

EMF shielding report

Material:
Window Film RDF72

Conformity

This measurement of the screening attenuation of electromagnetic waves from 30 MHz to 18 GHz was done in conformity with standard ASTM D4935-10.

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.

