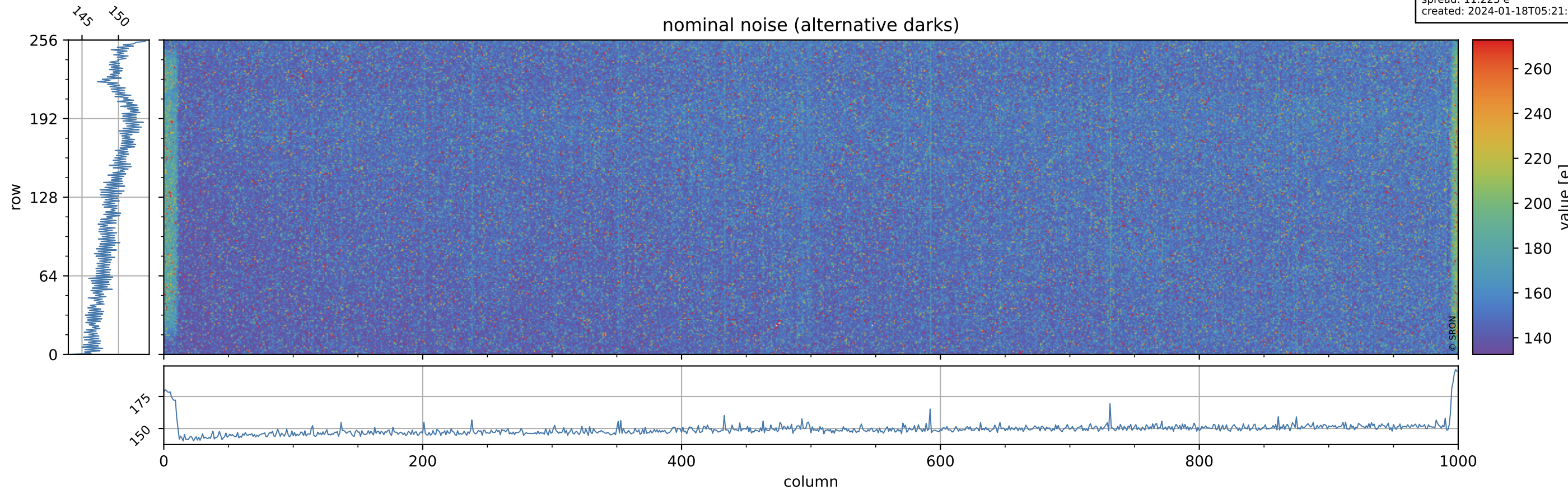


Tropomi SWIR background noise (swir)

orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
n_coad, t_exp: 1, 1.0783
median: 149.08 e
spread: 11.223 e
created: 2024-01-18T05:21:35Z

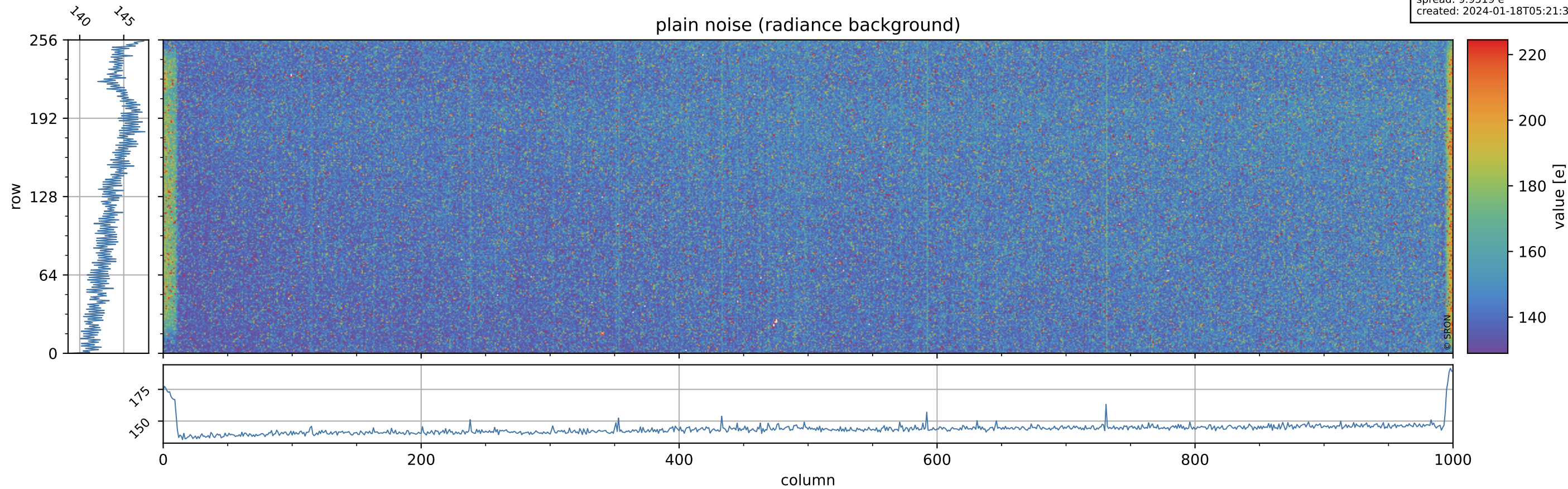
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
n_coad, t_exp: 1, 0.8383
median: 143.61 e
spread: 9.9519 e
created: 2024-01-18T05:21:36Z

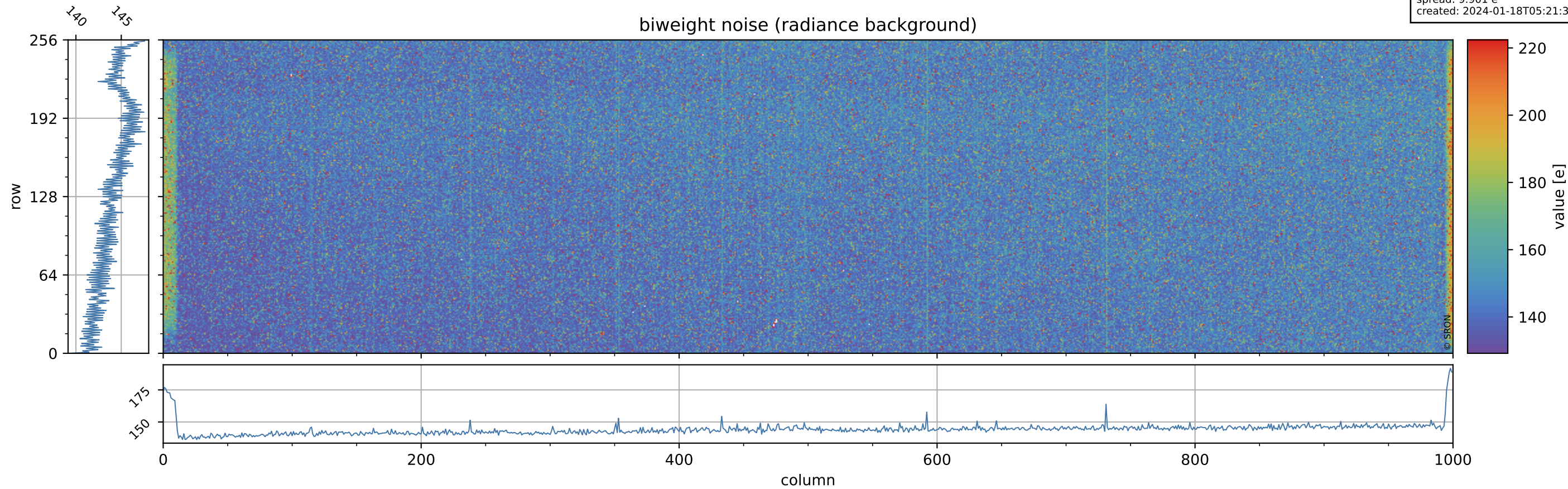
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
n_coad, t_exp: 1, 0.8383
median: 143.95 e
spread: 9.901 e
created: 2024-01-18T05:21:36Z

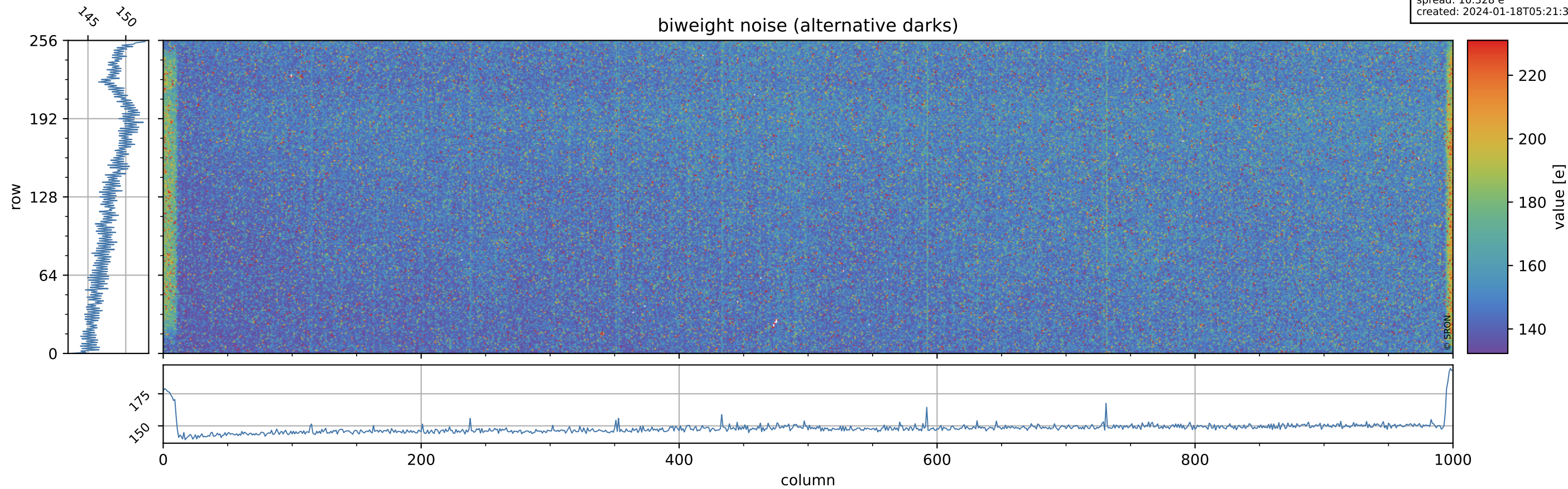
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
n_coad, t_exp: 1, 1.0783
median: 147.94 e
spread: 10.328 e
created: 2024-01-18T05:21:36Z

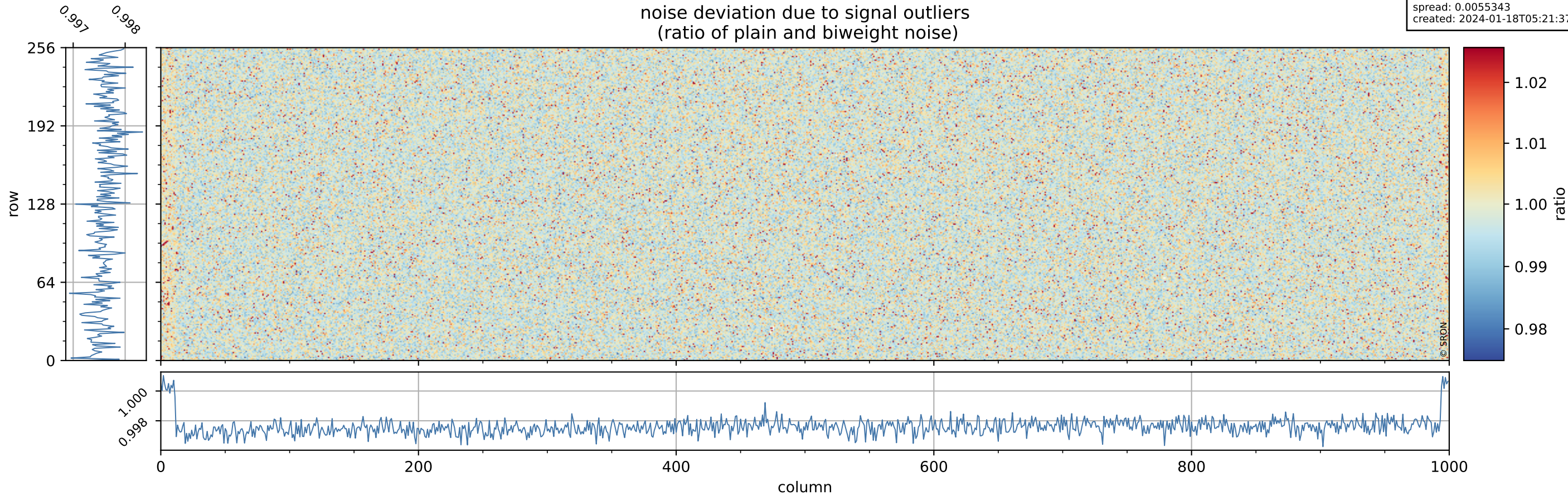
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

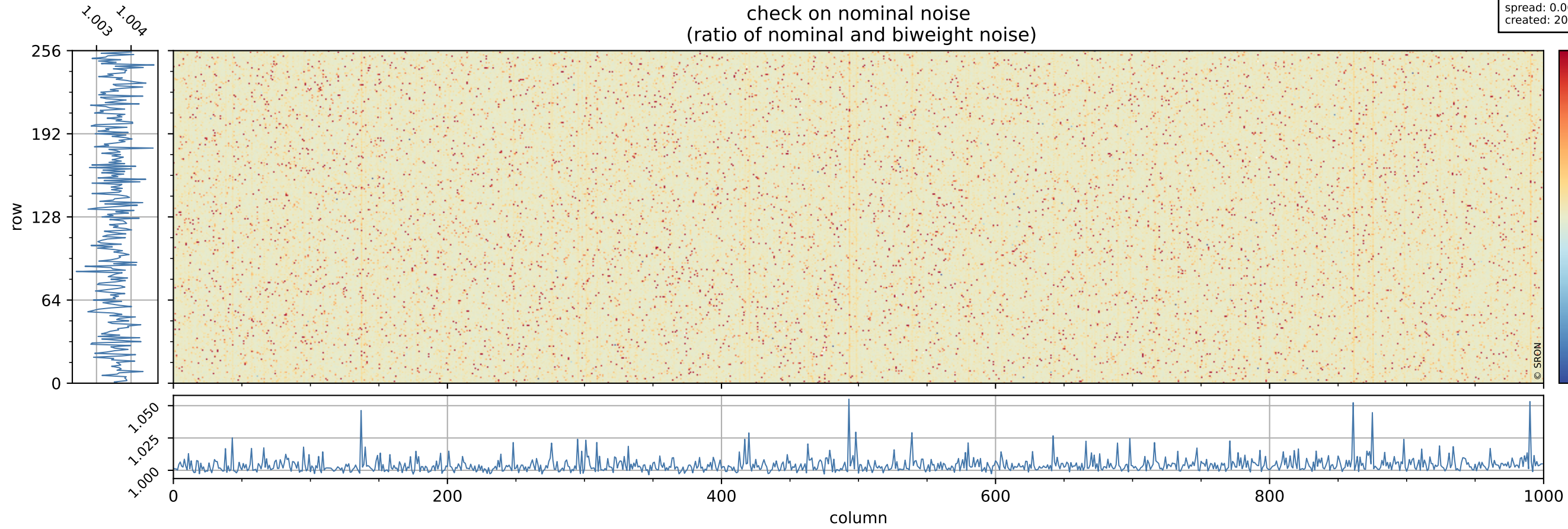
orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
median: 0.99759
spread: 0.0055343
created: 2024-01-18T05:21:37Z



Tropomi SWIR background noise (swir)

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

orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
median: 1.0033
spread: 0.0092747
created: 2024-01-18T05:21:37Z

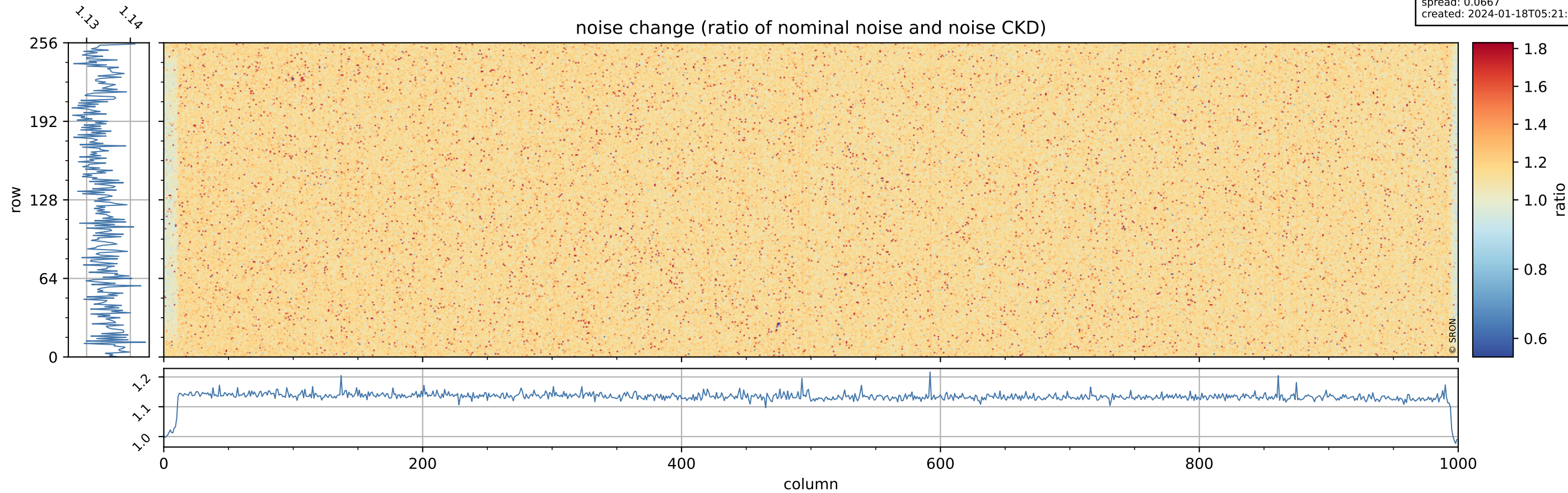


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Tropomi SWIR background noise (swir)

orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
median: 1.1322
spread: 0.0667
created: 2024-01-18T05:21:37Z

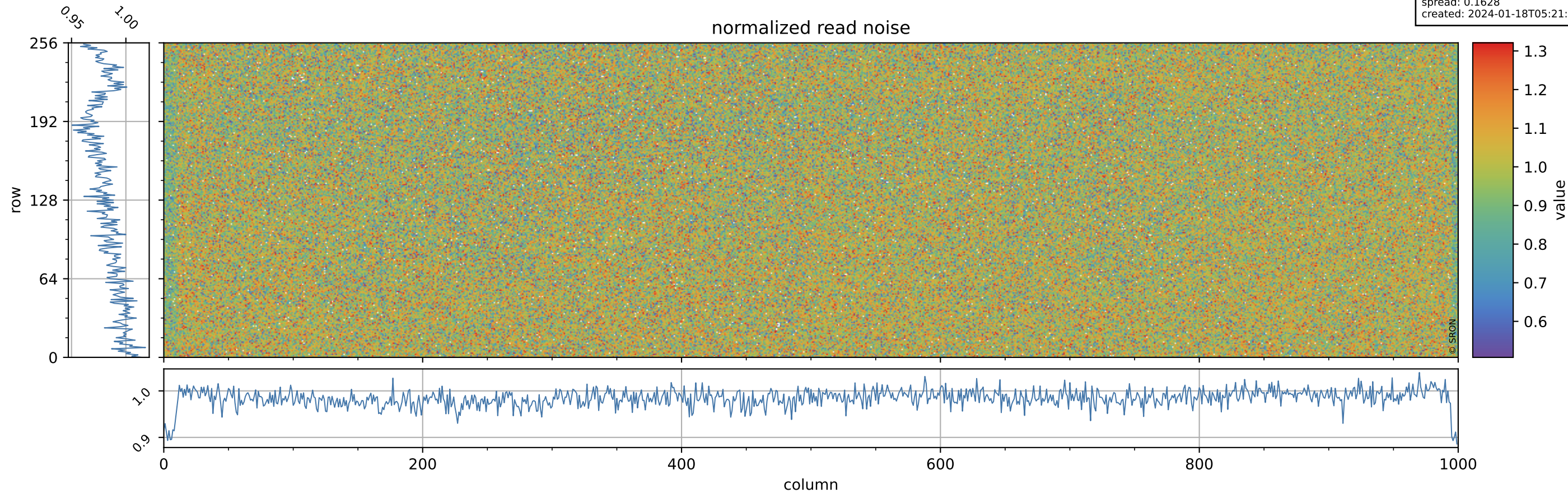
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
median: 0.9825
spread: 0.1628
created: 2024-01-18T05:21:37Z

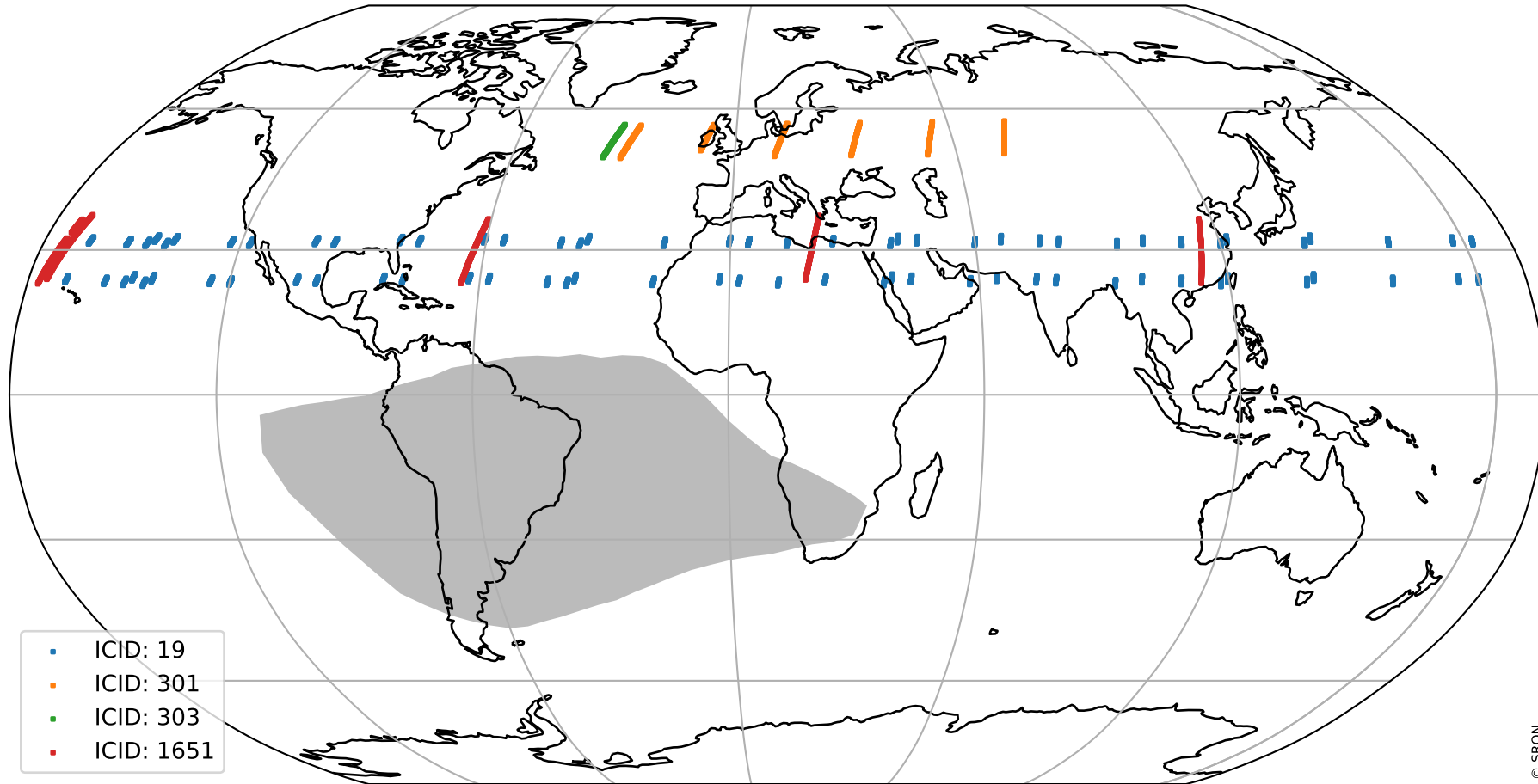
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32362, 32452]
coverage: 2024-01-11 / 2024-01-17
created: 2024-01-18T05:21:38Z

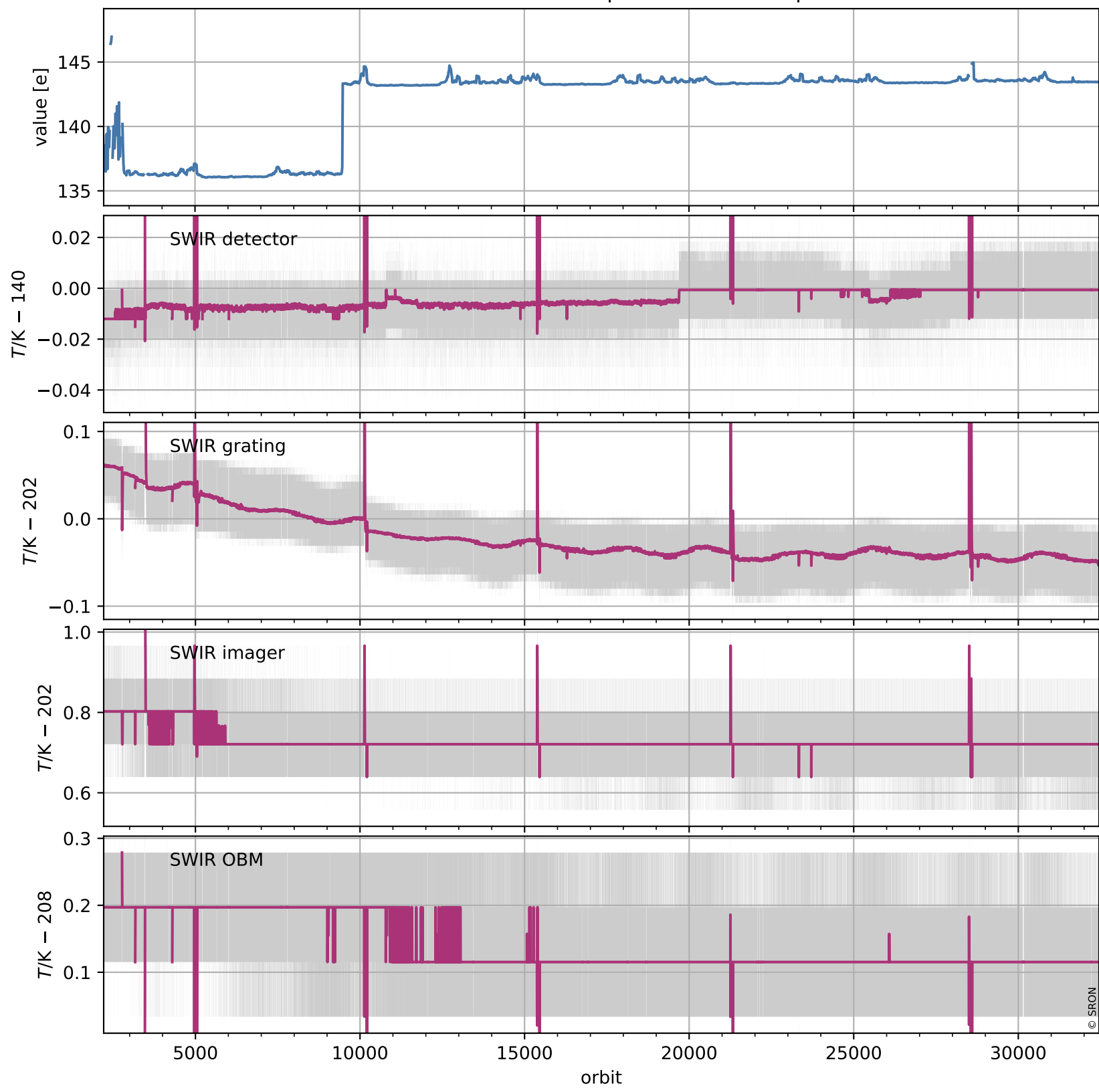
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32452]
coverage: 2018-03-18 / 2024-01-17
created: 2024-01-18T05:21:38Z

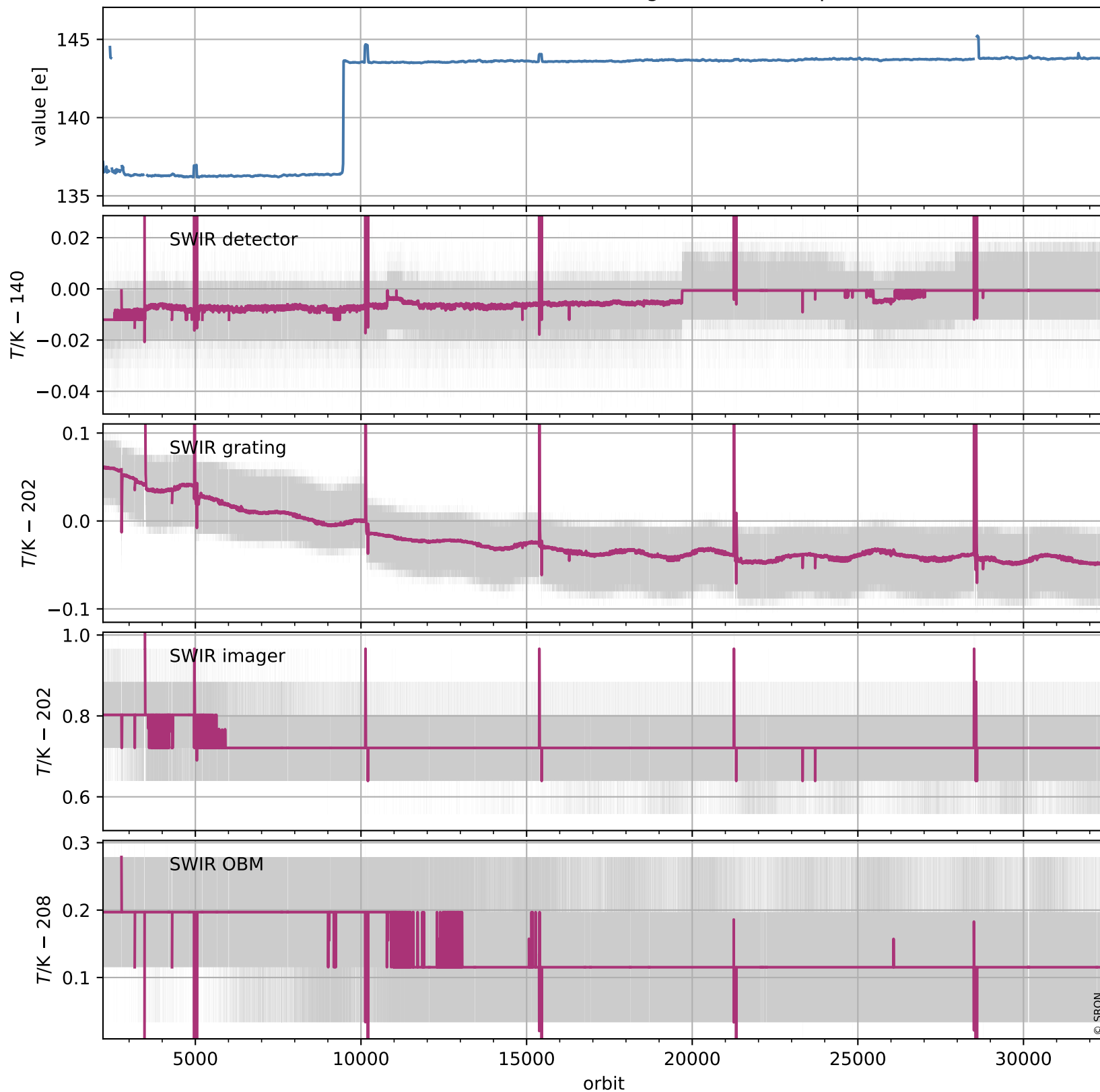
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32452]
coverage: 2018-03-18 / 2024-01-17
created: 2024-01-18T05:21:39Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32452]
coverage: 2018-03-18 / 2024-01-17
created: 2024-01-18T05:21:40Z

trend of normalized read-noise & temperatures

