

## EMF shielding report

### Material: Shielding Fabric VOILE

#### Conformity

This measurement of the screening attenuation of electromagnetic waves from 400 Hz to 18 GHz was done in conformity with standard IEEE Std 299™-2006. Some experts are measuring according to MIL-STD-285, this standard from 1956 is aged and no longer valid.

#### Measurement setup

The instrument of measure is a professional vector network analyzer Rohde & Schwarz ZNB20 with 140 dB dynamic range up to 20 GHz. The antenna for ASTM D4935-10 are modified TEM-cells, that can measure even small samples down to 30 MHz in the far field. The samples are measured with radial polarization (all directions, not only horizontal or vertical only), what matches the reality most probably. All electrically conductive and thin samples can be measured perfectly with these cells.

