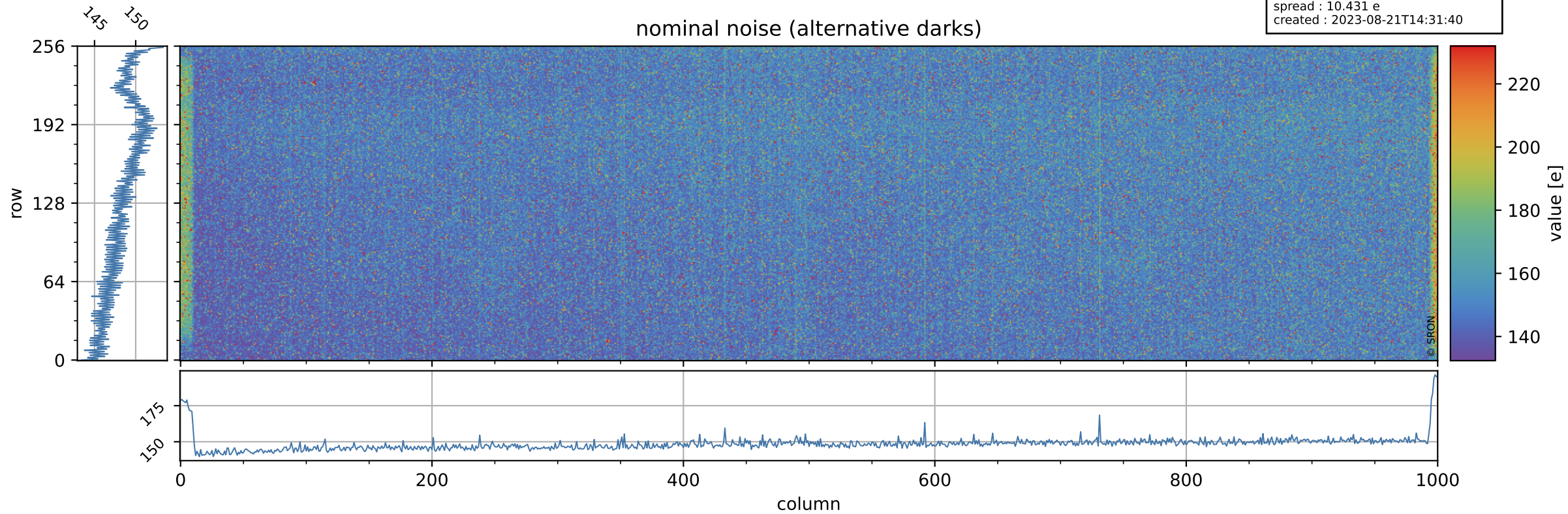


Tropomi SWIR background noise (swir)

orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.431 e
created : 2023-08-21T14:31:40

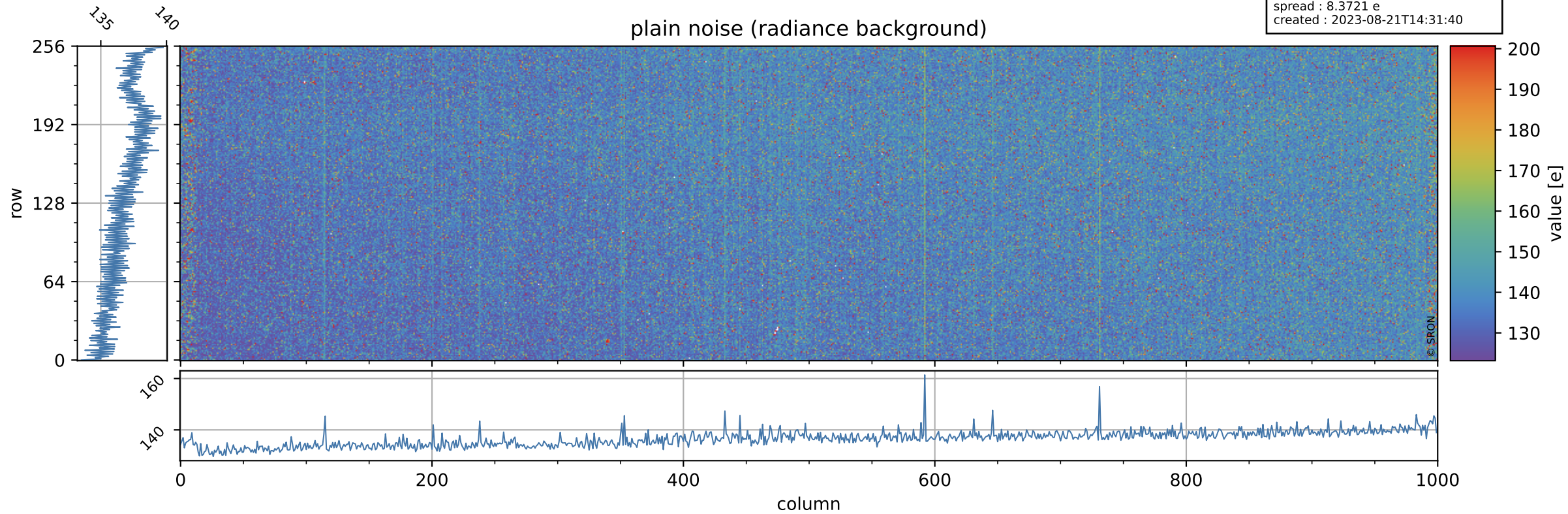
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
n_coad, t_exp : 2, 0.5383
median : 136.7 e
spread : 8.3721 e
created : 2023-08-21T14:31:40

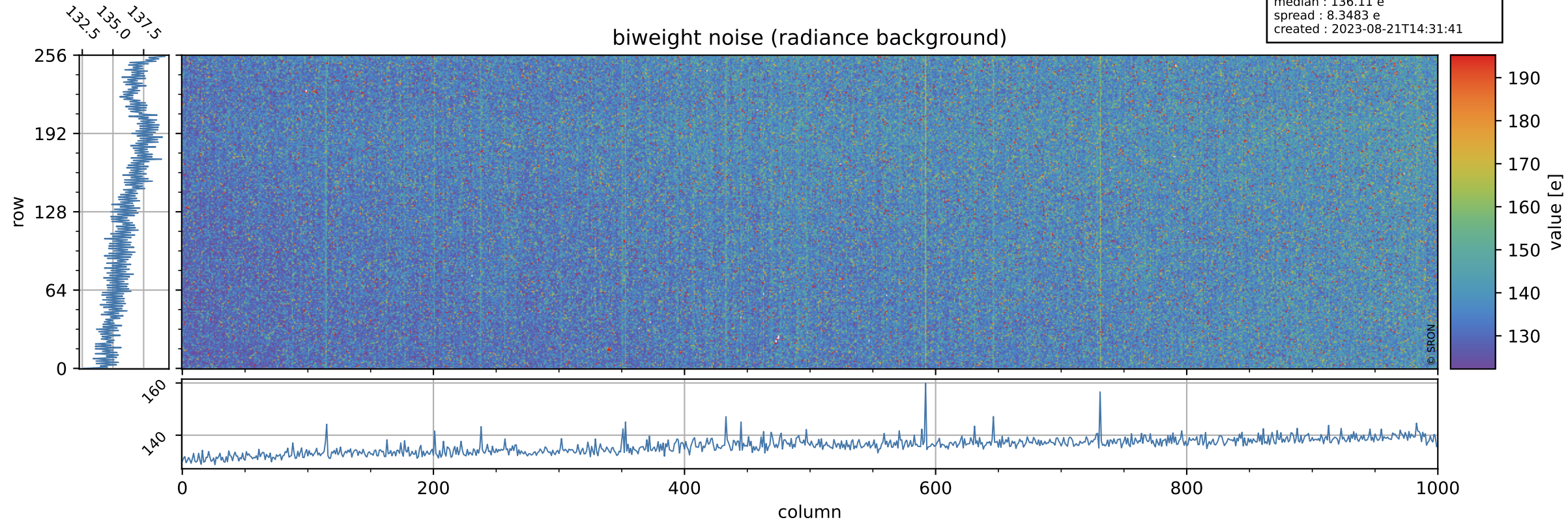
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.3483 e
created : 2023-08-21T14:31:41

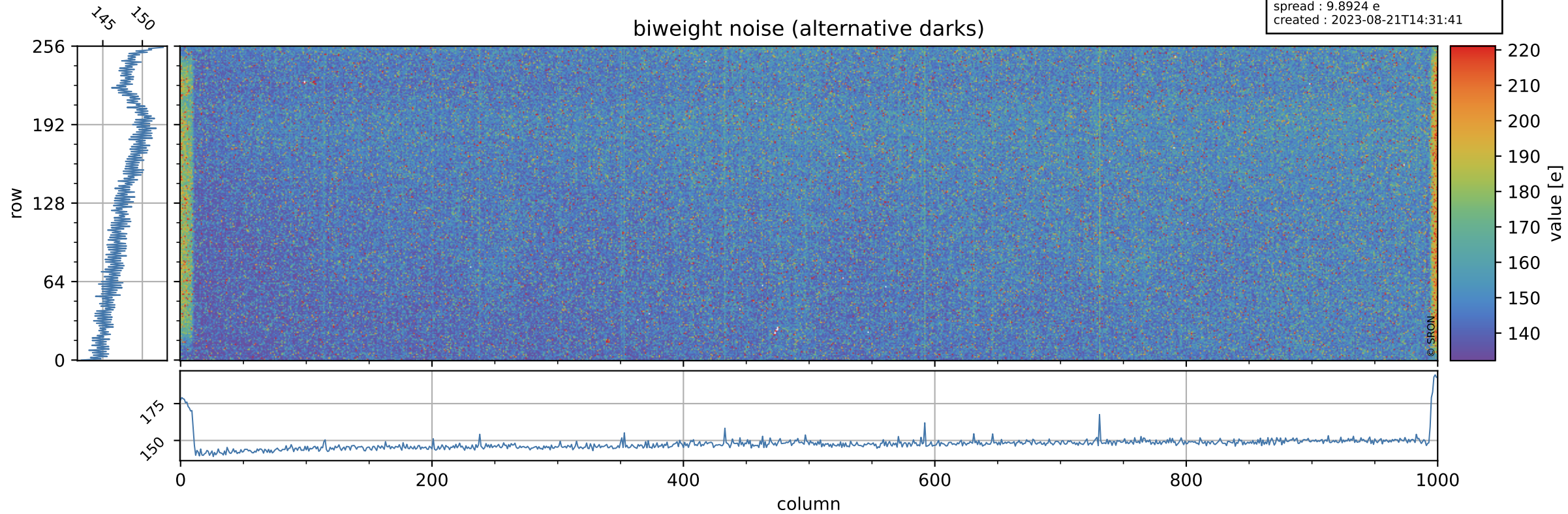
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8924 e
created : 2023-08-21T14:31:41

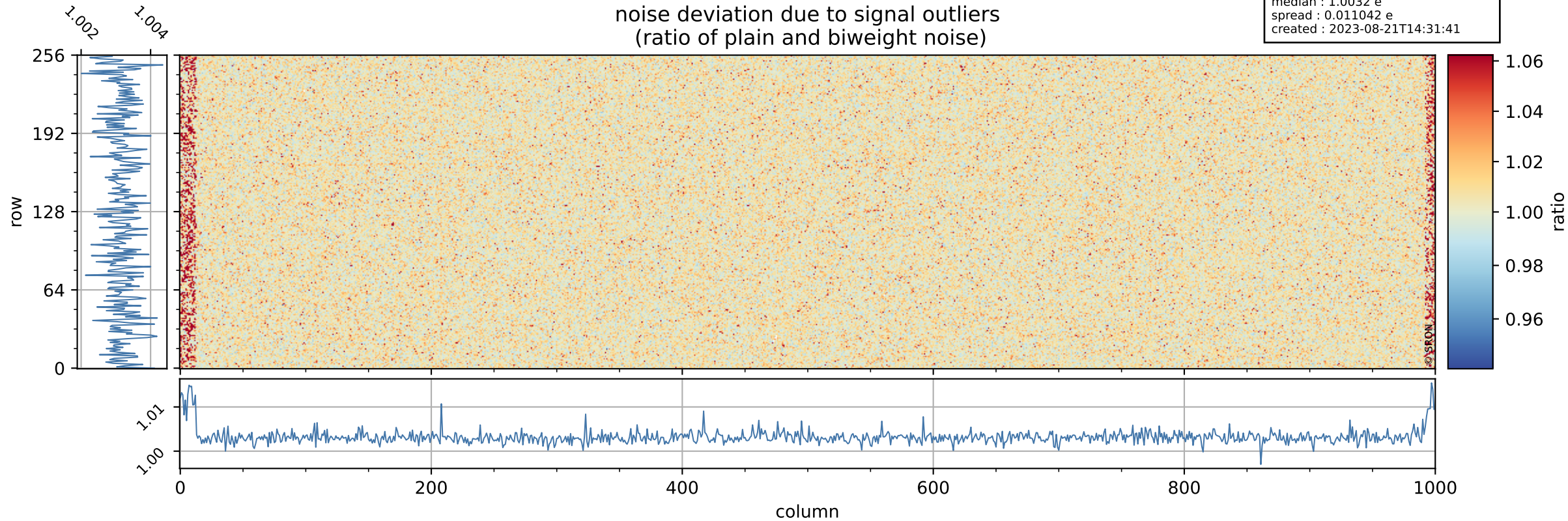
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

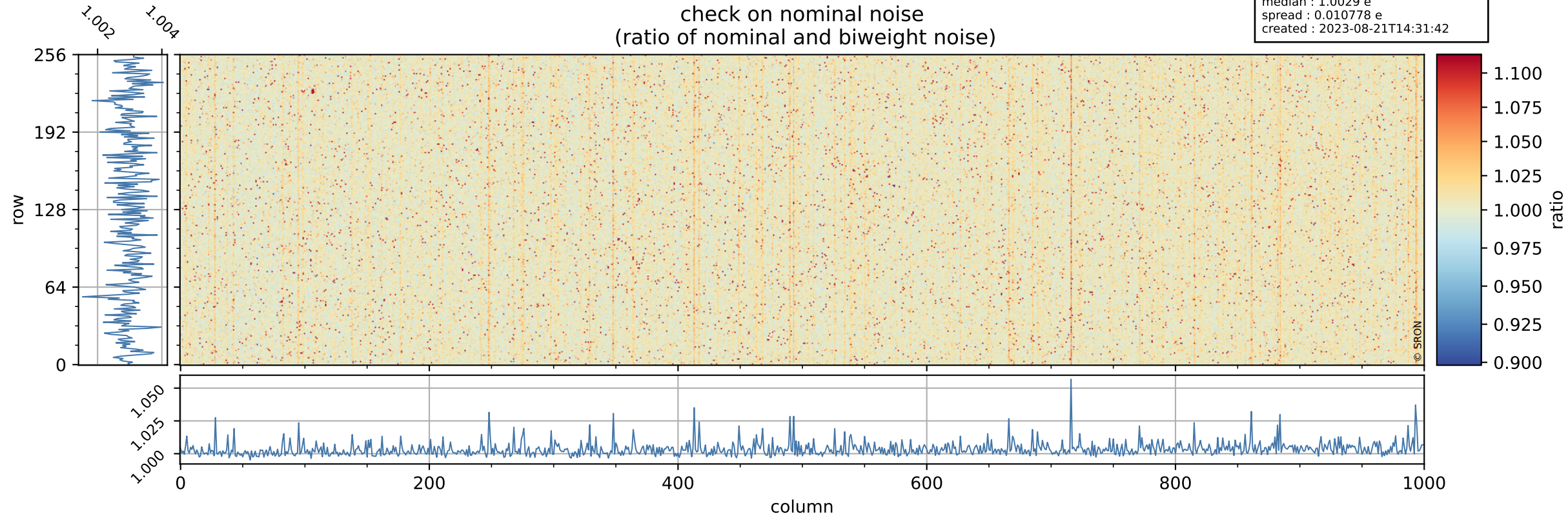
orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
median : 1.0032 e
spread : 0.011042 e
created : 2023-08-21T14:31:41



Tropomi SWIR background noise (swir)

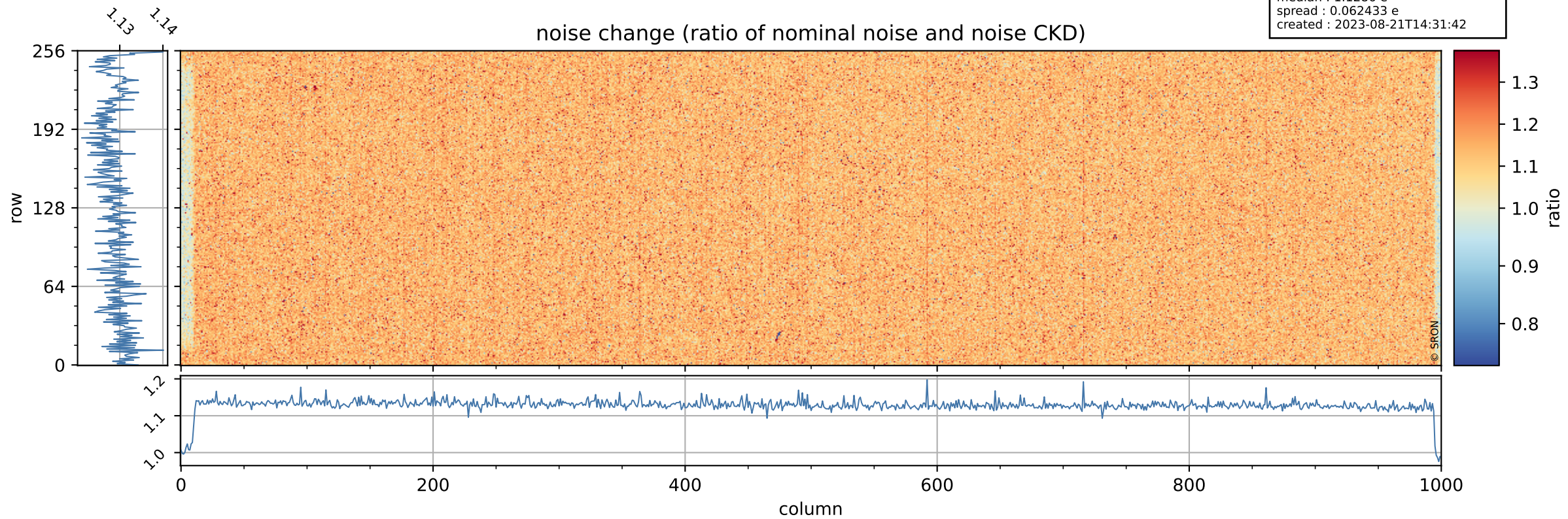
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
median : 1.0029 e
spread : 0.010778 e
created : 2023-08-21T14:31:42



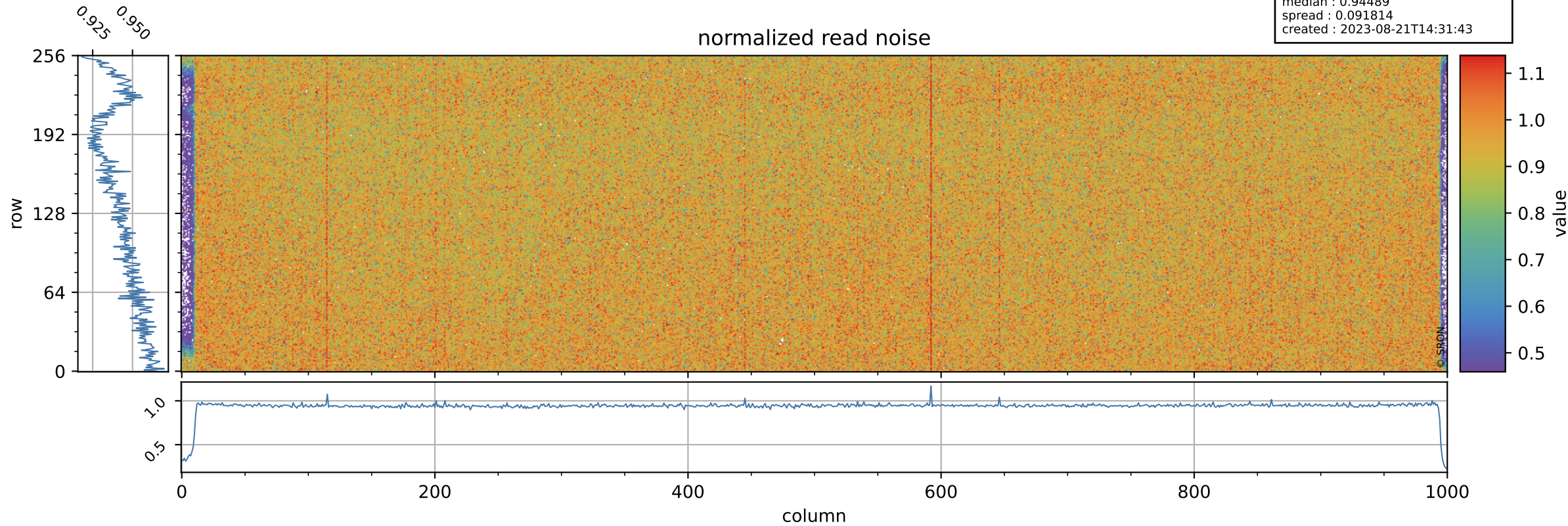
Tropomi SWIR background noise (swir)

orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
median : 1.1286 e
spread : 0.062433 e
created : 2023-08-21T14:31:42



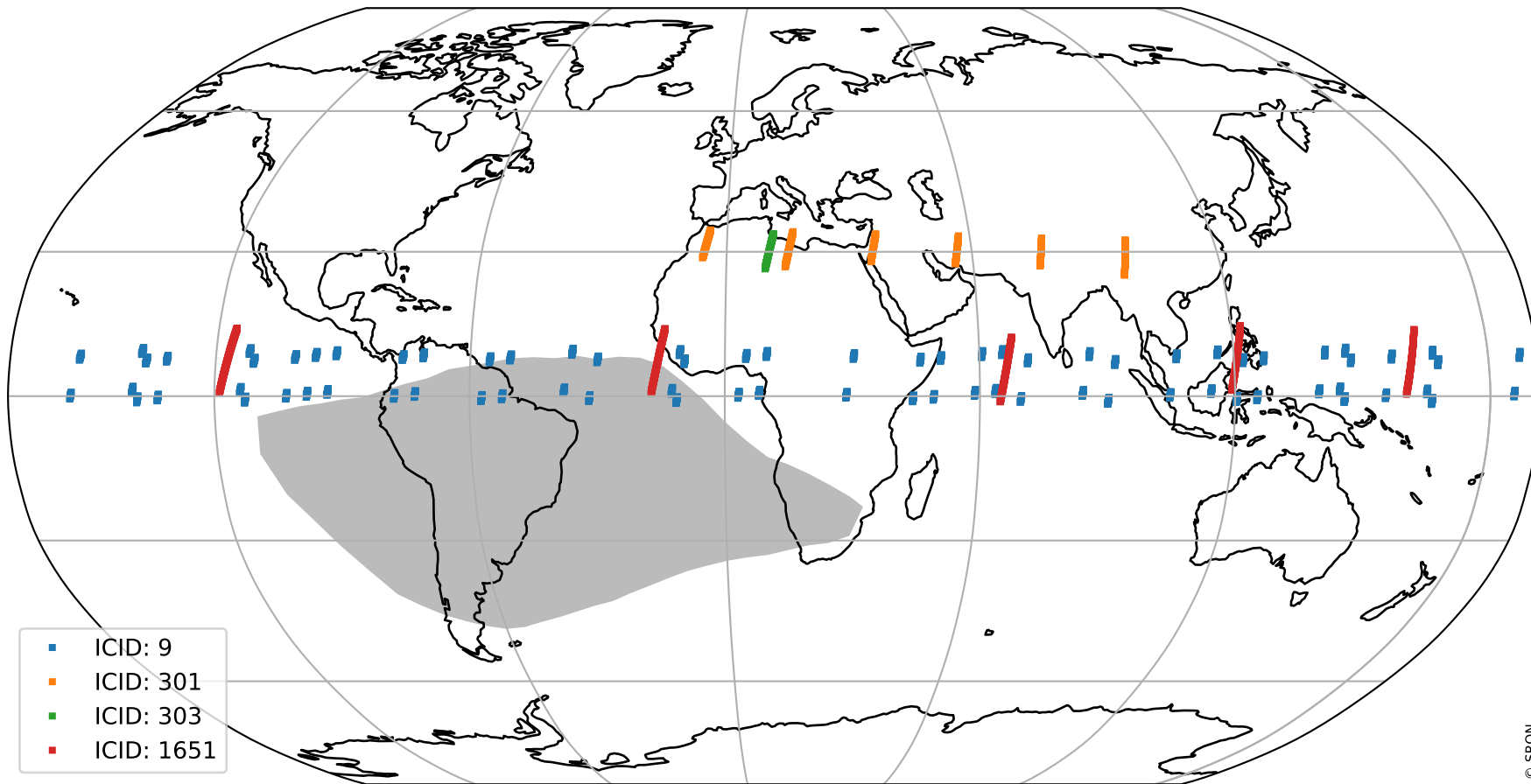
Tropomi SWIR background noise (swir)

orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
median : 0.94489
spread : 0.091814
created : 2023-08-21T14:31:43



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

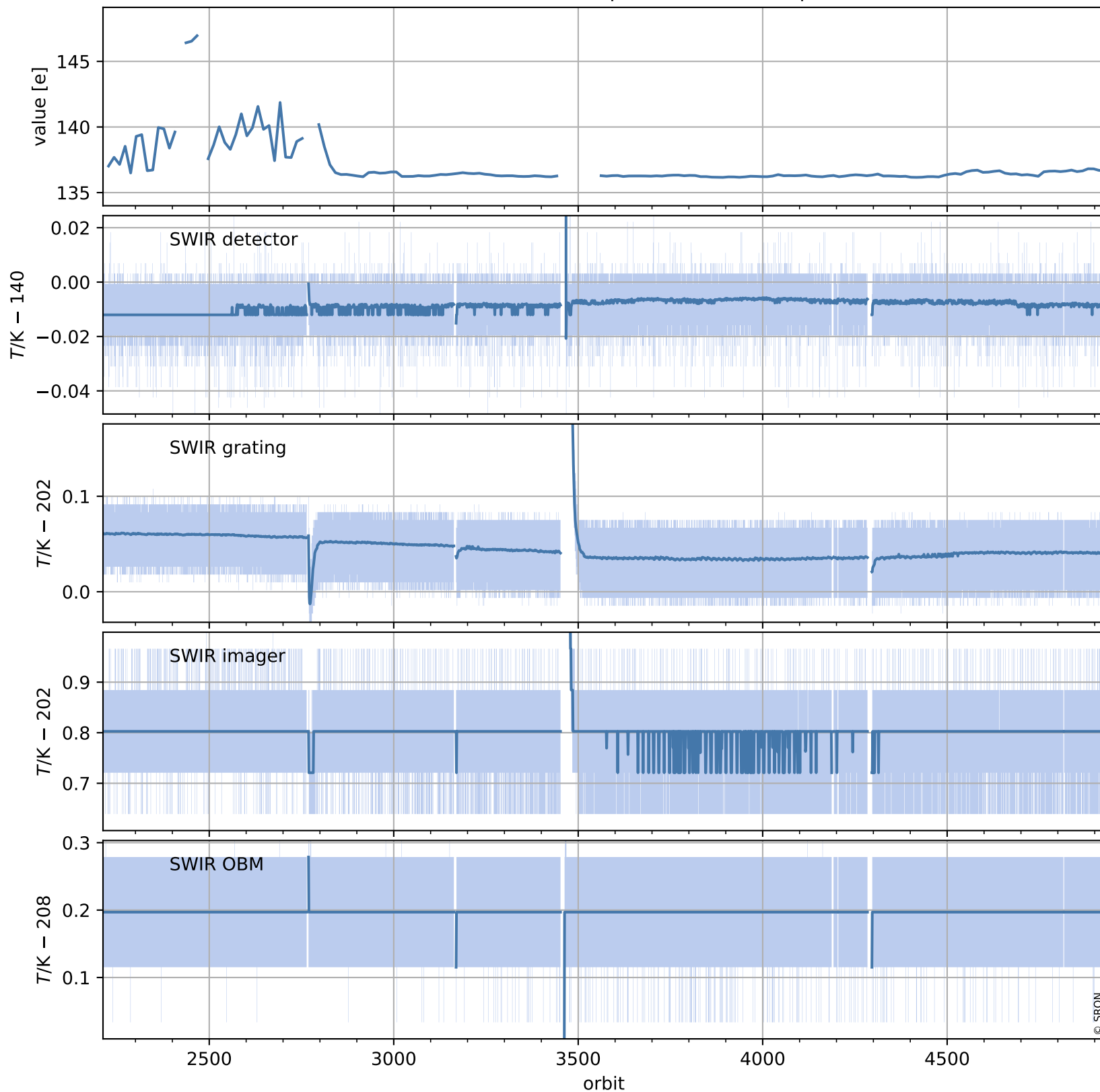
orbits : 12 in [4837, 4927]
coverage : 2018-09-19 / 2018-09-25
created : 2023-08-21T14:31:43



Tropomi SWIR background noise (swir)

orbits : [2212, 4927]
coverage : 2018-03-18 / 2018-09-25
created : 2023-08-21T14:31:43

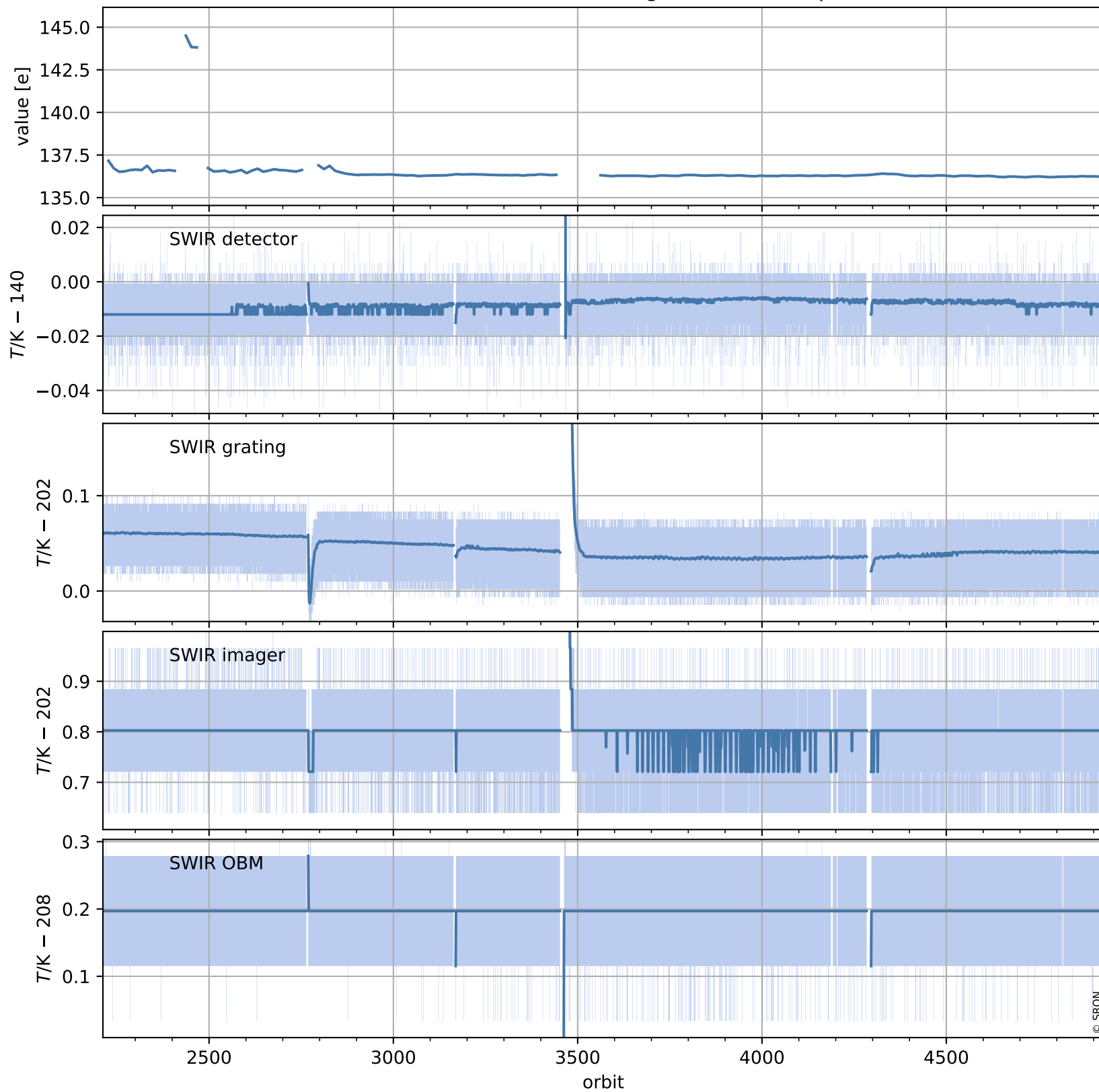
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4927]
coverage : 2018-03-18 / 2018-09-25
created : 2023-08-21T14:31:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4927]
coverage : 2018-03-18 / 2018-09-25
created : 2023-08-21T14:31:44

trend of normalized read-noise & temperatures

