

MILLIMETER WAVE IMAGING APPARATUS

ABSTRACT

A millimeter wave imaging apparatus includes: an imaging device having a plurality of millimeter wave sensors that are arranged in a planar manner and receive millimeter waves radiated from a subject to detect signal levels thereof; an image data generation device that generates image data of the subject based on an output from each of the millimeter wave sensors constituting the imaging device; and a case that has a placement surface on which the subject can be placed and which permits transmission of the millimeter waves. The imaging device is arranged below the placement surface of the case, so that the millimeter waves, which are radiated from a bottom part of the subject placed on the placement surface of the case, are received by the plurality of millimeter wave sensors.