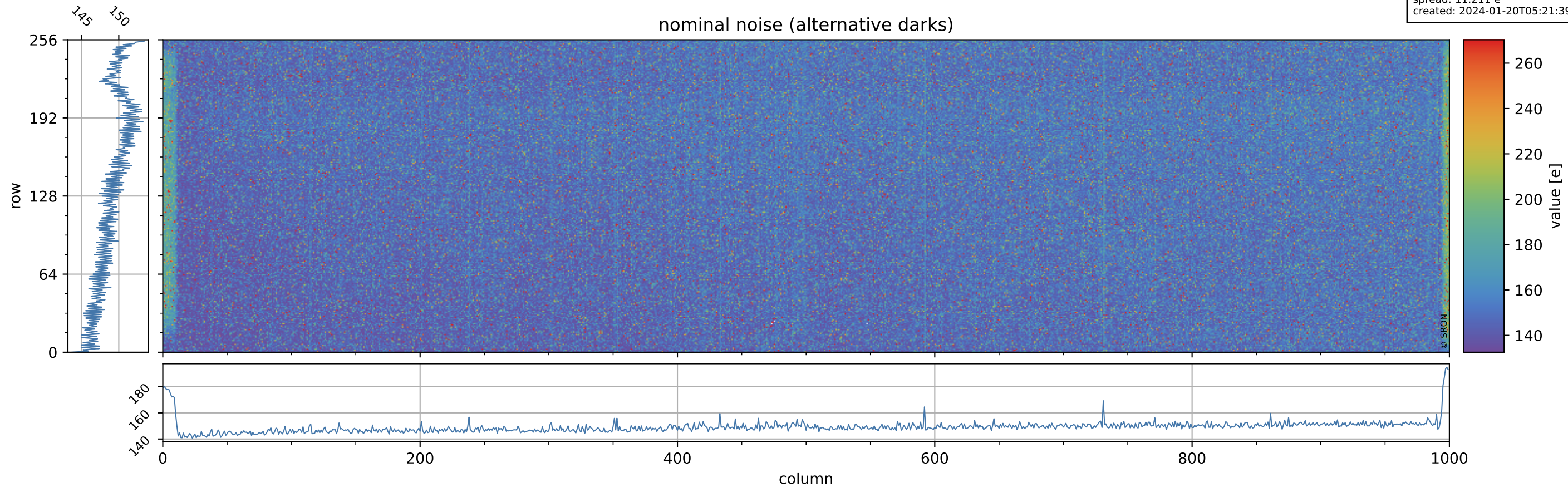


Tropomi SWIR background noise (swir)

orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
n_coad, t_exp: 1, 1.0783
median: 148.99 e
spread: 11.211 e
created: 2024-01-20T05:21:39Z

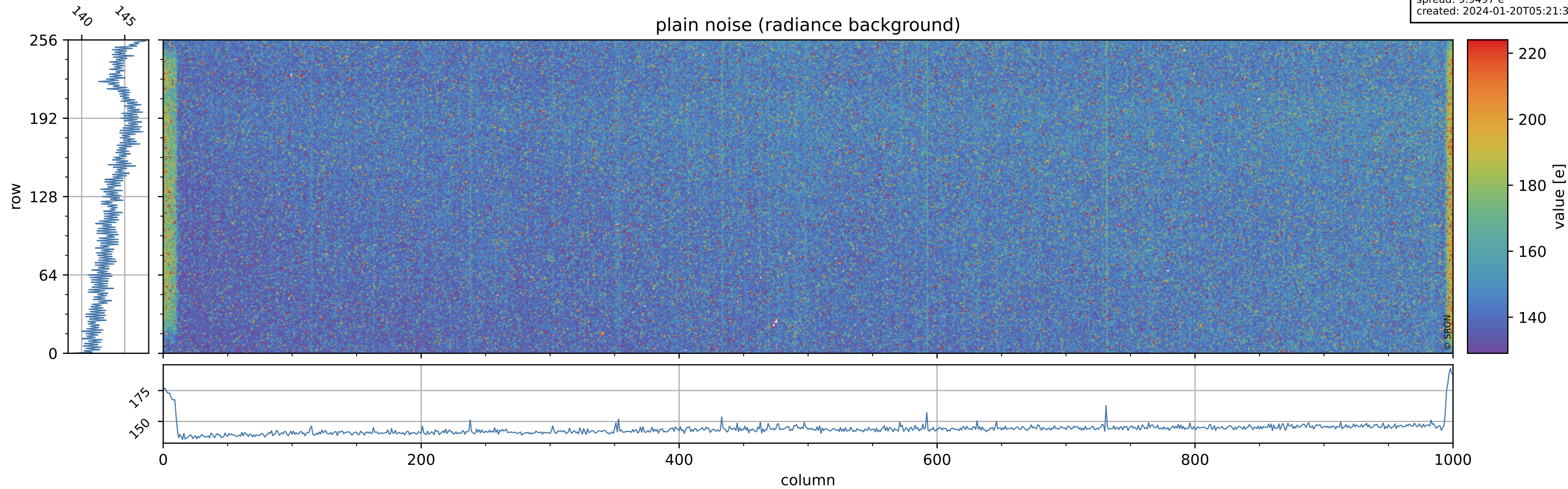
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
n_coad, t_exp: 1, 0.8383
median: 143.62 e
spread: 9.9497 e
created: 2024-01-20T05:21:39Z

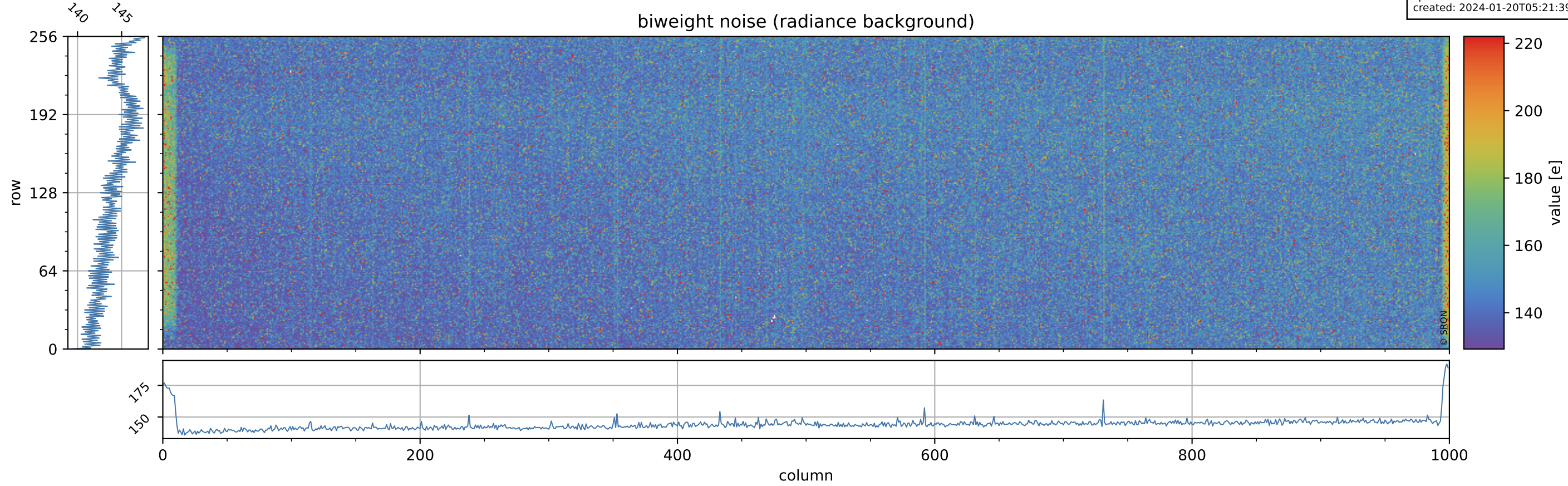
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
n_coad, t_exp: 1, 0.8383
median: 143.94 e
spread: 9.8907 e
created: 2024-01-20T05:21:39Z

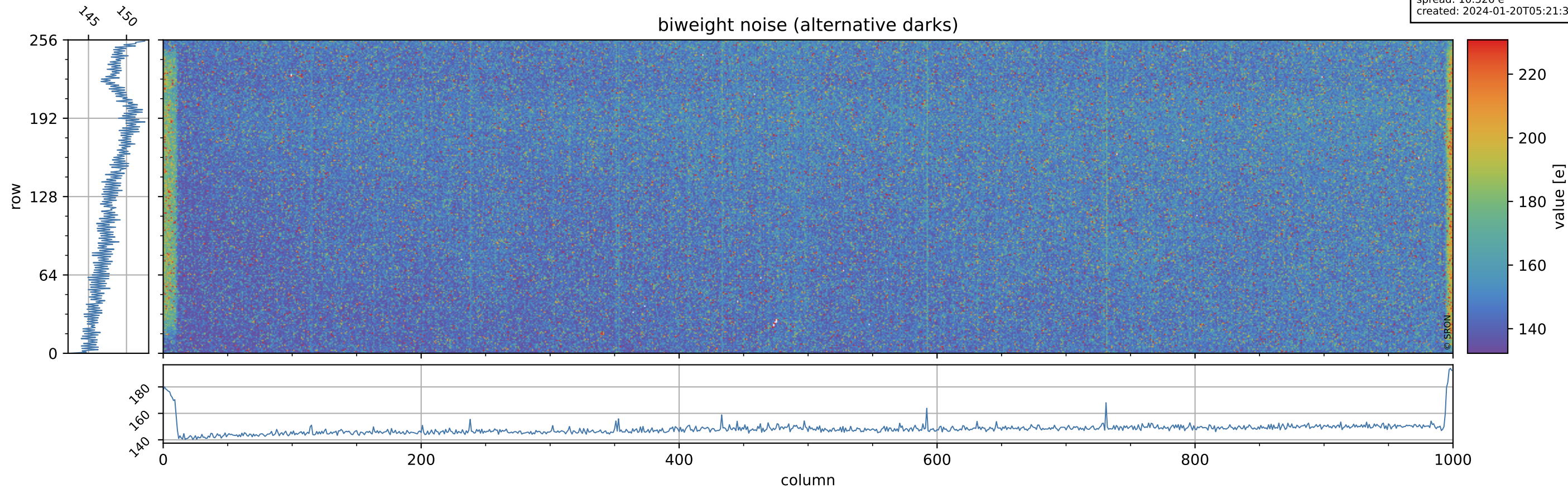
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
n_coad, t_exp: 1, 1.0783
median: 147.94 e
spread: 10.326 e
created: 2024-01-20T05:21:39Z

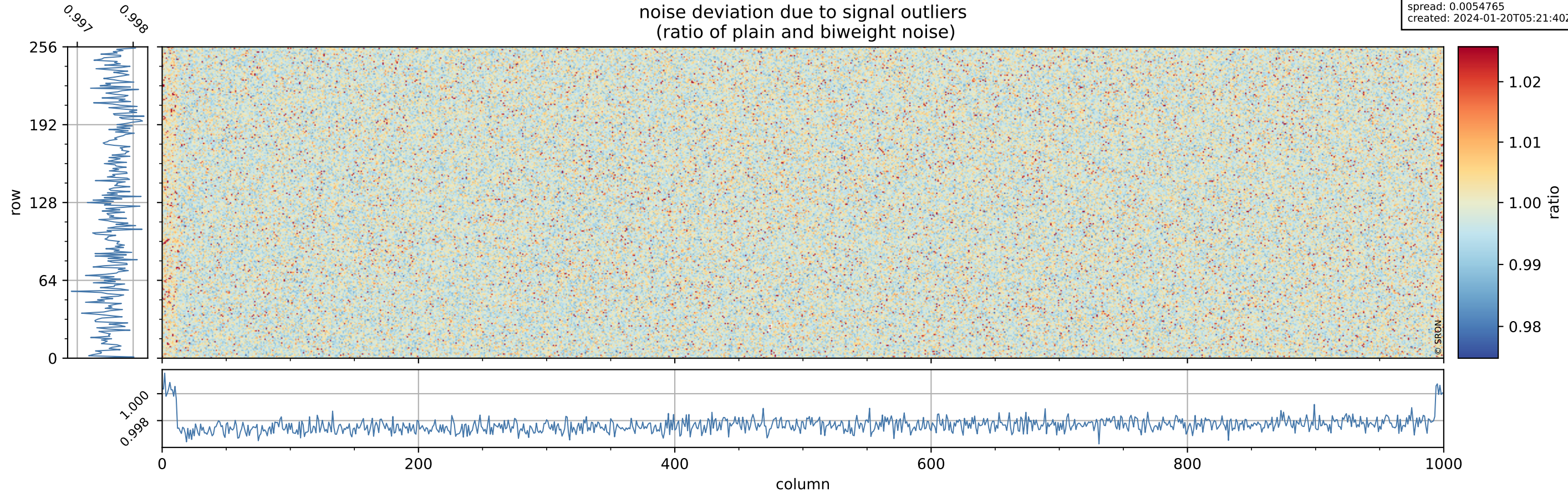
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

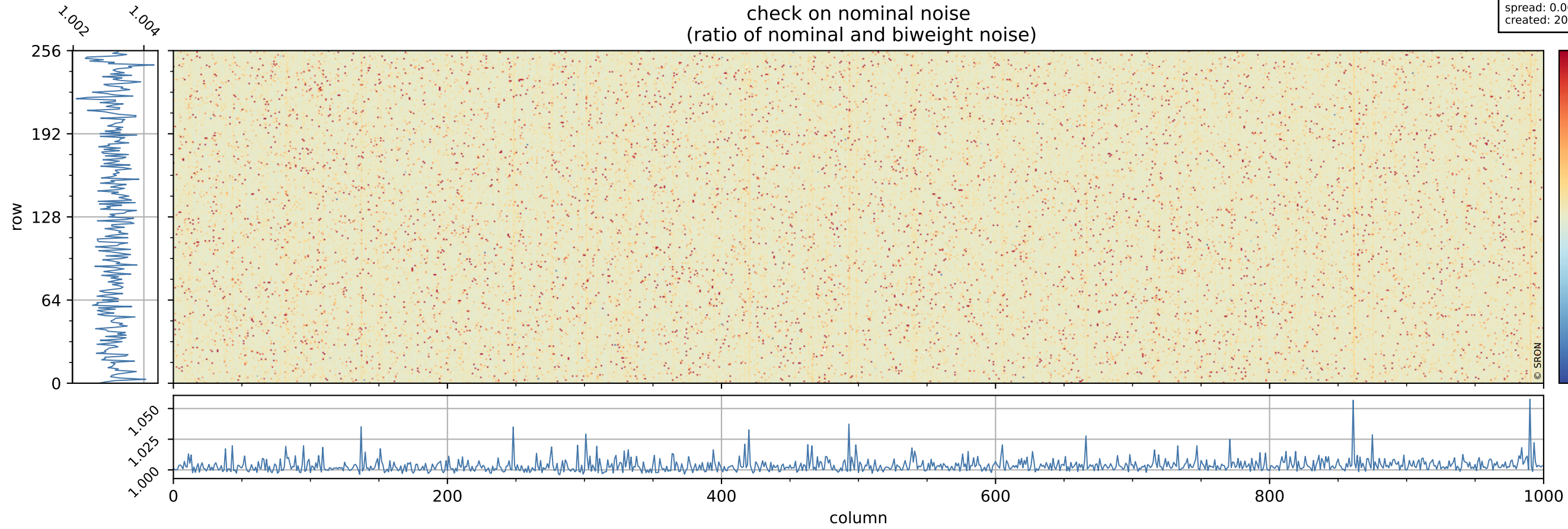
orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
median: 0.99765
spread: 0.0054765
created: 2024-01-20T05:21:40Z



Tropomi SWIR background noise (swir)

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

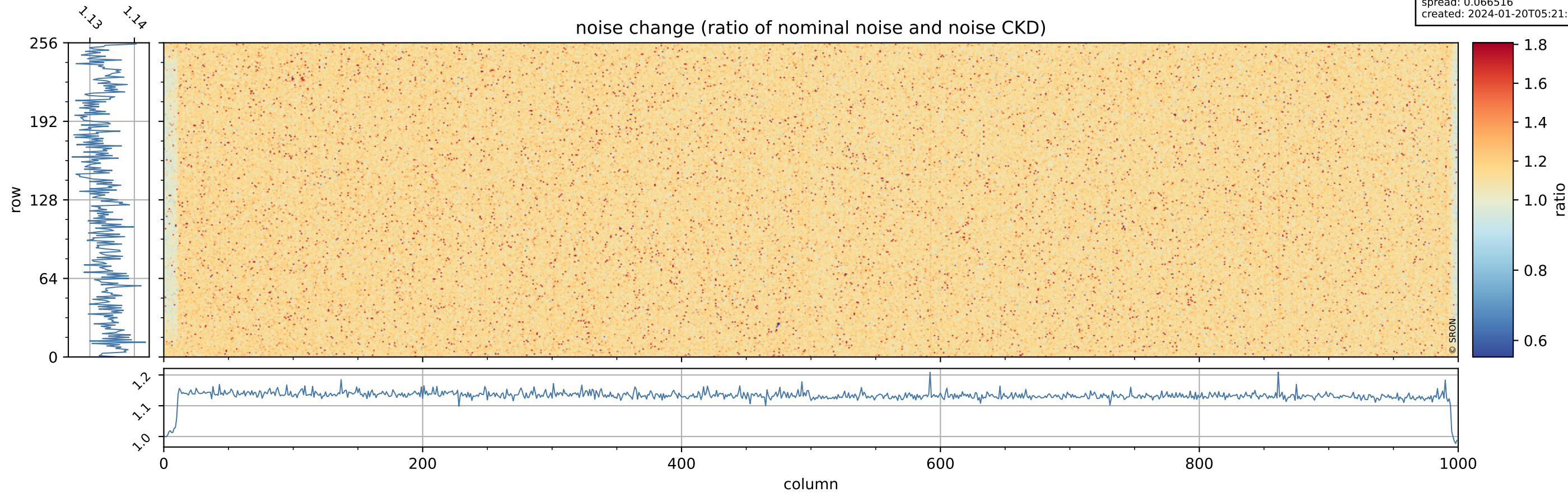
orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
median: 1.0029
spread: 0.009048
created: 2024-01-20T05:21:40Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
median: 1.1316
spread: 0.066516
created: 2024-01-20T05:21:40Z

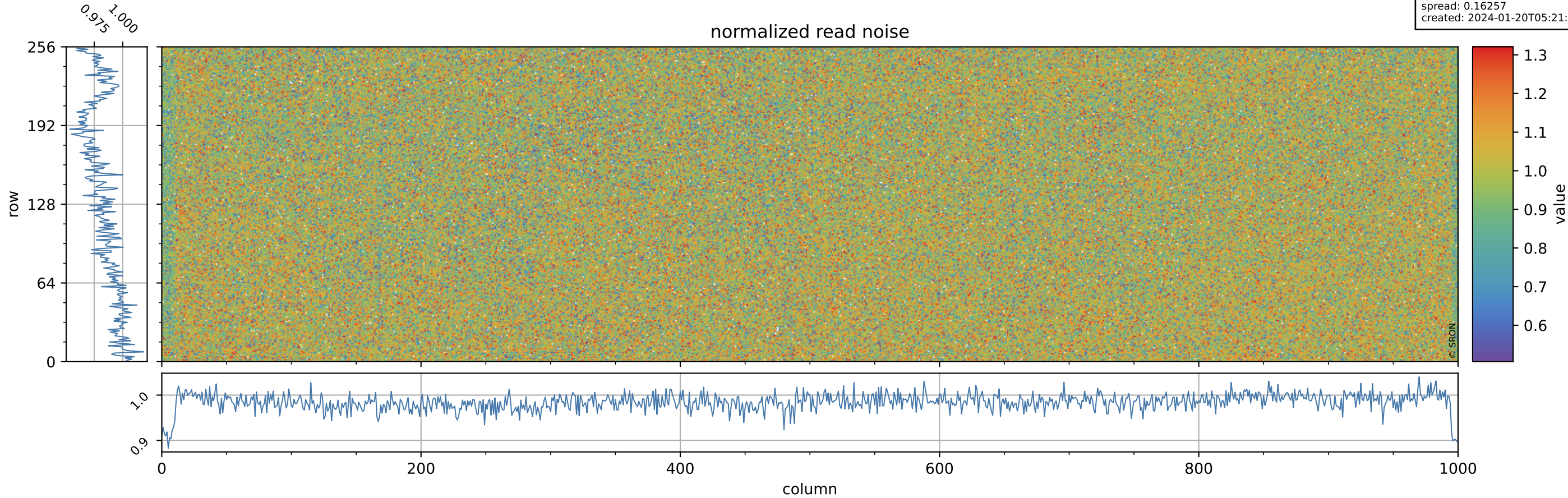
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
median: 0.98269
spread: 0.16257
created: 2024-01-20T05:21:40Z

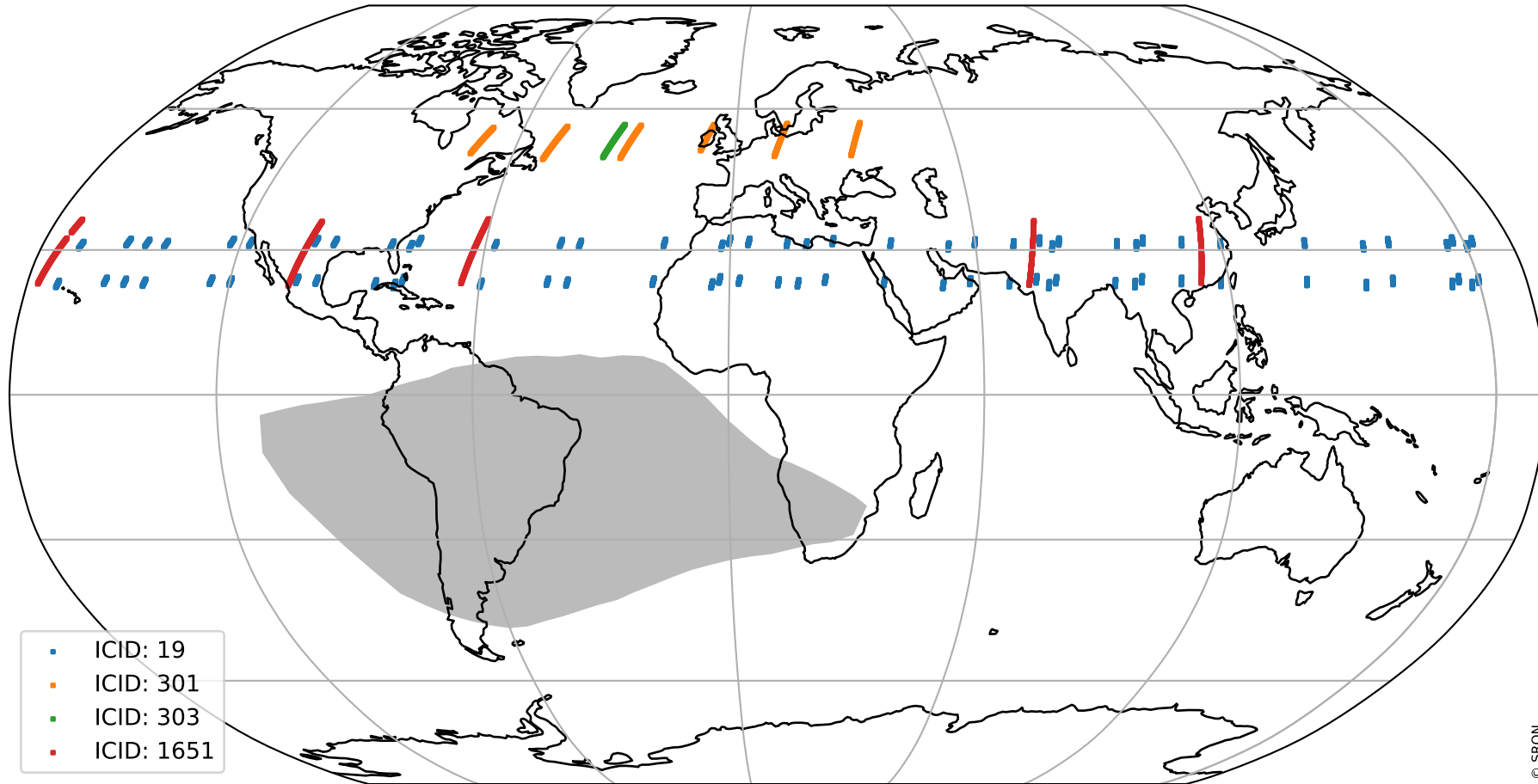
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32392, 32482]
coverage: 2024-01-13 / 2024-01-19
created: 2024-01-20T05:21:41Z

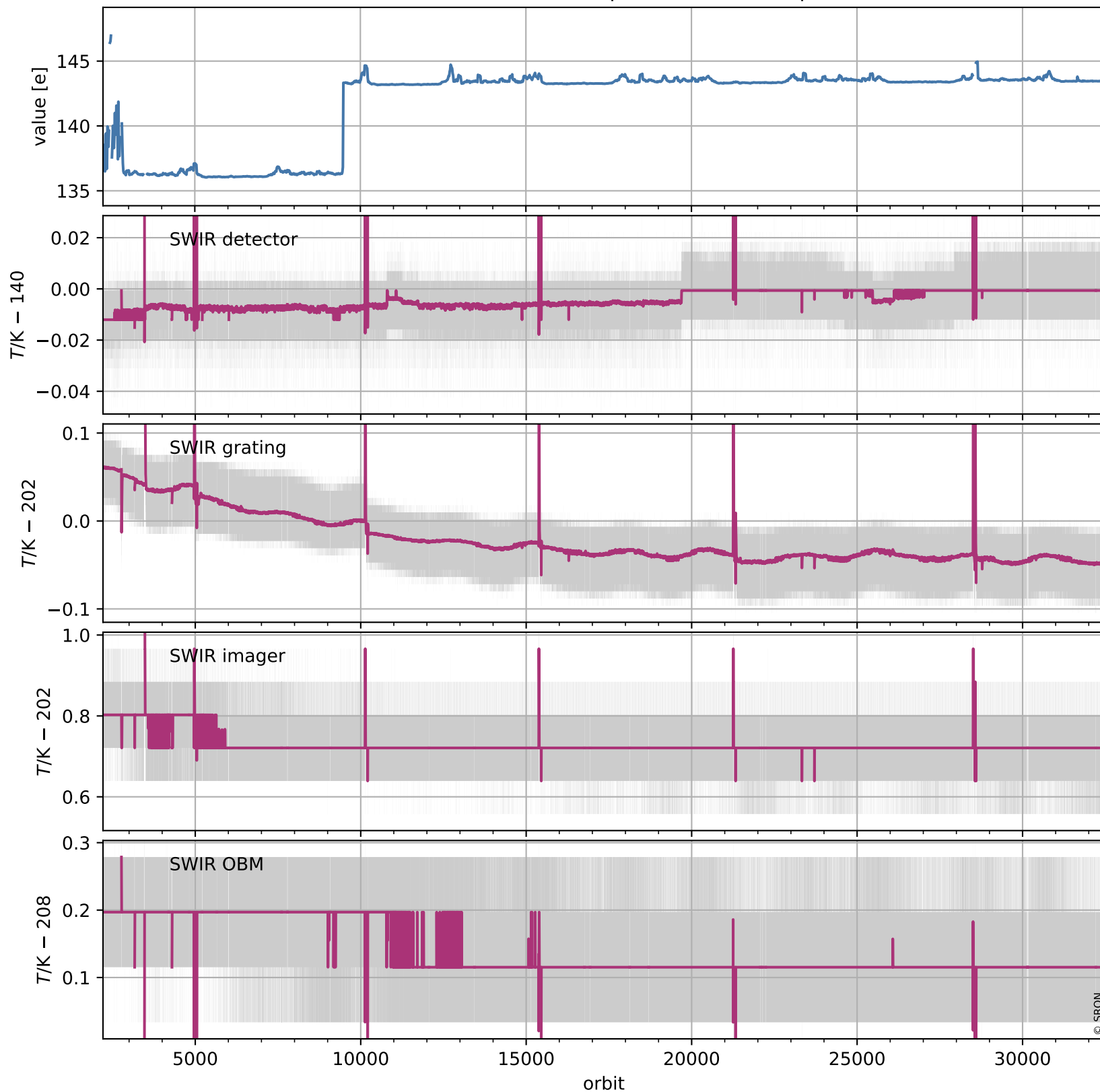
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32482]
coverage: 2018-03-18 / 2024-01-19
created: 2024-01-20T05:21:41Z

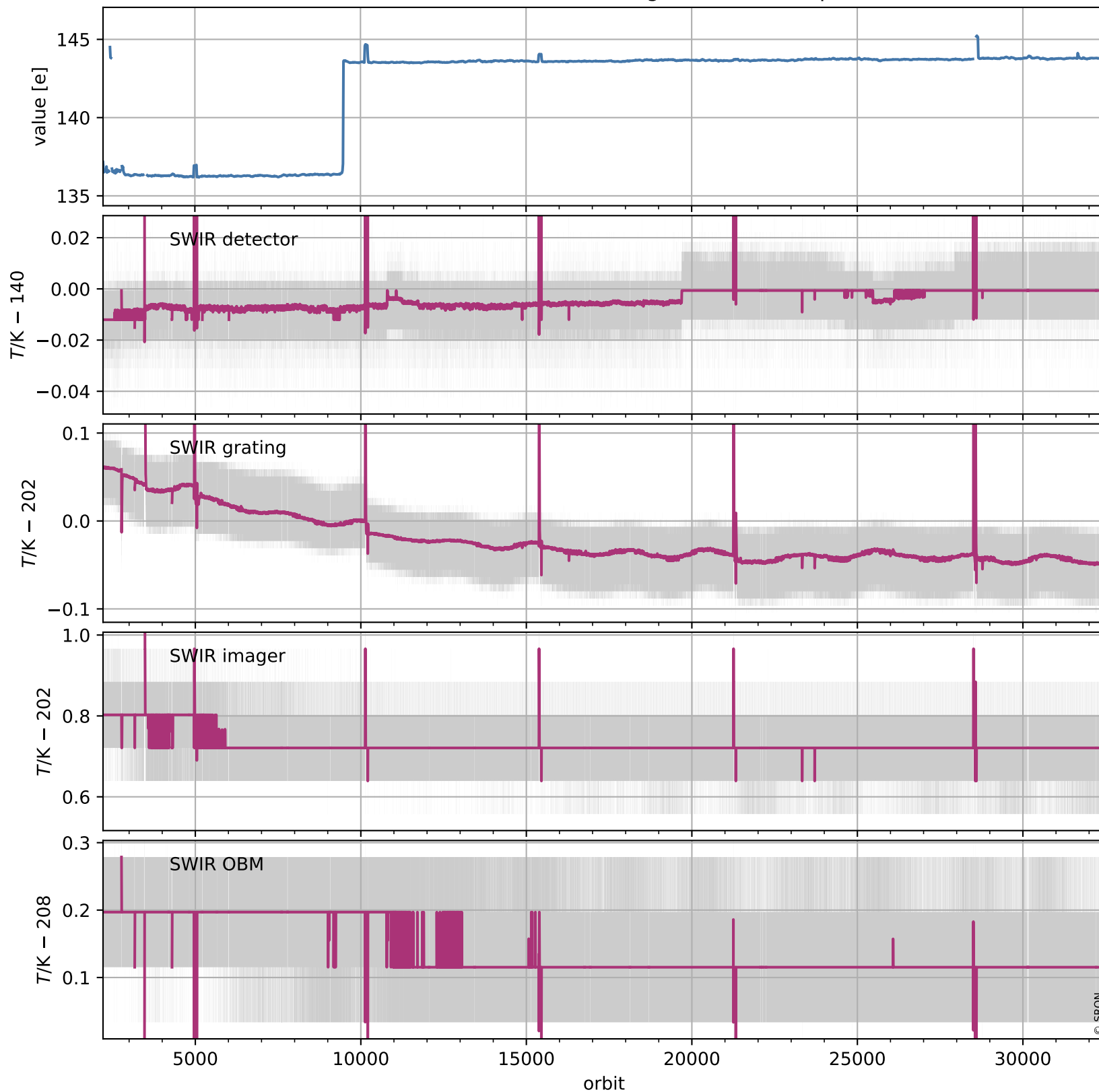
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32482]
coverage: 2018-03-18 / 2024-01-19
created: 2024-01-20T05:21:42Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32482]
coverage: 2018-03-18 / 2024-01-19
created: 2024-01-20T05:21:43Z

trend of normalized read-noise & temperatures

