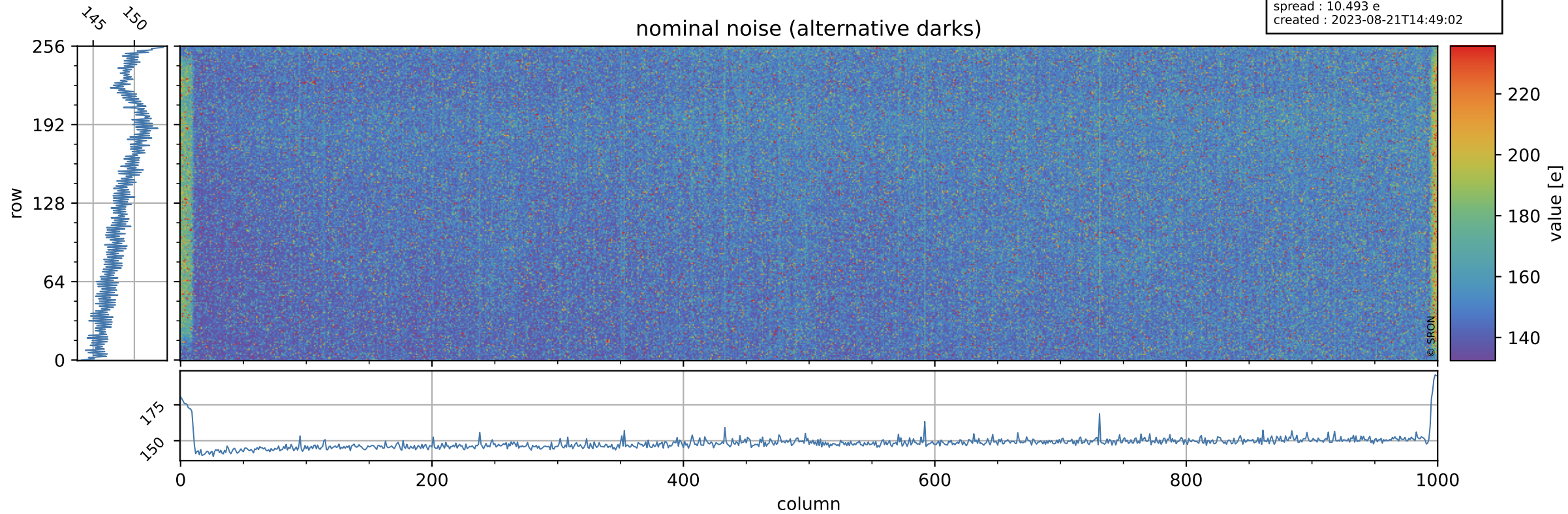


Tropomi SWIR background noise (swir)

orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.493 e
created : 2023-08-21T14:49:02

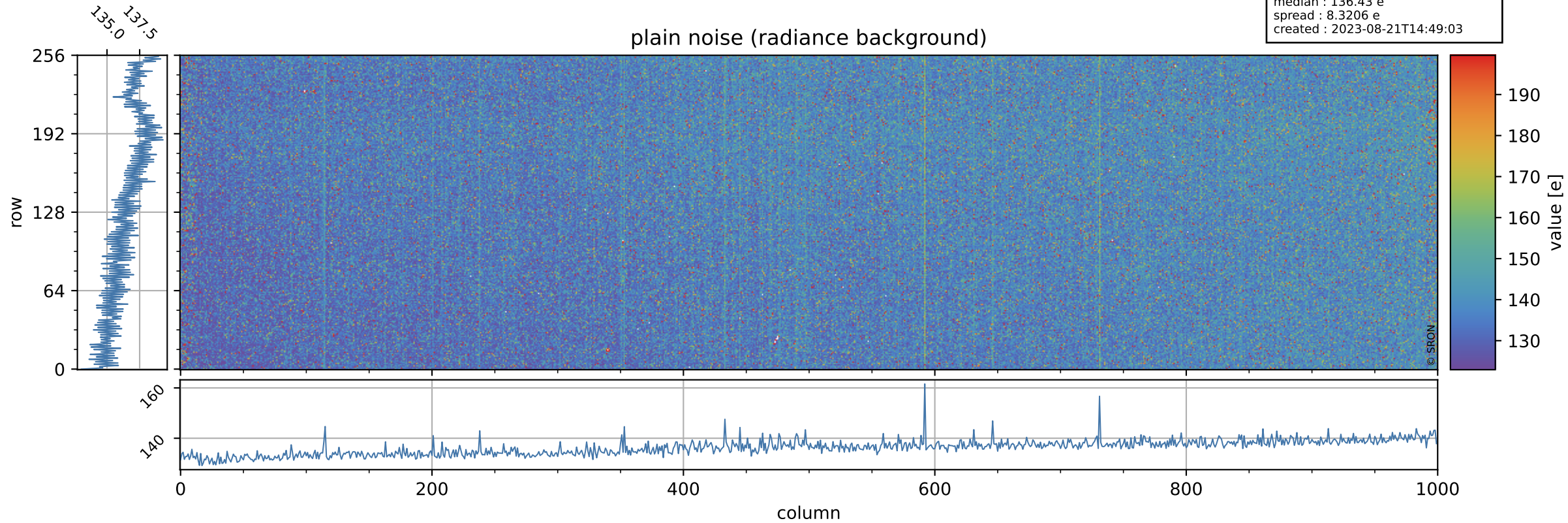
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
n_coad, t_exp : 2, 0.5383
median : 136.43 e
spread : 8.3206 e
created : 2023-08-21T14:49:03

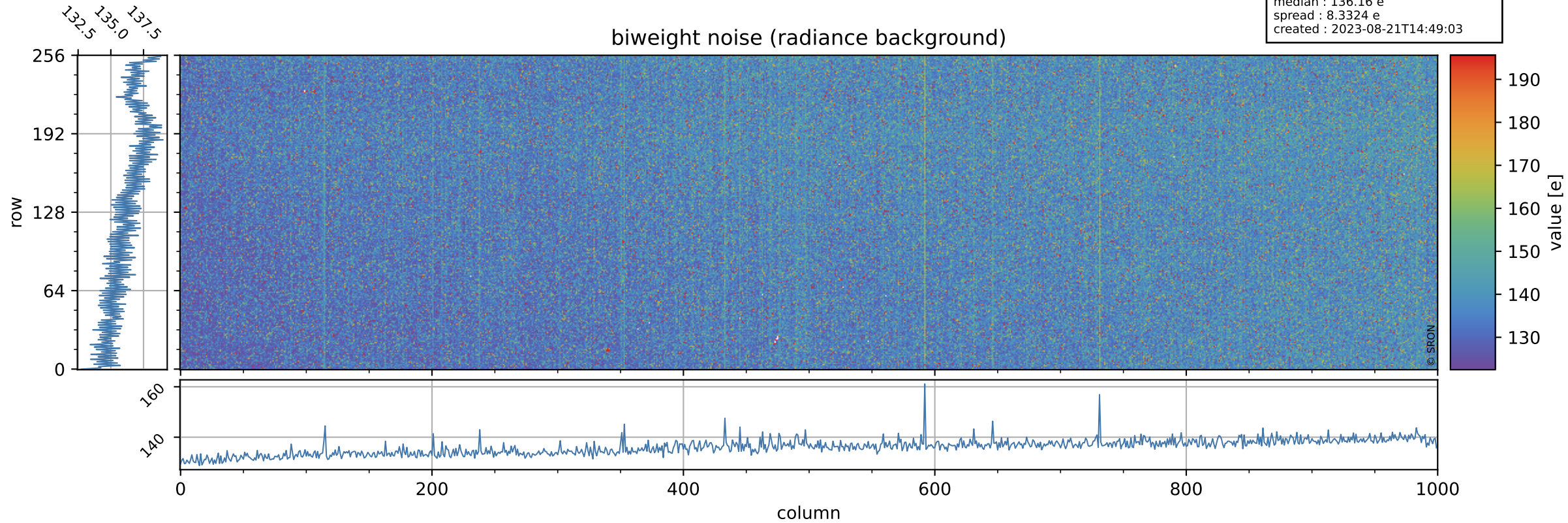
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.3324 e
created : 2023-08-21T14:49:03

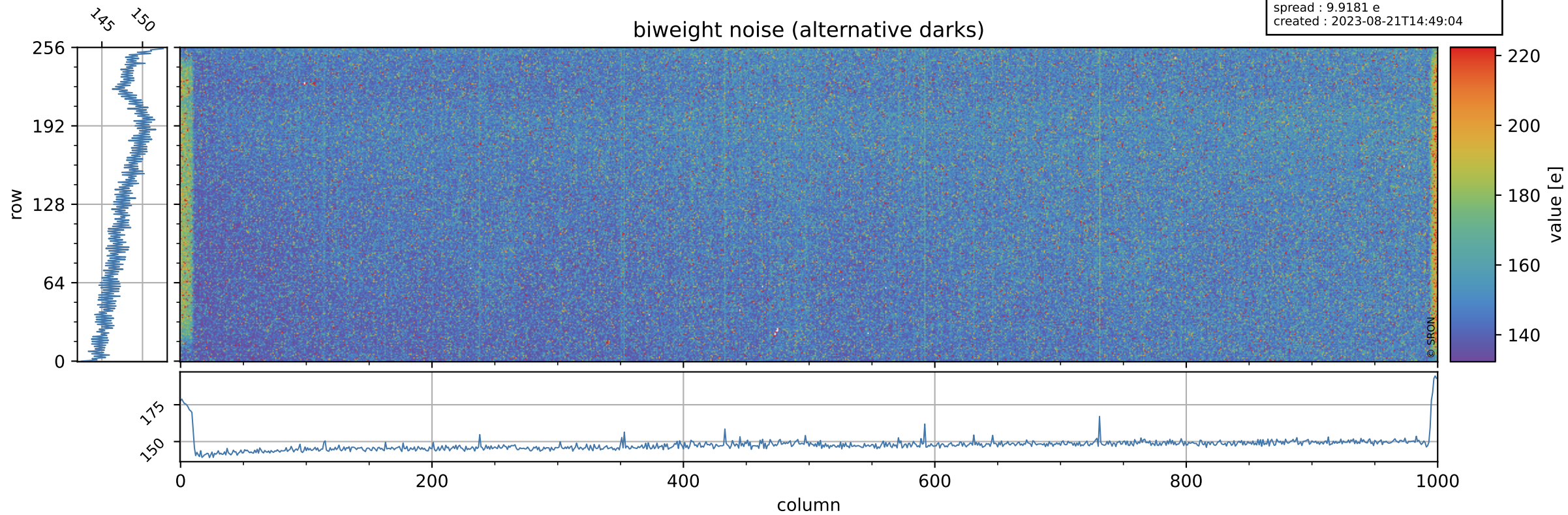
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9181 e
created : 2023-08-21T14:49:04

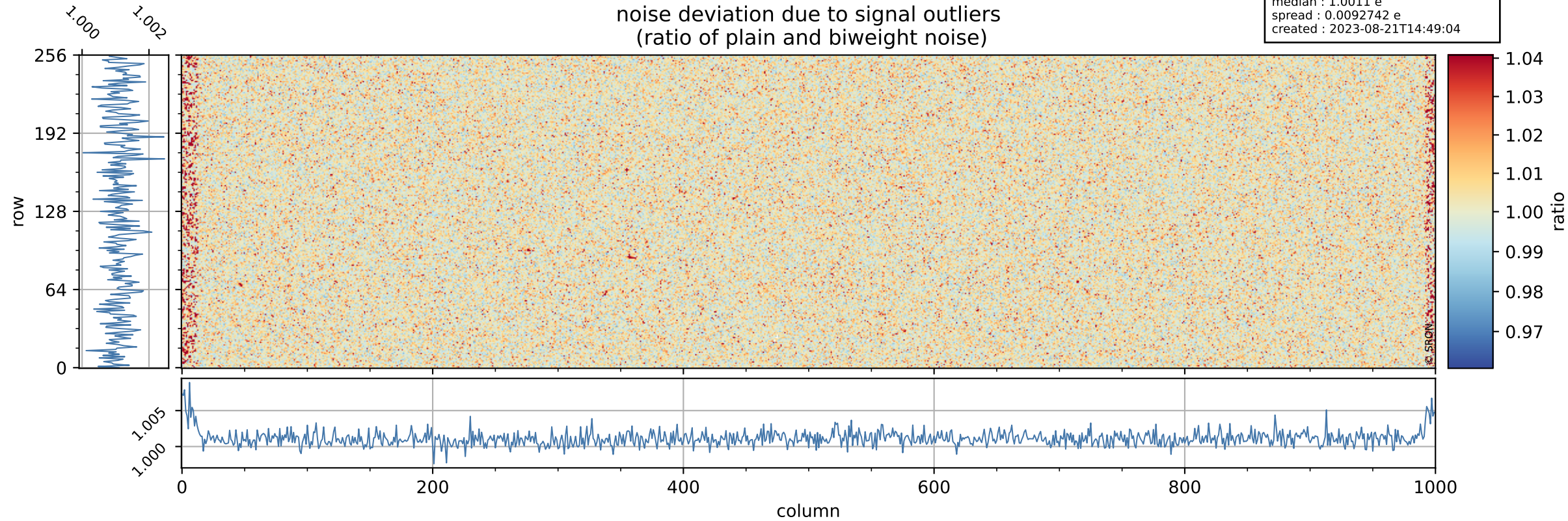
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

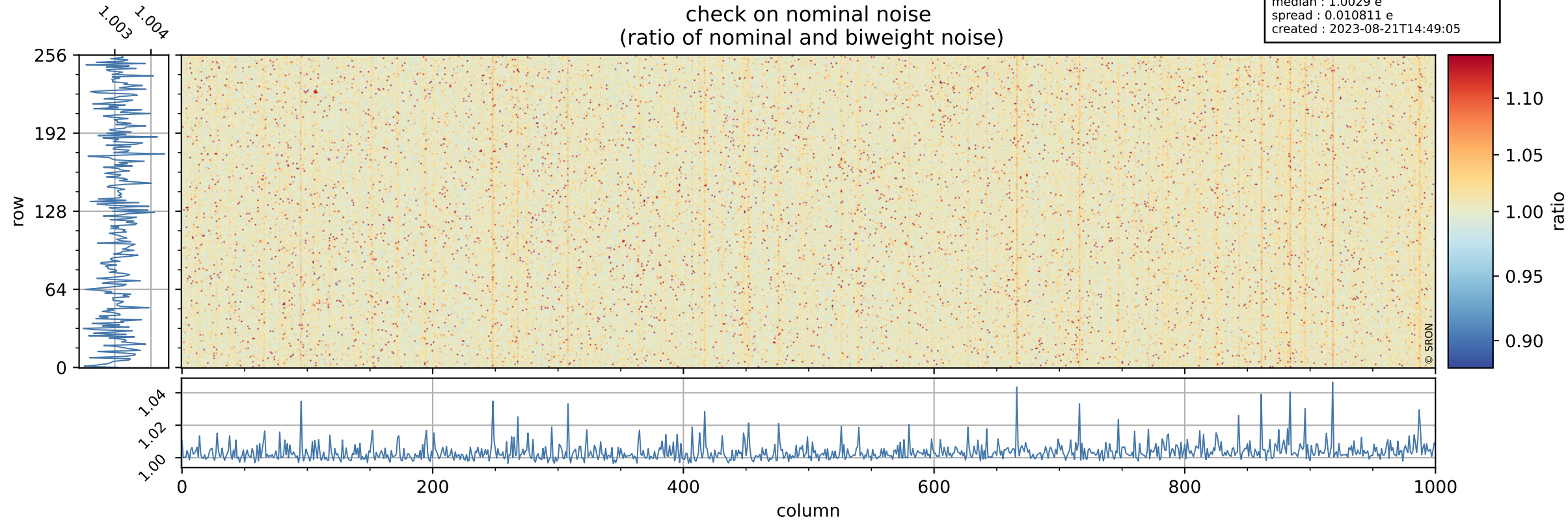
orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
median : 1.0011 e
spread : 0.0092742 e
created : 2023-08-21T14:49:04



Tropomi SWIR background noise (swir)

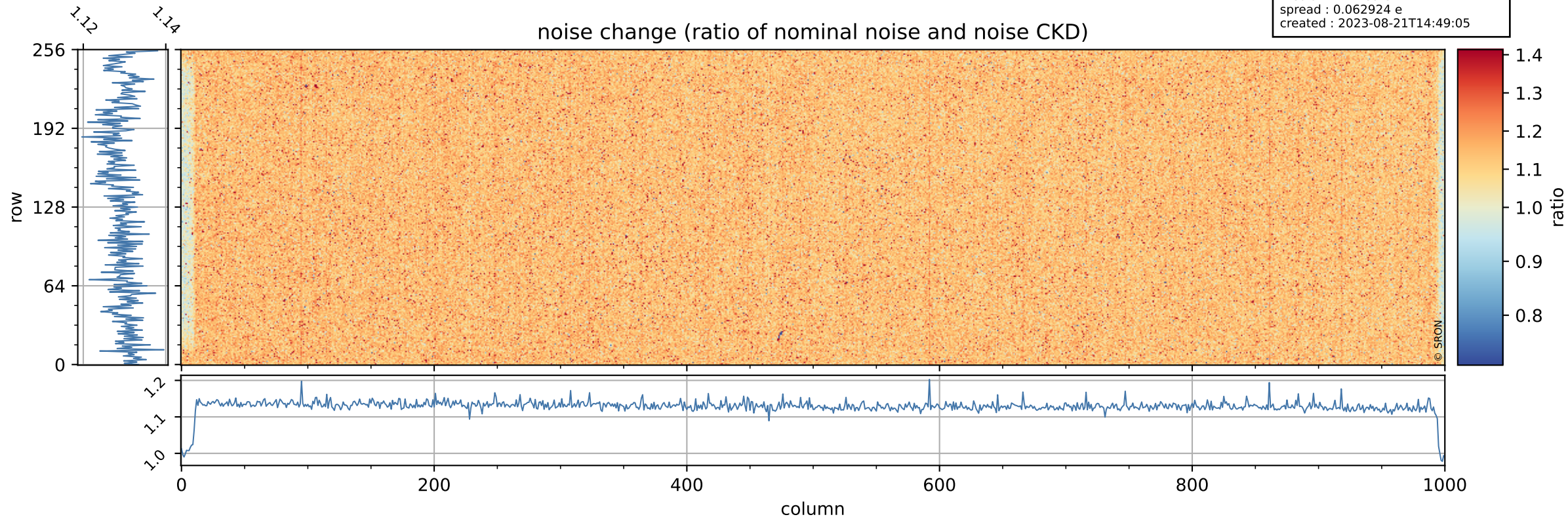
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
median : 1.0029 e
spread : 0.010811 e
created : 2023-08-21T14:49:05



Tropomi SWIR background noise (swir)

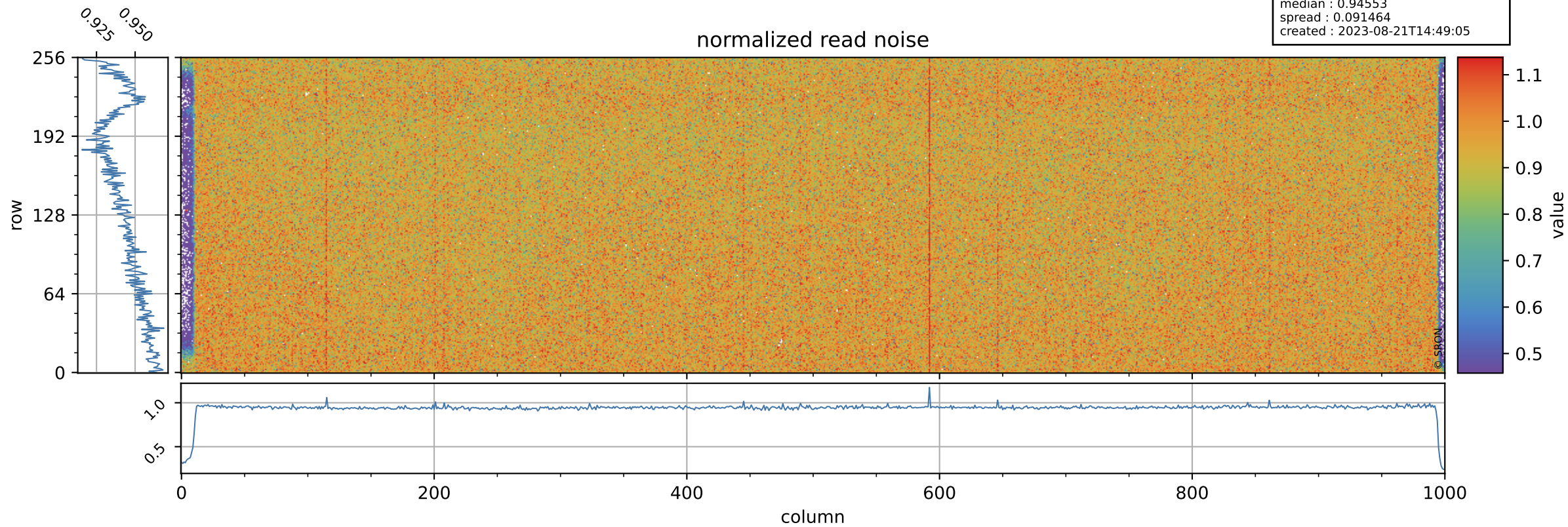
orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
median : 1.1289 e
spread : 0.062924 e
created : 2023-08-21T14:49:05



Tropomi SWIR background noise (swir)

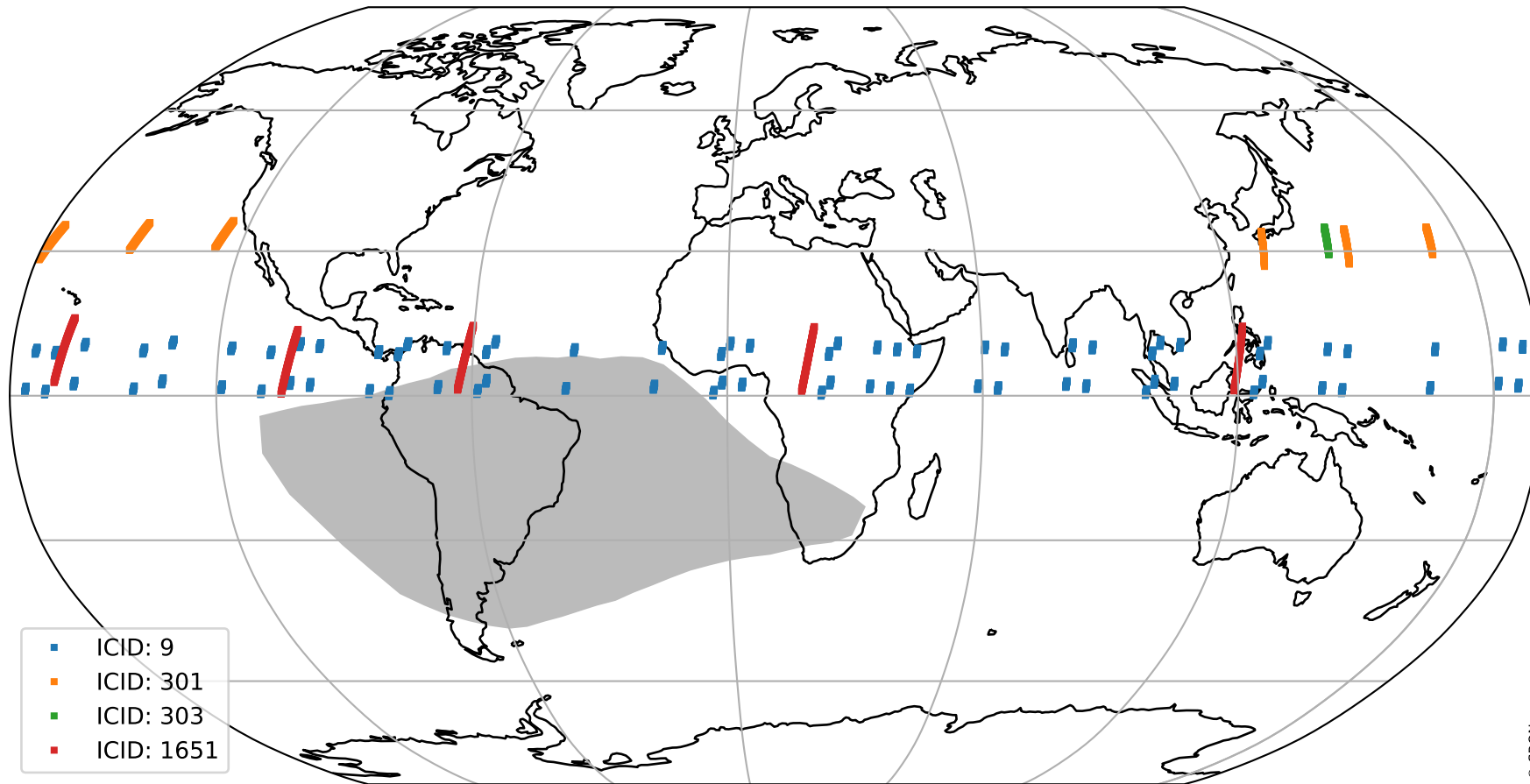
orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
median : 0.94553
spread : 0.091464
created : 2023-08-21T14:49:05

normalized read noise



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

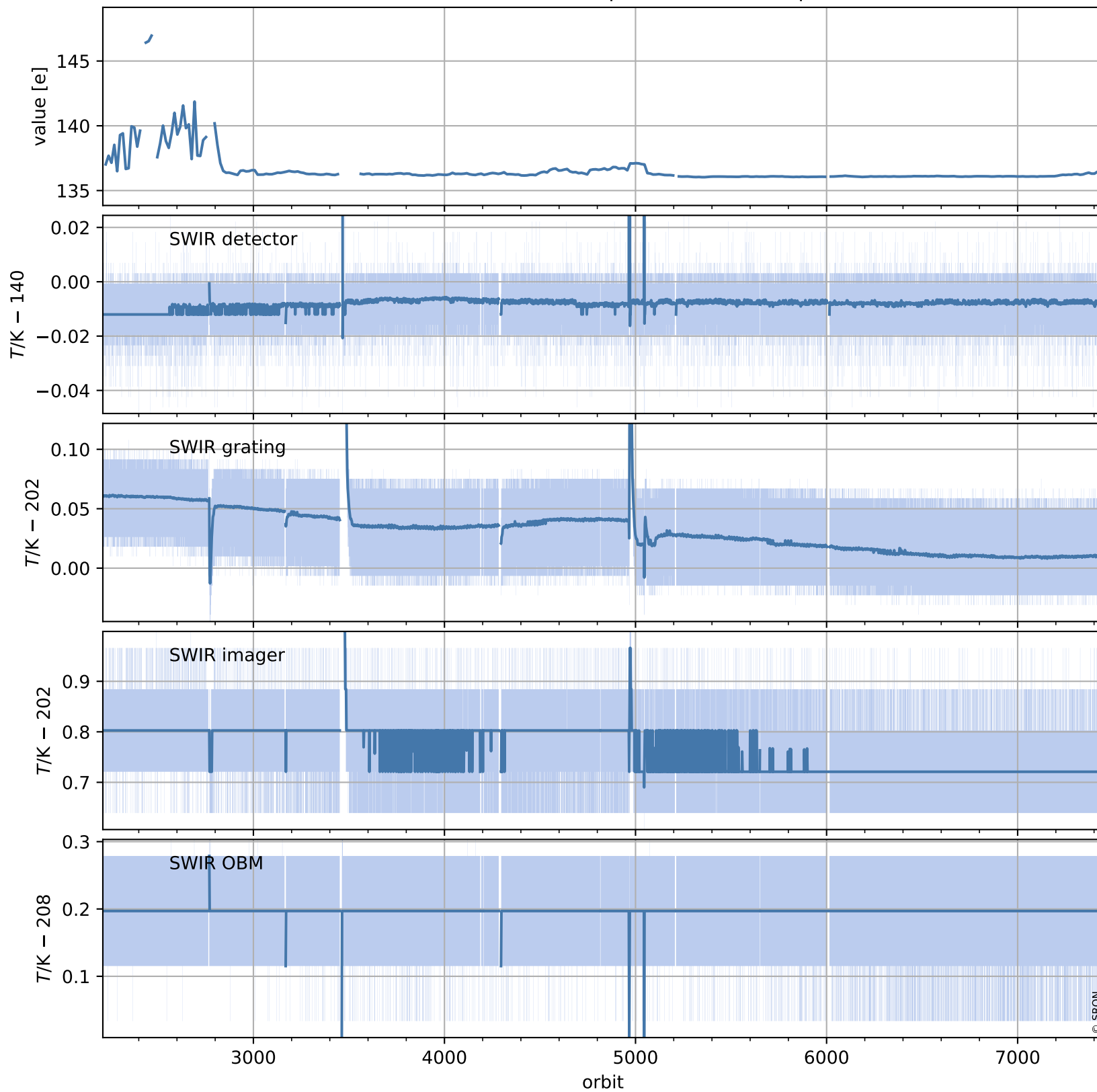
orbits : 12 in [7357, 7447]
coverage : 2019-03-16 / 2019-03-22
created : 2023-08-21T14:49:06



Tropomi SWIR background noise (swir)

orbits : [2212, 7447]
coverage : 2018-03-18 / 2019-03-22
created : 2023-08-21T14:49:06

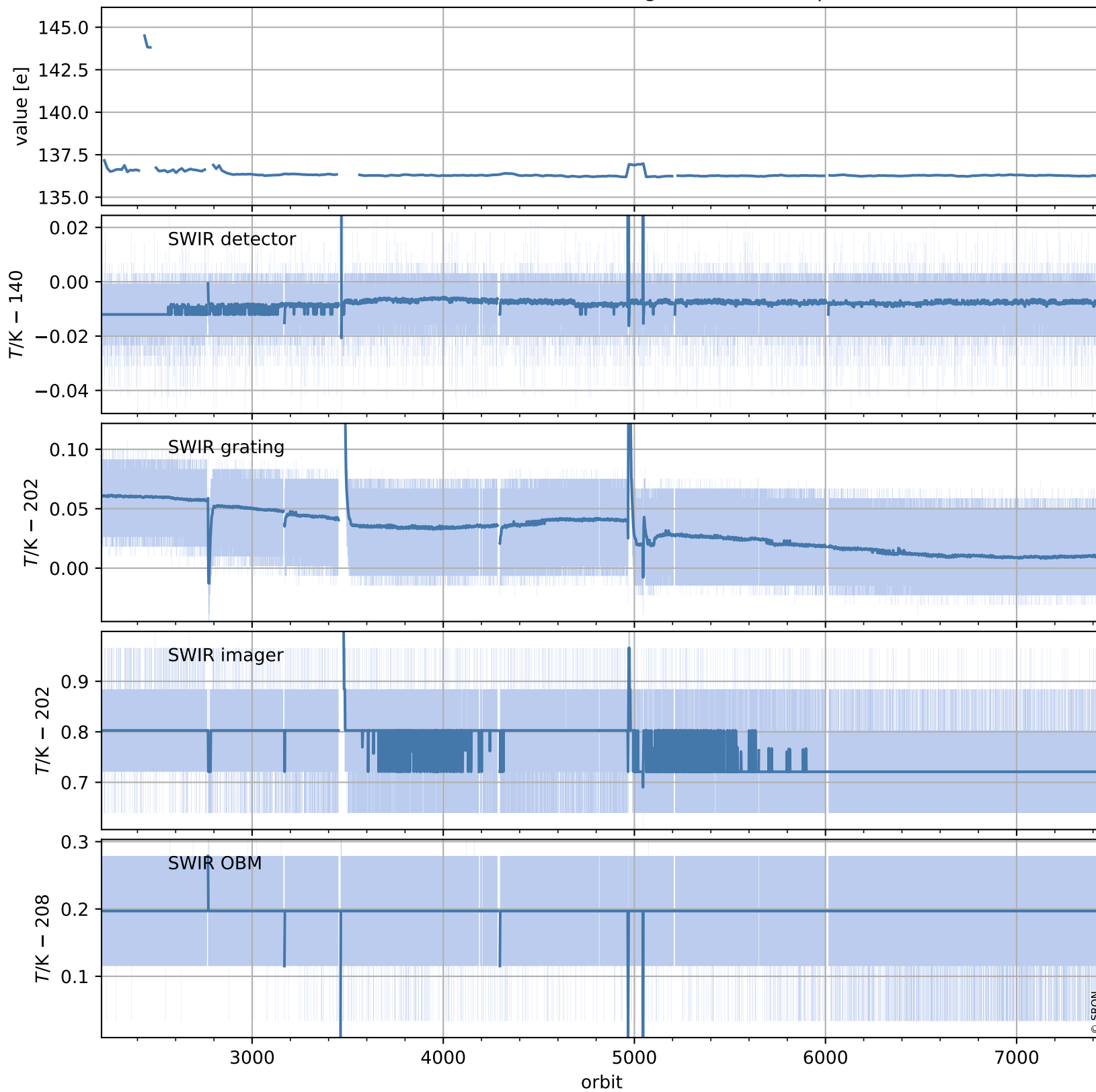
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7447]
coverage : 2018-03-18 / 2019-03-22
created : 2023-08-21T14:49:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7447]
coverage : 2018-03-18 / 2019-03-22
created : 2023-08-21T14:49:08

trend of normalized read-noise & temperatures

