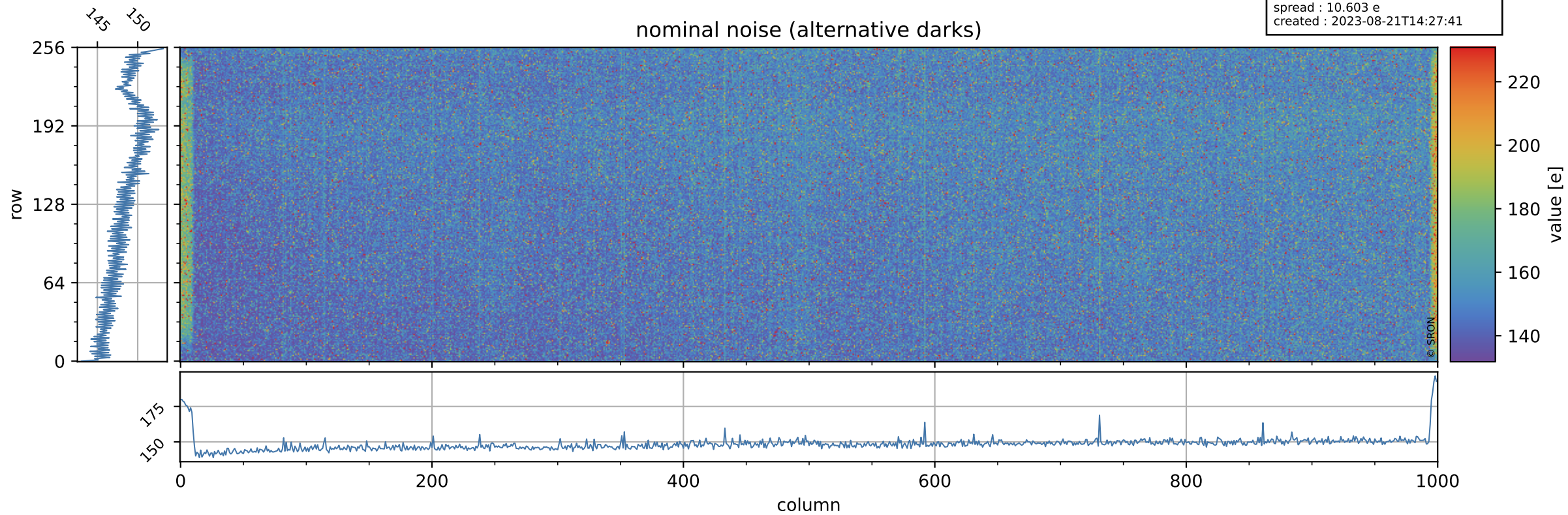


Tropomi SWIR background noise (swir)

orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.603 e
created : 2023-08-21T14:27:41

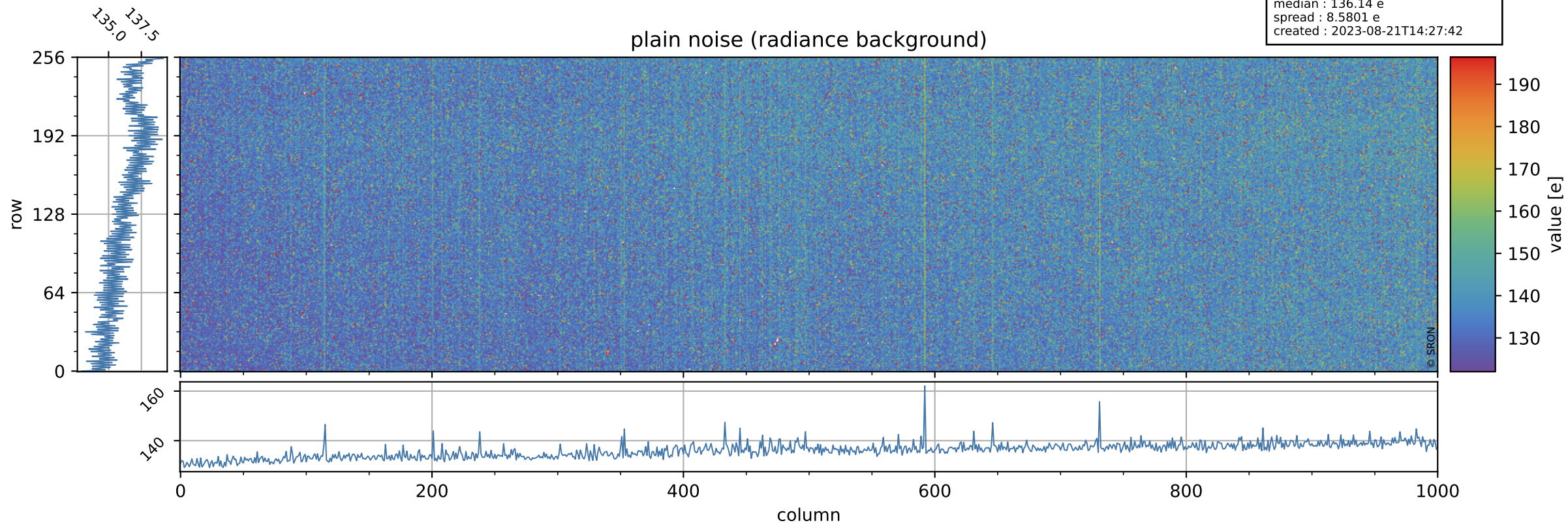
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.5801 e
created : 2023-08-21T14:27:42

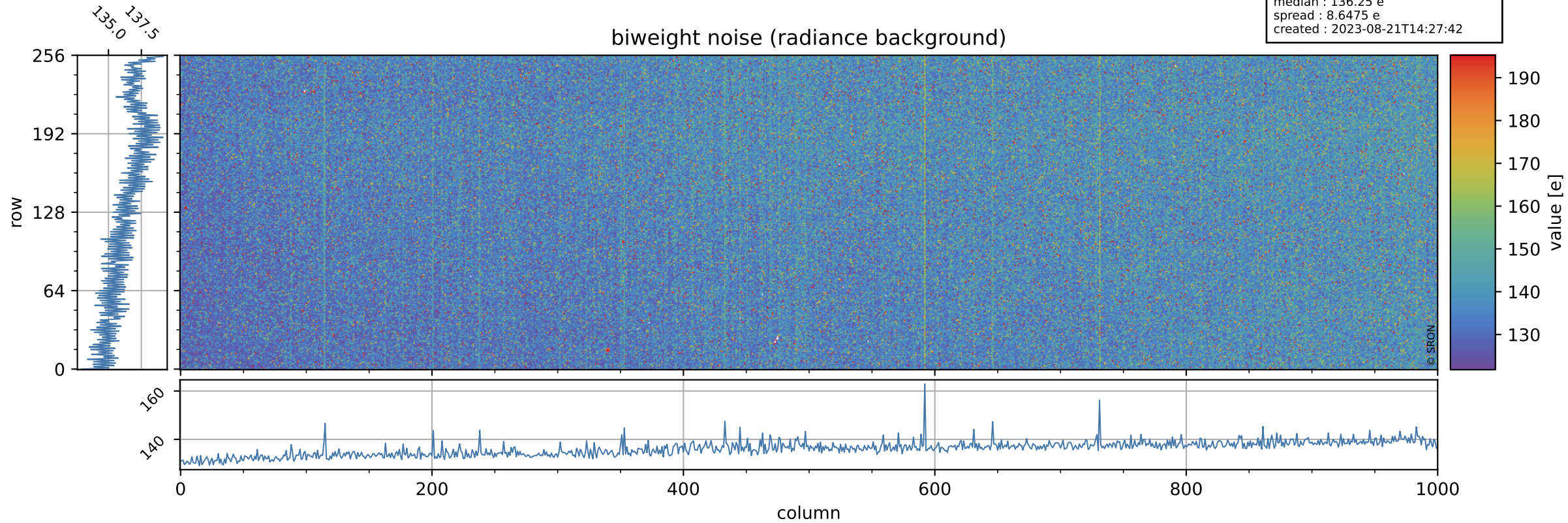
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.6475 e
created : 2023-08-21T14:27:42

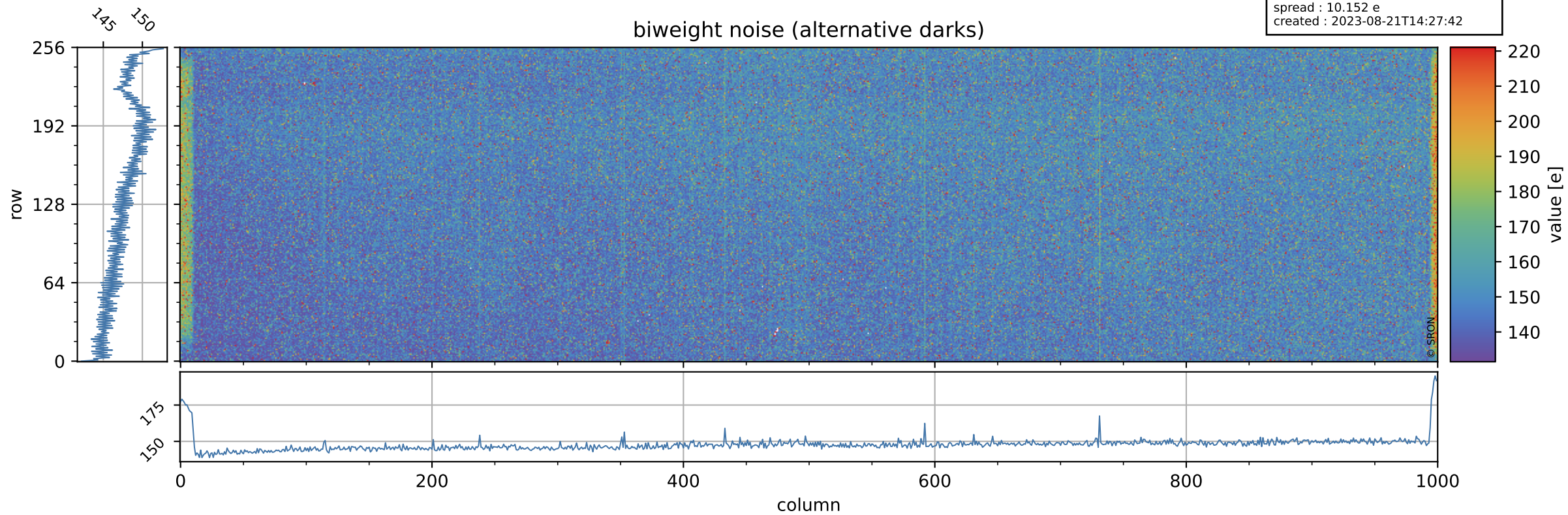
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 10.152 e
created : 2023-08-21T14:27:42

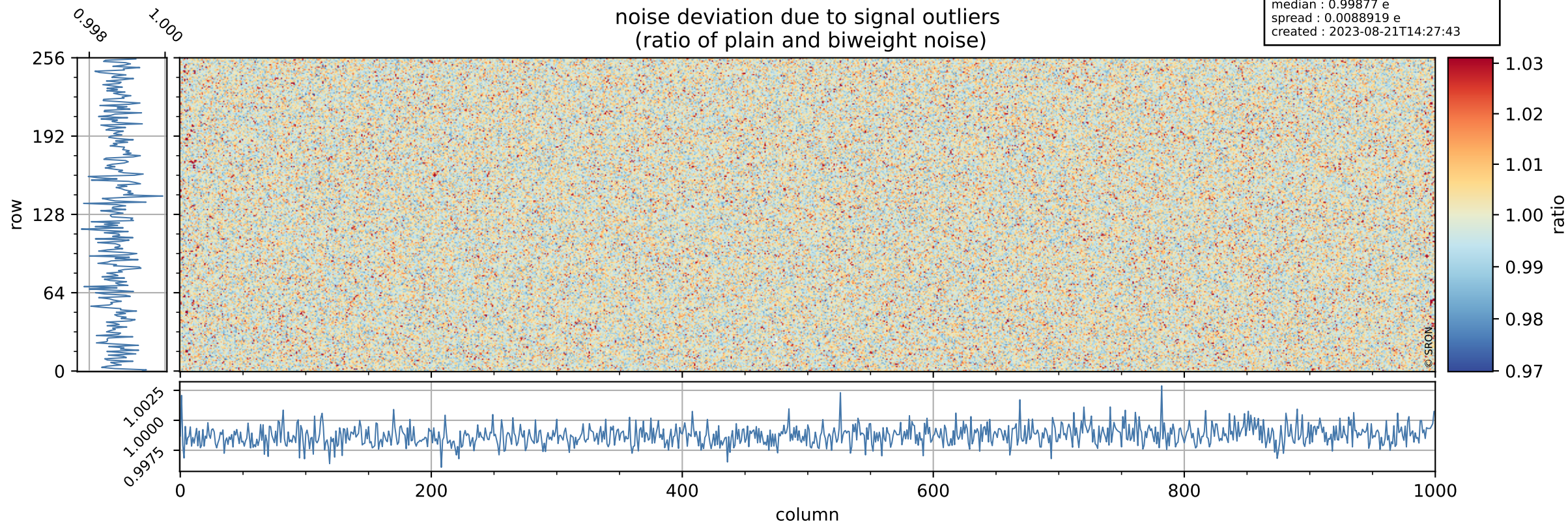
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

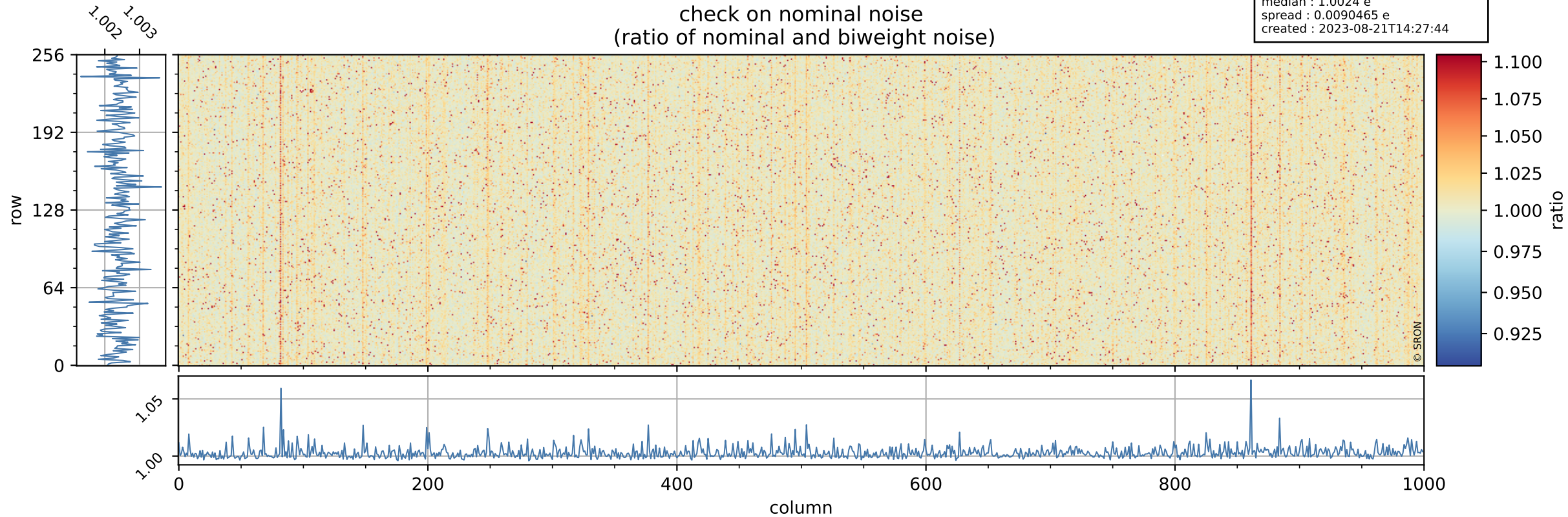
orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
median : 0.99877 e
spread : 0.0088919 e
created : 2023-08-21T14:27:43



Tropomi SWIR background noise (swir)

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

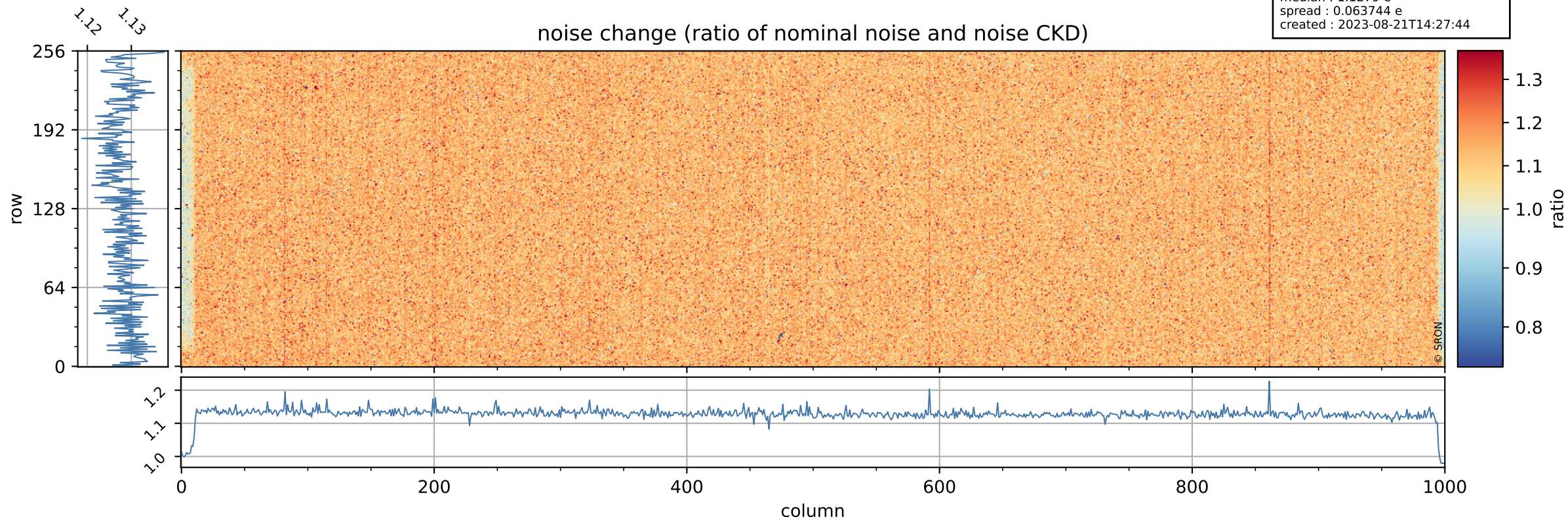
orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
median : 1.0024 e
spread : 0.0090465 e
created : 2023-08-21T14:27:44



Tropomi SWIR background noise (swir)

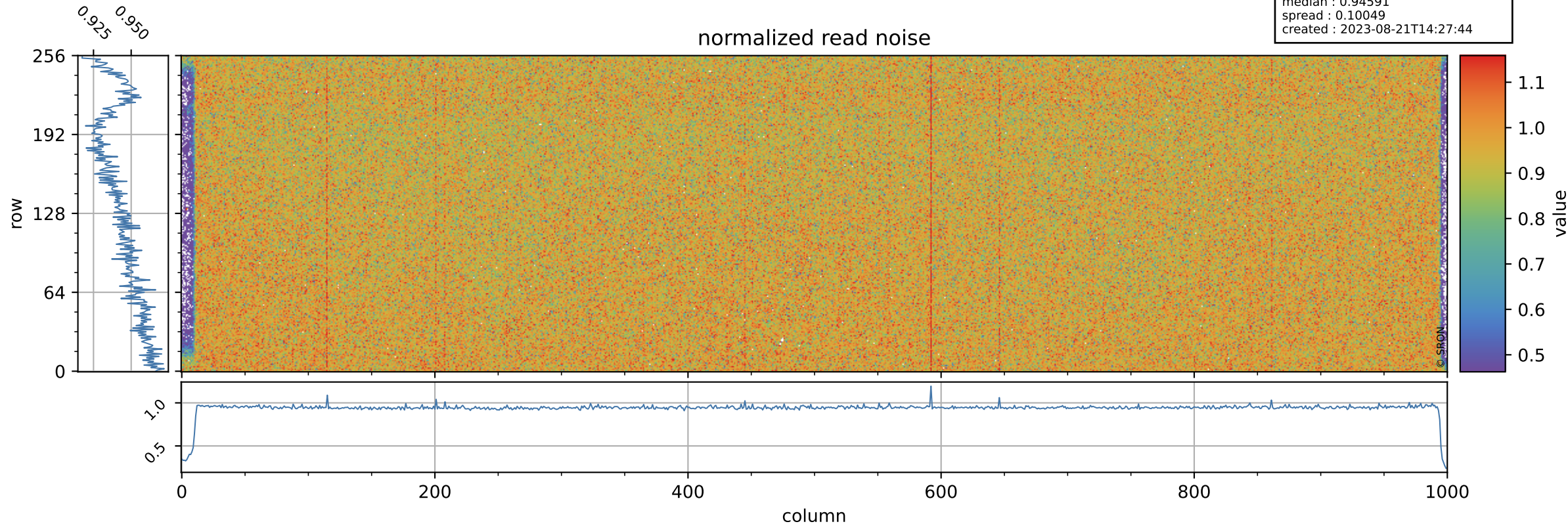
orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
median : 1.1279 e
spread : 0.063744 e
created : 2023-08-21T14:27:44

noise change (ratio of nominal noise and noise CKD)



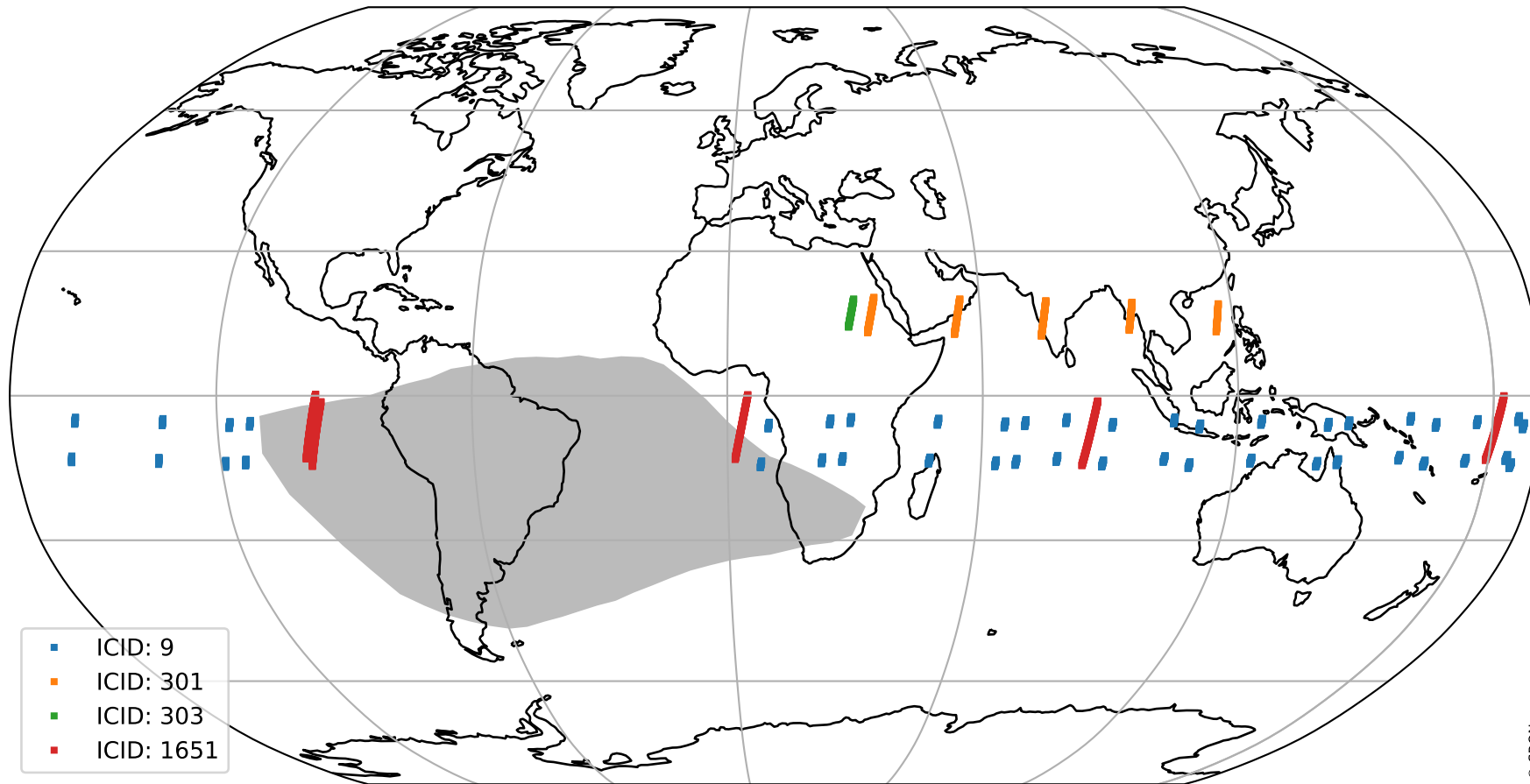
Tropomi SWIR background noise (swir)

orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
median : 0.94591
spread : 0.10049
created : 2023-08-21T14:27:44



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

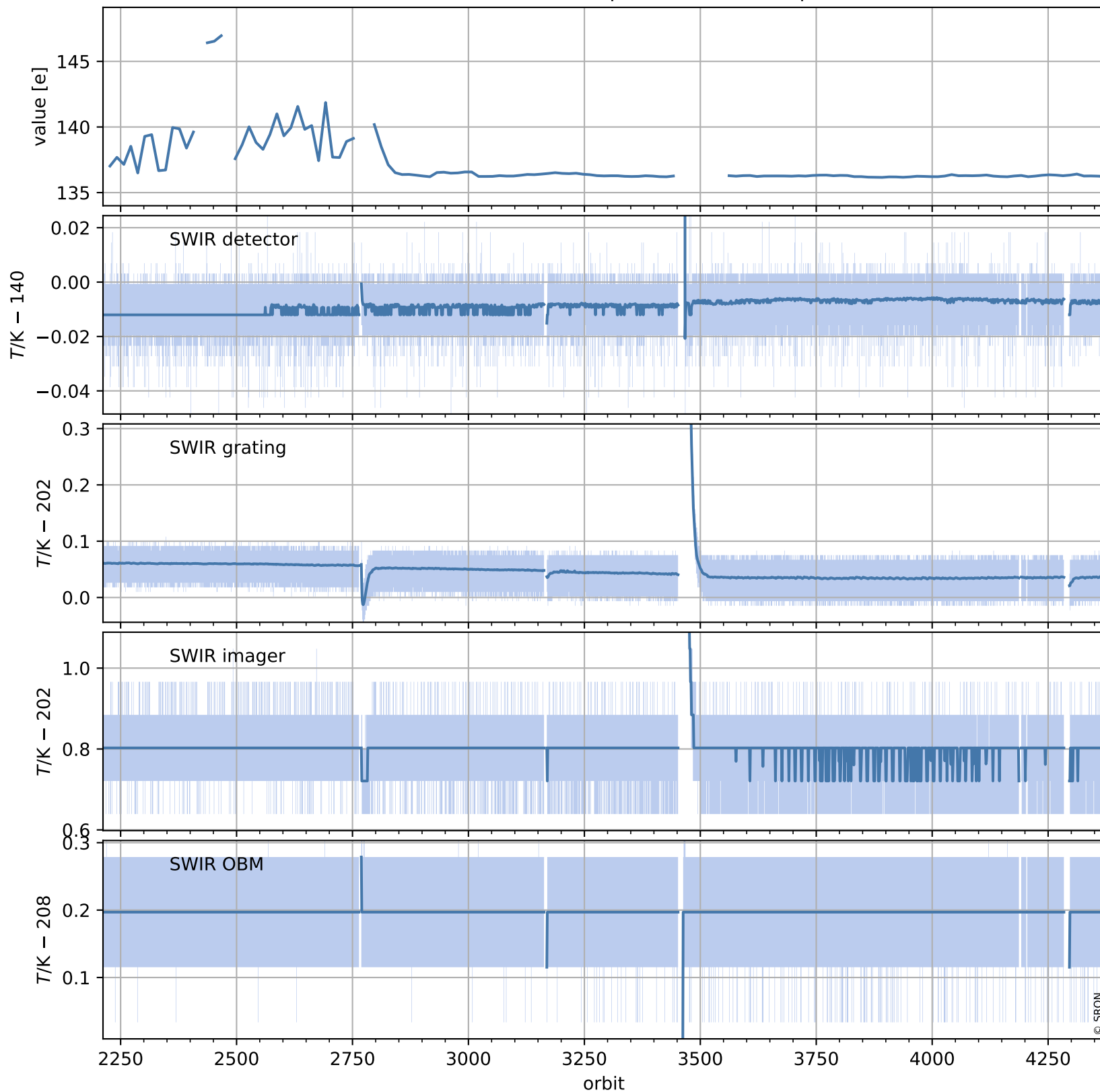
orbits : 11 in [4297, 4372]
coverage : 2018-08-12 / 2018-08-17
created : 2023-08-21T14:27:45



Tropomi SWIR background noise (swir)

orbits : [2212, 4372]
coverage : 2018-03-18 / 2018-08-17
created : 2023-08-21T14:27:45

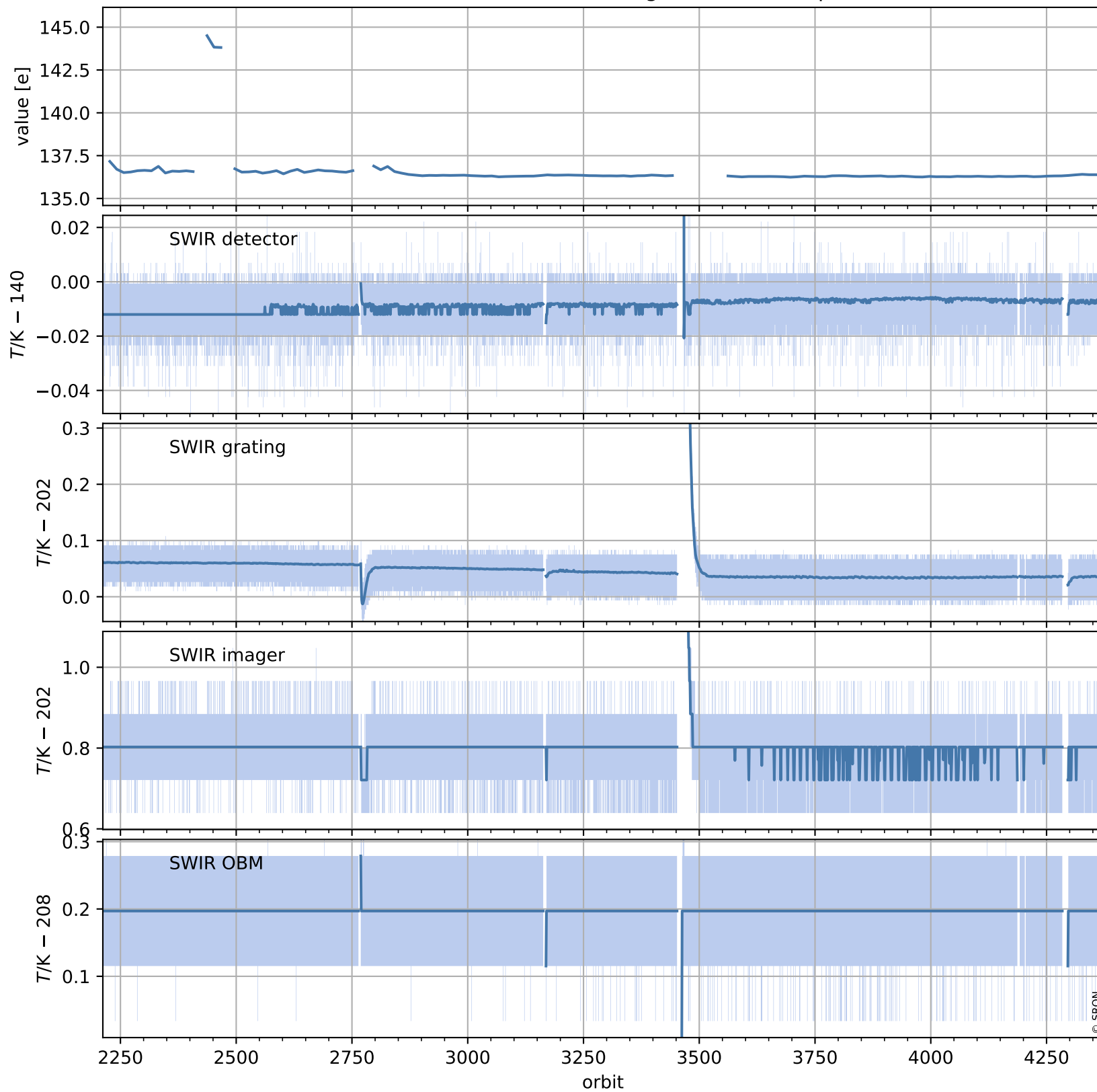
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4372]
coverage : 2018-03-18 / 2018-08-17
created : 2023-08-21T14:27:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4372]
coverage : 2018-03-18 / 2018-08-17
created : 2023-08-21T14:27:47

trend of normalized read-noise & temperatures

