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Title: Terahertz tomographic imaging of XVIIIth Dynasty Egyptian sealed pottery

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Abstract: A monochromatic millimeter-wave imaging system coupled with an infrared temperature sensor has been used to investigate historic objects preserved at the Museum of Aquitaine (France). In particular, two-dimensional and three-dimensional analyses have been performed in order to reveal the internal structure of nearly 3500-year-old sealed Egyptian jars. (C) 2011 Optical Society of America