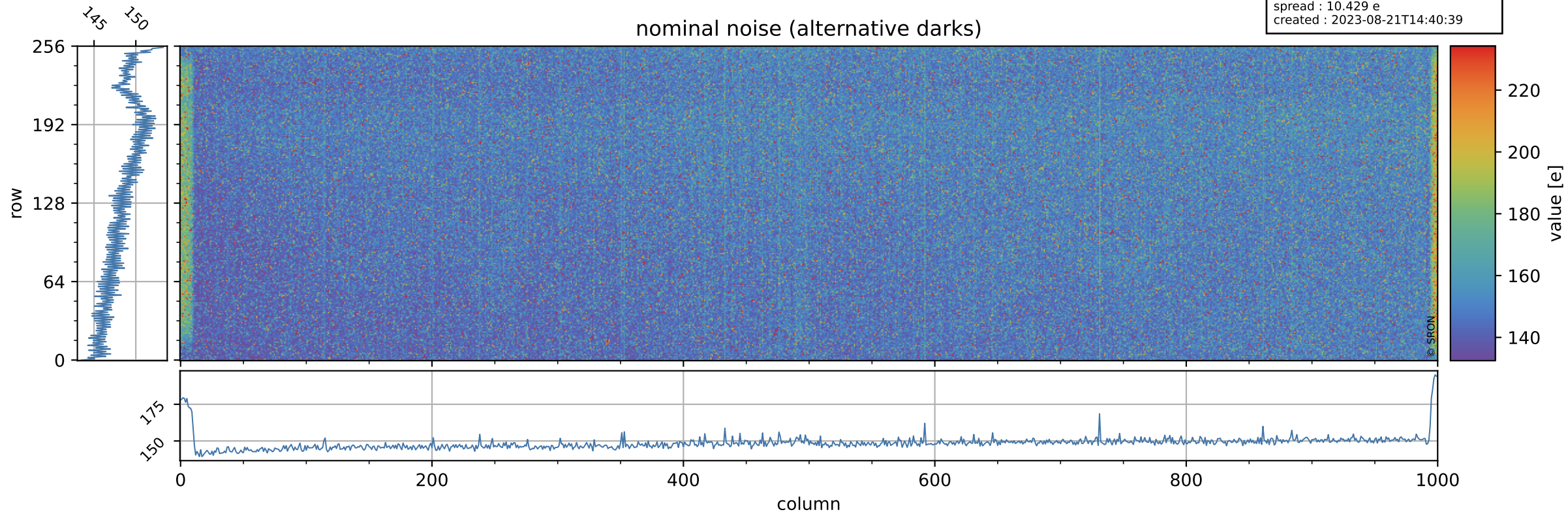


Tropomi SWIR background noise (swir)

orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.429 e
created : 2023-08-21T14:40:39

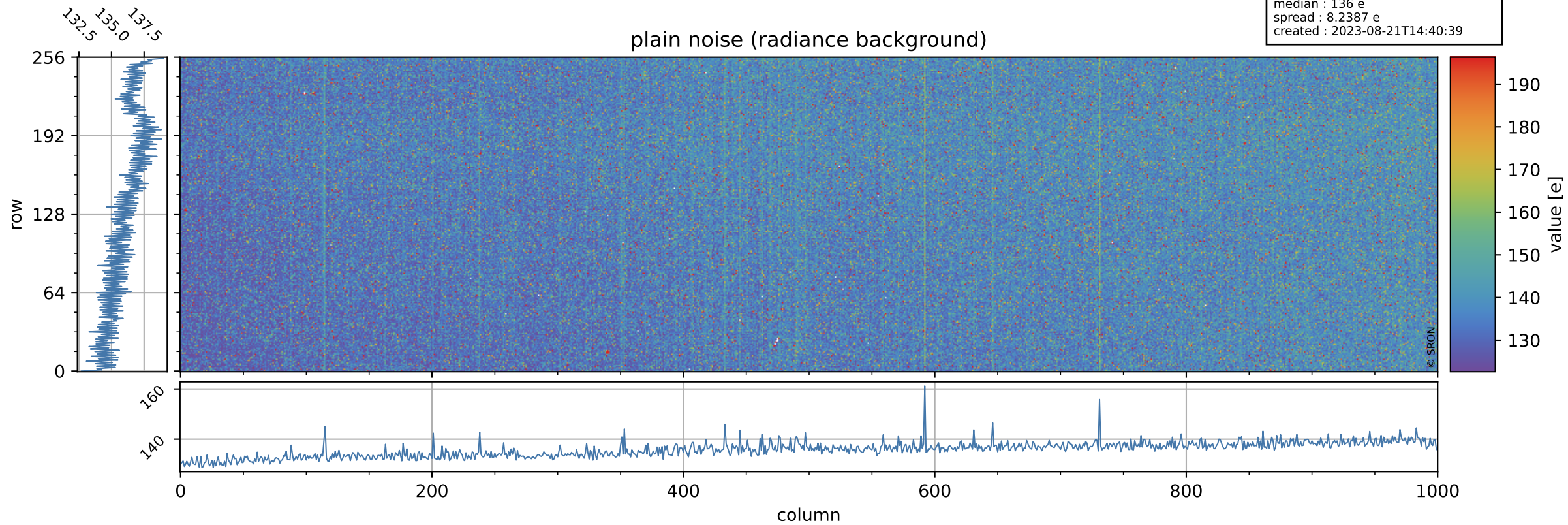
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2387 e
created : 2023-08-21T14:40:39

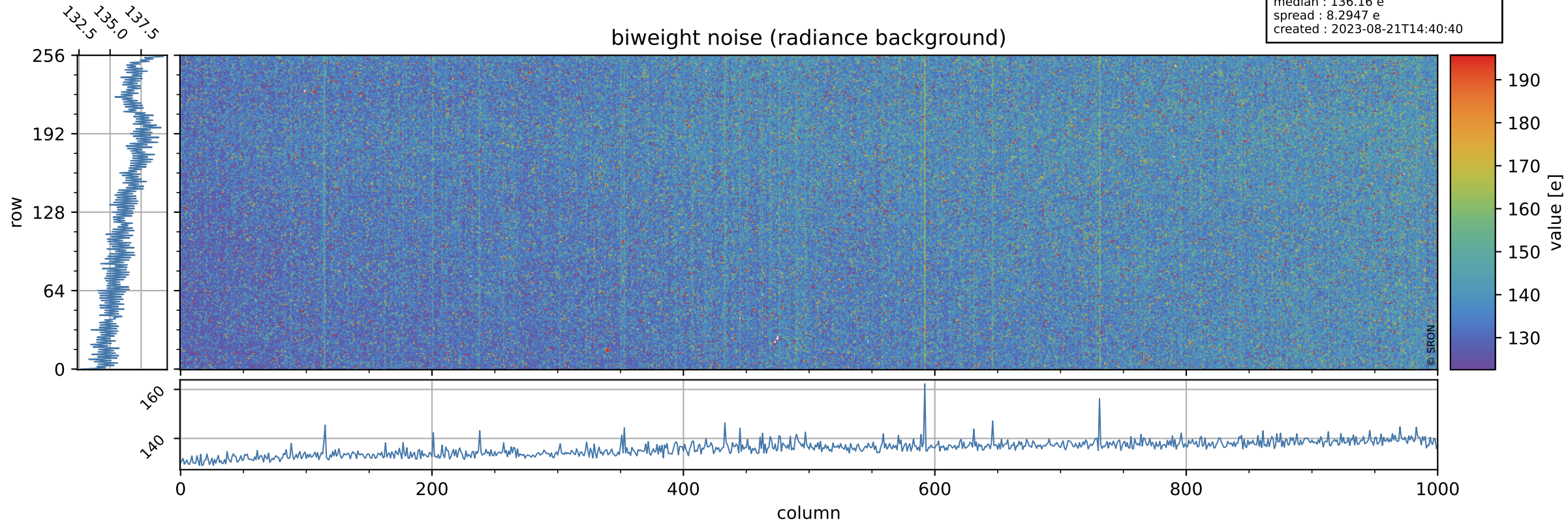
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2947 e
created : 2023-08-21T14:40:40

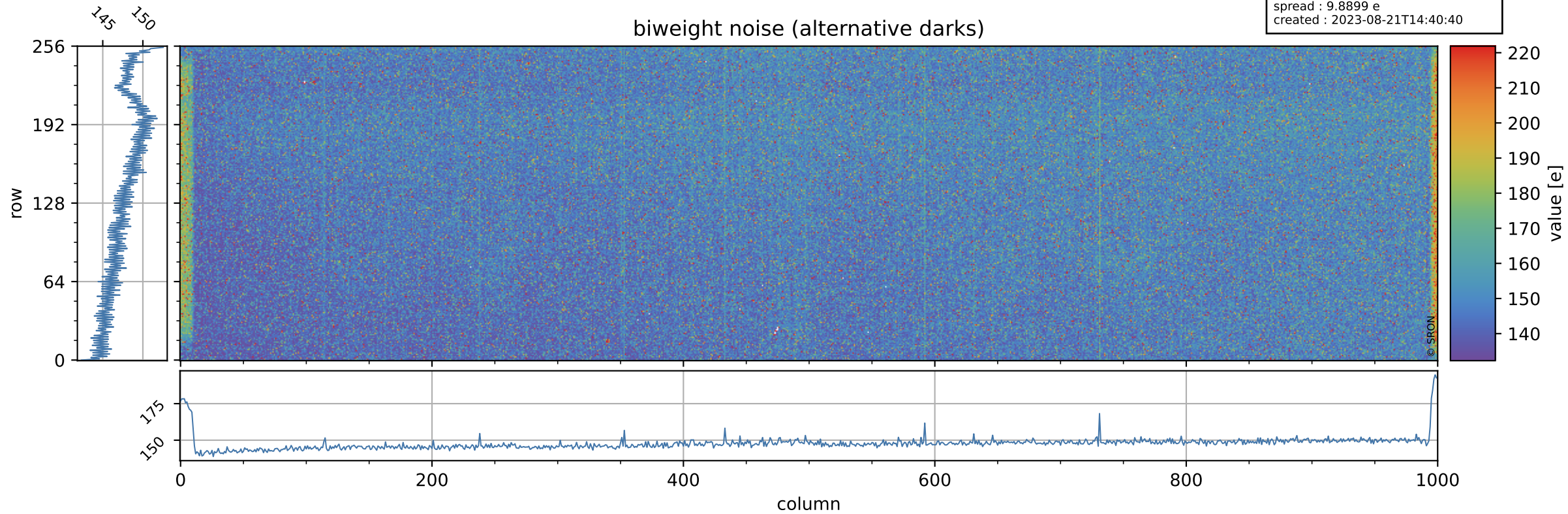
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8899 e
created : 2023-08-21T14:40:40

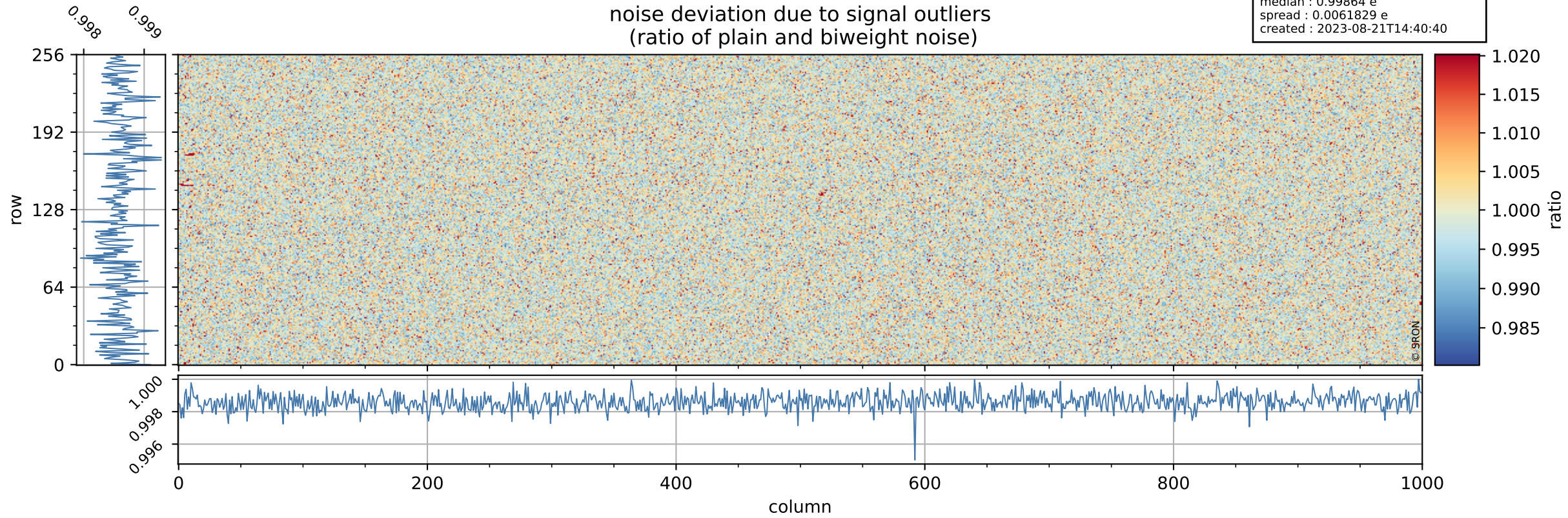
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

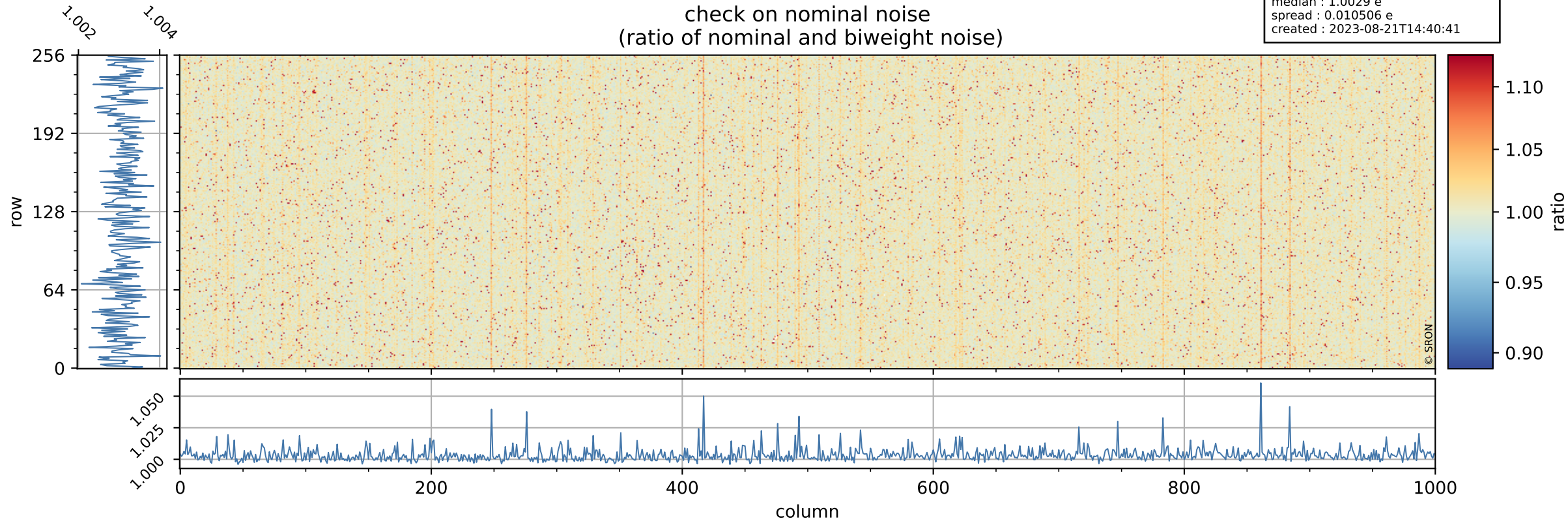
orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
median : 0.99864 e
spread : 0.0061829 e
created : 2023-08-21T14:40:40



Tropomi SWIR background noise (swir)

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

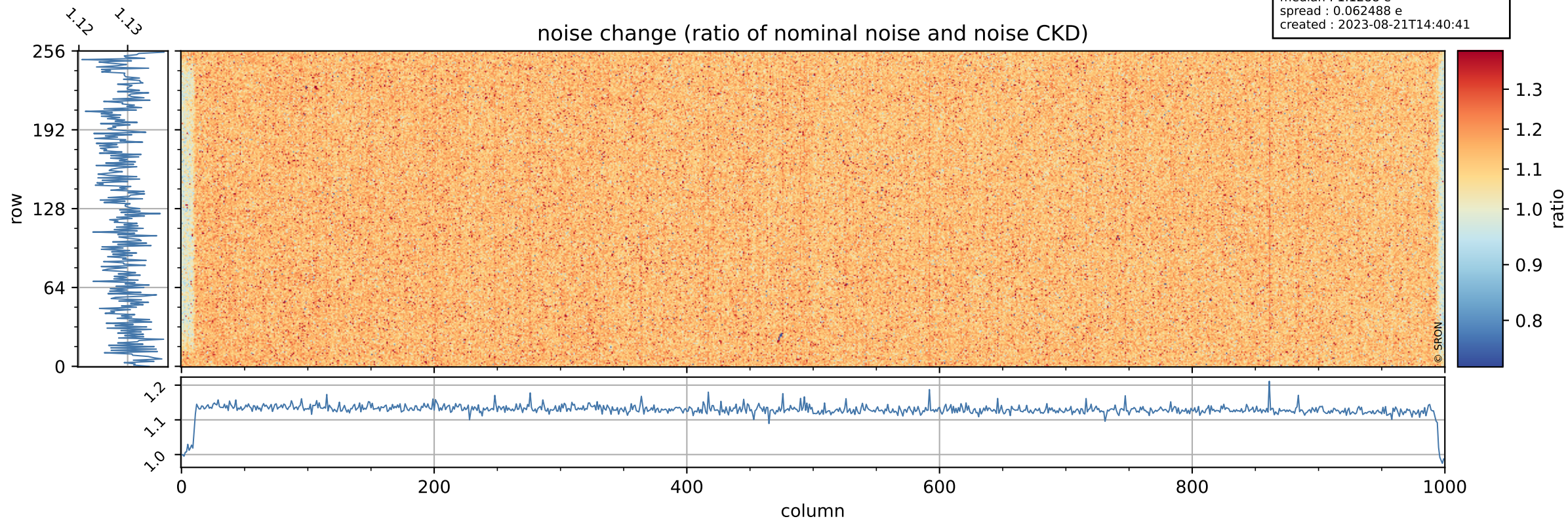
orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
median : 1.0029 e
spread : 0.010506 e
created : 2023-08-21T14:40:41



Tropomi SWIR background noise (swir)

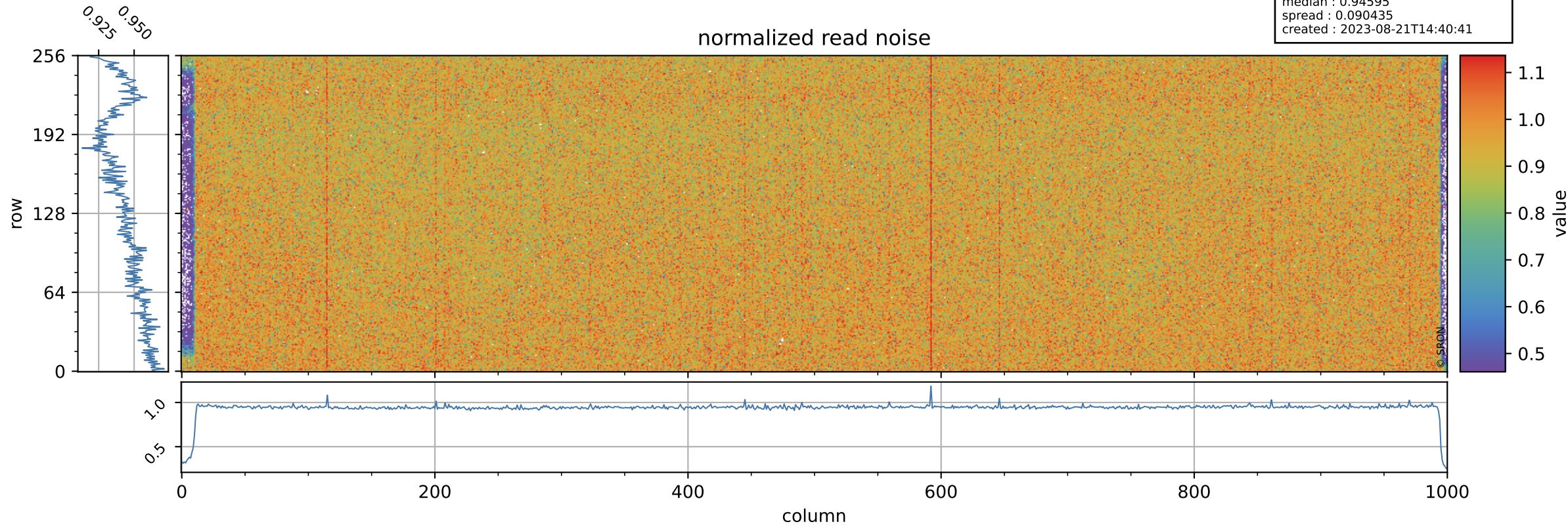
orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
median : 1.1288 e
spread : 0.062488 e
created : 2023-08-21T14:40:41

noise change (ratio of nominal noise and noise CKD)



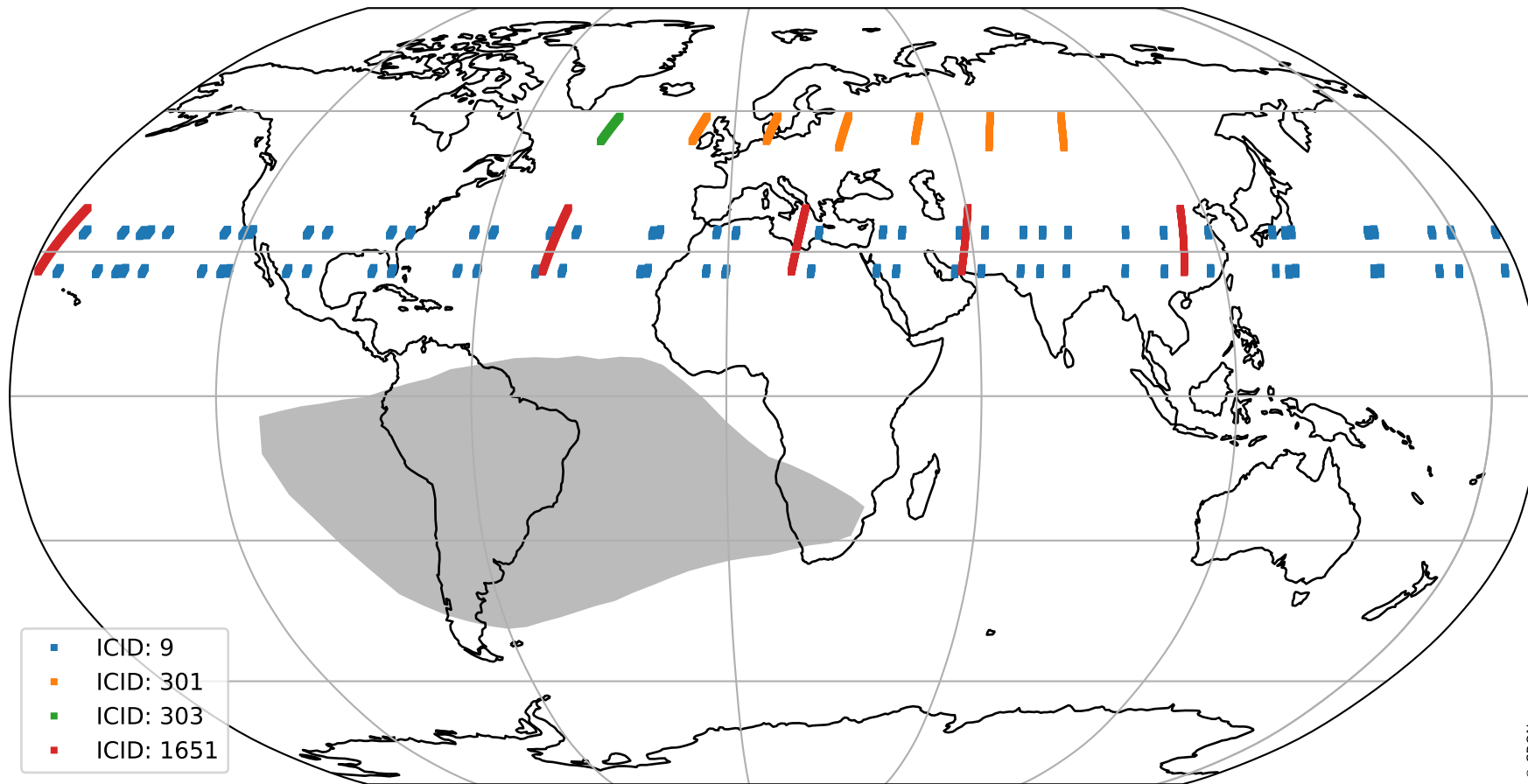
Tropomi SWIR background noise (swir)

orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
median : 0.94595
spread : 0.090435
created : 2023-08-21T14:40:41



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

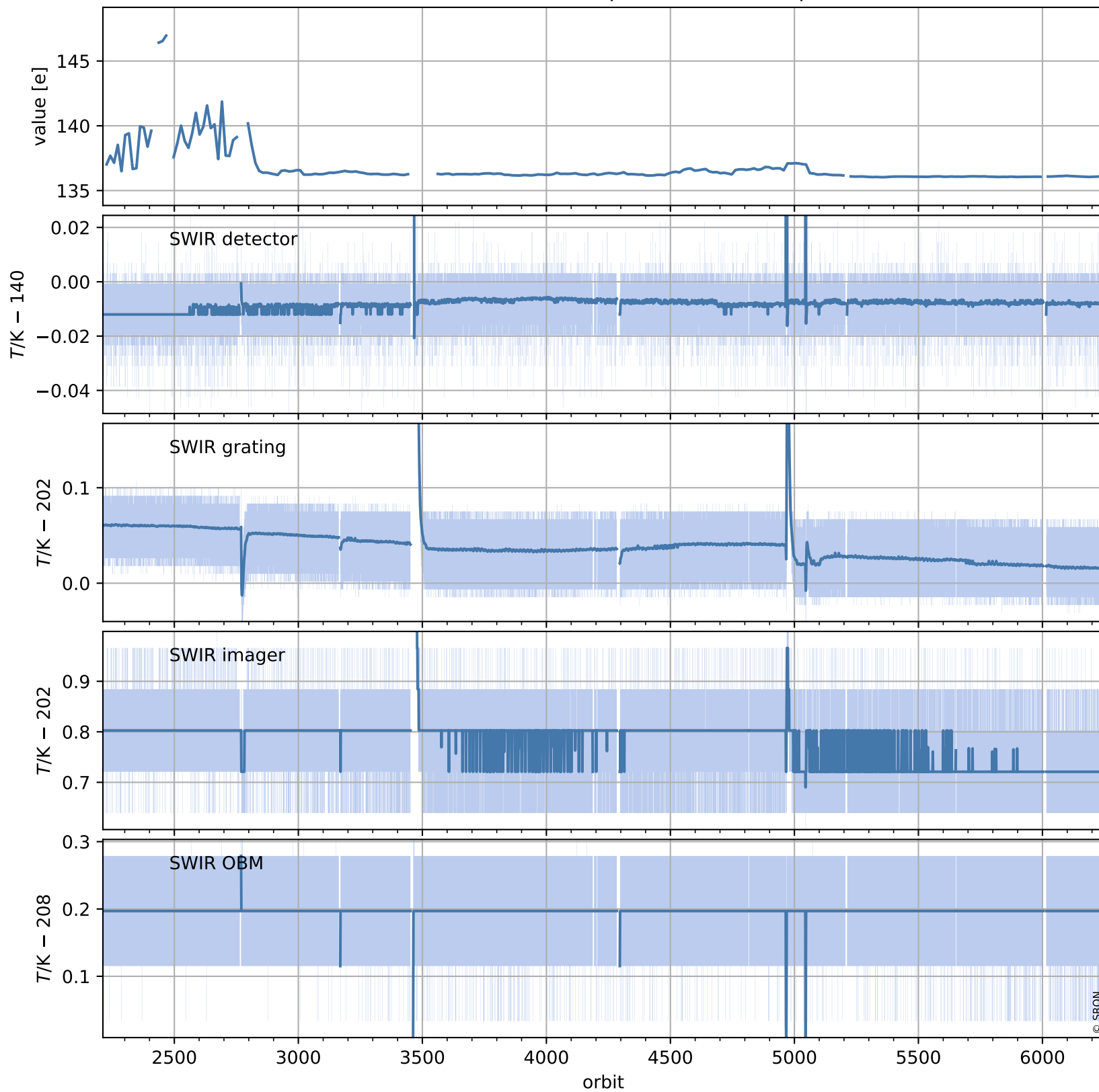
orbits : 12 in [6157, 6247]
coverage : 2018-12-21 / 2018-12-27
created : 2023-08-21T14:40:42



Tropomi SWIR background noise (swir)

orbits : [2212, 6247]
coverage : 2018-03-18 / 2018-12-27
created : 2023-08-21T14:40:42

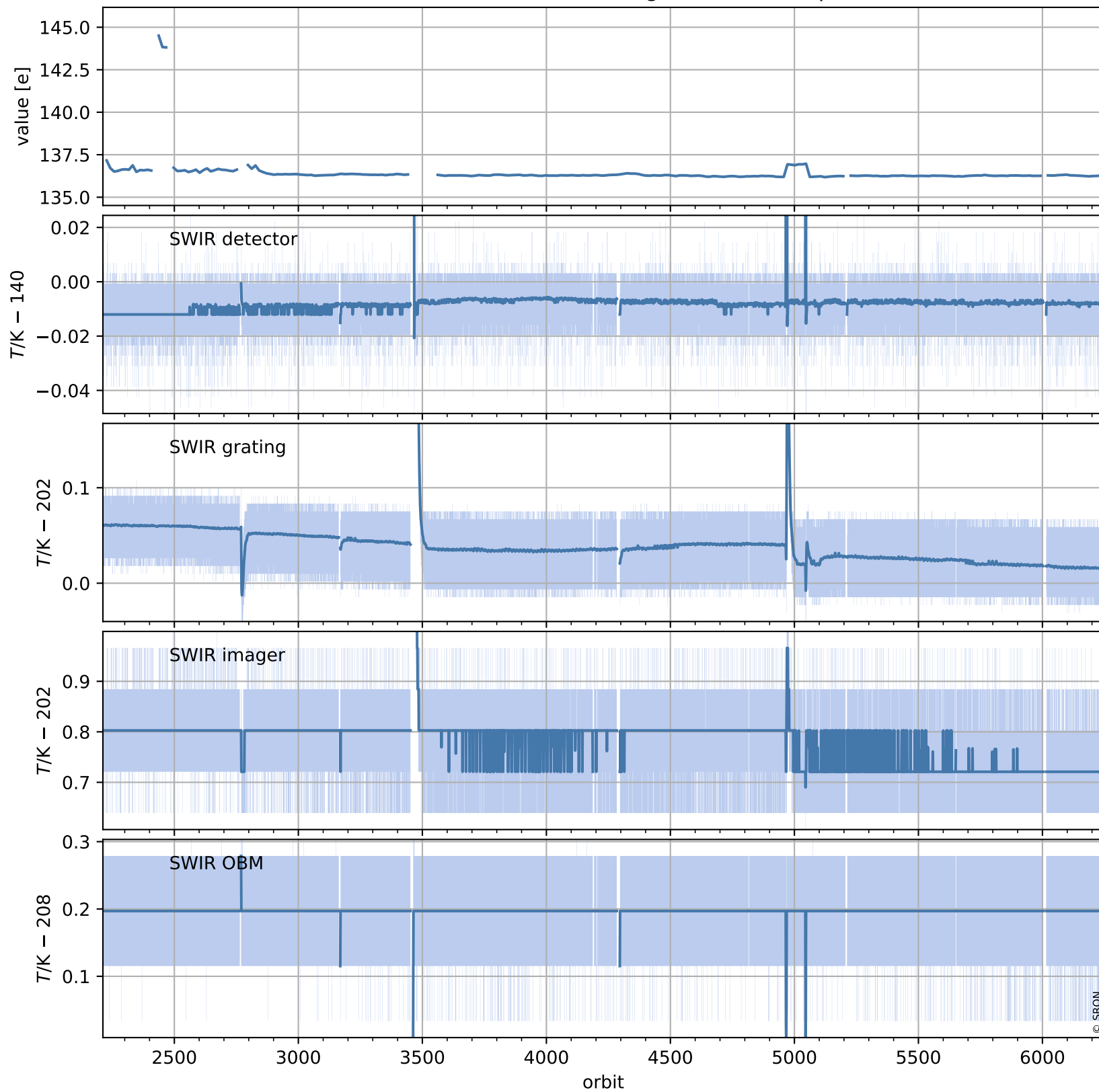
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6247]
coverage : 2018-03-18 / 2018-12-27
created : 2023-08-21T14:40:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6247]
coverage : 2018-03-18 / 2018-12-27
created : 2023-08-21T14:40:43

trend of normalized read-noise & temperatures

