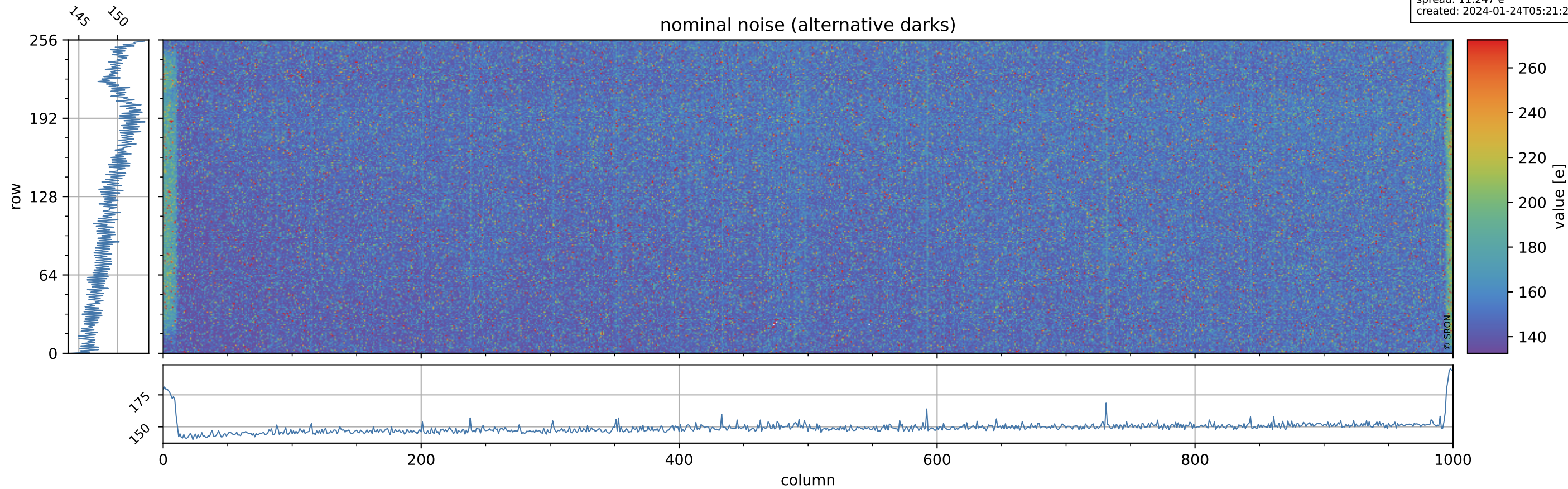


Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
n_coad, t_exp: 1, 1.0783
median: 149.06 e
spread: 11.247 e
created: 2024-01-24T05:21:27Z

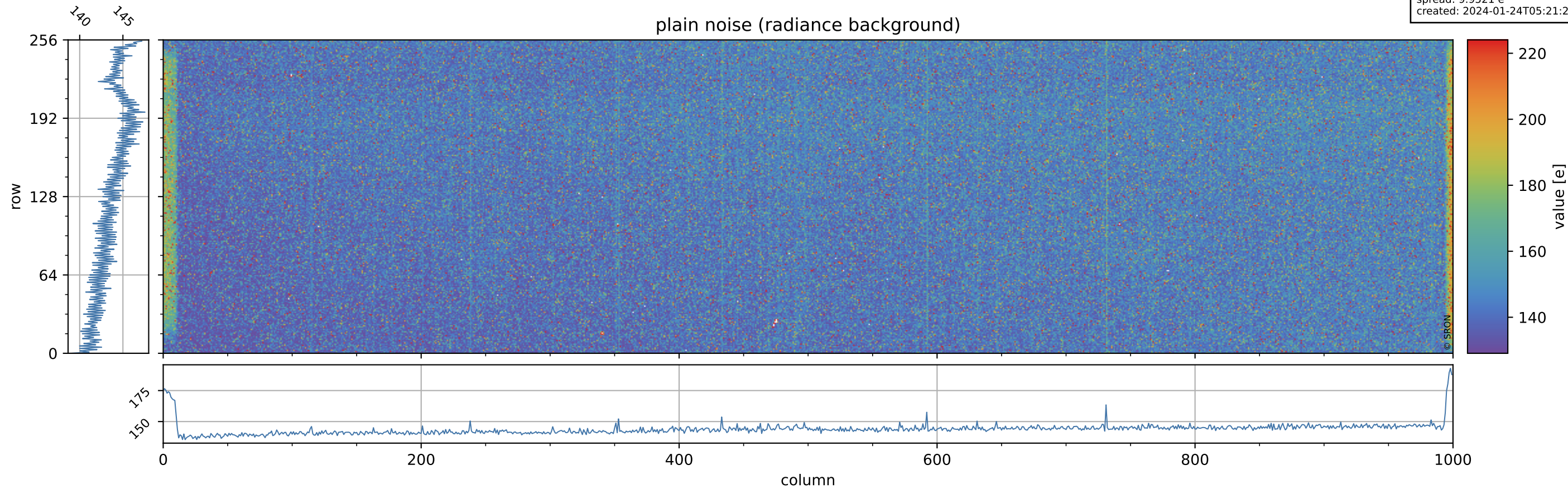
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
n_coad, t_exp: 1, 0.8383
median: 143.63 e
spread: 9.9521 e
created: 2024-01-24T05:21:27Z

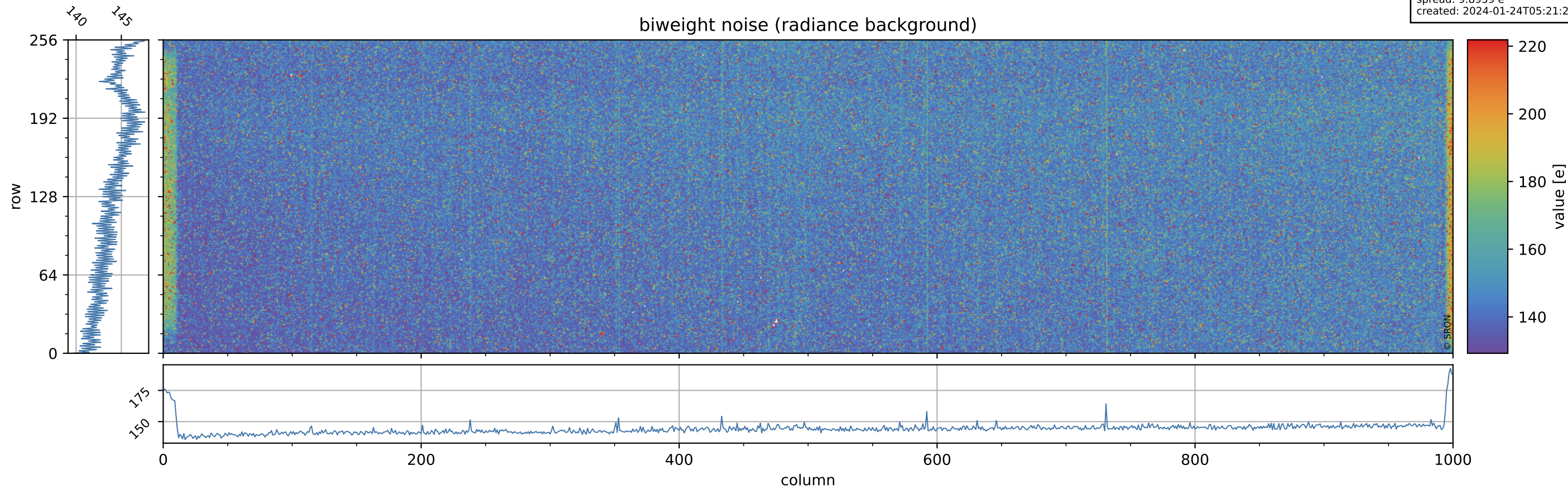
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
n_coad, t_exp: 1, 0.8383
median: 143.97 e
spread: 9.8959 e
created: 2024-01-24T05:21:27Z

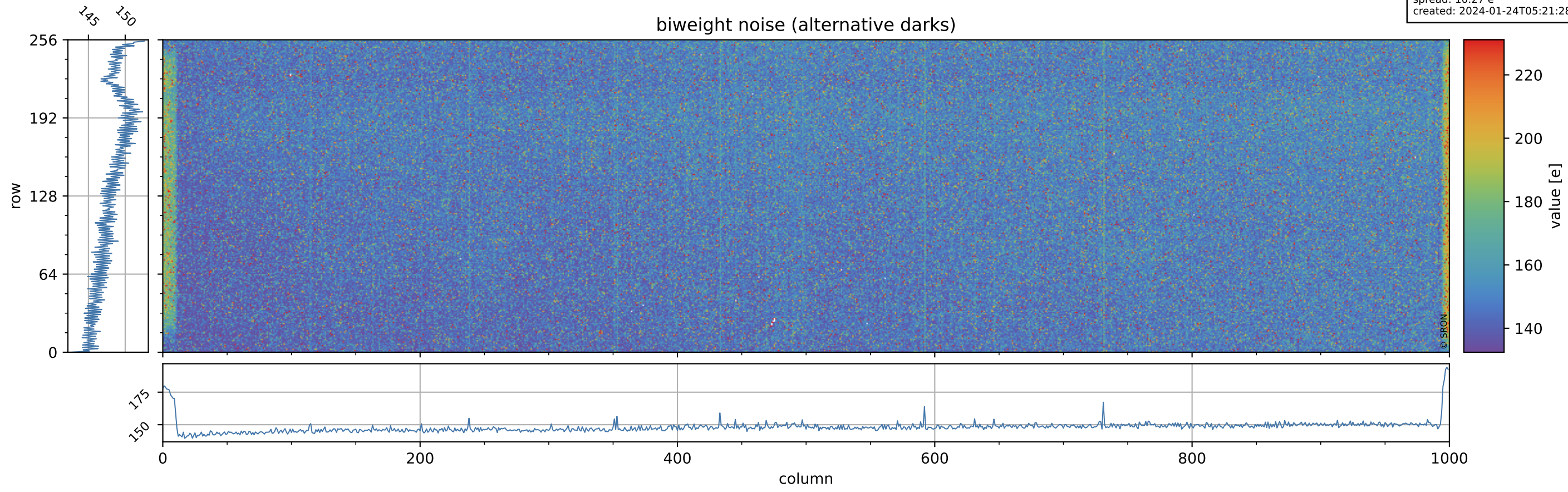
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
n_coad, t_exp: 1, 1.0783
median: 147.96 e
spread: 10.27 e
created: 2024-01-24T05:21:28Z

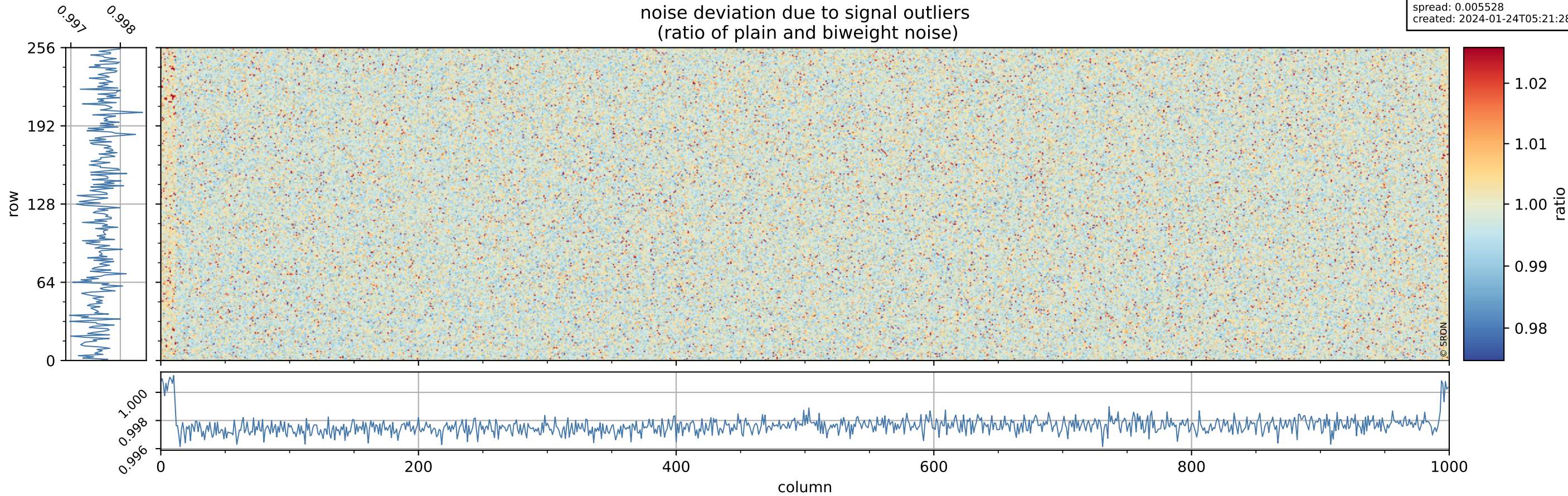
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

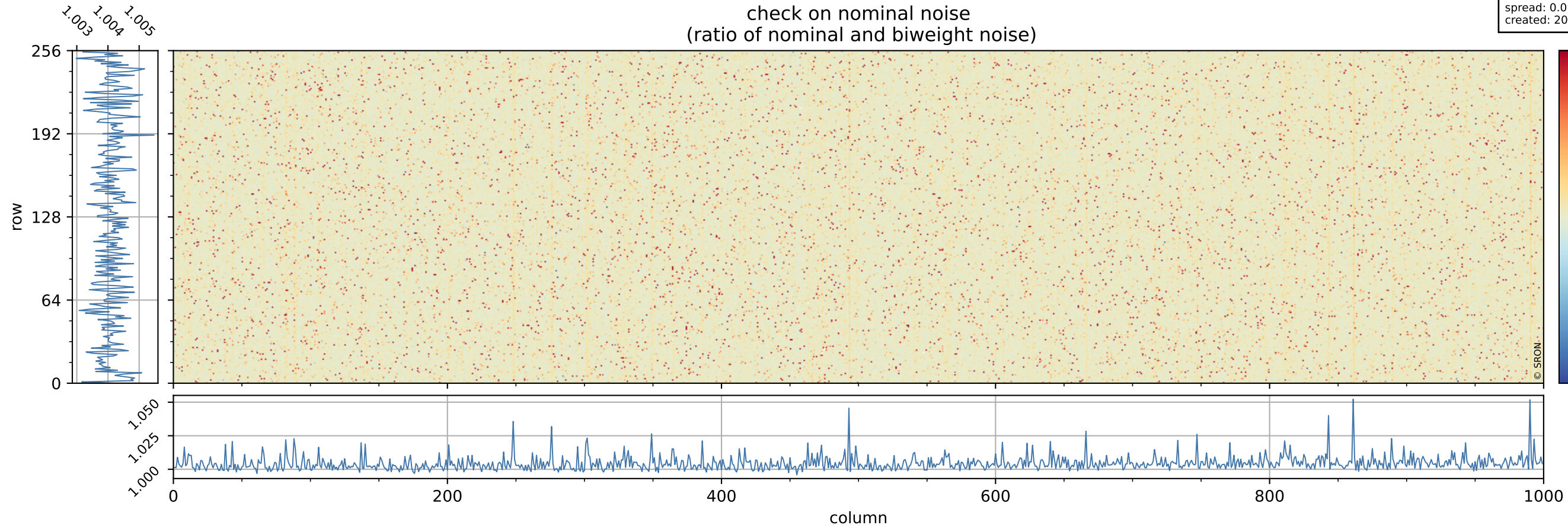
orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
median: 0.99761
spread: 0.005528
created: 2024-01-24T05:21:28Z



Tropomi SWIR background noise (swir)

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

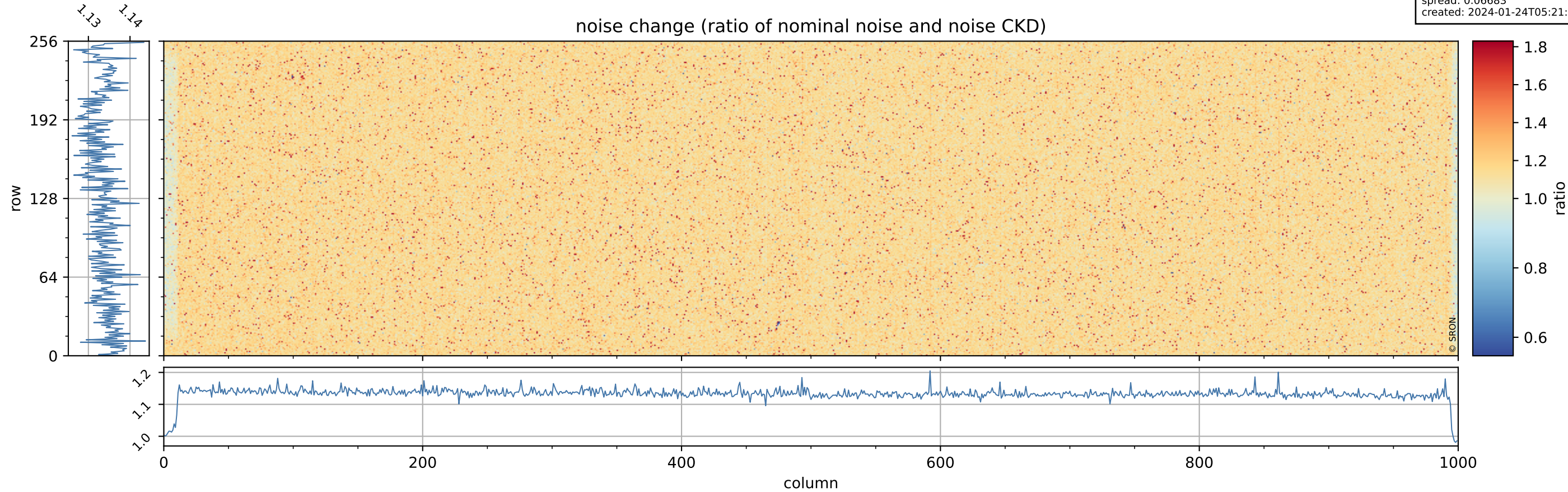
orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
median: 1.0037
spread: 0.011623
created: 2024-01-24T05:21:28Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
median: 1.132
spread: 0.06683
created: 2024-01-24T05:21:28Z

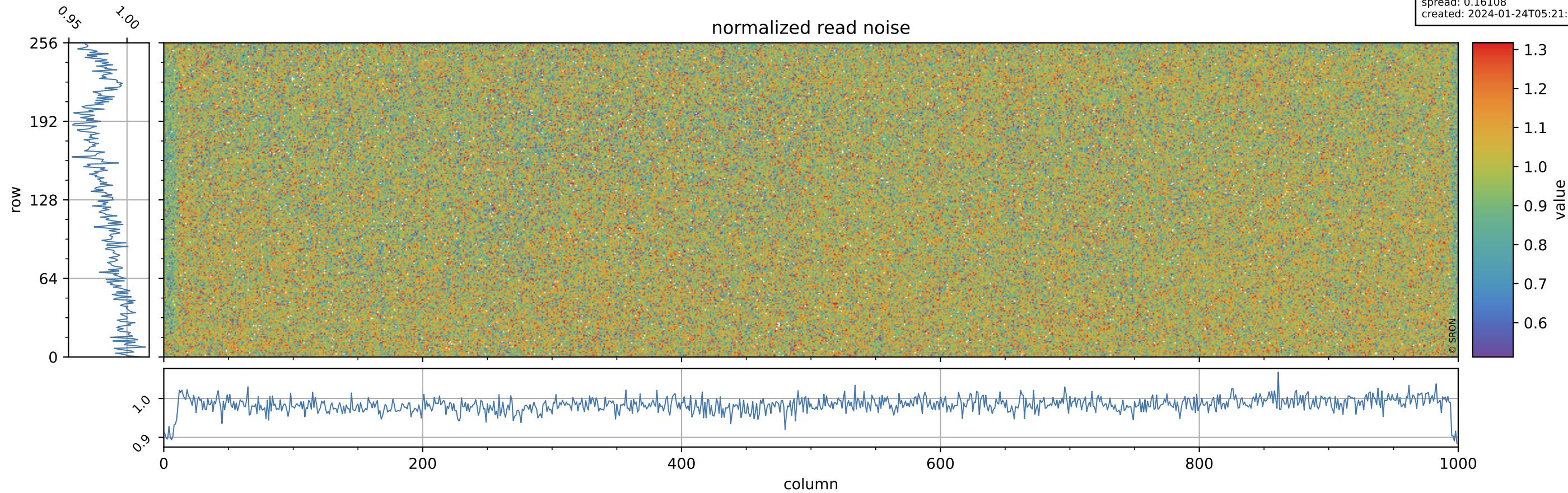
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
median: 0.98202
spread: 0.16108
created: 2024-01-24T05:21:29Z

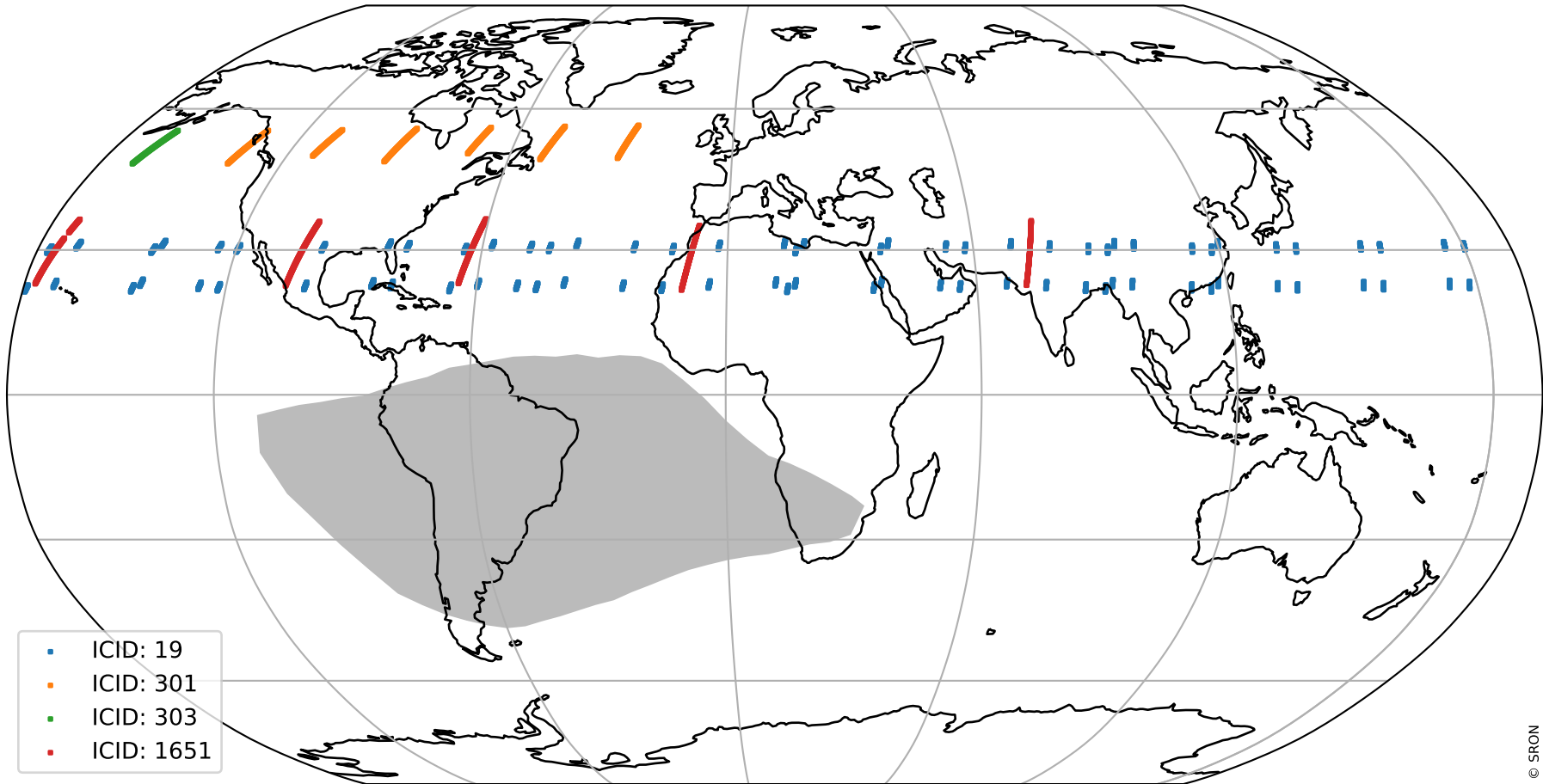
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32527]
coverage: 2024-01-17 / 2024-01-23
created: 2024-01-24T05:21:29Z

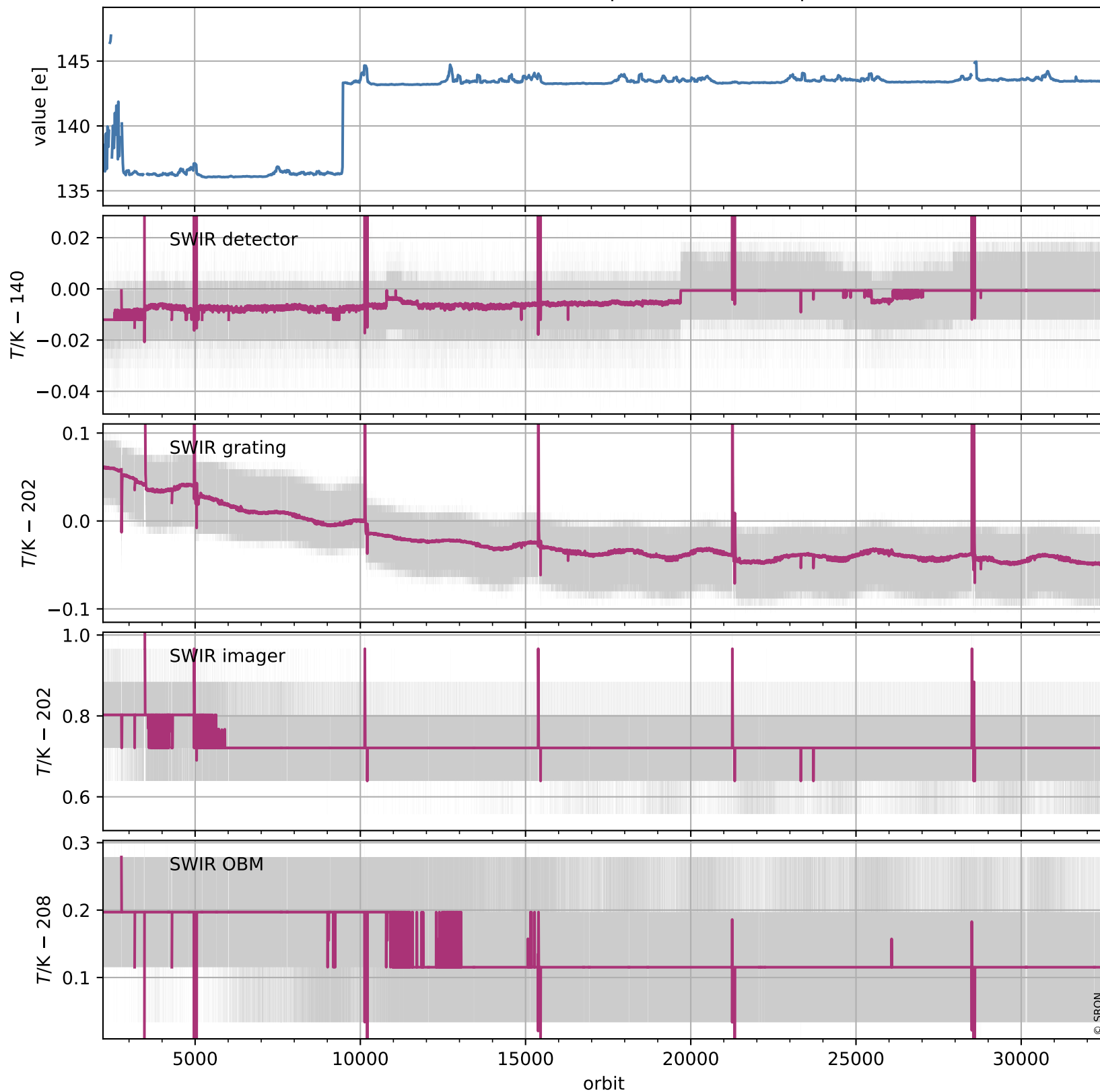
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32527]
coverage: 2018-03-18 / 2024-01-23
created: 2024-01-24T05:21:30Z

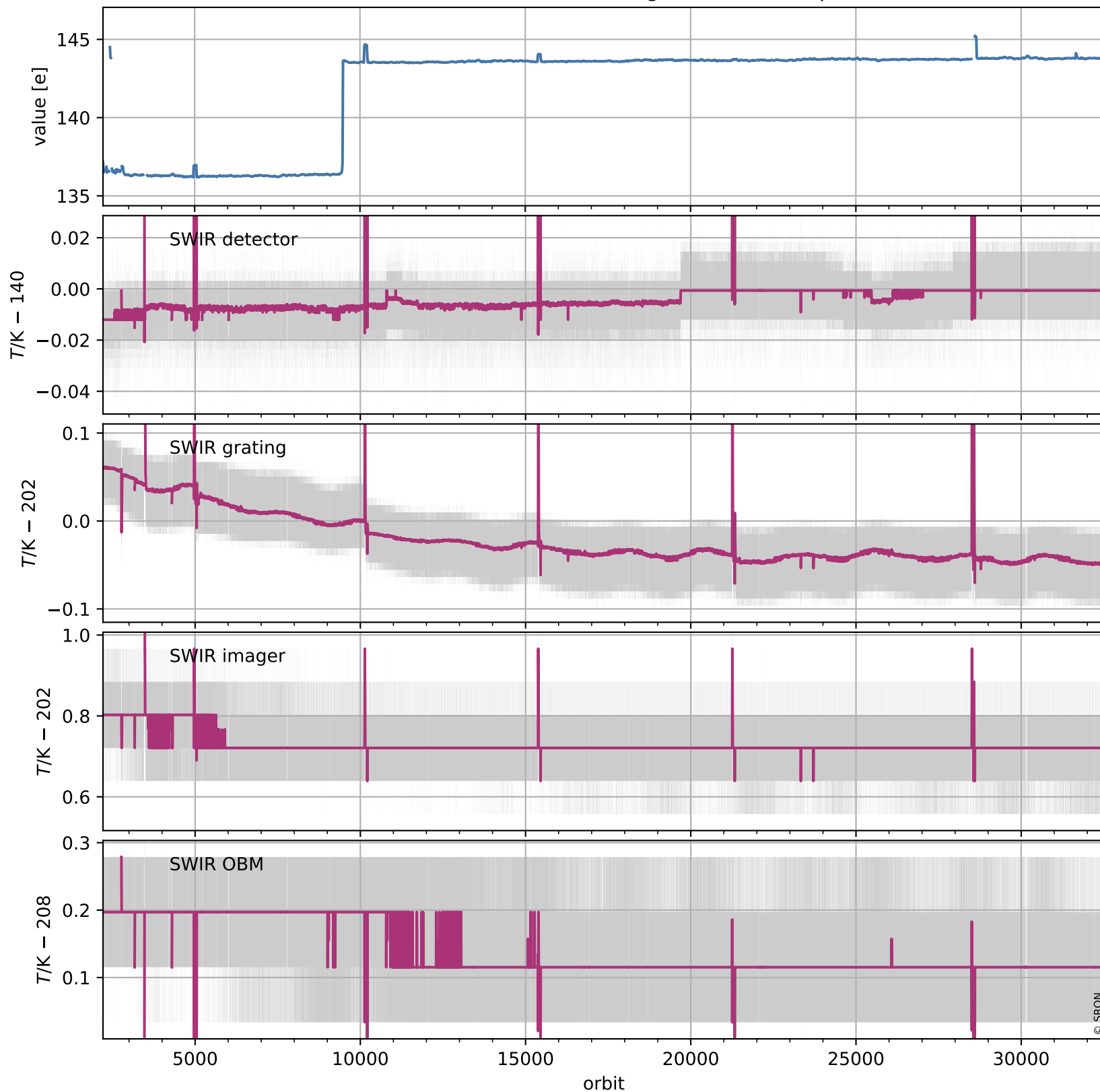
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32527]
coverage: 2018-03-18 / 2024-01-23
created: 2024-01-24T05:21:31Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32527]
coverage: 2018-03-18 / 2024-01-23
created: 2024-01-24T05:21:32Z

trend of normalized read-noise & temperatures

