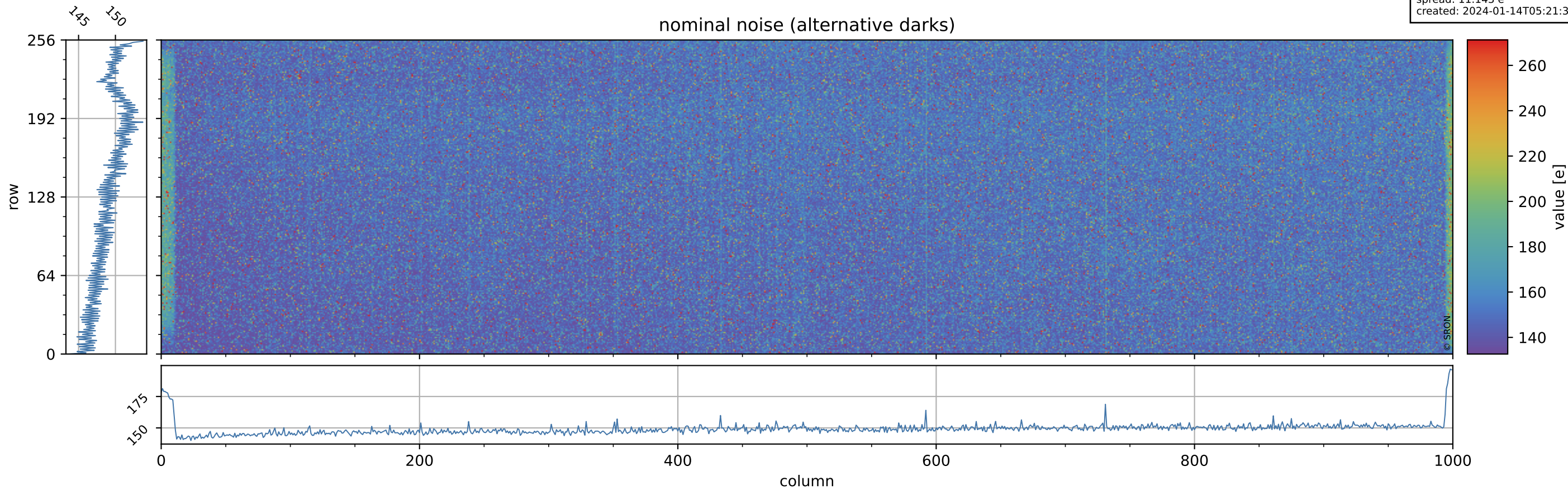


Tropomi SWIR background noise (swir)

orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
n_coad, t_exp: 1, 1.0783
median: 148.99 e
spread: 11.143 e
created: 2024-01-14T05:21:31Z

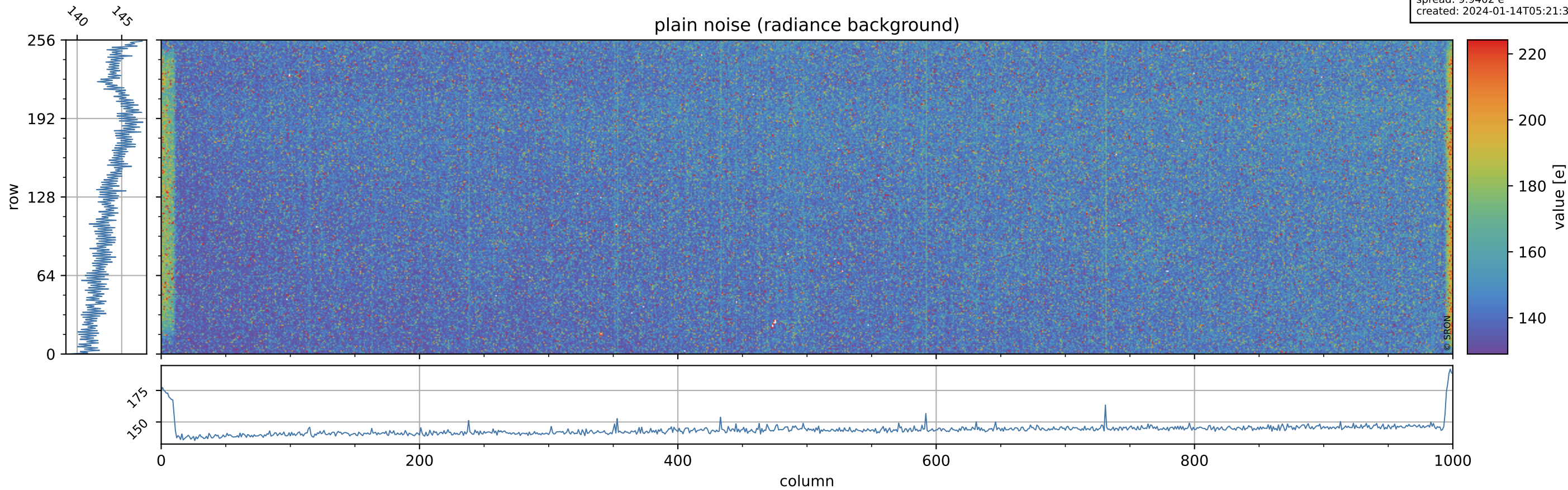
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
n_coad, t_exp: 1, 0.8383
median: 143.6 e
spread: 9.9402 e
created: 2024-01-14T05:21:31Z

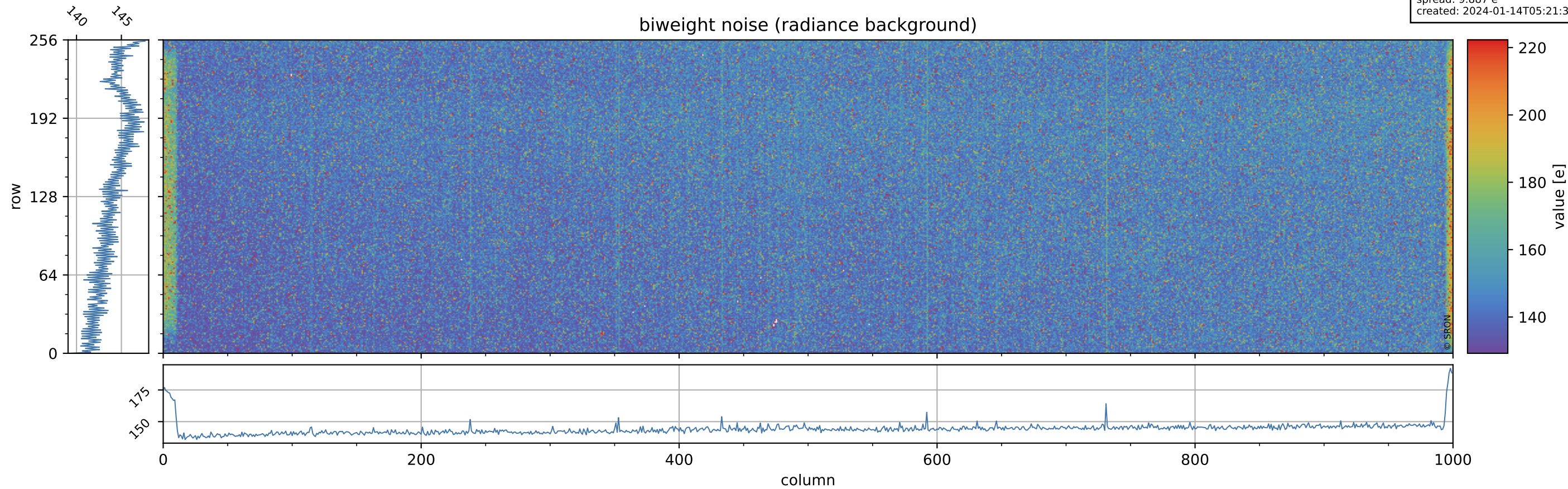
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
n_coad, t_exp: 1, 0.8383
median: 143.93 e
spread: 9.887 e
created: 2024-01-14T05:21:32Z

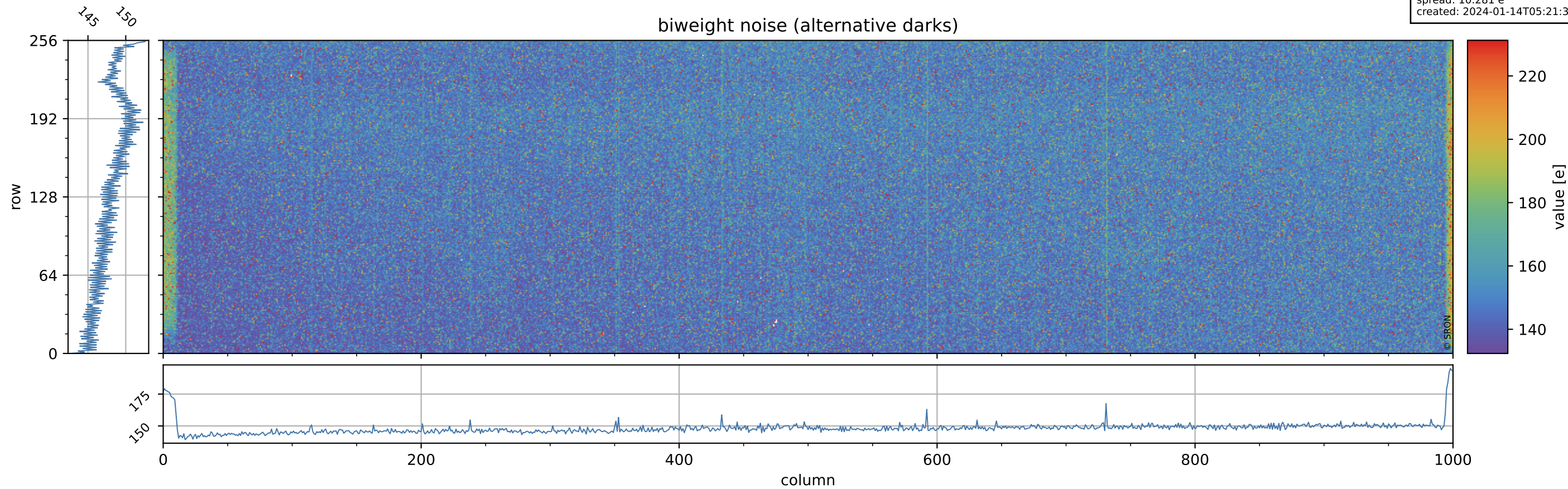
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
n_coad, t_exp: 1, 1.0783
median: 147.92 e
spread: 10.281 e
created: 2024-01-14T05:21:32Z

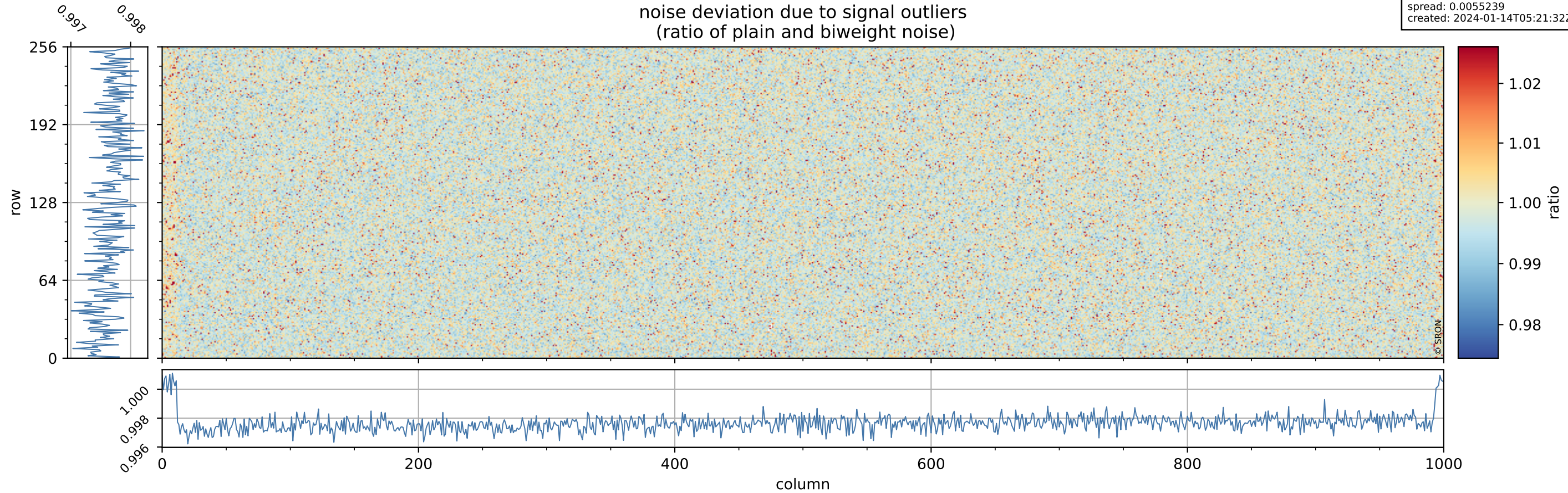
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

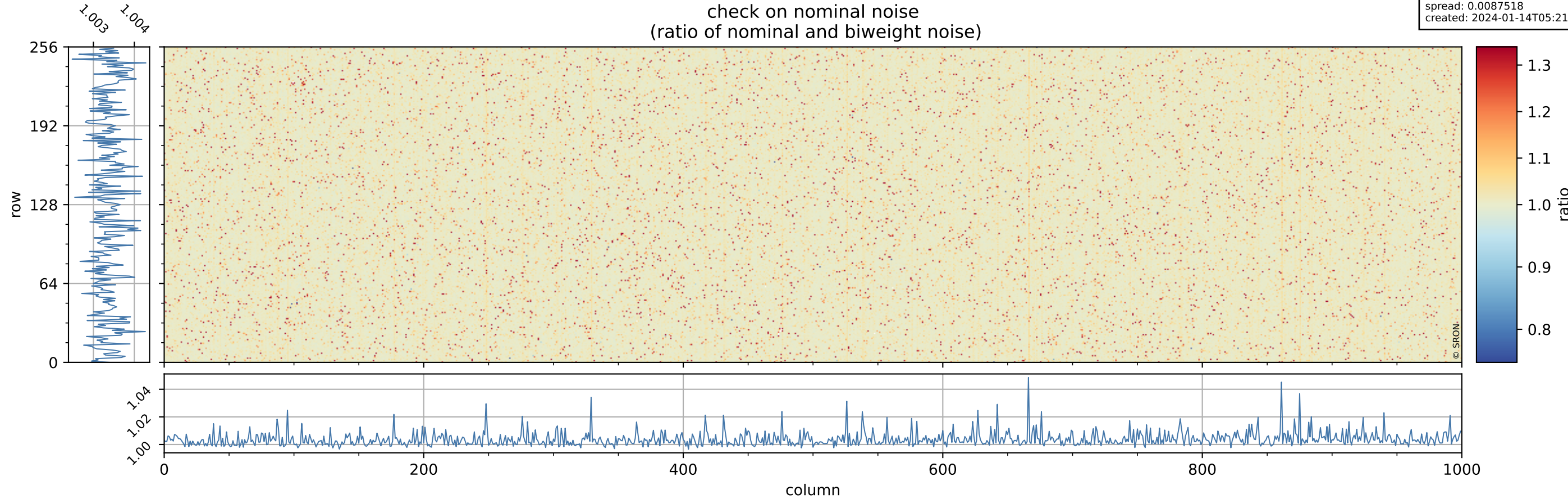
orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
median: 0.99763
spread: 0.0055239
created: 2024-01-14T05:21:32Z



Tropomi SWIR background noise (swir)

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

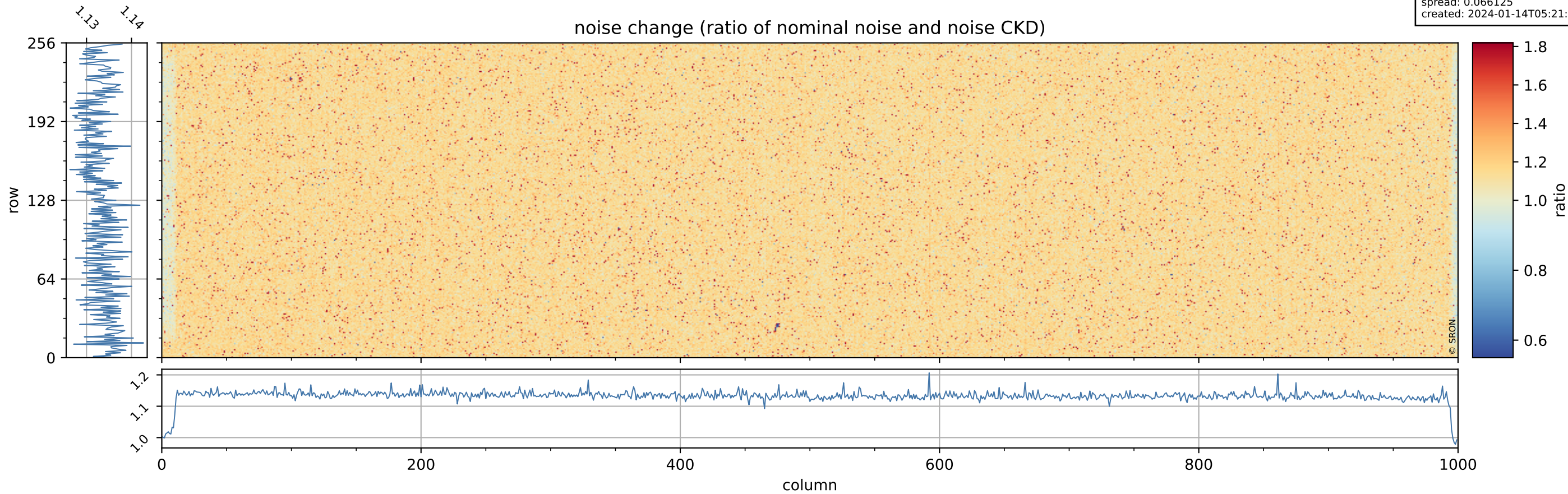
orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
median: 1.0031
spread: 0.0087518
created: 2024-01-14T05:21:32Z



Tropomi SWIR background noise (swir)

orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
median: 1.1317
spread: 0.066125
created: 2024-01-14T05:21:33Z

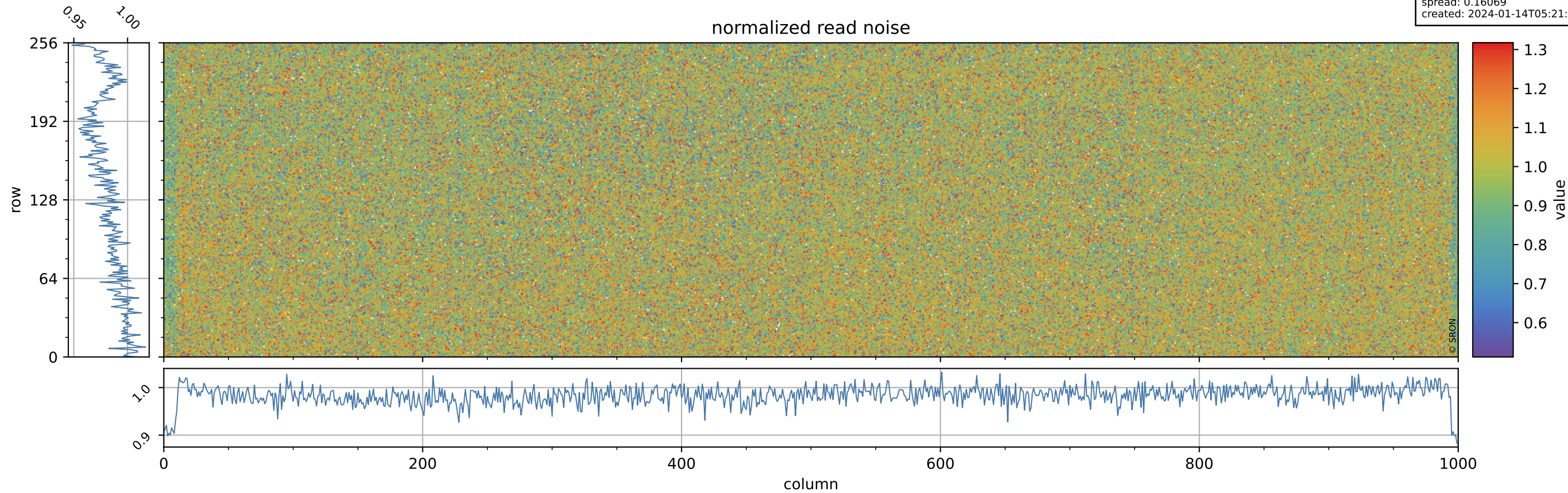
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
median: 0.98238
spread: 0.16069
created: 2024-01-14T05:21:33Z

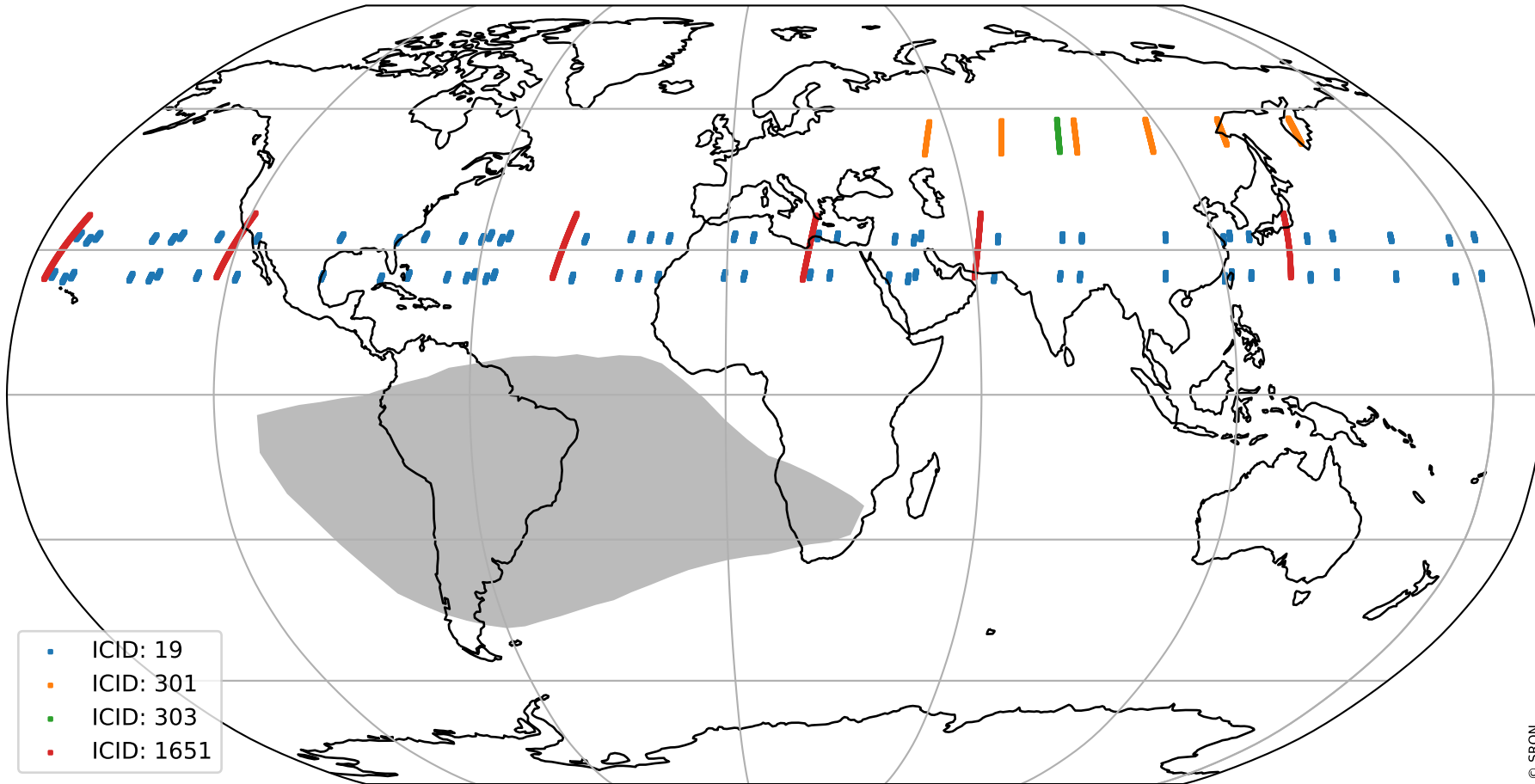
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 13 in [32302, 32392]
coverage: 2024-01-07 / 2024-01-13
created: 2024-01-14T05:21:33Z

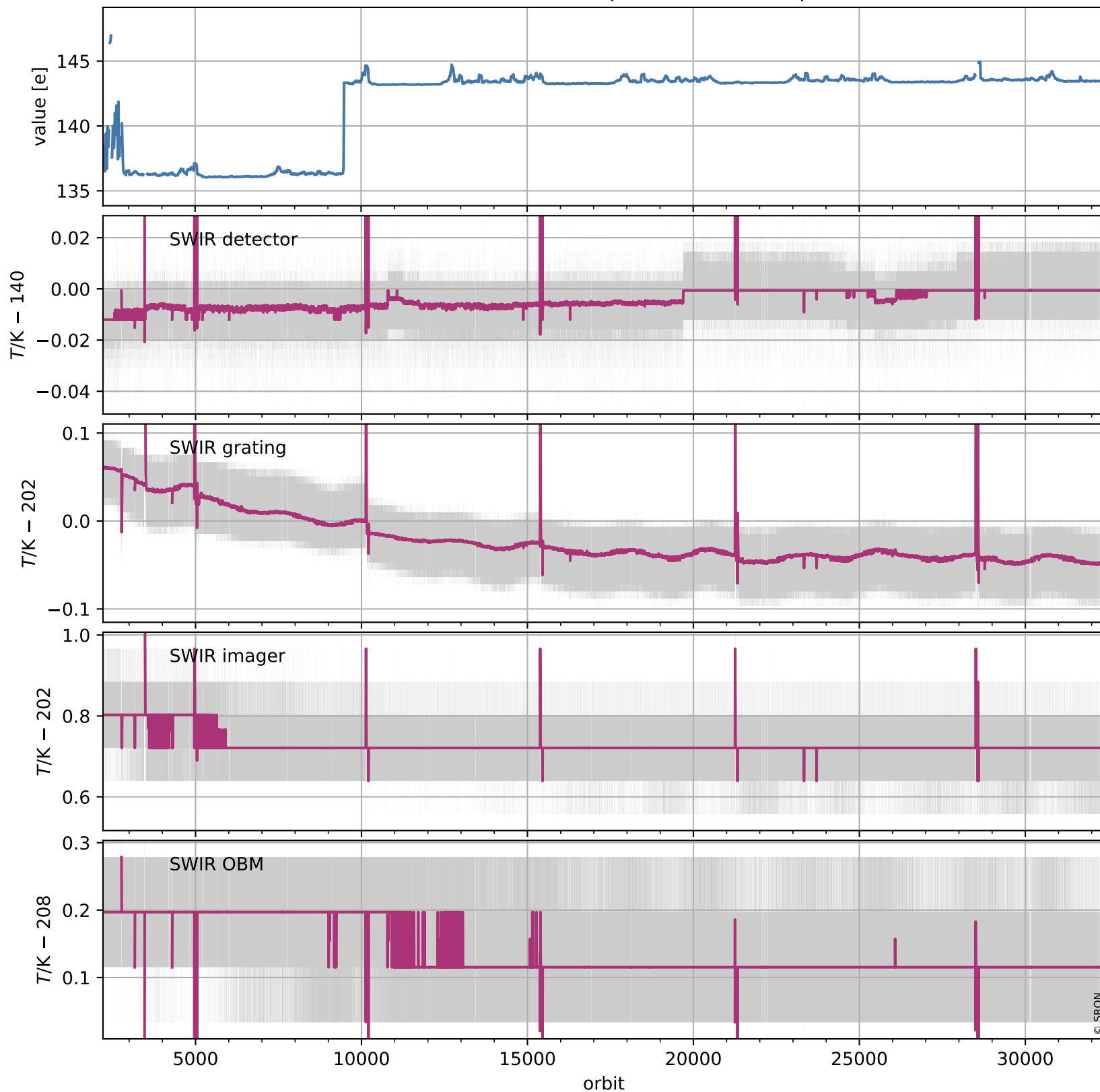
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32392]
coverage: 2018-03-18 / 2024-01-13
created: 2024-01-14T05:21:34Z

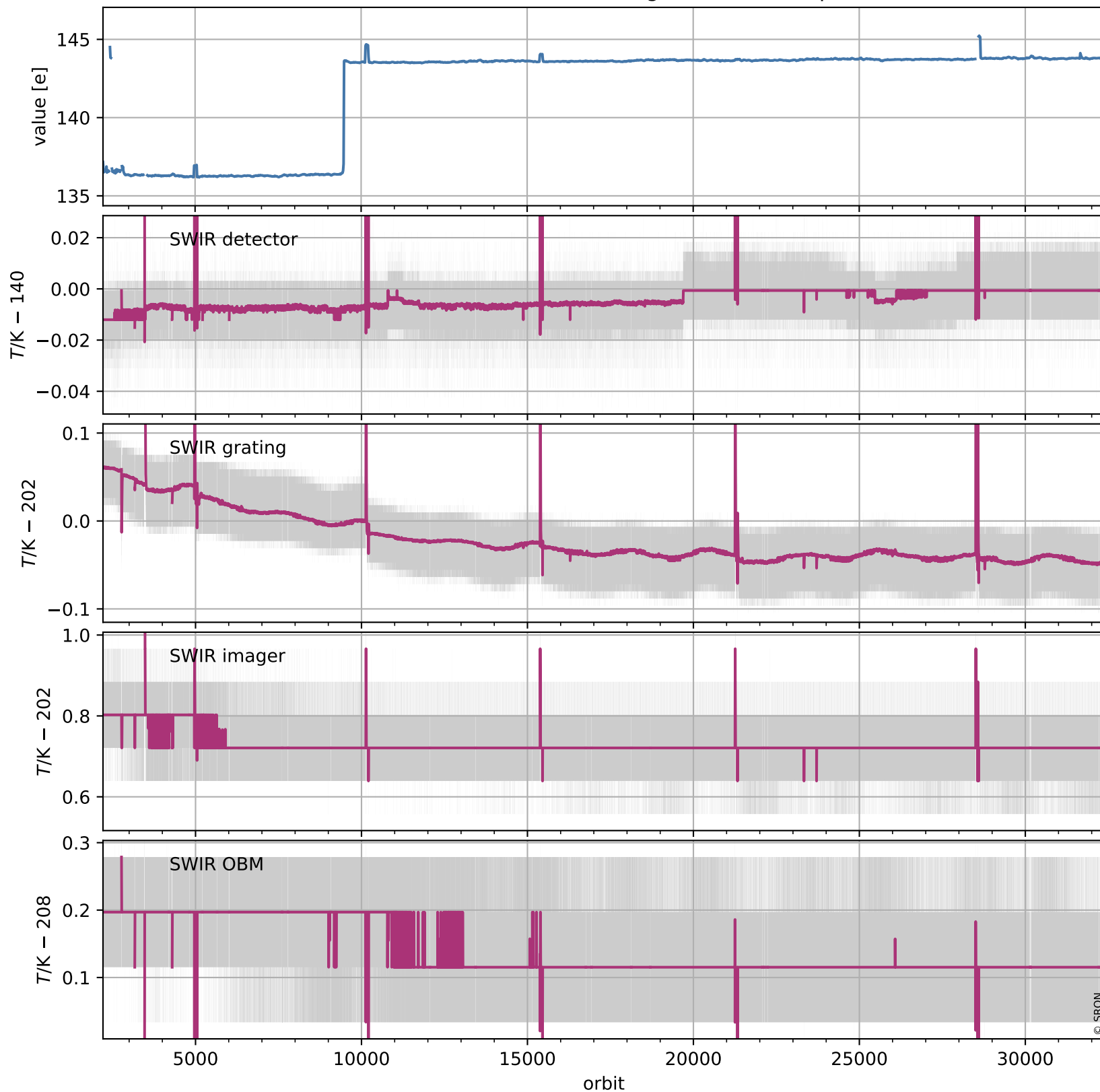
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32392]
coverage: 2018-03-18 / 2024-01-13
created: 2024-01-14T05:21:35Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32392]
coverage: 2018-03-18 / 2024-01-13
created: 2024-01-14T05:21:36Z

trend of normalized read-noise & temperatures

