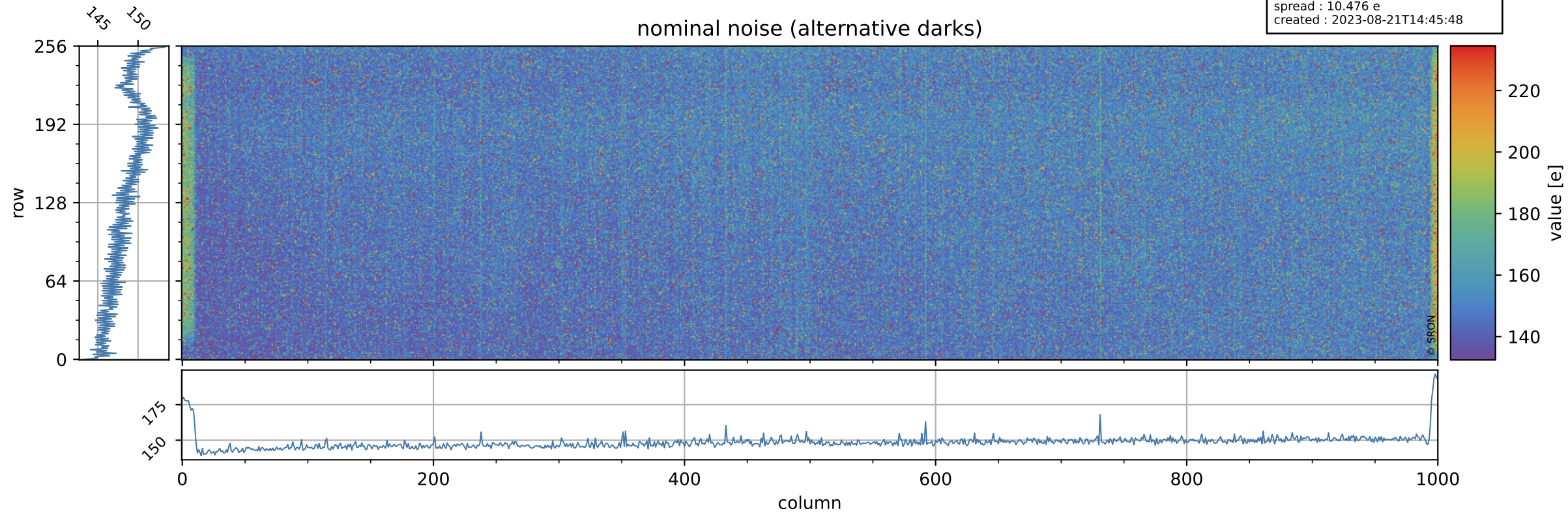


Tropomi SWIR background noise (swir)

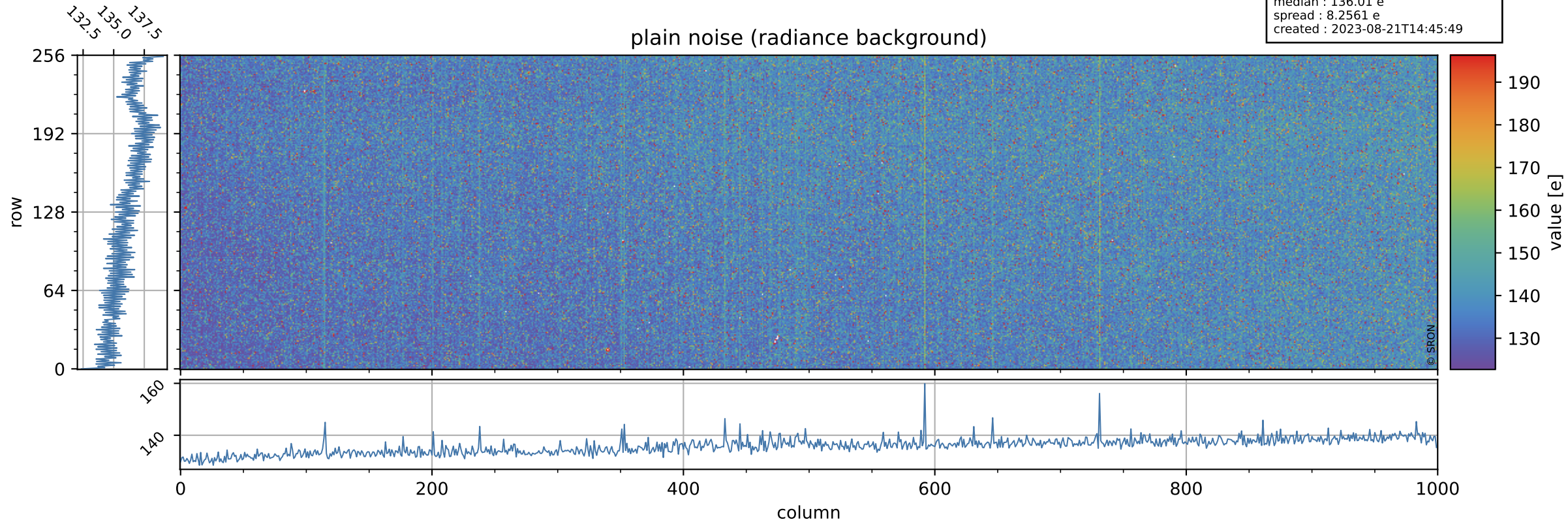
orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.476 e
created : 2023-08-21T14:45:48



Tropomi SWIR background noise (swir)

orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2561 e
created : 2023-08-21T14:45:49

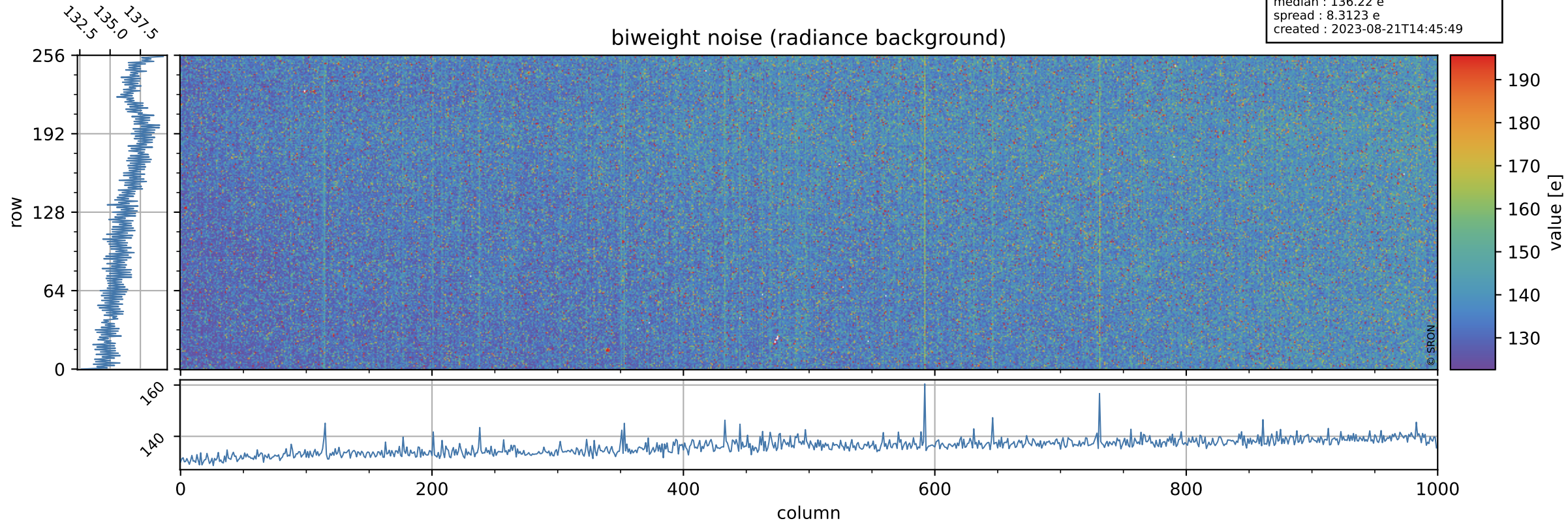
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.3123 e
created : 2023-08-21T14:45:49

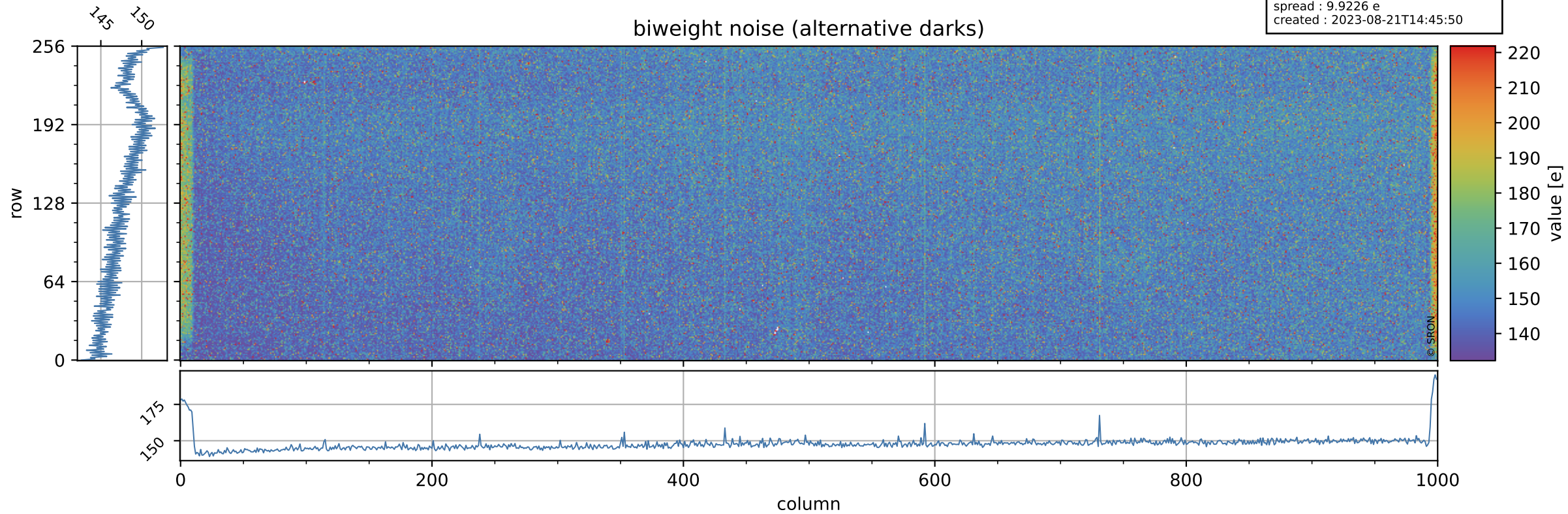
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9226 e
created : 2023-08-21T14:45:50

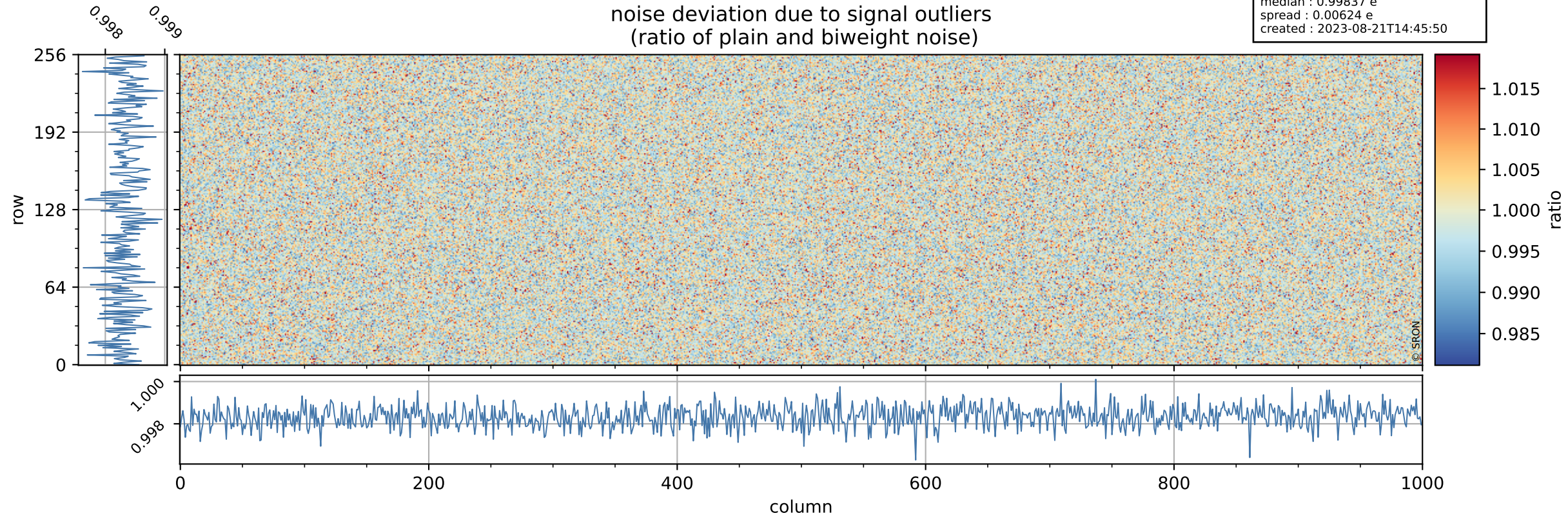
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

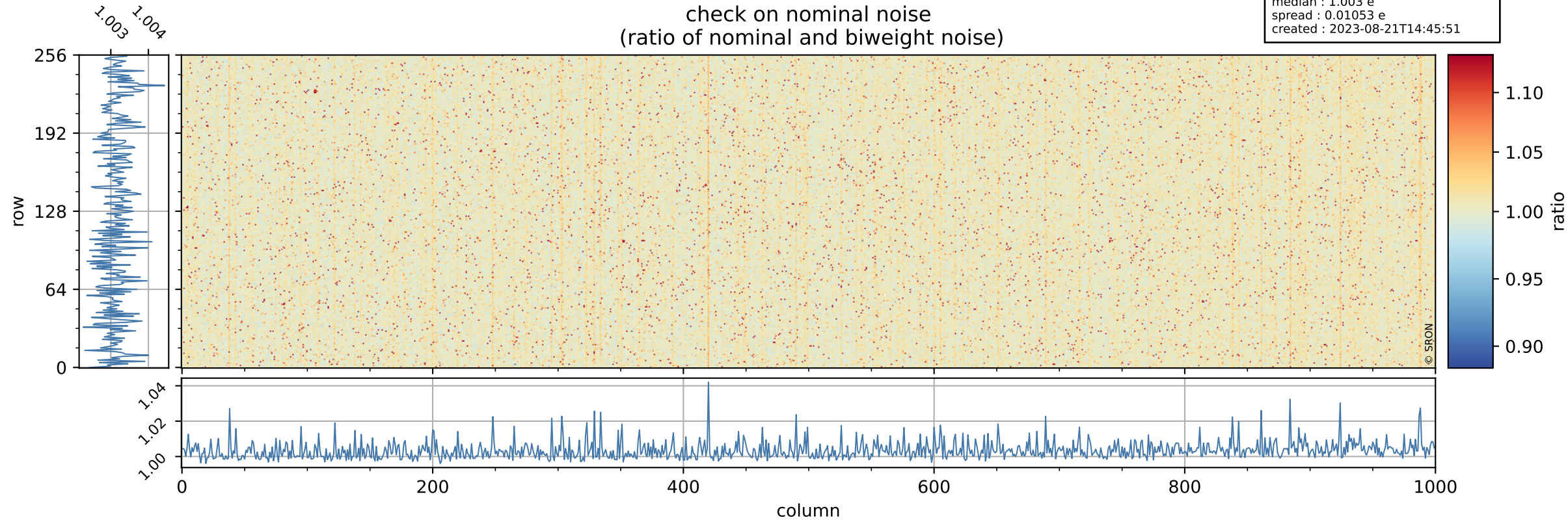
orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
median : 0.99837 e
spread : 0.00624 e
created : 2023-08-21T14:45:50



Tropomi SWIR background noise (swir)

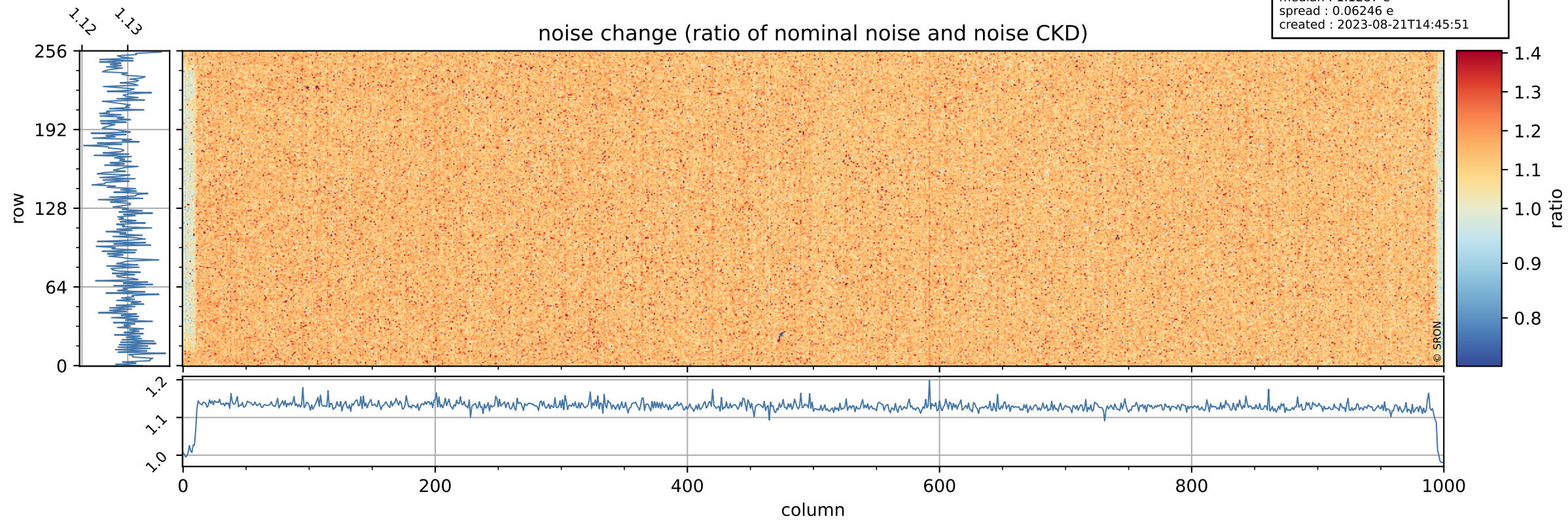
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
median : 1.003 e
spread : 0.01053 e
created : 2023-08-21T14:45:51



Tropomi SWIR background noise (swir)

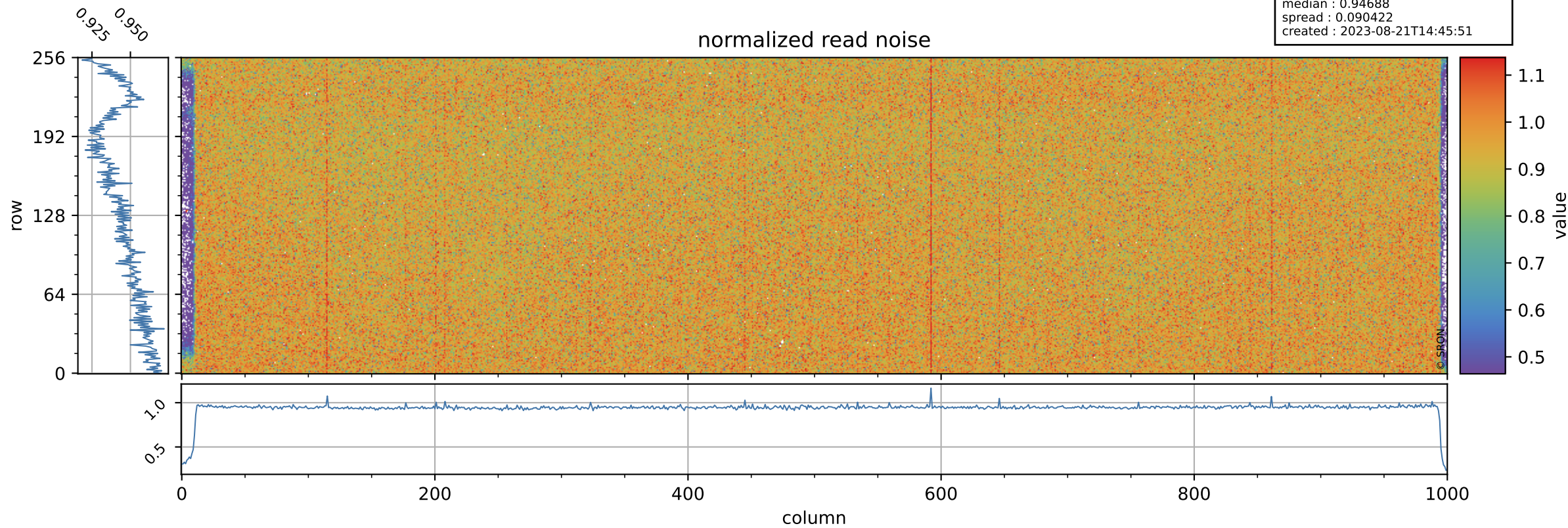
orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
median : 1.1287 e
spread : 0.06246 e
created : 2023-08-21T14:45:51



Tropomi SWIR background noise (swir)

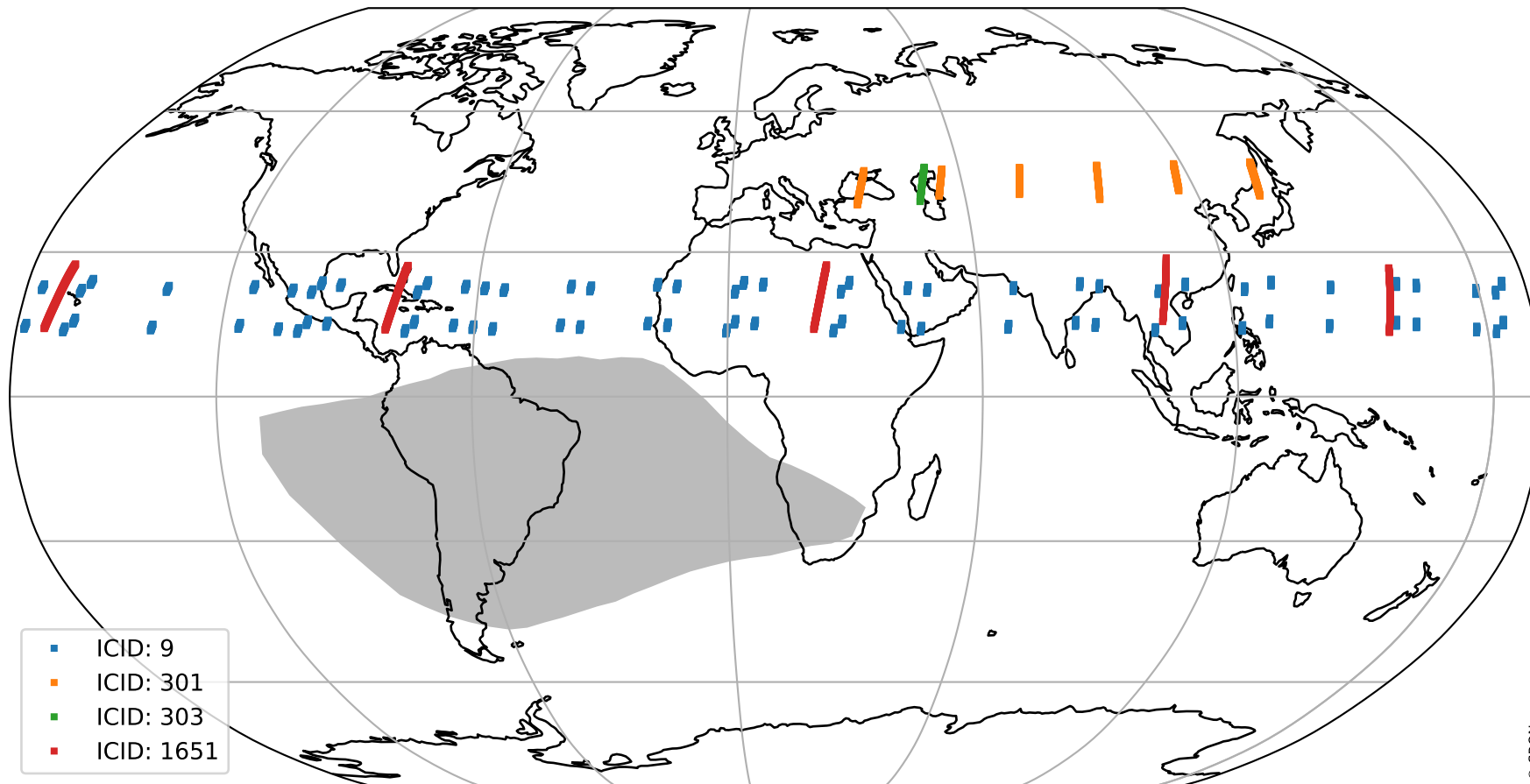
orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
median : 0.94688
spread : 0.090422
created : 2023-08-21T14:45:51

normalized read noise



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

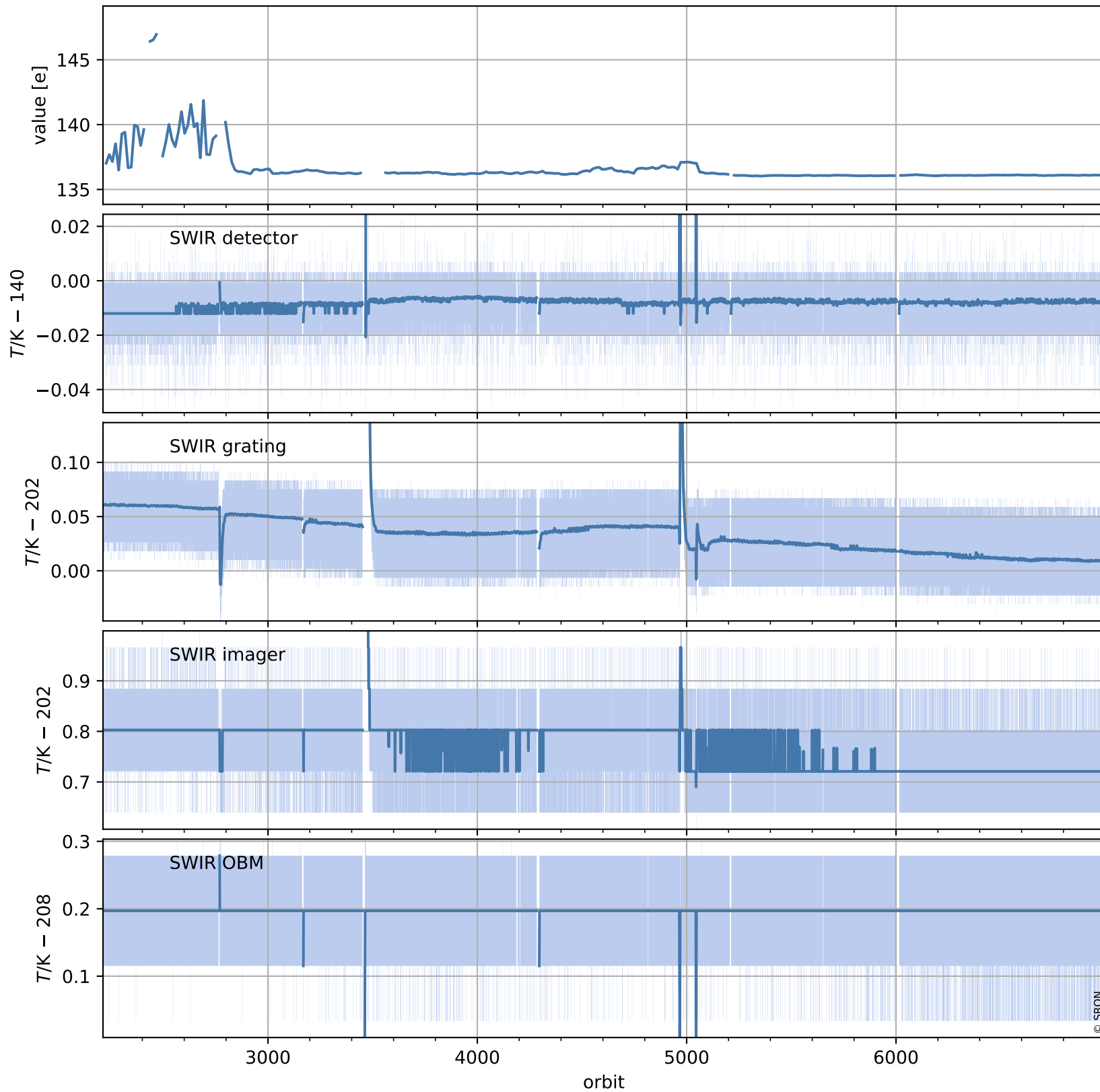
orbits : 12 in [6907, 6997]
coverage : 2019-02-12 / 2019-02-18
created : 2023-08-21T14:45:52



Tropomi SWIR background noise (swir)

orbits : [2212, 6997]
coverage : 2018-03-18 / 2019-02-18
created : 2023-08-21T14:45:52

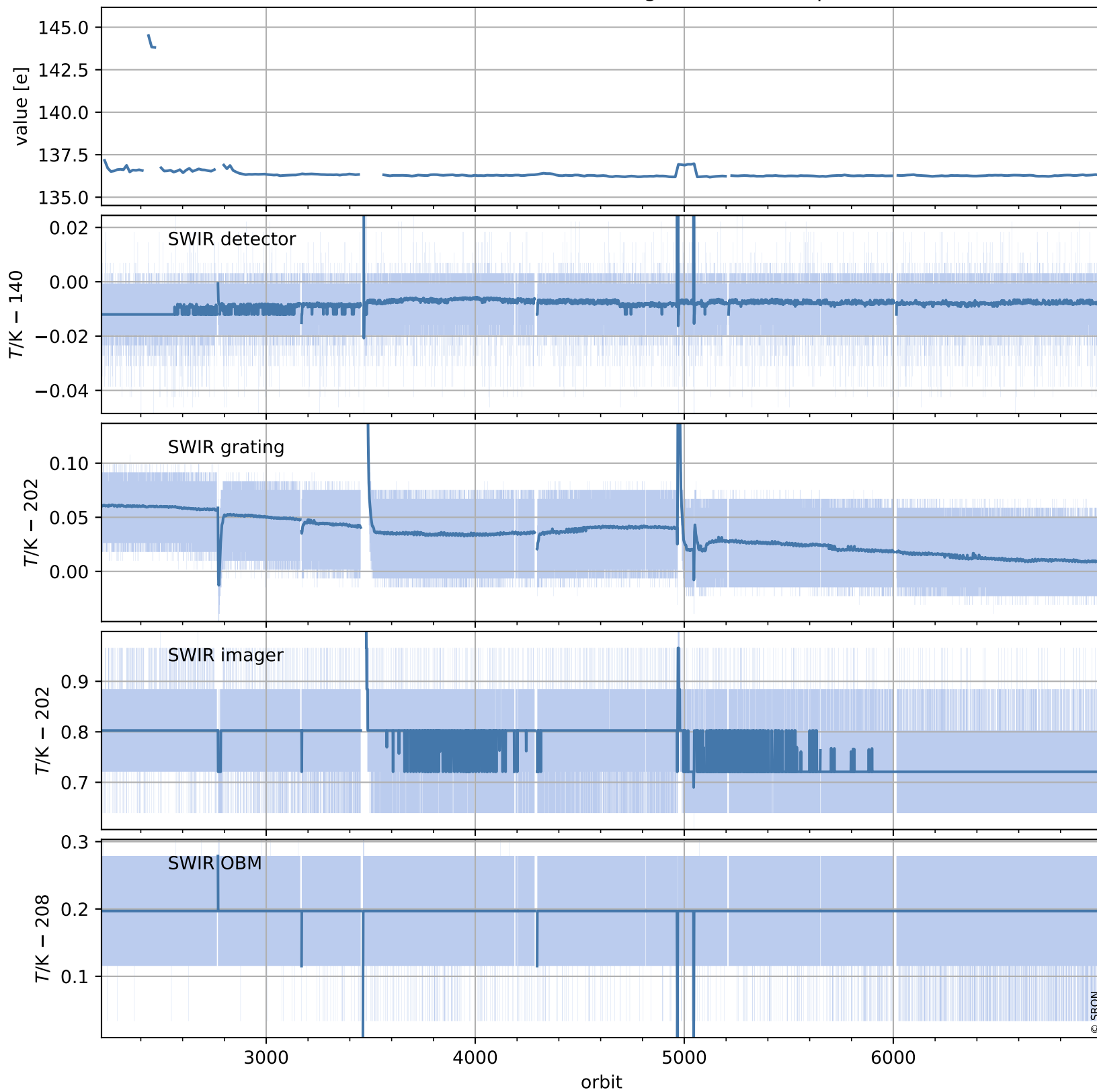
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6997]
coverage : 2018-03-18 / 2019-02-18
created : 2023-08-21T14:45:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6997]
coverage : 2018-03-18 / 2019-02-18
created : 2023-08-21T14:45:54

trend of normalized read-noise & temperatures

