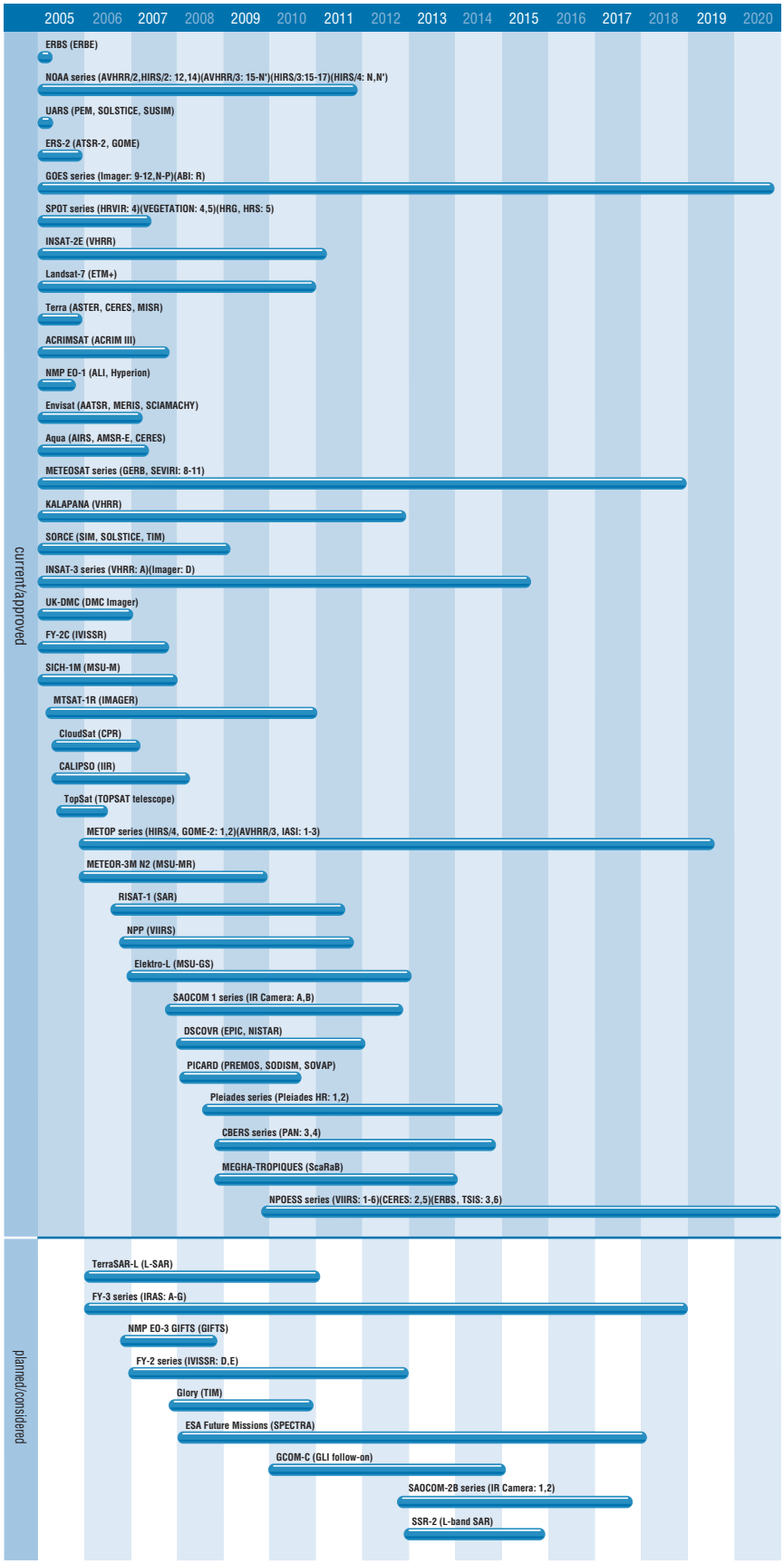Radiation budget