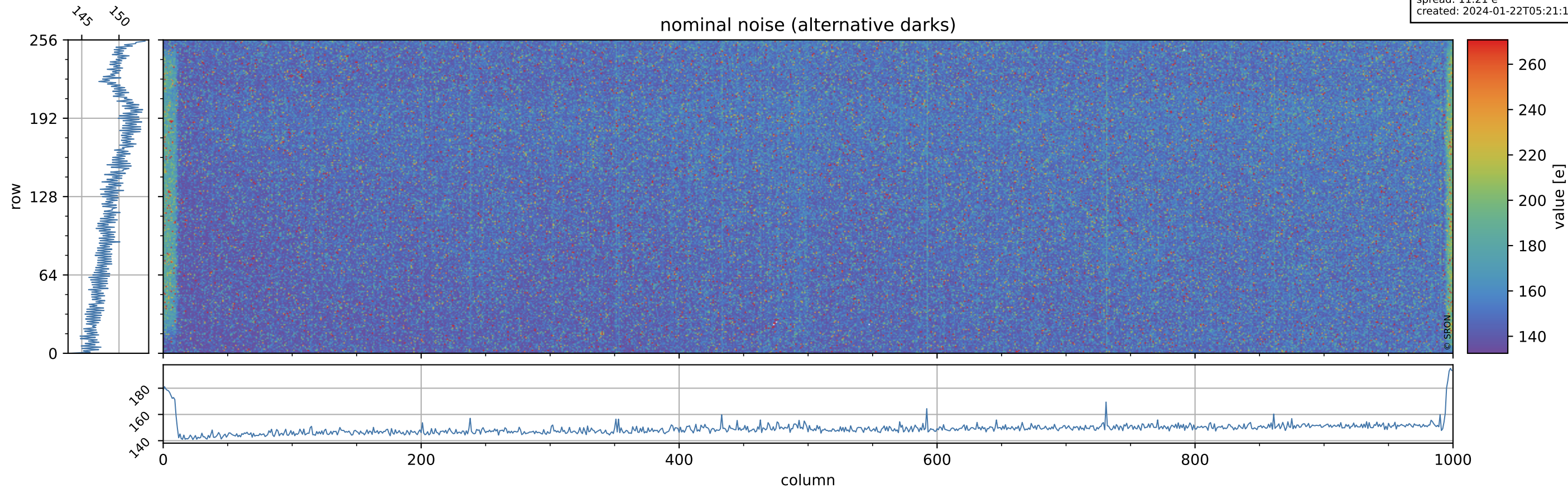


Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
n_coad, t_exp: 1, 1.0783
median: 148.96 e
spread: 11.21 e
created: 2024-01-22T05:21:16Z

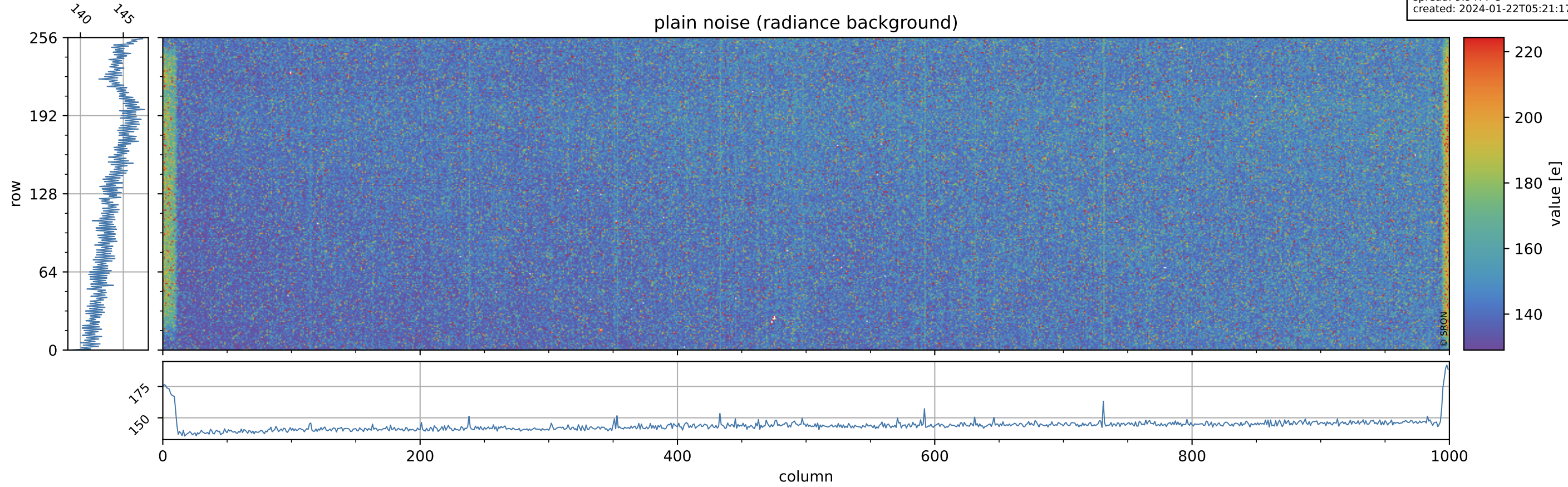
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
n_coad, t_exp: 1, 0.8383
median: 143.63 e
spread: 9.9477 e
created: 2024-01-22T05:21:17Z

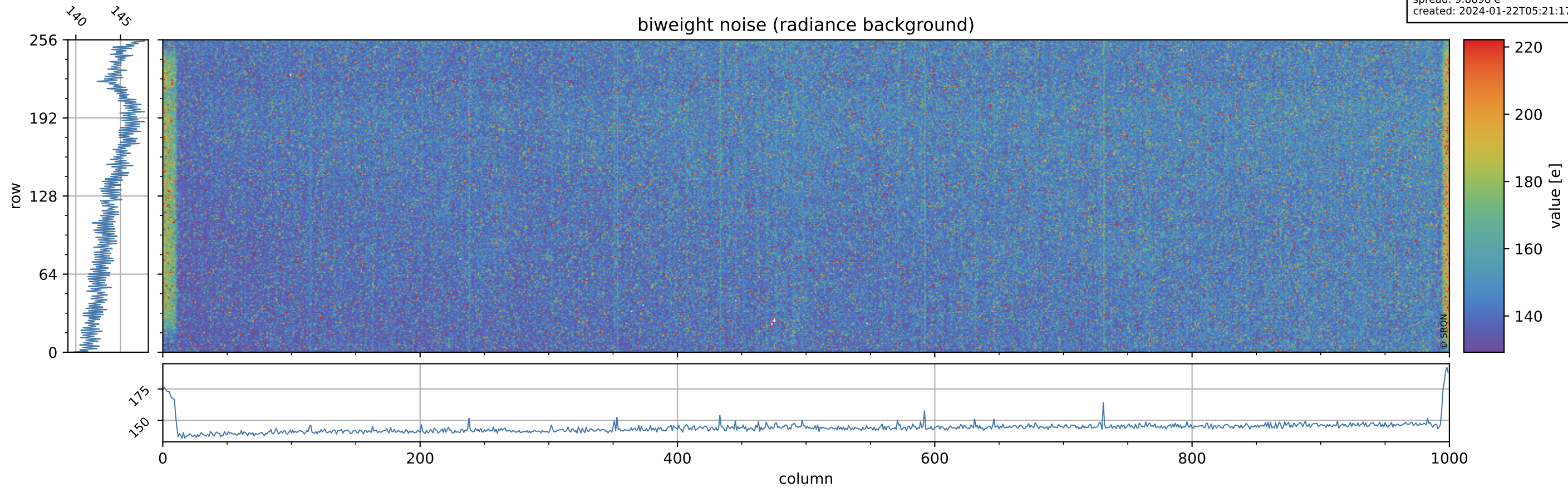
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
n_coad, t_exp: 1, 0.8383
median: 143.96 e
spread: 9.8898 e
created: 2024-01-22T05:21:17Z

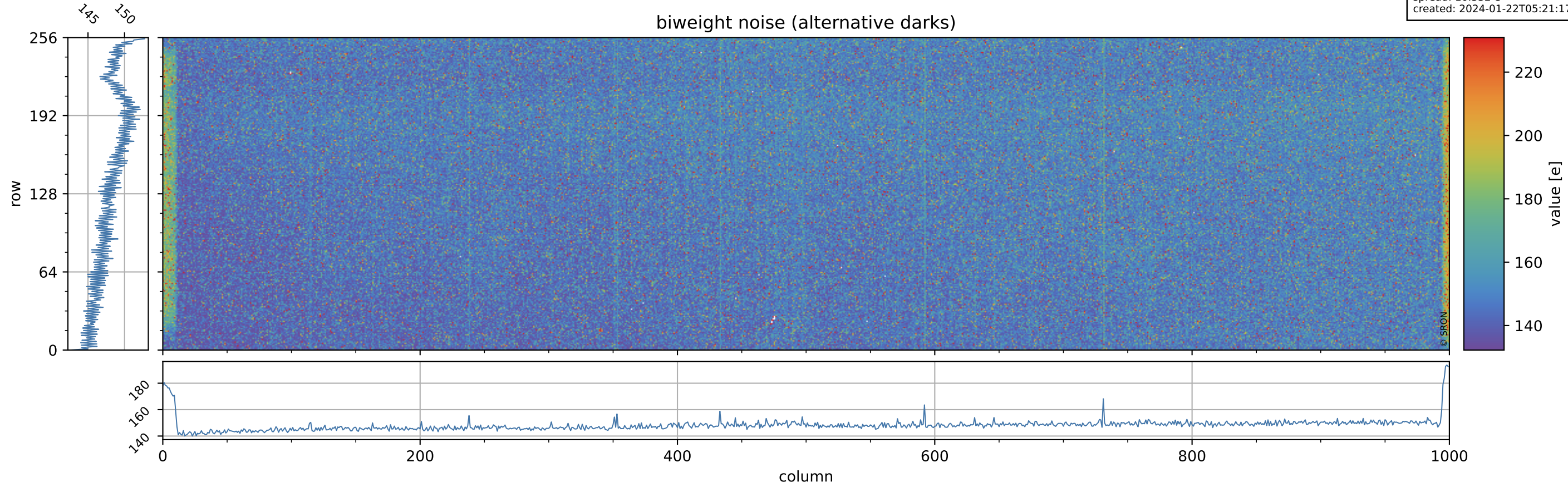
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
n_coad, t_exp: 1, 1.0783
median: 147.95 e
spread: 10.332 e
created: 2024-01-22T05:21:17Z

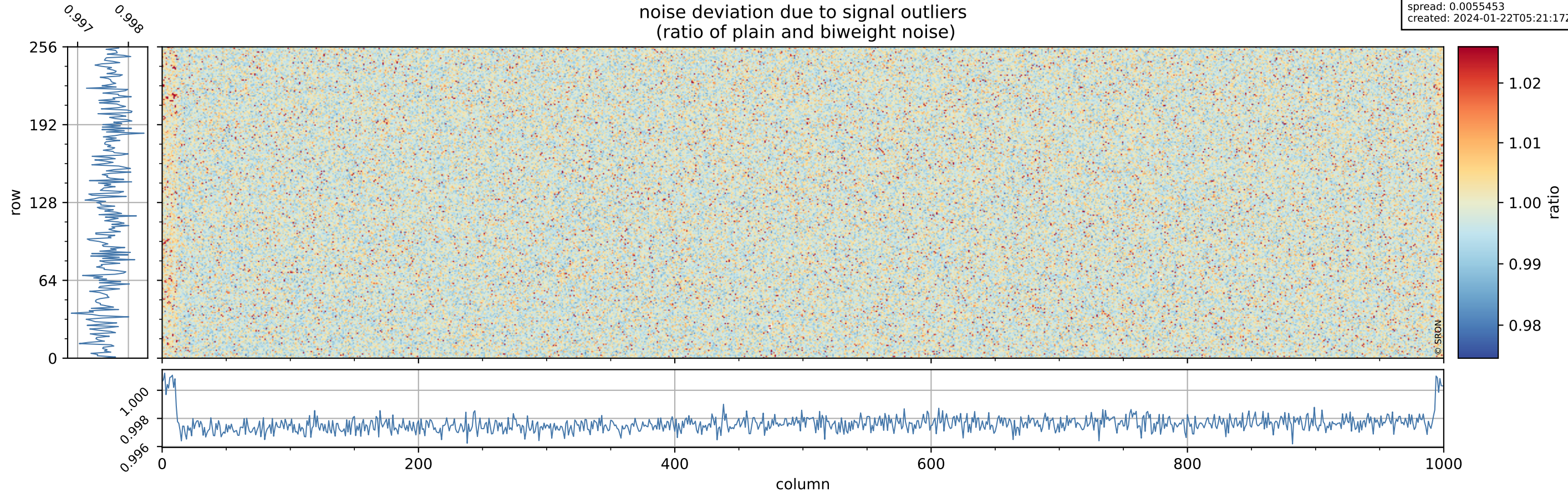
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

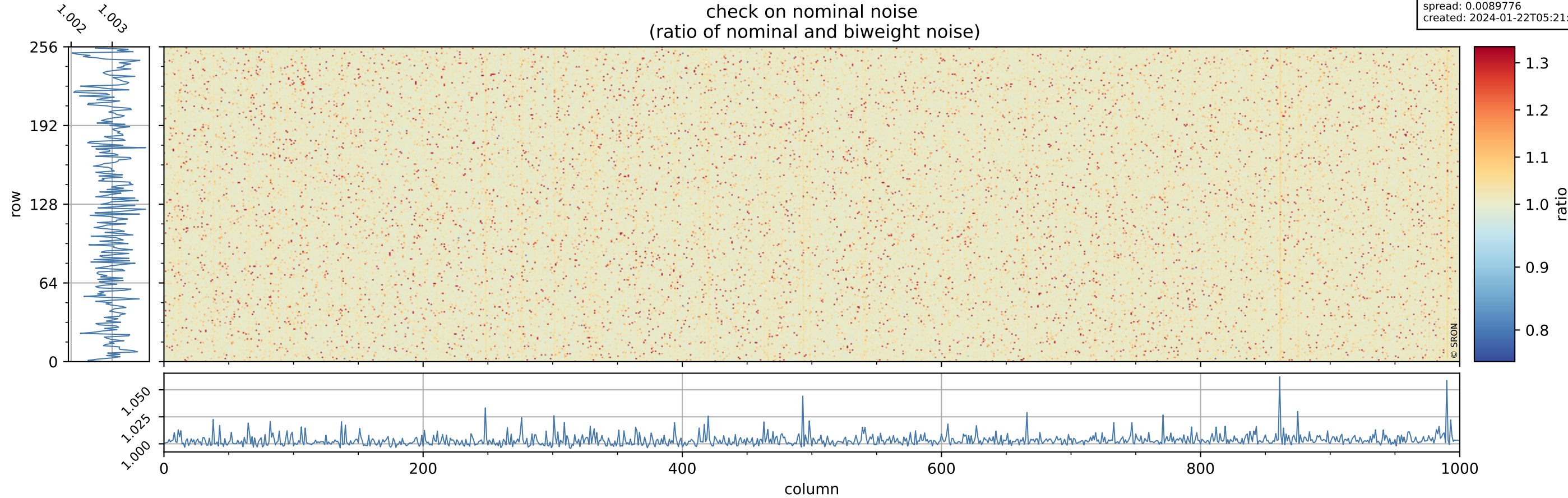
orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
median: 0.99761
spread: 0.0055453
created: 2024-01-22T05:21:17Z



Tropomi SWIR background noise (swir)

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

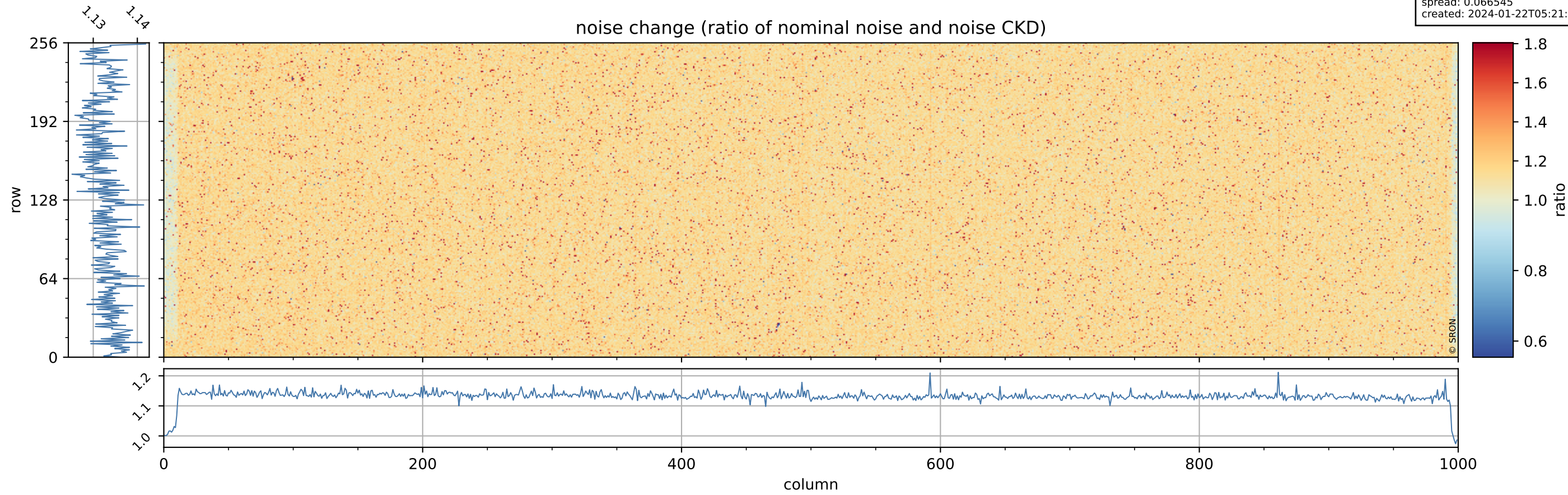
orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
median: 1.0027
spread: 0.0089776
created: 2024-01-22T05:21:18Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
median: 1.1313
spread: 0.066545
created: 2024-01-22T05:21:18Z

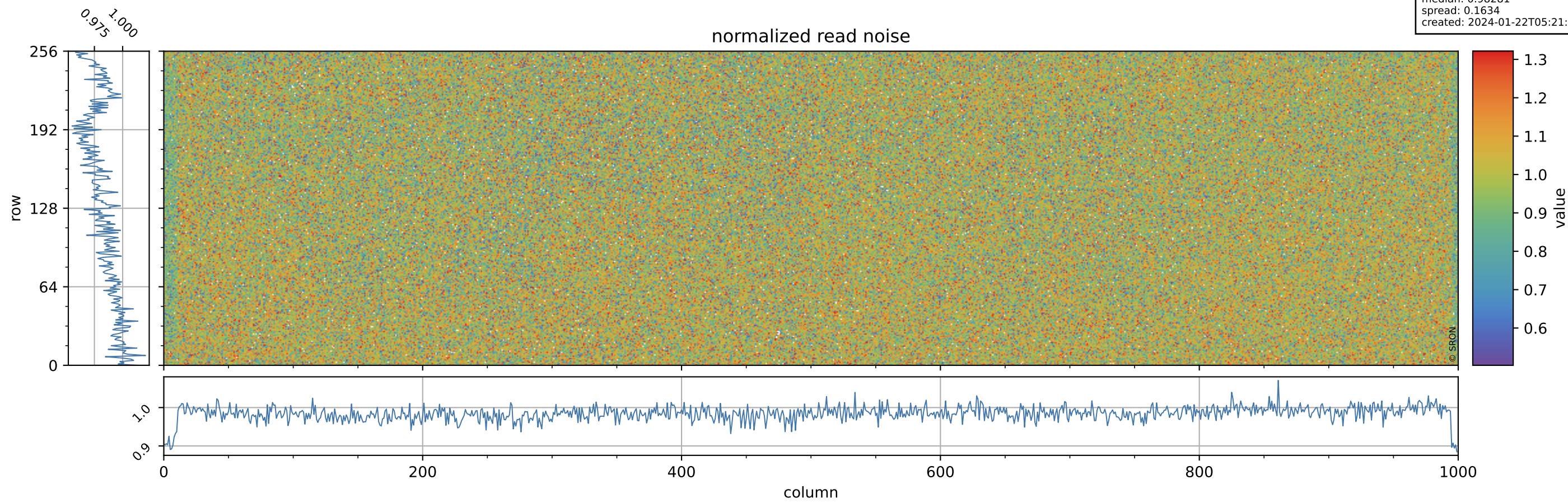
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
median: 0.98281
spread: 0.1634
created: 2024-01-22T05:21:18Z

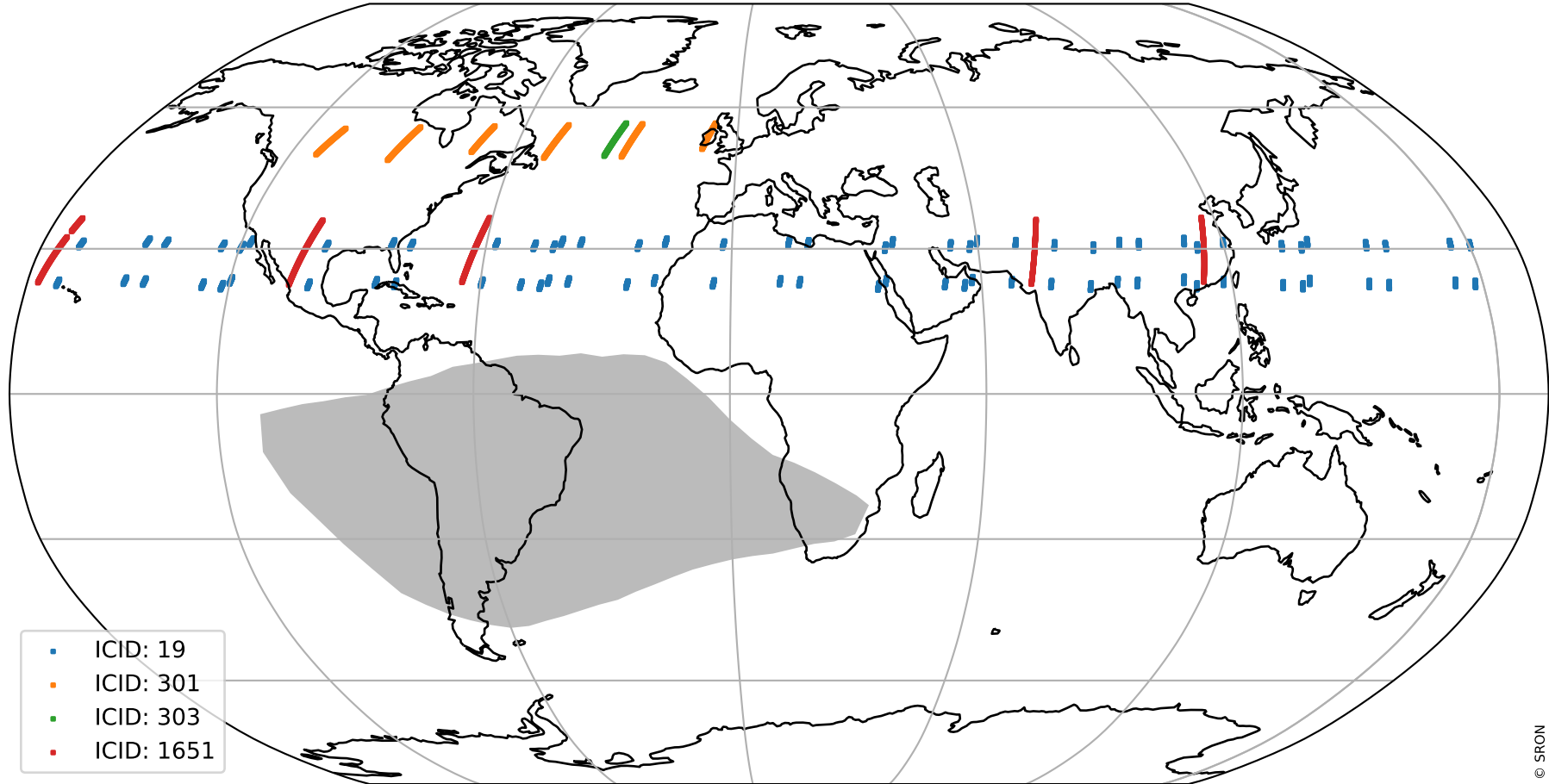
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32437, 32512]
coverage: 2024-01-16 / 2024-01-21
created: 2024-01-22T05:21:18Z

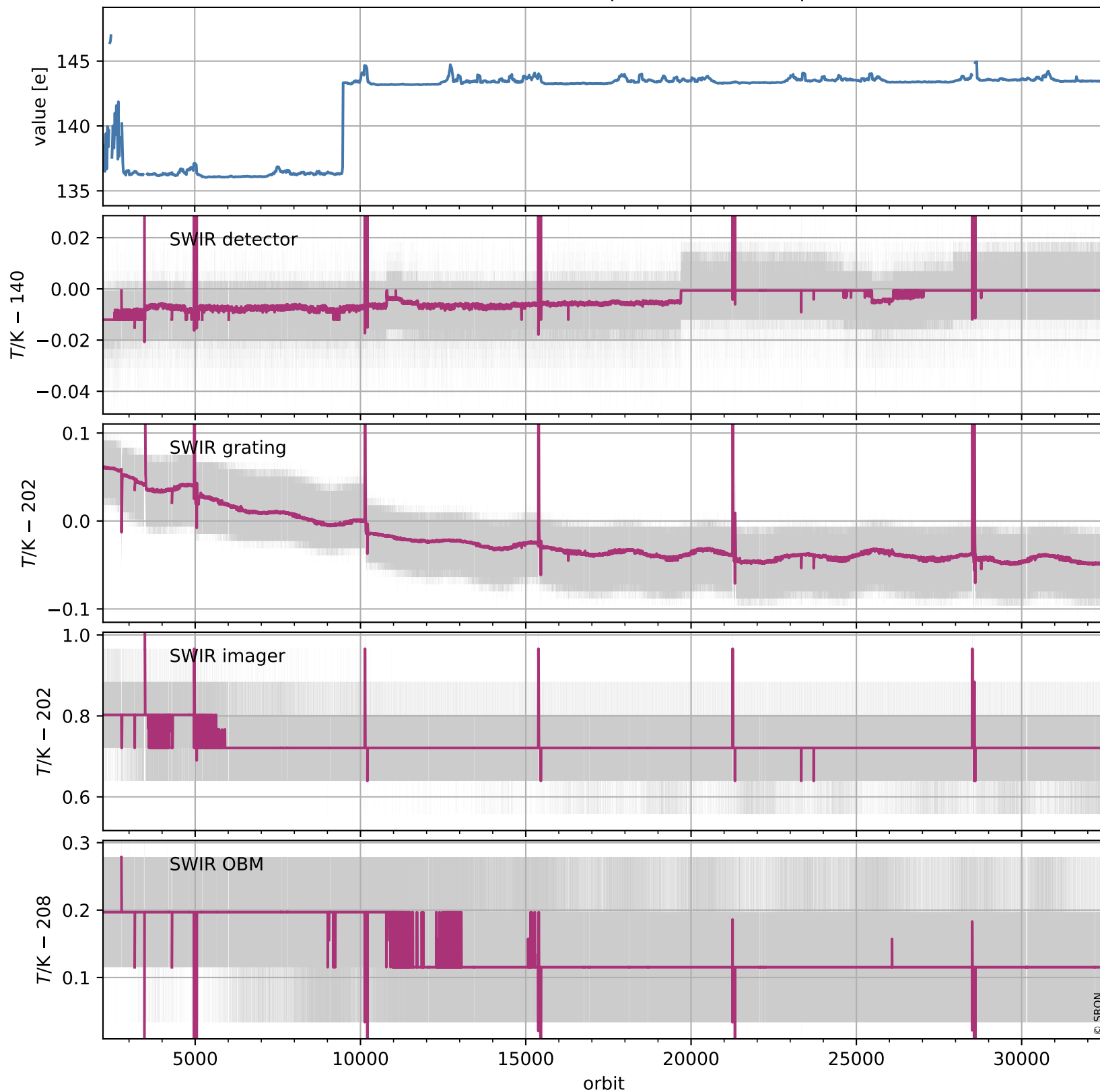
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32512]
coverage: 2018-03-18 / 2024-01-21
created: 2024-01-22T05:21:19Z

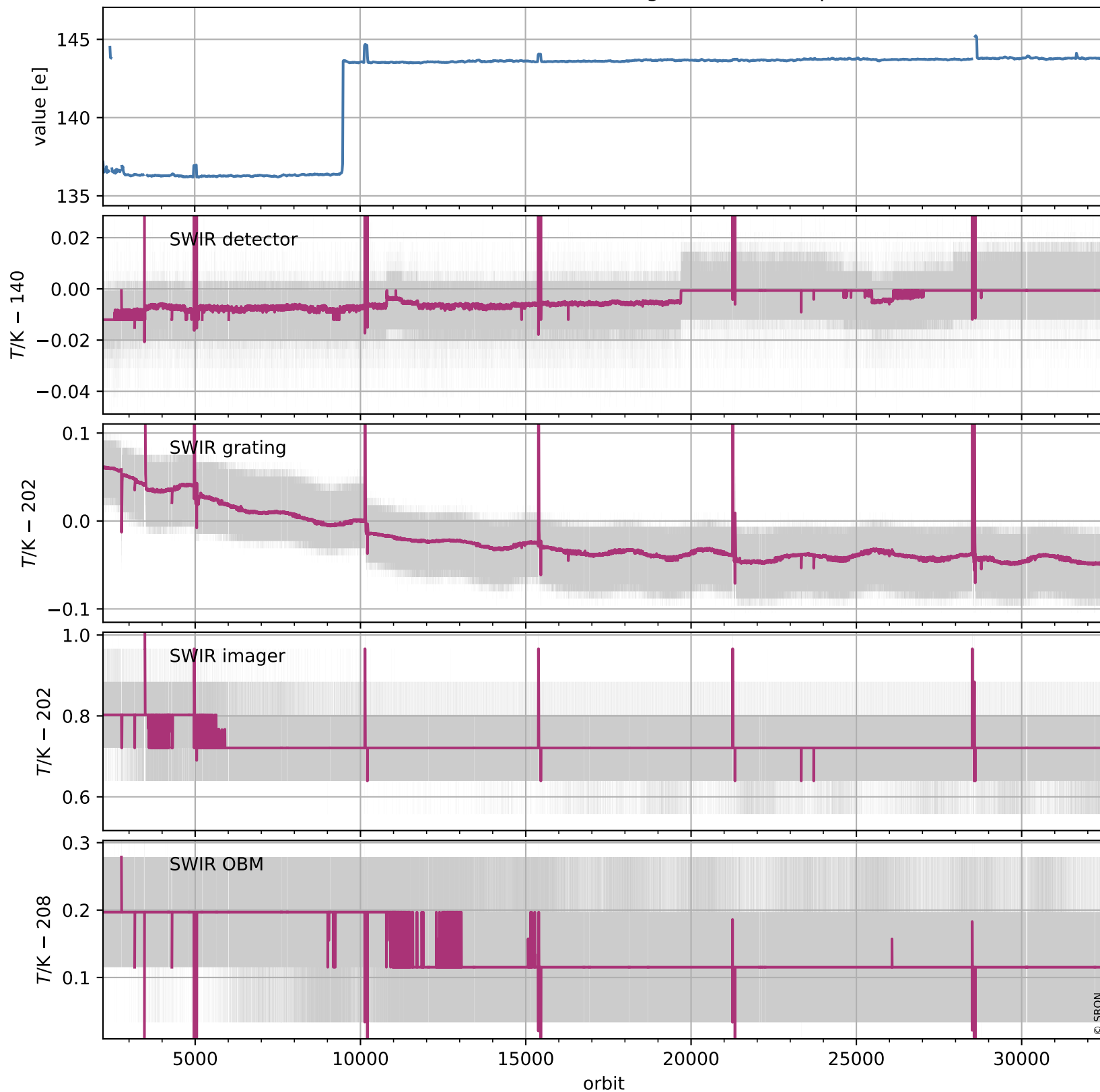
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32512]
coverage: 2018-03-18 / 2024-01-21
created: 2024-01-22T05:21:20Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32512]
coverage: 2018-03-18 / 2024-01-21
created: 2024-01-22T05:21:21Z

trend of normalized read-noise & temperatures

