

## **DETERMINATION OF SURFACE RESONANCE BY A SURFACE WAVE RESONATOR**

The surface electromagnetic wave resonator has a fairly simple design. It can be used as a non-destructive analyzer of the properties of the material of its surface. The method of determining the surface resistance of a surface electromagnetic wave resonator is proposed. The proposed method specifies the specific surface resistance of an unknown material, based on various materials of the surface of the resonator.

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