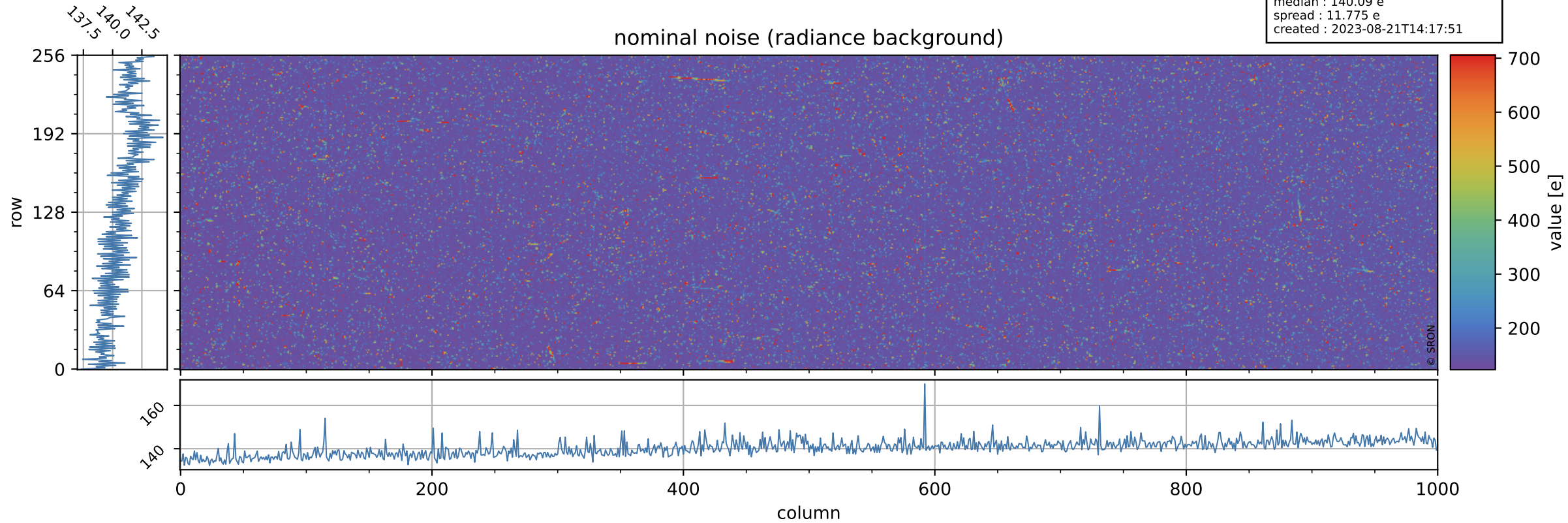


Tropomi SWIR background noise (swir)

orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
n_coad, t_exp : 2, 0.5383
median : 140.09 e
spread : 11.775 e
created : 2023-08-21T14:17:51

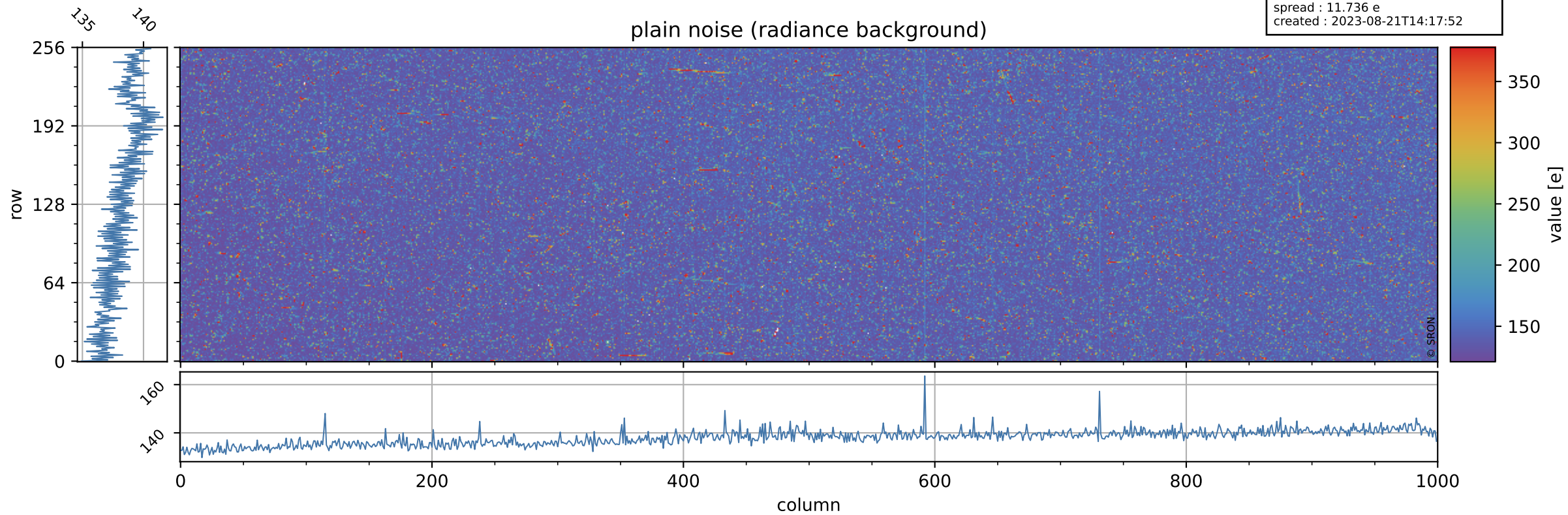
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

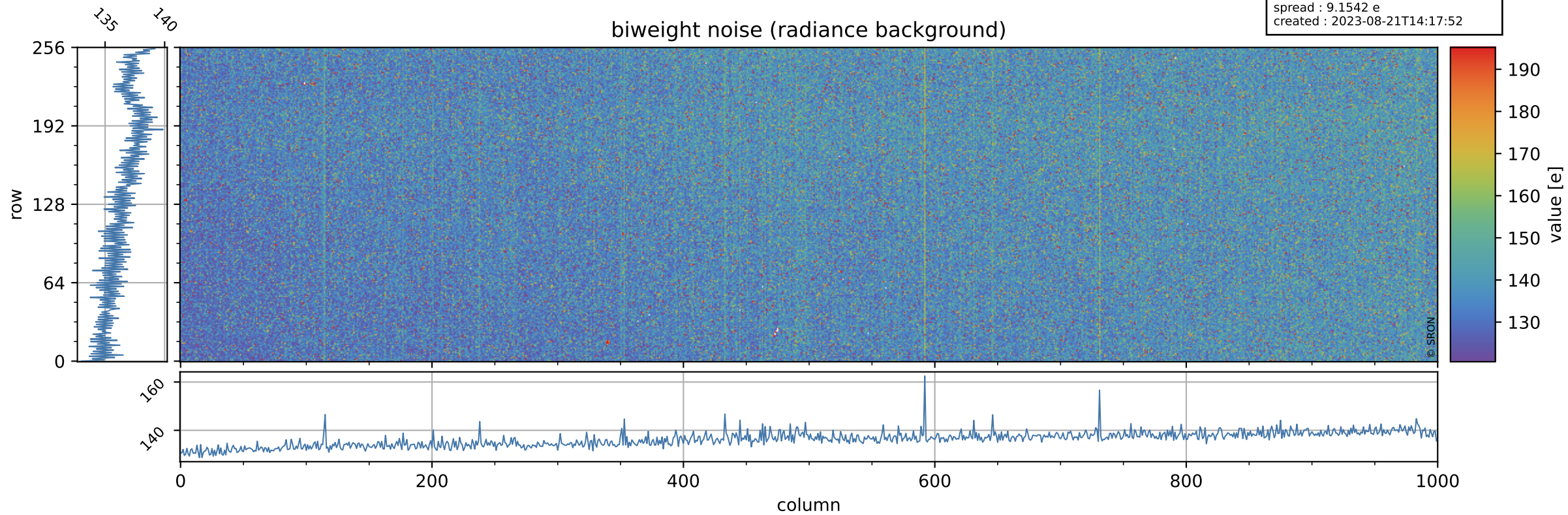
orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
n_coad, t_exp : 2, 0.5383
median : 137.8 e
spread : 11.736 e
created : 2023-08-21T14:17:52

plain noise (radiance background)



Tropomi SWIR background noise (swir)

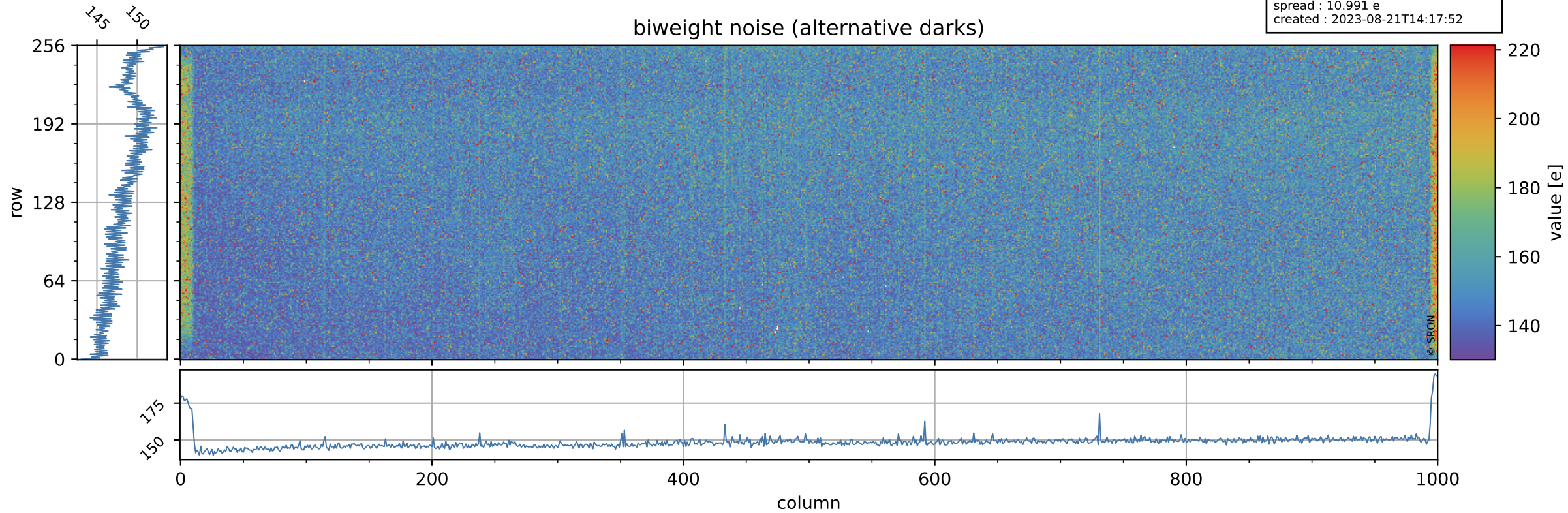
orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
n_coad, t_exp : 2, 0.5383
median : 136.36 e
spread : 9.1542 e
created : 2023-08-21T14:17:52



Tropomi SWIR background noise (swir)

orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
n_coad, t_exp : 1, 1.0783
median : 148.18 e
spread : 10.991 e
created : 2023-08-21T14:17:52

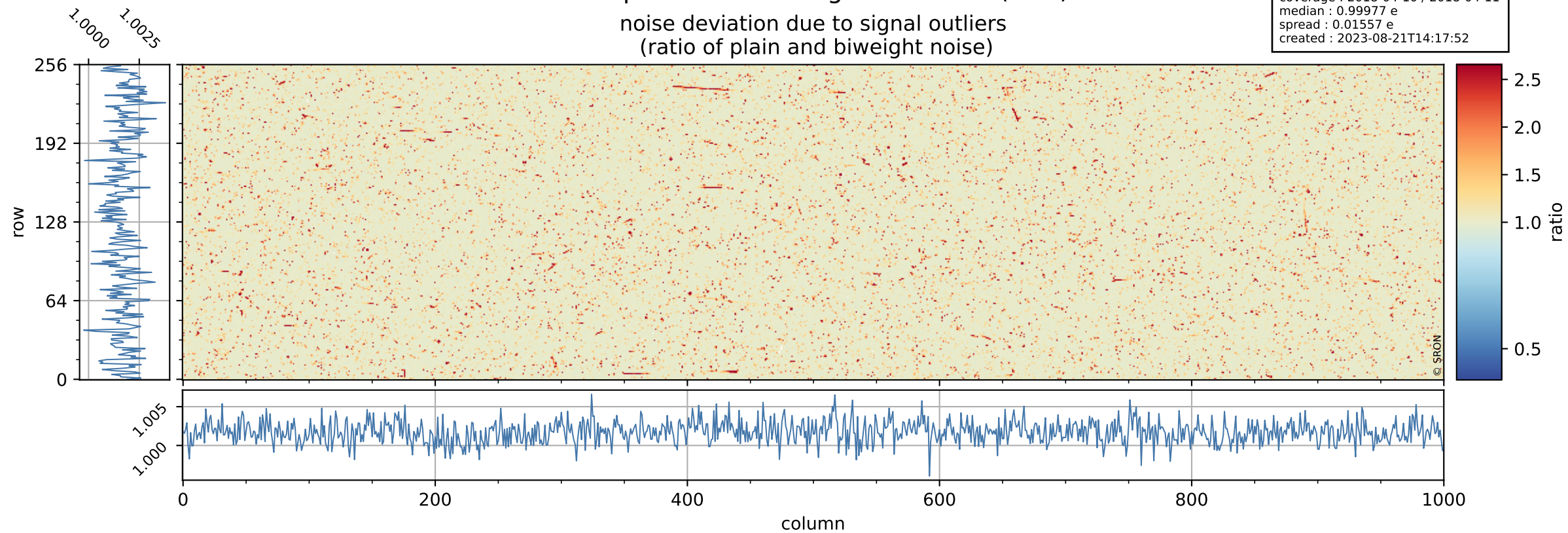
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

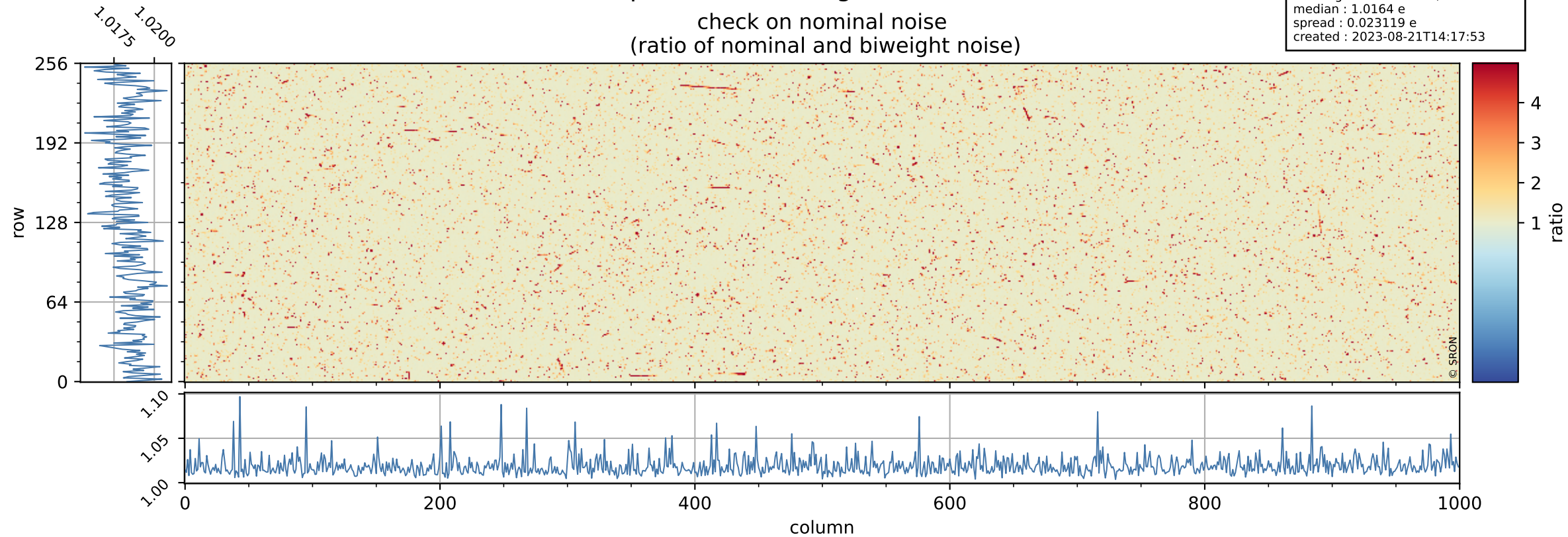
orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
median : 0.99977 e
spread : 0.01557 e
created : 2023-08-21T14:17:52



Tropomi SWIR background noise (swir)

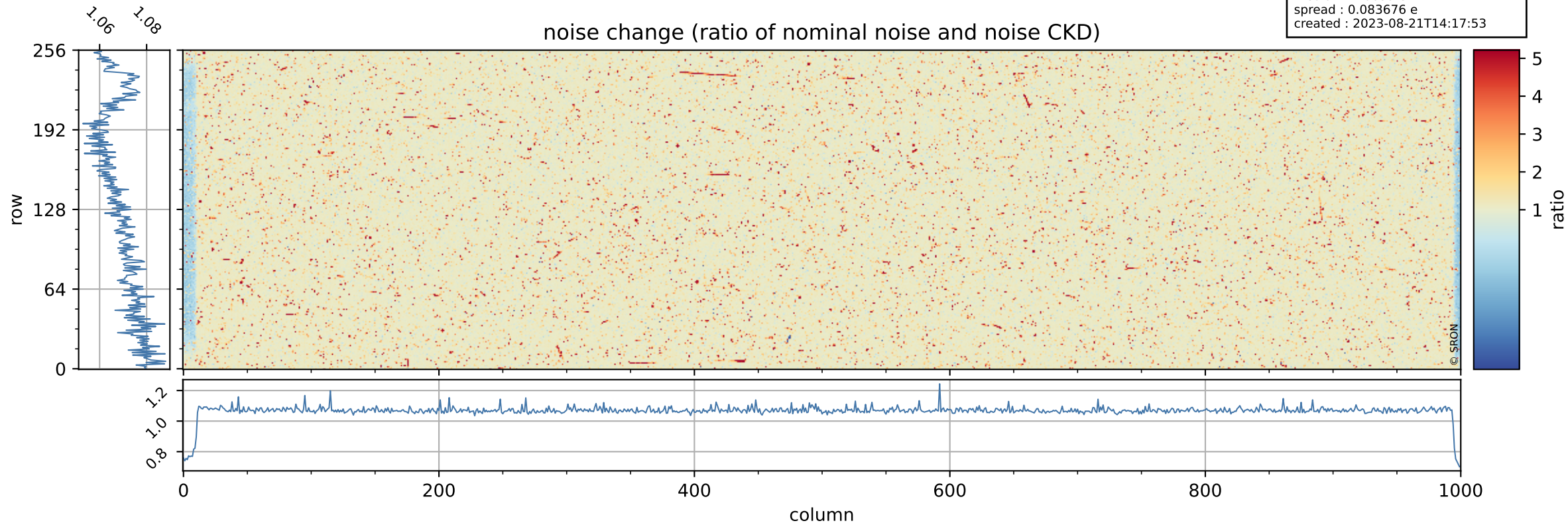
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
median : 1.0164 e
spread : 0.023119 e
created : 2023-08-21T14:17:53



Tropomi SWIR background noise (swir)

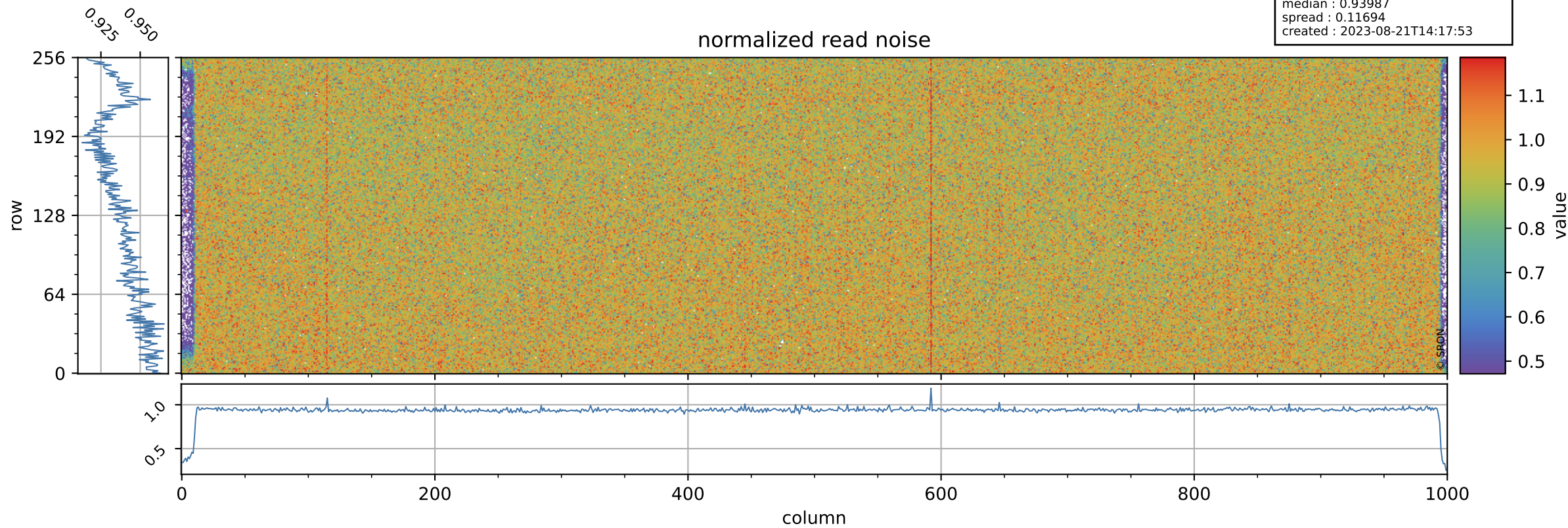
orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
median : 1.0639 e
spread : 0.083676 e
created : 2023-08-21T14:17:53



Tropomi SWIR background noise (swir)

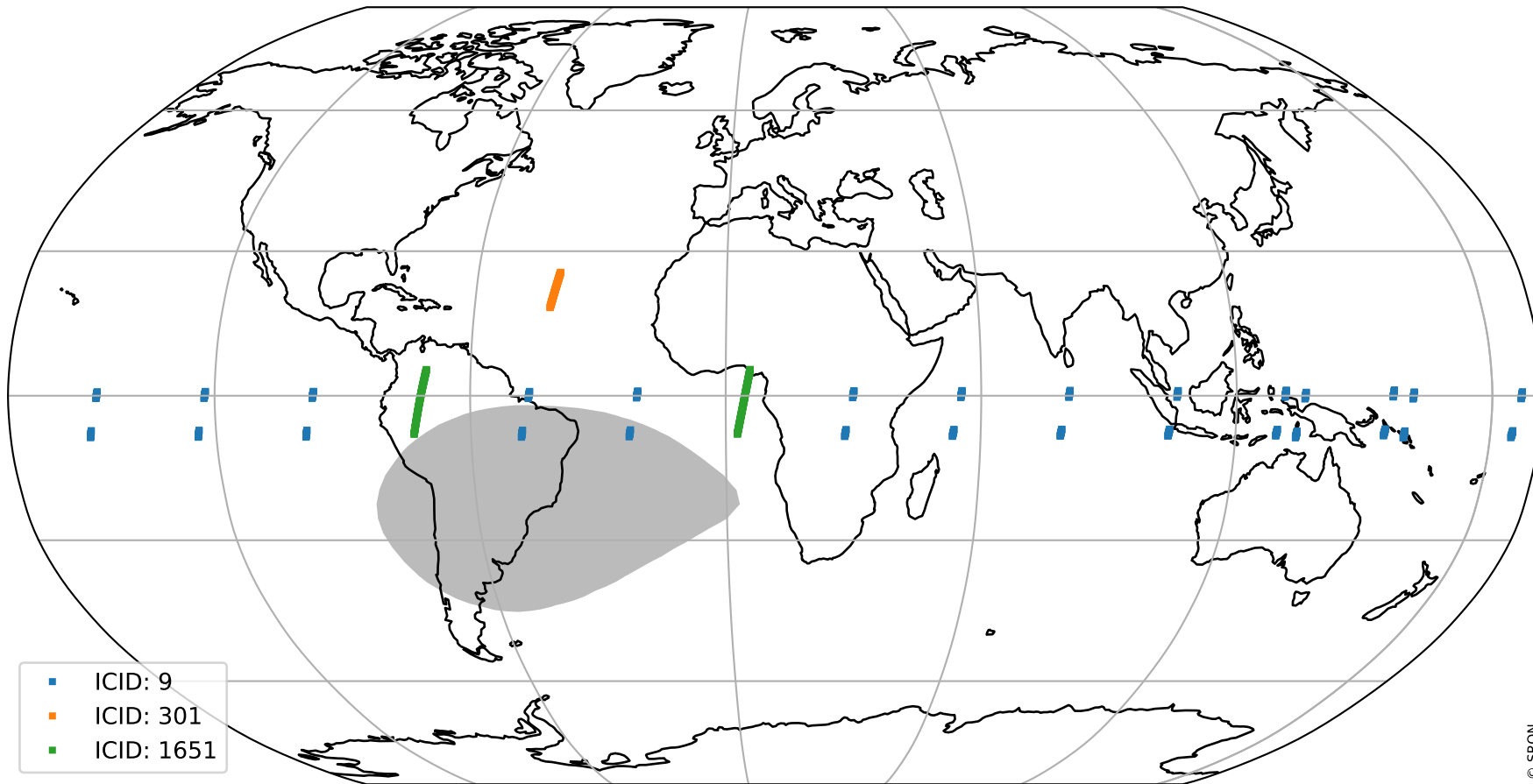
orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
median : 0.93987
spread : 0.11694
created : 2023-08-21T14:17:53

normalized read noise



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

orbits : 14 in [2542, 2557]
coverage : 2018-04-10 / 2018-04-11
created : 2023-08-21T14:17:54

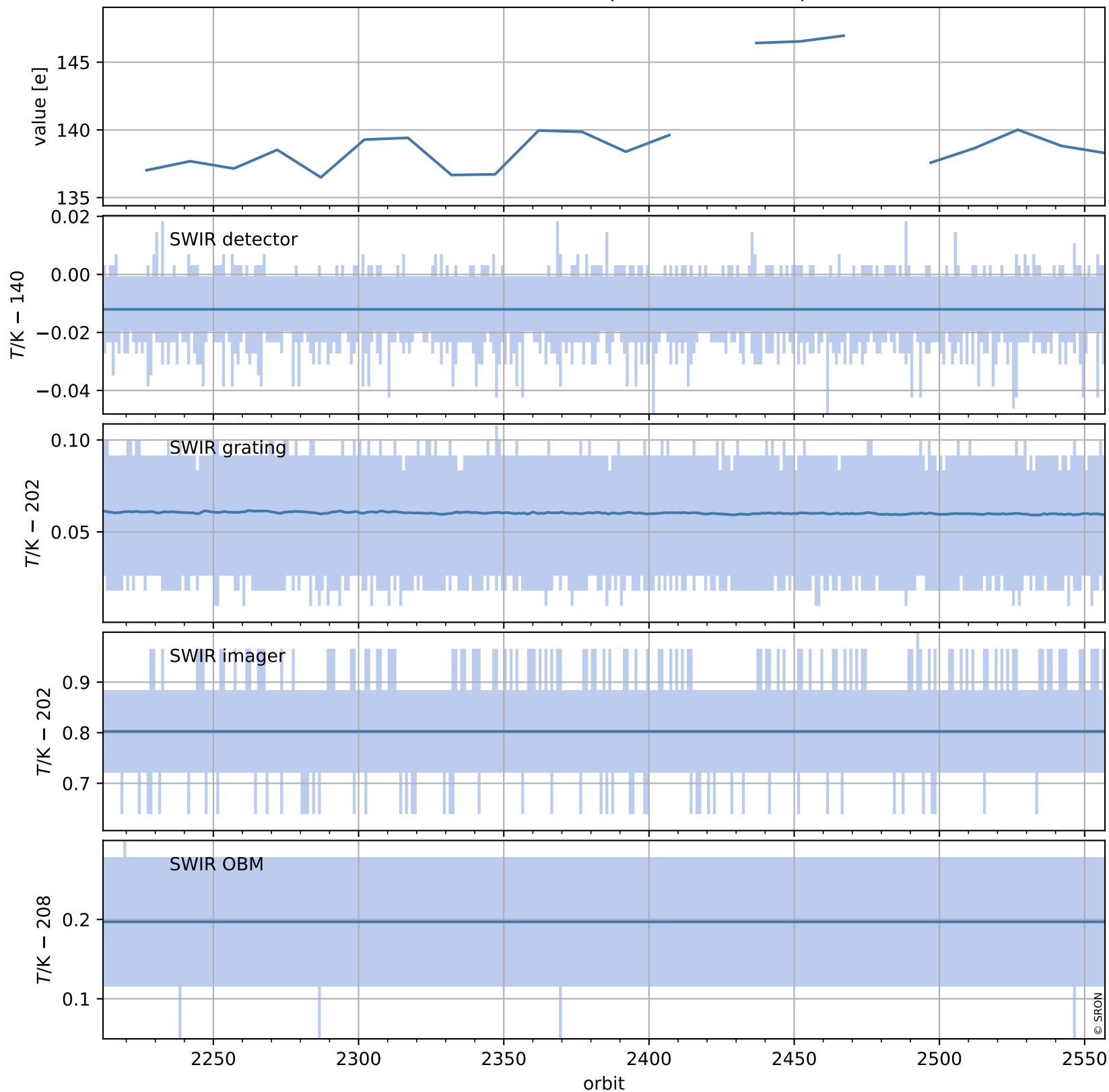


- ICID: 9
- ICID: 301
- ICID: 1651

Tropomi SWIR background noise (swir)

orbits : [2212, 2557]
coverage : 2018-03-18 / 2018-04-11
created : 2023-08-21T14:17:54

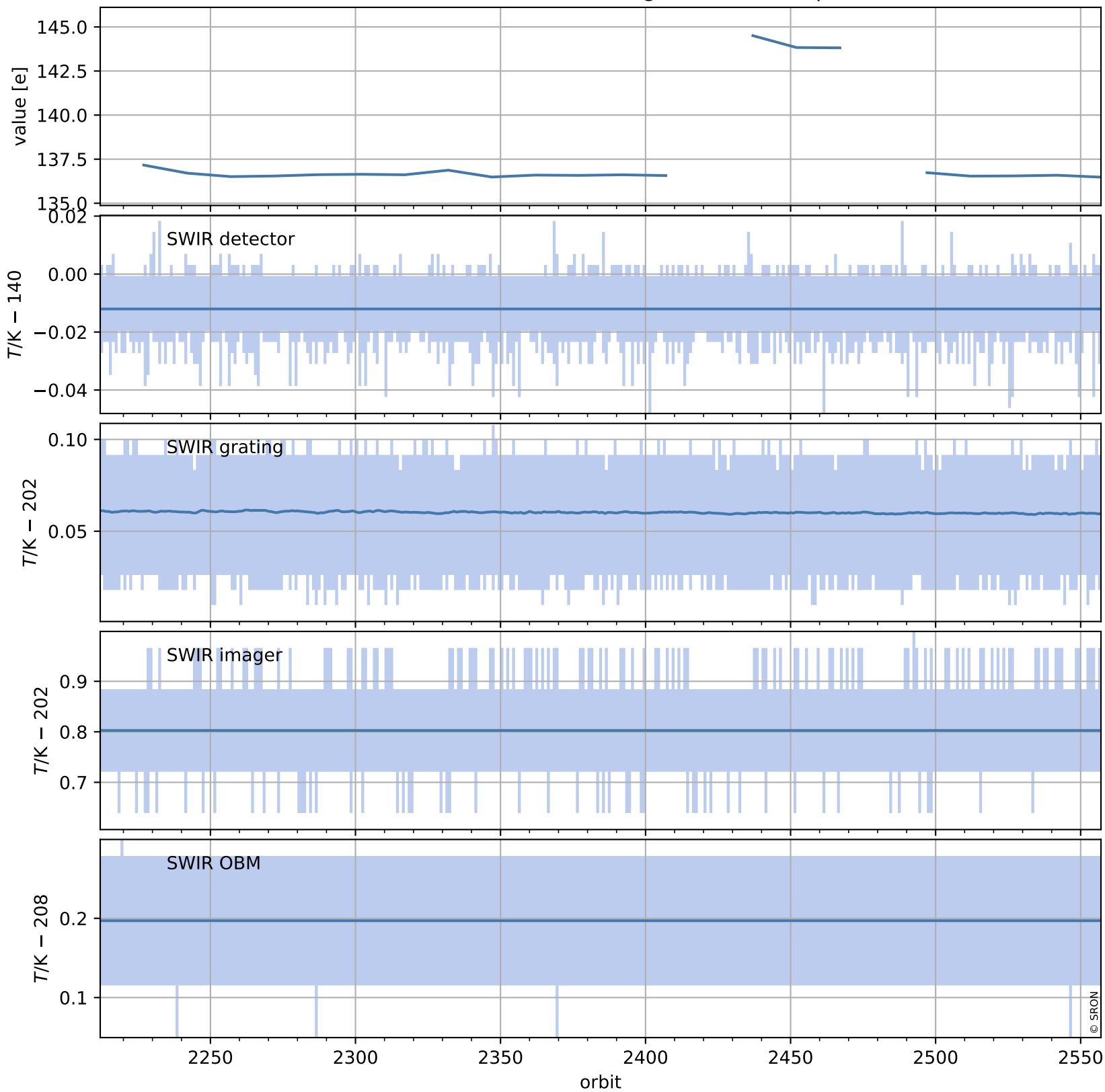
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2557]
coverage : 2018-03-18 / 2018-04-11
created : 2023-08-21T14:17:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2557]
coverage : 2018-03-18 / 2018-04-11
created : 2023-08-21T14:17:55

trend of normalized read-noise & temperatures

