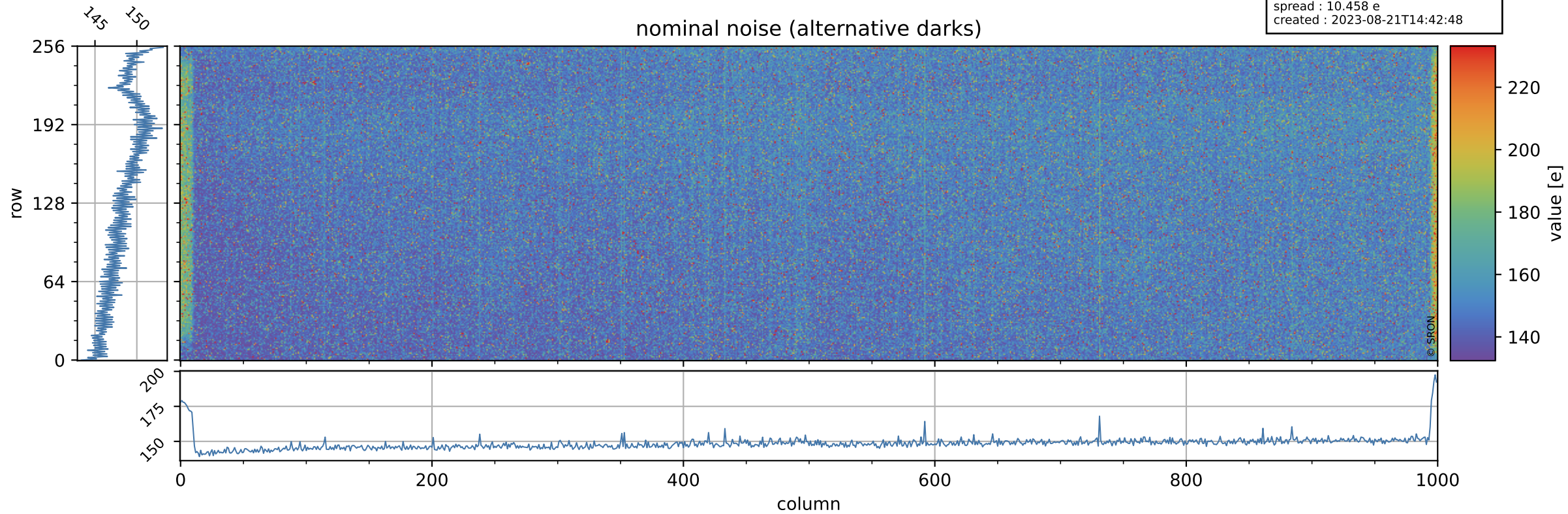


Tropomi SWIR background noise (swir)

orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.458 e
created : 2023-08-21T14:42:48

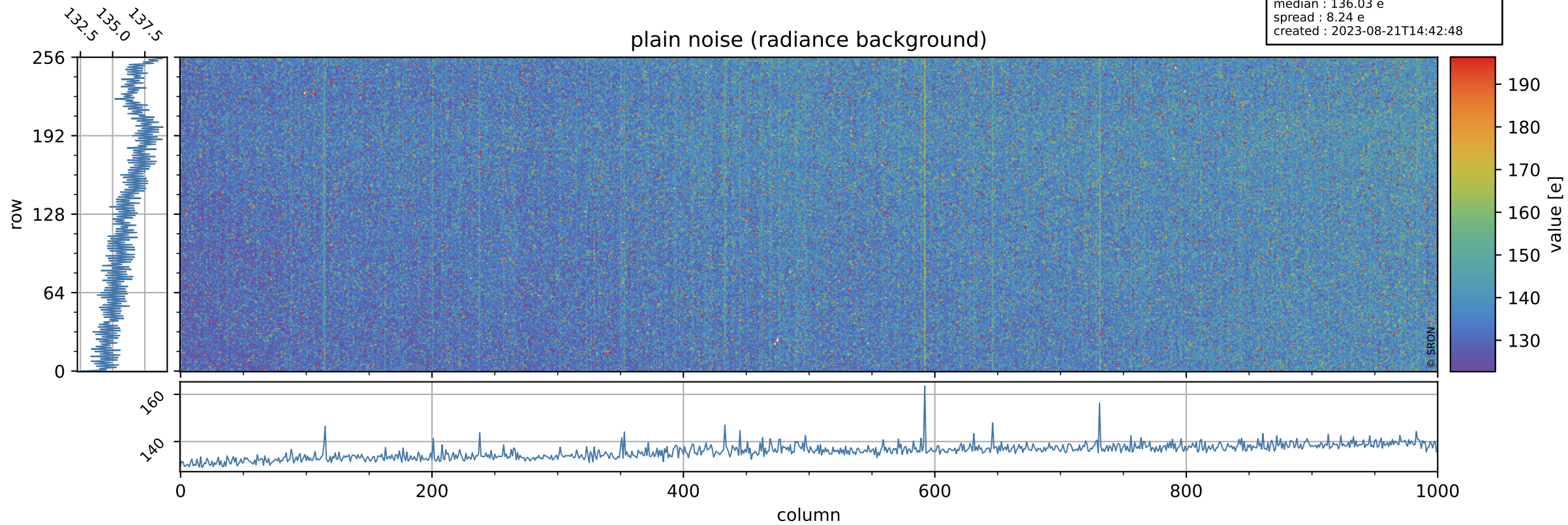
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
n_coad, t_exp : 2, 0.5383
median : 136.03 e
spread : 8.24 e
created : 2023-08-21T14:42:48

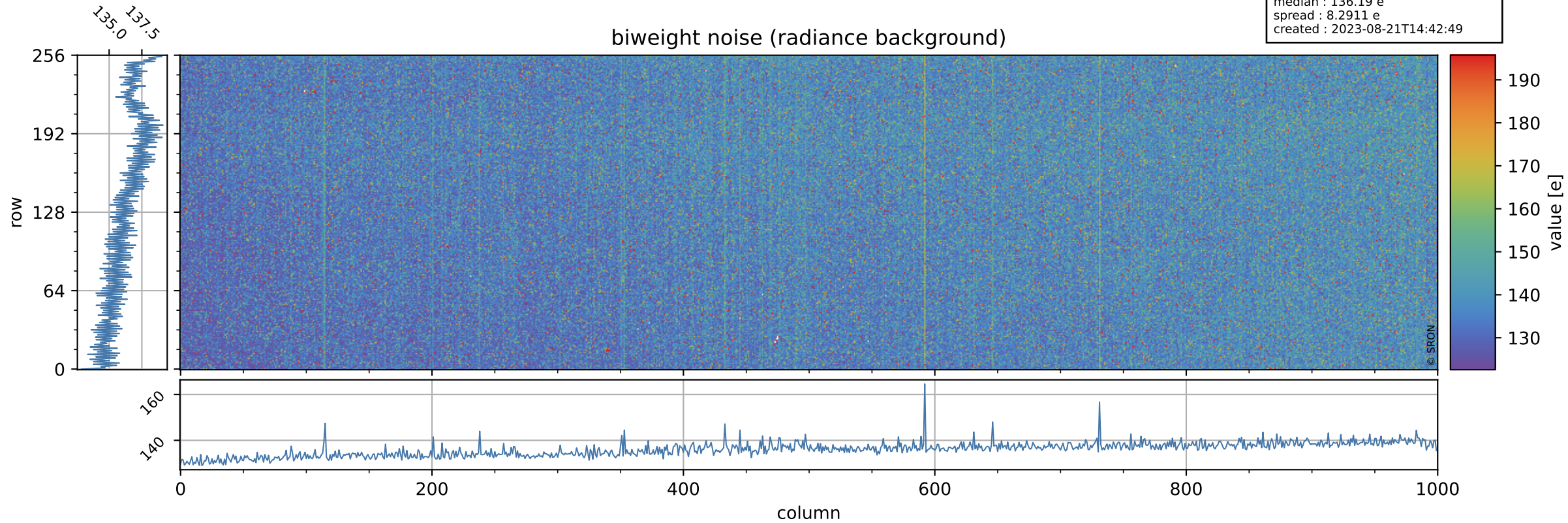
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.2911 e
created : 2023-08-21T14:42:49

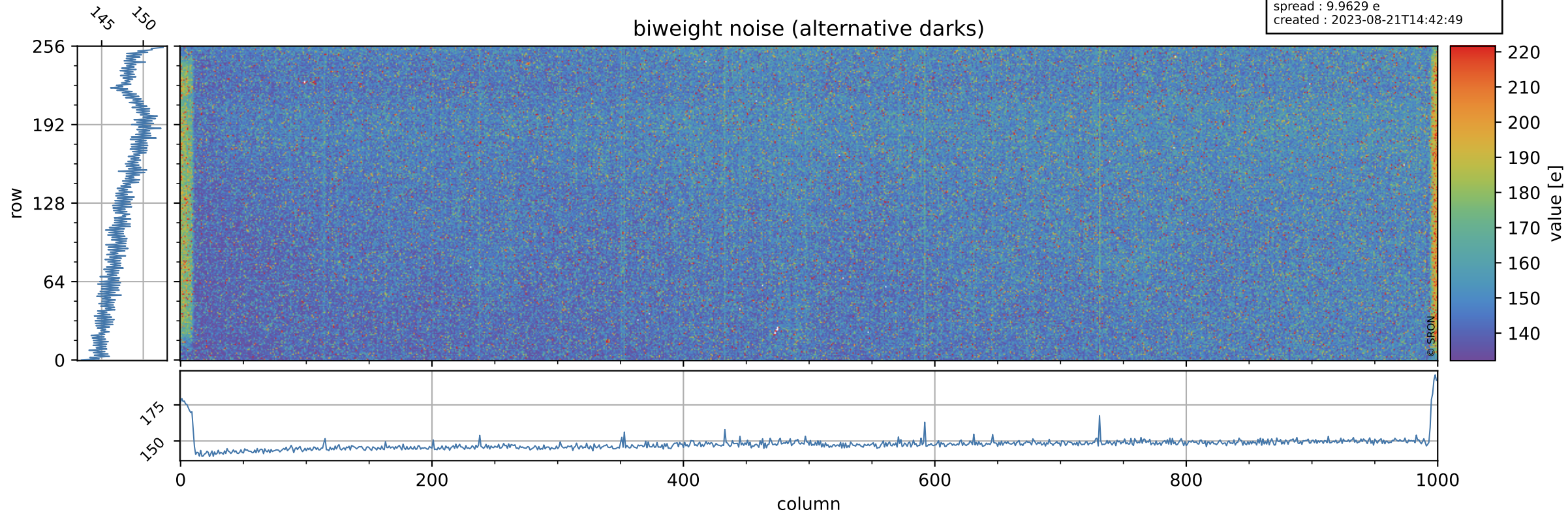
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9629 e
created : 2023-08-21T14:42:49

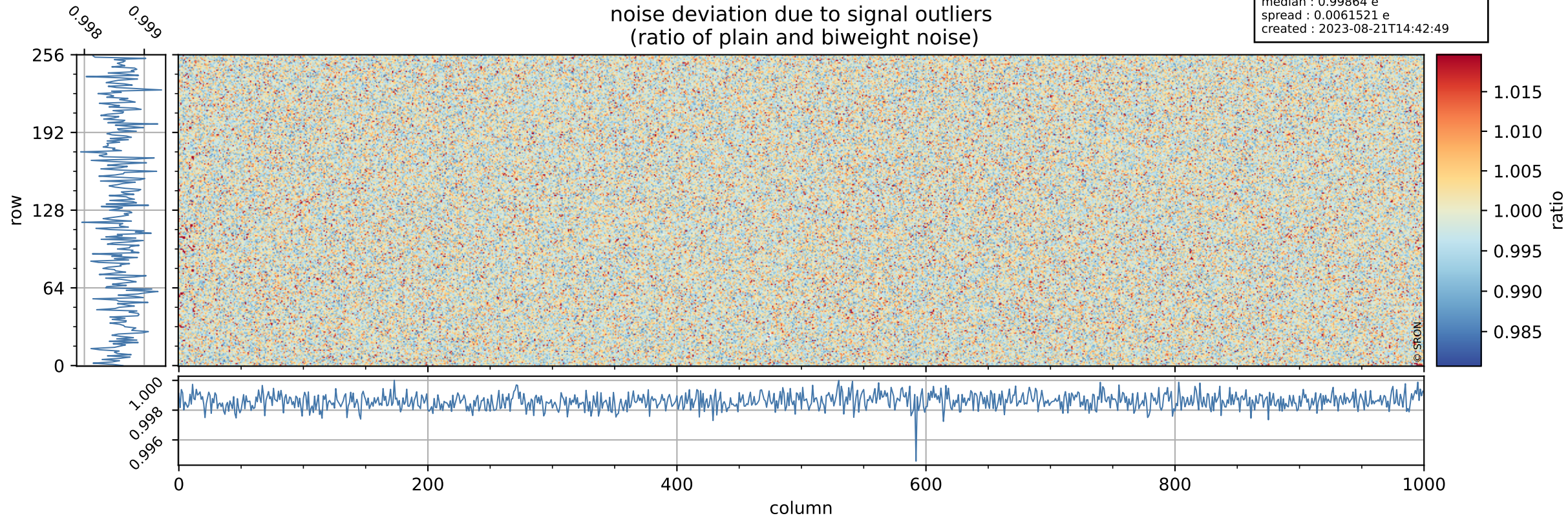
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

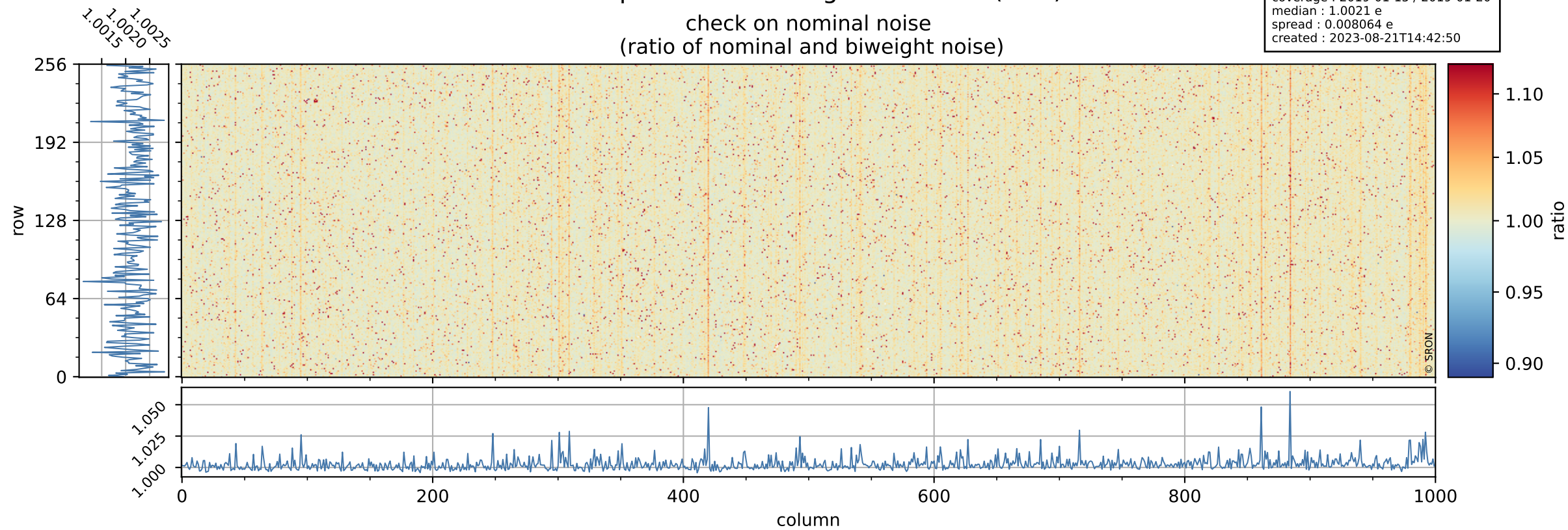
orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
median : 0.99864 e
spread : 0.0061521 e
created : 2023-08-21T14:42:49



Tropomi SWIR background noise (swir)

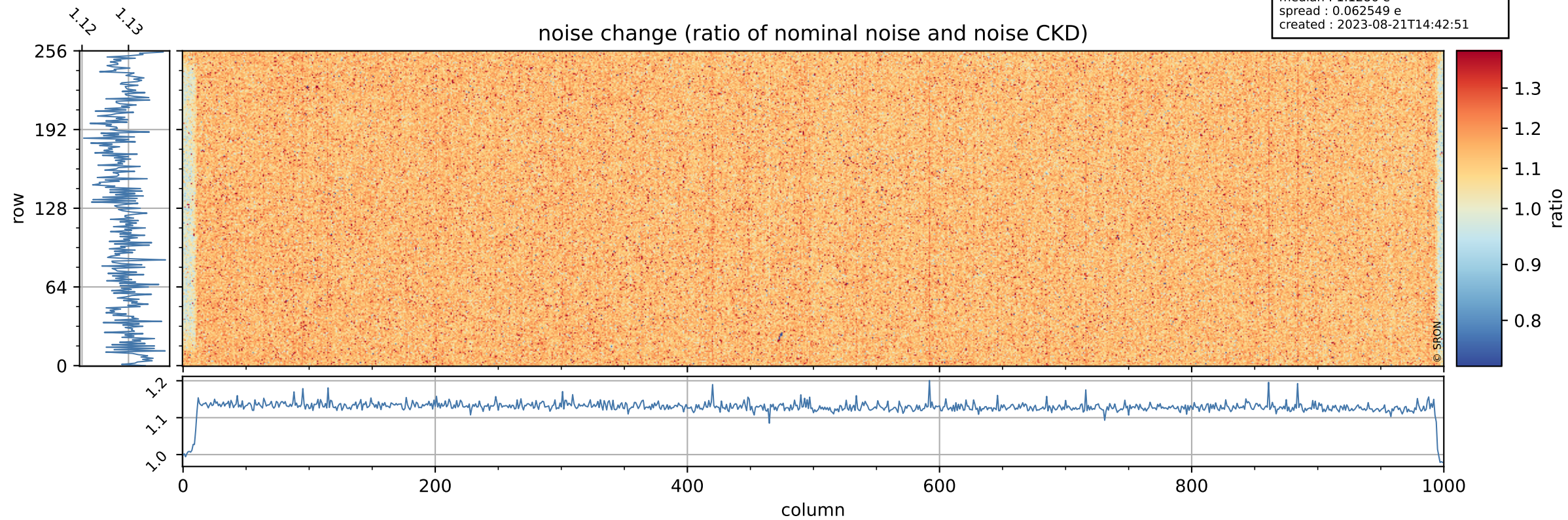
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
median : 1.0021 e
spread : 0.008064 e
created : 2023-08-21T14:42:50



Tropomi SWIR background noise (swir)

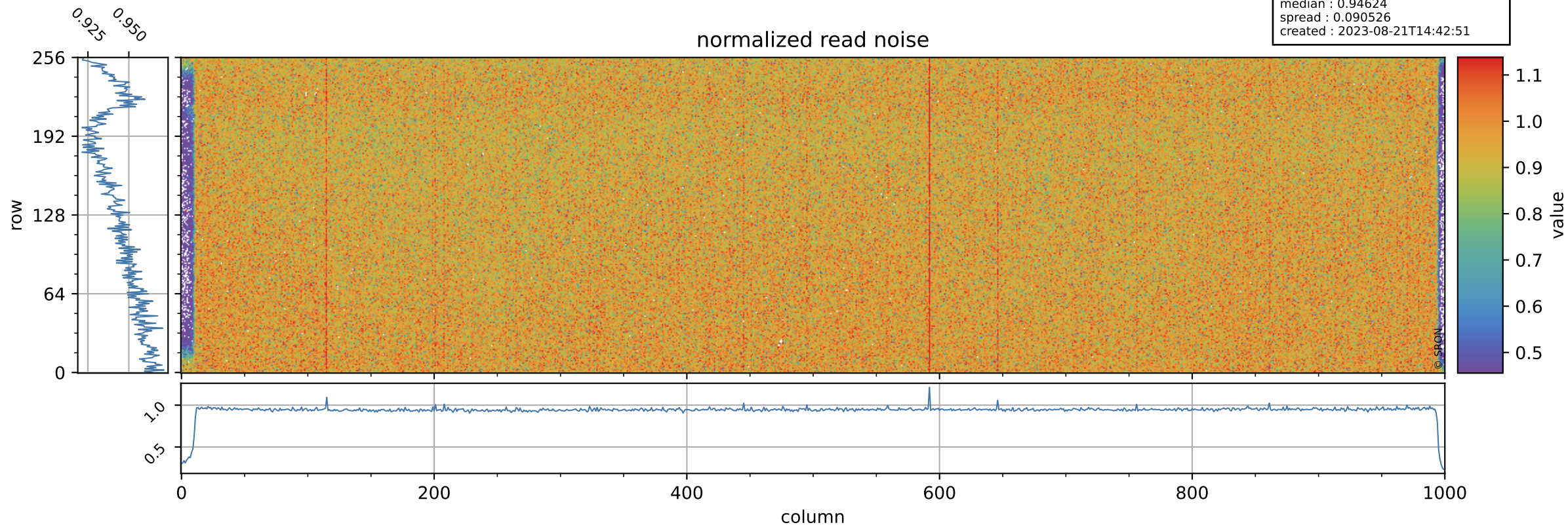
orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
median : 1.1286 e
spread : 0.062549 e
created : 2023-08-21T14:42:51



Tropomi SWIR background noise (swir)

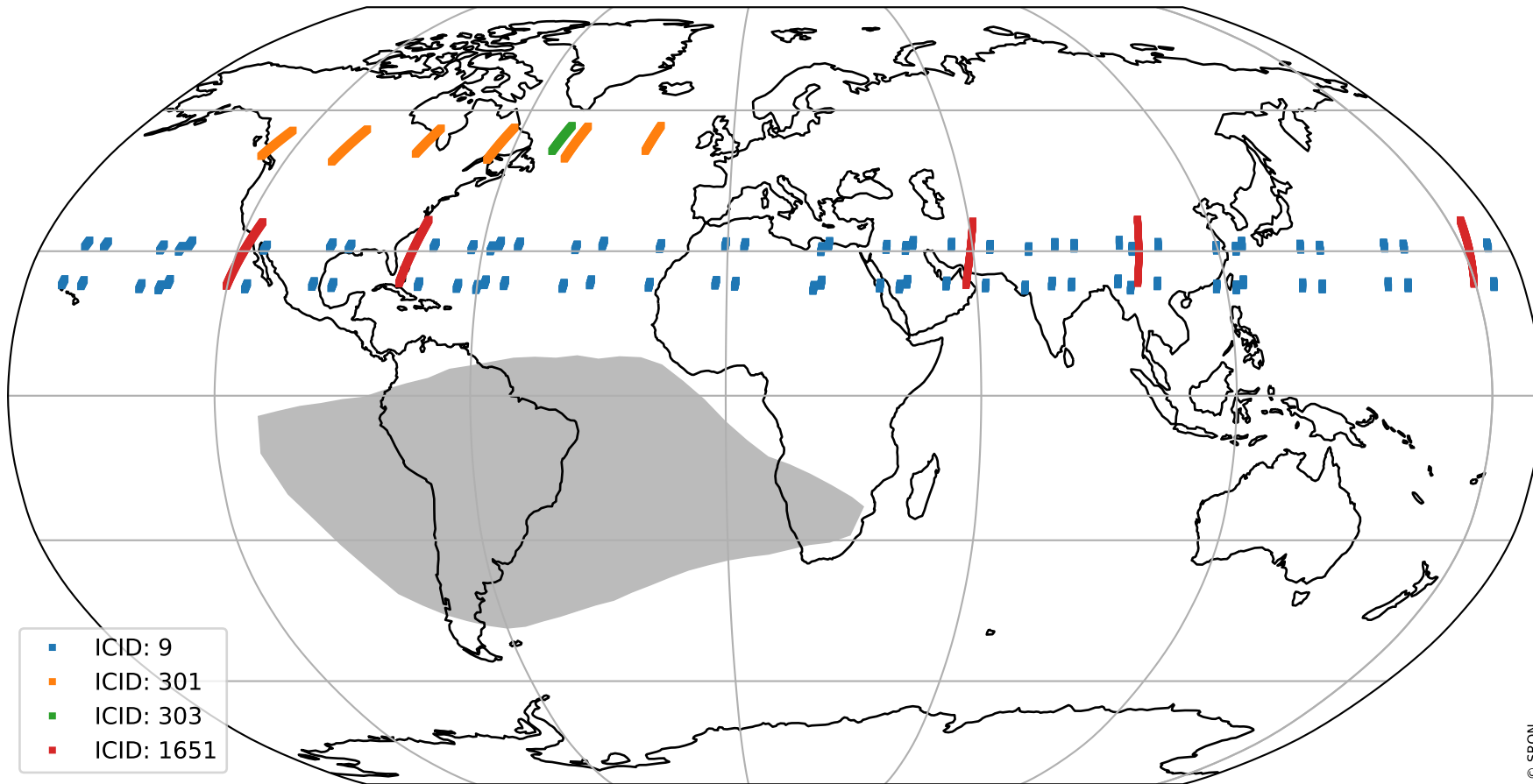
orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
median : 0.94624
spread : 0.090526
created : 2023-08-21T14:42:51

normalized read noise



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

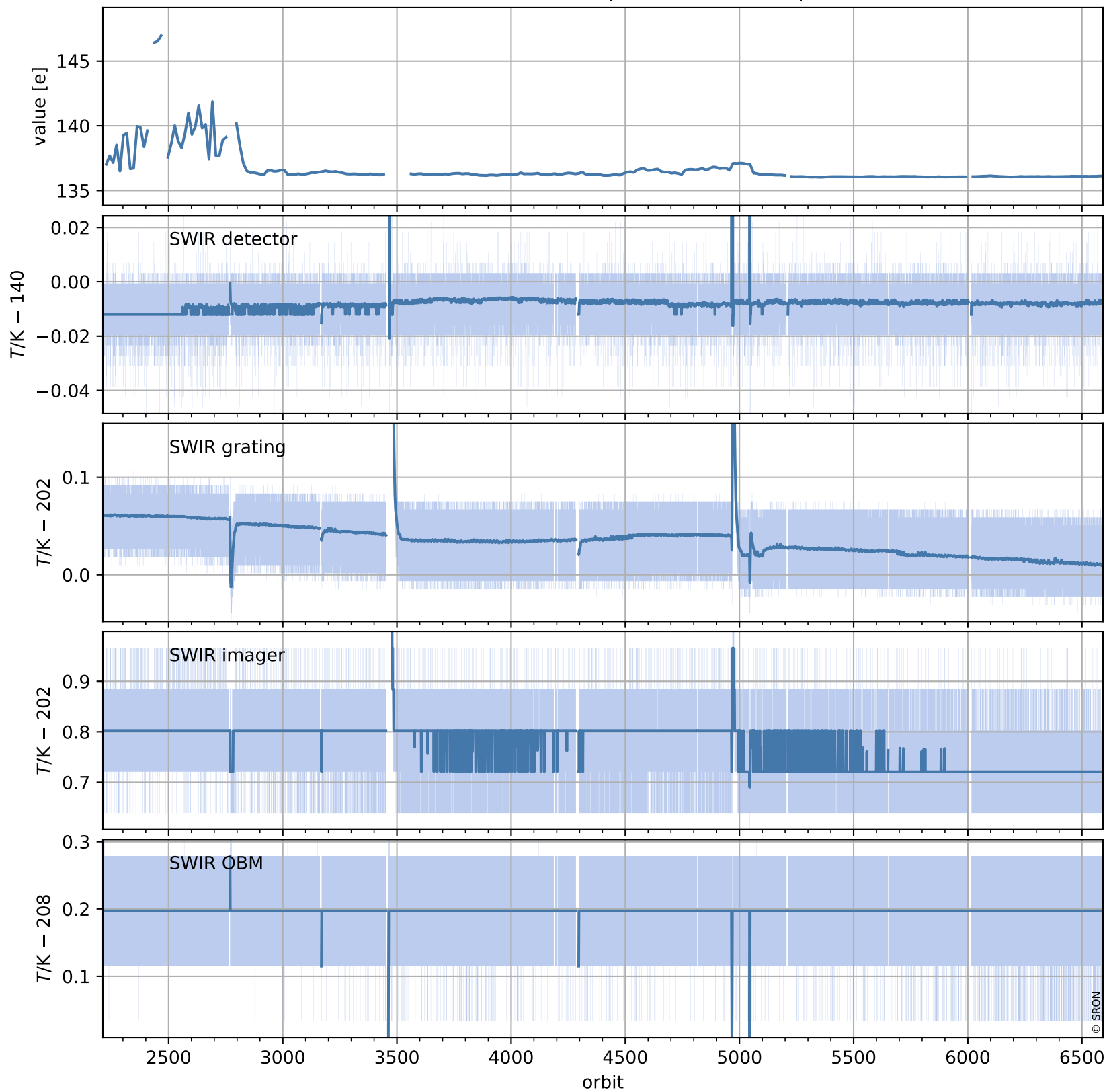
orbits : 12 in [6517, 6592]
coverage : 2019-01-15 / 2019-01-20
created : 2023-08-21T14:42:52



Tropomi SWIR background noise (swir)

orbits : [2212, 6592]
coverage : 2018-03-18 / 2019-01-20
created : 2023-08-21T14:42:52

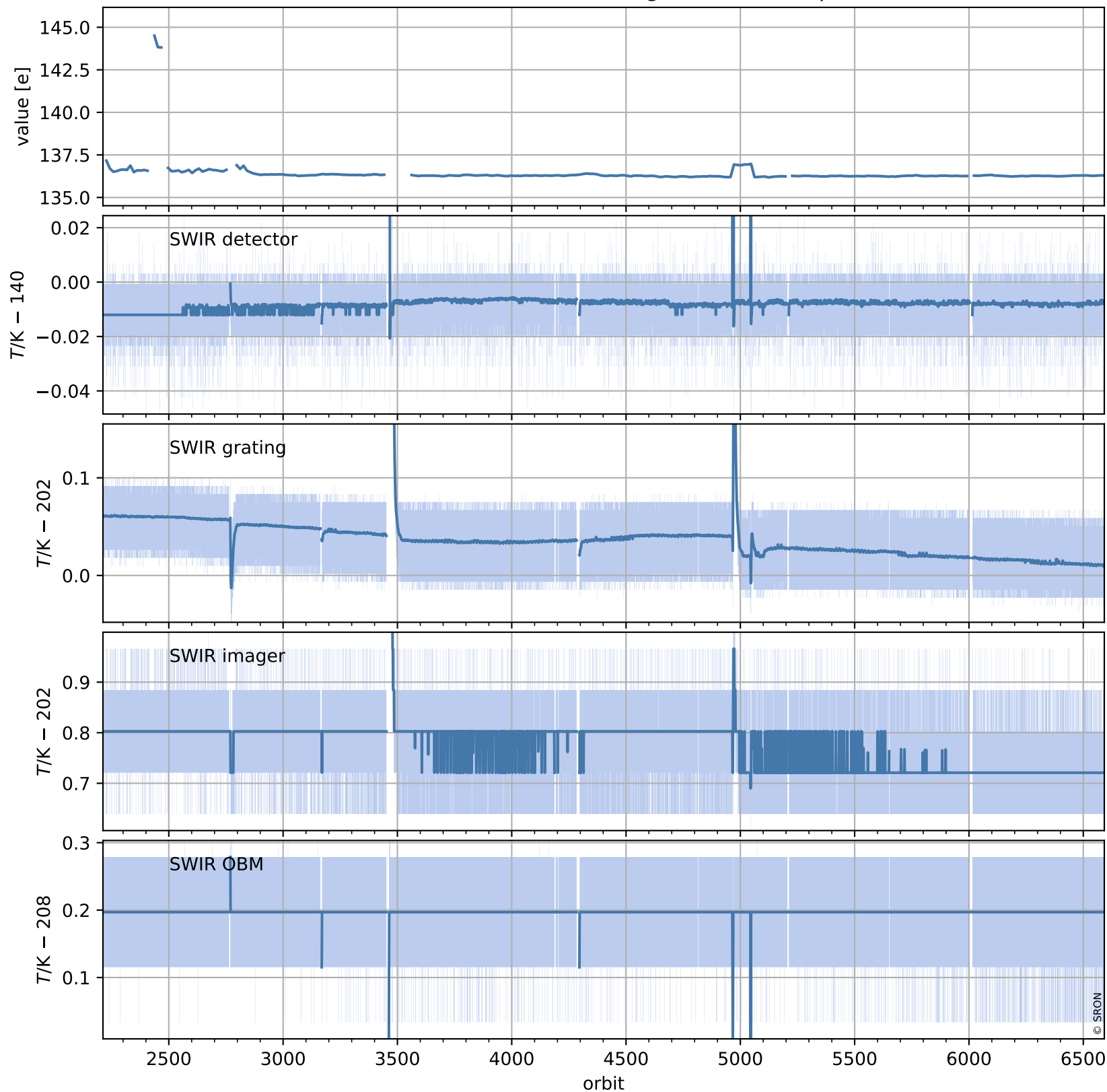
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6592]
coverage : 2018-03-18 / 2019-01-20
created : 2023-08-21T14:42:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6592]
coverage : 2018-03-18 / 2019-01-20
created : 2023-08-21T14:42:54

trend of normalized read-noise & temperatures

