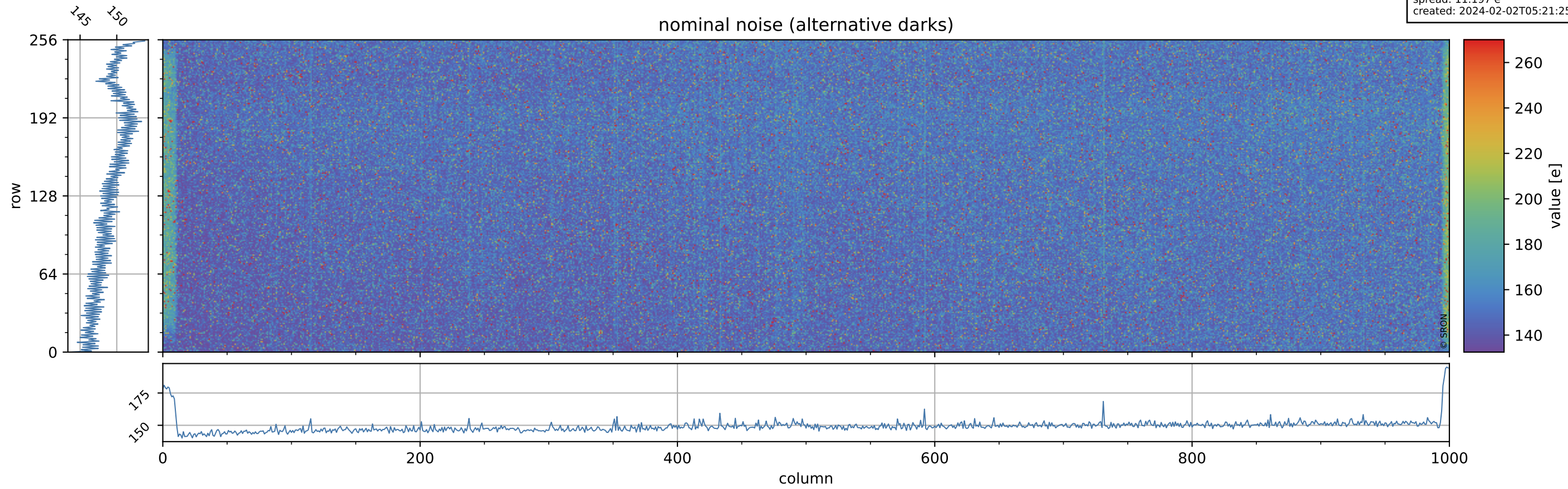


Tropomi SWIR background noise (swir)

orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
n_coad, t_exp: 1, 1.0783
median: 148.99 e
spread: 11.197 e
created: 2024-02-02T05:21:25Z

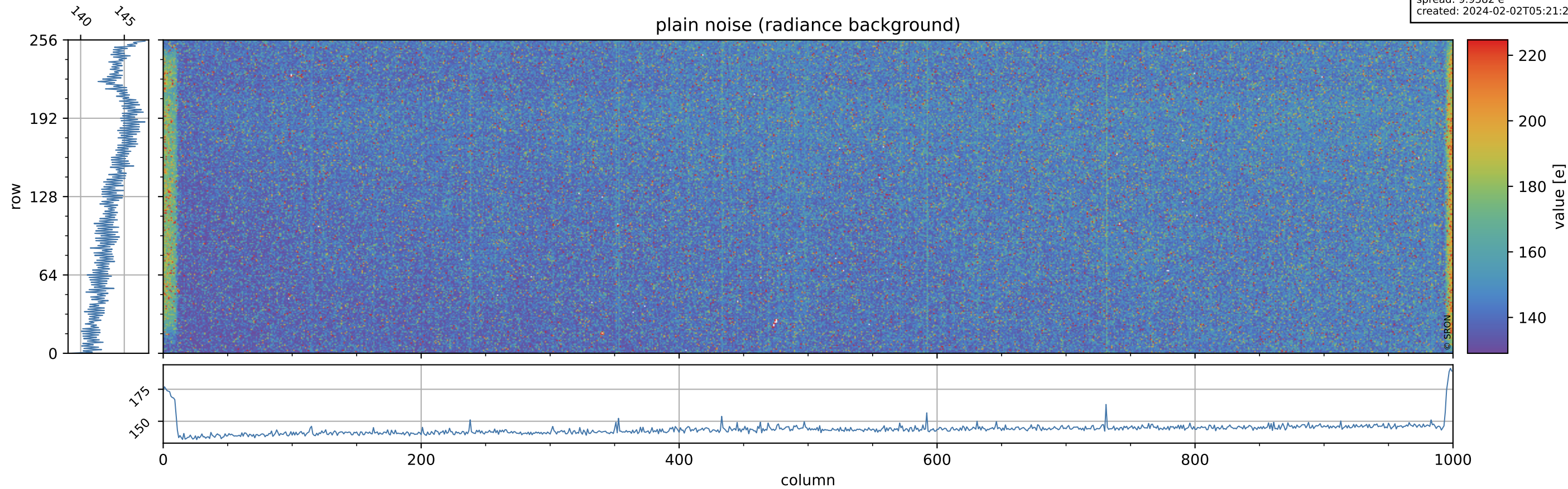
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
n_coad, t_exp: 1, 0.8383
median: 143.58 e
spread: 9.9382 e
created: 2024-02-02T05:21:25Z

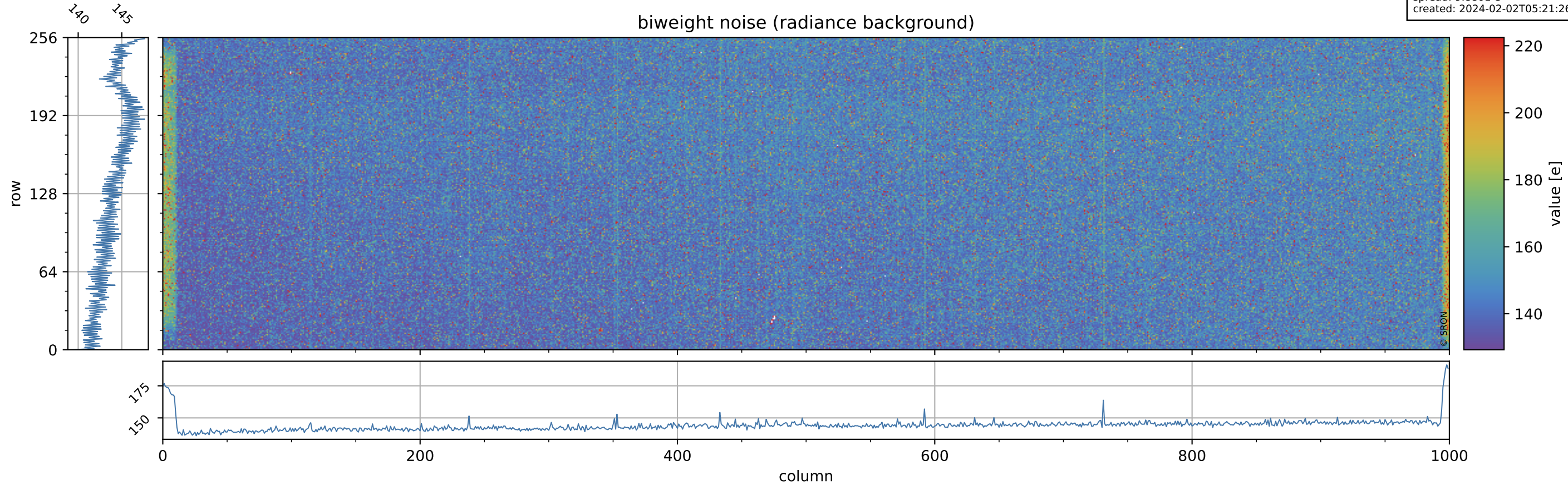
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
n_coad, t_exp: 1, 0.8383
median: 143.91 e
spread: 9.8801 e
created: 2024-02-02T05:21:26Z

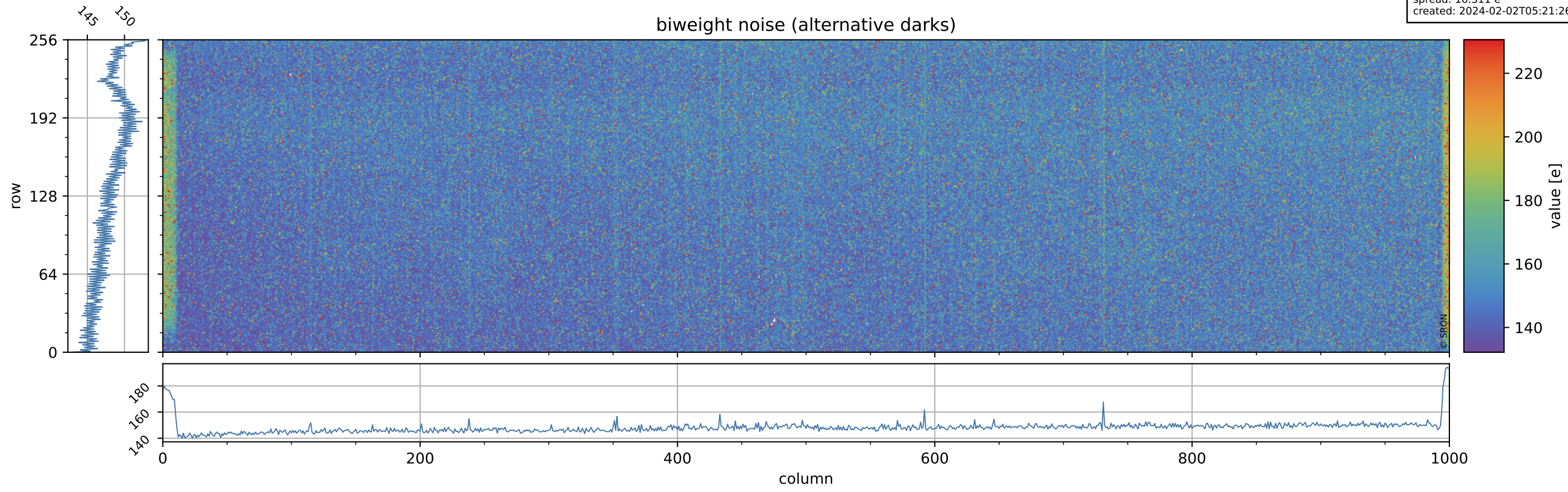
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
n_coad, t_exp: 1, 1.0783
median: 147.93 e
spread: 10.311 e
created: 2024-02-02T05:21:26Z

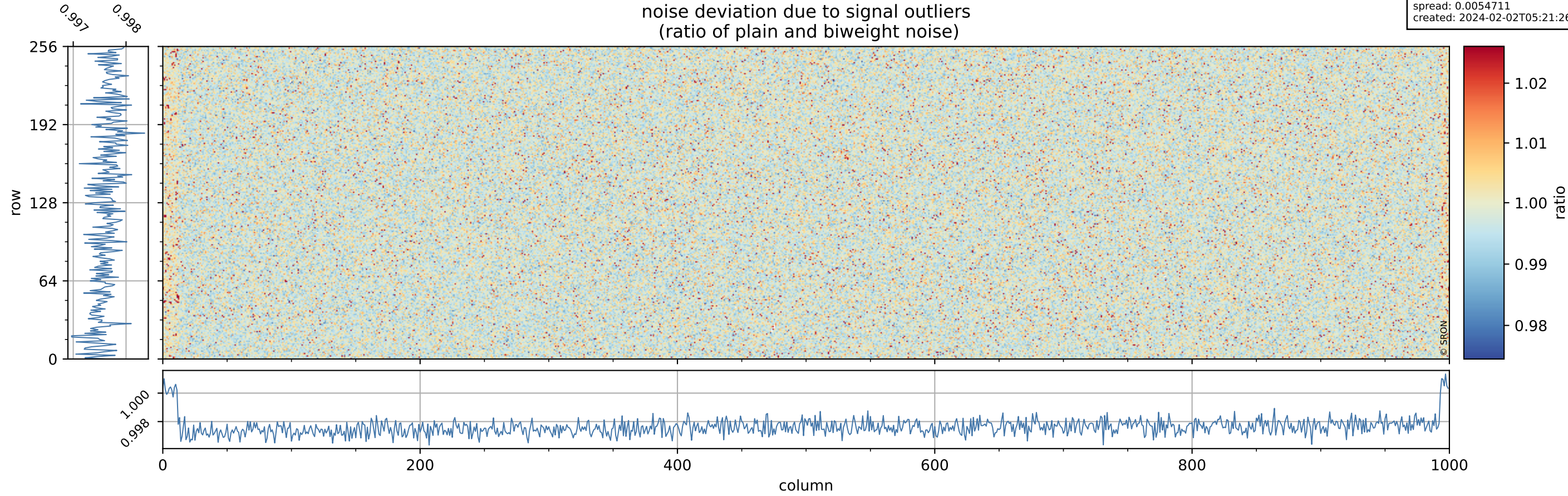
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
median: 0.9976
spread: 0.0054711
created: 2024-02-02T05:21:26Z

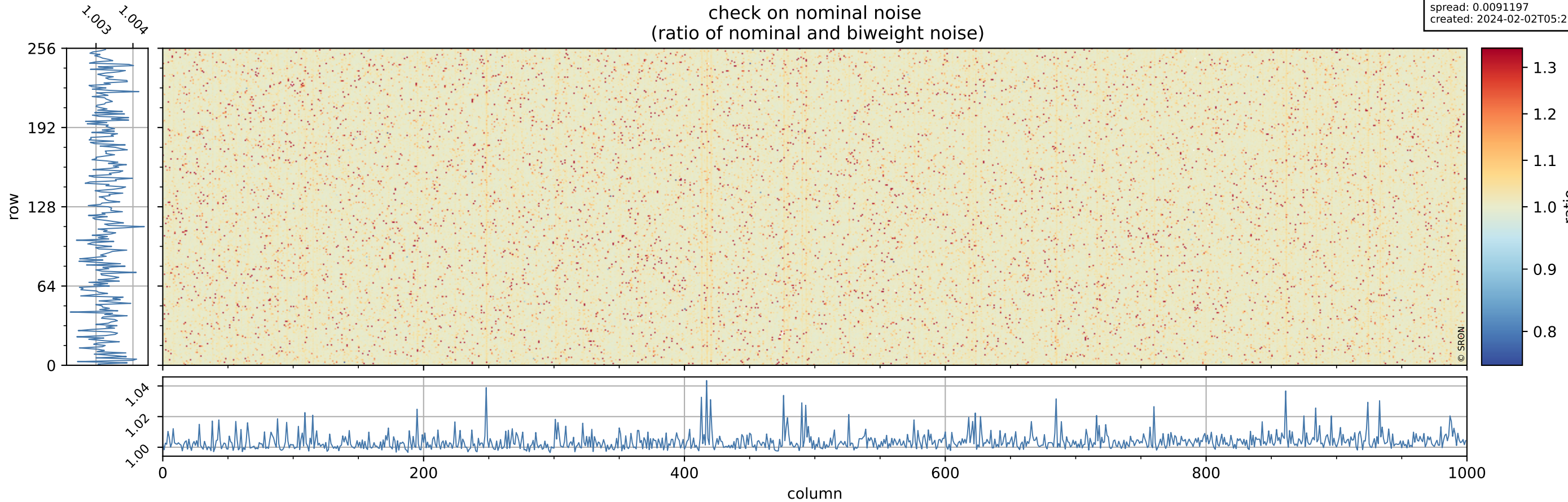
noise deviation due to signal outliers
(ratio of plain and biweight noise)



Tropomi SWIR background noise (swir)

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

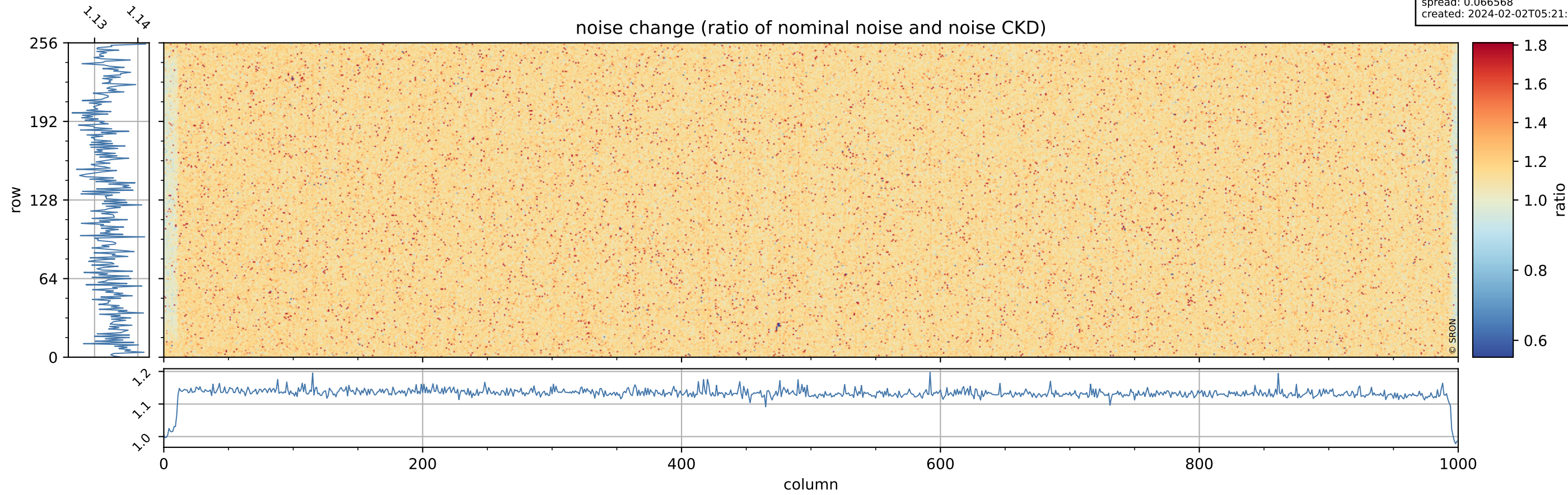
orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
median: 1.003
spread: 0.0091197
created: 2024-02-02T05:21:27Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
median: 1.1317
spread: 0.066568
created: 2024-02-02T05:21:27Z

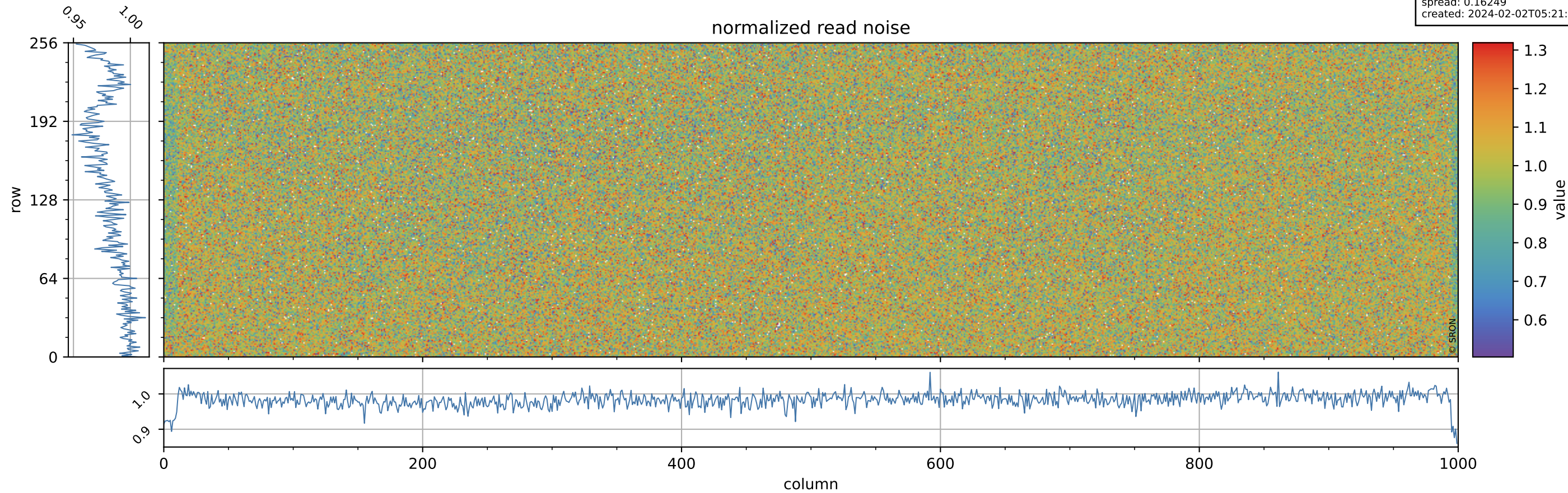
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
median: 0.98202
spread: 0.16249
created: 2024-02-02T05:21:27Z

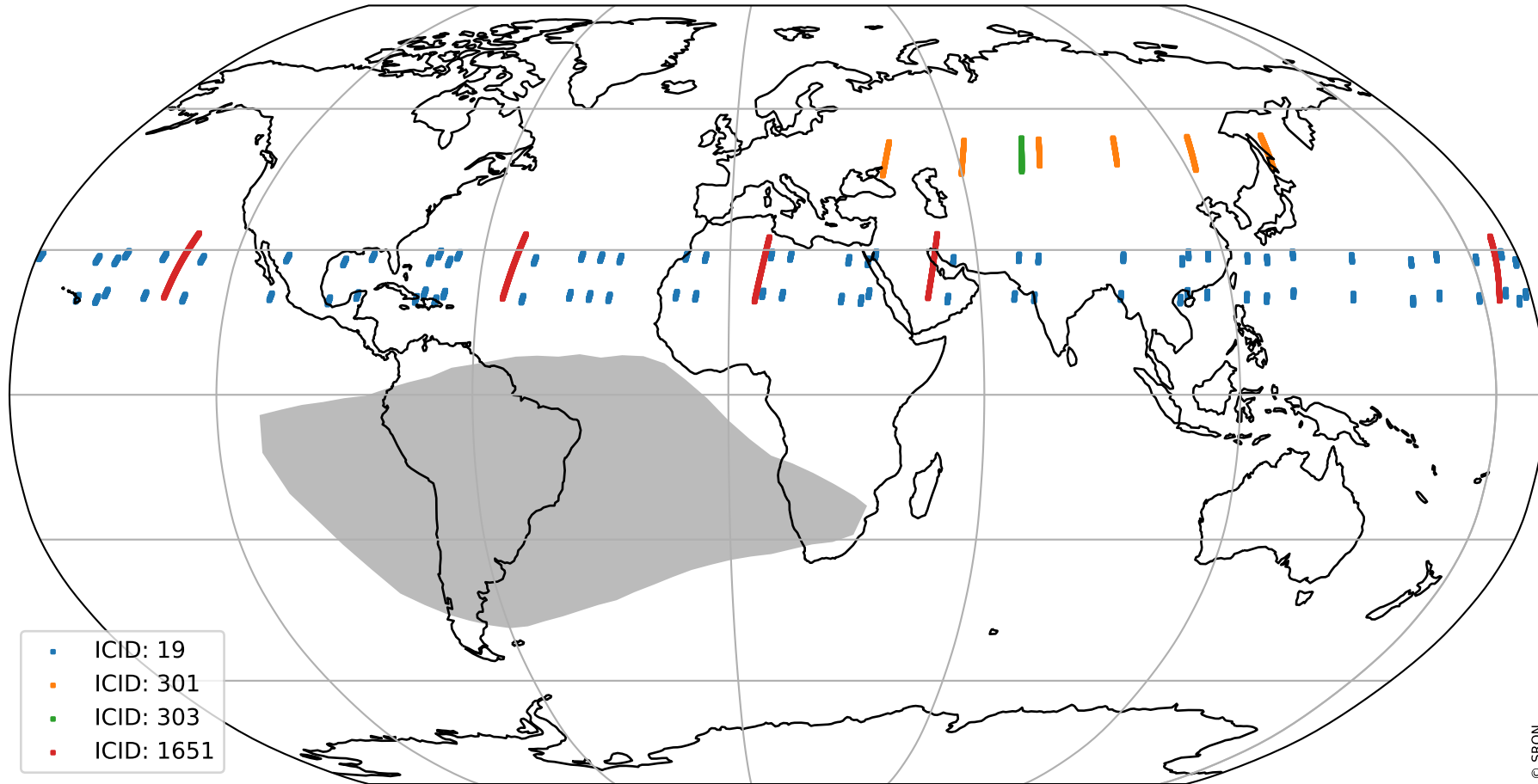
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32572, 32662]
coverage: 2024-01-26 / 2024-02-01
created: 2024-02-02T05:21:27Z

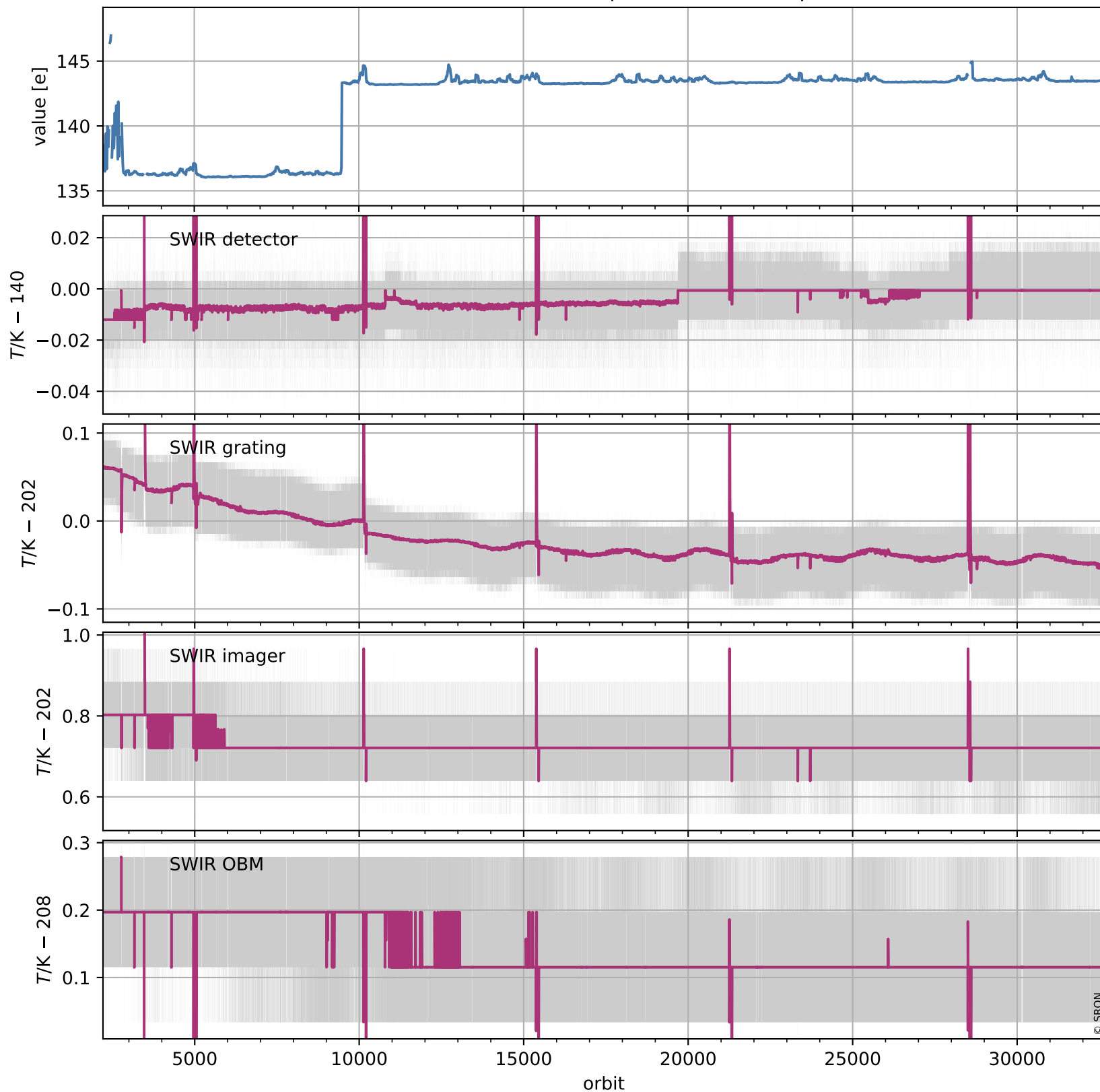
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32662]
coverage: 2018-03-18 / 2024-02-01
created: 2024-02-02T05:21:28Z

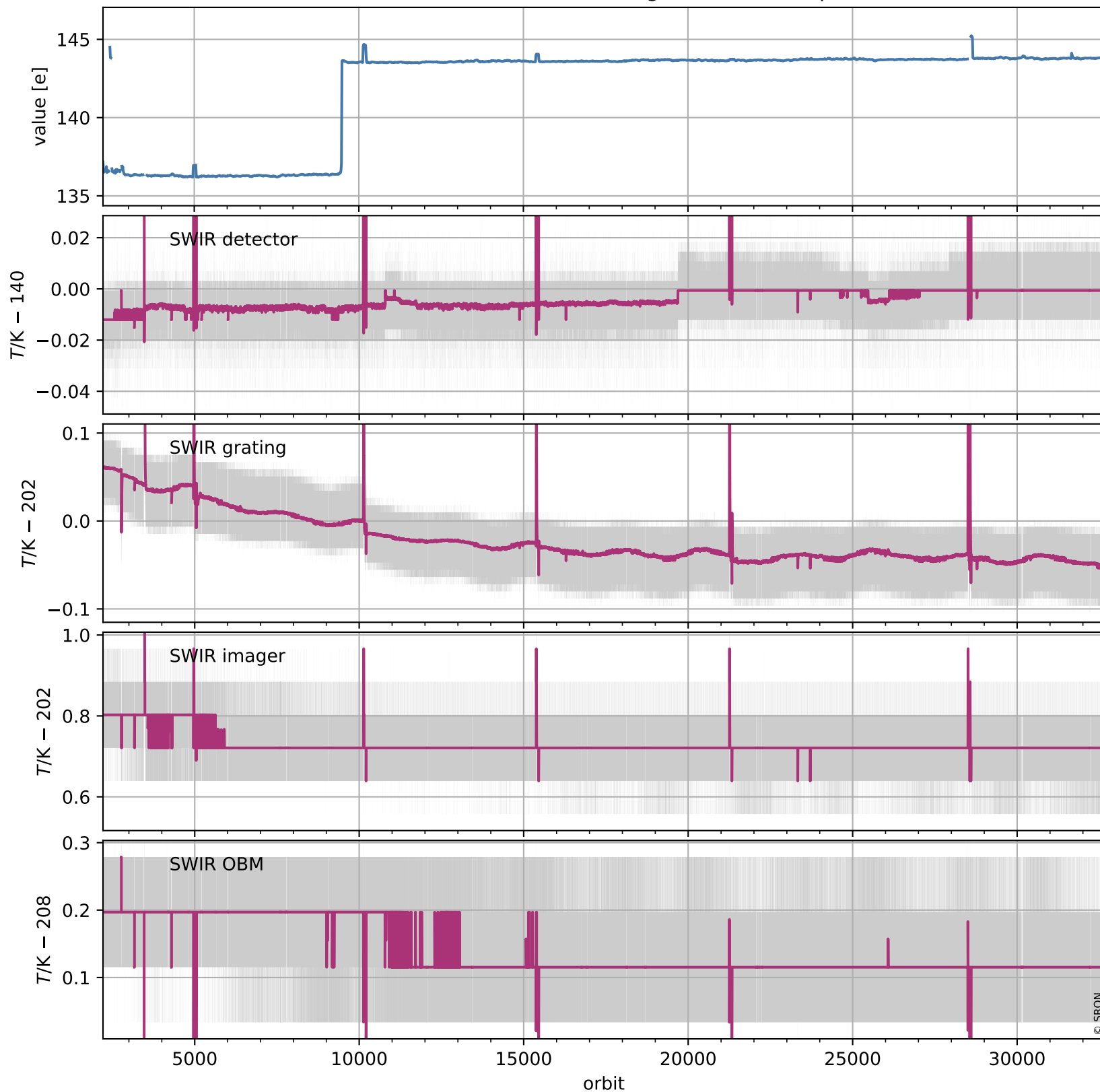
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32662]
coverage: 2018-03-18 / 2024-02-01
created: 2024-02-02T05:21:29Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32662]
coverage: 2018-03-18 / 2024-02-01
created: 2024-02-02T05:21:30Z

trend of normalized read-noise & temperatures

