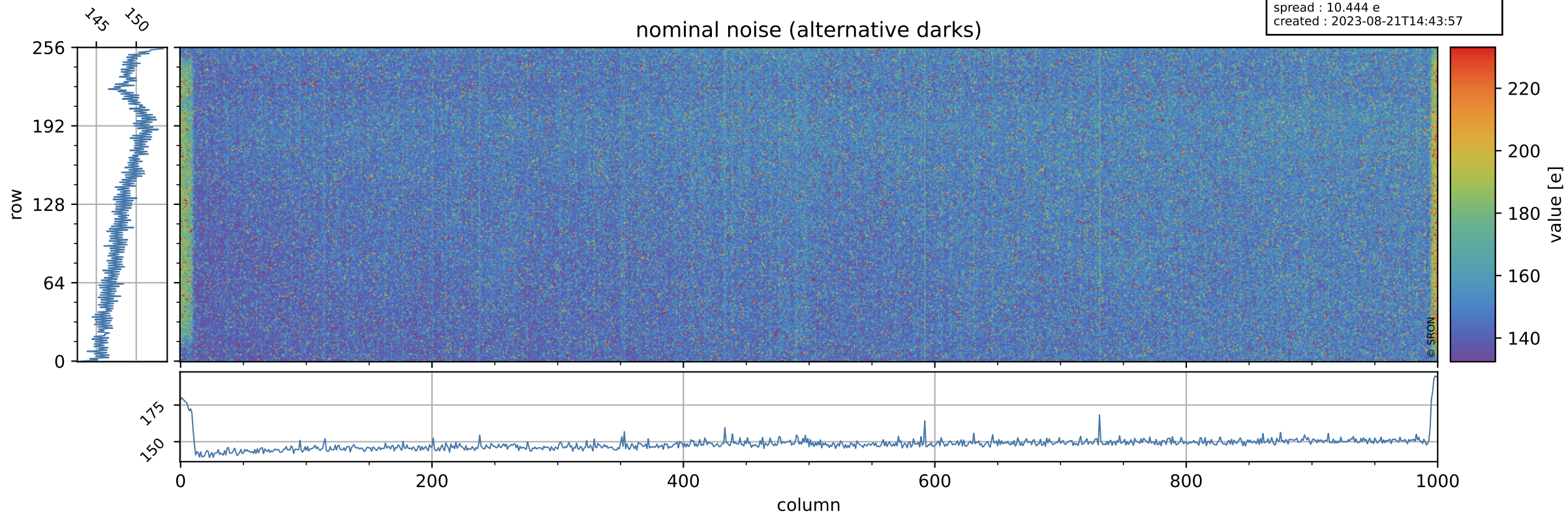


Tropomi SWIR background noise (swir)

orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.444 e
created : 2023-08-21T14:43:57

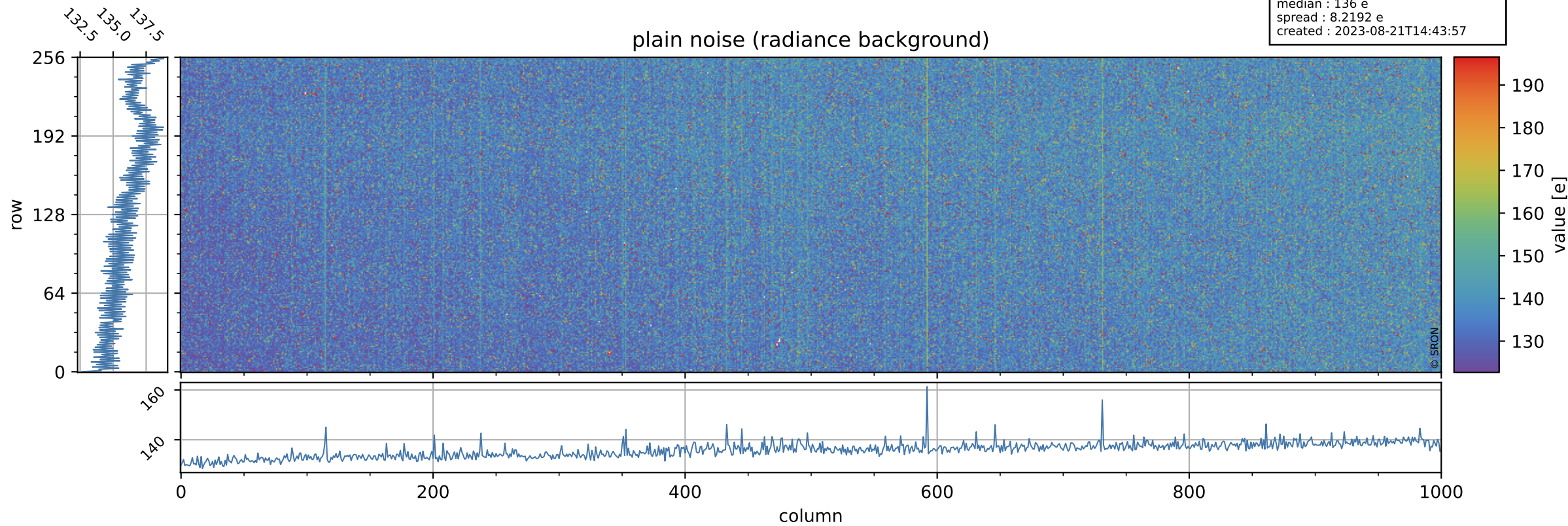
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2192 e
created : 2023-08-21T14:43:57

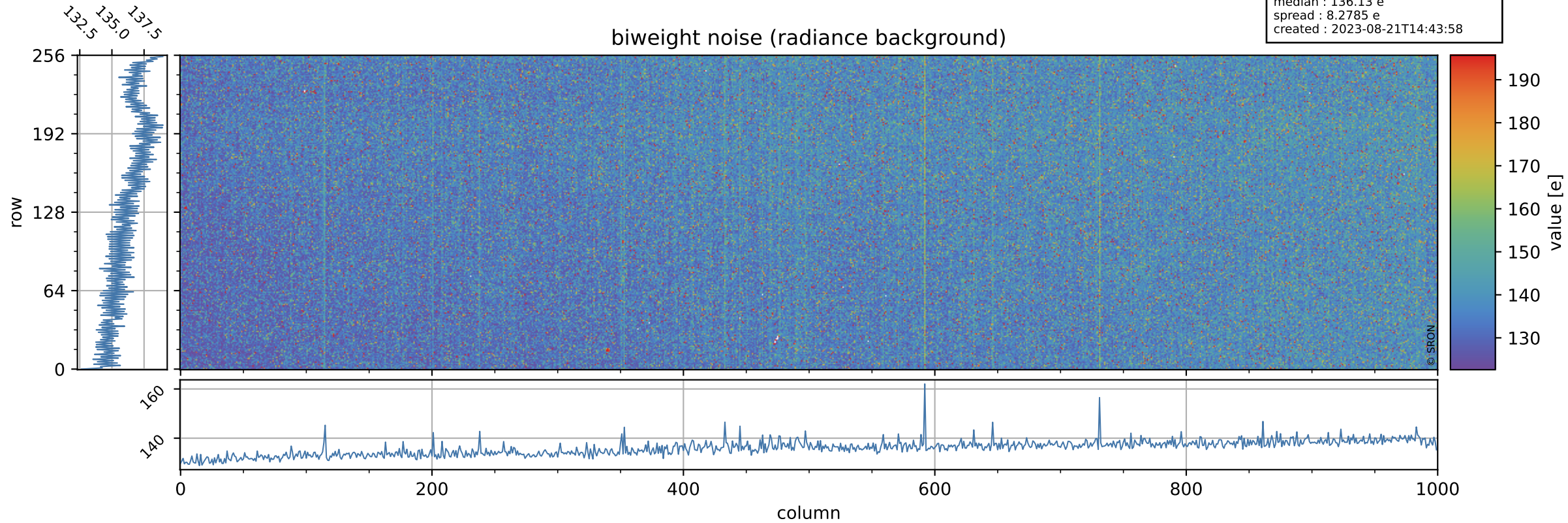
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.2785 e
created : 2023-08-21T14:43:58

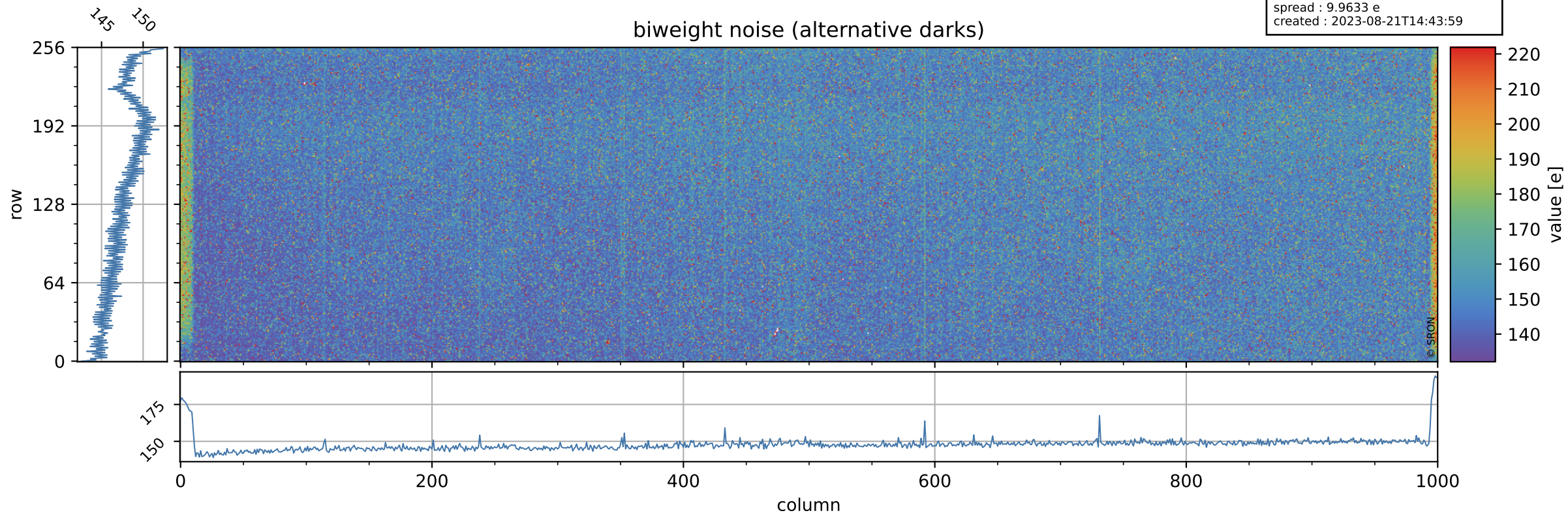
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9633 e
created : 2023-08-21T14:43:59

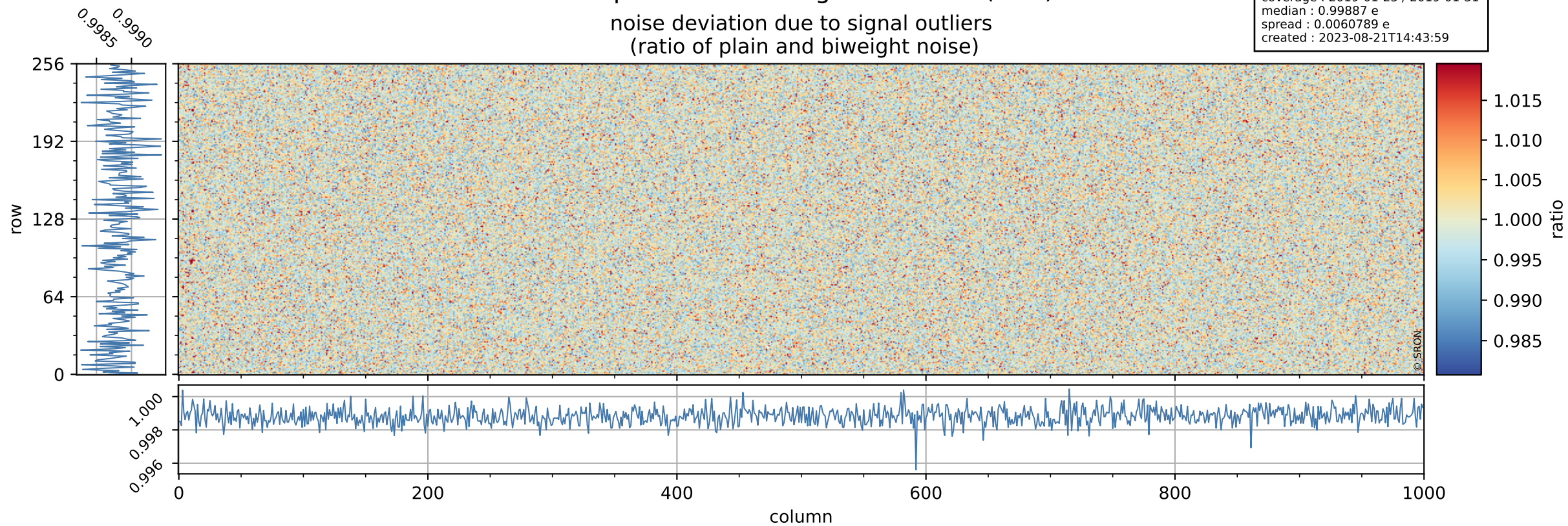
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

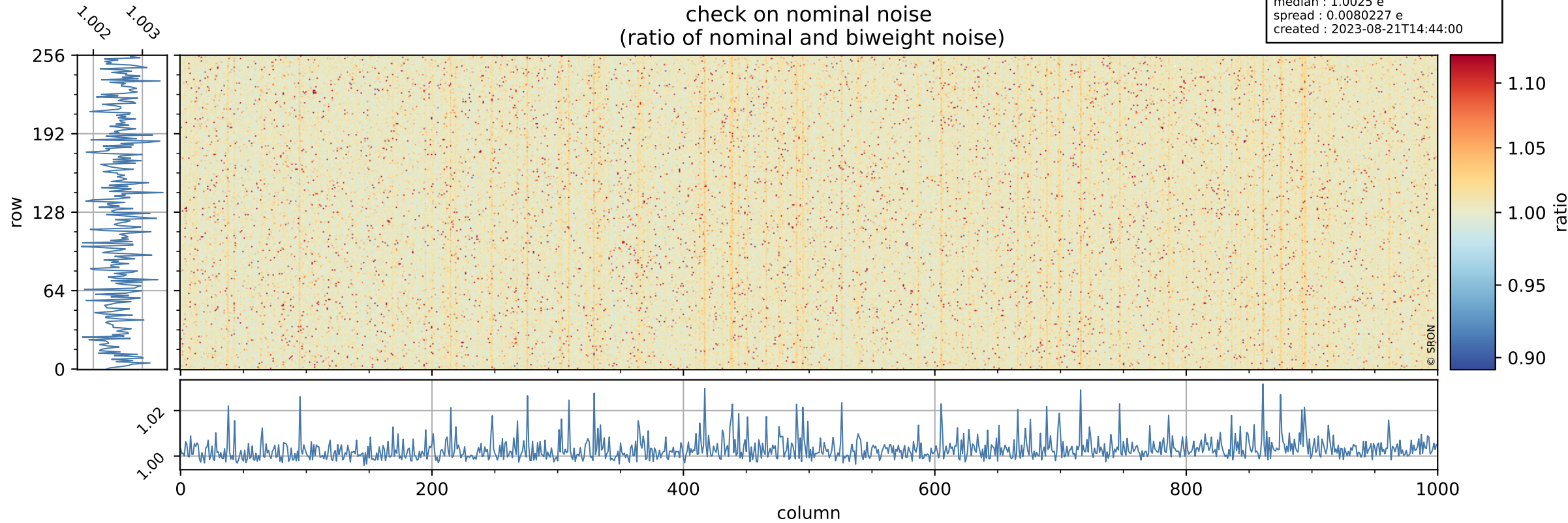
orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
median : 0.99887 e
spread : 0.0060789 e
created : 2023-08-21T14:43:59



Tropomi SWIR background noise (swir)

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

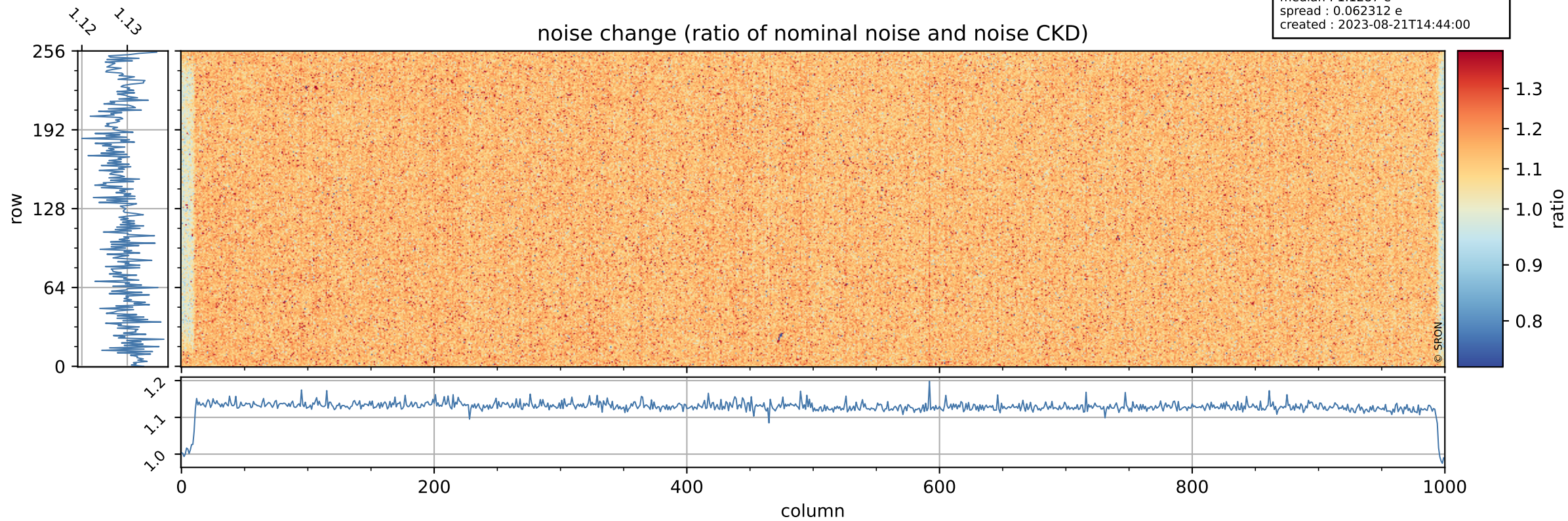
orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
median : 1.0025 e
spread : 0.0080227 e
created : 2023-08-21T14:44:00



Tropomi SWIR background noise (swir)

orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
median : 1.1287 e
spread : 0.062312 e
created : 2023-08-21T14:44:00

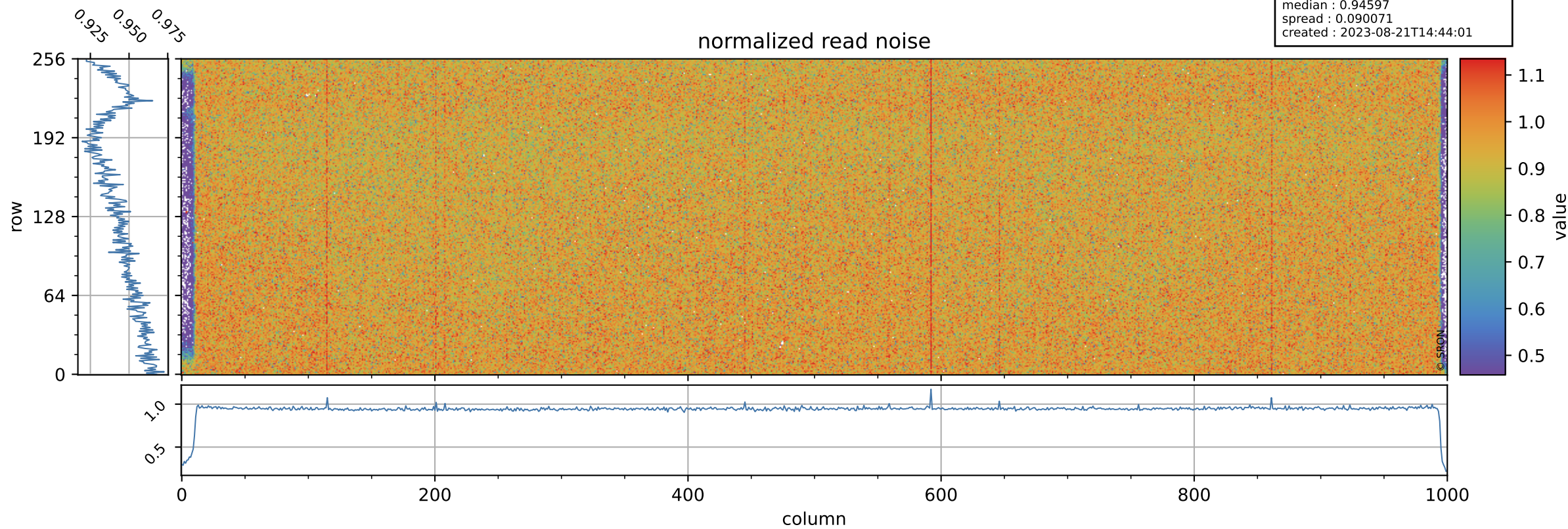
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

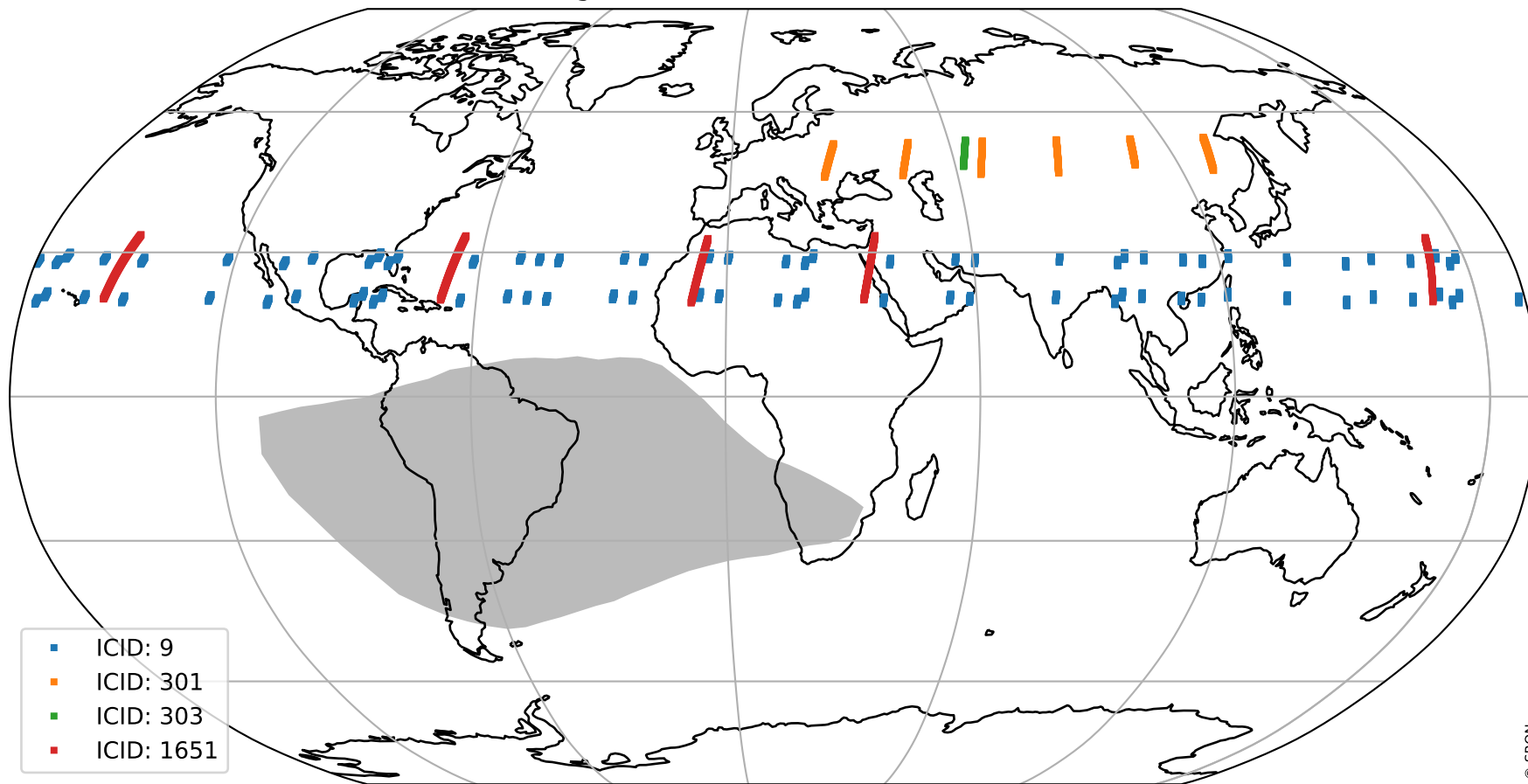
orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
median : 0.94597
spread : 0.090071
created : 2023-08-21T14:44:01

normalized read noise



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

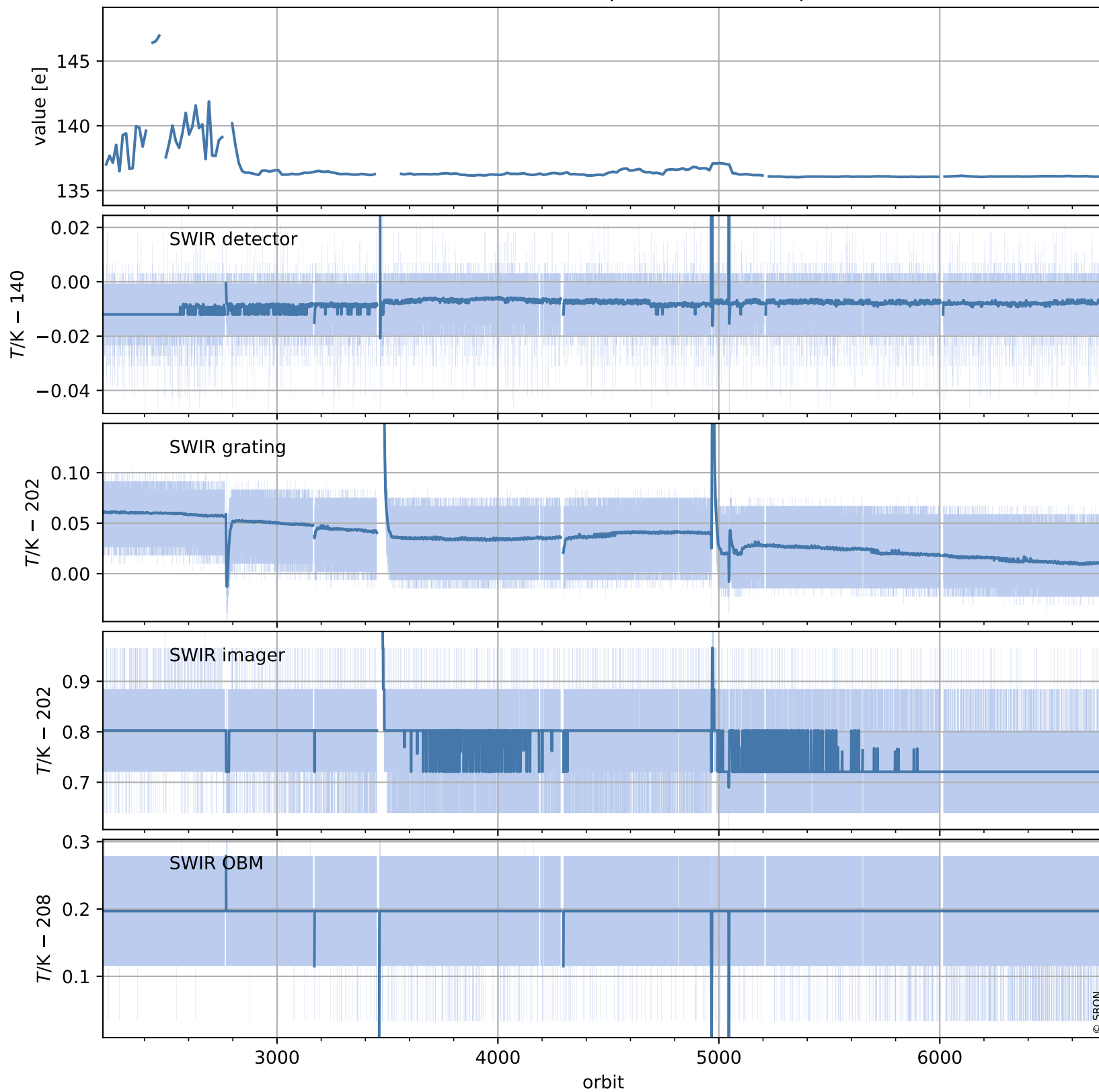
orbits : 12 in [6652, 6742]
coverage : 2019-01-25 / 2019-01-31
created : 2023-08-21T14:44:01



Tropomi SWIR background noise (swir)

orbits : [2212, 6742]
coverage : 2018-03-18 / 2019-01-31
created : 2023-08-21T14:44:02

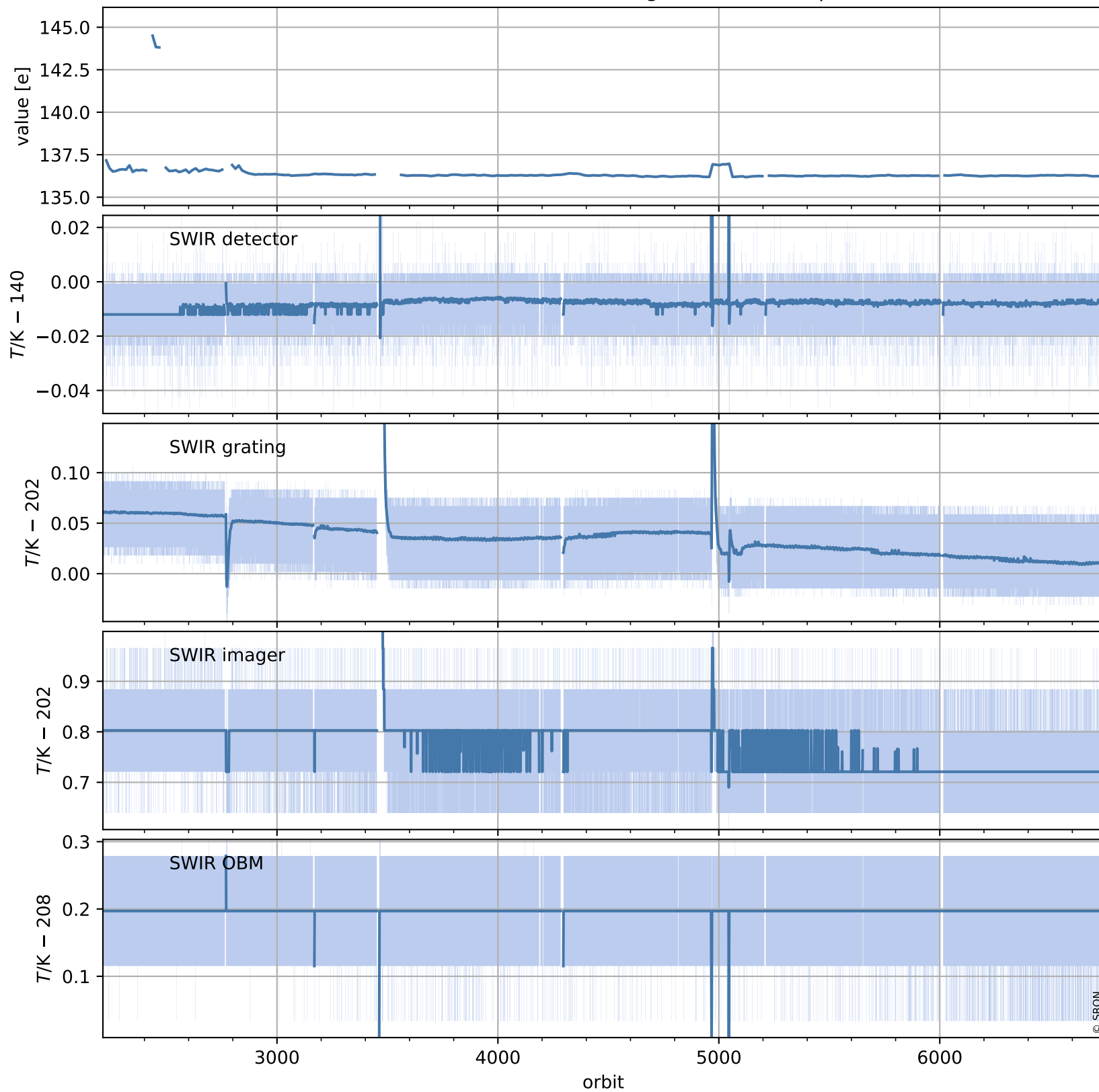
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6742]
coverage : 2018-03-18 / 2019-01-31
created : 2023-08-21T14:44:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6742]
coverage : 2018-03-18 / 2019-01-31
created : 2023-08-21T14:44:03

trend of normalized read-noise & temperatures

