

World's first large outdoor color video display

Registration No.	Number 00353		
Registration Date	September 12, 2023	Registration Category	Category 1

Name (Model, etc.)	Cathode Ray Tube for First-Gen Aurora Vision
Location	Togitsu-cho, Nagasaki
	Mitsubishi Electric Corporation Nagasaki Works
Owner (Custodian)	Mitsubishi Electric Corporation Nagasaki Works
Manufacturer (Company)	Mitsubishi Electric Corporation Kyoto Works
Year Manufactured	1981-1983
Year first appeared	1981-1983 ('81:28.6 mm, '82:35 mm, '83:20 mm)
Reason For Selection	These CRT tubes were produced for the first generation Aurora Vision. For glass containers, whereas the first model had tinted glass to suppress the reflection of outside light on the display surface, a new type of glass was developed for the product. This new glass incorporates a filter function that allows specific wavelengths to pass through, corresponding to the luminescence color. Thus, they created a light source tube suited for high-contrast, high image quality with little variation, and full-scale production of Aurora Vision began, with three types of light source tubes of different diameters brought to market. They are significant as items that show the first generation using CRT tubes, which marks the onset of large color video display systems.
Registration Standard	1-A (Show an important aspect or stage of the development of science and technology.) 2-A (Played a notable role in improving people's way of life and creating new ways of living.)

Open/Closed to Public	Closed to Public
Photo	
Other useful information	