

Optical Characteristics of the photocathode in the EUV region: 2

Atsushi Yamazaki[1]; Wataru Miyake[2]

[1] Univ. of Electro-Communications; [2] CRL

An Extreme Ultraviolet (EUV) imaging of the plasmasphere and magnetosphere near the Earth and the other planets is a most powerful remote sensing method for the understanding of the global plasma distribution. Although the optics has been developed, the optical characteristics of the detector, especially the photocathode, are not well known. The characteristics of the photocathode of CsI and KBr in the ultraviolet region have been presented. In this paper the temporal variation and the efficiency in the EUV region are reported.