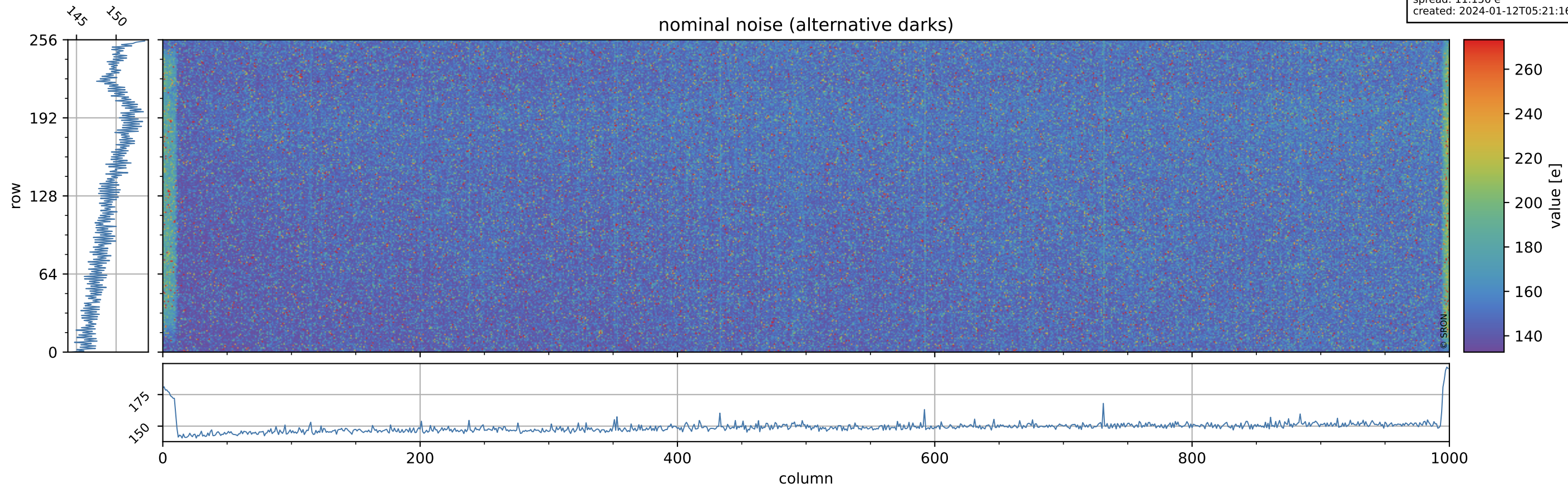


Tropomi SWIR background noise (swir)

orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
n_coad, t_exp: 1, 1.0783
median: 149.05 e
spread: 11.156 e
created: 2024-01-12T05:21:16Z

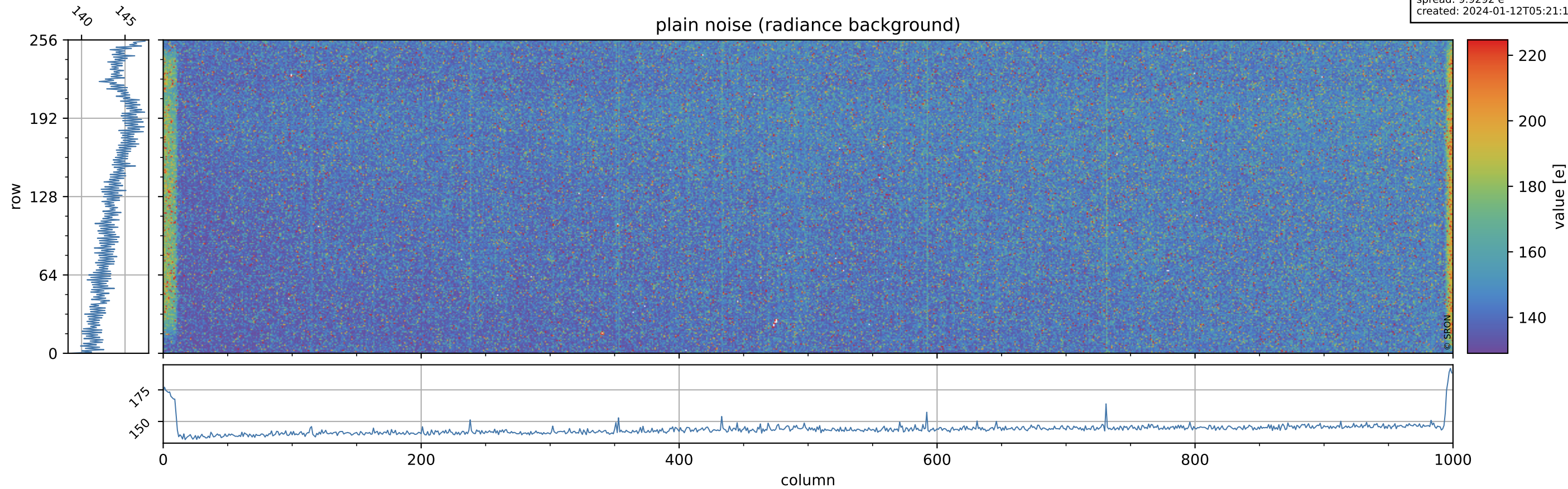
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
n_coad, t_exp: 1, 0.8383
median: 143.59 e
spread: 9.9292 e
created: 2024-01-12T05:21:16Z

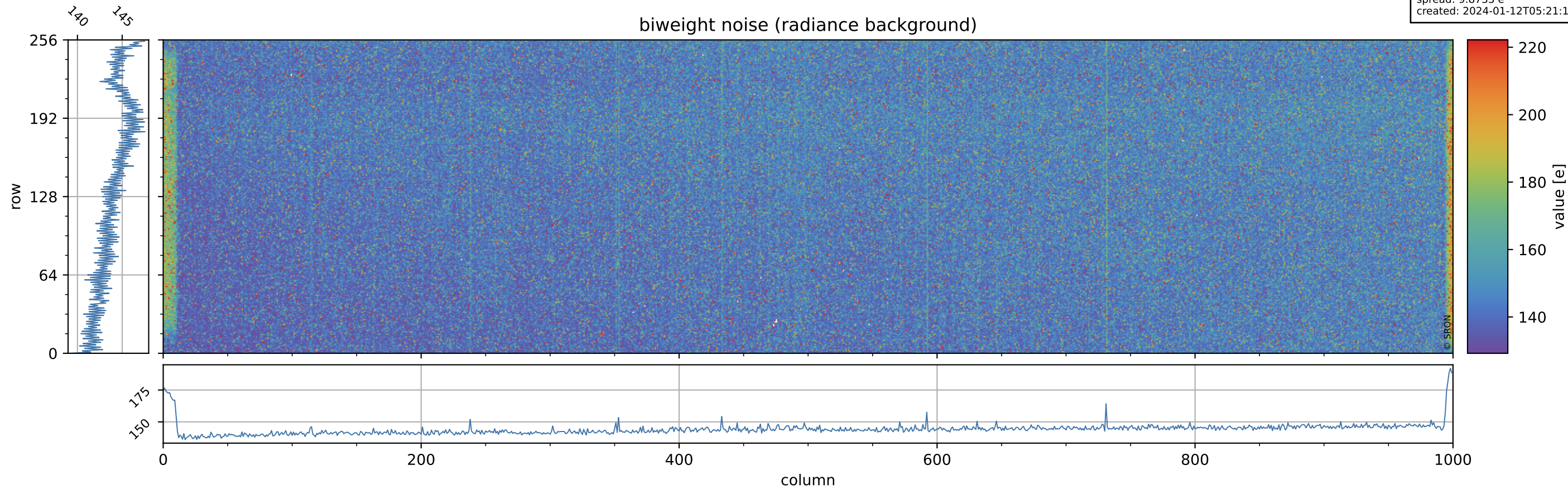
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
n_coad, t_exp: 1, 0.8383
median: 143.92 e
spread: 9.8733 e
created: 2024-01-12T05:21:16Z

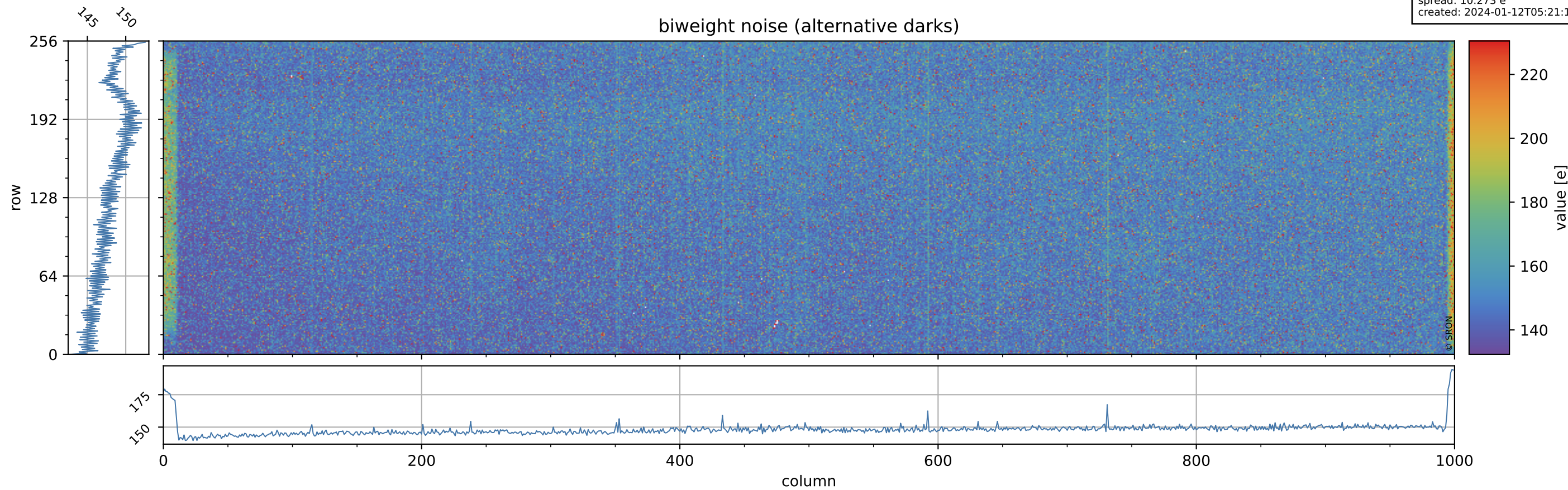
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
n_coad, t_exp: 1, 1.0783
median: 147.92 e
spread: 10.273 e
created: 2024-01-12T05:21:16Z

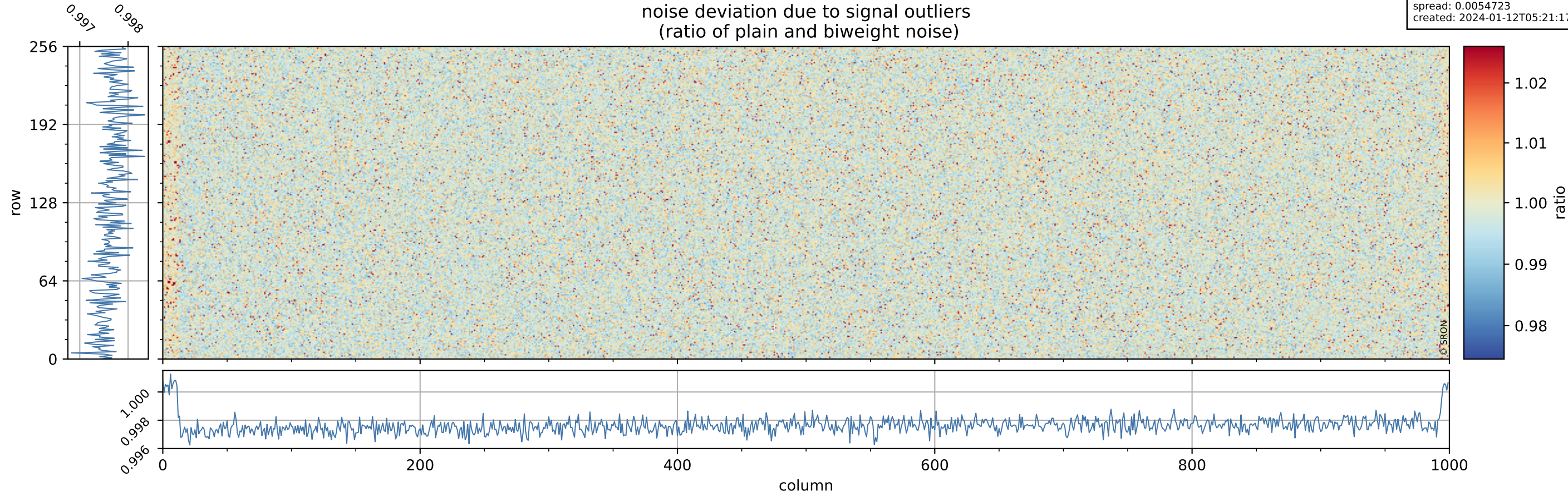
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

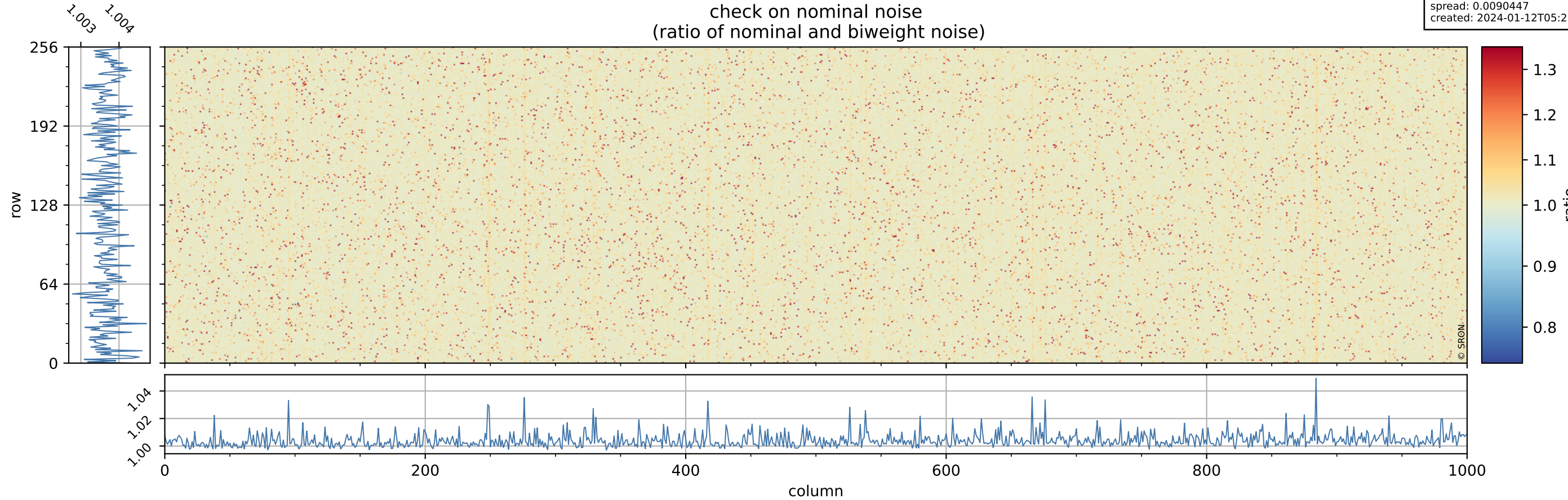
orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
median: 0.99761
spread: 0.0054723
created: 2024-01-12T05:21:17Z



Tropomi SWIR background noise (swir)

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

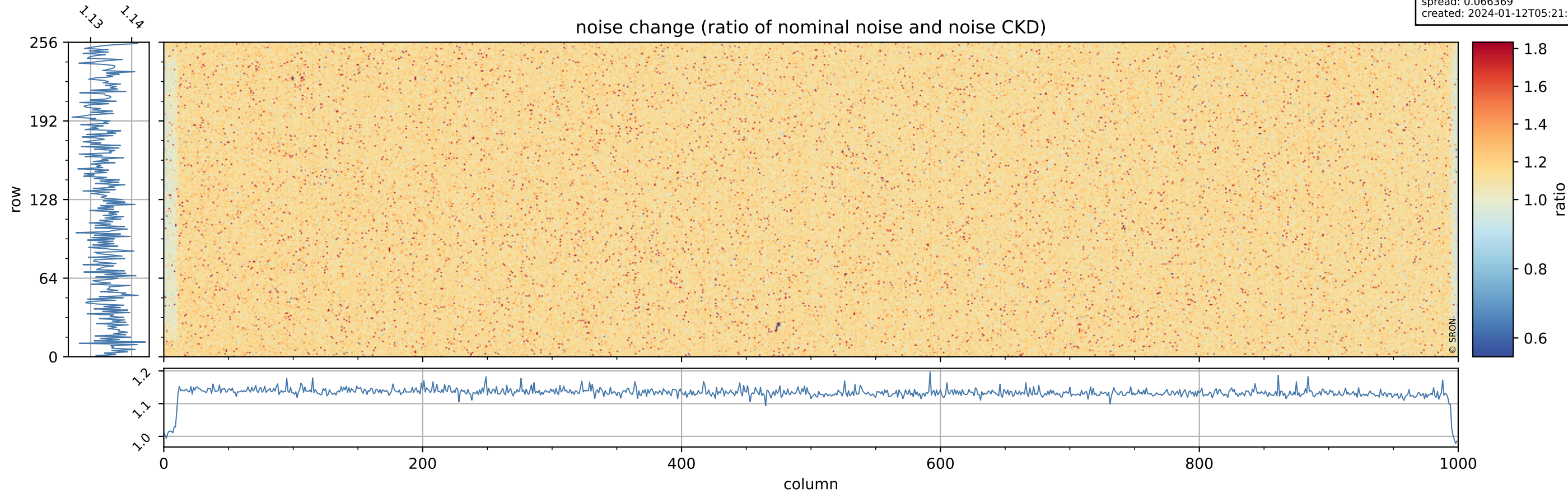
orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
median: 1.0034
spread: 0.0090447
created: 2024-01-12T05:21:17Z



Tropomi SWIR background noise (swir)

orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
median: 1.1321
spread: 0.066369
created: 2024-01-12T05:21:17Z

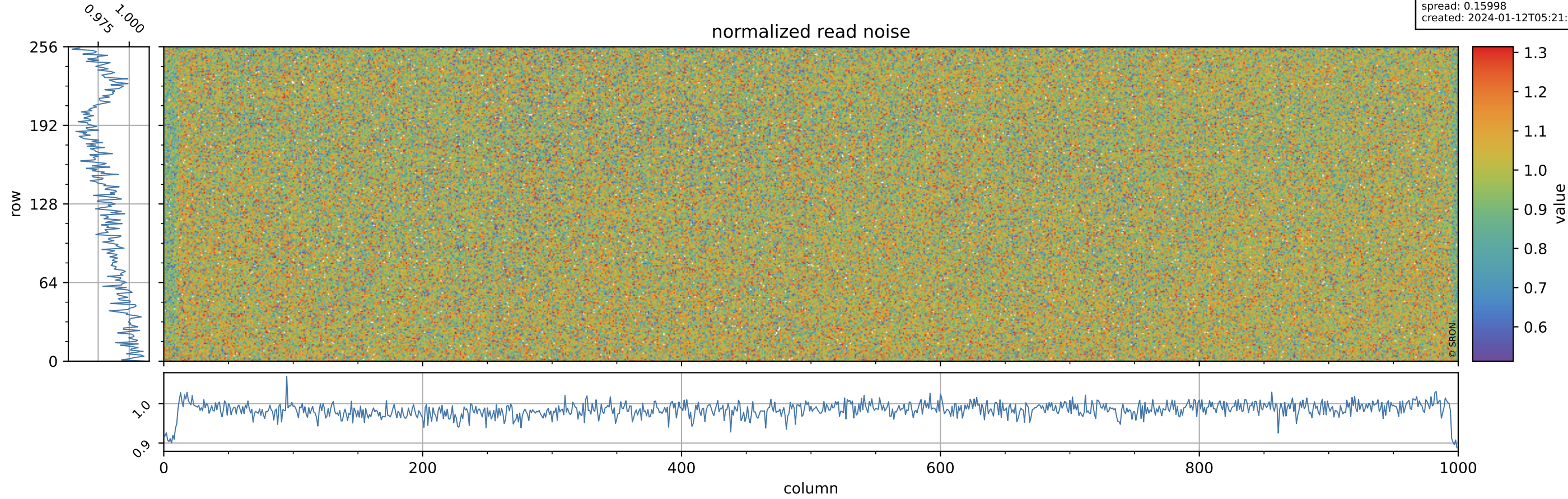
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
median: 0.9828
spread: 0.15998
created: 2024-01-12T05:21:17Z

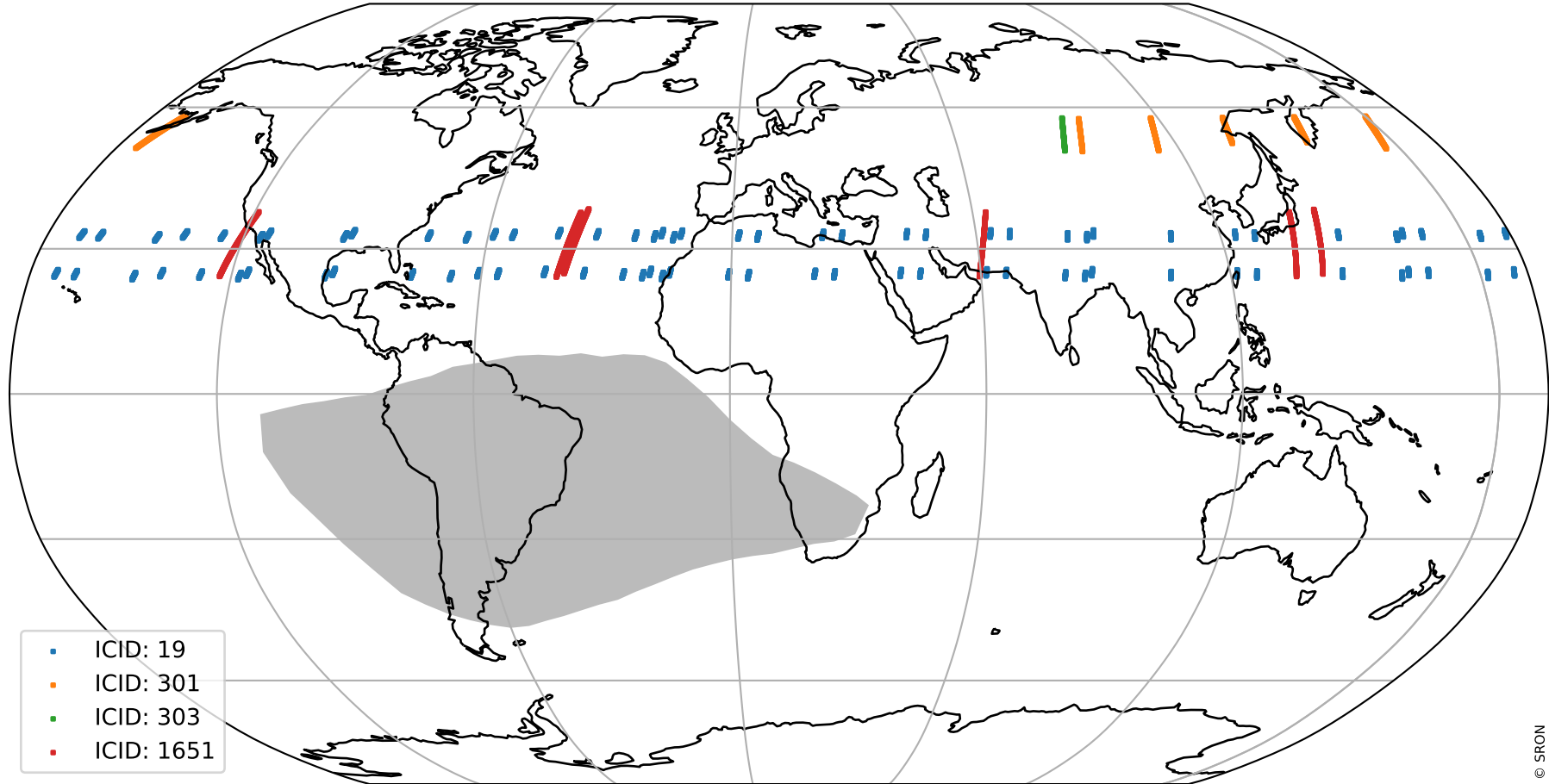
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 13 in [32272, 32362]
coverage: 2024-01-05 / 2024-01-11
created: 2024-01-12T05:21:18Z

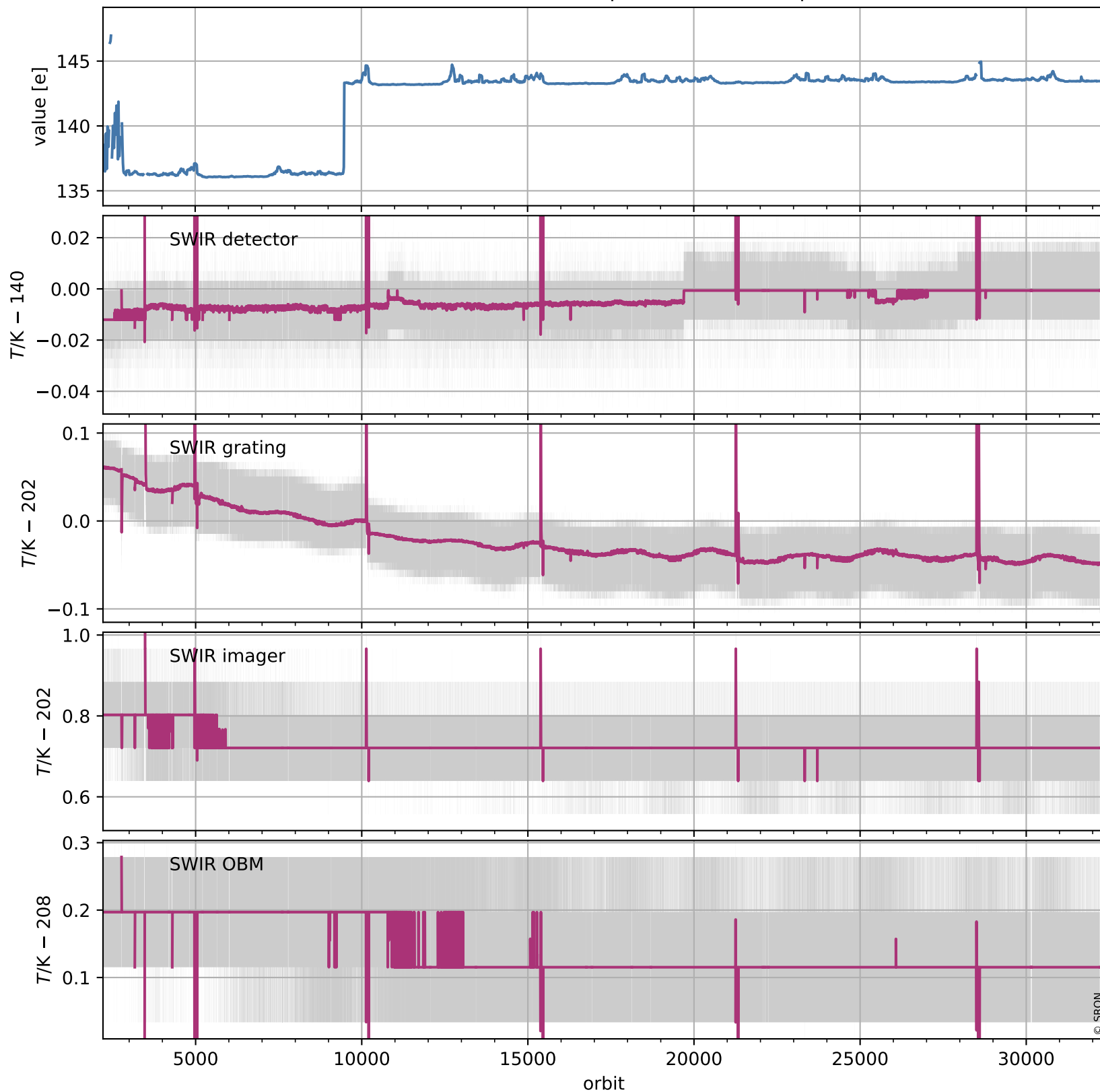
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32362]
coverage: 2018-03-18 / 2024-01-11
created: 2024-01-12T05:21:18Z

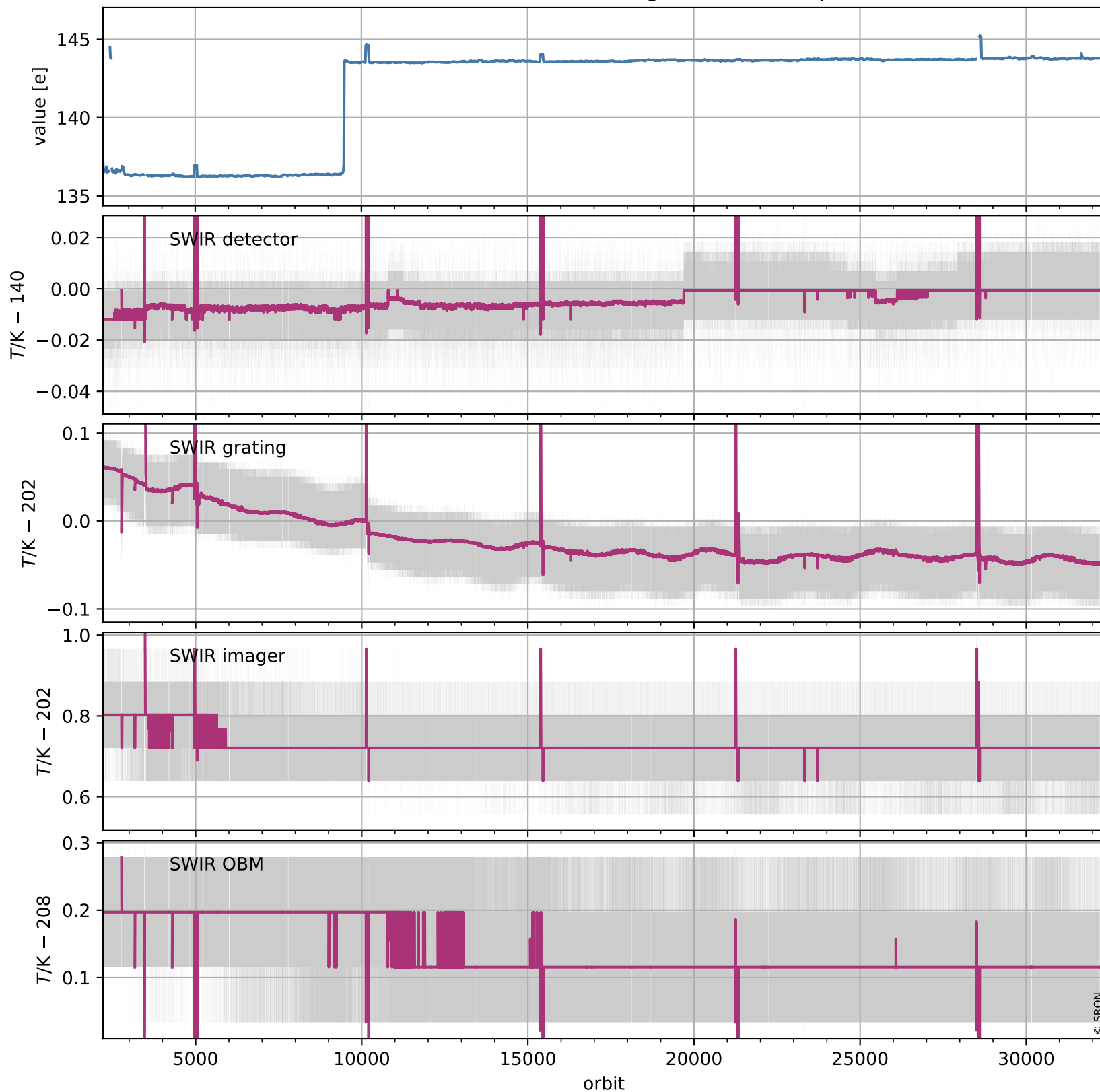
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32362]
coverage: 2018-03-18 / 2024-01-11
created: 2024-01-12T05:21:19Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32362]
coverage: 2018-03-18 / 2024-01-11
created: 2024-01-12T05:21:20Z

trend of normalized read-noise & temperatures

