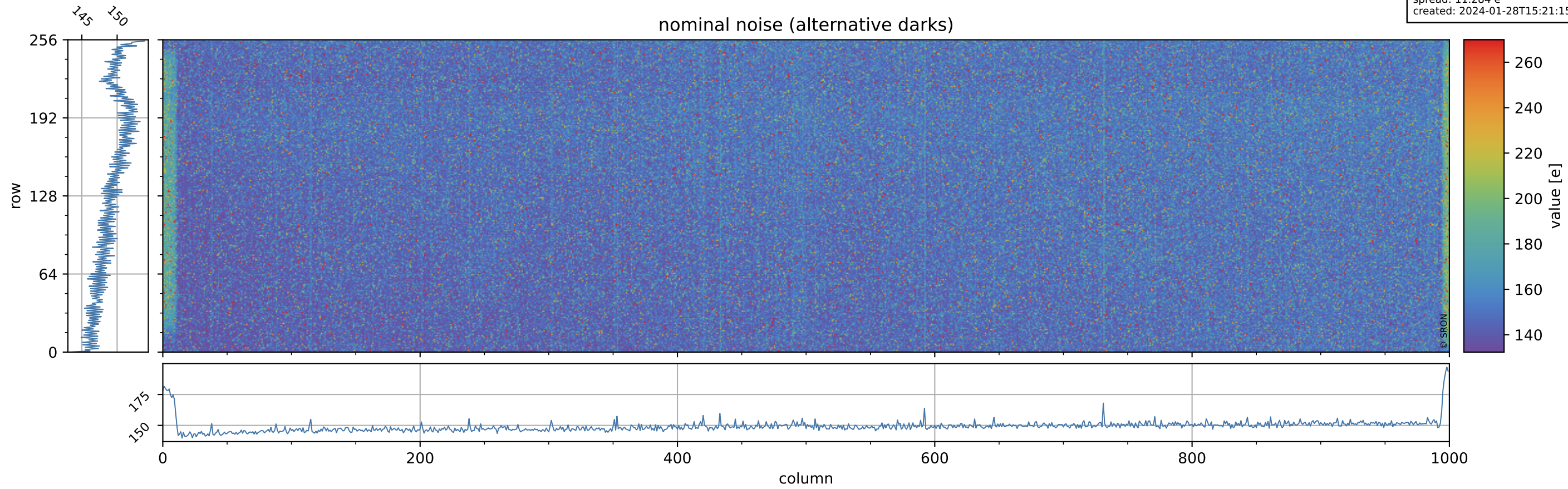


Tropomi SWIR background noise (swir)

orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
n_coad, t_exp: 1, 1.0783
median: 149 e
spread: 11.284 e
created: 2024-01-28T15:21:15Z

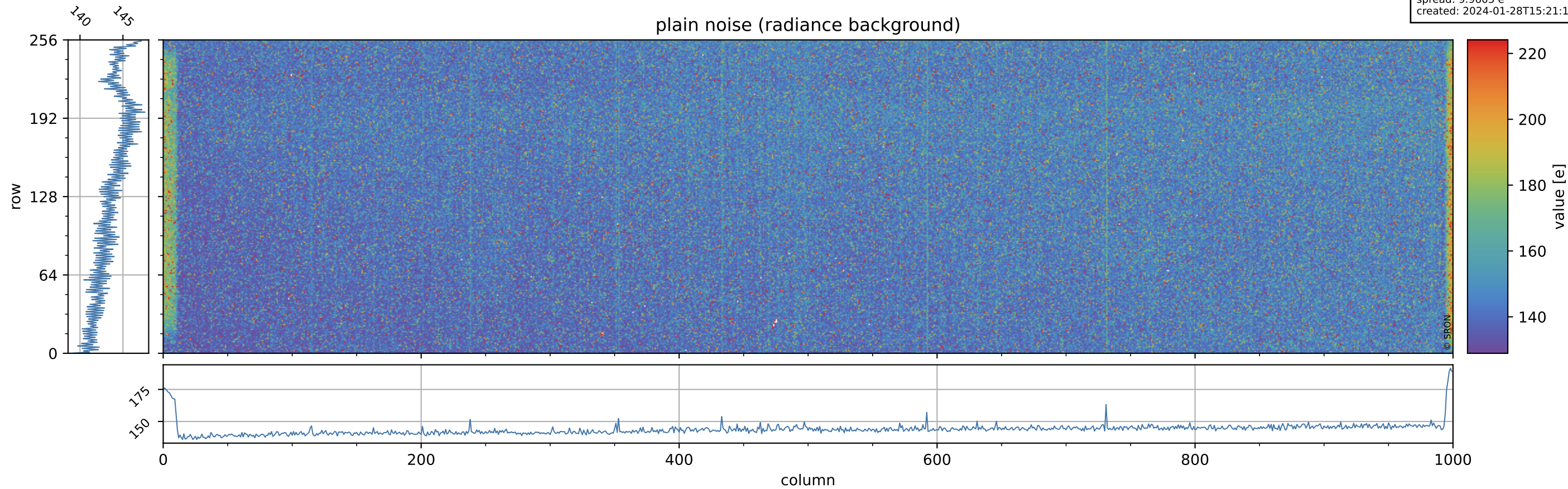
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
n_coad, t_exp: 1, 0.8383
median: 143.61 e
spread: 9.9605 e
created: 2024-01-28T15:21:15Z

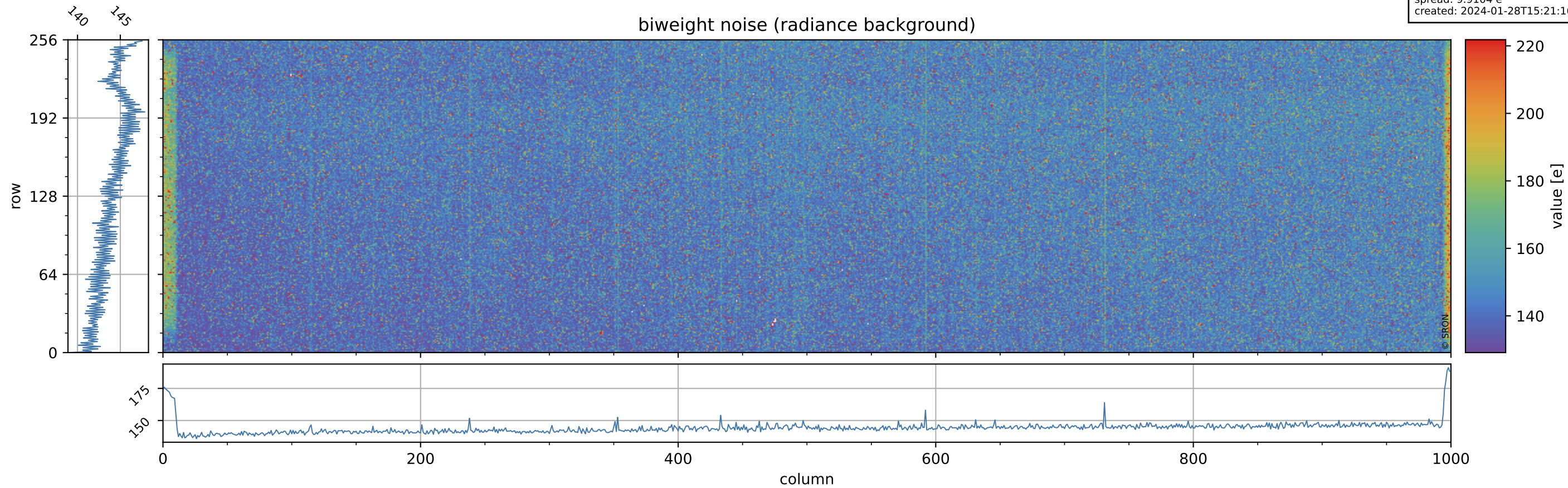
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
n_coad, t_exp: 1, 0.8383
median: 143.94 e
spread: 9.9104 e
created: 2024-01-28T15:21:16Z

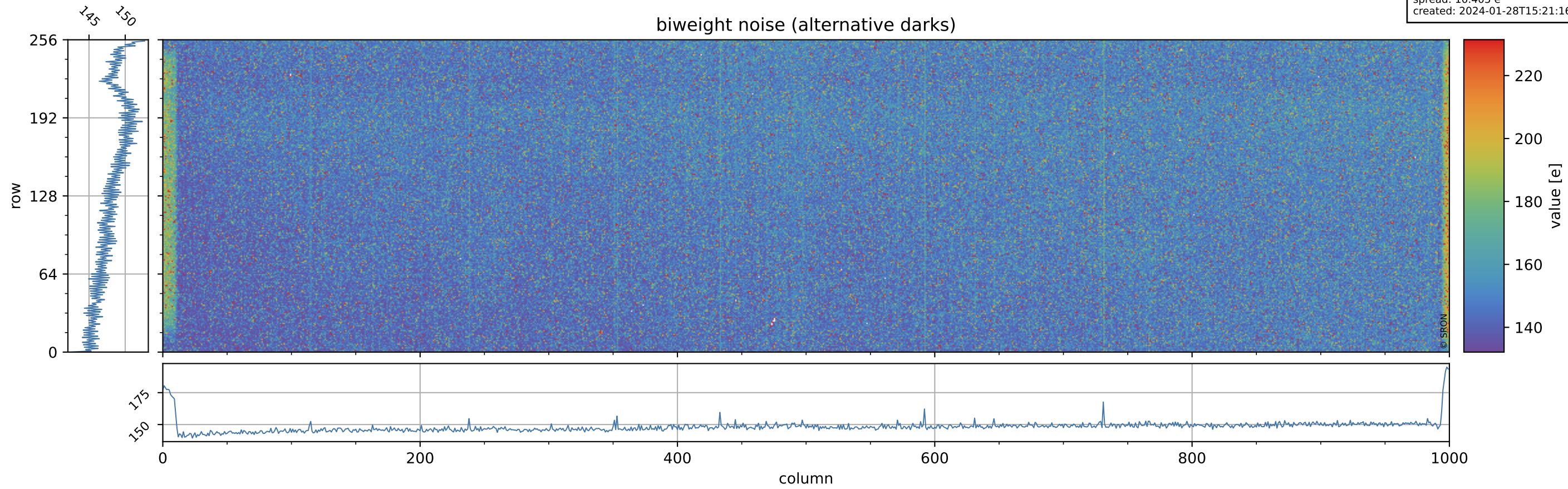
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
n_coad, t_exp: 1, 1.0783
median: 148 e
spread: 10.405 e
created: 2024-01-28T15:21:16Z

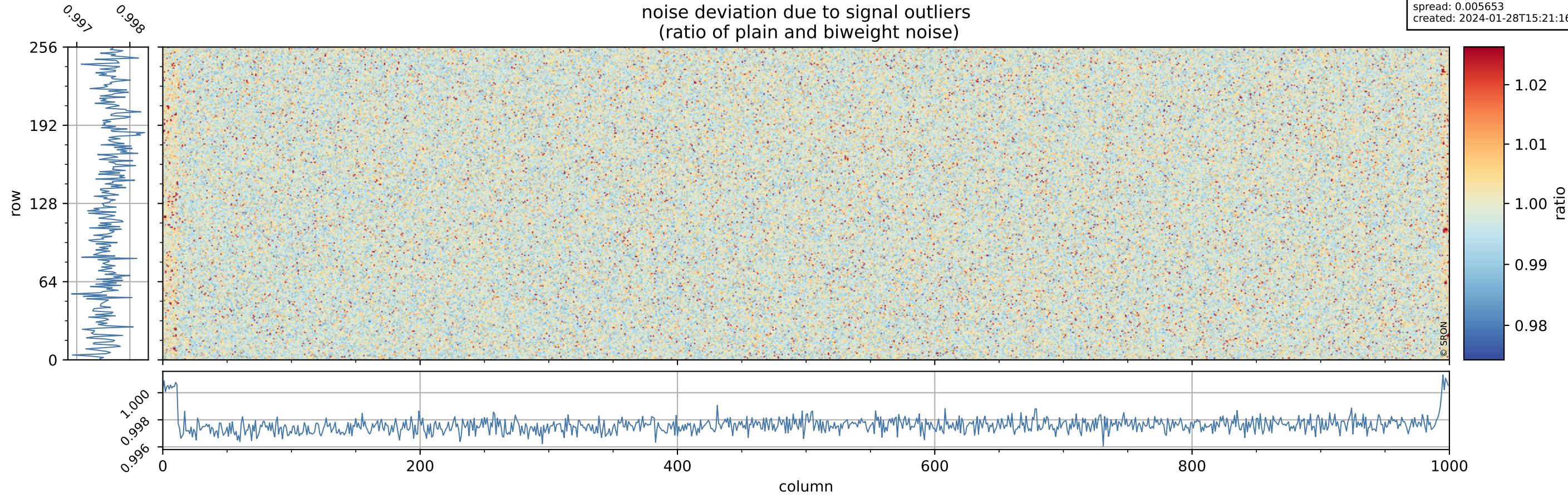
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

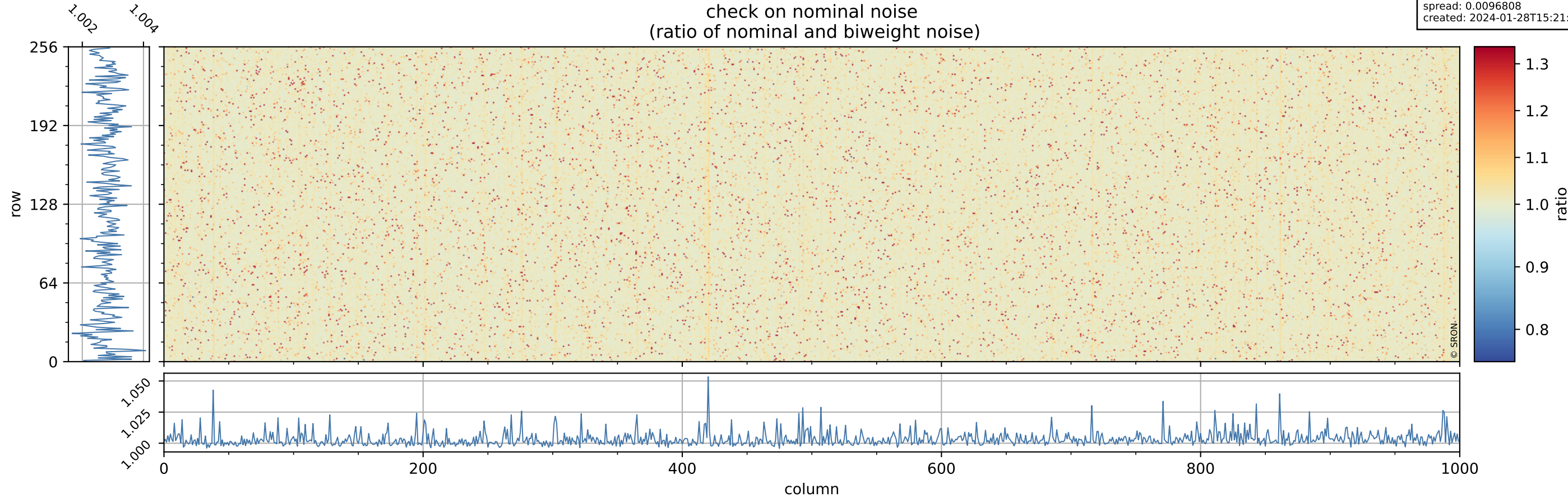
orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
median: 0.9976
spread: 0.005653
created: 2024-01-28T15:21:16Z



Tropomi SWIR background noise (swir)

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

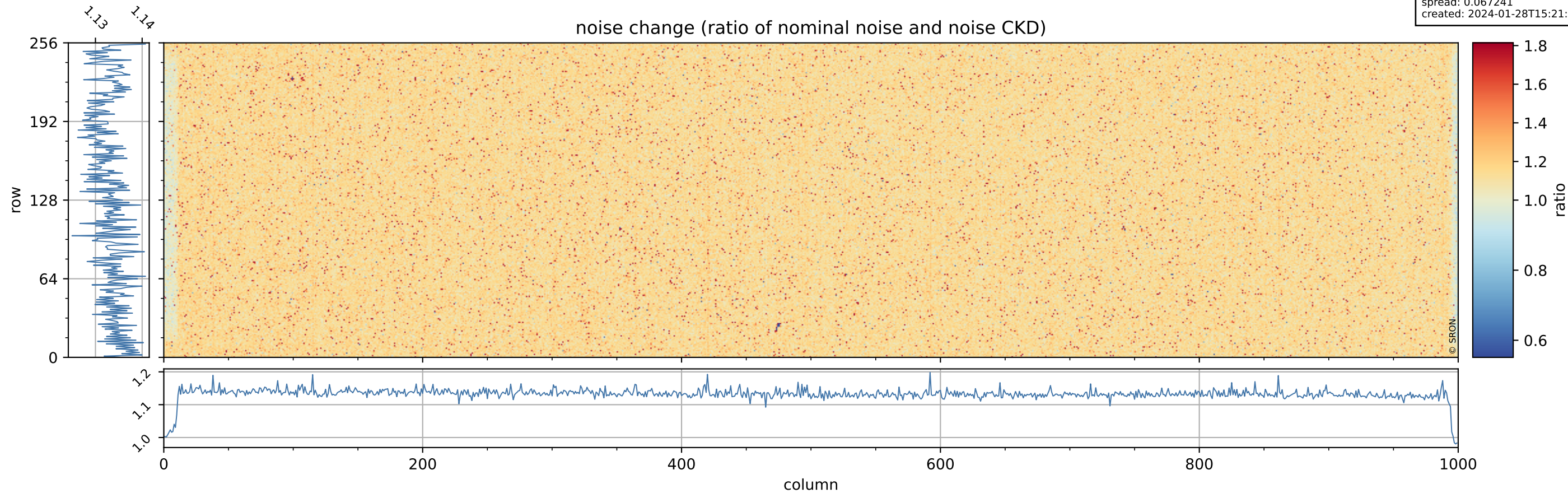
orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
median: 1.0026
spread: 0.0096808
created: 2024-01-28T15:21:16Z



Tropomi SWIR background noise (swir)

orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
median: 1.1316
spread: 0.067241
created: 2024-01-28T15:21:17Z

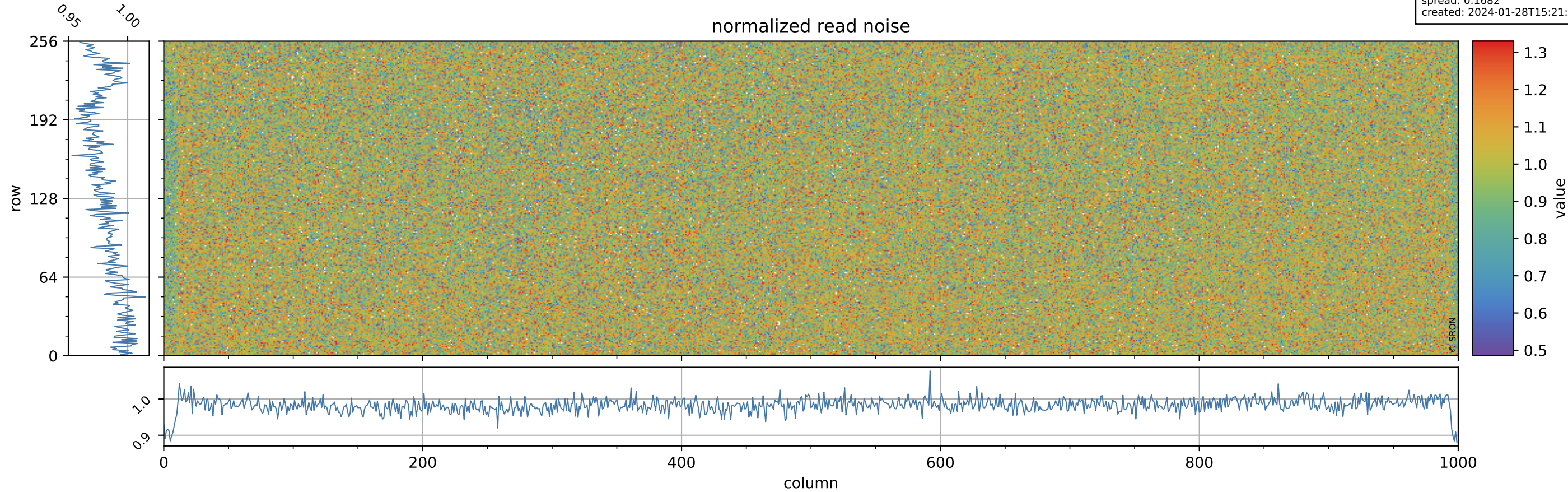
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
median: 0.98102
spread: 0.1682
created: 2024-01-28T15:21:17Z

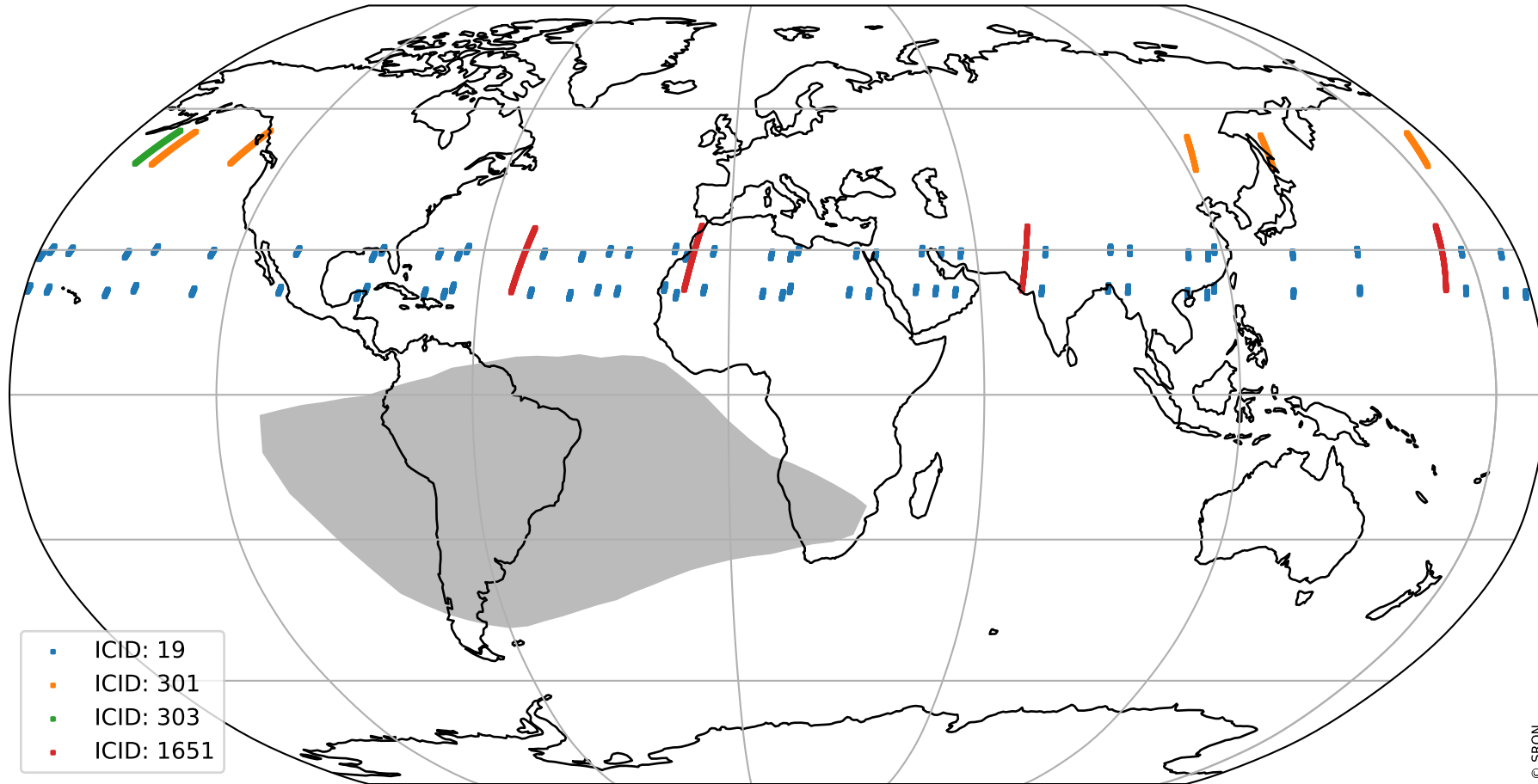
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 10 in [32527, 32602]
coverage: 2024-01-22 / 2024-01-27
created: 2024-01-28T15:21:17Z

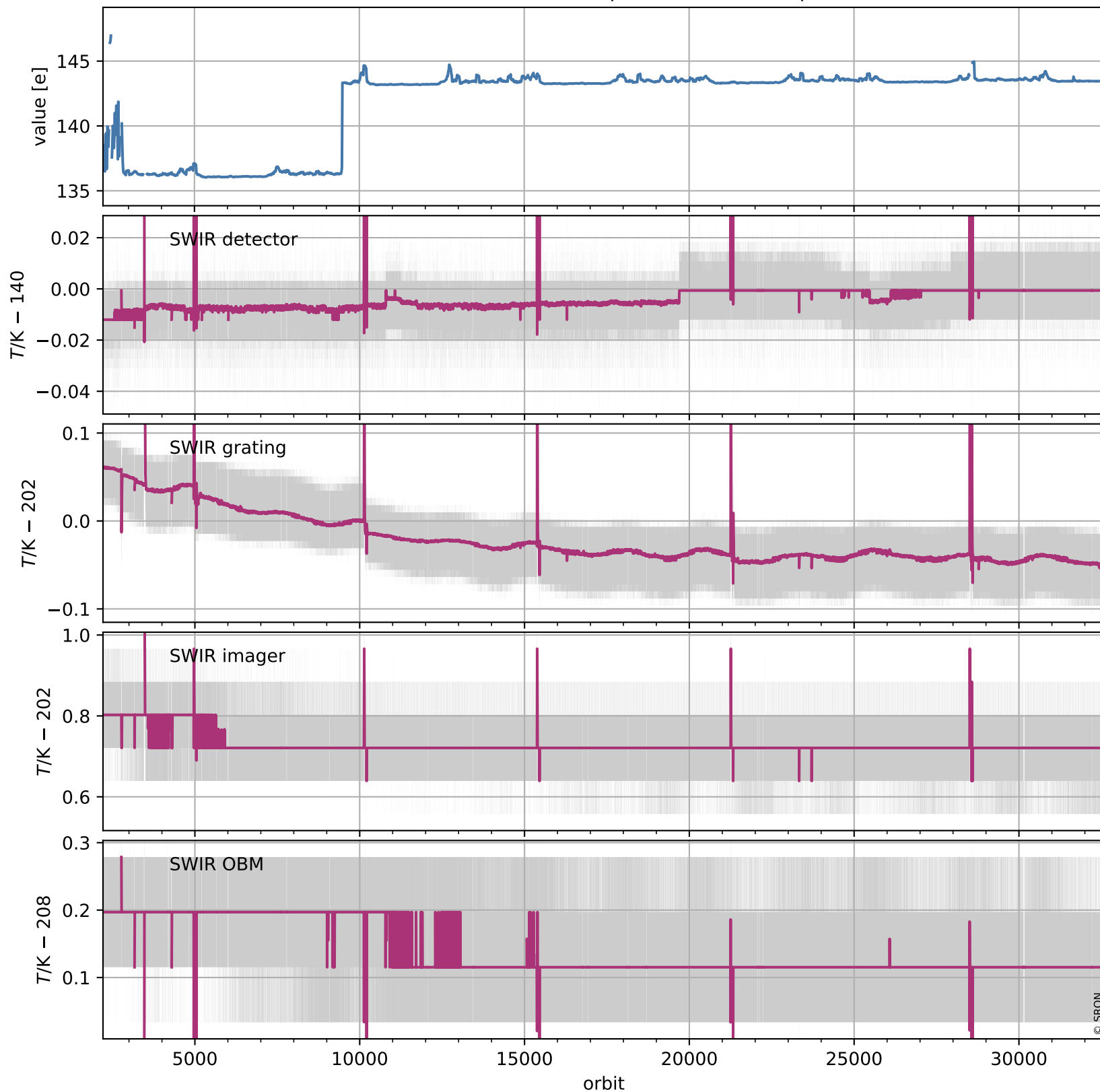
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32602]
coverage: 2018-03-18 / 2024-01-27
created: 2024-01-28T15:21:19Z

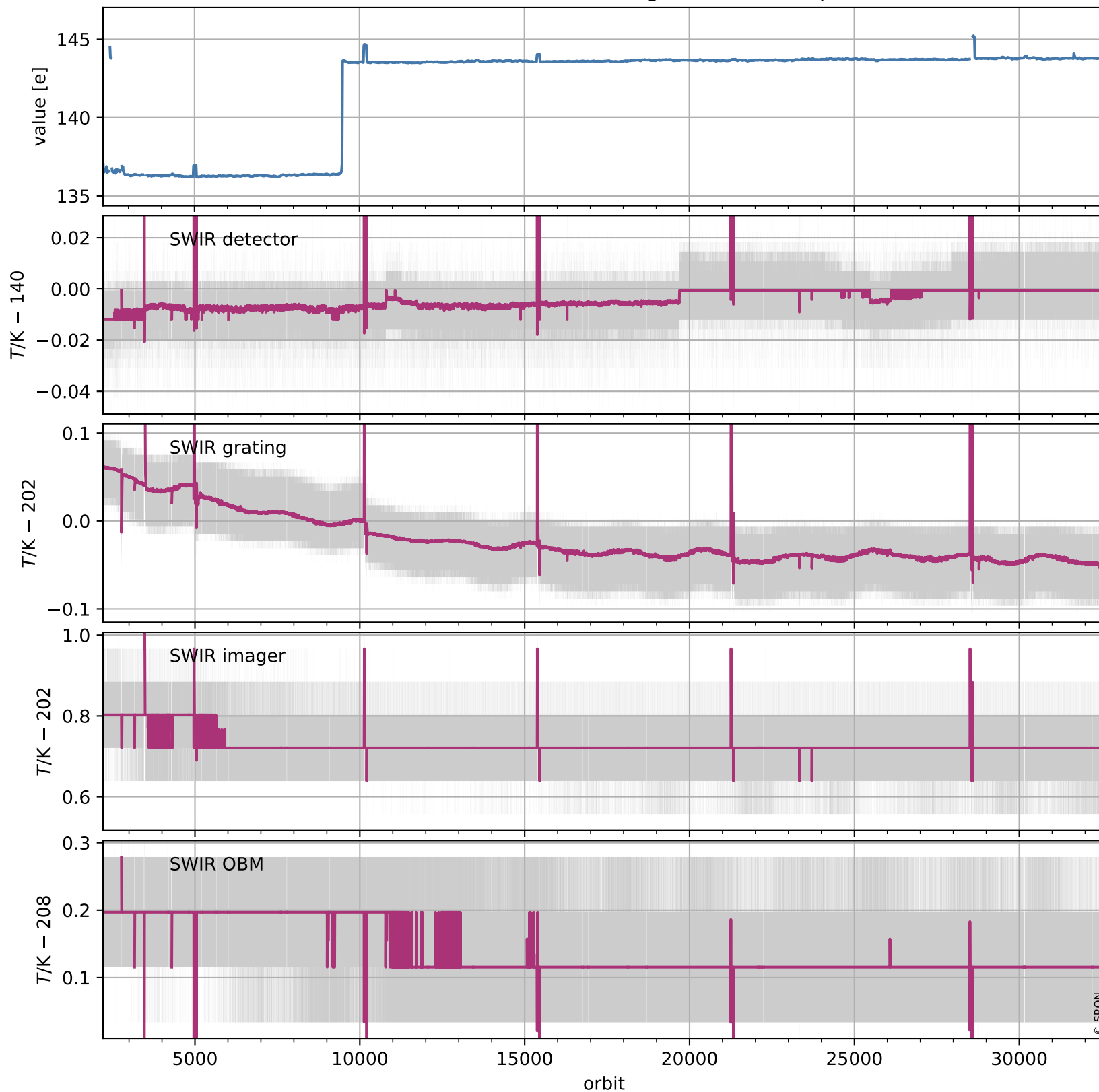
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32602]
coverage: 2018-03-18 / 2024-01-27
created: 2024-01-28T15:21:20Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32602]
coverage: 2018-03-18 / 2024-01-27
created: 2024-01-28T15:21:21Z

trend of normalized read-noise & temperatures

