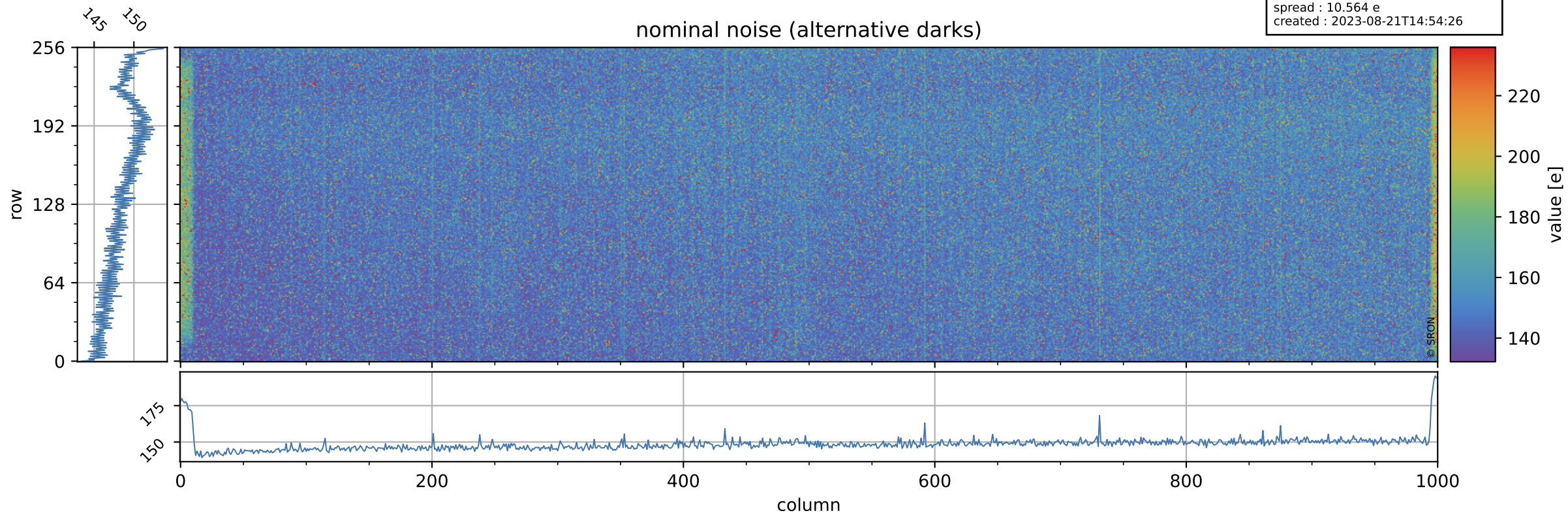


Tropomi SWIR background noise (swir)

orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.564 e
created : 2023-08-21T14:54:26

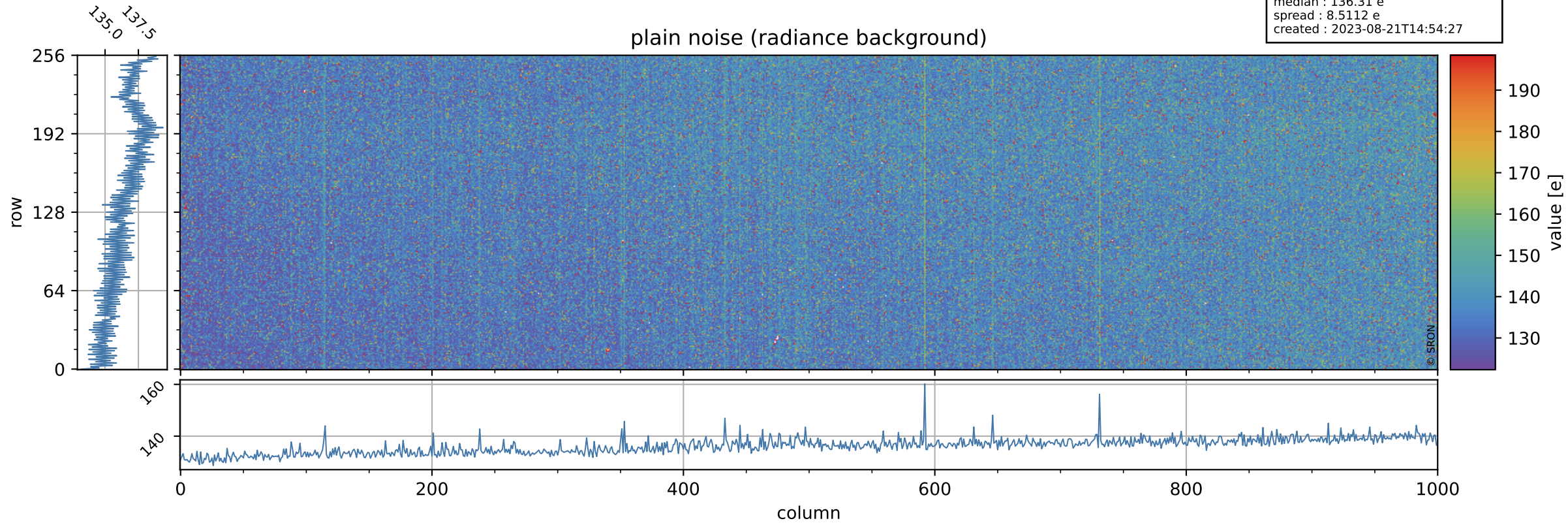
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
n_coad, t_exp : 2, 0.5383
median : 136.31 e
spread : 8.5112 e
created : 2023-08-21T14:54:27

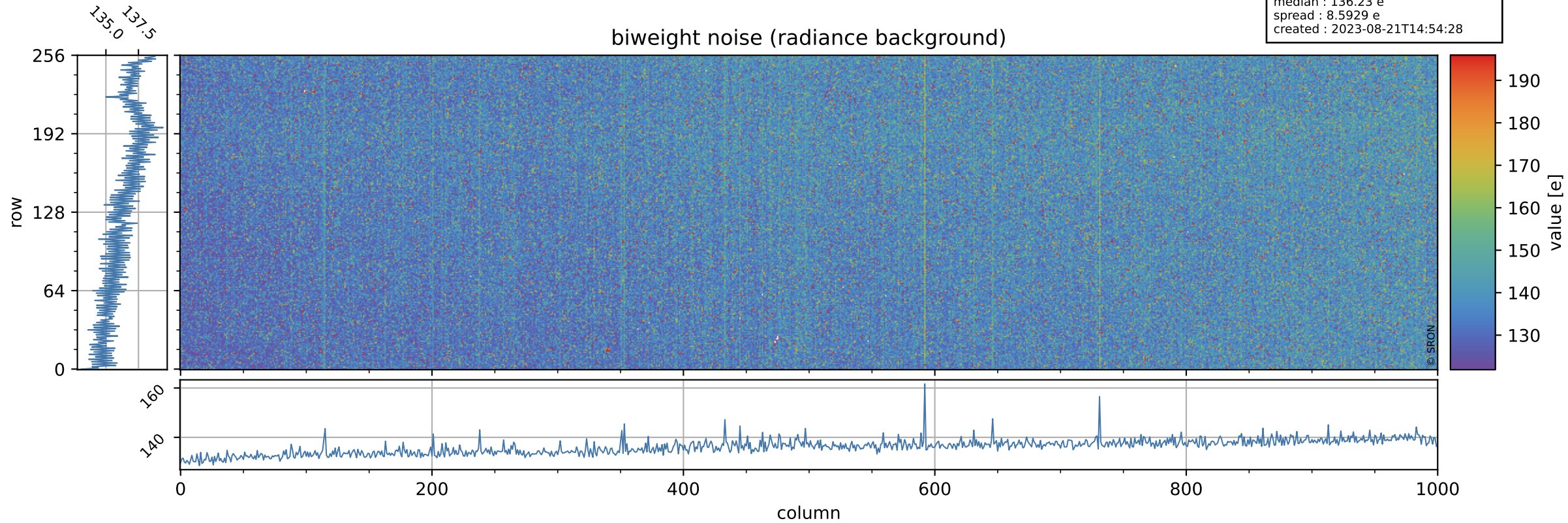
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.5929 e
created : 2023-08-21T14:54:28

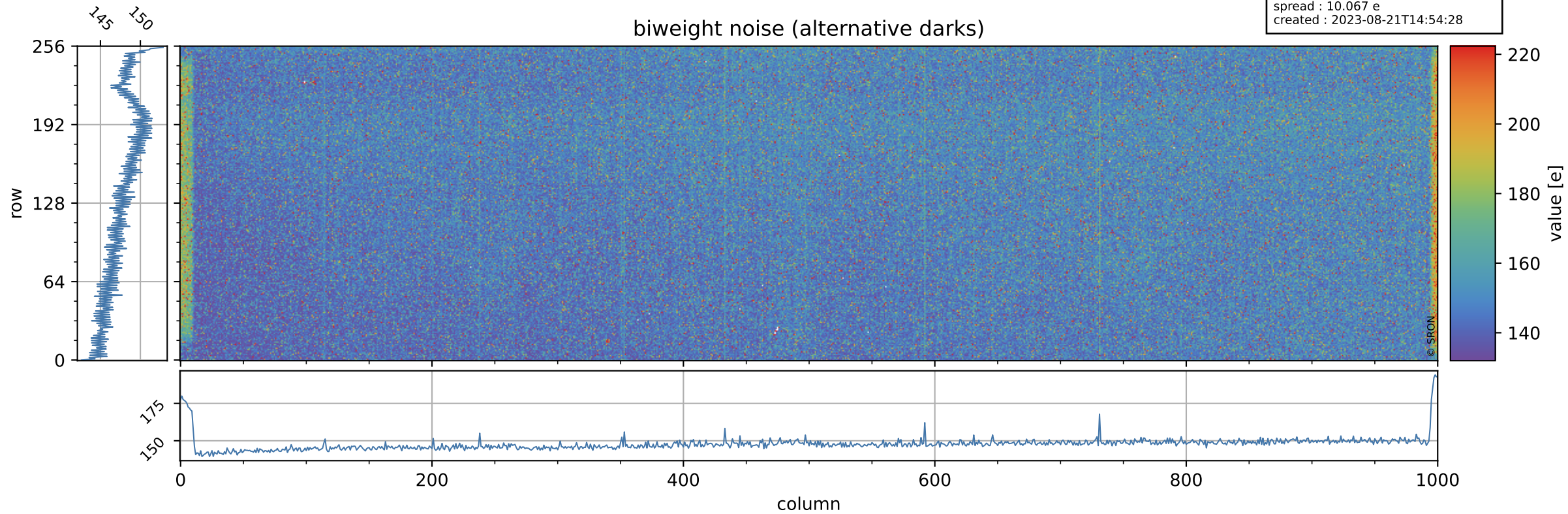
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.067 e
created : 2023-08-21T14:54:28

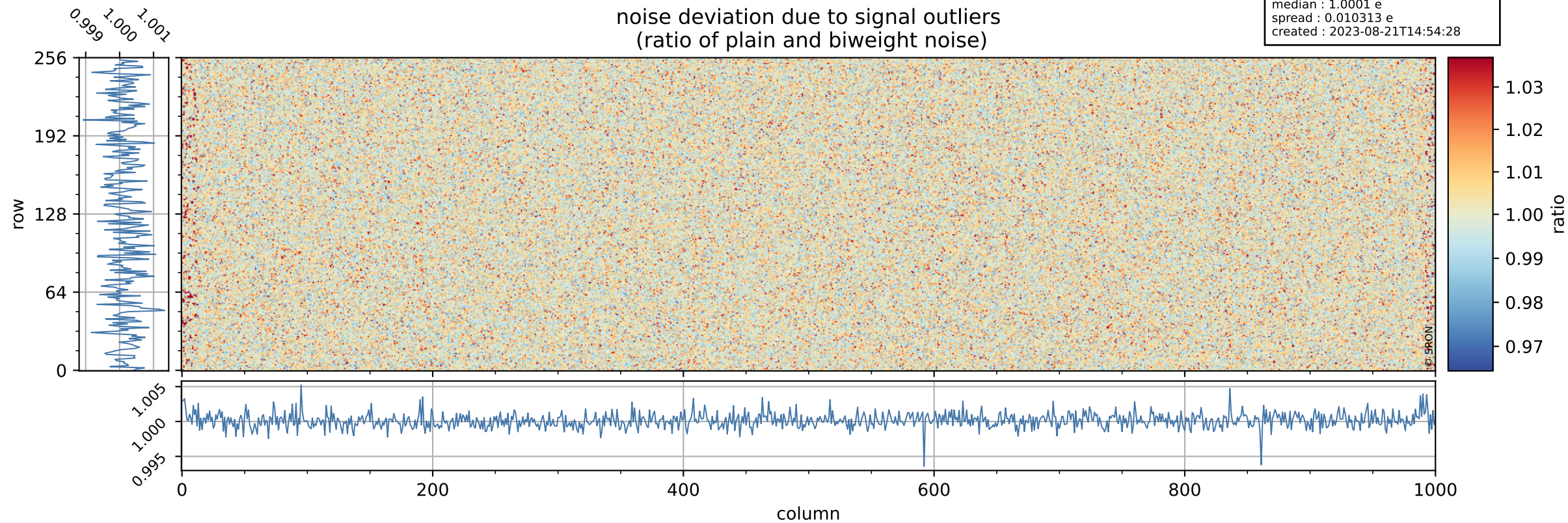
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

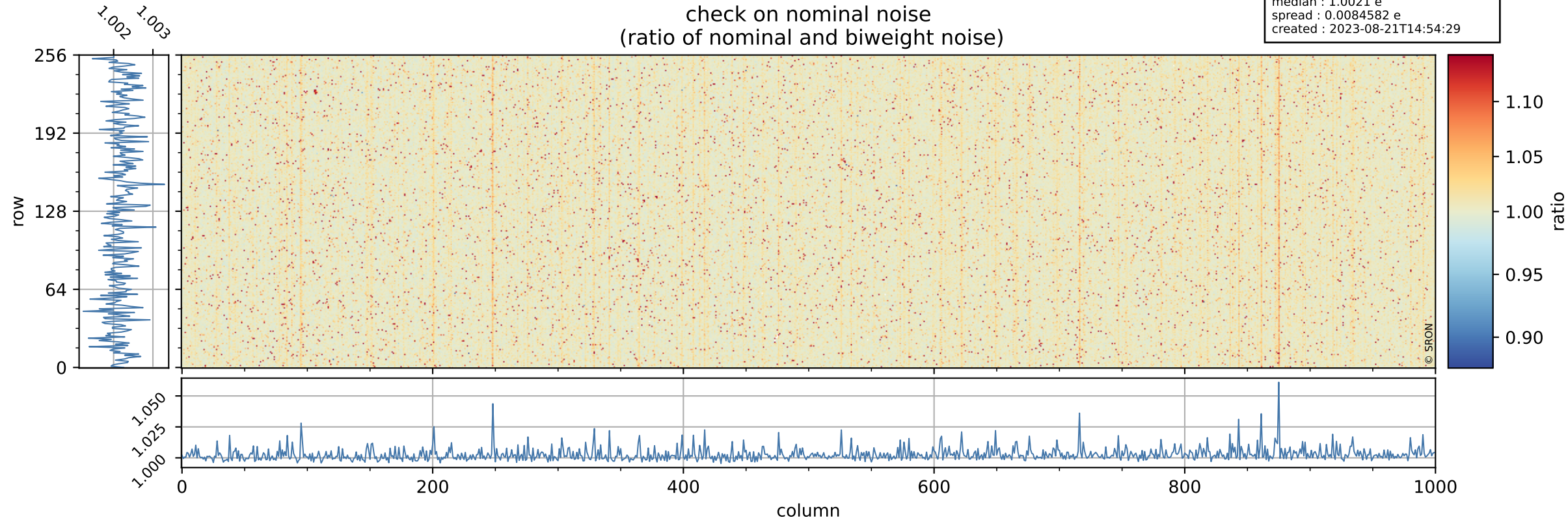
orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
median : 1.0001 e
spread : 0.010313 e
created : 2023-08-21T14:54:28



Tropomi SWIR background noise (swir)

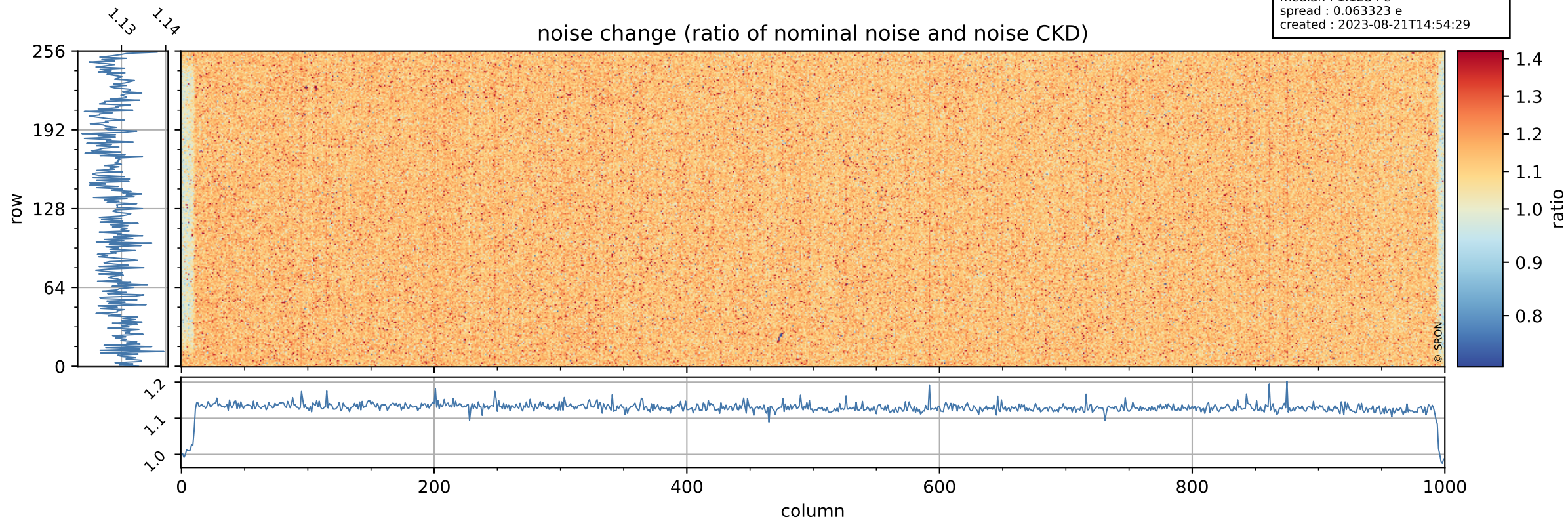
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
median : 1.0021 e
spread : 0.0084582 e
created : 2023-08-21T14:54:29



Tropomi SWIR background noise (swir)

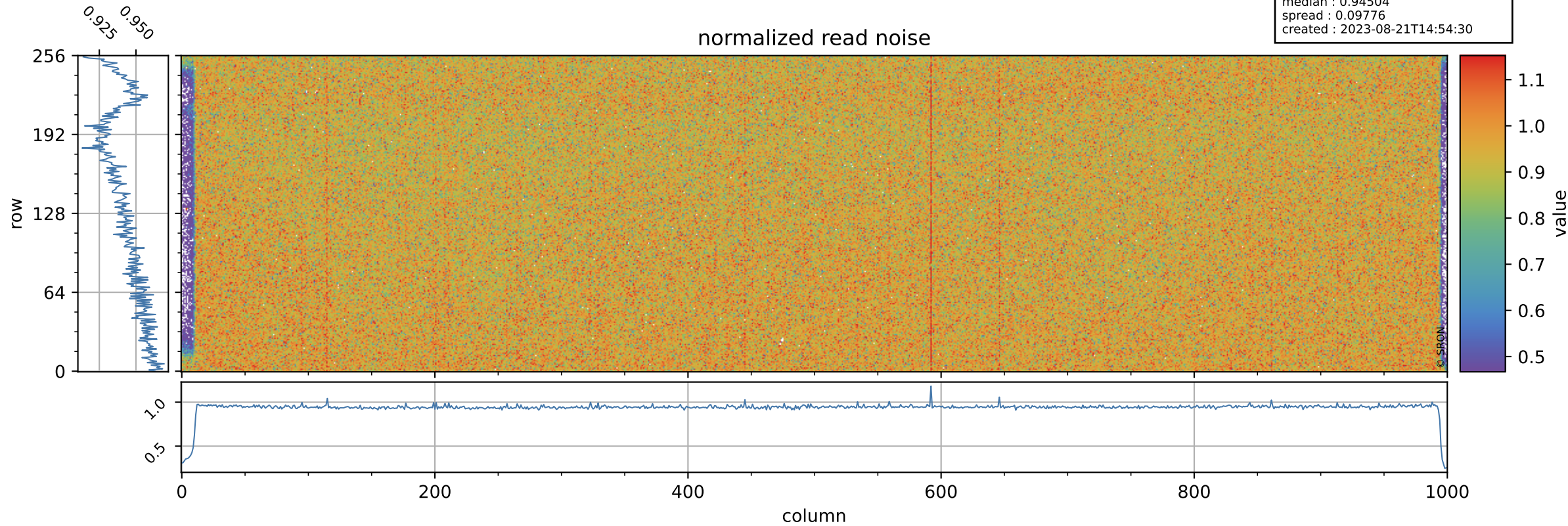
orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
median : 1.1284 e
spread : 0.063323 e
created : 2023-08-21T14:54:29



Tropomi SWIR background noise (swir)

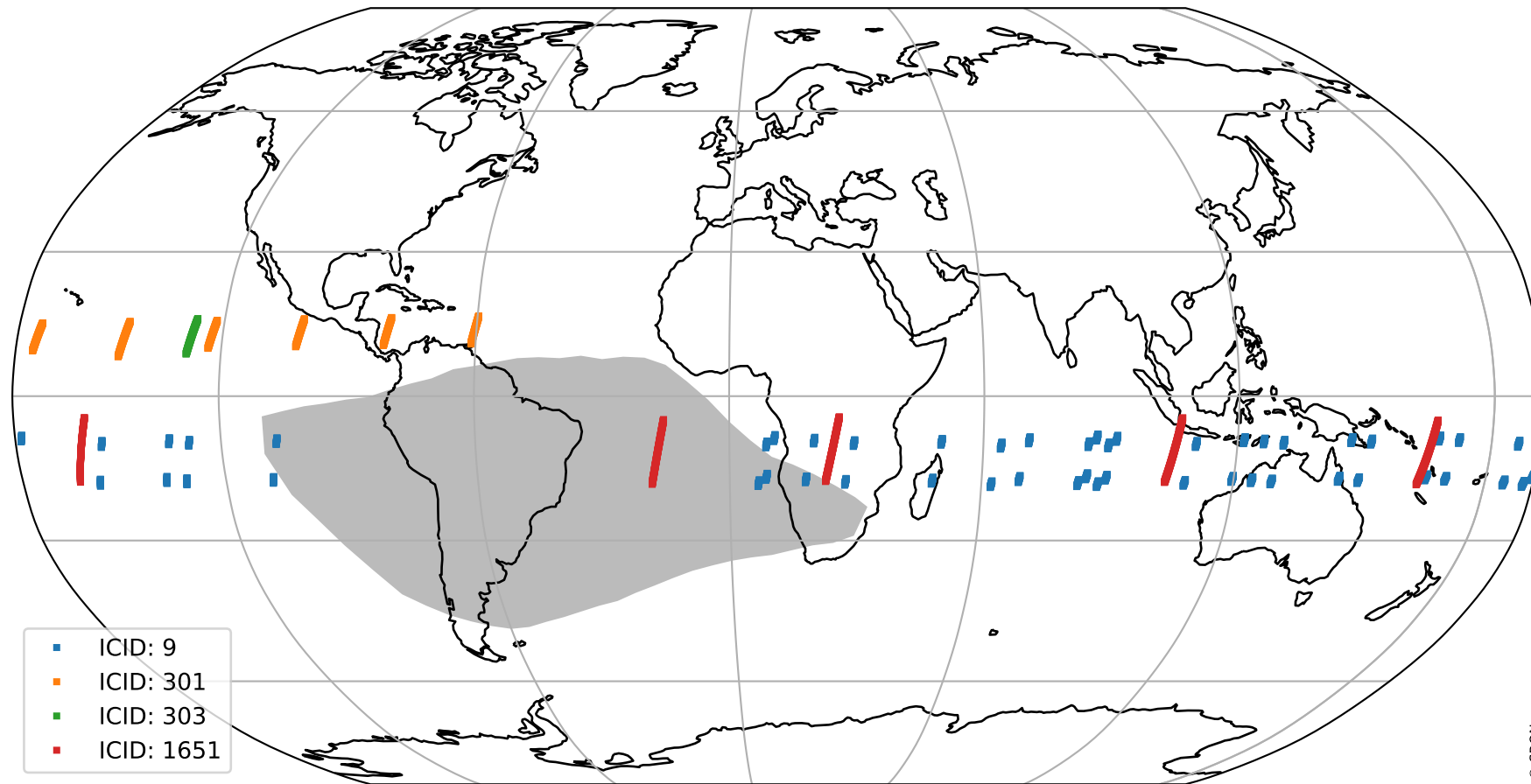
orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
median : 0.94504
spread : 0.09776
created : 2023-08-21T14:54:30

normalized read noise



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

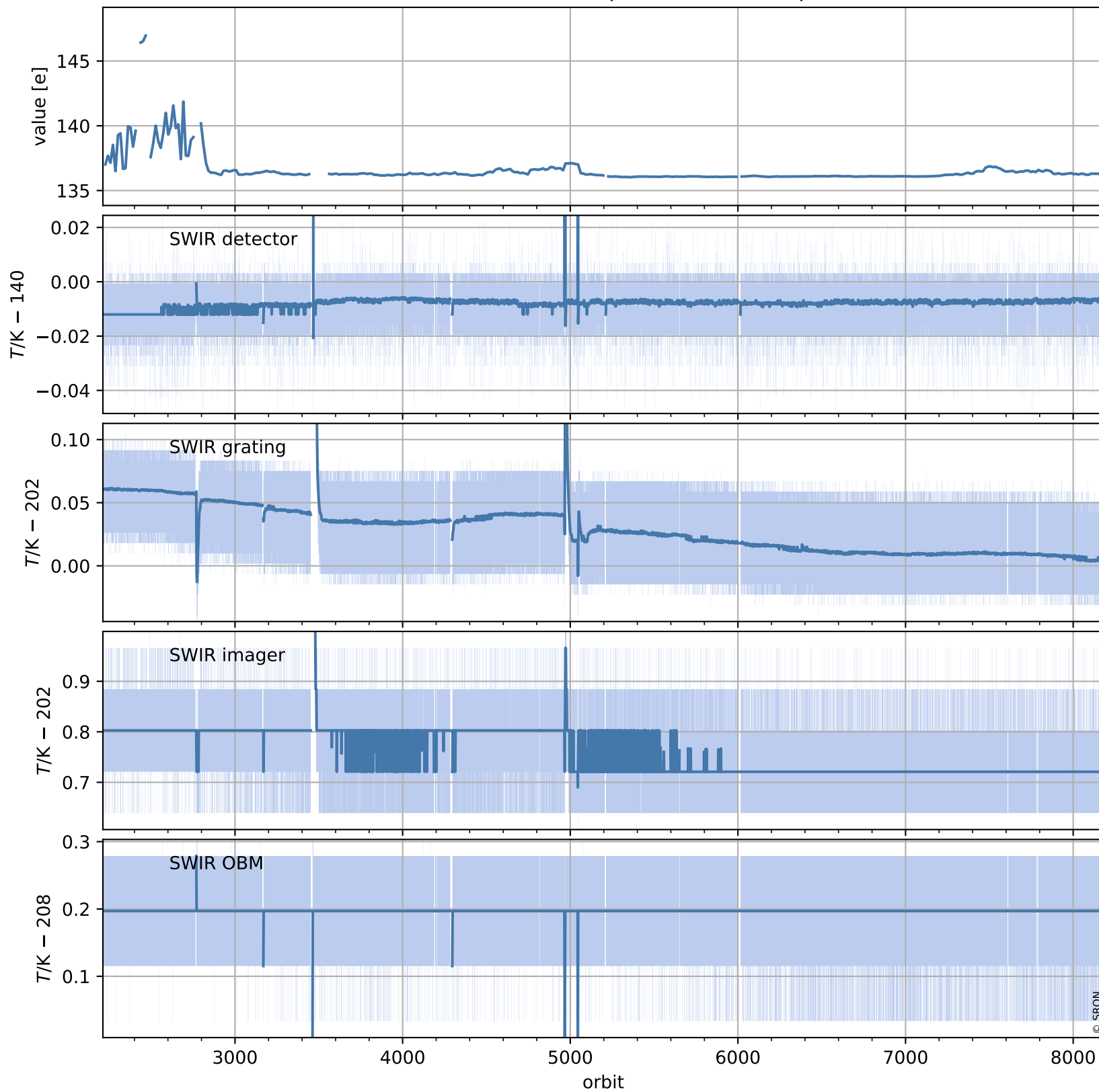
orbits : 12 in [8092, 8182]
coverage : 2019-05-07 / 2019-05-12
created : 2023-08-21T14:54:30



Tropomi SWIR background noise (swir)

orbits : [2212, 8182]
coverage : 2018-03-18 / 2019-05-12
created : 2023-08-21T14:54:30

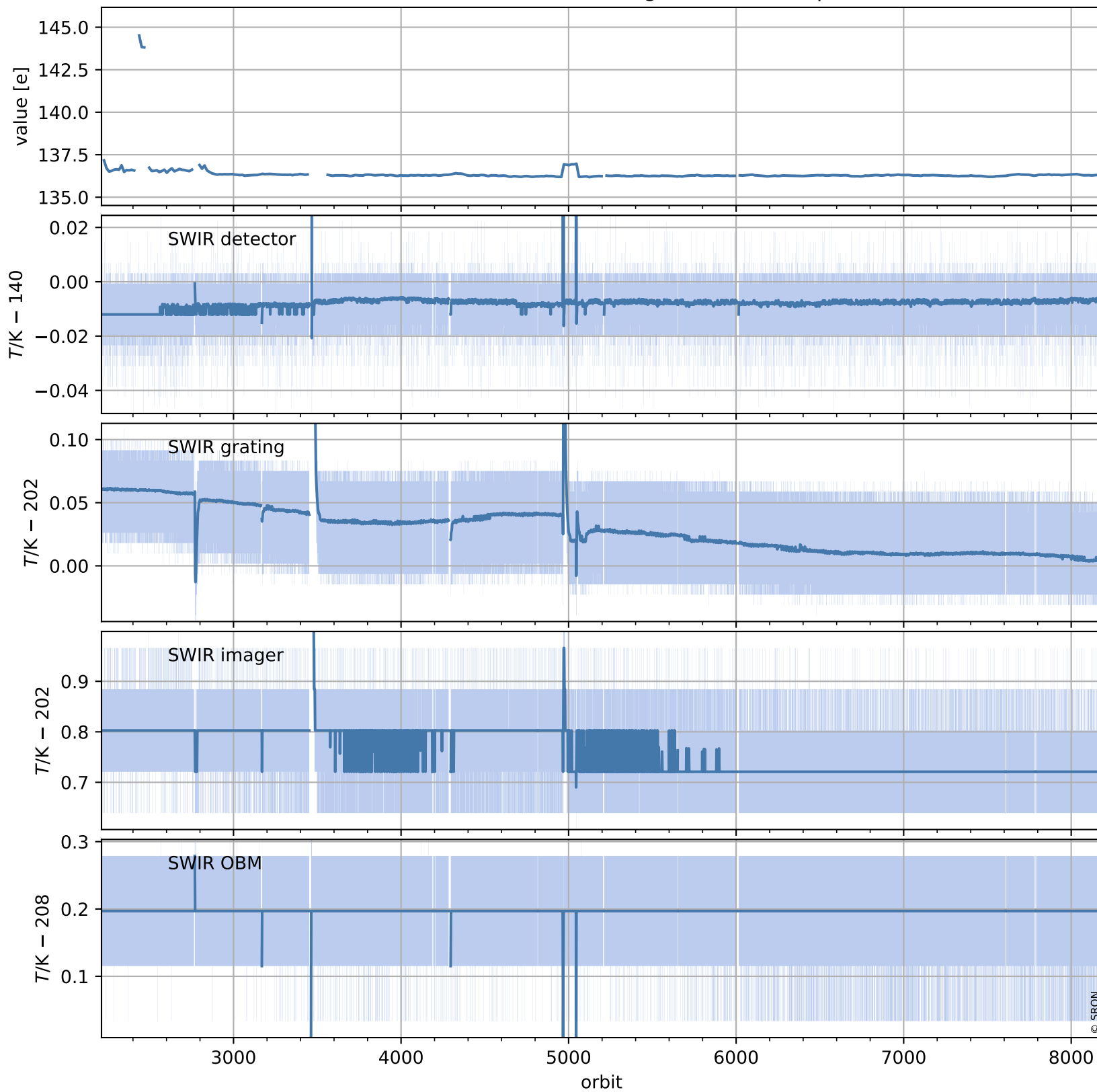
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8182]
coverage : 2018-03-18 / 2019-05-12
created : 2023-08-21T14:54:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8182]
coverage : 2018-03-18 / 2019-05-12
created : 2023-08-21T14:54:32

trend of normalized read-noise & temperatures

