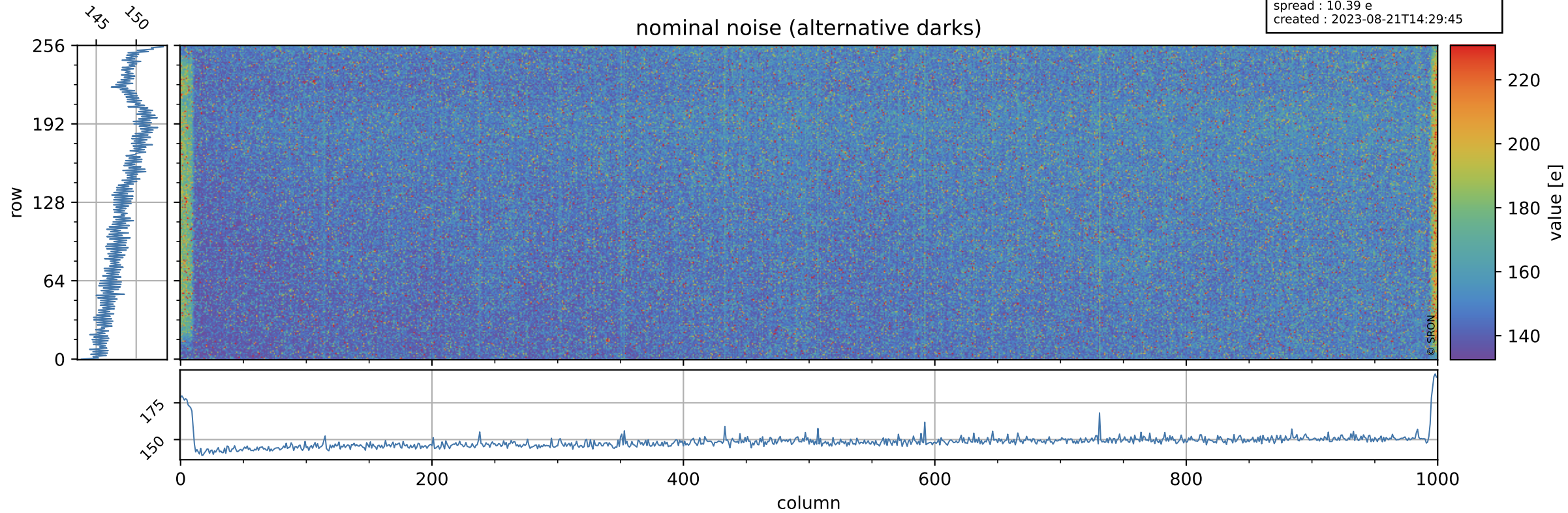


Tropomi SWIR background noise (swir)

orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.39 e
created : 2023-08-21T14:29:45

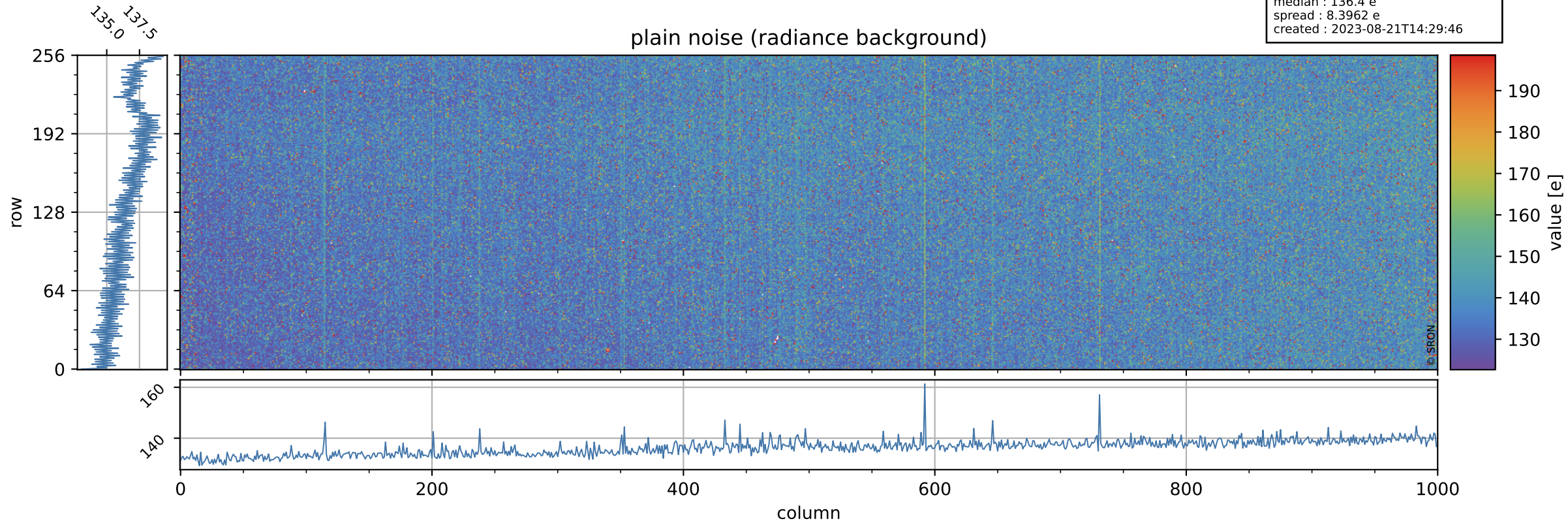
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
n_coad, t_exp : 2, 0.5383
median : 136.4 e
spread : 8.3962 e
created : 2023-08-21T14:29:46

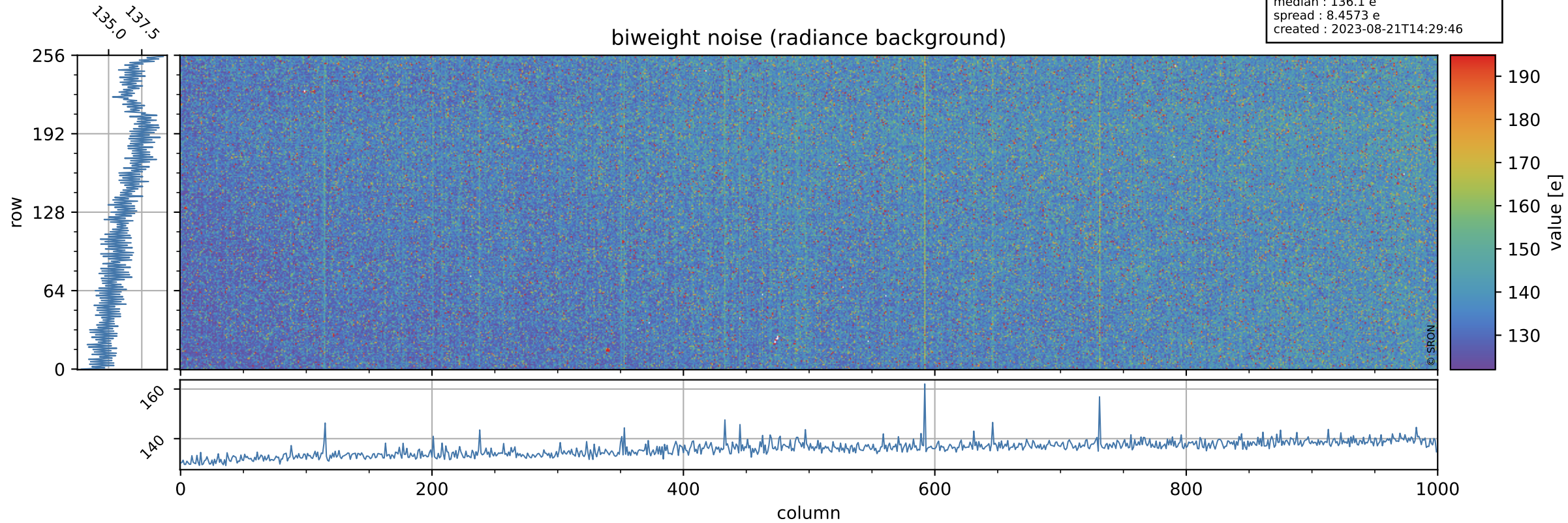
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
n_coad, t_exp : 2, 0.5383
median : 136.1 e
spread : 8.4573 e
created : 2023-08-21T14:29:46

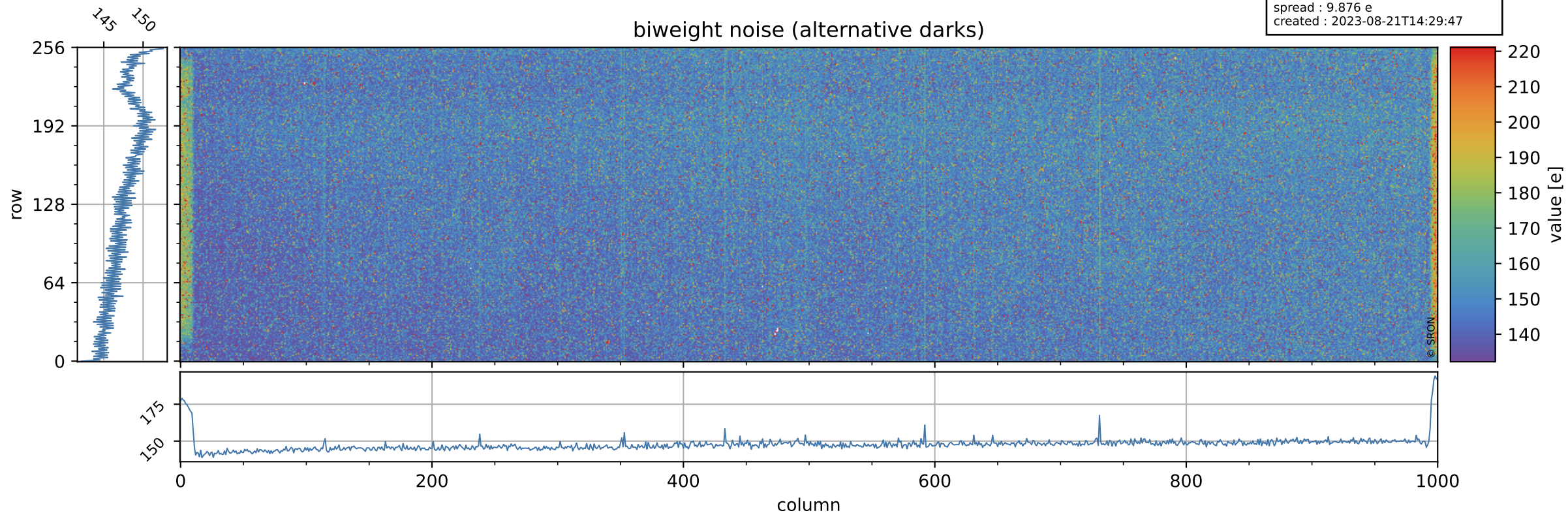
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
n_coad, t_exp : 1, 1.0783
median : 147.48 e
spread : 9.876 e
created : 2023-08-21T14:29:47

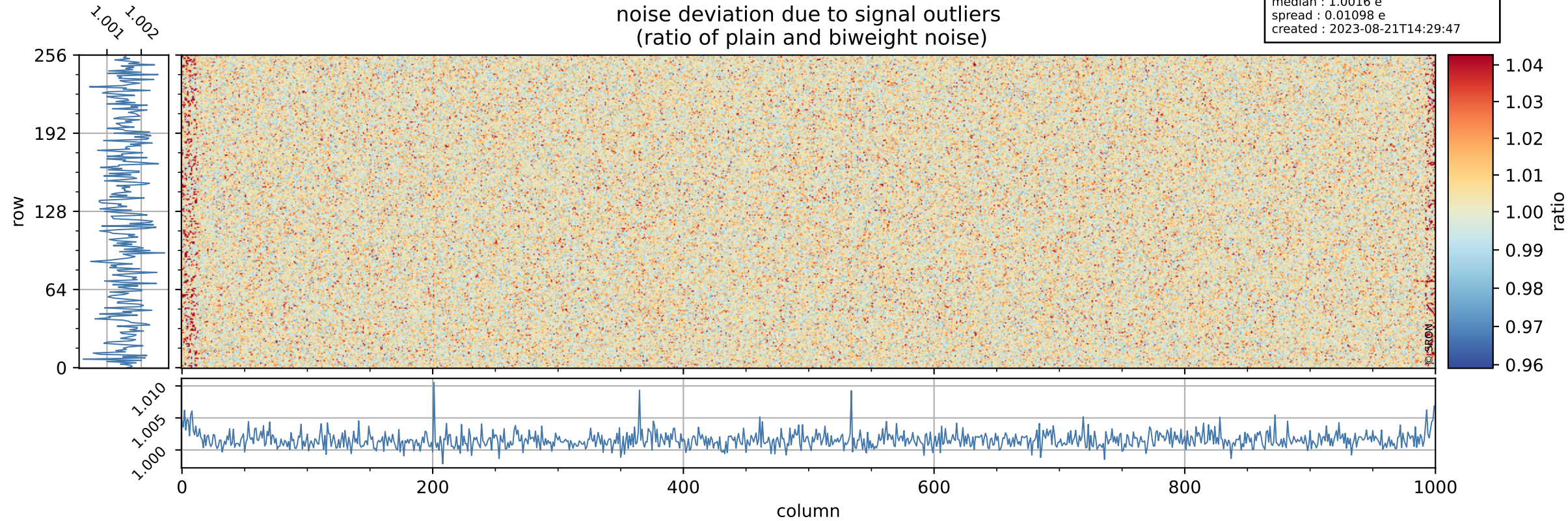
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

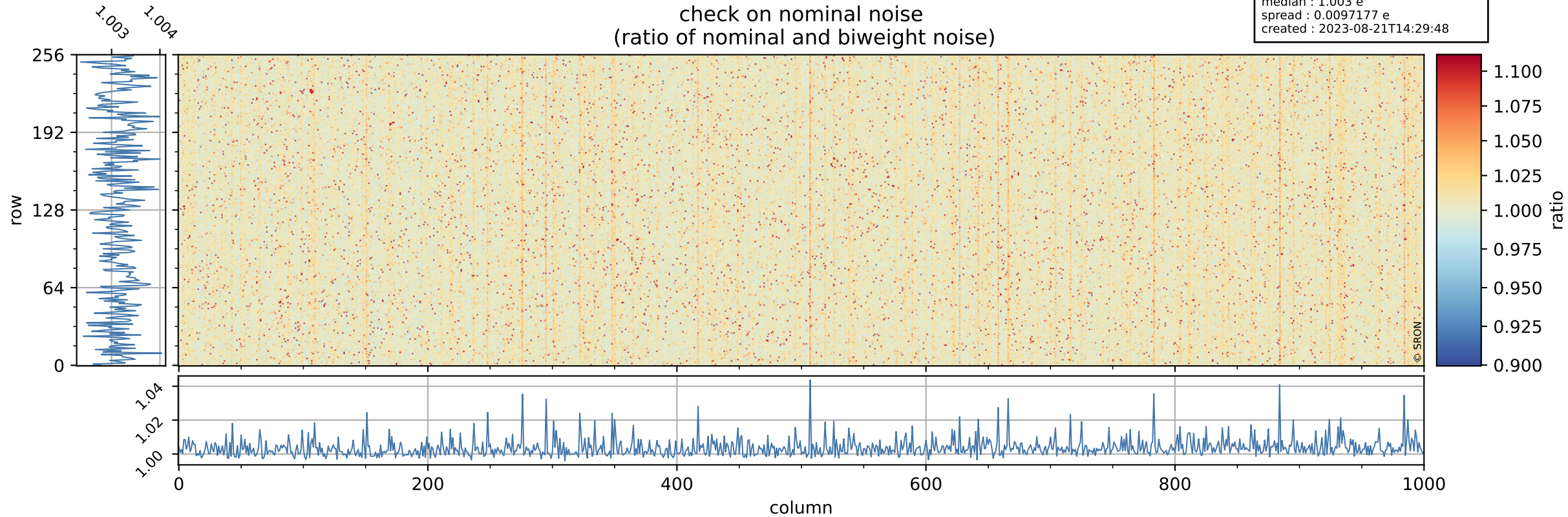
orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
median : 1.0016 e
spread : 0.01098 e
created : 2023-08-21T14:29:47



Tropomi SWIR background noise (swir)

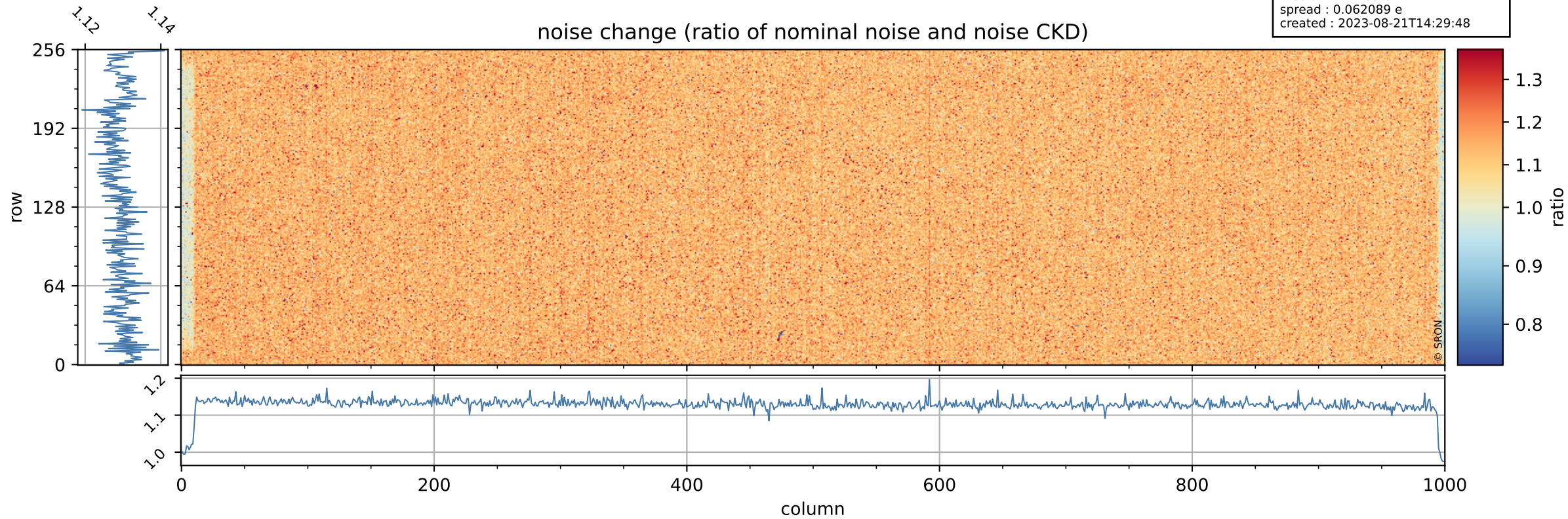
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
median : 1.003 e
spread : 0.0097177 e
created : 2023-08-21T14:29:48



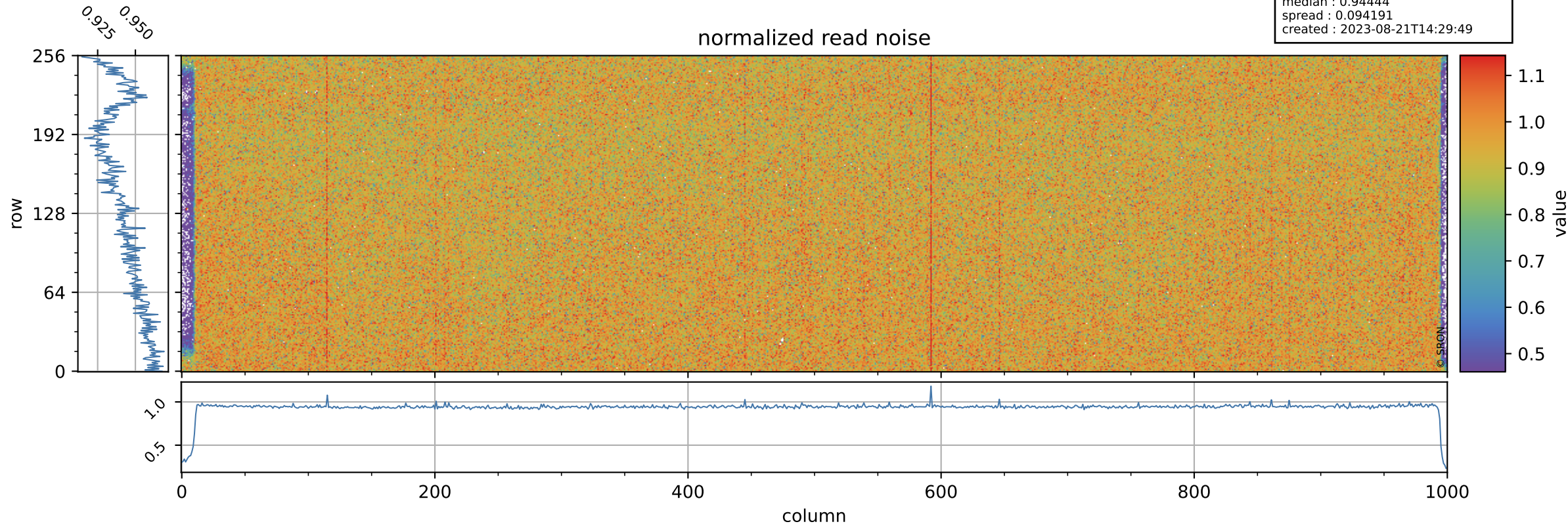
Tropomi SWIR background noise (swir)

orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
median : 1.1289 e
spread : 0.062089 e
created : 2023-08-21T14:29:48



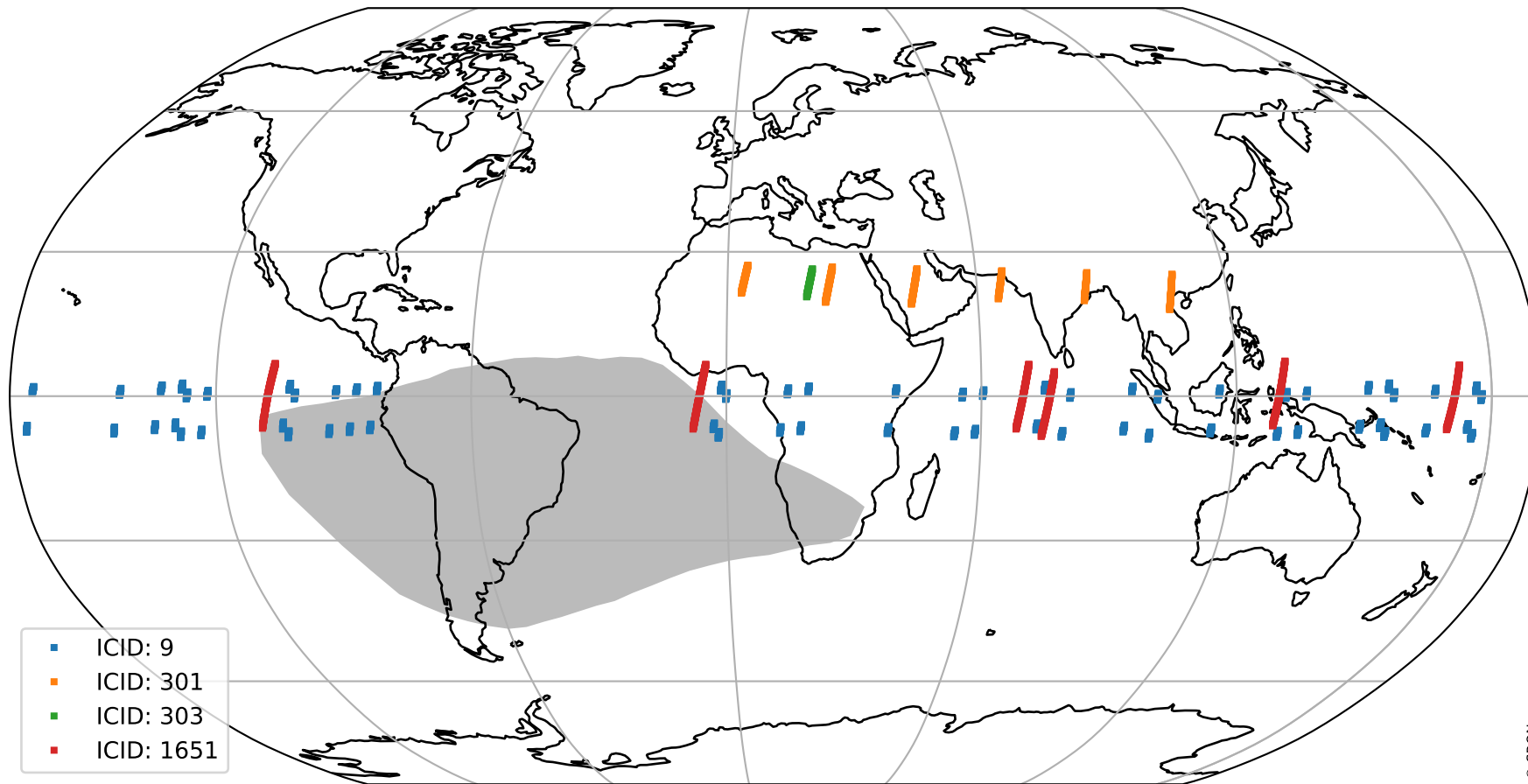
Tropomi SWIR background noise (swir)

orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
median : 0.94444
spread : 0.094191
created : 2023-08-21T14:29:49



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

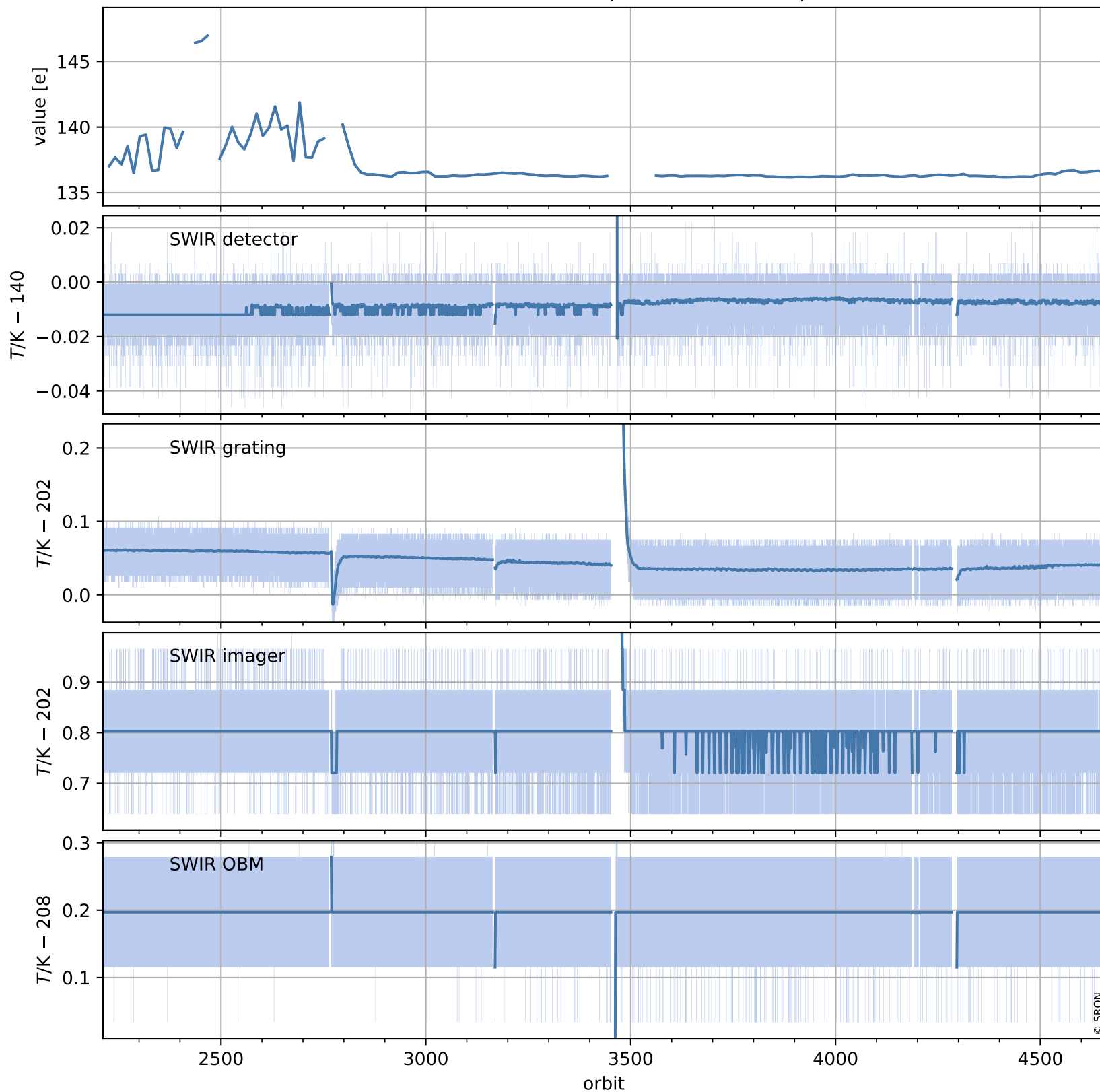
orbits : 13 in [4567, 4657]
coverage : 2018-08-31 / 2018-09-06
created : 2023-08-21T14:29:49



Tropomi SWIR background noise (swir)

orbits : [2212, 4657]
coverage : 2018-03-18 / 2018-09-06
created : 2023-08-21T14:29:50

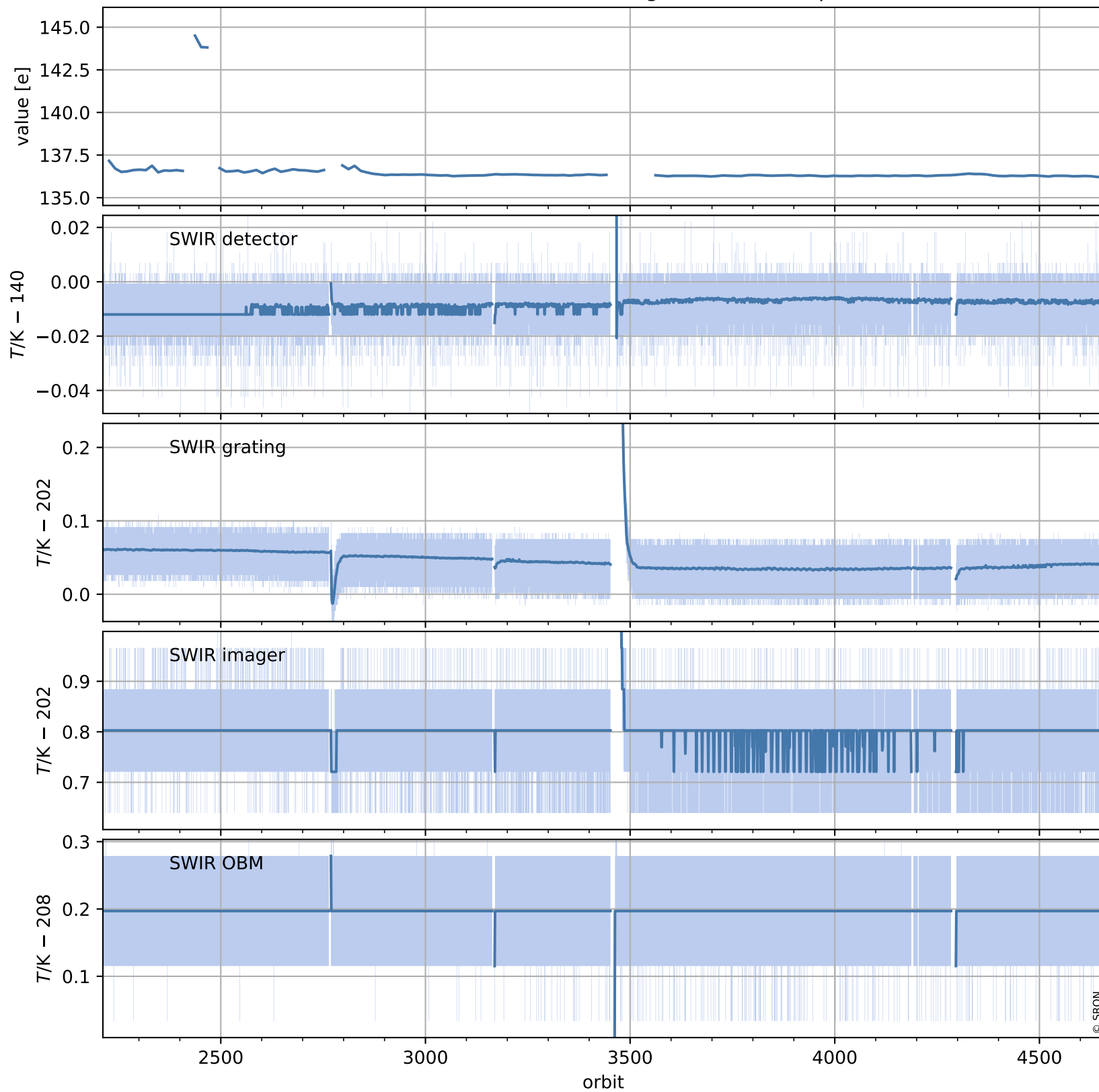
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4657]
coverage : 2018-03-18 / 2018-09-06
created : 2023-08-21T14:29:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4657]
coverage : 2018-03-18 / 2018-09-06
created : 2023-08-21T14:29:51

trend of normalized read-noise & temperatures

