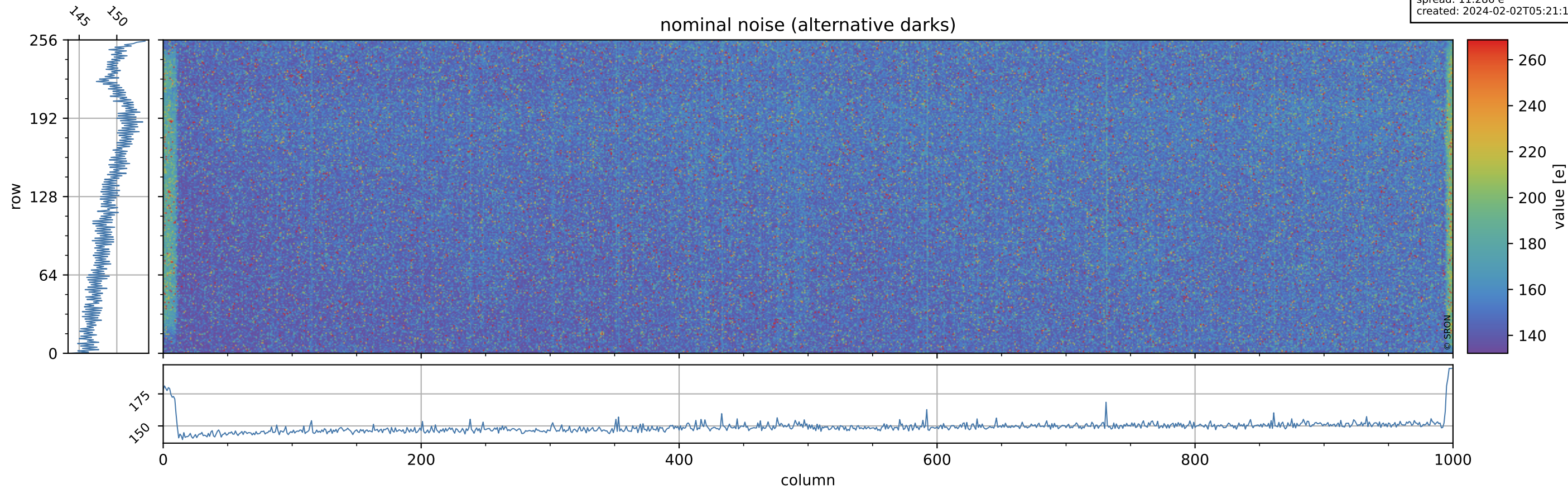


Tropomi SWIR background noise (swir)

orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
n_coad, t_exp: 1, 1.0783
median: 148.95 e
spread: 11.286 e
created: 2024-02-02T05:21:19Z

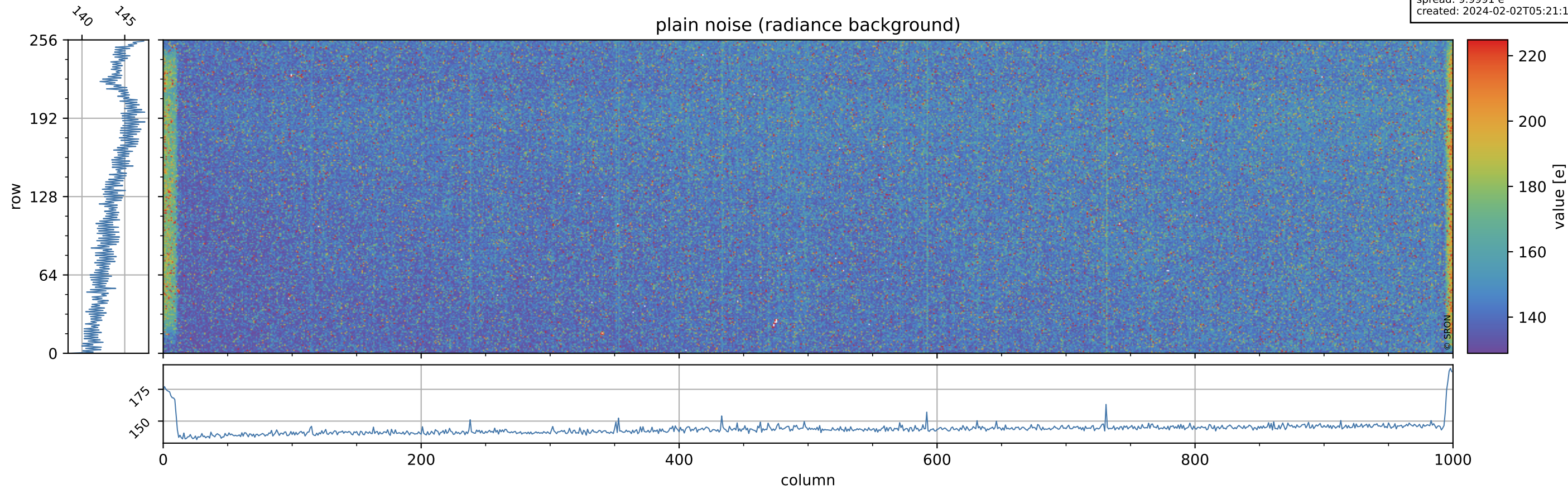
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
n_coad, t_exp: 1, 0.8383
median: 143.59 e
spread: 9.9991 e
created: 2024-02-02T05:21:19Z

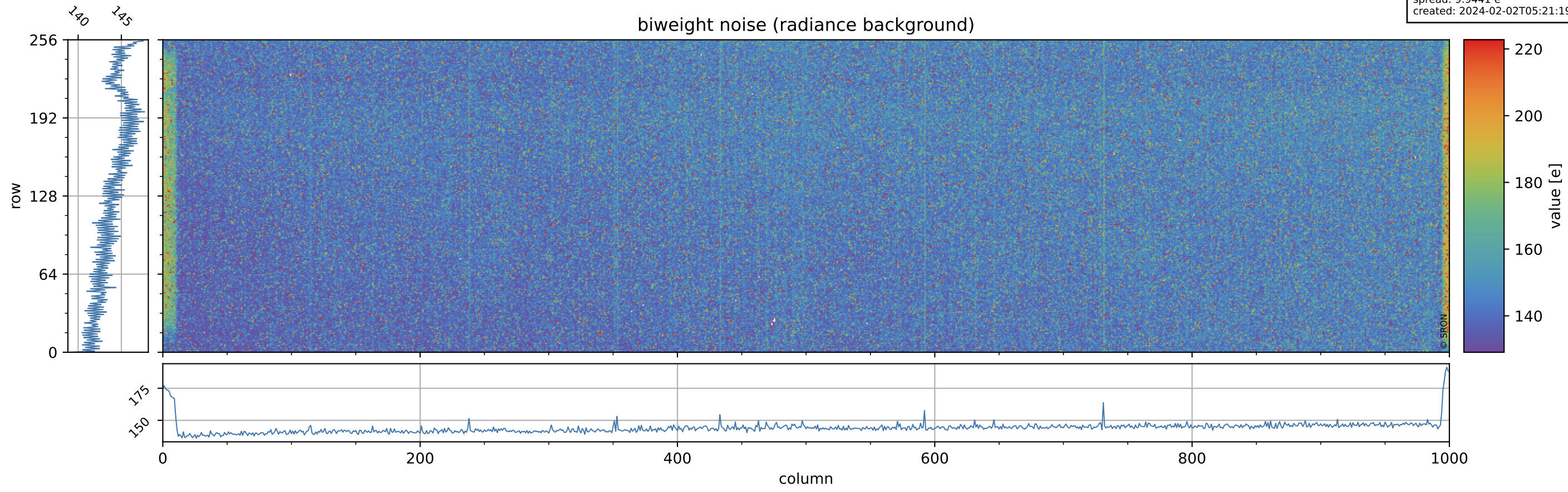
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
n_coad, t_exp: 1, 0.8383
median: 143.92 e
spread: 9.9441 e
created: 2024-02-02T05:21:19Z

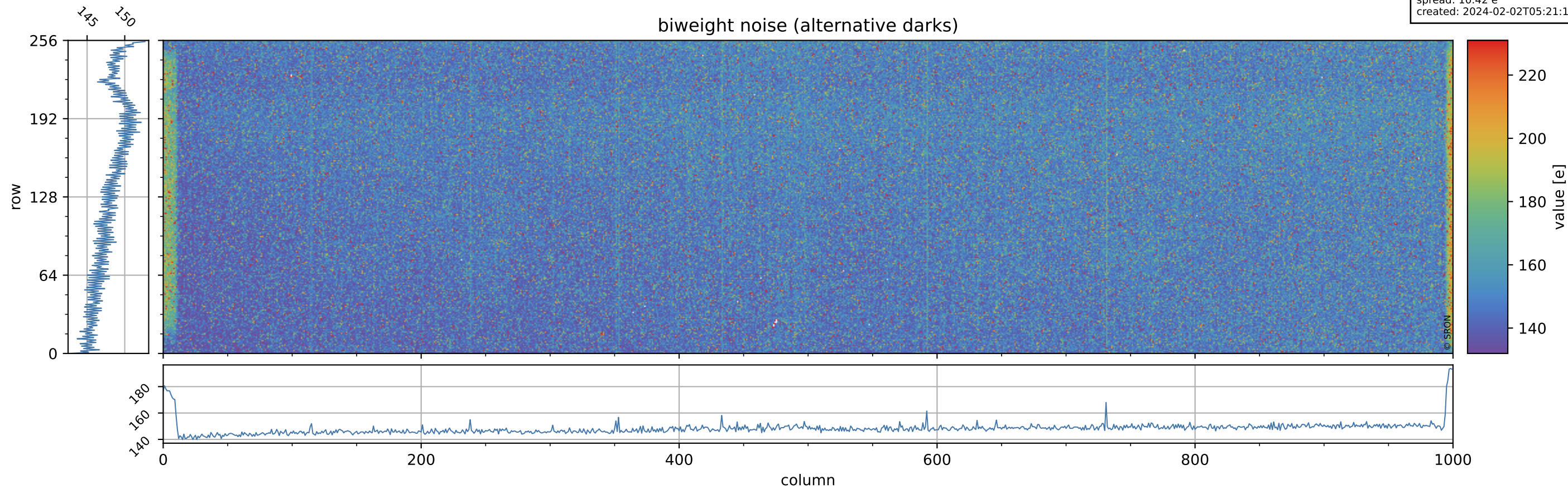
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
n_coad, t_exp: 1, 1.0783
median: 147.96 e
spread: 10.42 e
created: 2024-02-02T05:21:19Z

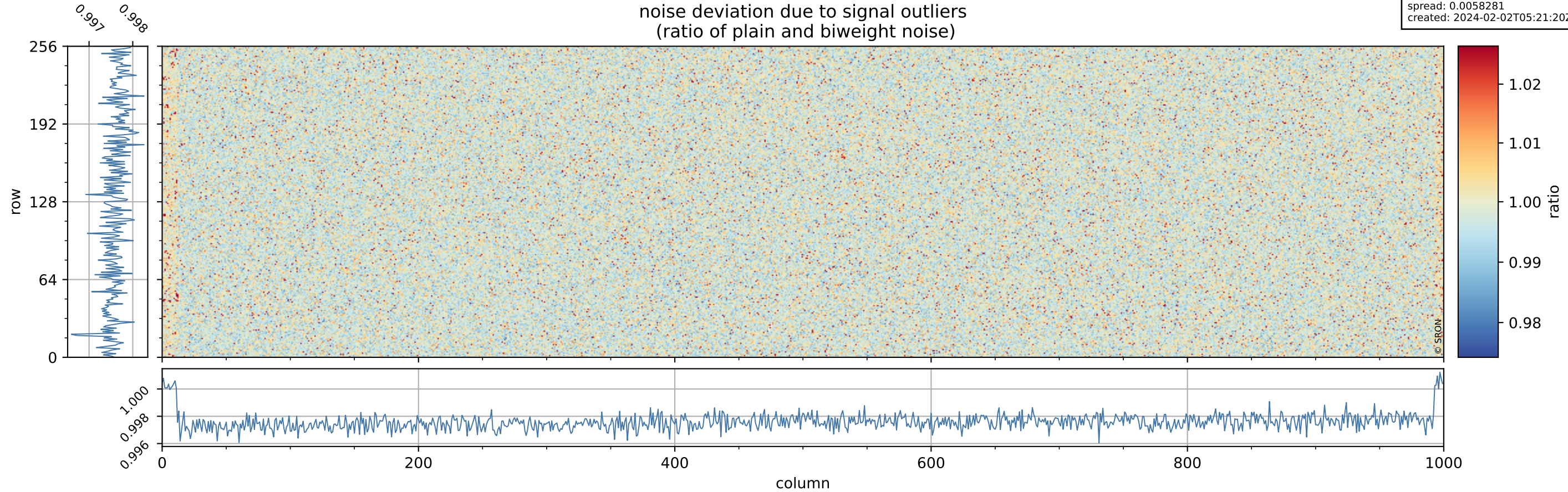
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

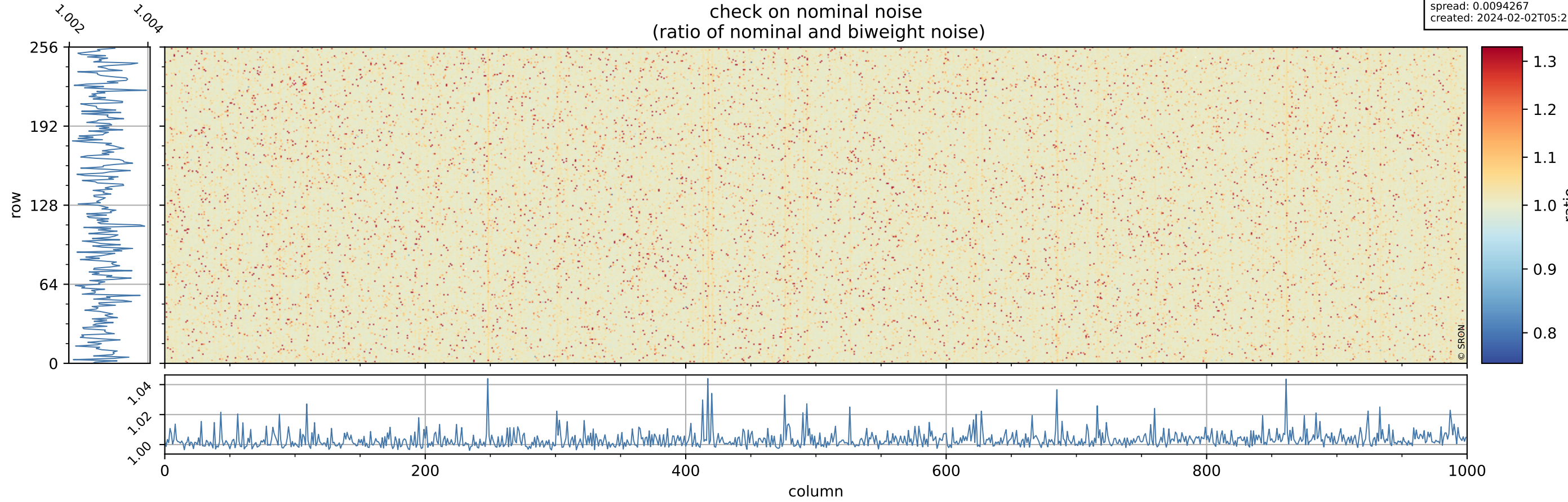
orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
median: 0.99758
spread: 0.0058281
created: 2024-02-02T05:21:20Z



Tropomi SWIR background noise (swir)

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

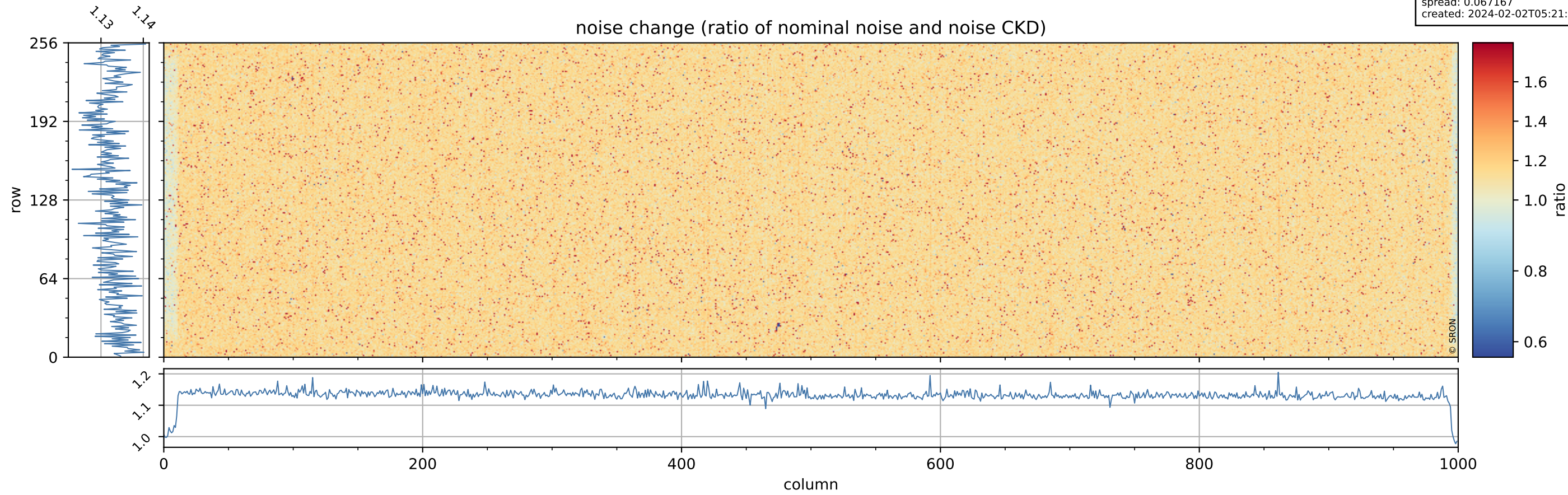
orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
median: 1.0026
spread: 0.0094267
created: 2024-02-02T05:21:20Z



Tropomi SWIR background noise (swir)

orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
median: 1.1311
spread: 0.067167
created: 2024-02-02T05:21:20Z

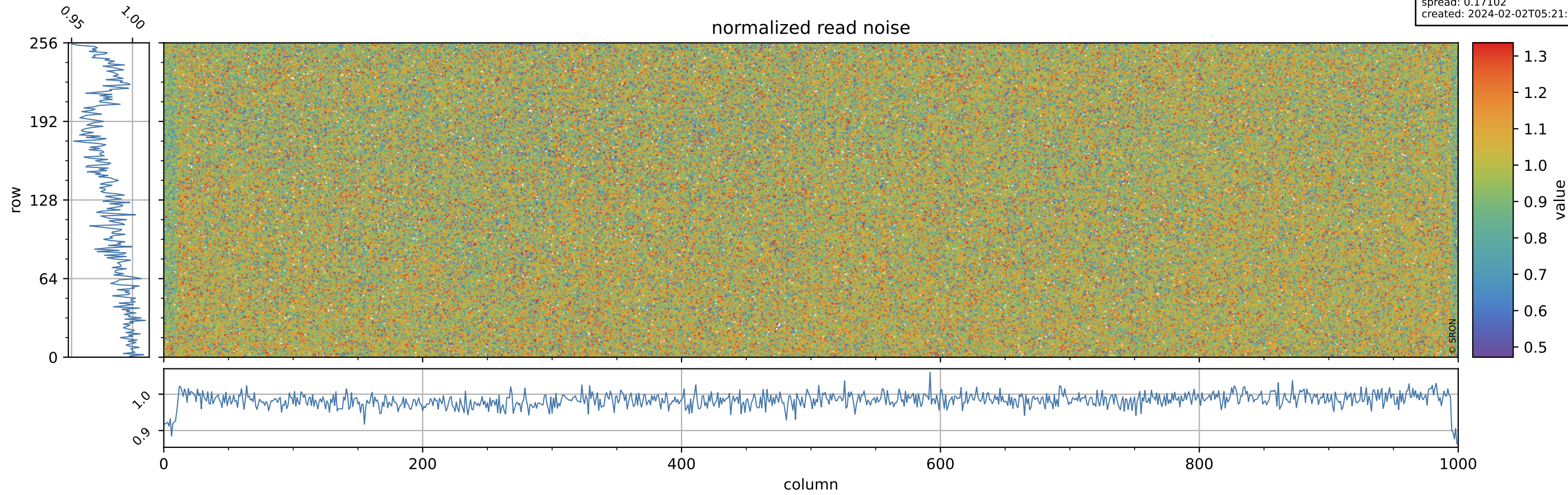
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
median: 0.98173
spread: 0.17102
created: 2024-02-02T05:21:21Z

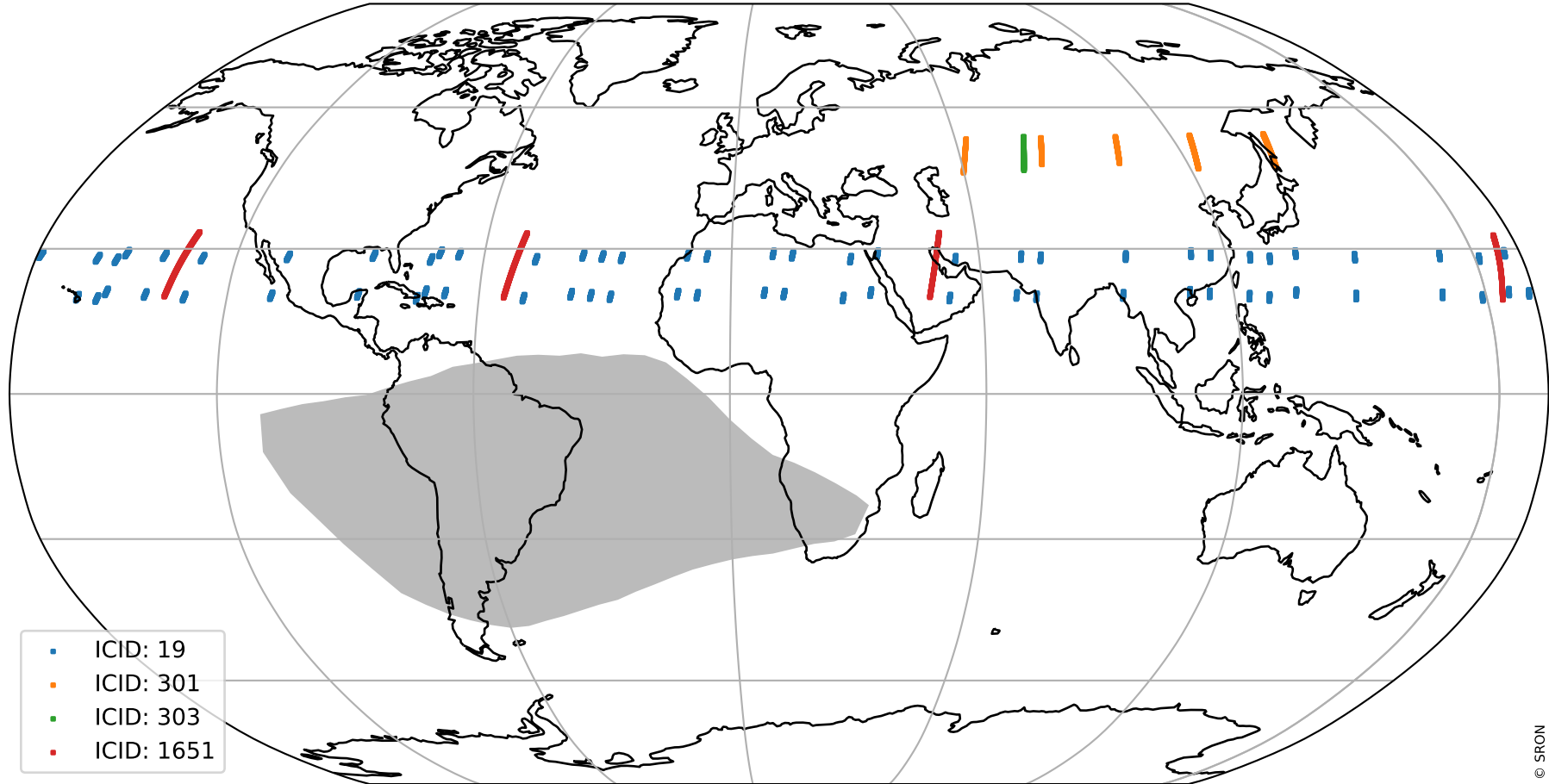
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 10 in [32572, 32647]
coverage: 2024-01-26 / 2024-01-31
created: 2024-02-02T05:21:21Z

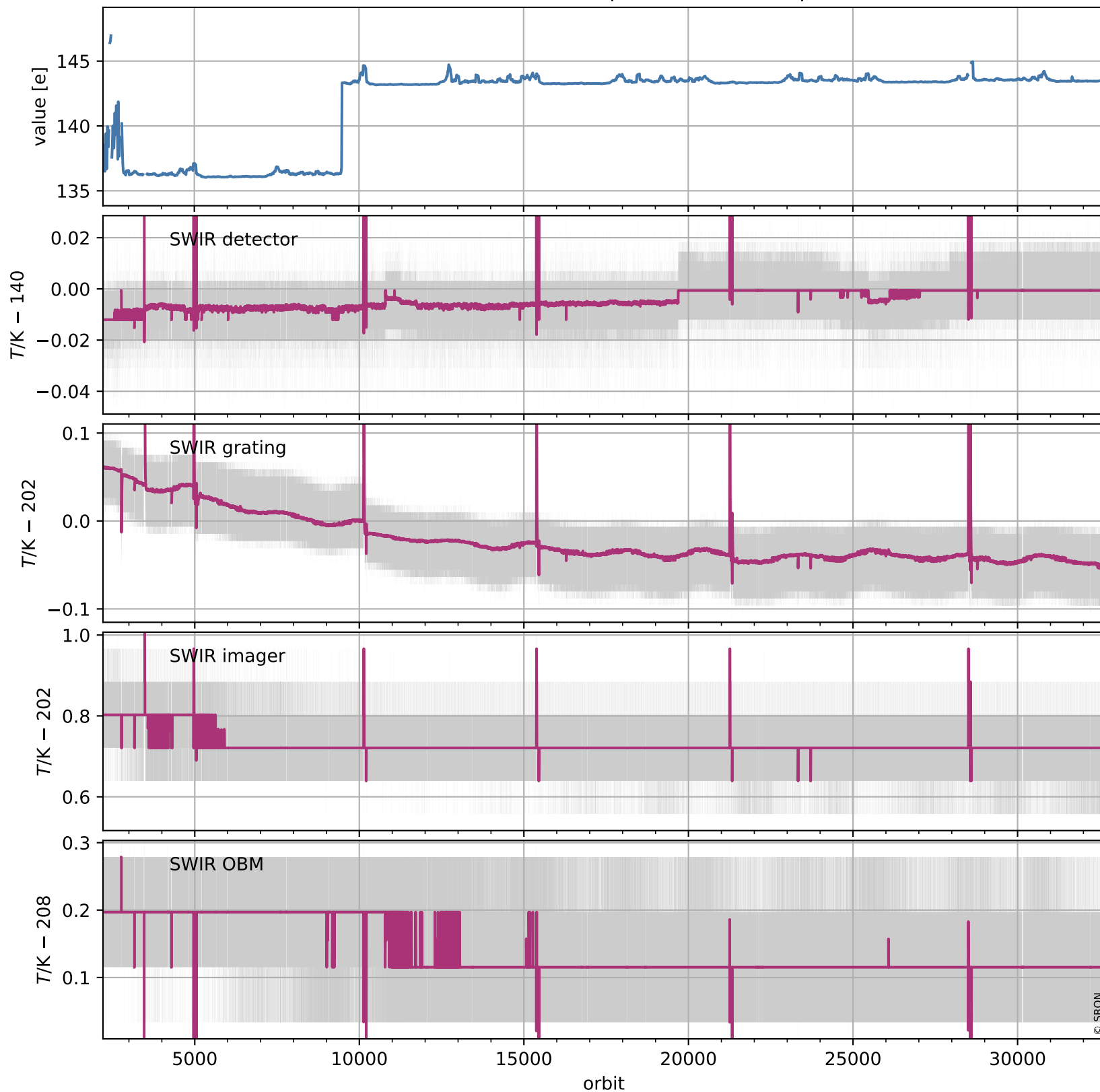
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32647]
coverage: 2018-03-18 / 2024-01-31
created: 2024-02-02T05:21:22Z

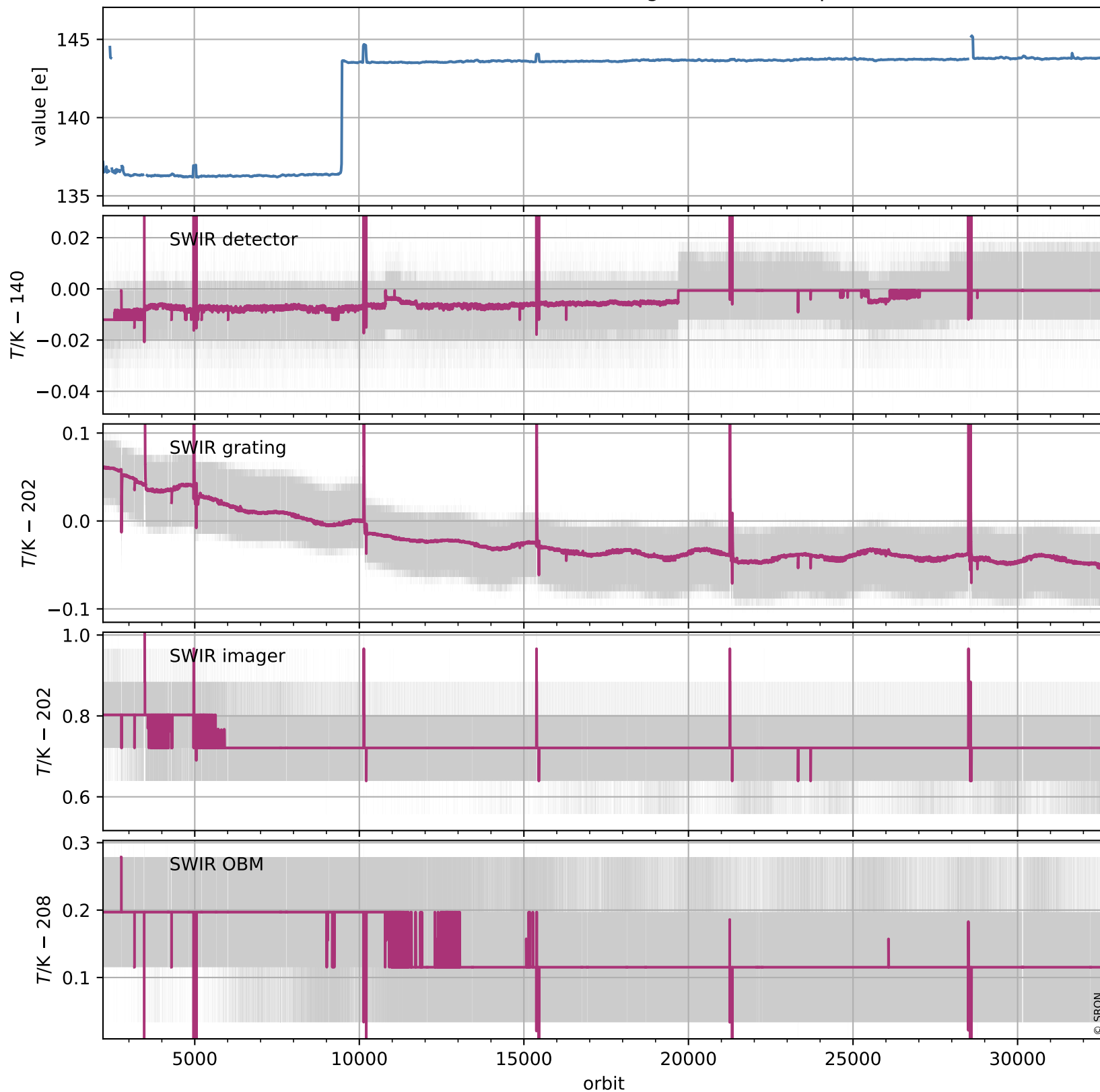
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32647]
coverage: 2018-03-18 / 2024-01-31
created: 2024-02-02T05:21:23Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32647]
coverage: 2018-03-18 / 2024-01-31
created: 2024-02-02T05:21:24Z

trend of normalized read-noise & temperatures

