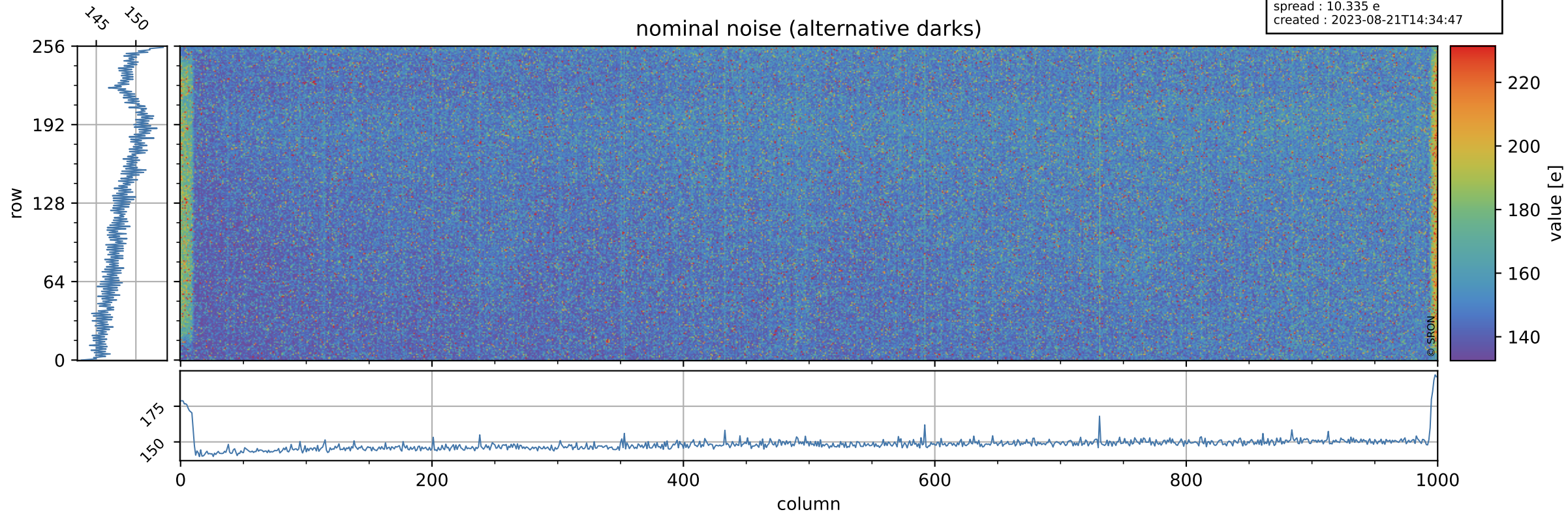


Tropomi SWIR background noise (swir)

orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
n_coad, t_exp : 1, 1.0783
median : 148.24 e
spread : 10.335 e
created : 2023-08-21T14:34:47

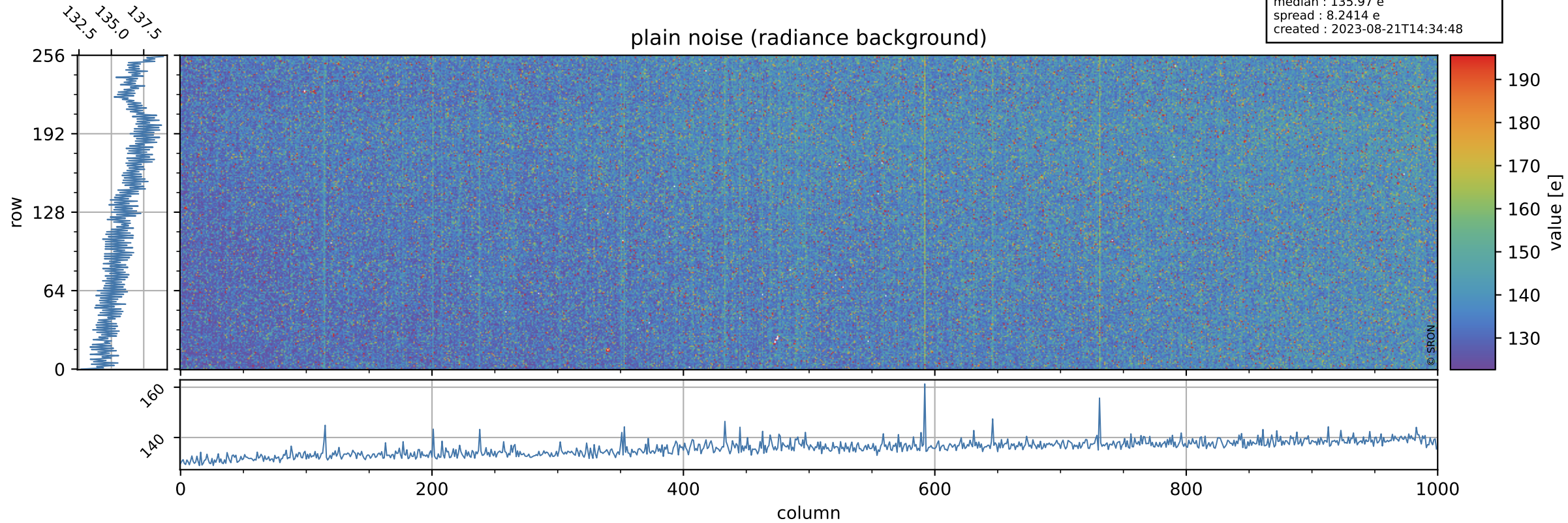
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
n_coad, t_exp : 2, 0.5383
median : 135.97 e
spread : 8.2414 e
created : 2023-08-21T14:34:48

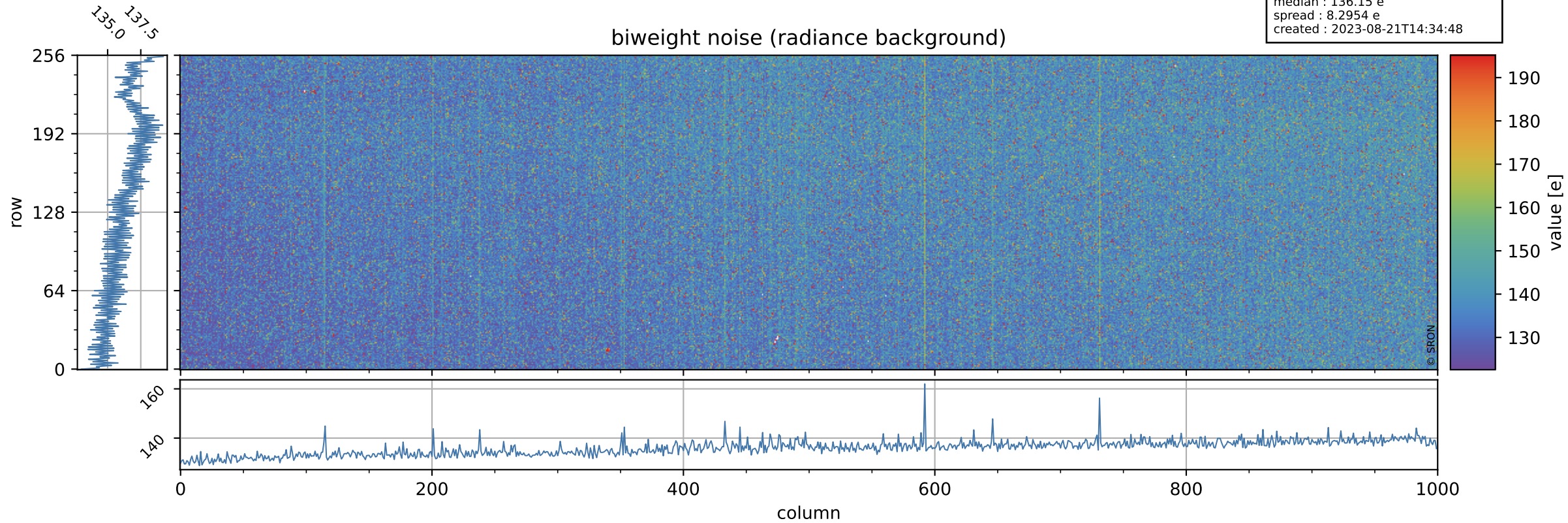
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.2954 e
created : 2023-08-21T14:34:48

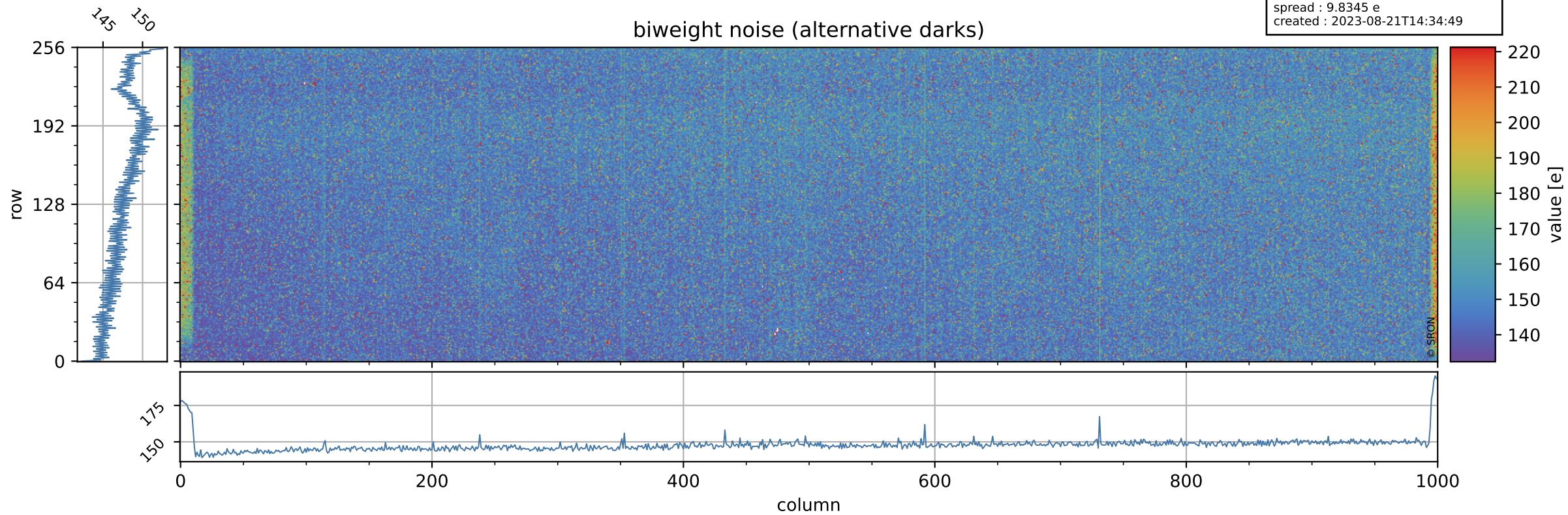
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.8345 e
created : 2023-08-21T14:34:49

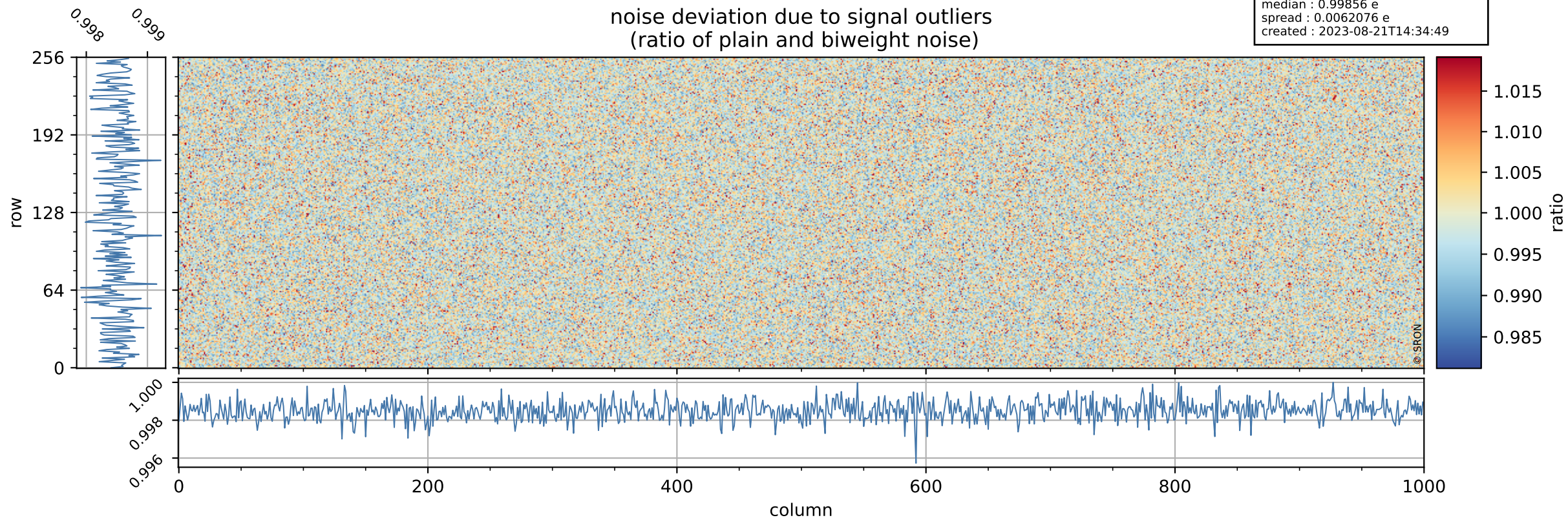
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

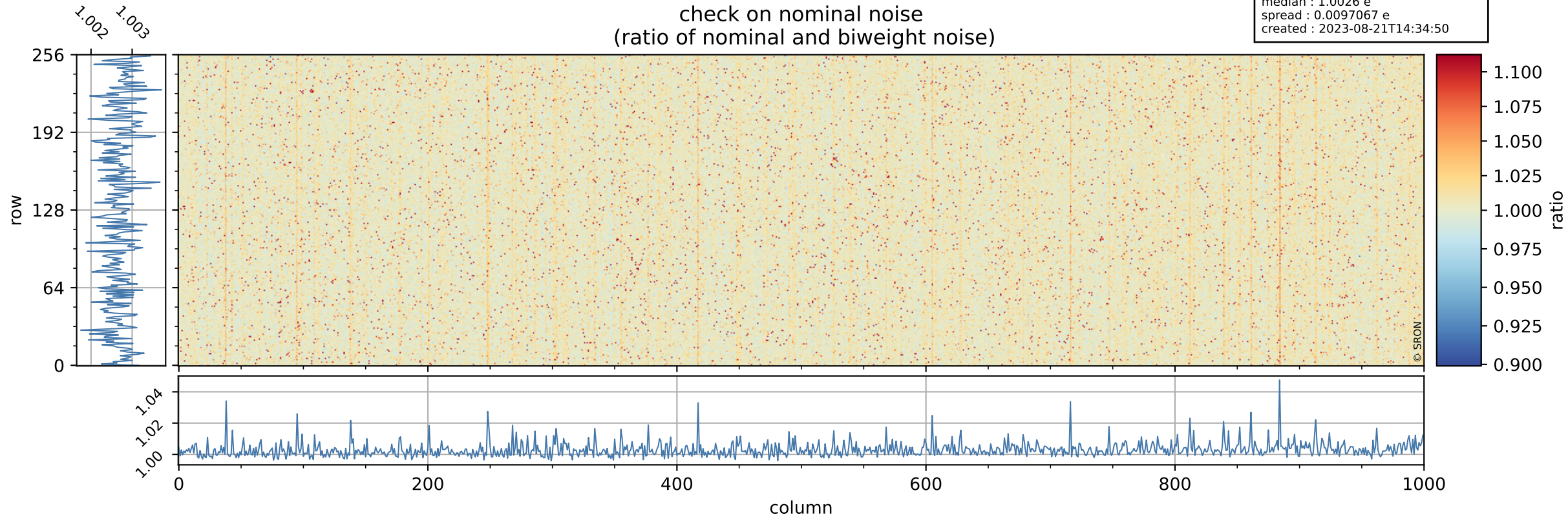
orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
median : 0.99856 e
spread : 0.0062076 e
created : 2023-08-21T14:34:49



Tropomi SWIR background noise (swir)

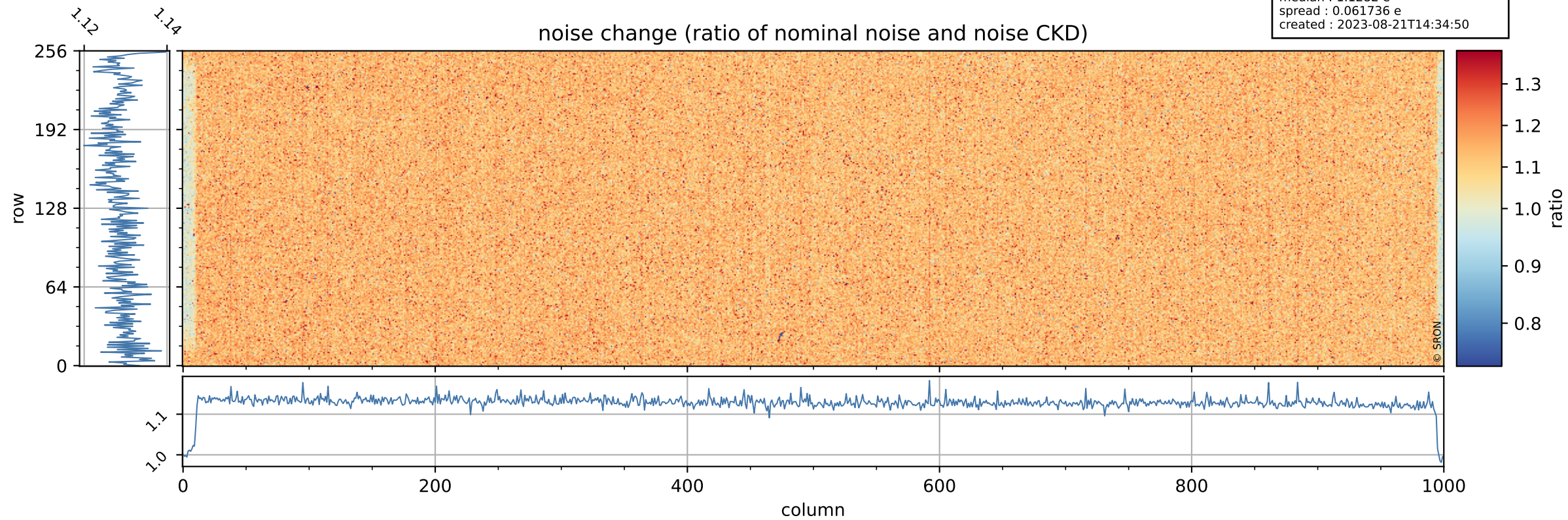
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
median : 1.0026 e
spread : 0.0097067 e
created : 2023-08-21T14:34:50



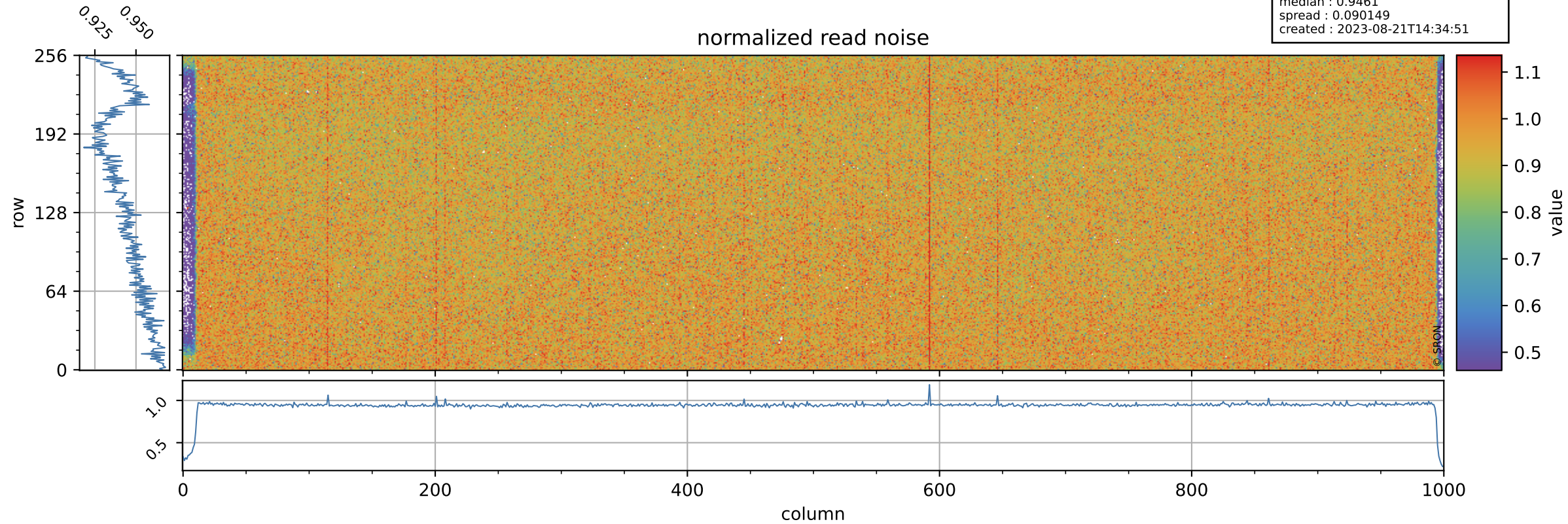
Tropomi SWIR background noise (swir)

orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
median : 1.1282 e
spread : 0.061736 e
created : 2023-08-21T14:34:50



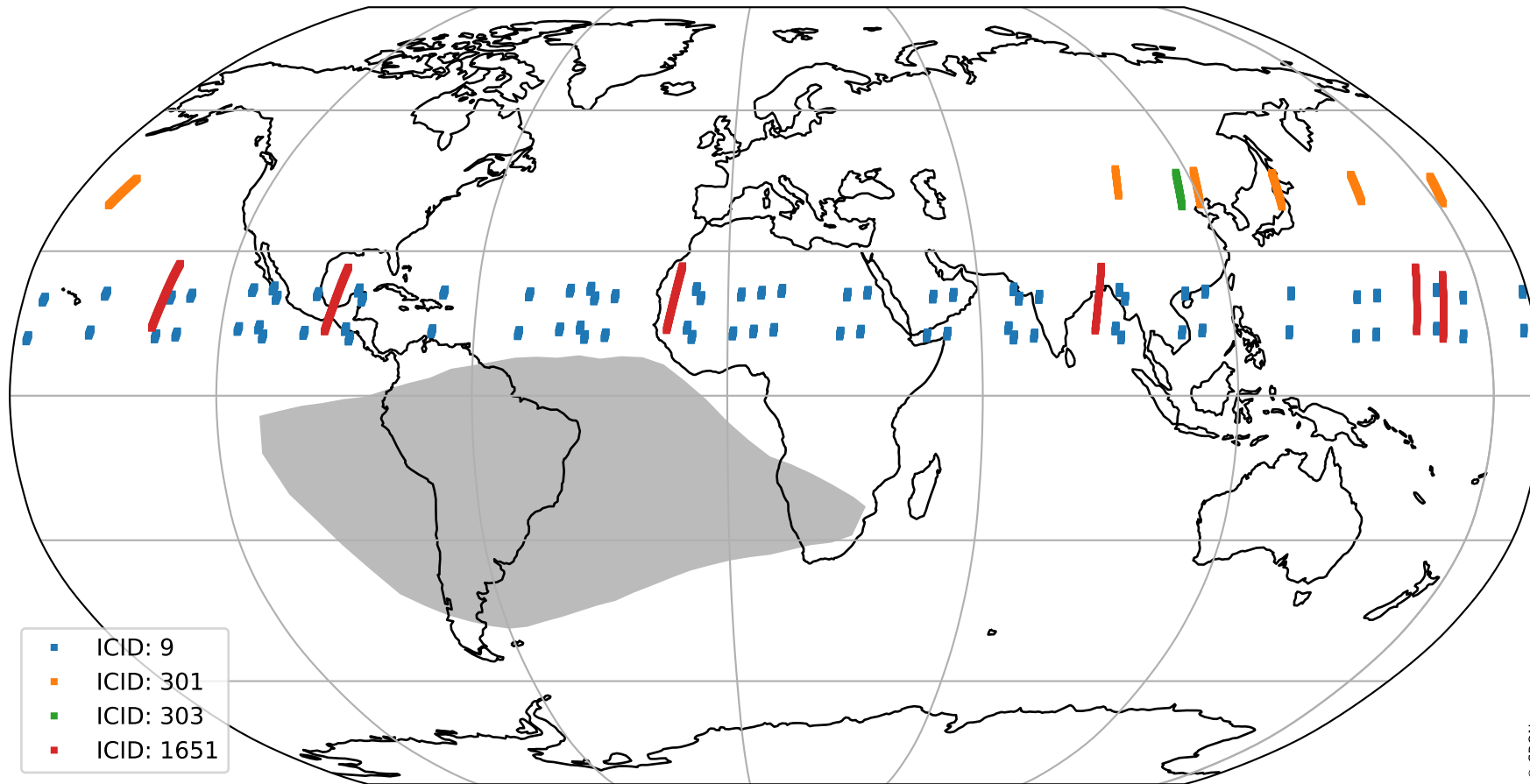
Tropomi SWIR background noise (swir)

orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
median : 0.9461
spread : 0.090149
created : 2023-08-21T14:34:51



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

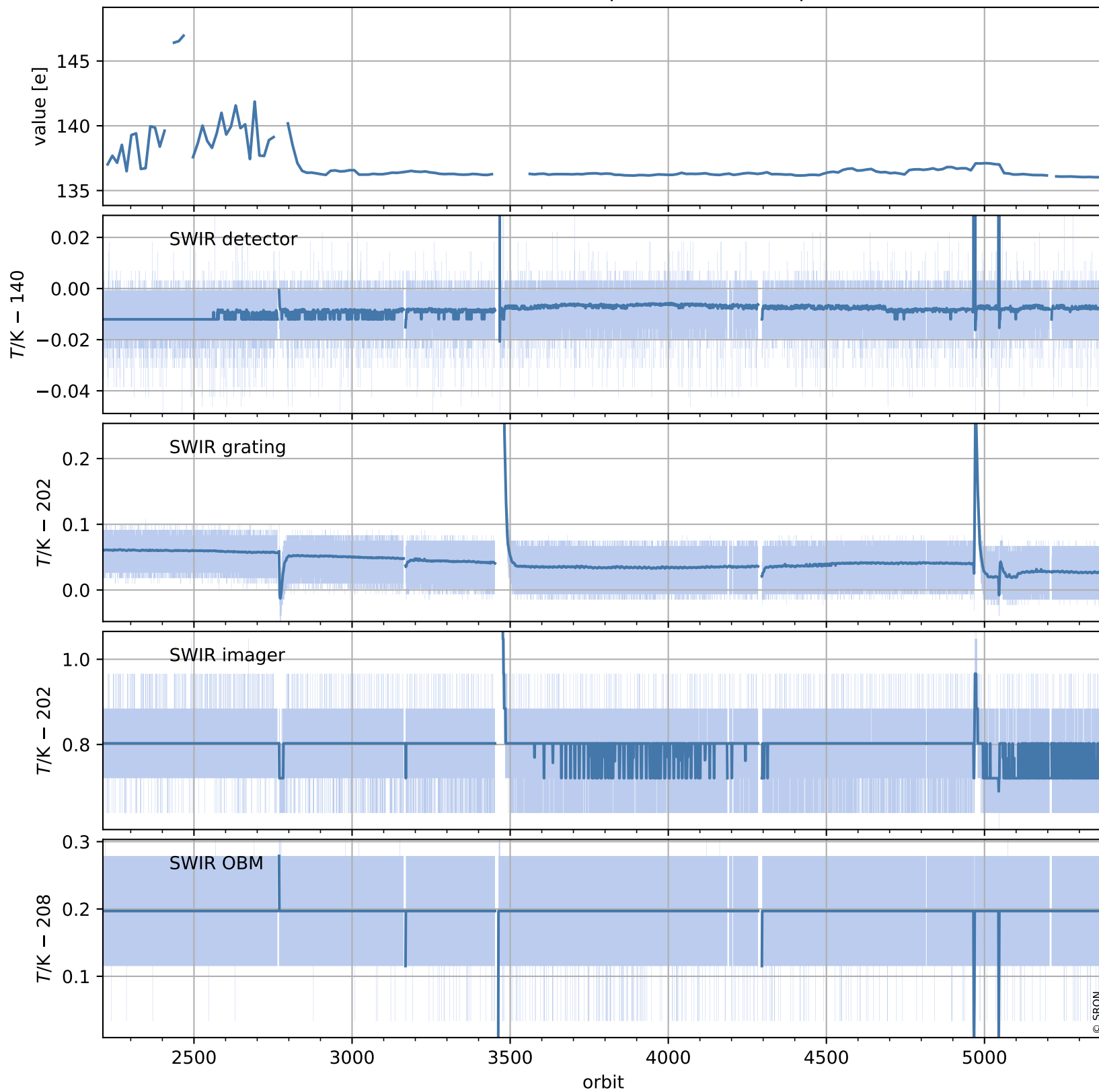
orbits : 13 in [5287, 5377]
coverage : 2018-10-21 / 2018-10-27
created : 2023-08-21T14:34:51



Tropomi SWIR background noise (swir)

orbits : [2212, 5377]
coverage : 2018-03-18 / 2018-10-27
created : 2023-08-21T14:34:52

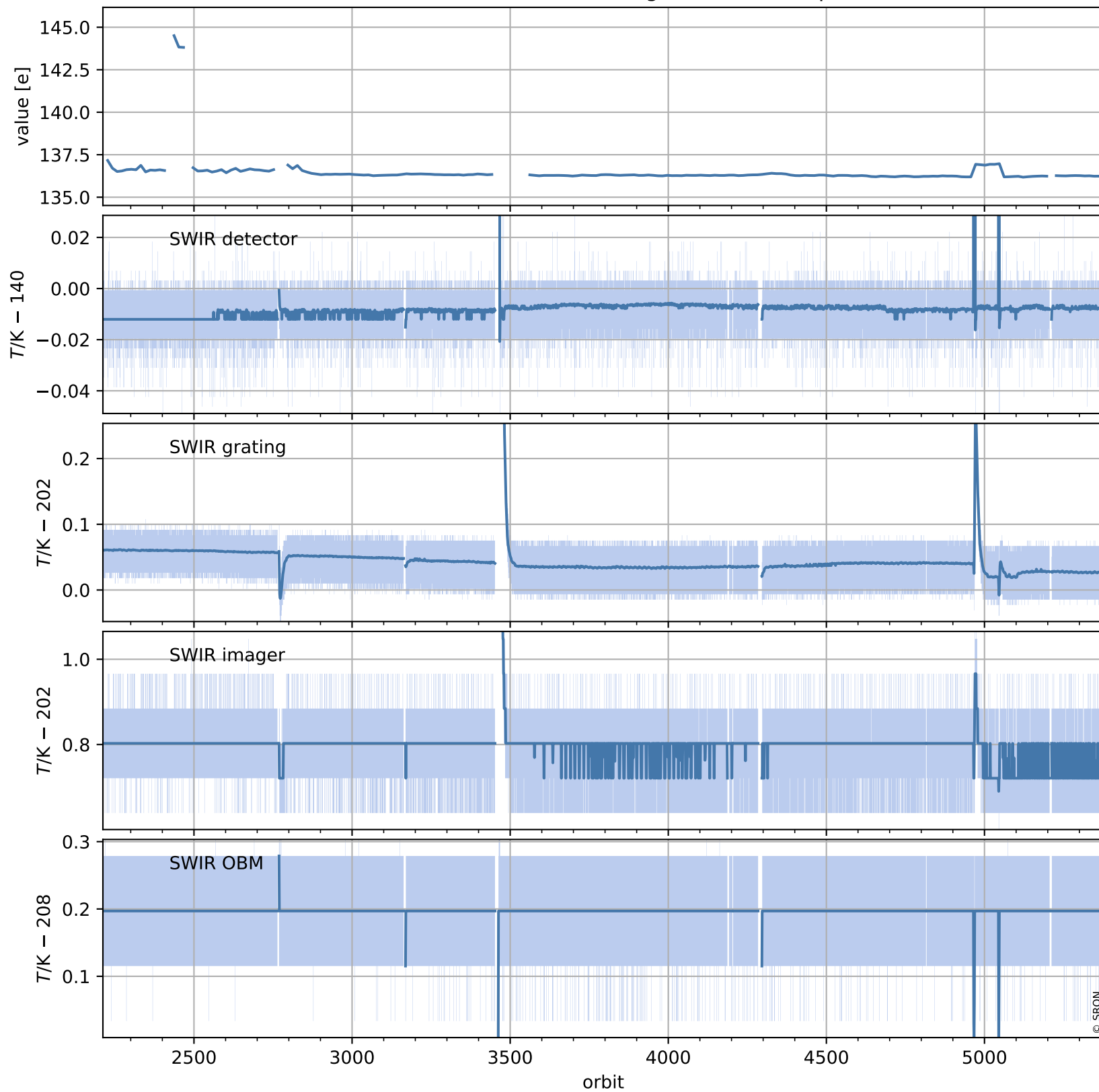
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5377]
coverage : 2018-03-18 / 2018-10-27
created : 2023-08-21T14:34:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5377]
coverage : 2018-03-18 / 2018-10-27
created : 2023-08-21T14:34:53

trend of normalized read-noise & temperatures

