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Measurements of the electrical properties of 3D printed pill-box cavities after various post-treatments

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Additive manufacturing of copper can be used to easily produce complex metallic shapes, including radio-frequency cavities. However to date there are limited studies of the RF properties of these cavities. We have produced by additive manufacturing three identical pill box cavities. Two of them have undergone post-treatement with different technologies and the third one has been kept as witness. We report on the measurement of the RF properties of these three cavities.

Footnotes

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