Table 1: Measured dielectric properties of 3D printed samples with 2.4 mm thickness at 2.4 GHz

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| Sample | Infill pattern | PLA VF | Relative Permittivity | Loss tangent |
| A | Solid | 100% | 2.72 | 0.008 |
| B | Waffle | 73% | 2.53 | 0.008 |
| C | Waffle | 70% | 2.27 | 0.006 |
| D | Honeycomb | 70% | 2.25 | 0.006 |
| E | No infill (empty) | 33% | 1.60 | 0.004 |
| F | Honeycomb  (0.2mm base, without lid) | 18% | 1.24 | 0.002 |